

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092419\
 Data File : BM022751.D
 Acq On : 24 Sep 2019 15:48
 Operator : JU
 Sample : PB123301BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB123301BS

Manual Integrations
 APPROVED

mohammad
 9/26/2019 8:25:18 AM

Quant Time: Sep 25 04:09:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 16:34:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	250134	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1055769	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	658399	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1355871	20.00	ng	0.00
76) Chrysene-d12	21.37	240	1350498	20.00	ng	0.00
87) Perylene-d12	23.64	264	1298143	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1525546	96.73	ng	0.00
7) Phenol-d6	6.99	99	2006948	99.07	ng	0.00
23) Nitrobenzene-d5	8.97	82	1069716	56.24	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	784611	95.46	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	2630028	55.01	ng	0.00
79) Terphenyl-d14	19.82	244	4080183	58.50	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	217114	34.211	ng	# 100
3) Pyridine	3.71	79	532386	31.827	ng	98
4) n-Nitrosodimethylamine	3.62	42	227623	37.379	ng	# 96
6) Aniline	7.15	93	752658	30.987	ng	100
8) 2-Chlorophenol	7.39	128	656311	40.843	ng	99
9) Benzaldehyde	6.96	77	338803	29.373	ng	100
10) Phenol	7.02	94	792506	41.555	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	583004	38.910	ng	100
12) 1,3-Dichlorobenzene	7.71	146	685358	35.685	ng	99
13) 1,4-Dichlorobenzene	7.86	146	701829	36.096	ng	100
14) 1,2-Dichlorobenzene	8.17	146	664188	35.831	ng	99
15) Benzyl Alcohol	8.06	79	520035	41.027	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	806292	37.044	ng	99
17) 2-Methylphenol	8.26	107	531119	42.075	ng	99
18) Hexachloroethane	8.90	117	249133	34.935	ng	96
19) n-Nitroso-di-n-propylamine	8.63	70	446693	39.489	ng	100
20) 3+4-Methylphenols	8.59	107	712932	42.403	ng	99
22) Acetophenone	8.64	105	904322	34.701	ng	# 99
24) Nitrobenzene	9.02	77	665647	36.579	ng	99
25) Isophorone	9.55	82	1222798	39.101	ng	99
26) 2-Nitrophenol	9.73	139	307667	39.164	ng	99
27) 2,4-Dimethylphenol	9.79	122	607762	46.212	ng	100
28) bis(2-Chloroethoxy)methane	10.03	93	807118	37.297	ng	100
29) 2,4-Dichlorophenol	10.26	162	609507	40.991	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	641470	35.064	ng	98
31) Naphthalene	10.66	128	1942899	37.245	ng	100
32) Benzoic acid	9.93	122	344304	38.920	ng	95
33) 4-Chloroaniline	10.77	127	510555	22.541	ng	99
34) Hexachlorobutadiene	10.96	225	364613	33.435	ng	99
35) Caprolactam	11.56	113	188426m	42.745	ng	
36) 4-Chloro-3-methylphenol	11.89	107	621216	42.822	ng	99
37) 2-Methylnaphthalene	12.27	142	1427343	39.308	ng	99
38) 1-Methylnaphthalene	12.50	142	1332005	38.645	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	735763	32.980	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	959795	78.852	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	484207	37.605	ng	99
44) 2,4,5-Trichlorophenol	12.96	196	524151	39.064	ng	99
46) 1,1'-Biphenyl	13.29	154	1835697	33.688	ng	99
47) 2-Chloronaphthalene	13.33	162	1395247	34.353	ng	99
48) 2-Nitroaniline	13.53	65	378052	35.747	ng	97
49) Acenaphthylene	14.18	152	2262078	37.611	ng	100
50) Dimethylphthalate	13.92	163	1744884	36.672	ng	100
51) 2,6-Dinitrotoluene	14.03	165	384272	38.610	ng	99
52) Acenaphthene	14.52	154	1361545	34.603	ng	100
53) 3-Nitroaniline	14.36	138	290416	25.347	ng	100
54) 2,4-Dinitrophenol	14.56	184	408987	76.208	ng	94
55) Dibenzofuran	14.86	168	2131265	37.102	ng	100
56) 4-Nitrophenol	14.66	139	720941	81.863	ng	99
57) 2,4-Dinitrotoluene	14.82	165	527333	40.444	ng	99
58) Fluorene	15.50	166	1737217	37.215	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	456758	39.032	ng	99
60) Diethylphthalate	15.28	149	1762821	38.103	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	873194	36.406	ng	98
62) 4-Nitroaniline	15.52	138	432076	35.969	ng	99
63) Azobenzene	15.79	77	1602158	38.348	ng	99
65) 4,6-Dinitro-2-methylphenol	15.57	198	275620	41.488	ng	99
66) n-Nitrosodiphenylamine	15.71	169	1532477	36.997	ng	100
67) 4-Bromophenyl-phenylether	16.39	248	535437	35.505	ng	98
68) Hexachlorobenzene	16.51	284	600461	34.143	ng	99
69) Atrazine	16.66	200	480094	35.654	ng	100
70) Pentachlorophenol	16.84	266	771329	82.239	ng	99
71) Phenanthrene	17.24	178	2763001	36.115	ng	100
72) Anthracene	17.33	178	2803753	37.814	ng	99
73) Carbazole	17.59	167	2564761	37.172	ng	99
74) Di-n-butylphthalate	18.16	149	3003271	38.388	ng	100
75) Fluoranthene	19.25	202	3227576	37.386	ng	99
77) Benzidine	19.43	184	1470640	39.695	ng	99
78) Pyrene	19.62	202	3361118	37.977	ng	99
80) Butylbenzylphthalate	20.52	149	1335267	39.697	ng	100
81) Benzo(a)anthracene	21.36	228	3204905	36.616	ng	99
82) 3,3'-Dichlorobenzidine	21.29	252	797537	25.694	ng	100
83) Chrysene	21.41	228	3062237	36.087	ng	99
84) Bis(2-ethylhexyl)phthalate	21.29	149	1988975	39.908	ng	100
85) Di-n-octyl phthalate	22.18	149	3249491	40.910	ng	99
86) Indeno(1,2,3-cd)pyrene	25.96	276	2962149	29.247	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	3024880	38.485	ng	99
89) Benzo(k)fluoranthene	23.01	252	2981925	38.236	ng	100
90) Benzo(a)pyrene	23.55	252	2852009	39.379	ng	99
91) Dibenzo(a,h)anthracene	25.97	278	2501092	33.015	ng	99
92) Benzo(g,h,i)perylene	26.67	276	2328260	32.357	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

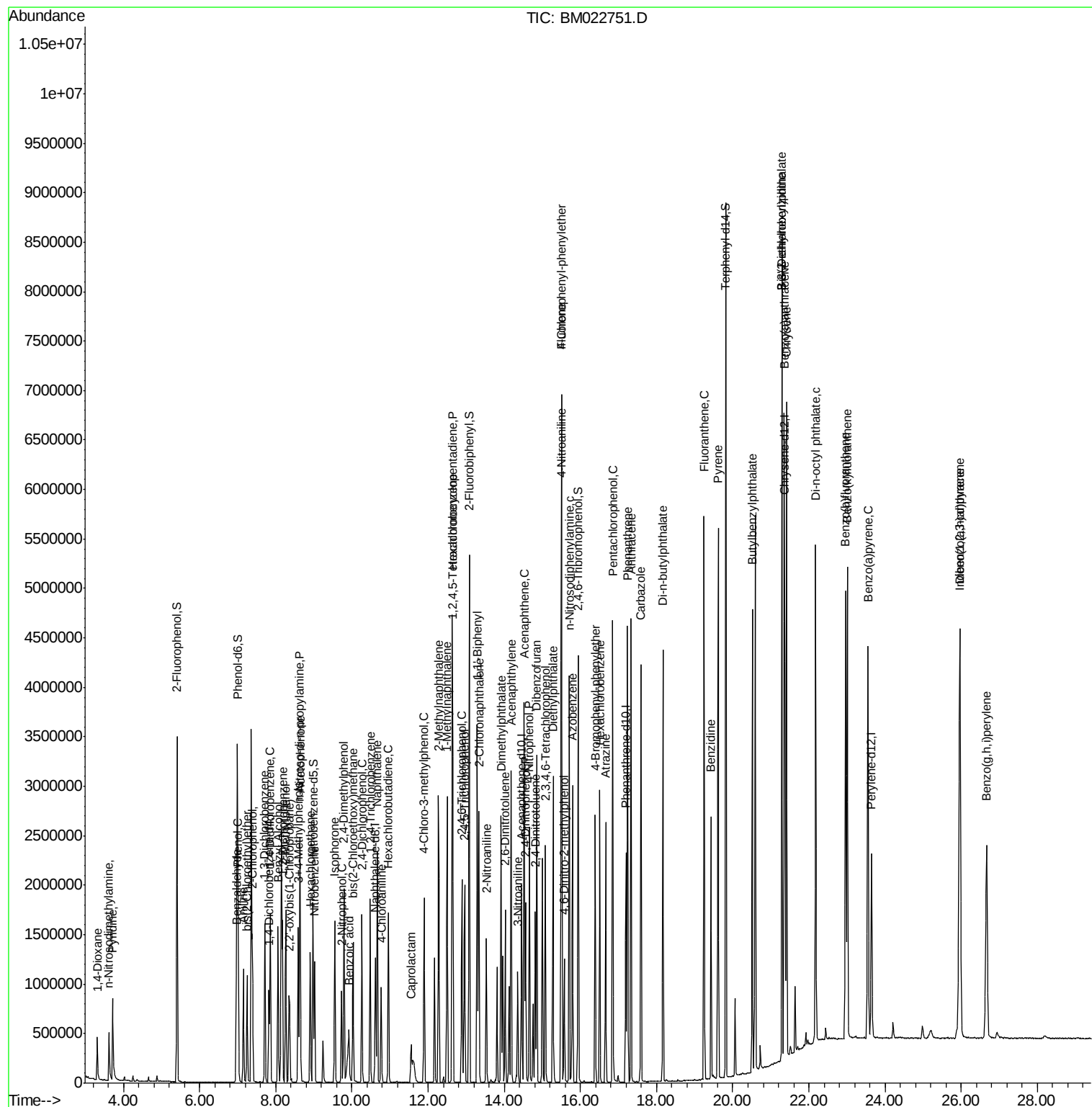
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092419\
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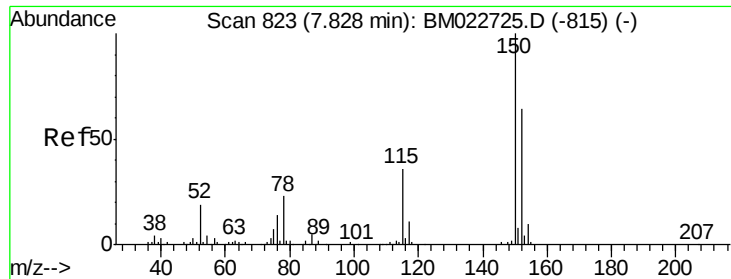
Instrument :
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#1

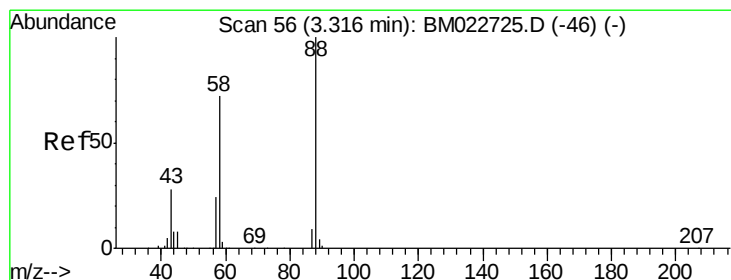
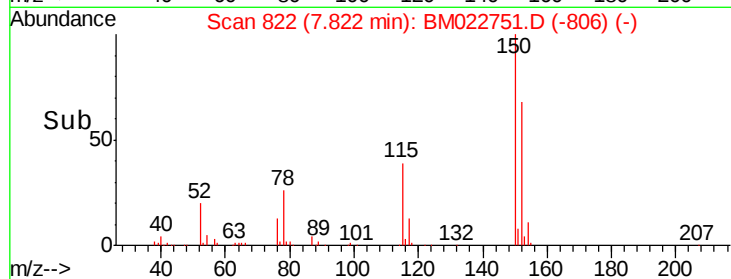
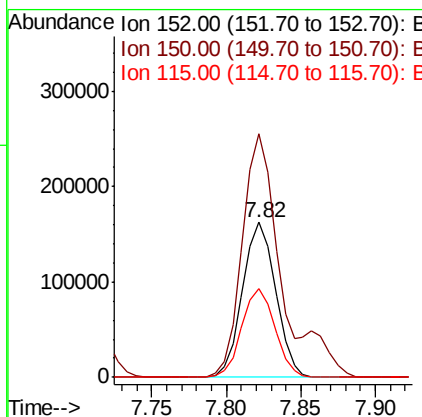
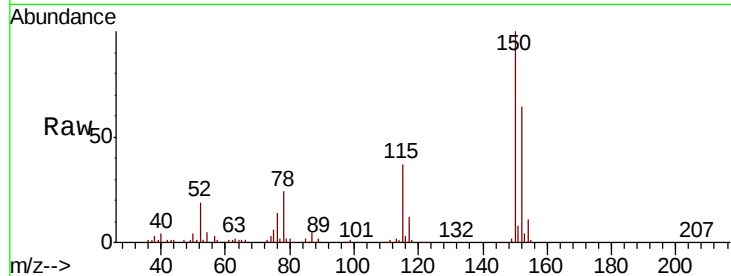
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.5	186.7
115	57.6	45.0	67.4

Manual Integrations
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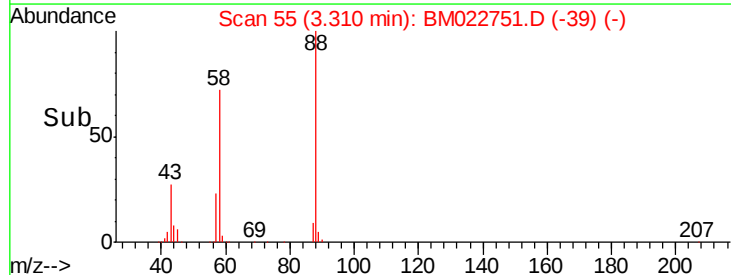
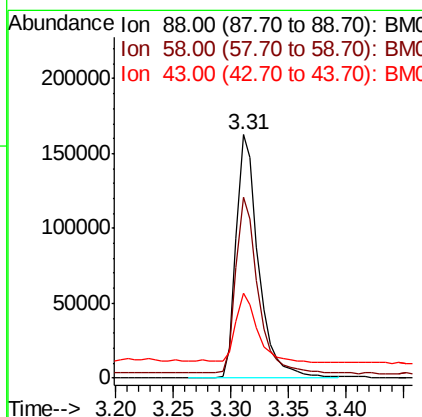
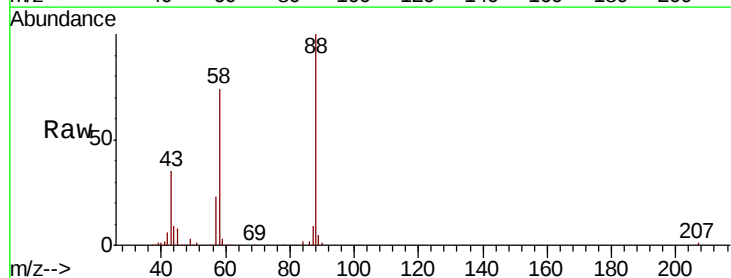
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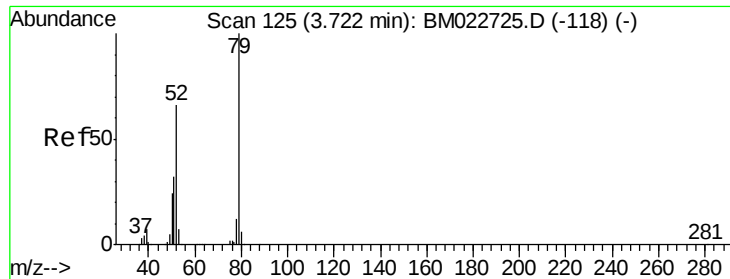


#2

1,4-Dioxane
Concen: 34.211 ng
RT: 3.31 min Scan# 55
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	0.0	0.0#
43	28.7	0.0	0.0#





#3

Pvridine

Concen: 31.827 ng

RT: 3.71 min Scan# 123

Delta R.T. -0.01 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

Instrument :

BNA_M

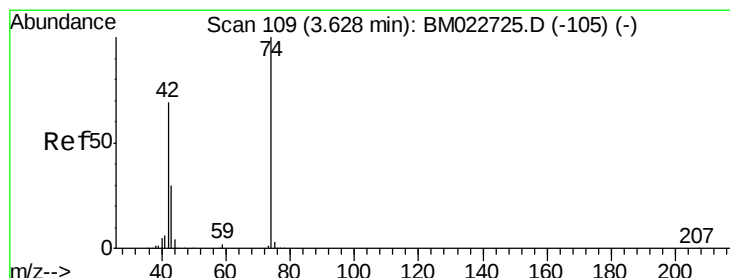
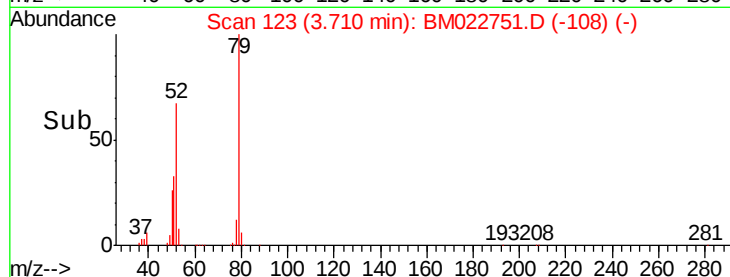
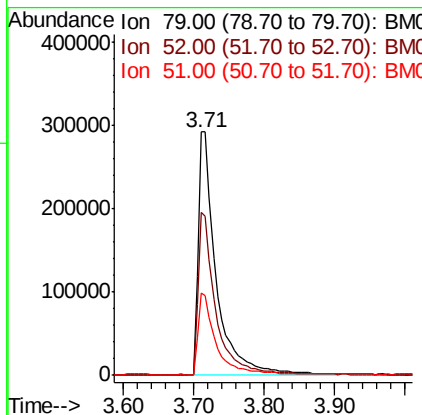
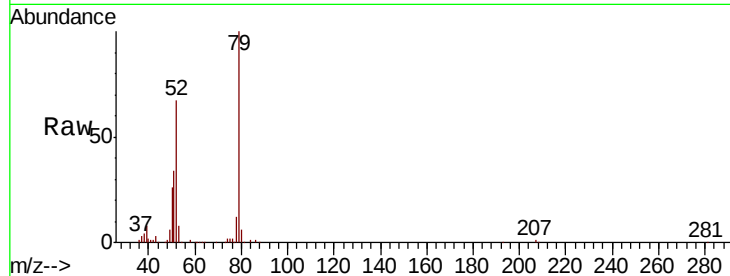
ClientSampleId :

PB123301BS

Tot Ion:	79	Resp:	532386
Ion Ratio	Lower	Upper	
79	100		
52	67.1	52.4	78.6
51	33.7	26.2	39.4

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#4

n-Nitrosodimethylamine

Concen: 37.379 ng

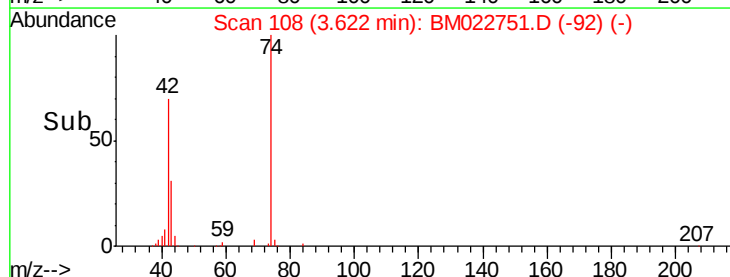
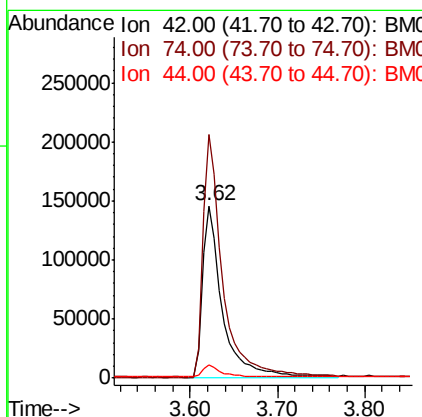
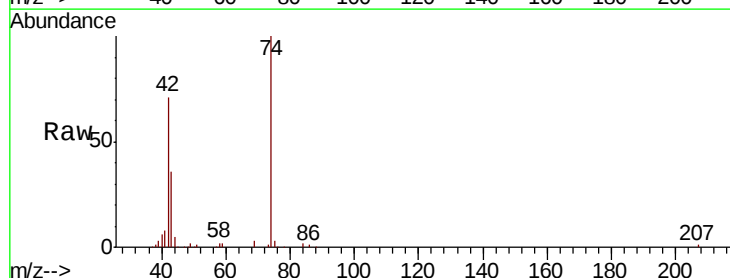
RT: 3.62 min Scan# 108

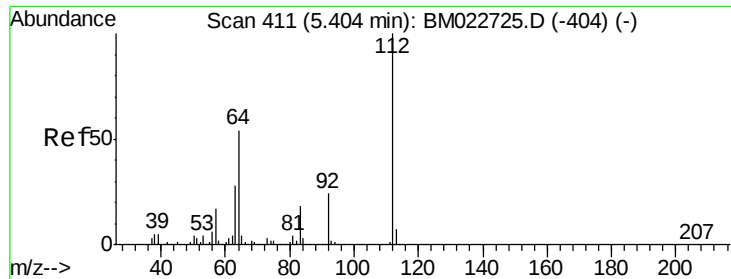
Delta R.T. -0.01 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

Tgt Ion:	42	Resp:	227623
Ion Ratio	Lower	Upper	
42	100		
74	141.4	116.6	175.0
44	7.4	8.2	12.4#





#5

2-Fluorophenol

Concen: 96.727 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

Instrument :

BNA_M

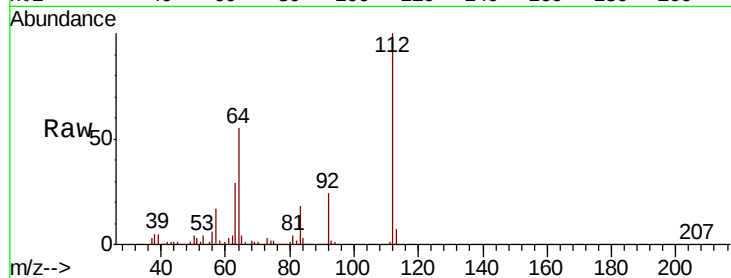
ClientSampled :

PB123301BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.4	65.2
63	28.5	22.1	33.1

Manual Integrations
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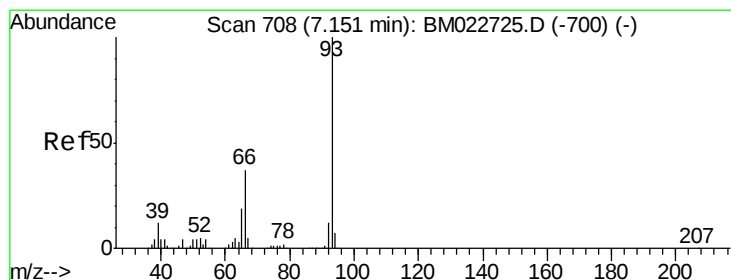
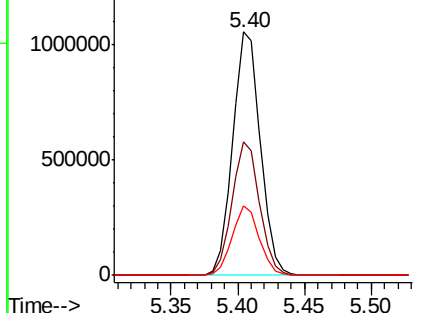
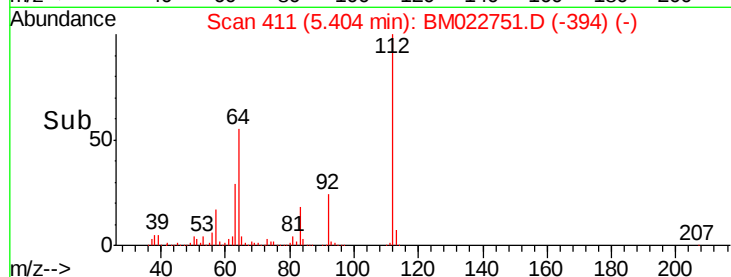
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 30.987 ng

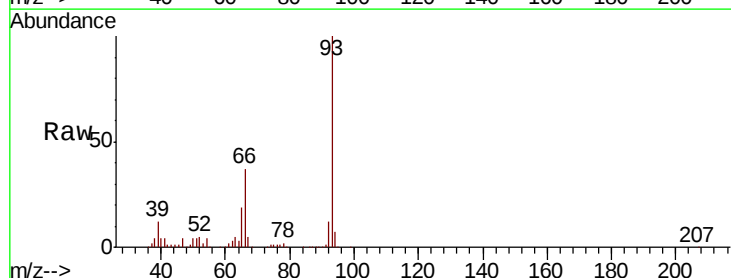
RT: 7.15 min Scan# 708

Delta R.T. -0.00 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

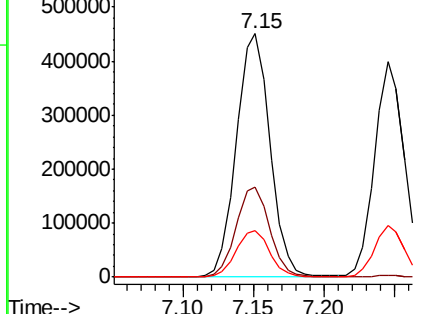
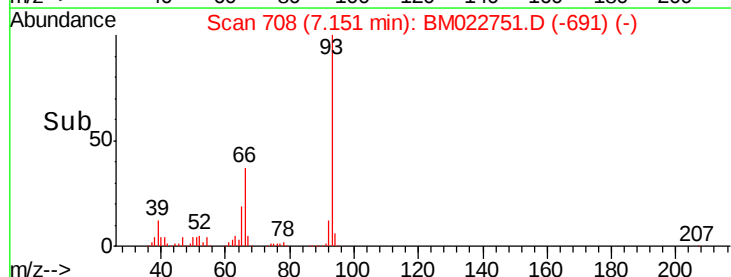
Tgt Ion	Ratio	Lower	Upper
93	100		
66	37.0	29.3	43.9
65	19.2	15.3	22.9

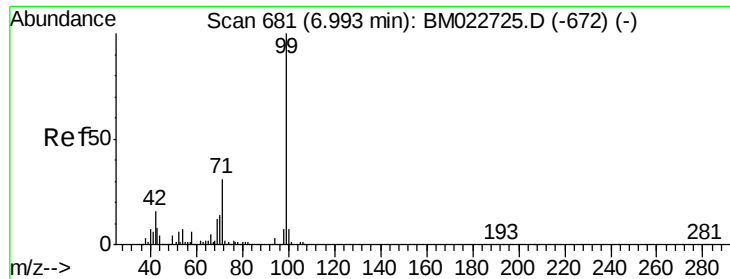


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 99.074 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM022751.D

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ClientSampleId :

PB123301BS

Tot Ion: 99 Resp: 2006948

Ion Ratio Lower Upper

99 100

42 15.9 13.0 19.4

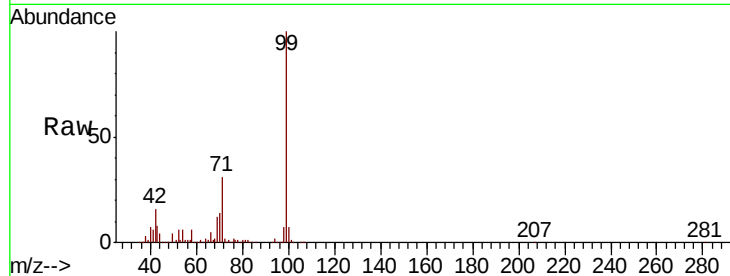
71 31.0 24.7 37.1

Manual Integrations

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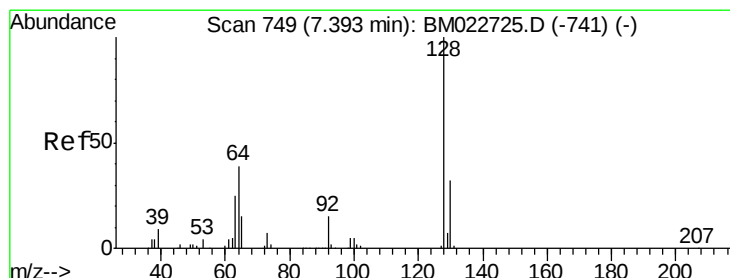
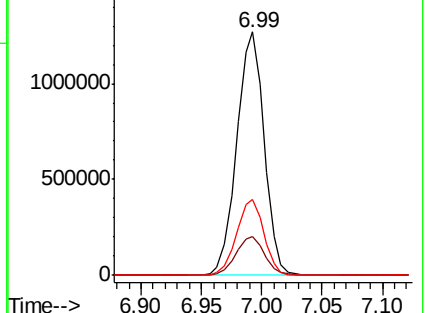
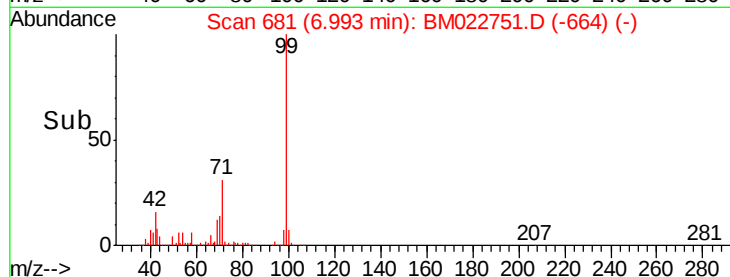
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Abundance Ion 99.00 (98.70 to 99.70): BM022751.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM022751.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM022751.D (-664) (-)



#8

2-Chlorophenol

Concen: 40.843 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.00 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

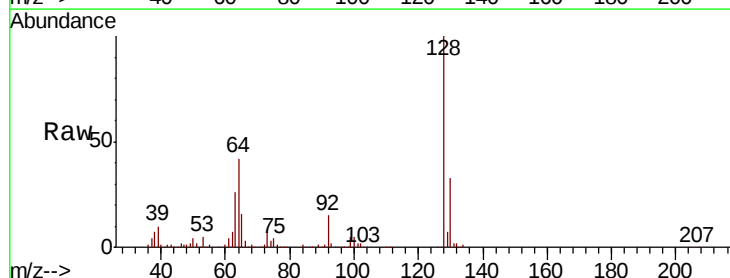
Tgt Ion: 128 Resp: 656311

Ion Ratio Lower Upper

128 100

130 32.7 12.1 52.1

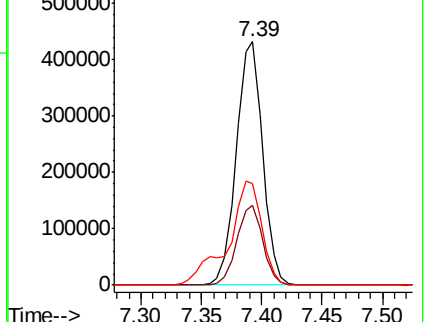
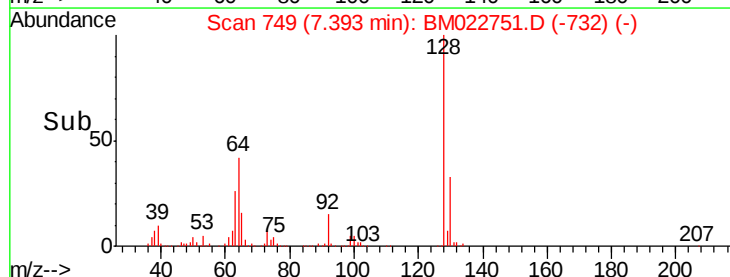
64 41.9 22.9 62.9

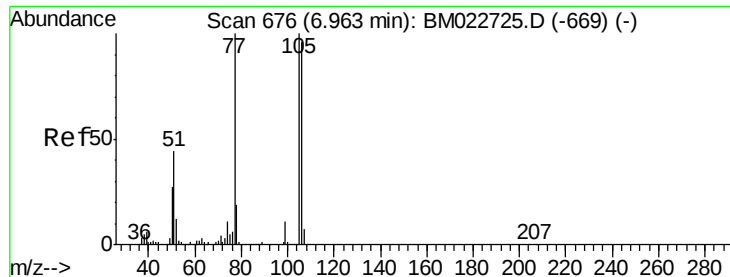


Abundance Ion 128.00 (127.70 to 128.70): BM022751.D (-732) (-)

Ion 130.00 (129.70 to 130.70): BM022751.D (-732) (-)

Ion 64.00 (63.70 to 64.70): BM022751.D (-732) (-)





#9

Benzaldehyde

Concen: 29.373 ng

RT: 6.96 min Scan# 676

Delta R.T. -0.00 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

Instrument :

BNA_M

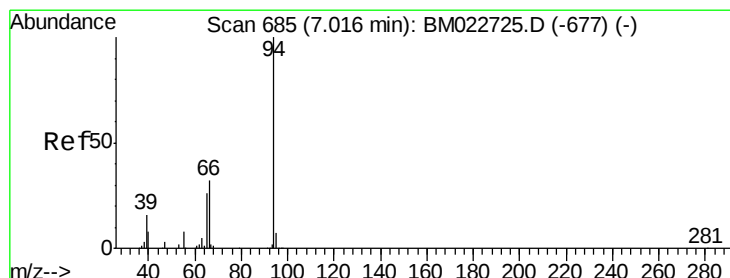
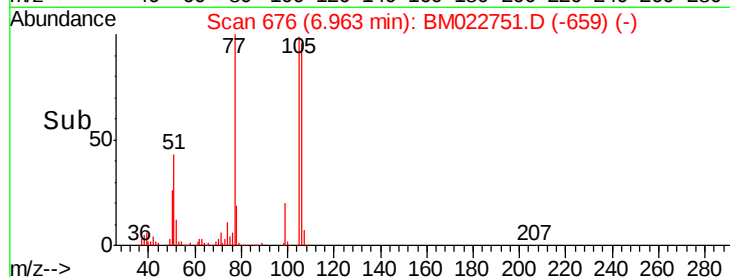
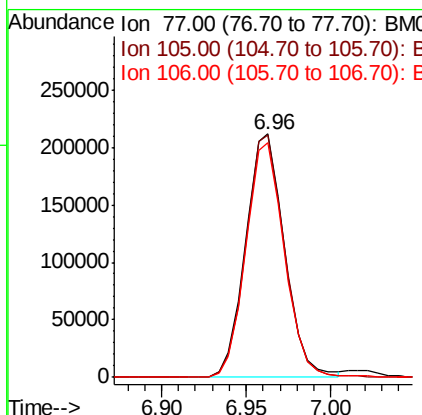
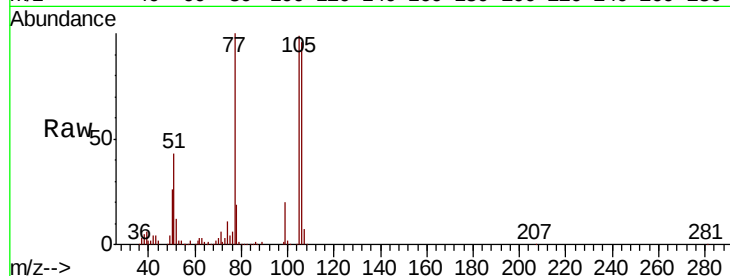
ClientSampleID :

PB123301BS

Tot Ion:	77	Resp:	338803
Ion	Ratio	Lower	Upper
77	100		
105	99.4	79.6	119.6
106	96.3	76.3	116.3

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#10

Phenol

Concen: 41.555 ng

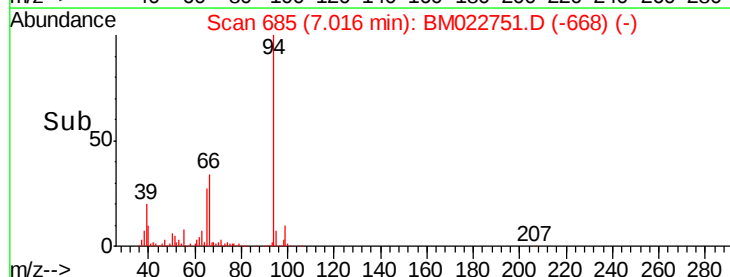
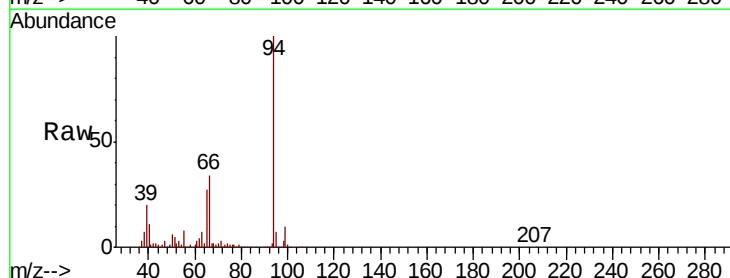
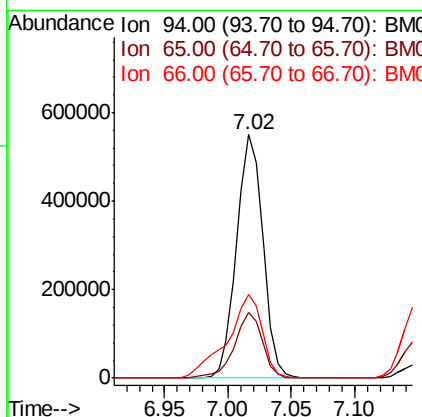
RT: 7.02 min Scan# 685

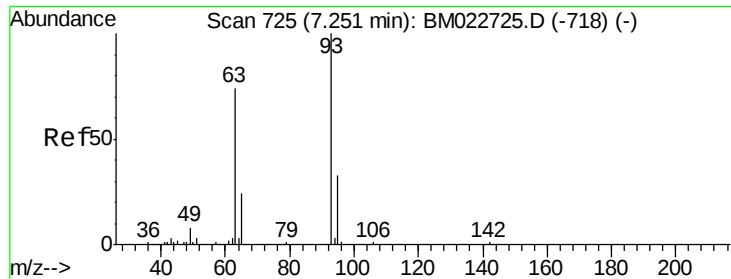
Delta R.T. -0.00 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

Tgt Ion:	94	Resp:	792506
Ion	Ratio	Lower	Upper
94	100		
65	26.8	6.7	46.7
66	34.5	13.8	53.8





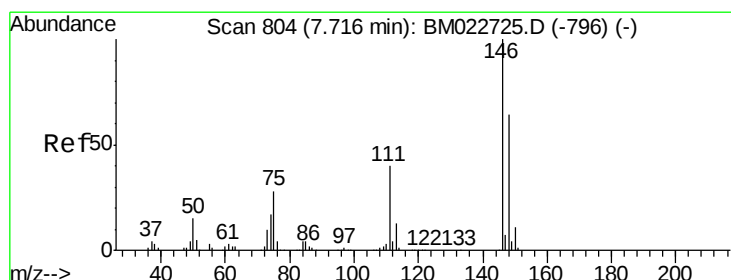
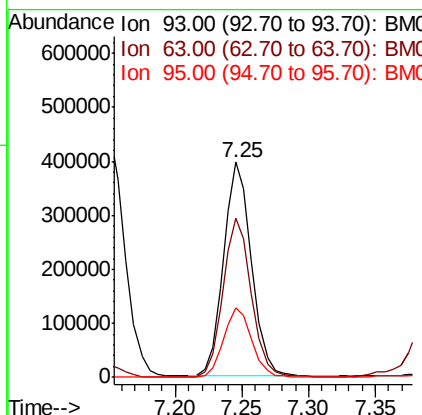
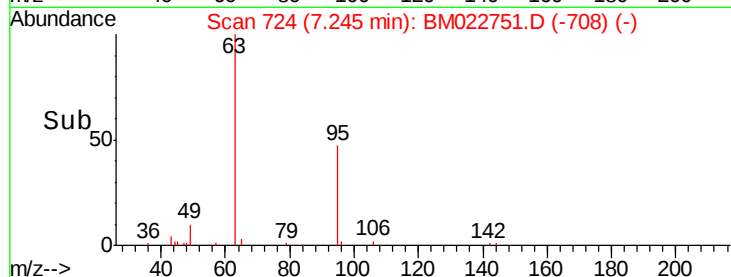
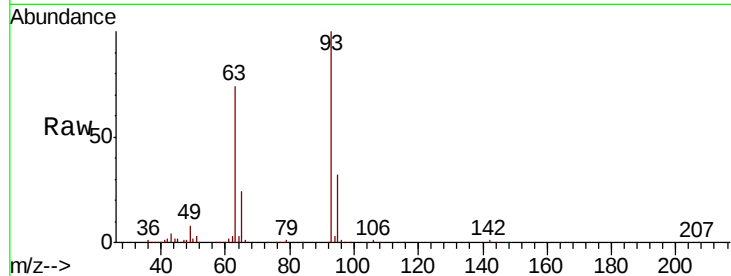
#11
bis(2-Chloroethyl)ether
Concen: 38.910 ng
RT: 7.25 min Scan# 724
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	583004		
63	74.1		53.8	93.8
95	32.5		12.7	52.7

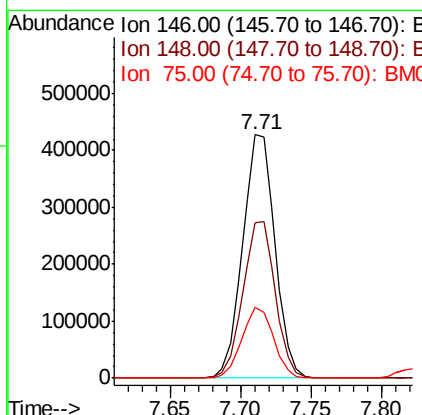
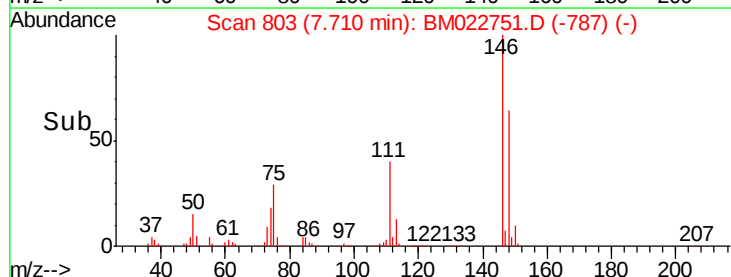
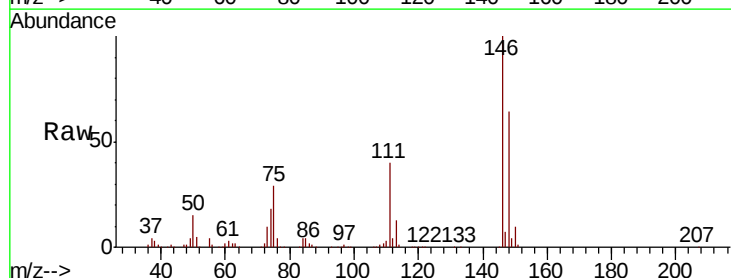
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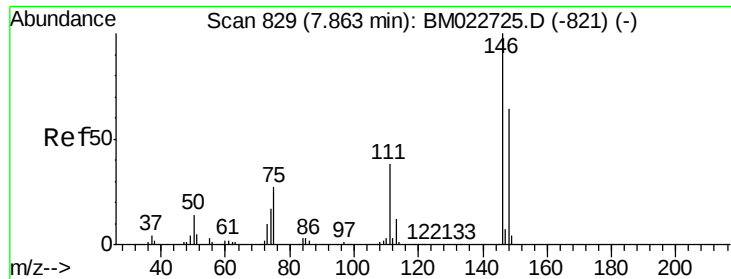
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#12
1,3-Dichlorobenzene
Concen: 35.685 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	685358		
148	63.8		51.3	76.9
75	29.3		22.5	33.7





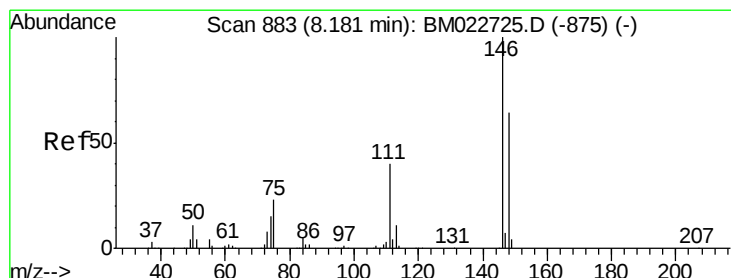
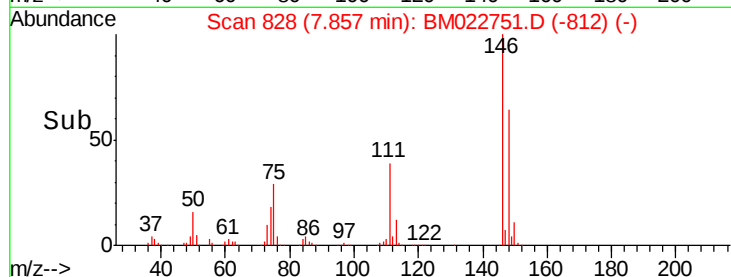
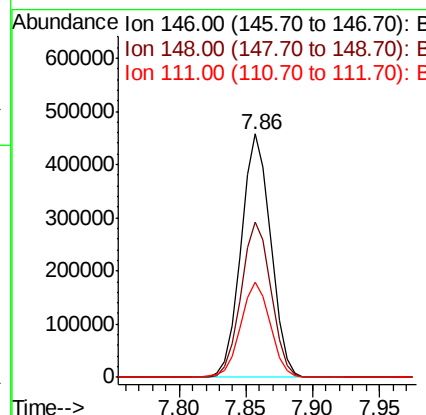
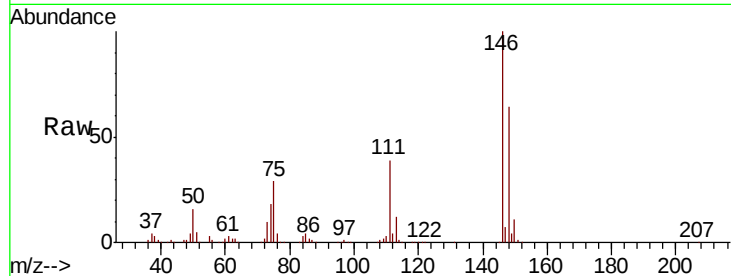
#13
 1,4-Dichlorobenzene
 Concen: 36.096 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM022751.D
 Acq: 24 Sep 2019 15:48

Instrument :
 BNA_M
 ClientSampleId :
 PB123301BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
111	38.9	30.9	46.3

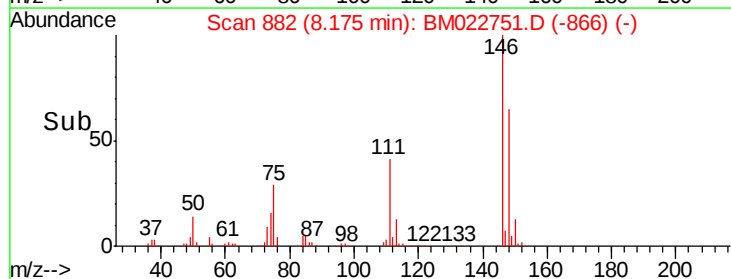
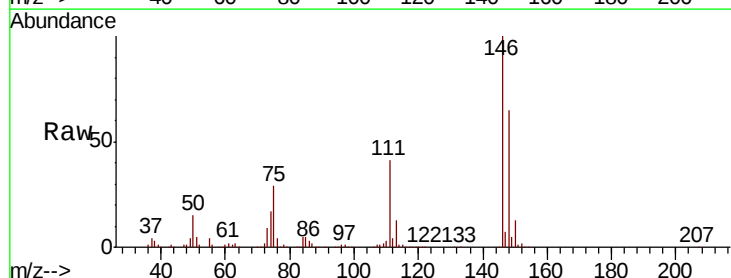
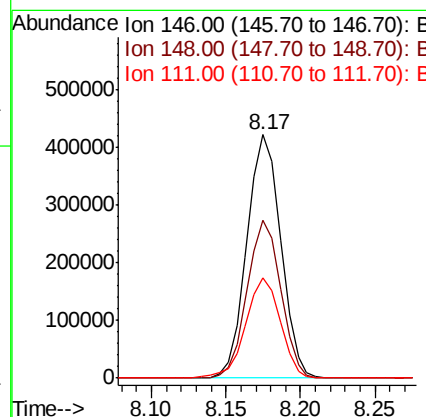
Manual Integrations
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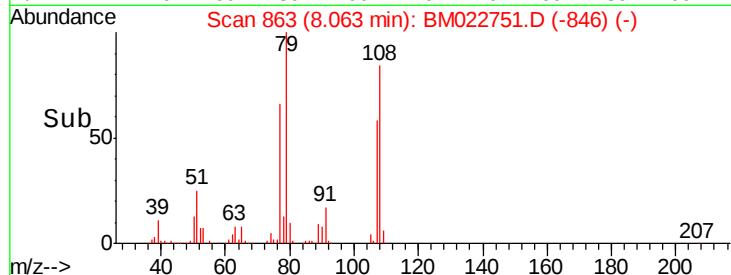
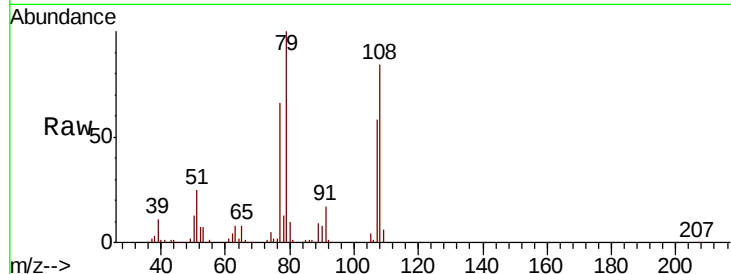
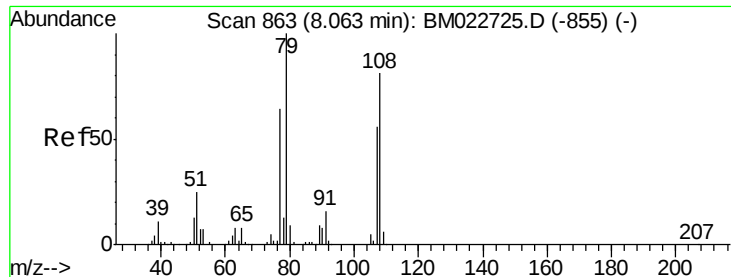
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#14
 1,2-Dichlorobenzene
 Concen: 35.831 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM022751.D
 Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.3	76.9
111	41.4	32.3	48.5





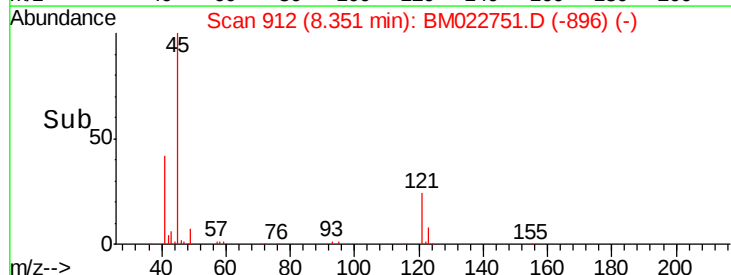
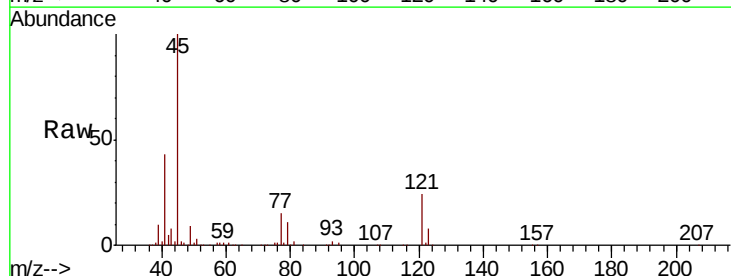
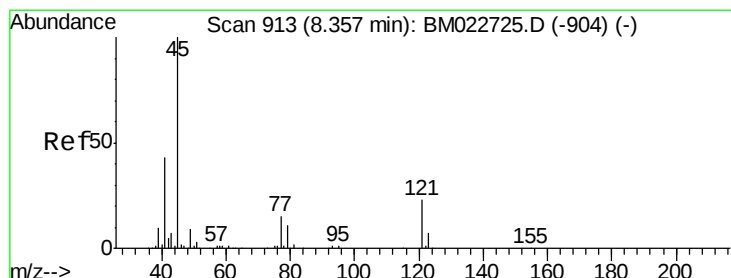
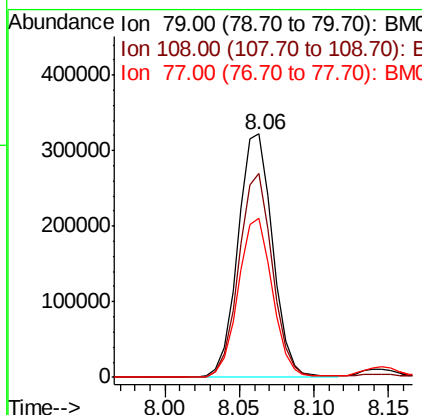
#15
Benzyl Alcohol
Concen: 41.027 ng
RT: 8.06 min Scan# 863
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	83.6	64.9	97.3	
77	65.6	51.1	76.7	

Instrument :
BNA_M
ClientSampleId :
PB123301BS

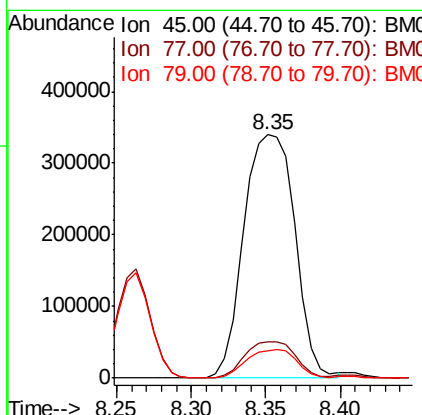
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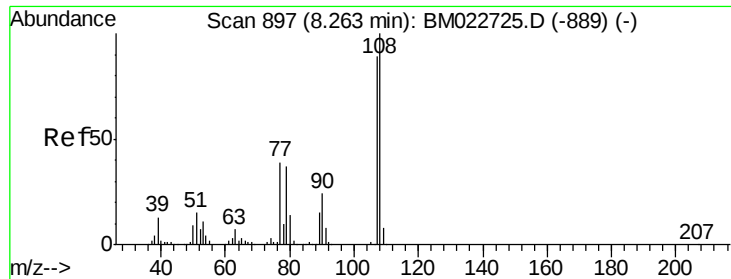
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.044 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.9	0.0	35.1	
79	11.1	0.0	31.4	





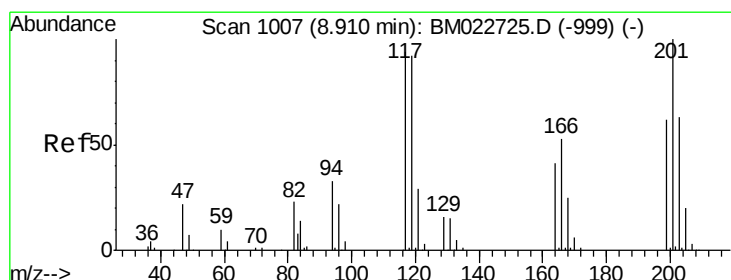
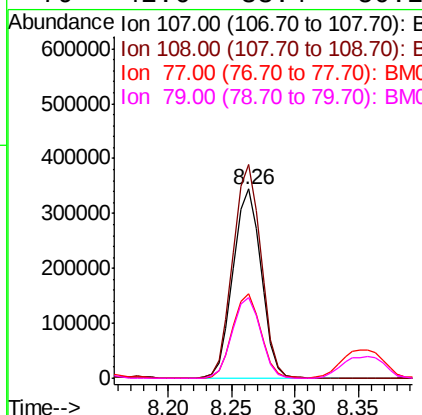
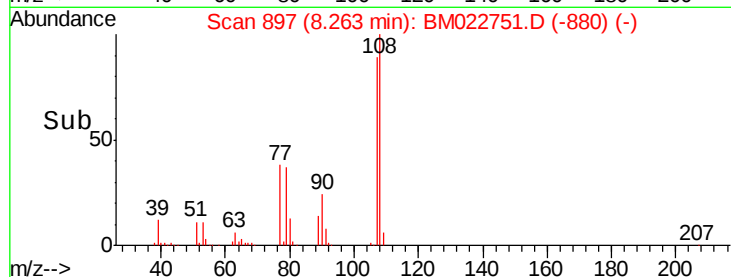
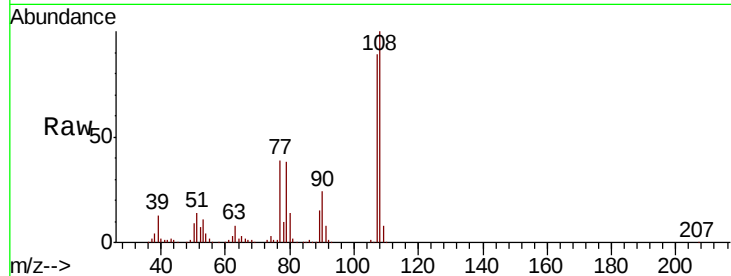
#17
2-Methylphenol
Concen: 42.075 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	90.0	135.0	
77	44.3	35.2	52.8	
79	42.6	33.4	50.2	

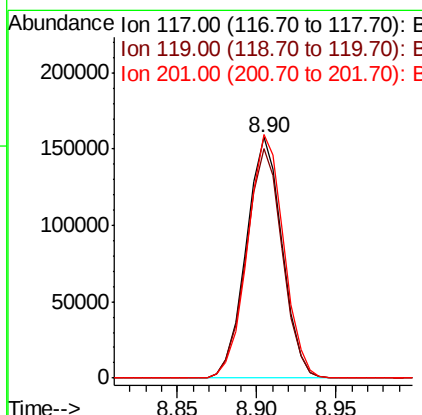
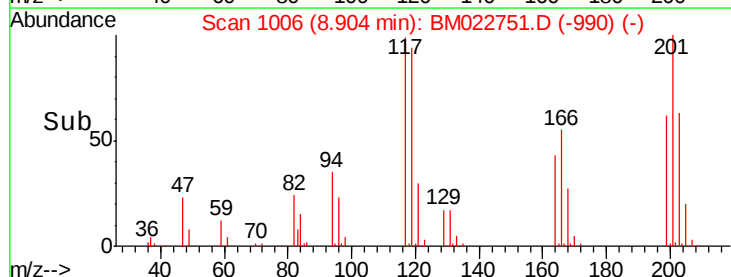
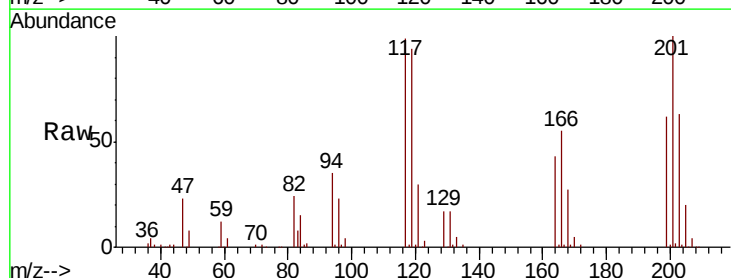
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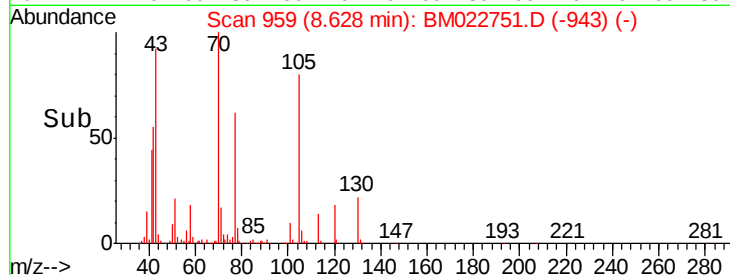
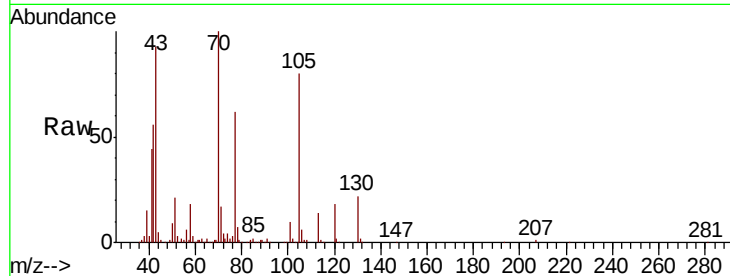
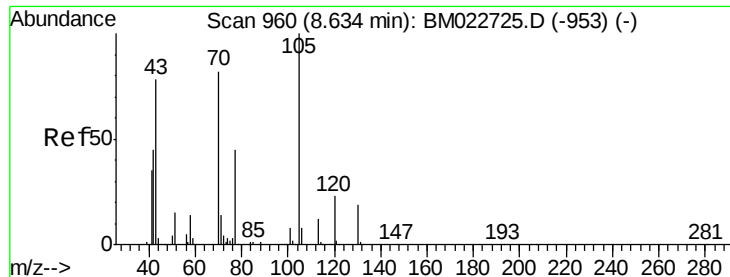
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#18
Hexachloroethane
Concen: 34.935 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	78.0	117.0	
201	101.3	85.0	127.6	





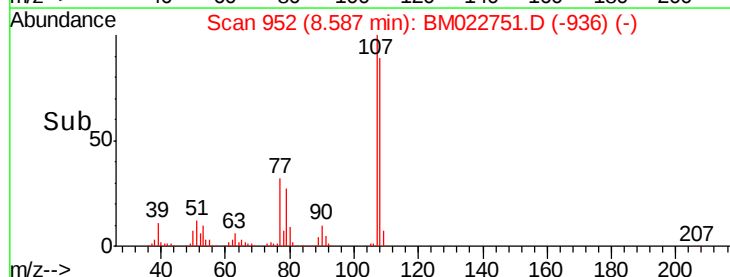
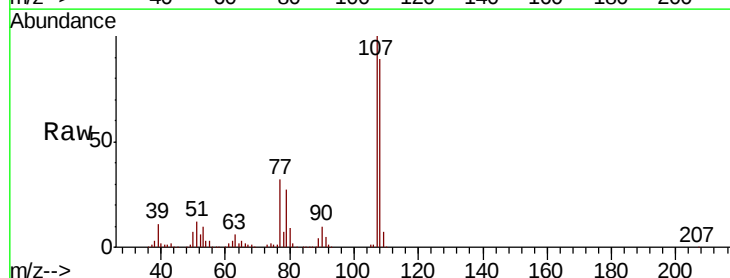
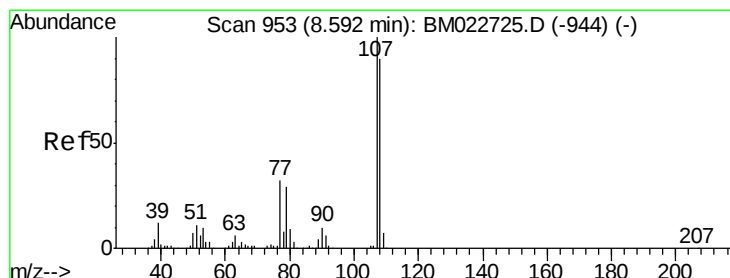
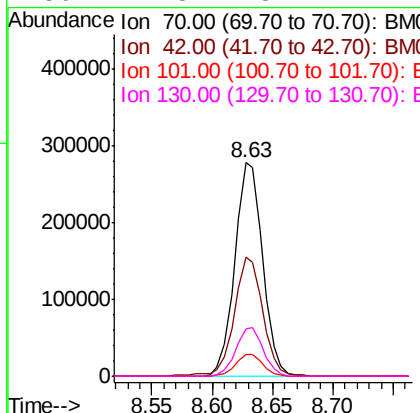
#19
n-Nitroso-di-n-propylamine
Concen: 39.489 ng
RT: 8.63 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.5	44.4	66.6		
101	10.1	7.8	11.6		
130	22.3	18.2	27.4		

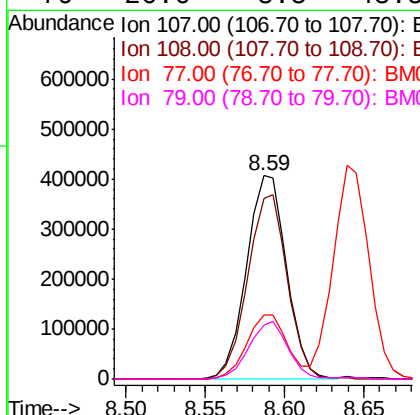
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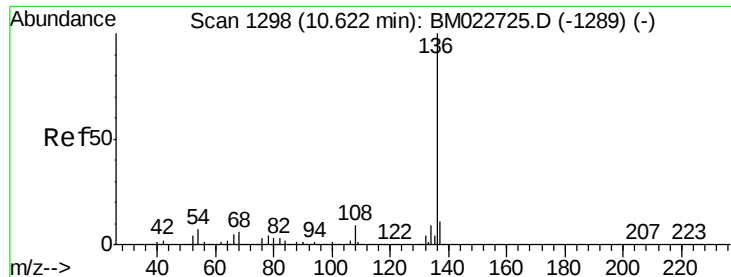
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#20
3+4-Methylphenols
Concen: 42.403 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.2	70.1	110.1		
77	31.7	12.1	52.1		
79	26.6	8.5	48.5		





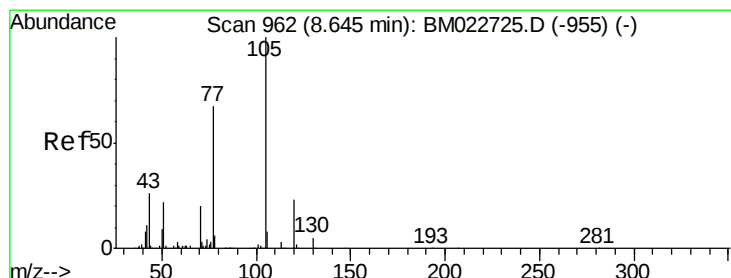
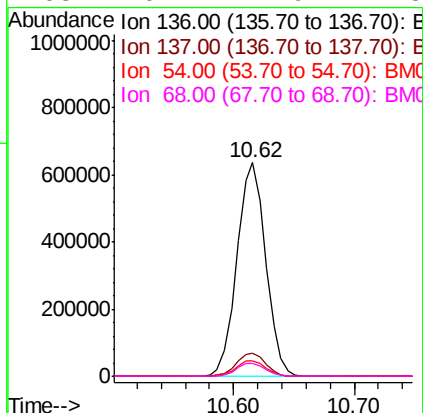
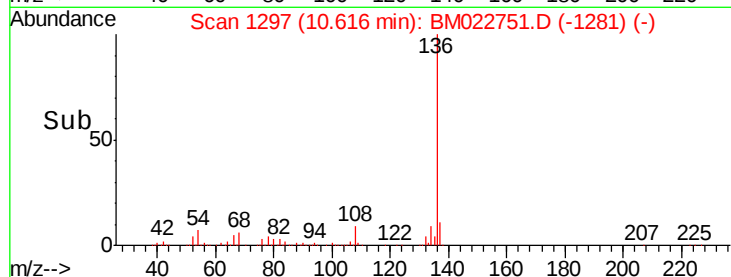
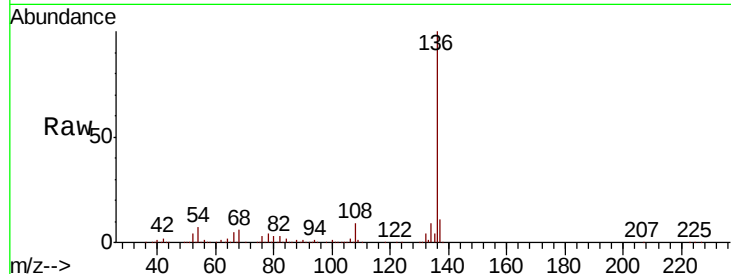
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	136	Resp	1055769
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.4	6.0	9.0
68	6.2	4.9	7.3

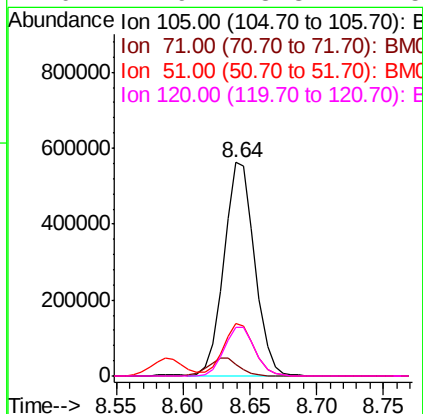
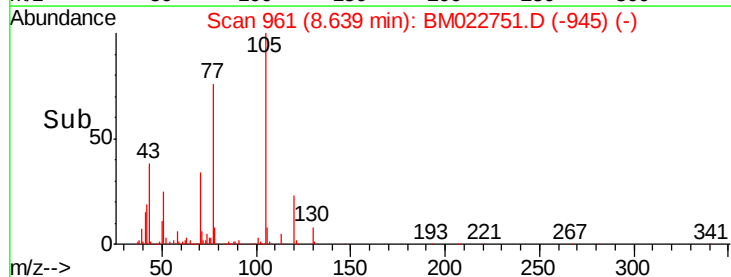
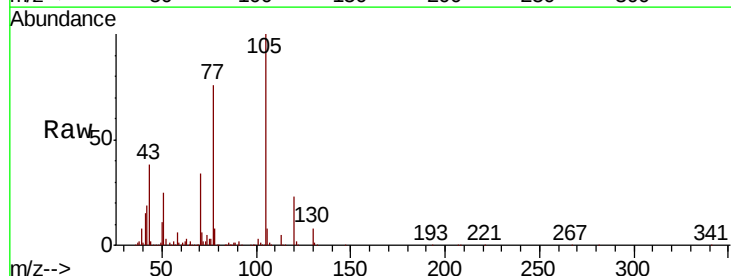
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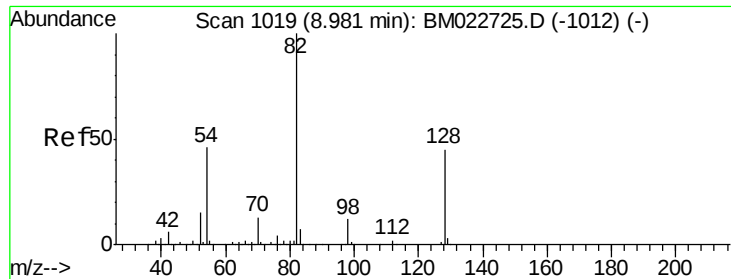
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#22
Acetophenone
Concen: 34.701 ng
RT: 8.64 min Scan# 961
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	105	Resp	904322
Ion	Ratio	Lower	Upper
105	100		
71	5.7	2.7	4.1#
51	24.6	19.9	29.9
120	22.9	18.3	27.5





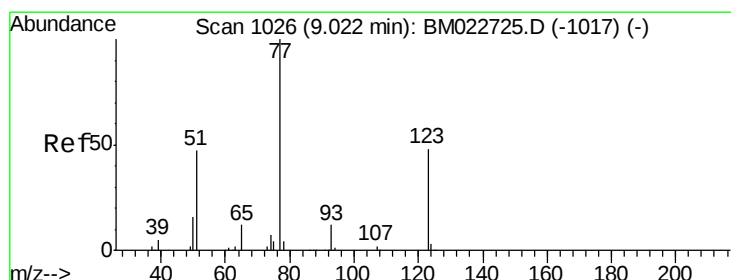
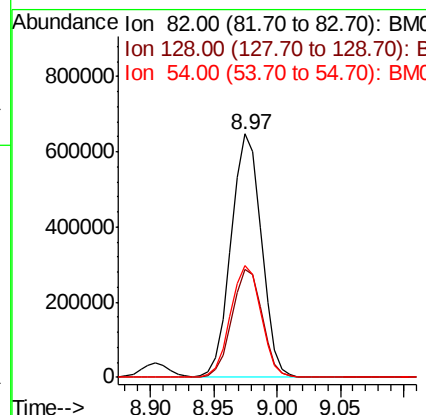
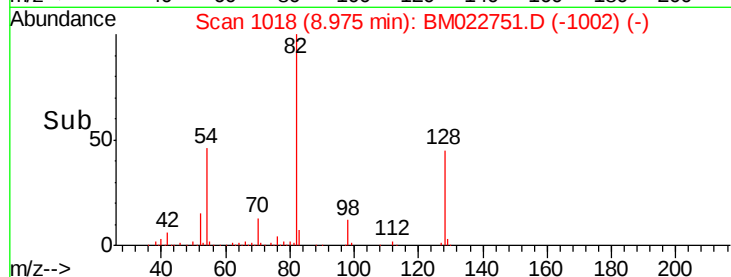
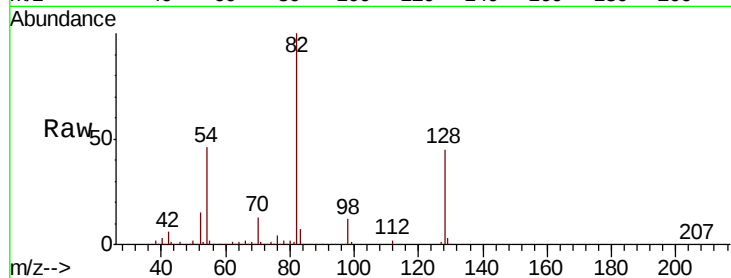
#23
Nitrobenzene-d5
Concen: 56.243 ng
RT: 8.97 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.0	54.0
54	46.0	37.1	55.7

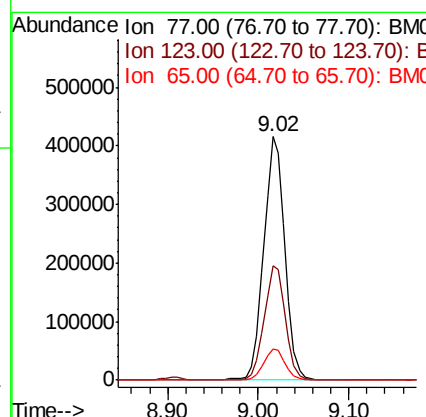
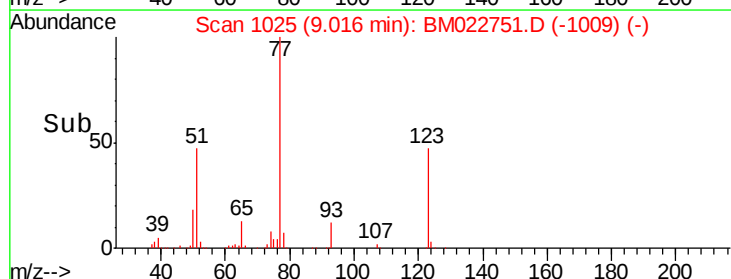
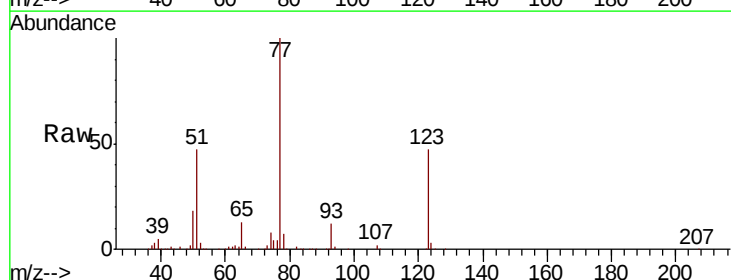
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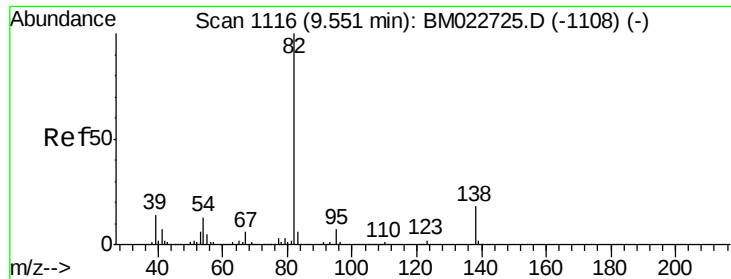
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#24
Nitrobenzene
Concen: 36.579 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	38.0	57.0
65	12.8	10.0	15.0





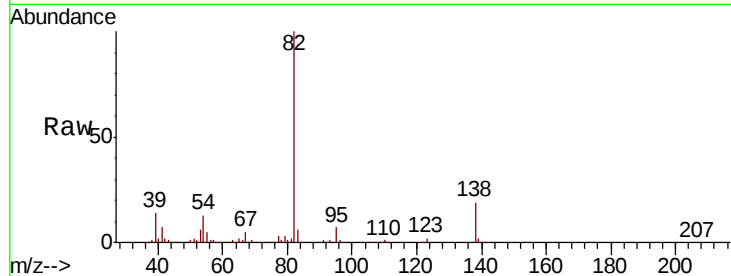
#25
Isophorone
Concen: 39.101 ng
RT: 9.55 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.0
138	18.9	14.7	22.1

Manual Integrations
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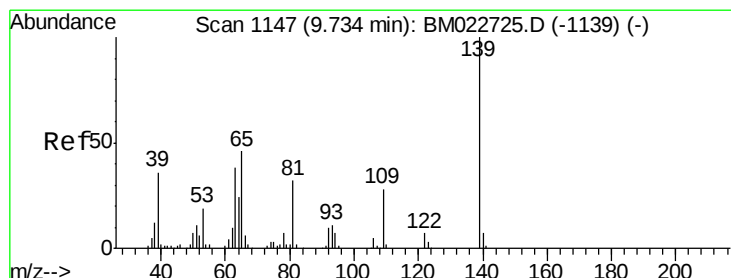
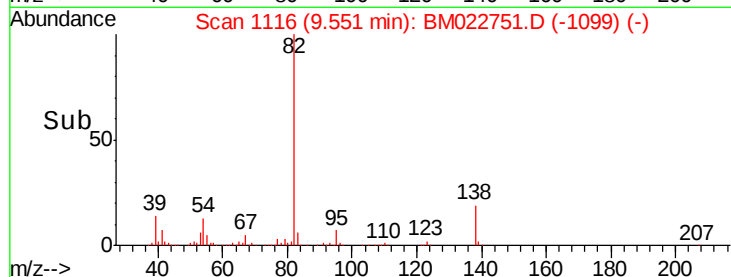
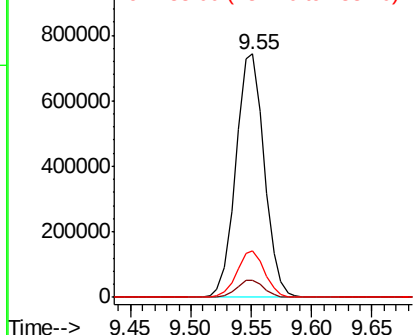


Abundance

Ion 82.00 (81.70 to 82.70): BM022751.D (-1099) (-)

Ion 95.00 (94.70 to 95.70): BM022751.D (-1099) (-)

Ion 138.00 (137.70 to 138.70): BM022751.D (-1099) (-)



#26
2-Nitrophenol
Concen: 39.164 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

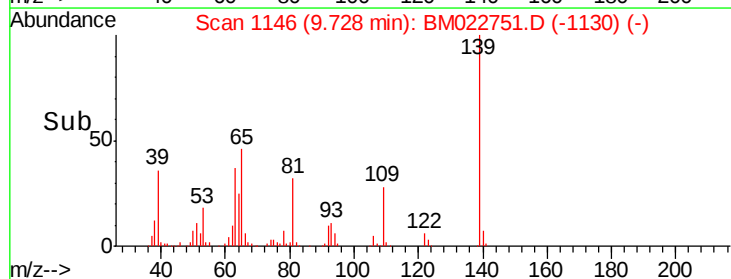
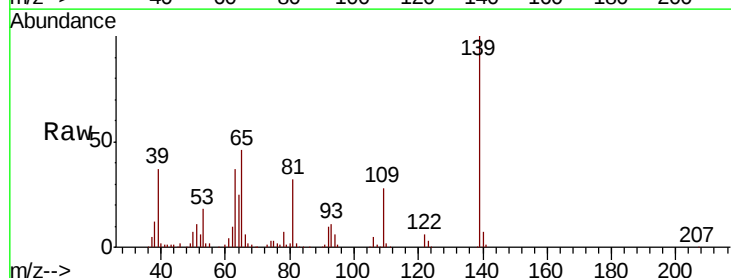
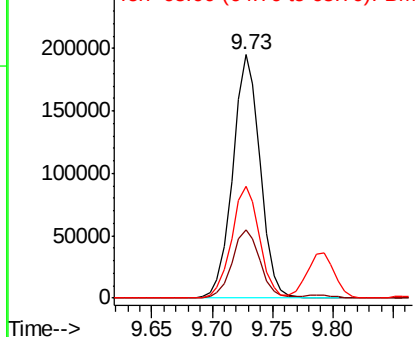
Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.9	22.6	33.8
65	45.9	37.0	55.4

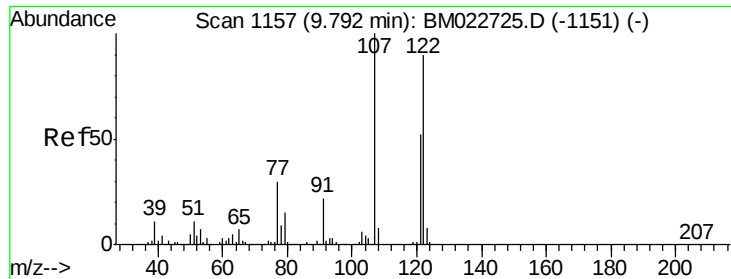
Abundance

Ion 139.00 (138.70 to 139.70): BM022751.D (-1130) (-)

Ion 109.00 (108.70 to 109.70): BM022751.D (-1130) (-)

Ion 65.00 (64.70 to 65.70): BM022751.D (-1130) (-)





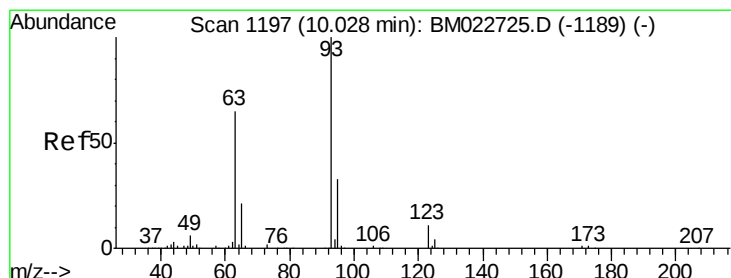
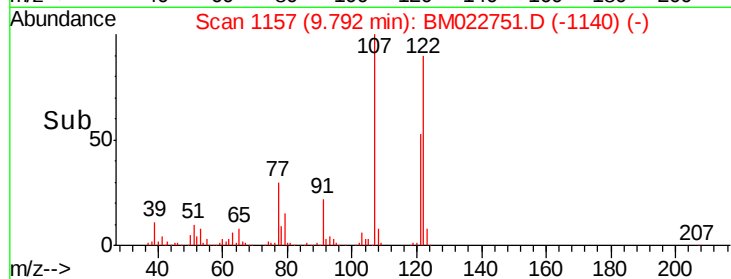
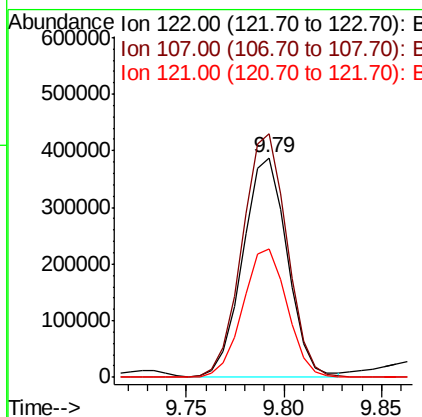
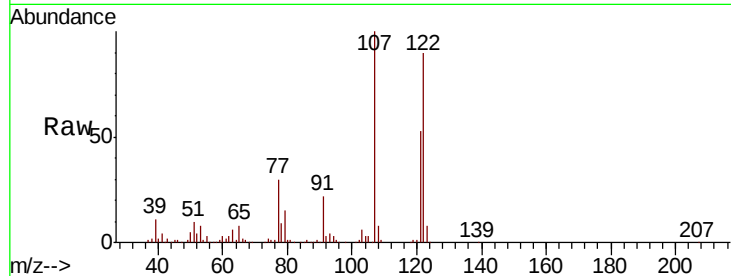
#27
2,4-Dimethylphenol
Concen: 46.212 ng
RT: 9.79 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	607762		
107	110.9	88.9	133.3	
121	58.3	46.5	69.7	

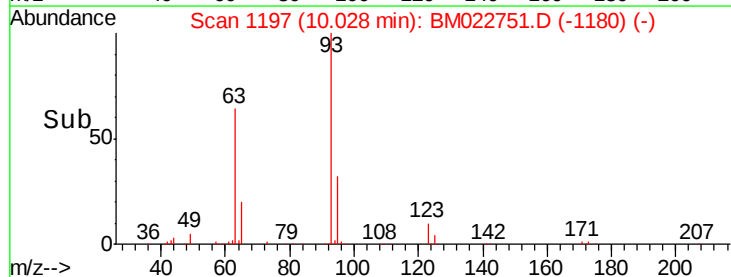
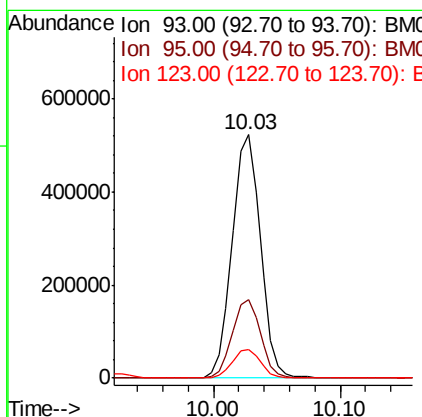
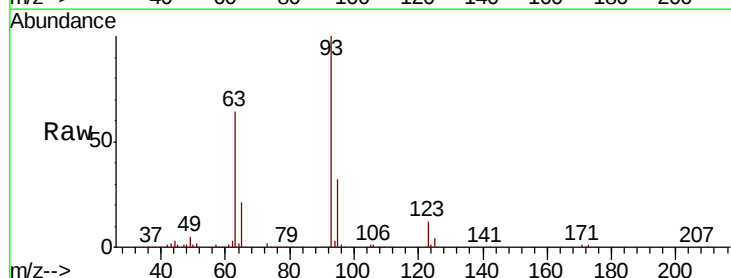
Manual Integrations
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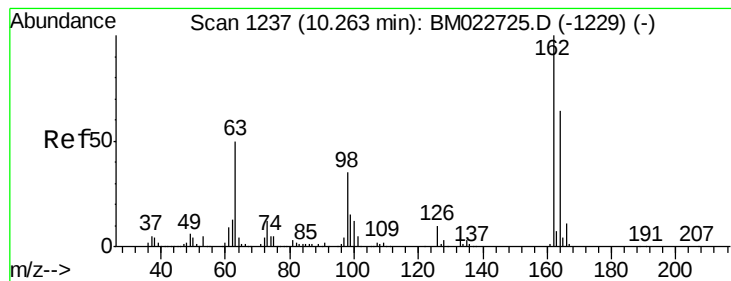
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#28
bis(2-Chloroethoxy)methane
Concen: 37.297 ng
RT: 10.03 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	807118		
95	32.4	26.0	39.0	
123	11.7	9.0	13.6	





#29

2,4-Dichlorophenol

Concen: 40.991 ng

RT: 10.26 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

Instrument :

BNA_M

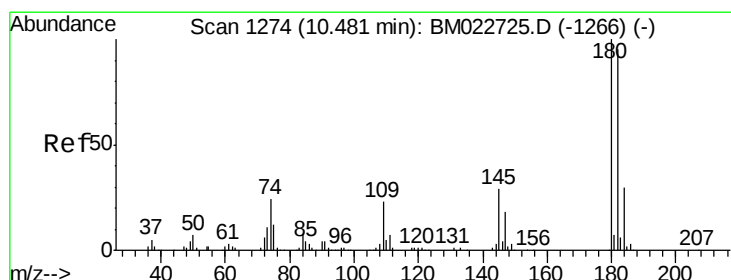
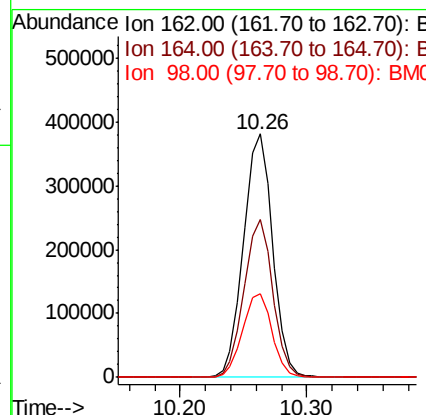
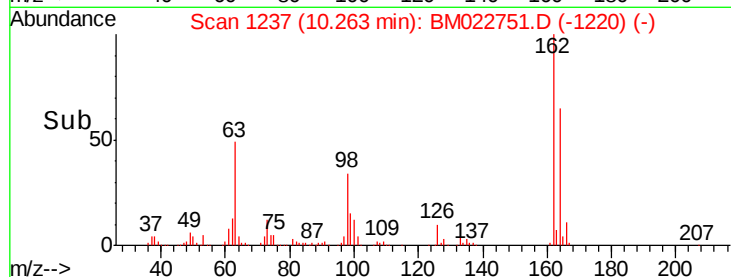
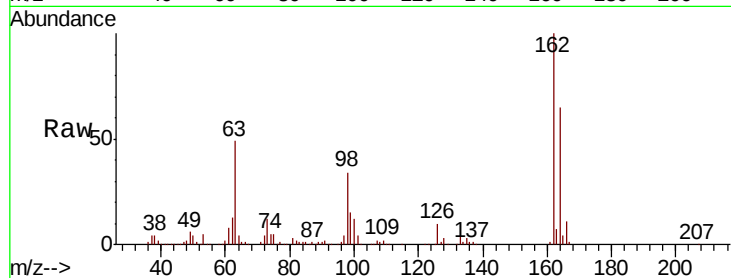
ClientSampled :

PB123301BS

Tot Ion:	162	Resp:	609507
Ion Ratio	Lower	Upper	
162	100		
164	64.8	44.4	84.4
98	34.4	14.8	54.8

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#30

1,2,4-Trichlorobenzene

Concen: 35.064 ng

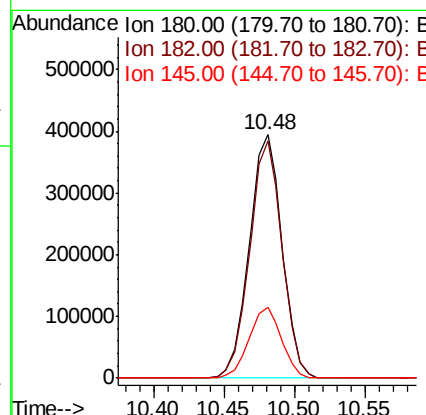
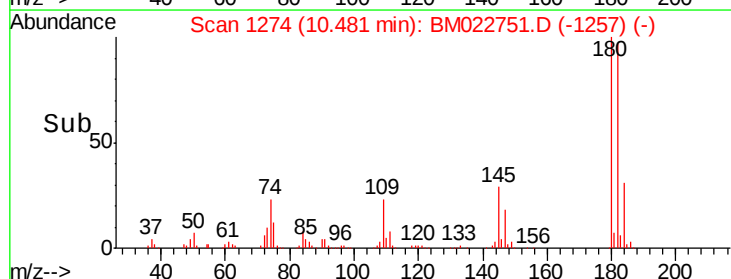
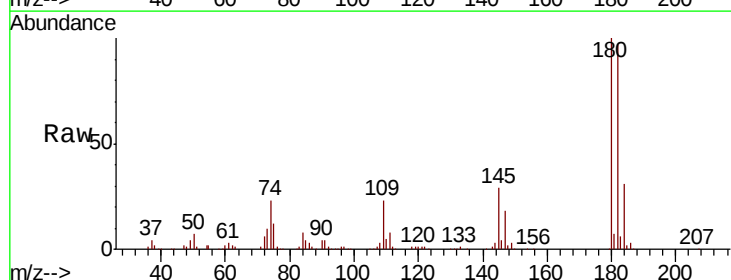
RT: 10.48 min Scan# 1274

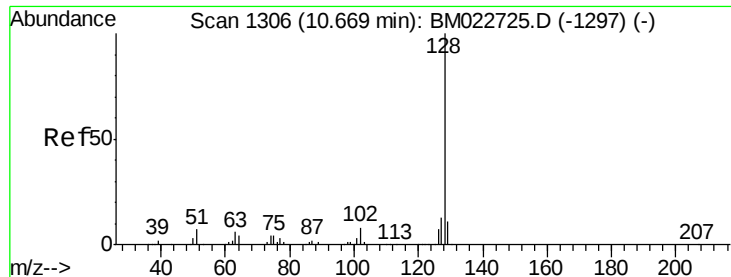
Delta R.T. -0.00 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

Tgt Ion:	180	Resp:	641470
Ion Ratio	Lower	Upper	
180	100		
182	97.2	76.2	114.2
145	29.1	23.0	34.4





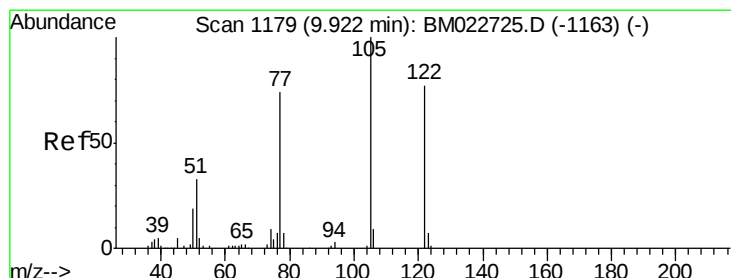
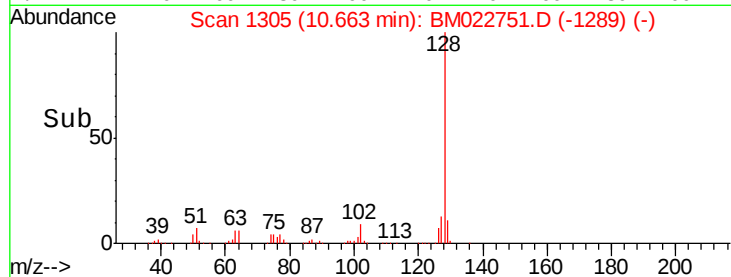
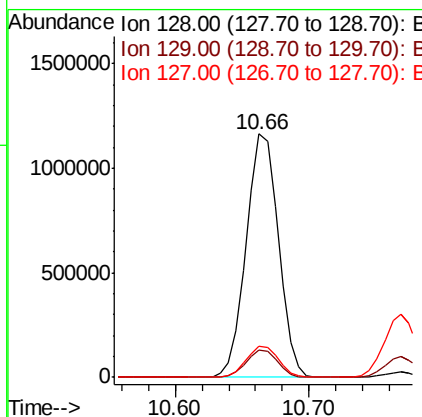
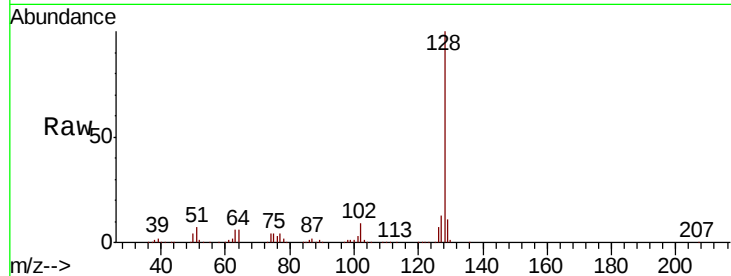
#31
Naphthalene
Concen: 37.245 ng
RT: 10.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.8	10.2	15.4

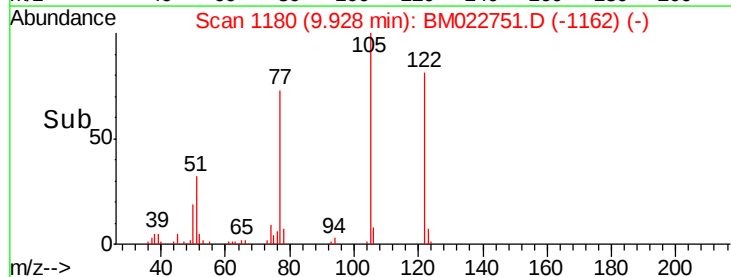
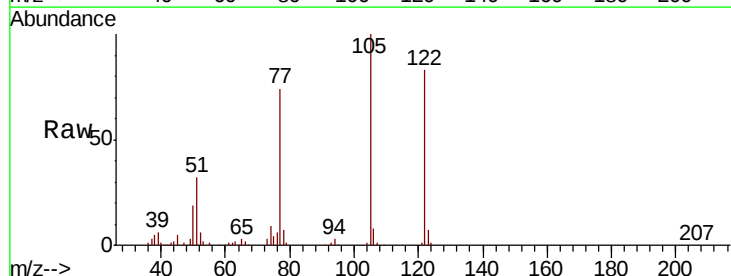
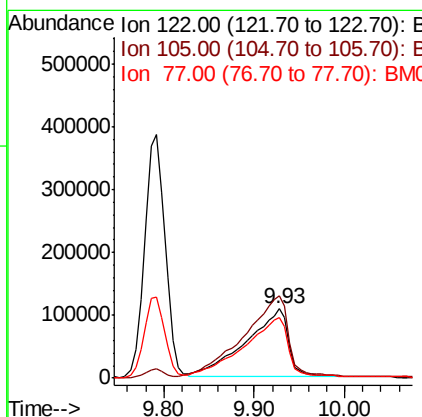
Manual Integrations
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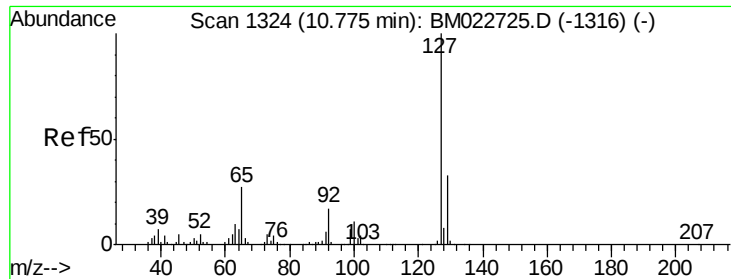
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#32
Benzoic acid
Concen: 38.920 ng
RT: 9.93 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.8	105.3	145.3
77	88.7	74.7	114.7





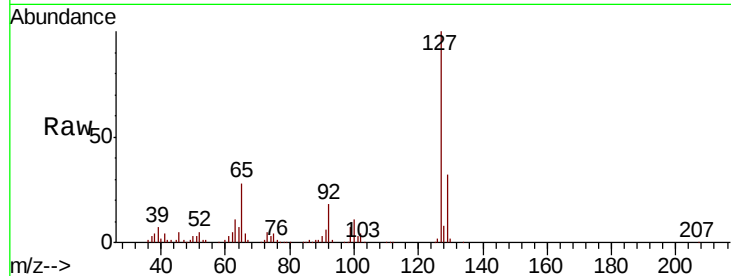
#33
4-Chloroaniline
Concen: 22.541 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

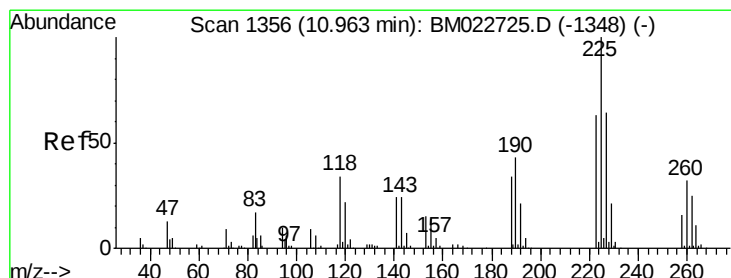
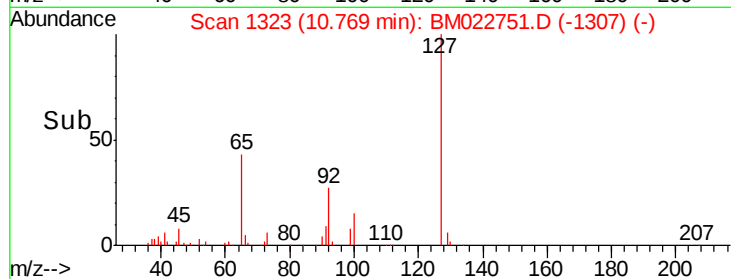
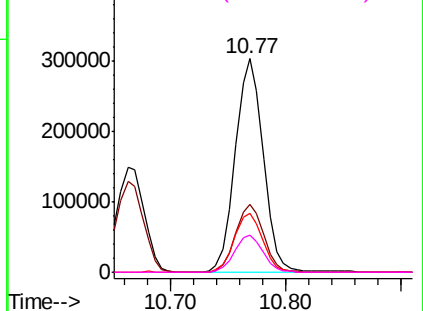
Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.0	26.1	39.1
65	27.9	22.0	33.0
92	17.6	13.8	20.8

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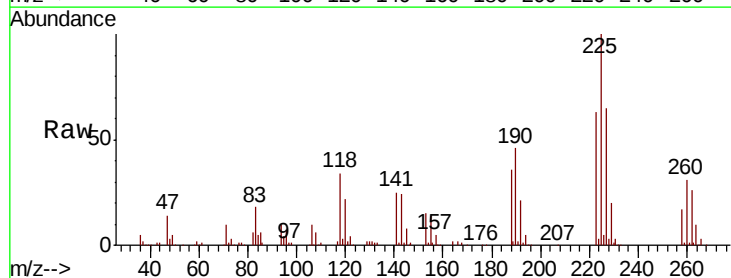


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

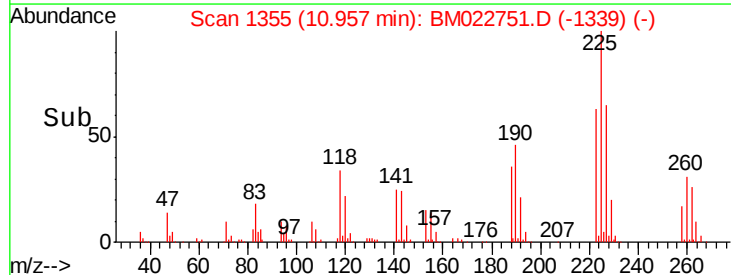
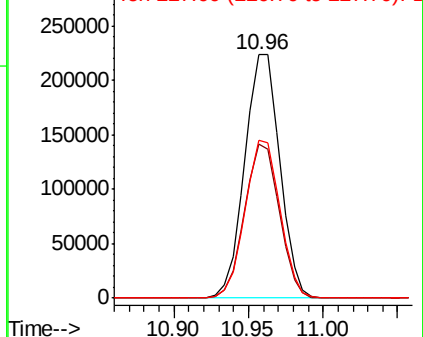


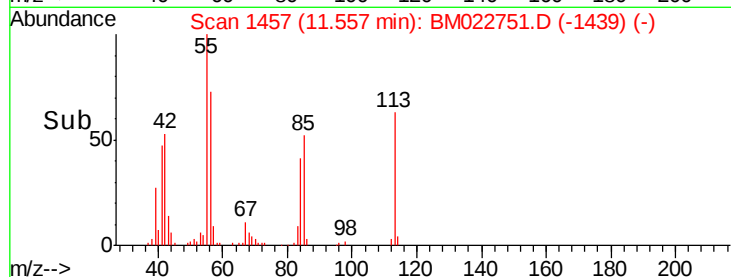
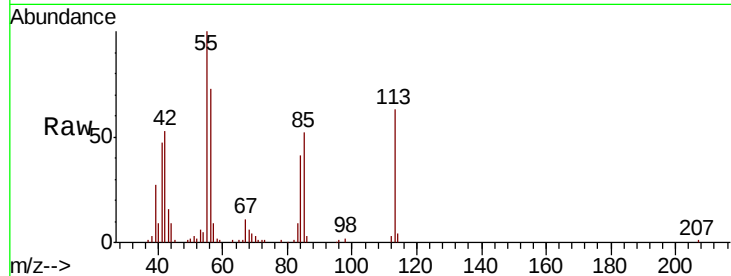
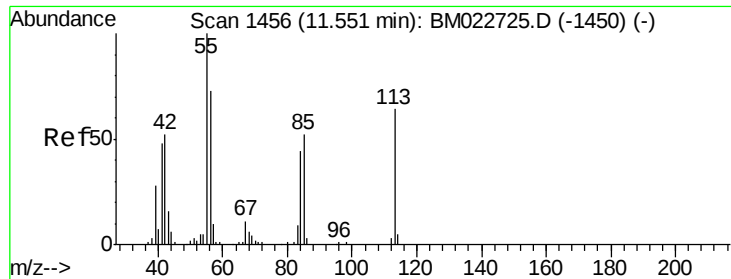
#34
Hexachlorobutadiene
Concen: 33.435 ng
RT: 10.96 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.1	50.2	75.4
227	64.9	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





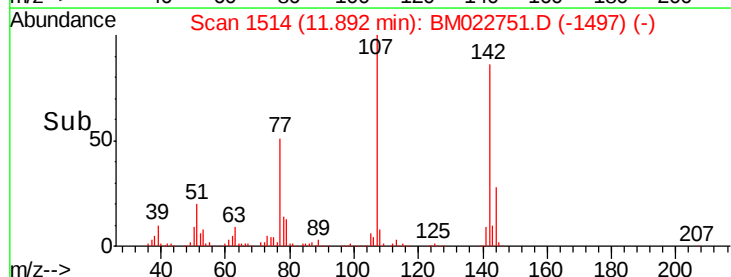
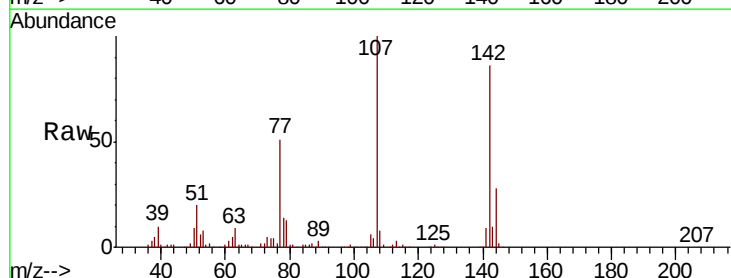
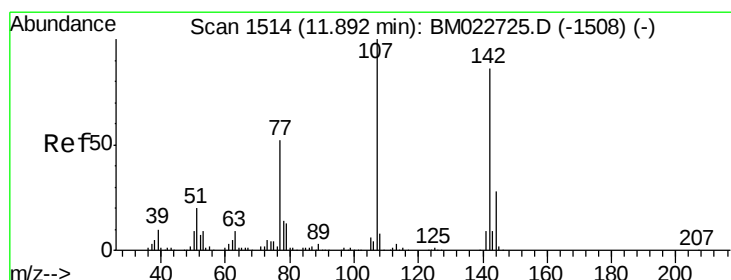
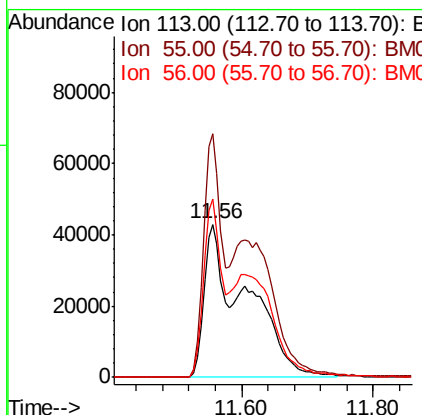
#35
Caprolactam
Concen: 42.745 ng/ml
RT: 11.56 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	159.3	136.8	176.8	
56	116.8	95.2	135.2	

Instrument :
BNA_M
ClientSampleId :
PB123301BS

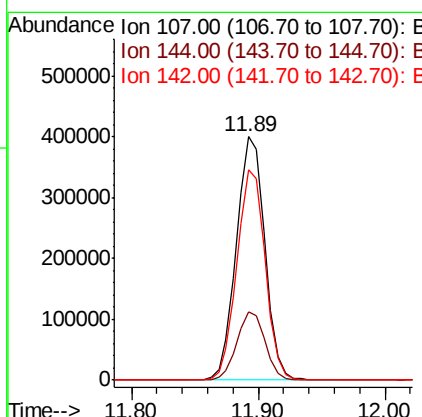
Manual Integrations
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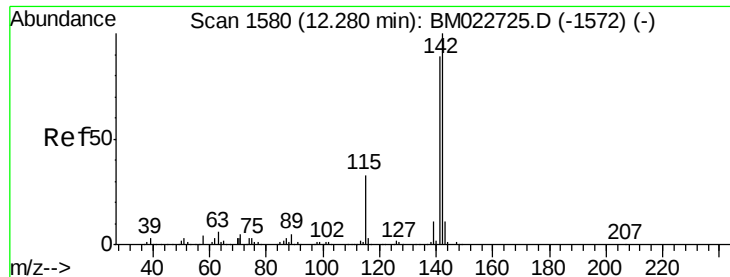
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#36
4-Chloro-3-methylphenol
Concen: 42.822 ng/ml
RT: 11.89 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	28.2	22.4	33.6	
142	86.3	68.2	102.4	





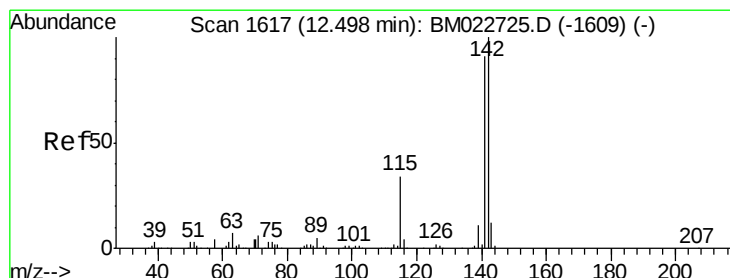
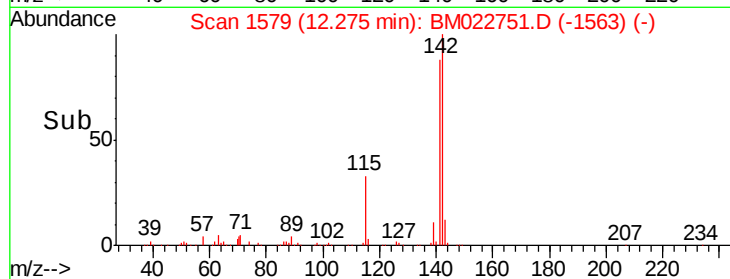
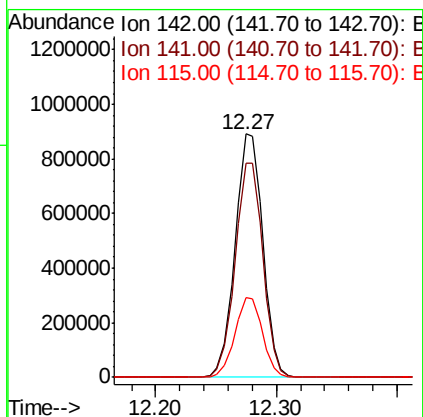
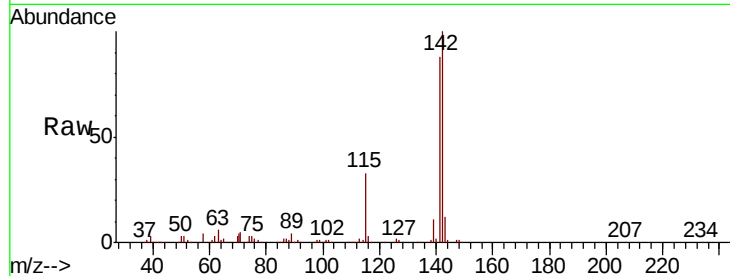
#37
2-Methylnaphthalene
Concen: 39.308 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.5	107.3
115	33.0	26.1	39.1

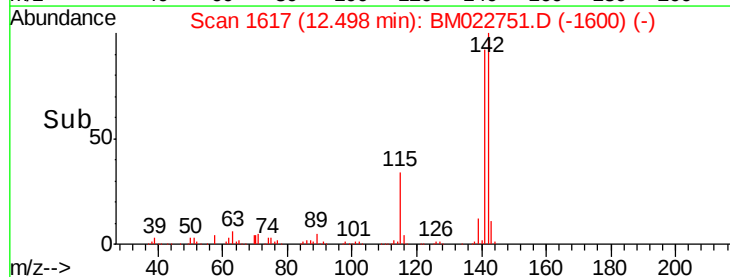
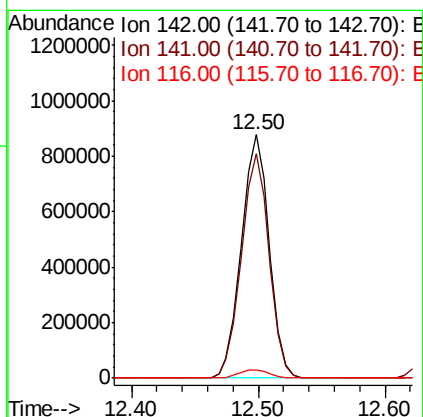
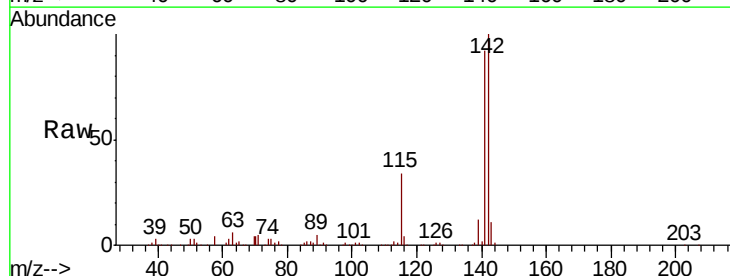
Manual Integrations
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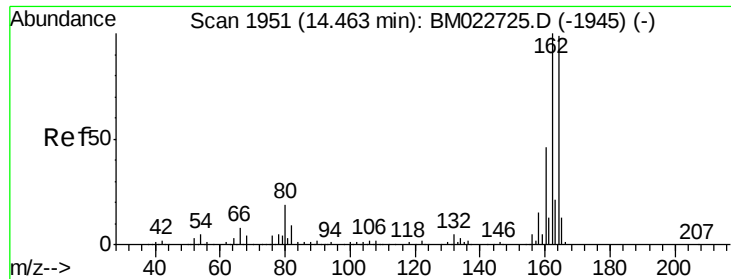
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#38
1-Methylnaphthalene
Concen: 38.645 ng
RT: 12.50 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.0	109.4
116	3.5	2.9	4.3





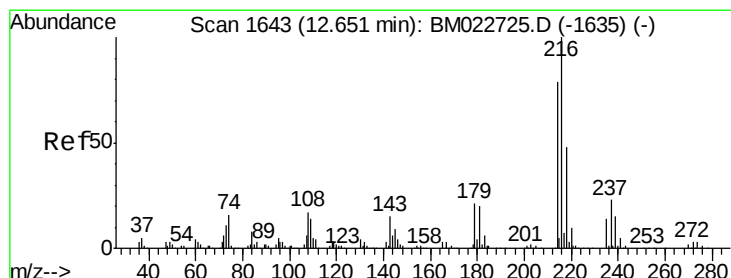
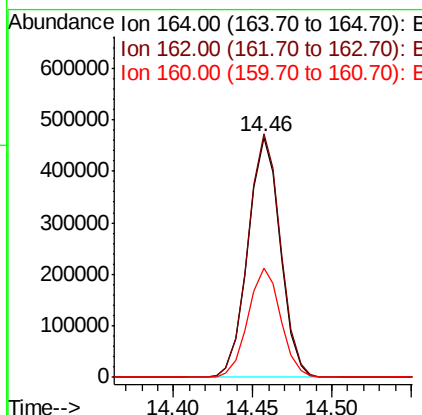
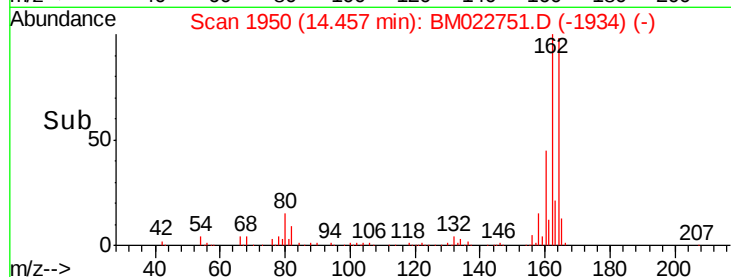
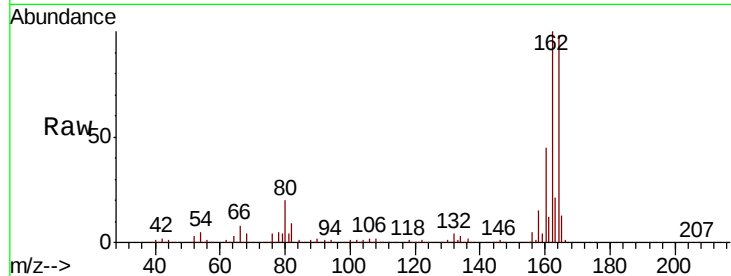
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	81.1	121.7	
160	45.3	36.9	55.3	

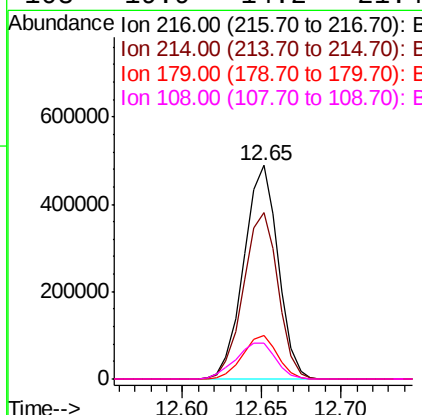
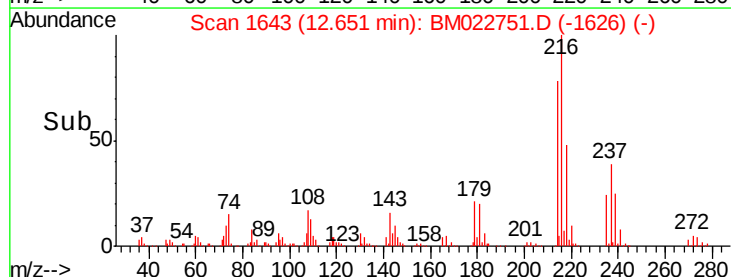
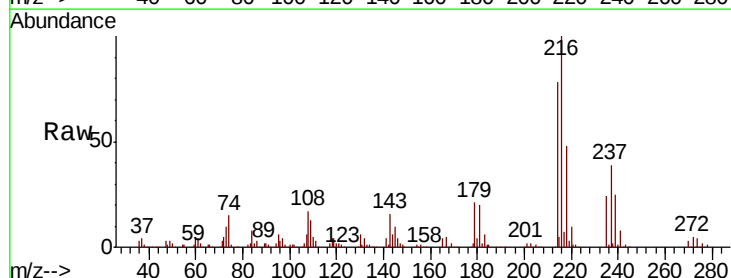
Manual Integrations
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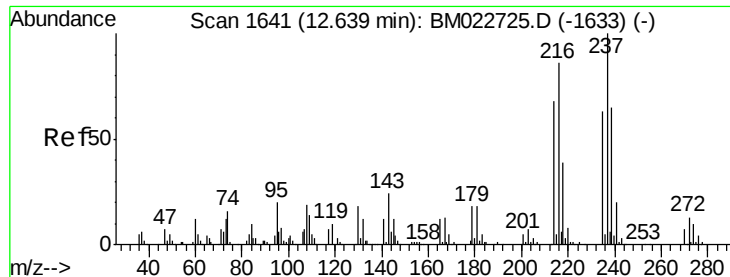
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.980 ng
RT: 12.65 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	62.9	94.3	
179	20.5	16.6	24.8	
108	19.9	14.2	21.4	





#41

Hexachlorocyclopentadiene

Concen: 78.852 ng

RT: 12.64 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

Instrument :

BNA_M

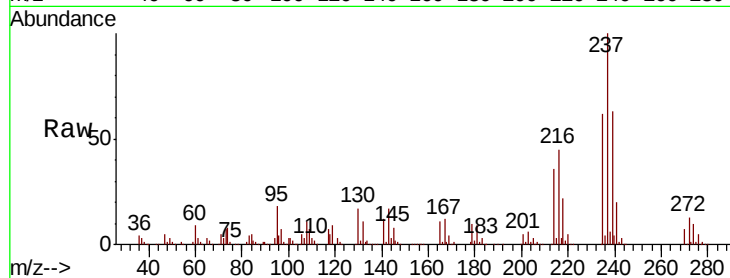
ClientSampleId :

PB123301BS

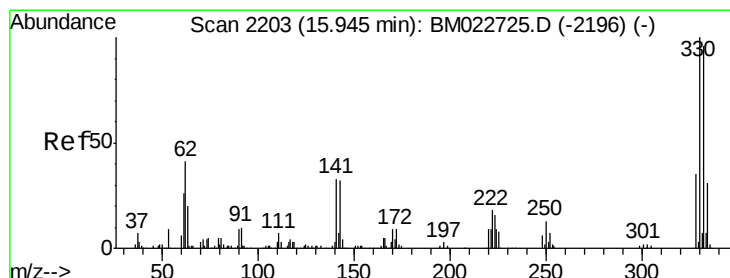
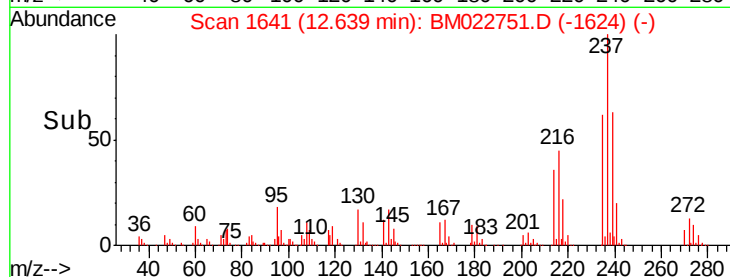
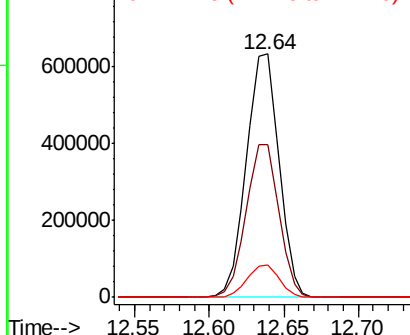
Tot Ion:	237	Resp:	959795
Ion Ratio	Lower	Upper	
237	100		
235	62.5	43.3	83.3
272	13.1	0.0	32.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 95.462 ng

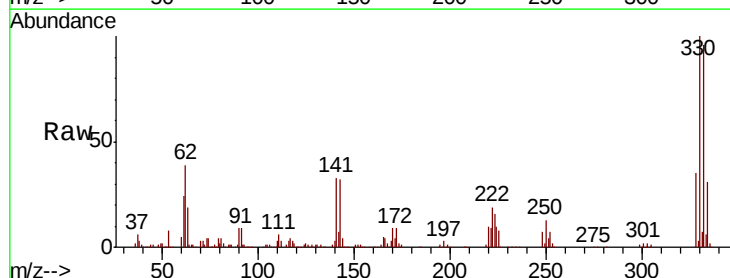
RT: 15.94 min Scan# 2203

Delta R.T. -0.00 min

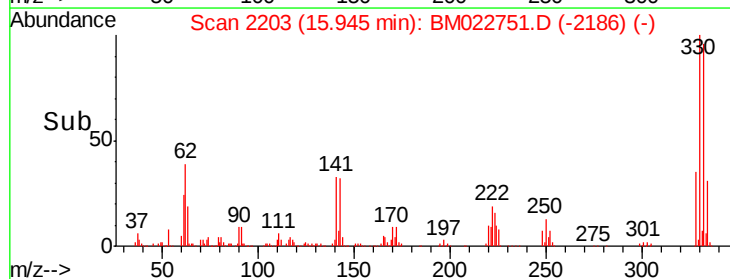
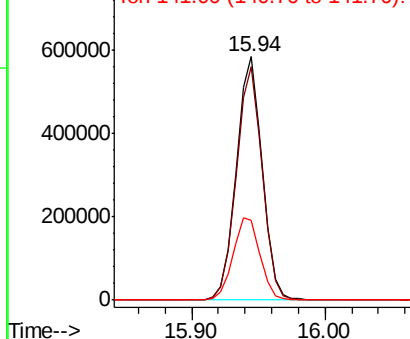
Lab File: BM022751.D

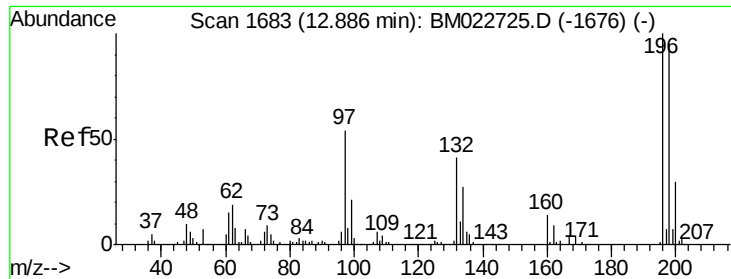
Acq: 24 Sep 2019 15:48

Tgt Ion:	330	Resp:	784611
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.9	115.3
141	35.8	28.6	42.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





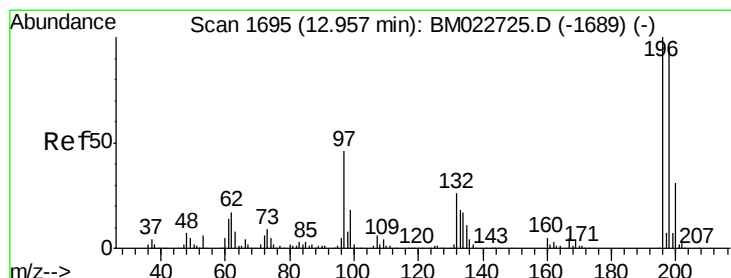
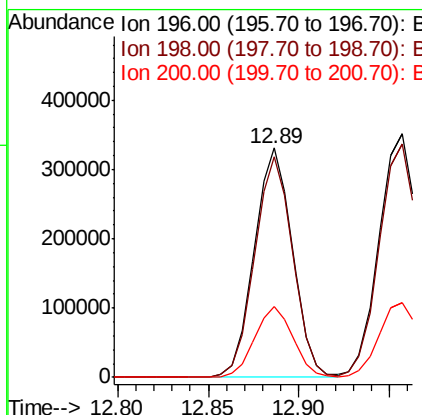
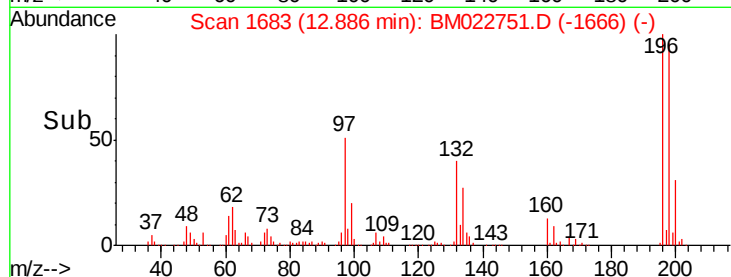
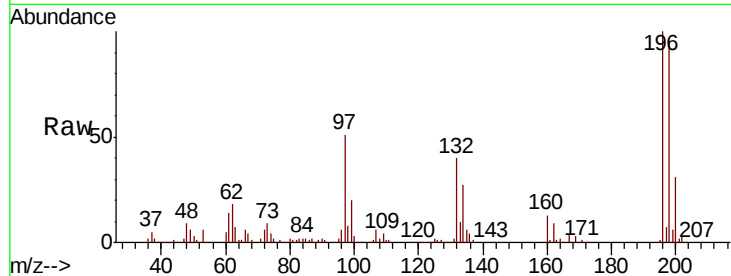
#43
 2,4,6-Trichlorophenol
 Concen: 37.605 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BM022751.D
 Acq: 24 Sep 2019 15:48

Instrument :
 BNA_M
 ClientSampled :
 PB123301BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.3	114.5
200	31.1	24.4	36.6

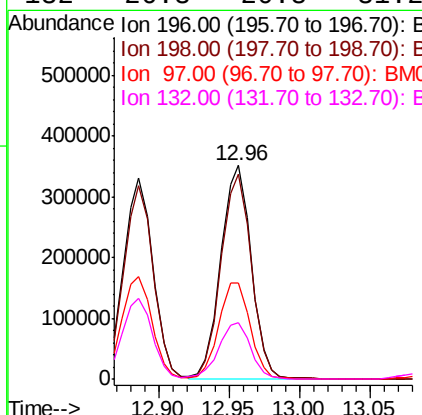
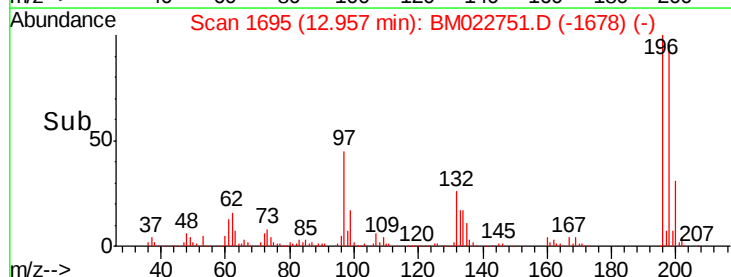
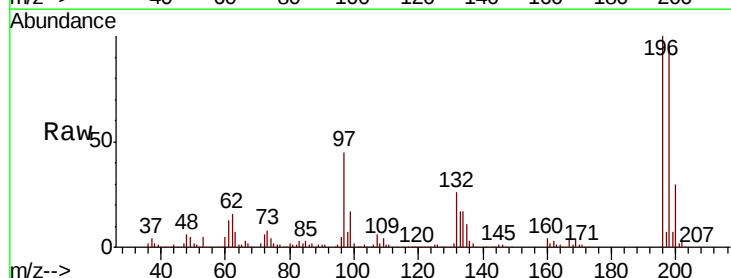
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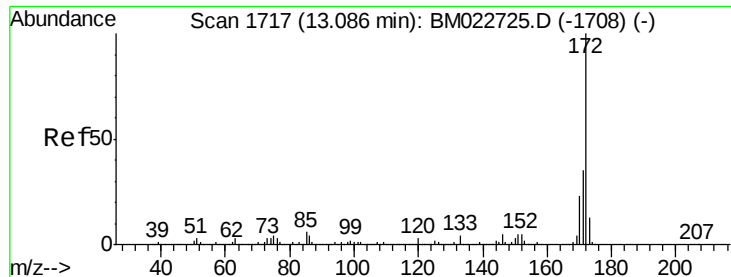
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#44
 2,4,5-Trichlorophenol
 Concen: 39.064 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BM022751.D
 Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.0	115.4
97	44.8	37.2	55.8
132	26.3	20.8	31.2





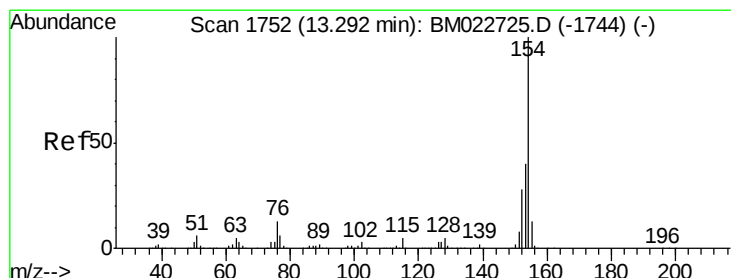
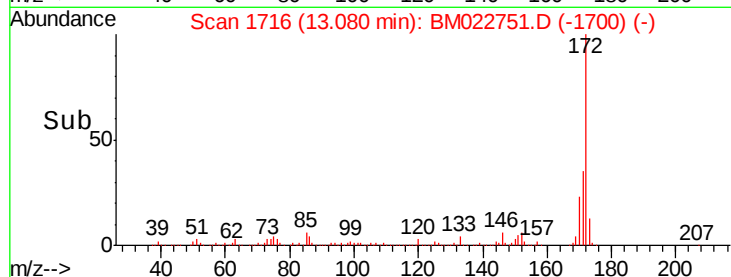
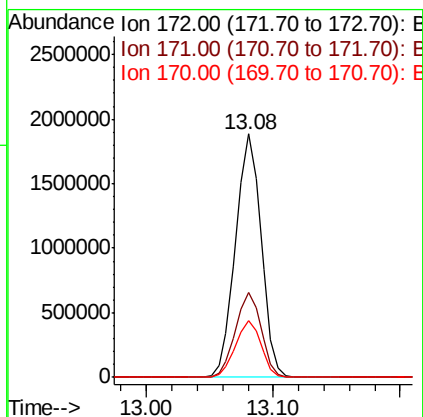
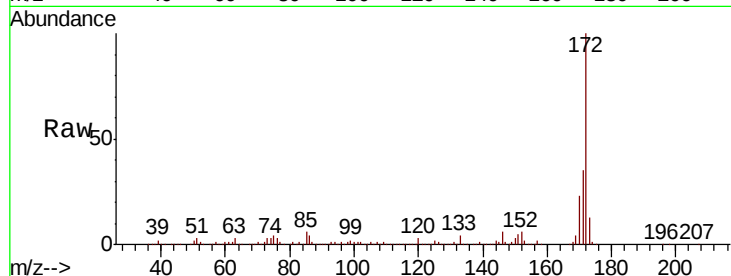
#45
2-Fluorobiphenyl
Concen: 55.007 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.8
170	23.3	18.7	28.1

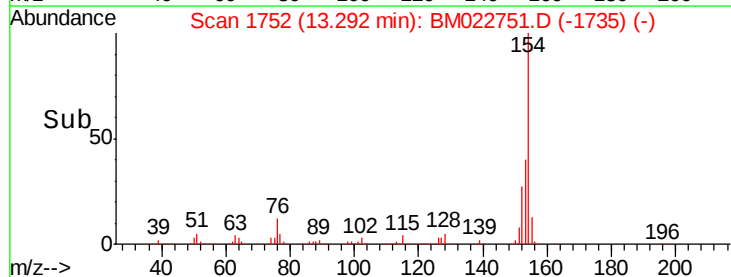
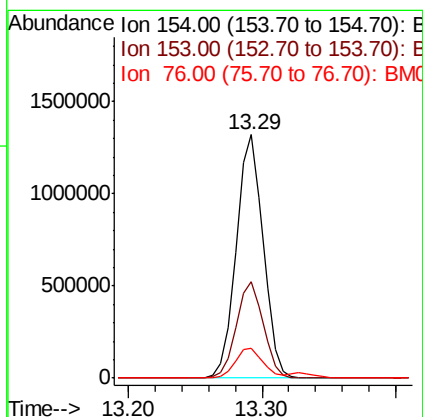
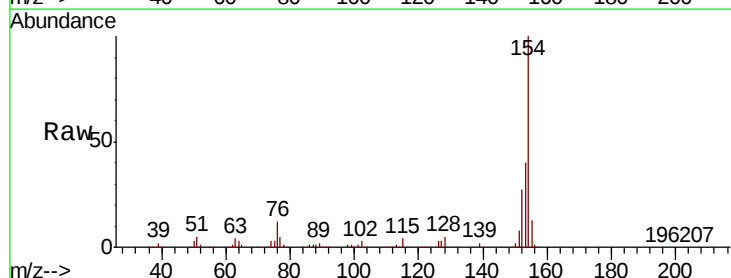
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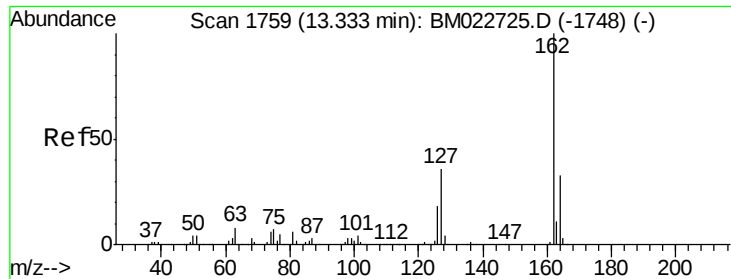
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#46
1,1'-Biphenyl
Concen: 33.688 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.1	60.1
76	12.3	0.0	32.6





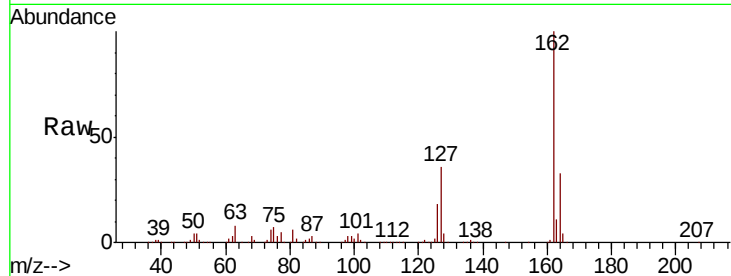
#47
 2-Chloronaphthalene
 Concen: 34.353 ng
 RT: 13.33 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BM022751.D
 Acq: 24 Sep 2019 15:48

Instrument :
 BNA_M
 ClientSampleId :
 PB123301BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.0	29.0	43.6
164	33.3	26.0	39.0

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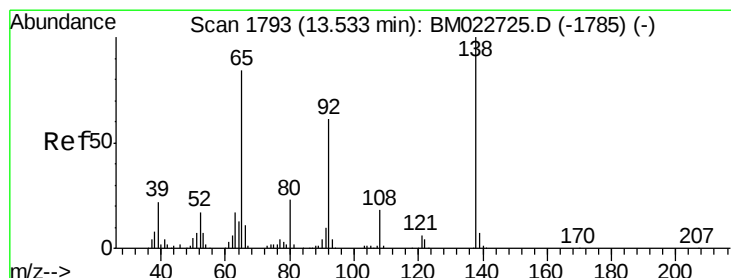
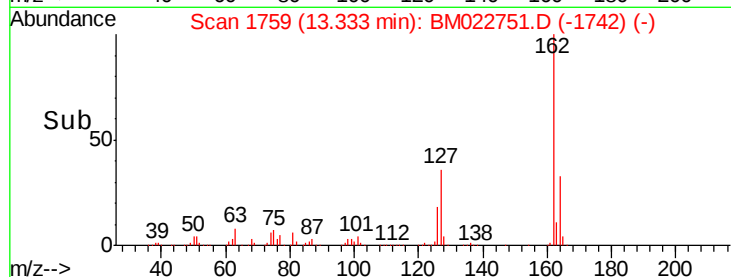
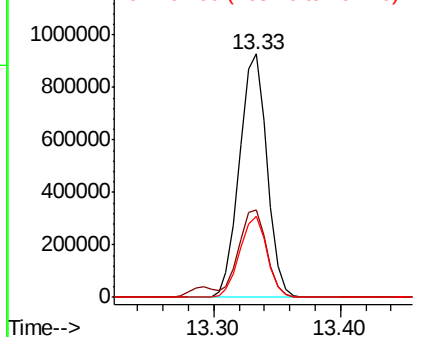


Abundance

Ion 162.00 (161.70 to 162.70): E

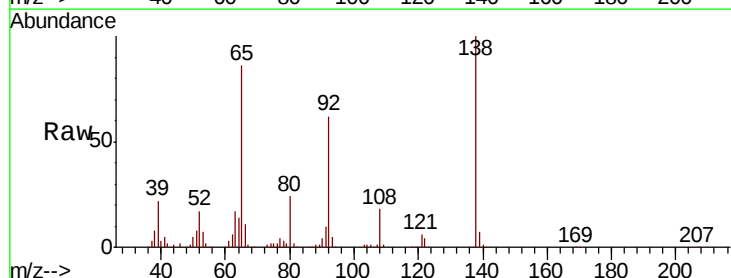
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 35.747 ng
 RT: 13.53 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BM022751.D
 Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	58.6	87.8
138	115.9	95.4	143.0

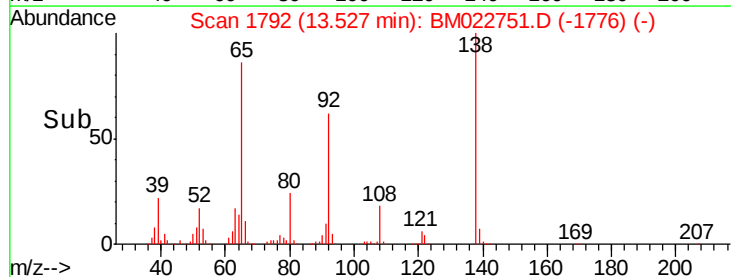
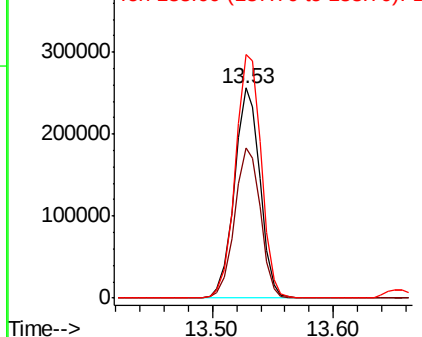


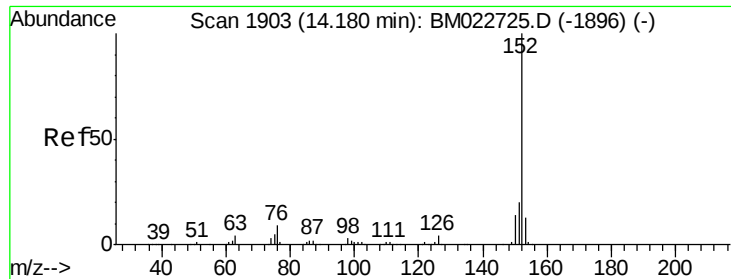
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.611 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

Instrument :

BNA_M

ClientSampleId :

PB123301BS

Tot Ion:152 Resp: 2262078

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

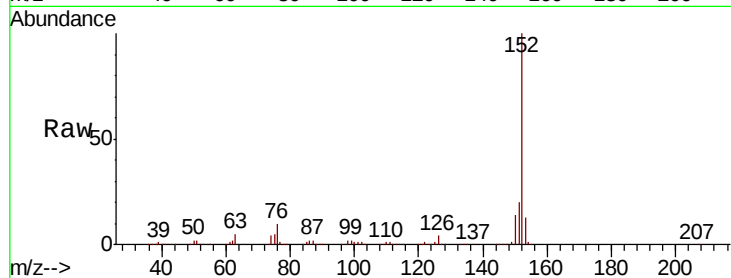
153 13.0 10.5 15.7

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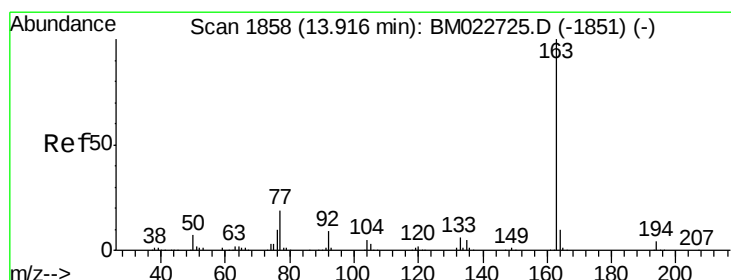
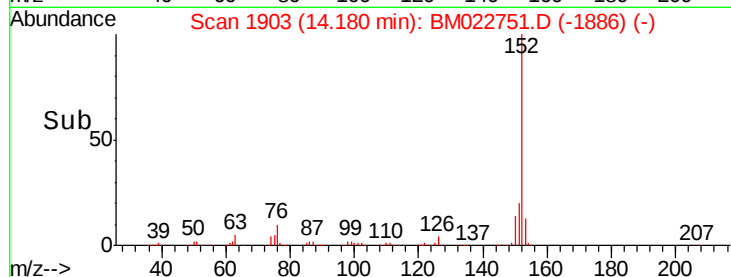
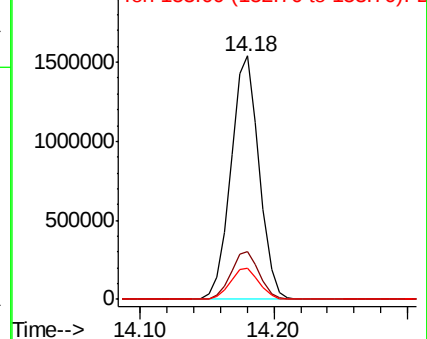


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.672 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

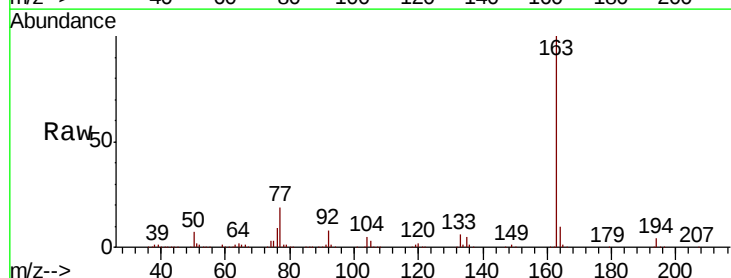
Tgt Ion:163 Resp: 1744884

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.3 8.2 12.2

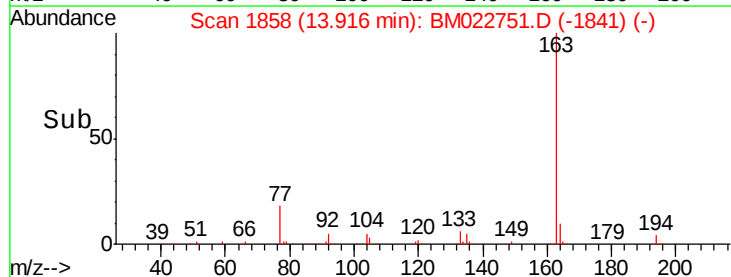
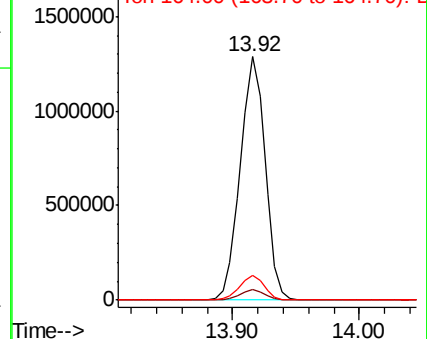


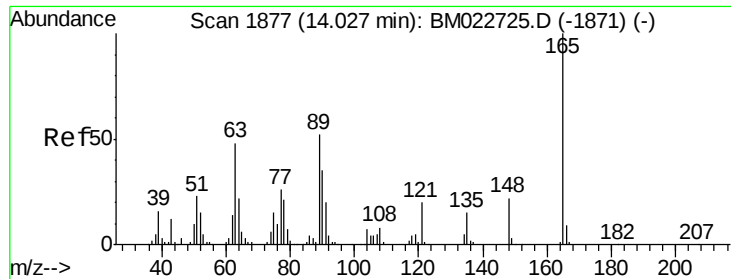
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





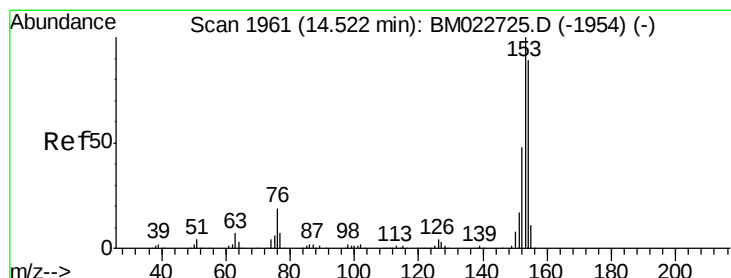
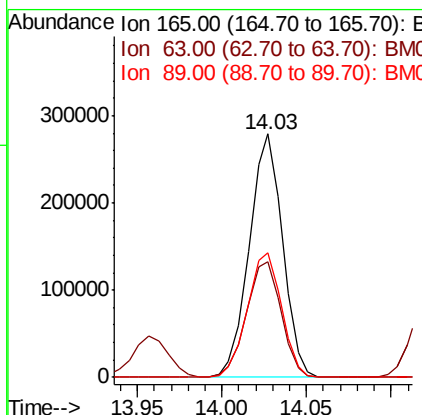
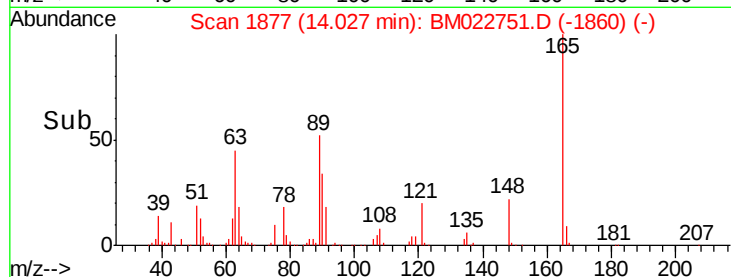
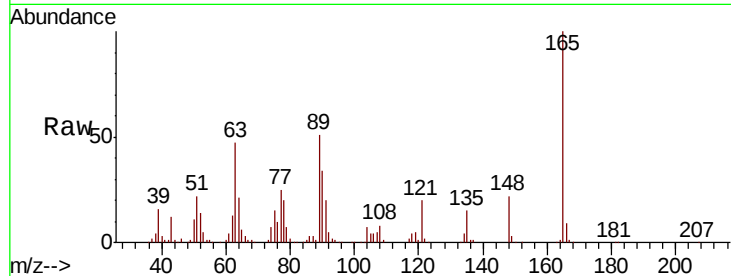
#51
2,6-Dinitrotoluene
Concen: 38.610 ng
RT: 14.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampled :
PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	384272		
63	47.3		38.6	58.0
89	51.2		41.6	62.4

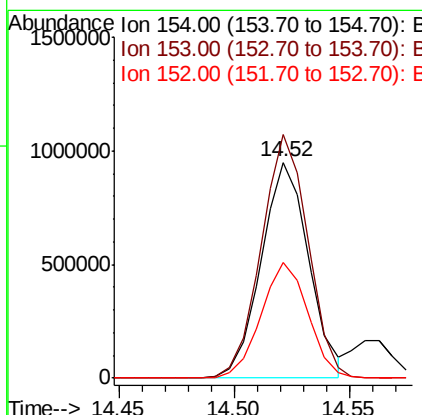
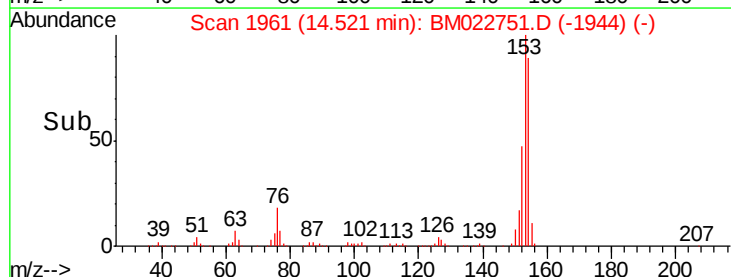
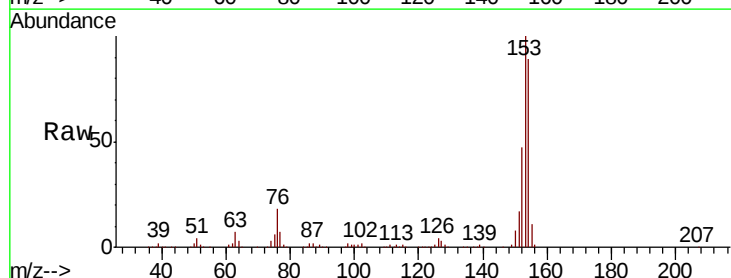
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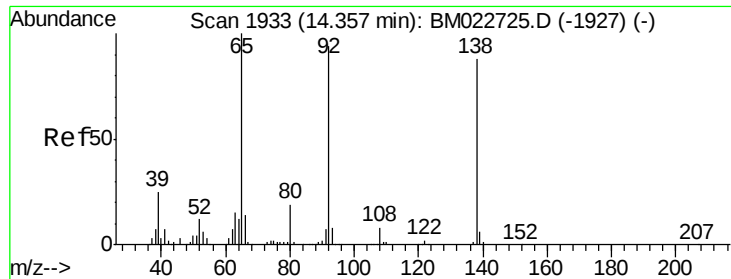
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#52
Acenaphthene
Concen: 34.603 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1361545		
153	112.7		90.0	135.0
152	53.3		42.9	64.3





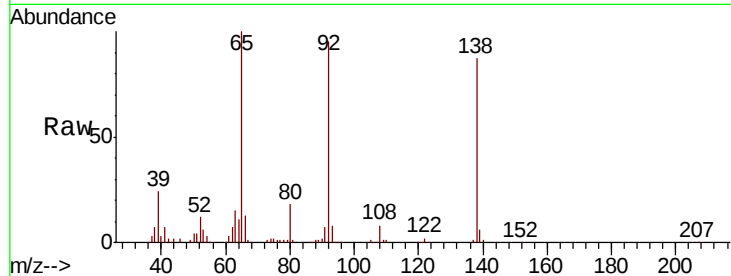
#53
3-Nitroaniline
Concen: 25.347 ng
RT: 14.36 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	290416		
108	9.5	7.3	10.9	
92	108.4	86.3	129.5	

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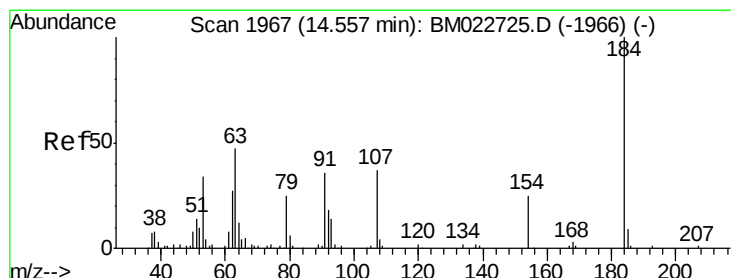
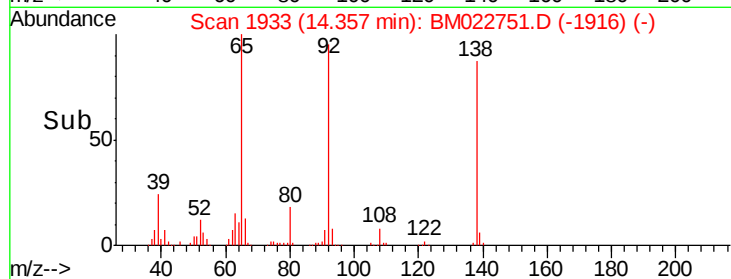
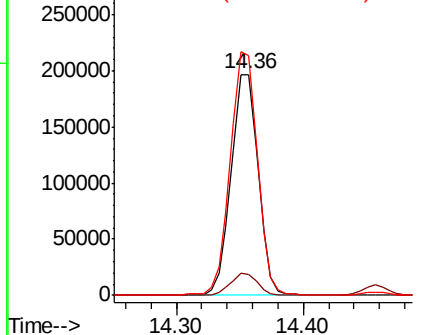


Abundance

Ion 138.00 (137.70 to 138.70): E

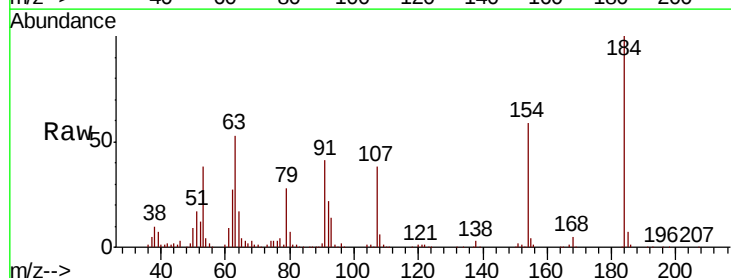
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54
2,4-Dinitrophenol
Concen: 76.208 ng
RT: 14.56 min Scan# 1968
Delta R.T. 0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	408987		
63	52.9	48.5	72.7	
154	58.6	48.1	72.1	

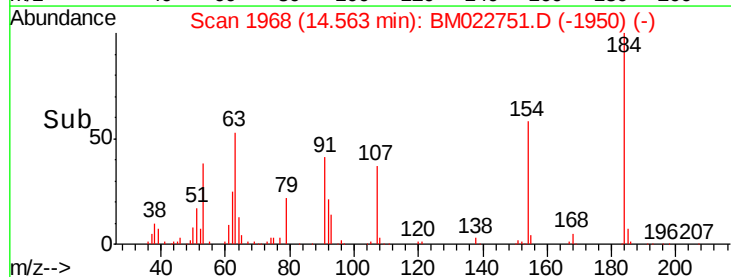
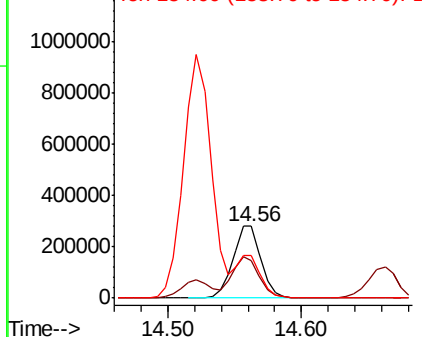


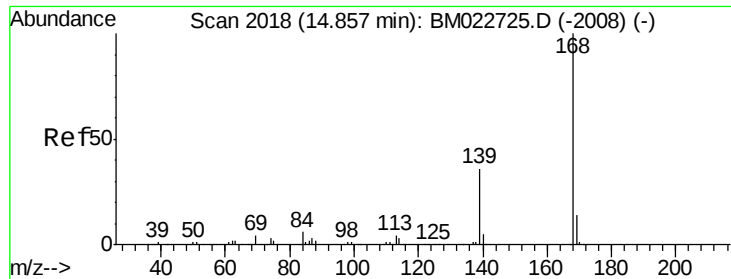
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





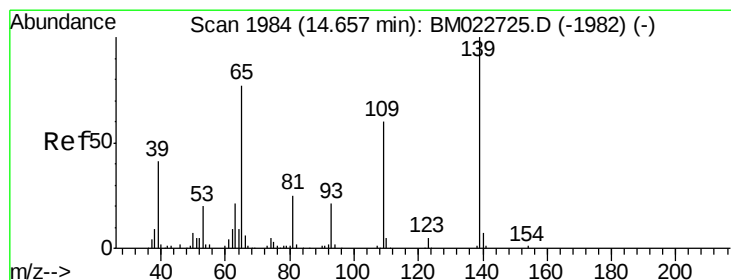
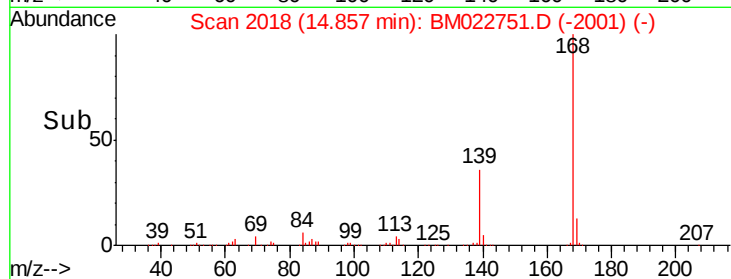
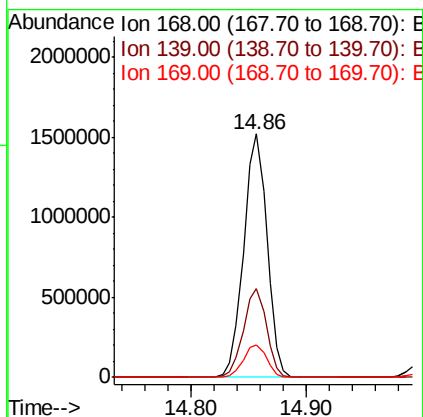
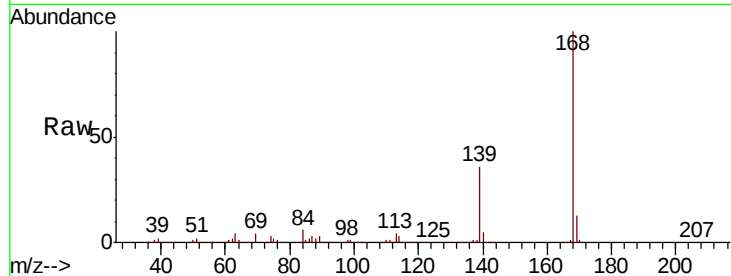
#55
Dibenzenofuran
Concen: 37.102 ng
RT: 14.86 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	28.8	43.2
169	13.4	10.9	16.3

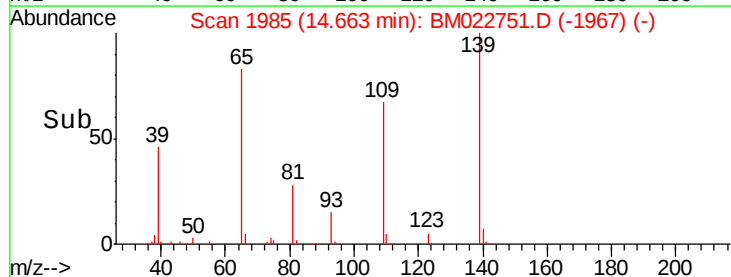
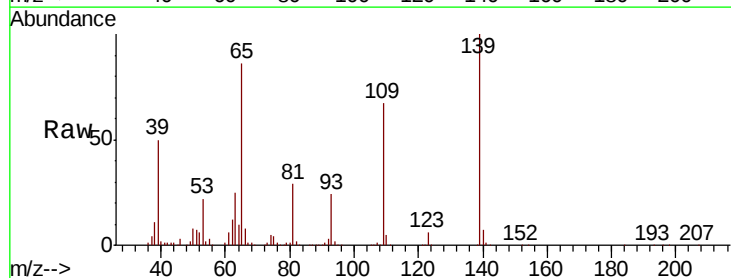
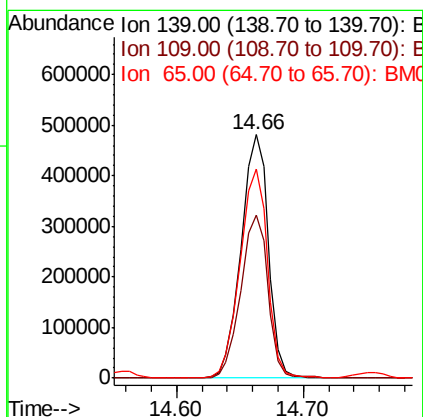
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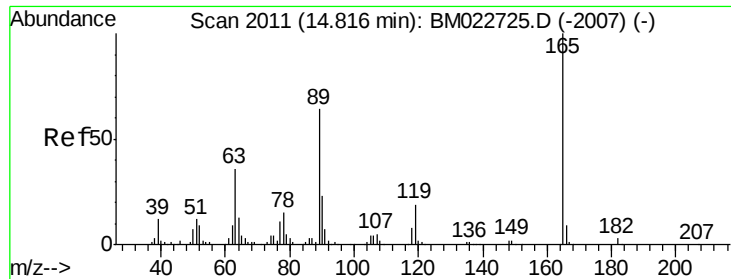
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#56
4-Nitrophenol
Concen: 81.863 ng
RT: 14.66 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.8	44.8	84.8
65	86.0	66.6	106.6





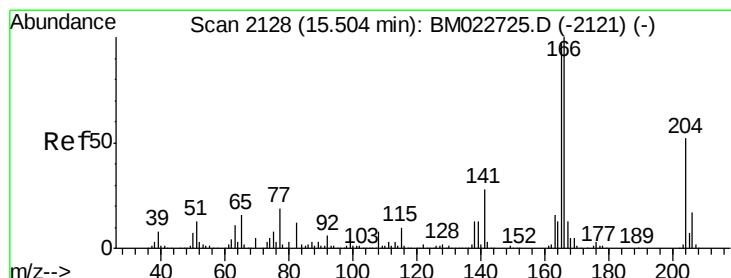
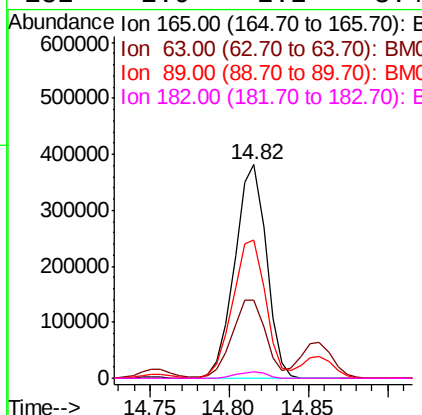
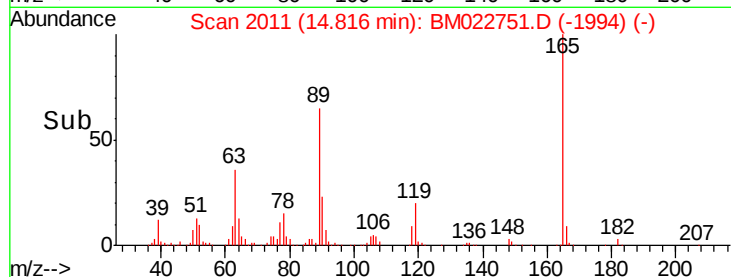
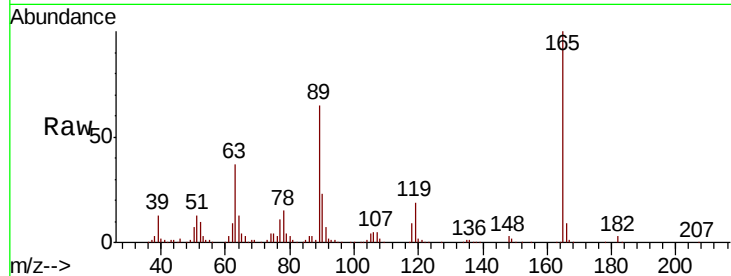
#57
2,4-Dinitrotoluene
Concen: 40.444 ng
RT: 14.82 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion:	165	Resp:	527333
Ion Ratio	Lower	Upper	
165	100		
63	36.5	30.1	45.1
89	64.6	52.5	78.7
182	2.9	2.2	3.4

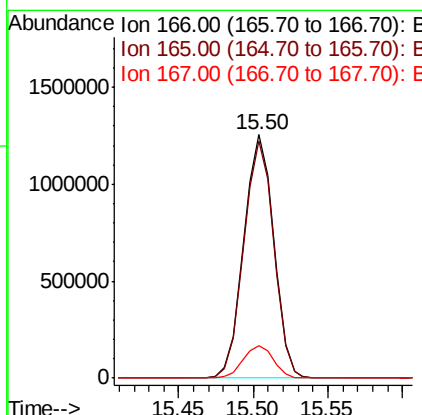
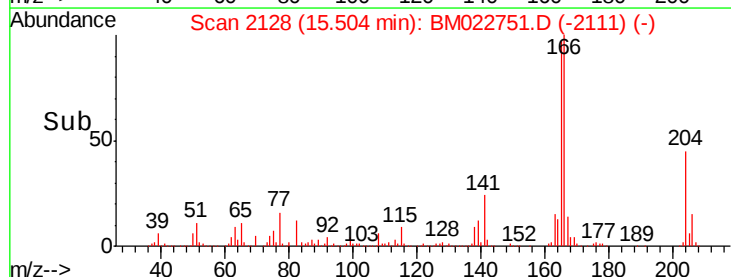
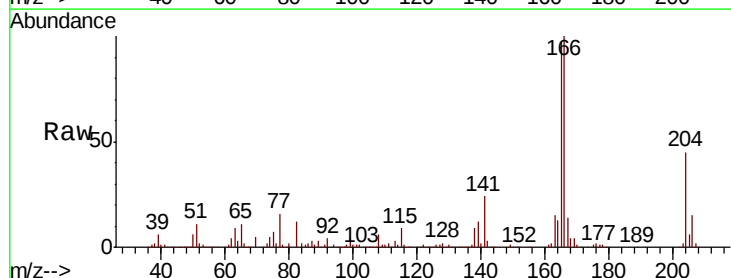
Manual Integrations
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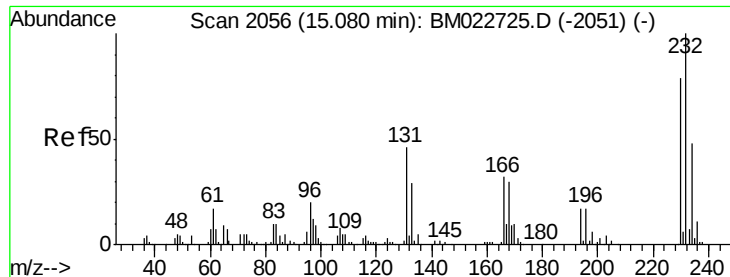
mohammad
9/26/2019 8:25:18 AM



#58
Fluorene
Concen: 37.215 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion:	166	Resp:	1737217
Ion Ratio	Lower	Upper	
166	100		
165	97.3	77.6	116.4
167	13.6	10.8	16.2





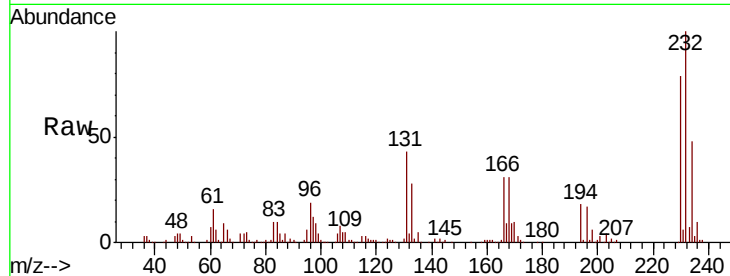
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.032 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM022751.D
 Acq: 24 Sep 2019 15:48

Instrument :
 BNA_M
 ClientSampled :
 PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	456758		
131	44.4	36.3	54.5	
130	2.3	1.8	2.8	
166	30.9	25.0	37.4	

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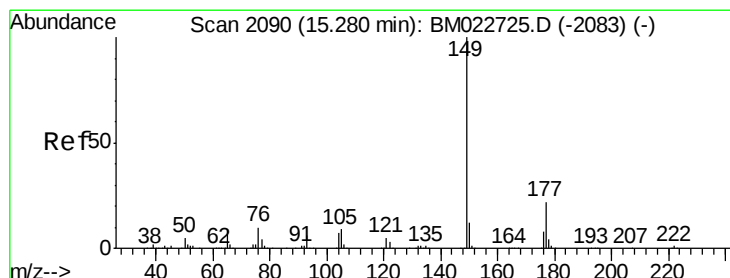
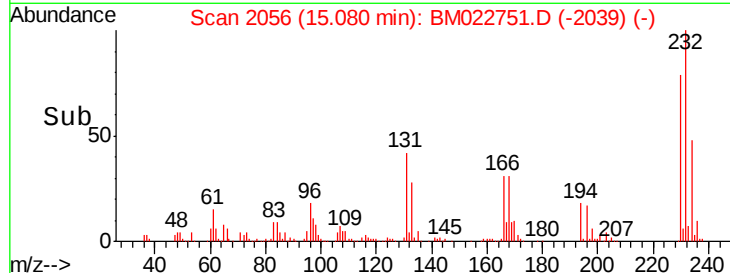
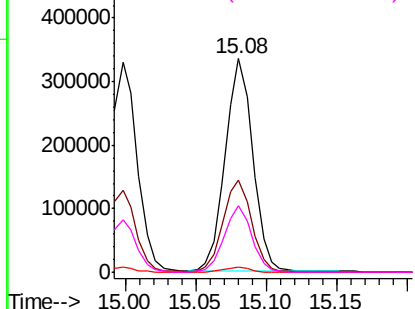
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

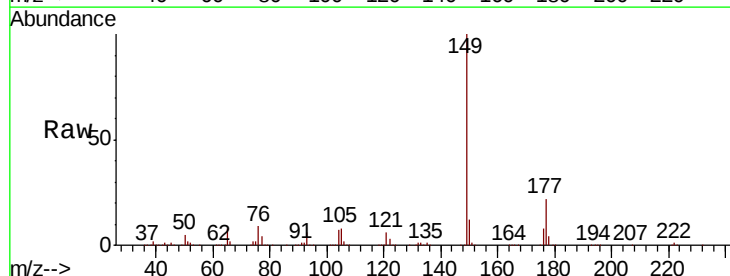
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.103 ng
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: BM022751.D
 Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1762821		
177	22.3	17.6	26.4	
150	12.5	9.9	14.9	

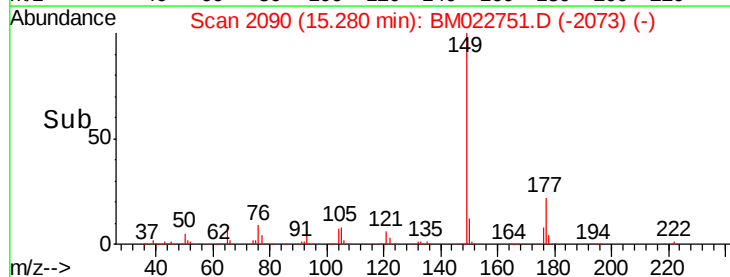
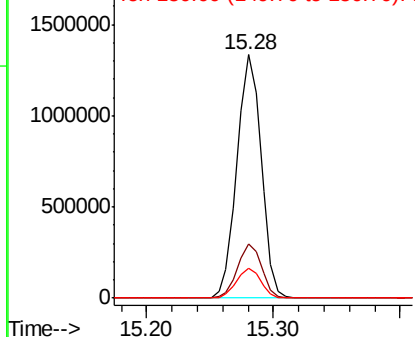


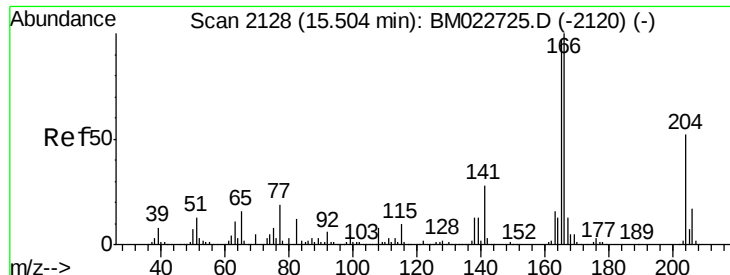
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





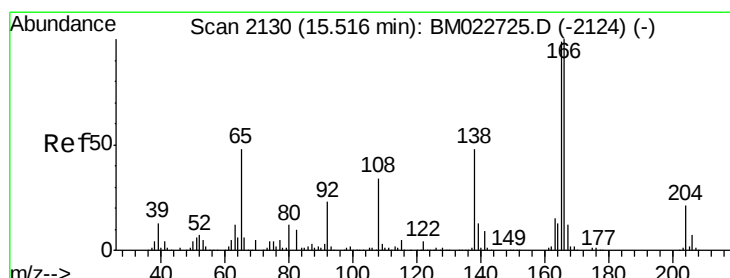
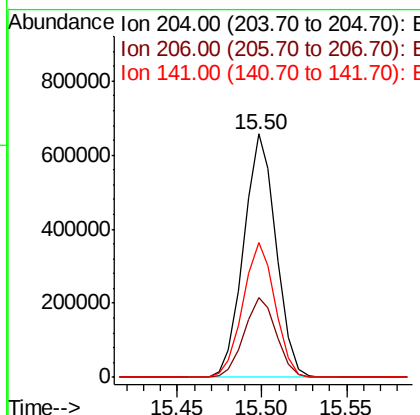
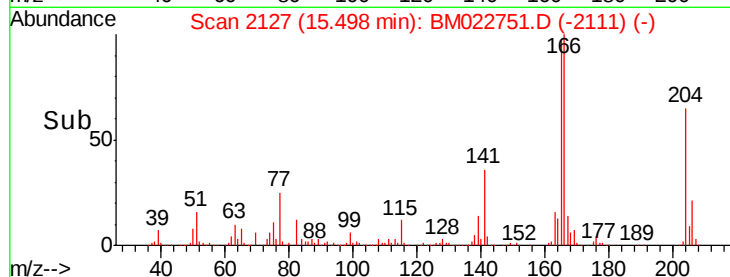
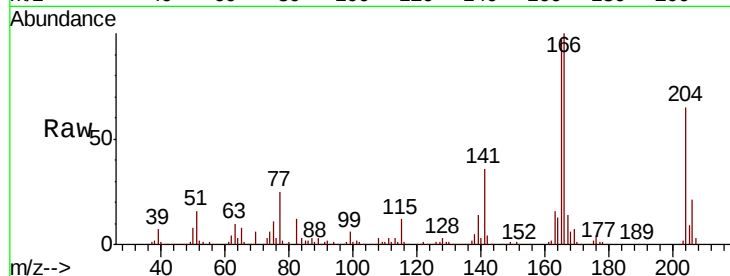
#61
4-Chlorophenyl-phenylether
Concen: 36.406 ng
RT: 15.50 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	873194		
206	32.9	26.2	39.4	
141	55.6	42.6	64.0	

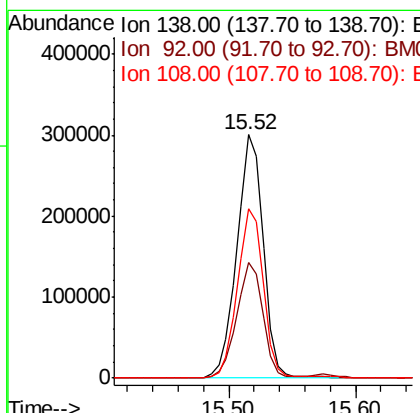
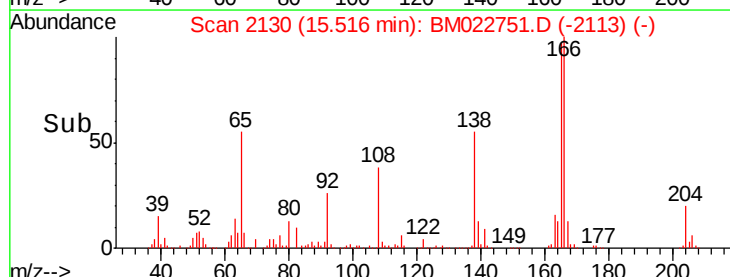
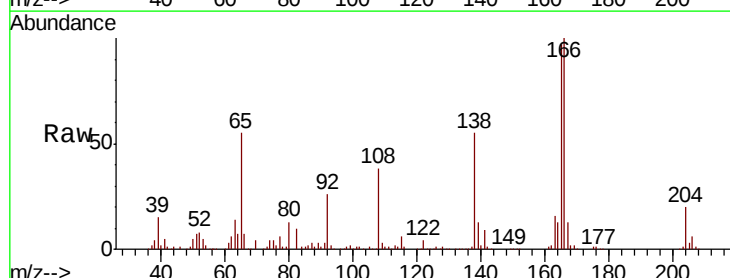
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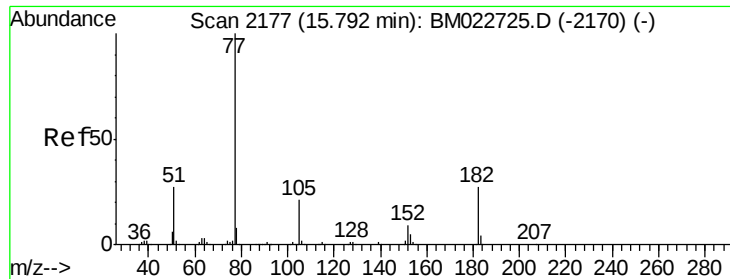
mohammad
9/26/2019 8:25:18 AM



#62
4-Nitroaniline
Concen: 35.969 ng
RT: 15.52 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	432076		
92	47.5	28.7	68.7	
108	69.5	50.3	90.3	





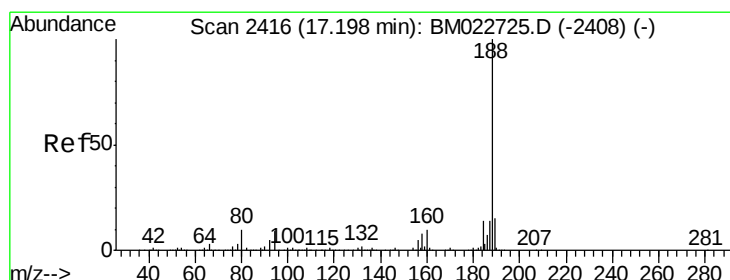
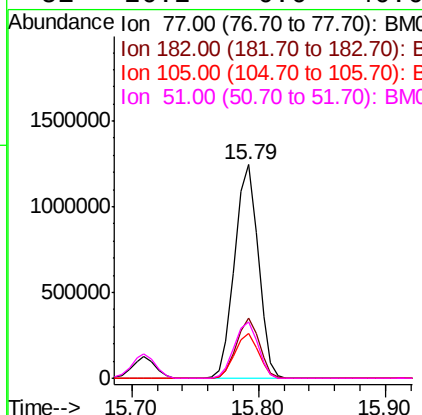
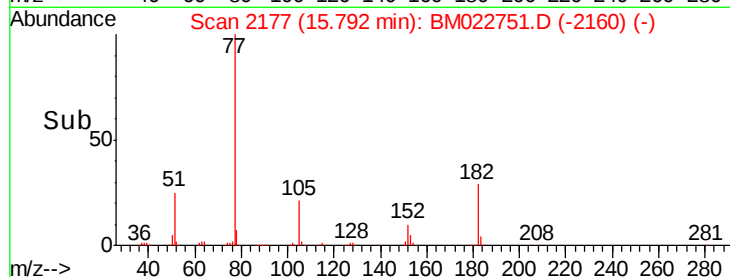
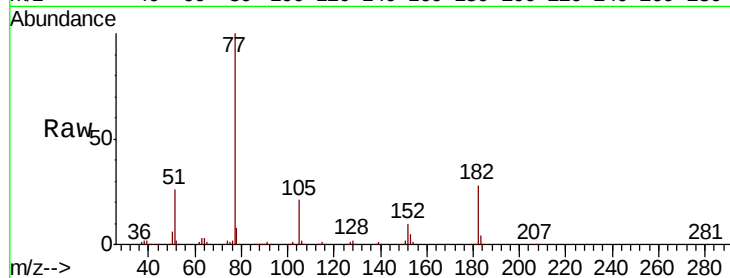
#63
Azobenzene
Concen: 38.348 ng
RT: 15.79 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.2	7.0	47.0
105	21.0	0.9	40.9
51	26.2	6.6	46.6

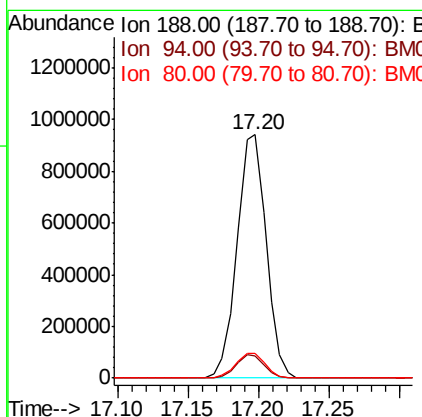
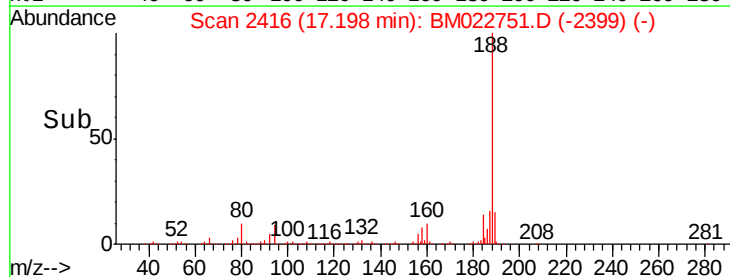
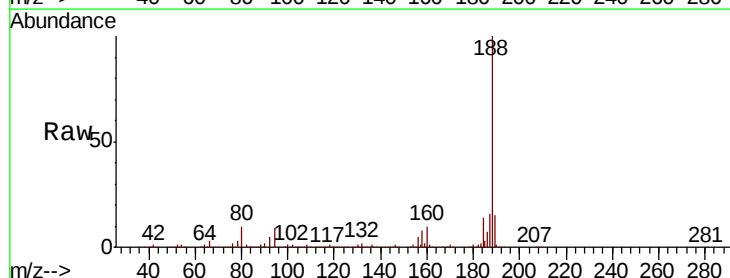
Manual Integrations
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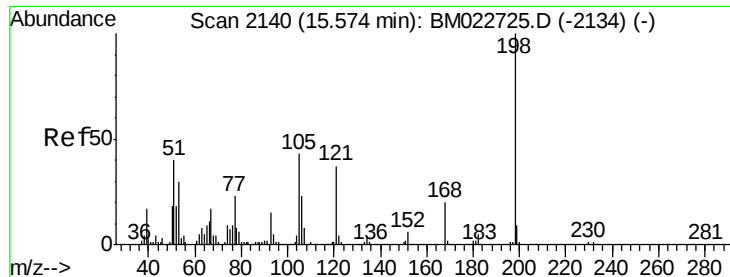
mohammad
9/26/2019 8:25:18 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.3	10.9
80	10.0	7.8	11.8





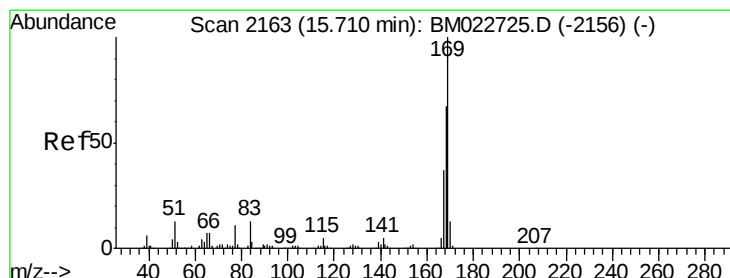
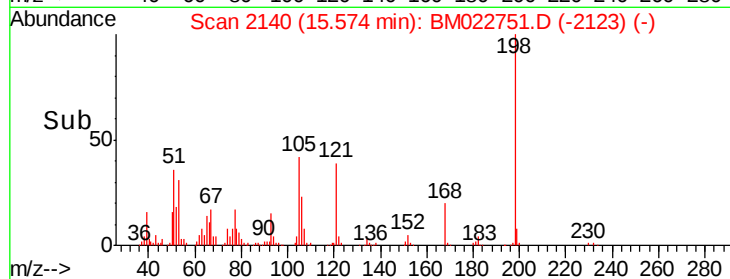
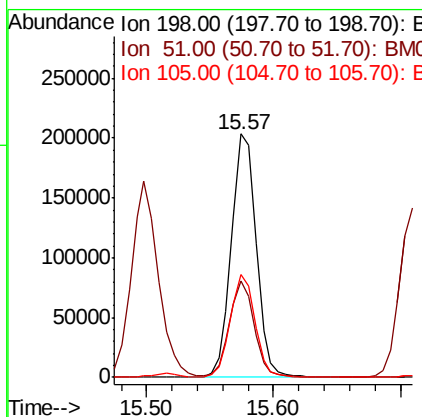
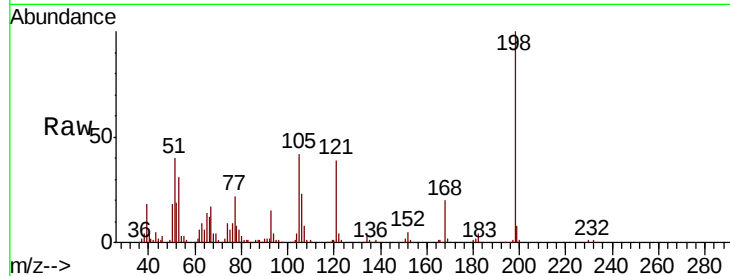
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.488 ng
 RT: 15.57 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BM022751.D
 Acq: 24 Sep 2019 15:48

Instrument :
 BNA_M
 ClientSampleId :
 PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	275620		
51	39.6		21.0	61.0
105	42.2		22.5	62.5

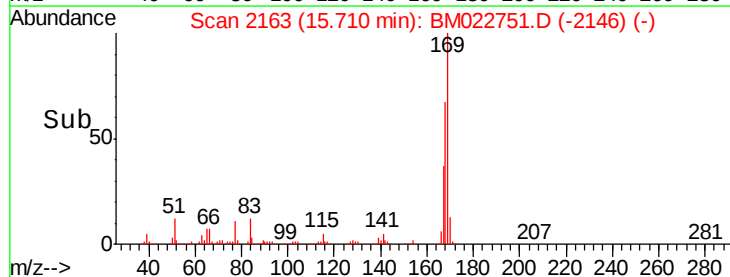
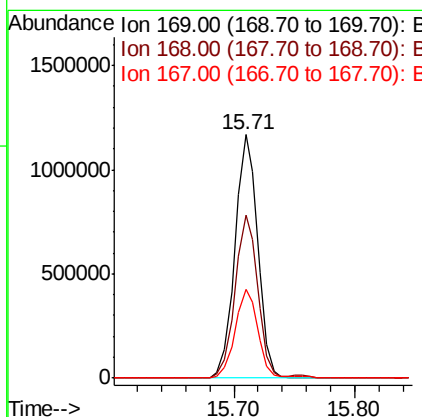
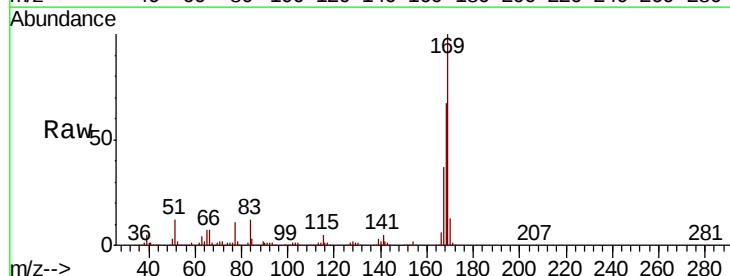
Manual Integrations
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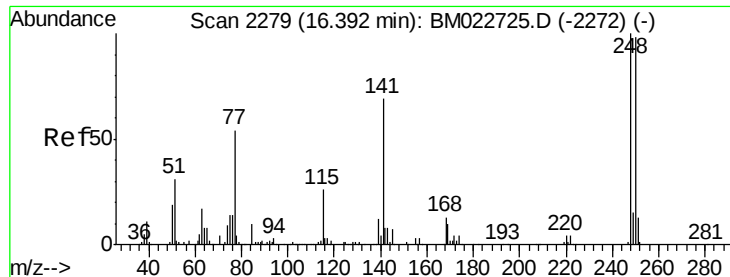
mohammad
 9/26/2019 8:25:18 AM



#66
 n-Nitrosodiphenylamine
 Concen: 36.997 ng
 RT: 15.71 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BM022751.D
 Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1532477		
168	66.8		53.4	80.2
167	36.7		29.3	43.9





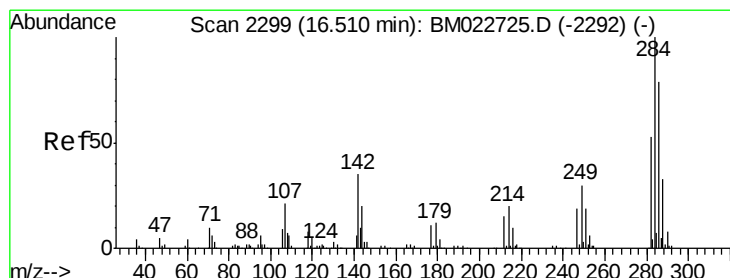
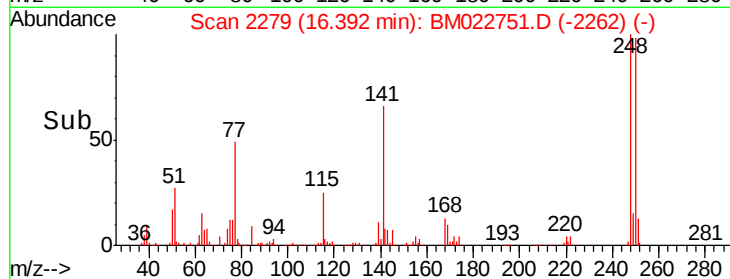
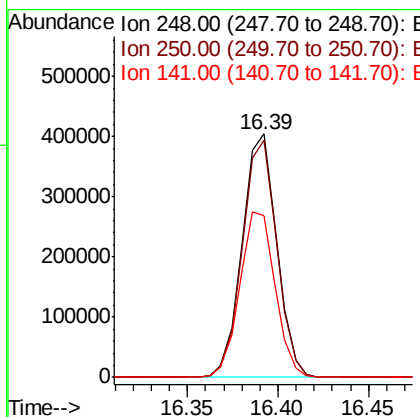
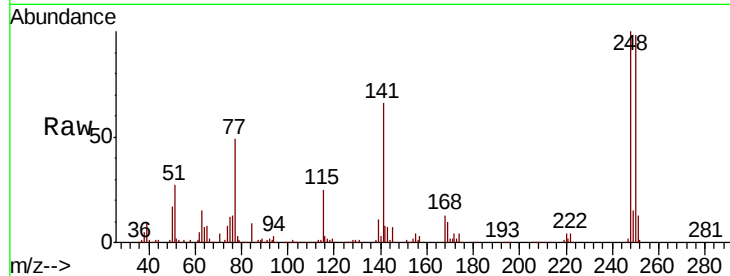
#67
 4-Bromophenyl-phenylether
 Concen: 35.505 ng
 RT: 16.39 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BM022751.D
 Acq: 24 Sep 2019 15:48

Instrument :
 BNA_M
 ClientSampleID :
 PB123301BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.4	117.6
141	66.3	55.1	82.7

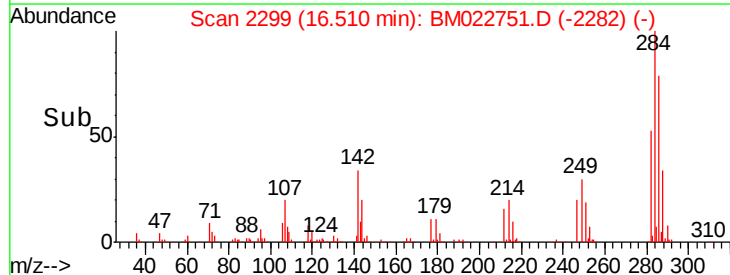
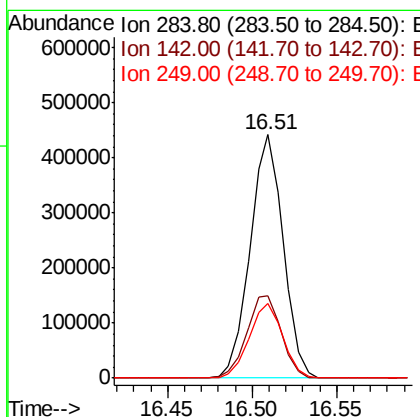
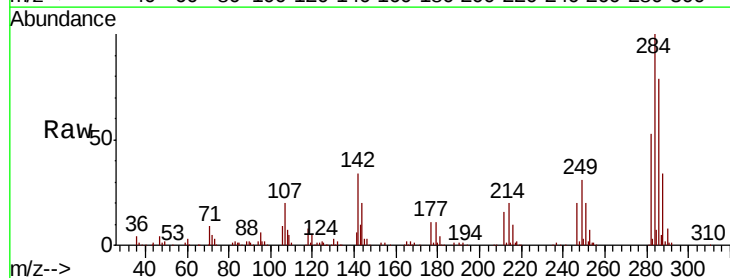
Manual Integrations
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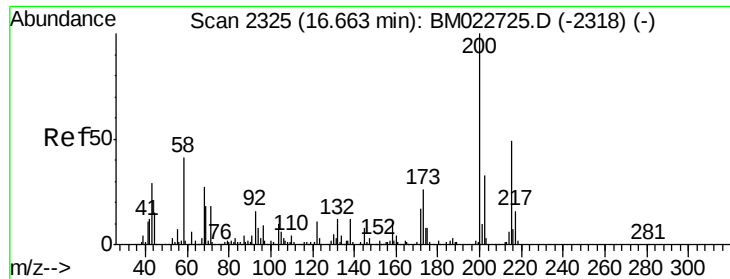
mohammad
 9/26/2019 8:25:18 AM



#68
 Hexachlorobenzene
 Concen: 34.143 ng
 RT: 16.51 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BM022751.D
 Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.8	41.8
249	30.8	24.4	36.6





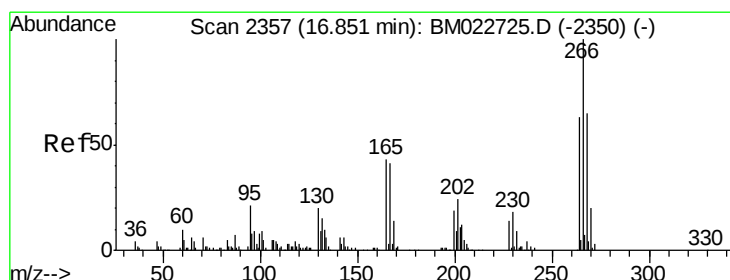
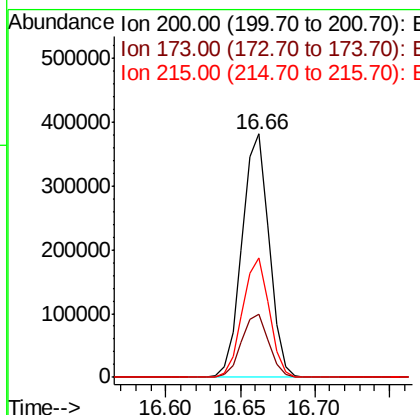
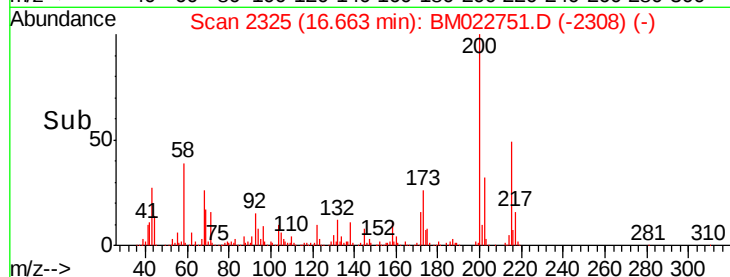
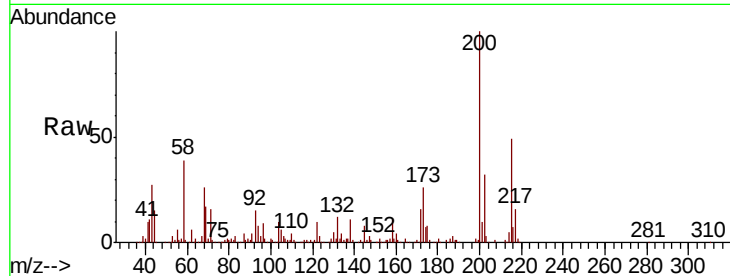
#69
Atrazine
Concen: 35.654 ng
RT: 16.66 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	480094		
173	25.9	5.8	45.8	
215	49.2	29.2	69.2	

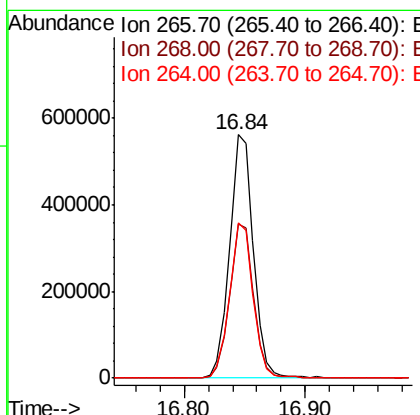
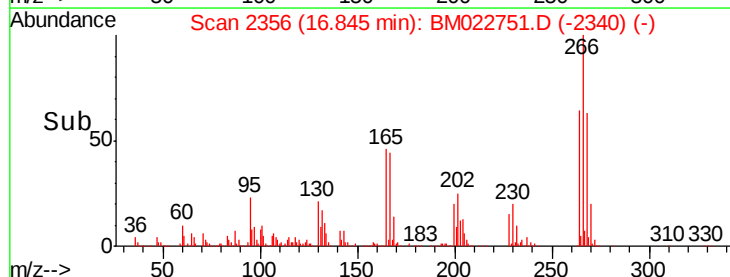
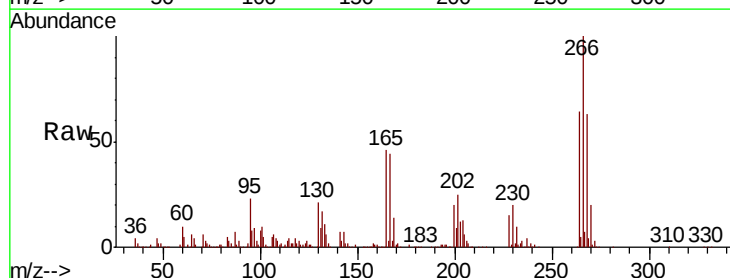
Manual Integrations
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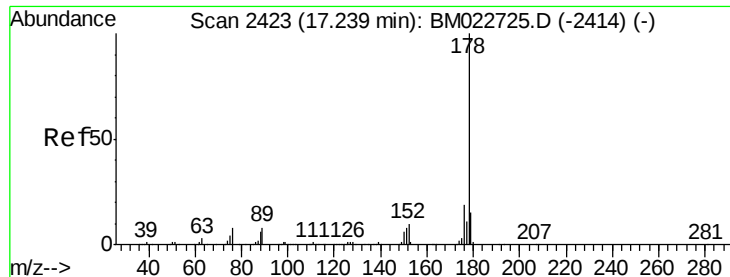
mohammad
9/26/2019 8:25:18 AM



#70
Pentachlorophenol
Concen: 82.239 ng
RT: 16.84 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	771329		
268	63.4	51.8	77.6	
264	63.5	50.2	75.4	





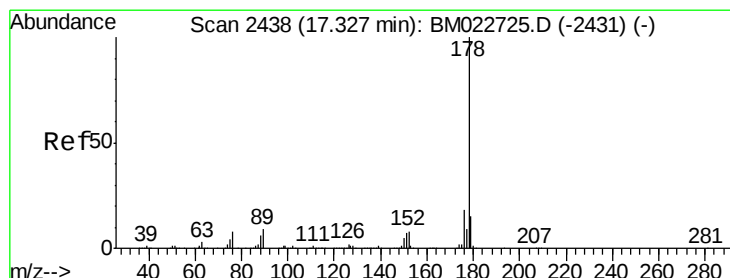
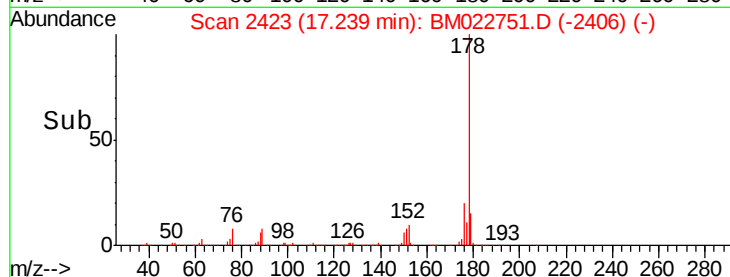
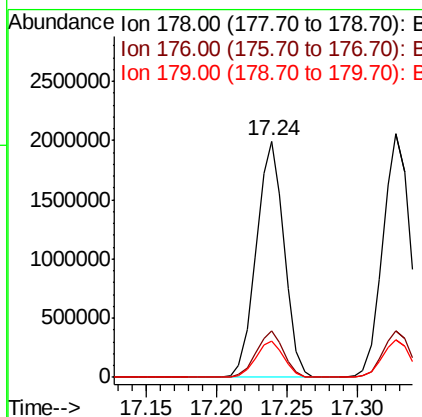
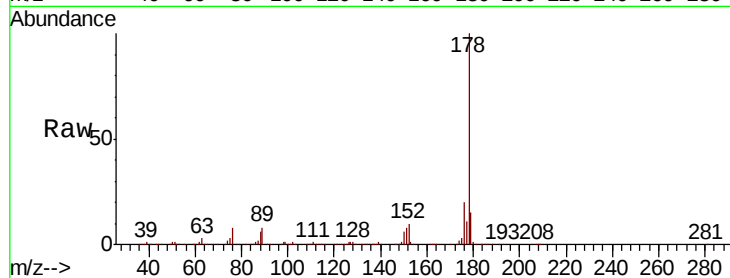
#71
Phenanthrene
Concen: 36.115 ng
RT: 17.24 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.3	12.3	18.5

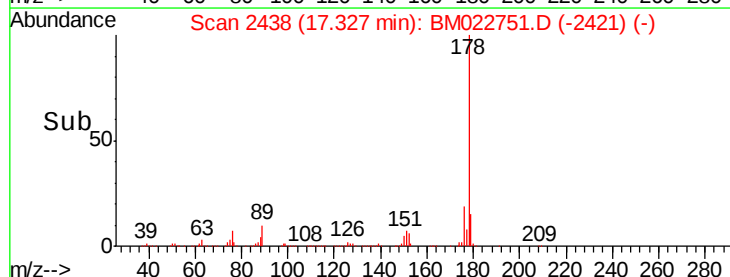
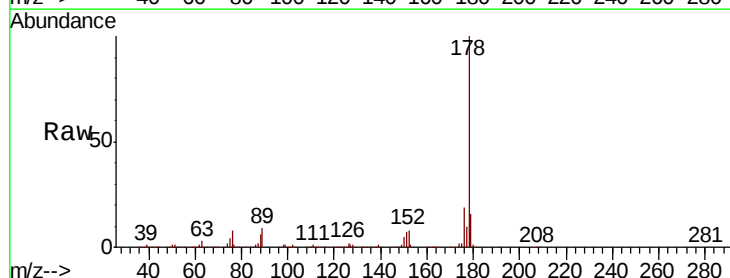
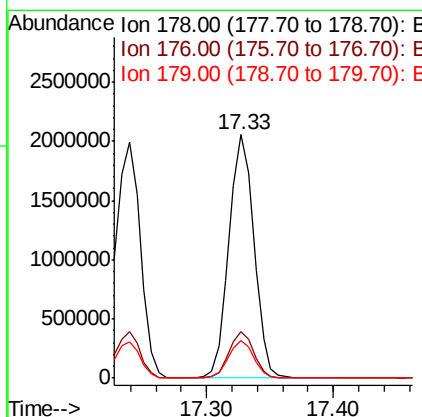
Manual Integrations
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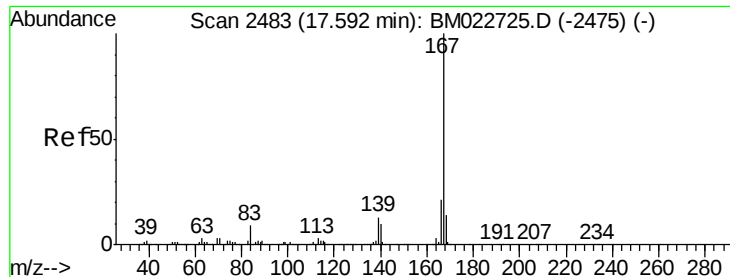
mohammad
9/26/2019 8:25:18 AM



#72
Anthracene
Concen: 37.814 ng
RT: 17.33 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.5	12.2	18.4





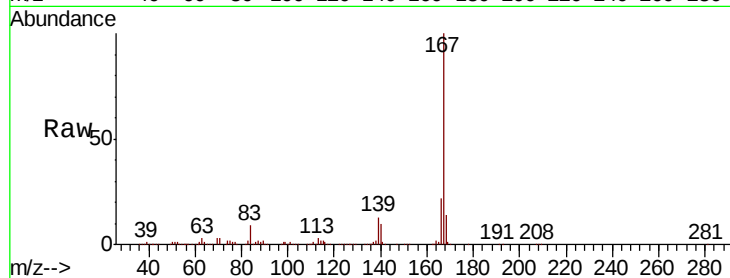
#73
 Carbazole
 Concen: 37.172 ng
 RT: 17.59 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BM022751.D
 Acq: 24 Sep 2019 15:48

Instrument :
 BNA_M
 ClientSampleId :
 PB123301BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.4
139	12.7	10.1	15.1

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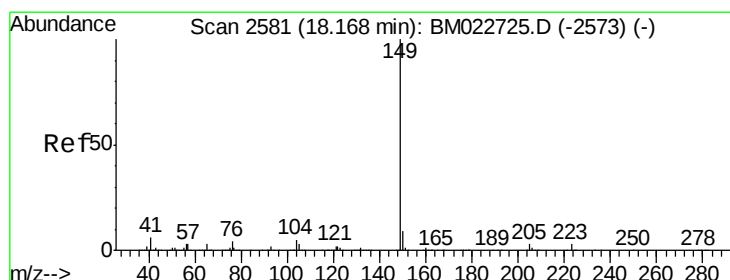
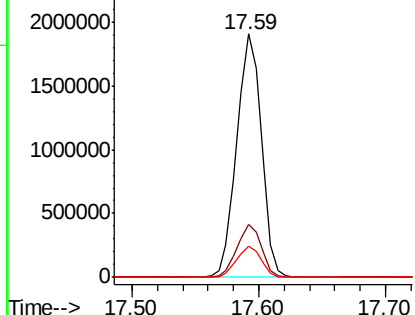
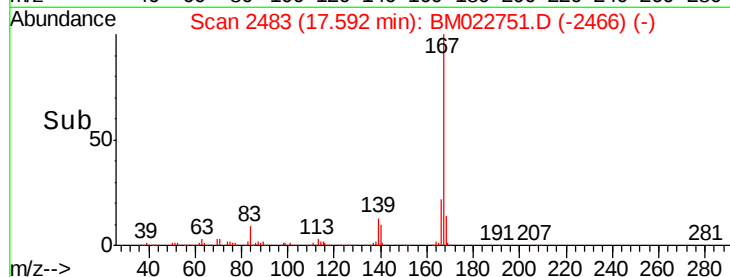


Abundance

Ion 167.00 (166.70 to 167.70): E

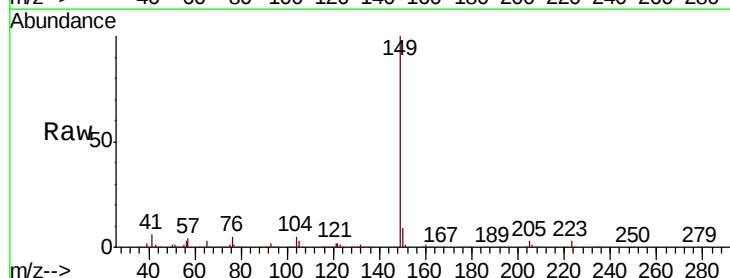
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 38.388 ng
 RT: 18.16 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BM022751.D
 Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.8	3.8	5.6

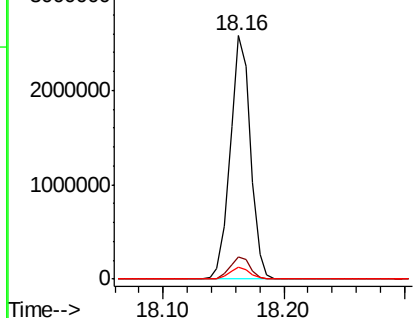
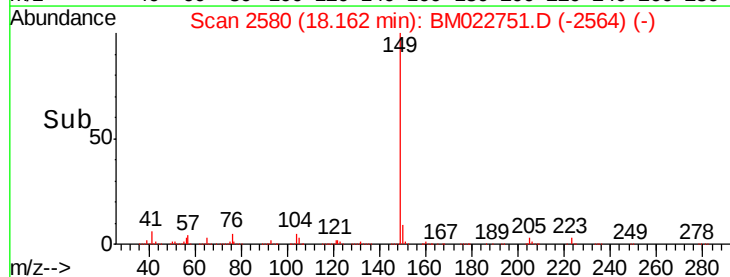


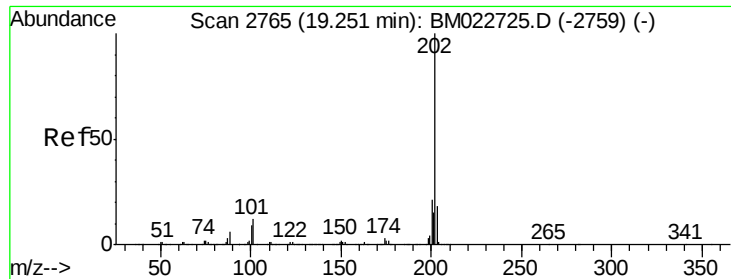
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.386 ng

RT: 19.25 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

Instrument :

BNA_M

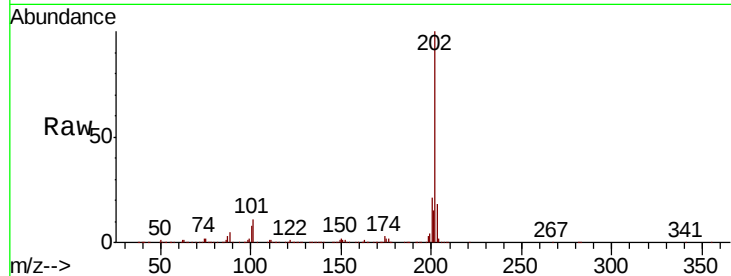
ClientSampleId :

PB123301BS

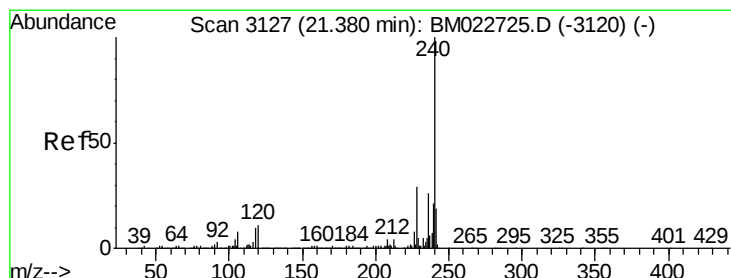
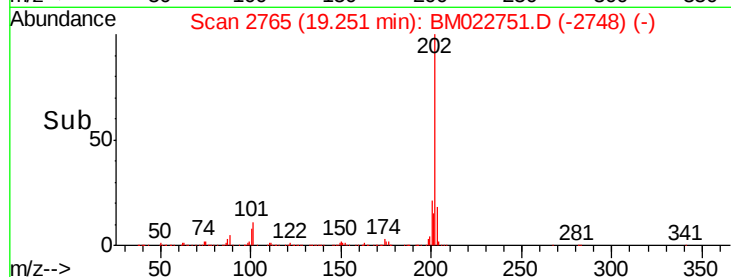
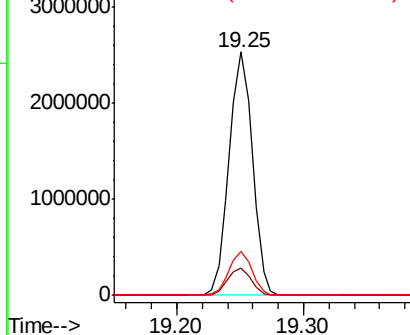
Tot Ion:	202	Resp:	3227576
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.1
203	17.9	0.0	37.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

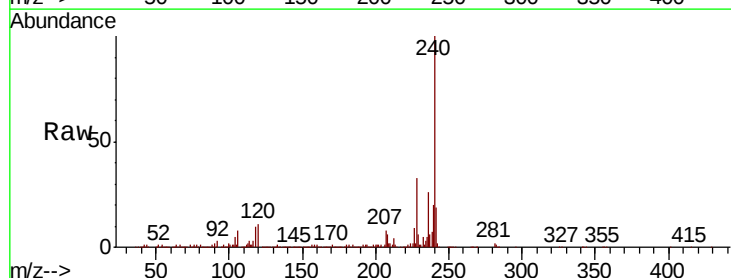
RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

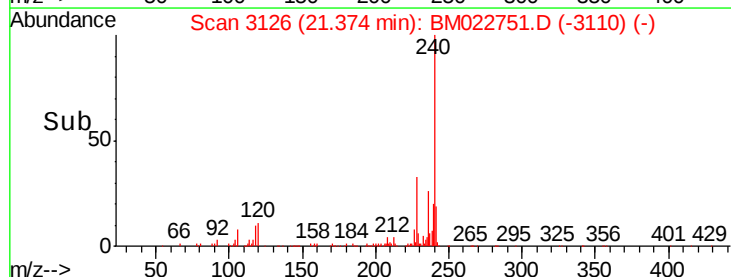
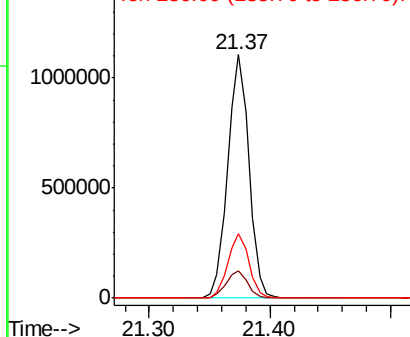
Lab File: BM022751.D

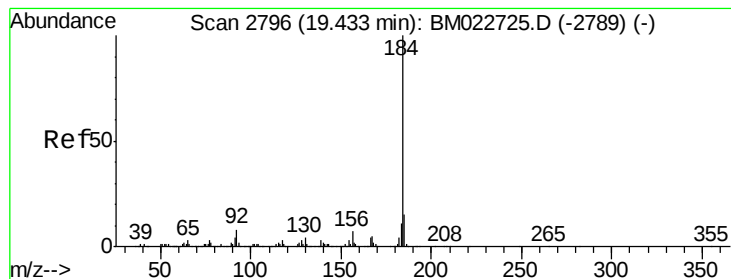
Acq: 24 Sep 2019 15:48

Tgt Ion:	240	Resp:	1350498
Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.8	13.2
236	26.2	20.8	31.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





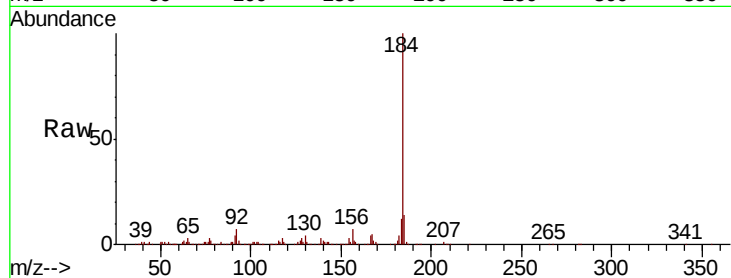
#77
Benzidine
Concen: 39.695 ng
RT: 19.43 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.6	17.4
183	11.6	9.1	13.7

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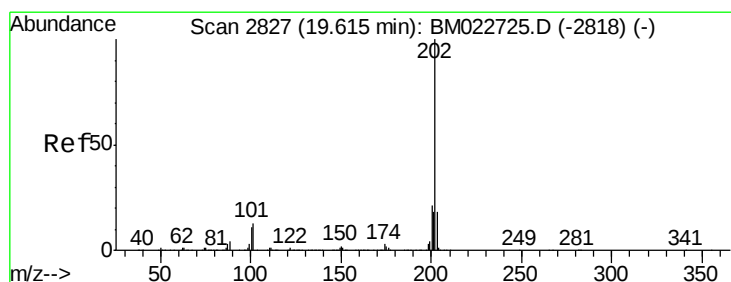
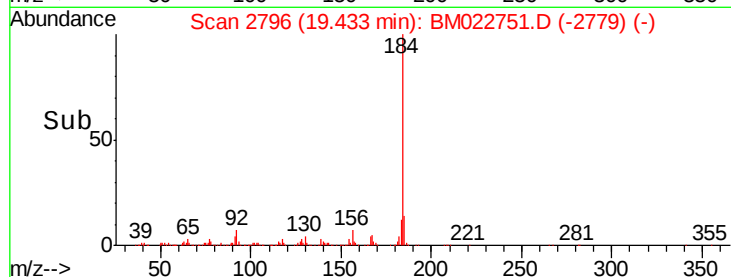
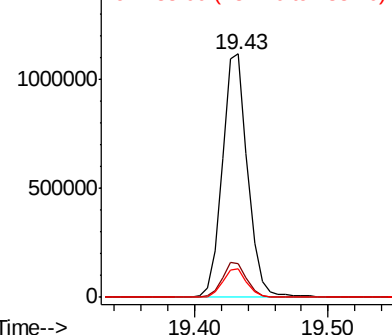


Abundance

Ion 184.00 (183.70 to 184.70): E

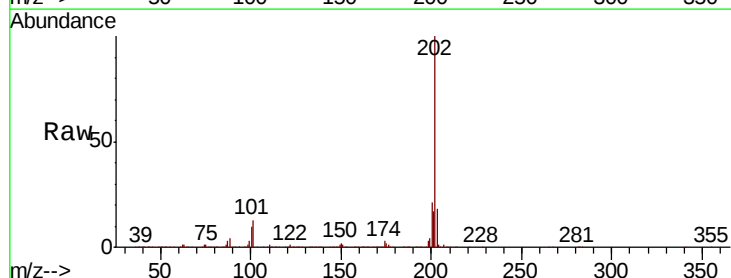
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78
Pyrene
Concen: 37.977 ng
RT: 19.62 min Scan# 2827
Delta R.T. -0.00 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	17.6	14.1	21.1

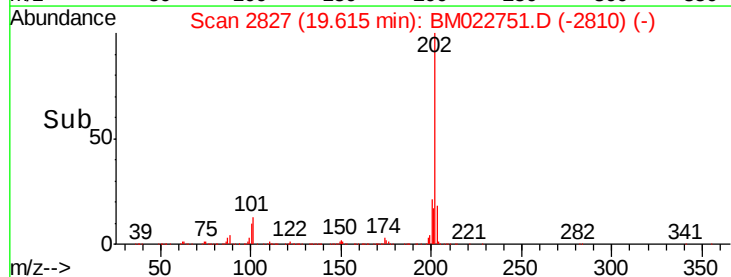
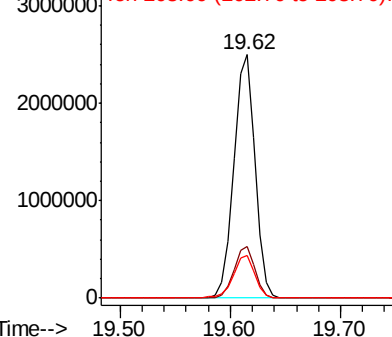


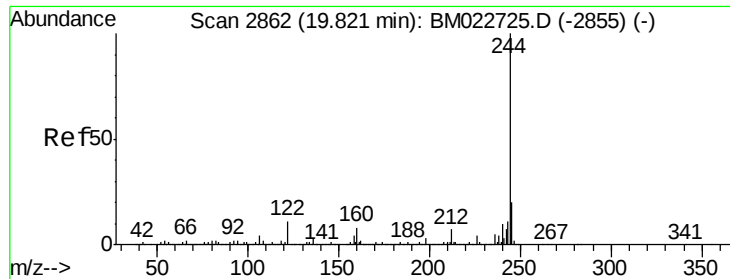
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





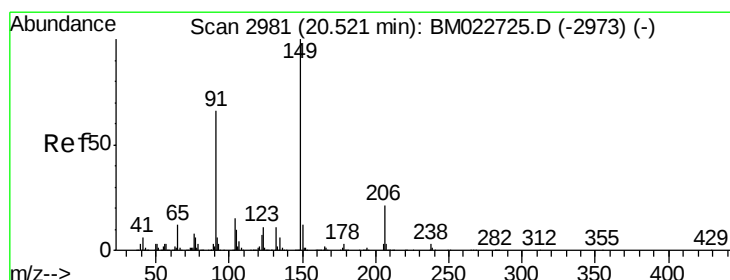
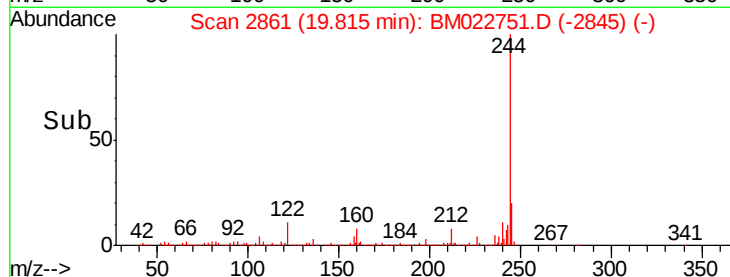
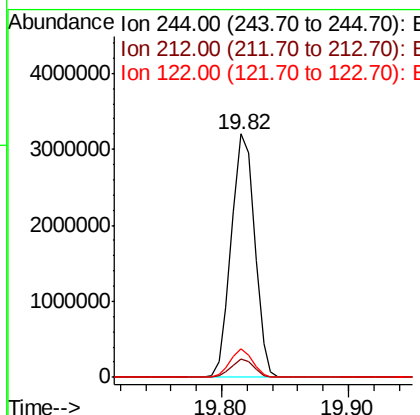
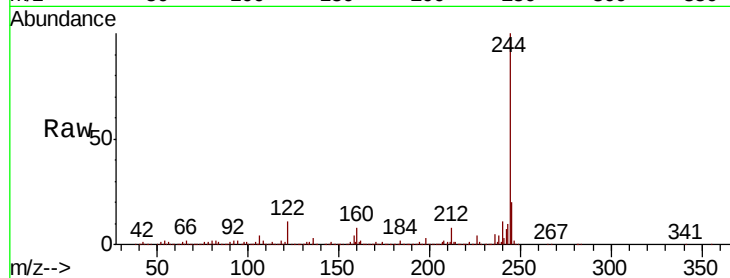
#79
 Terphenyl-d14
 Concen: 58.503 ng
 RT: 19.82 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BM022751.D
 Acq: 24 Sep 2019 15:48

Instrument :
 BNA_M
 ClientSampleId :
 PB123301BS

Tot Ion:244 Resp: 4080183
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 11.5 9.0 13.4

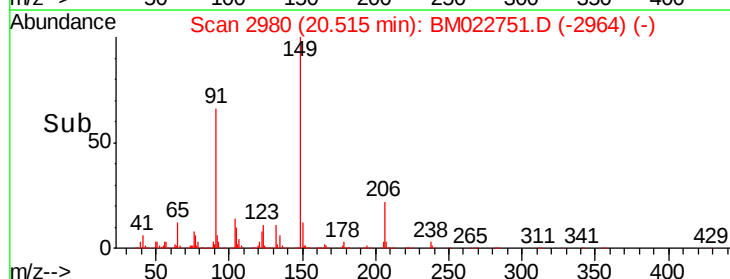
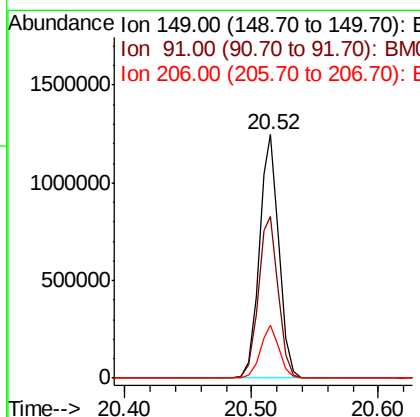
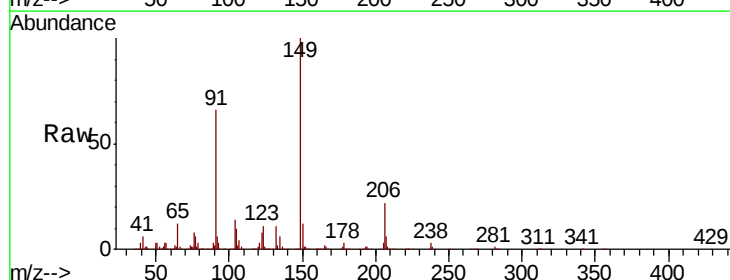
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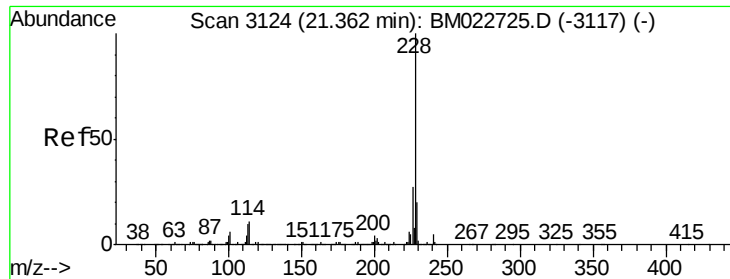
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#80
 Butylbenzylphthalate
 Concen: 39.697 ng
 RT: 20.52 min Scan# 2980
 Delta R.T. -0.01 min
 Lab File: BM022751.D
 Acq: 24 Sep 2019 15:48

Tgt Ion:149 Resp: 1335267
 Ion Ratio Lower Upper
 149 100
 91 66.4 53.0 79.4
 206 21.7 16.9 25.3





#81

Benzo(a)anthracene

Concen: 36.616 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

Instrument :

BNA_M

ClientSampleId :

PB123301BS

Tot Ion:228 Resp: 3204905

Ion Ratio Lower Upper

228 100

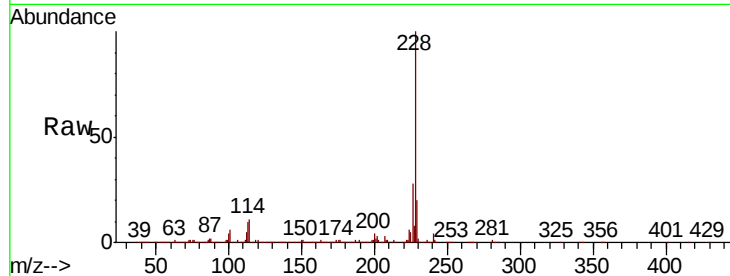
226 28.1 22.0 33.0

229 20.1 15.9 23.9

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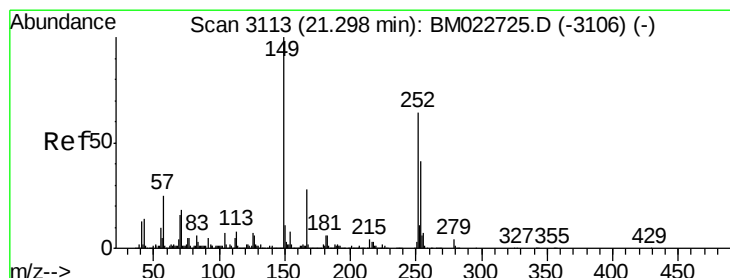
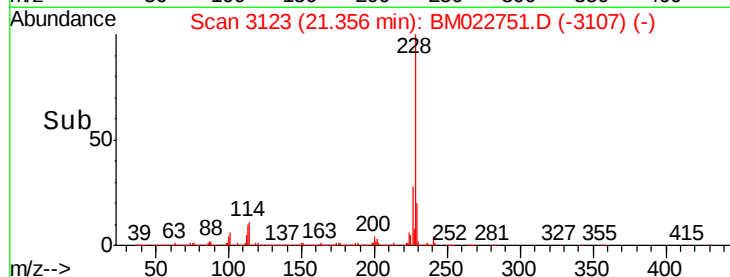
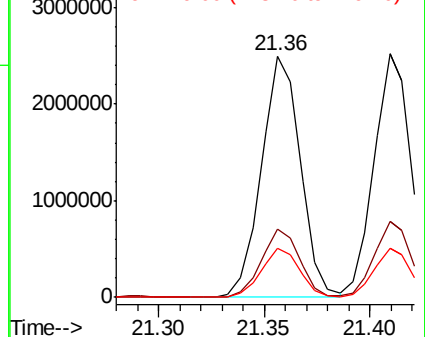


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.694 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

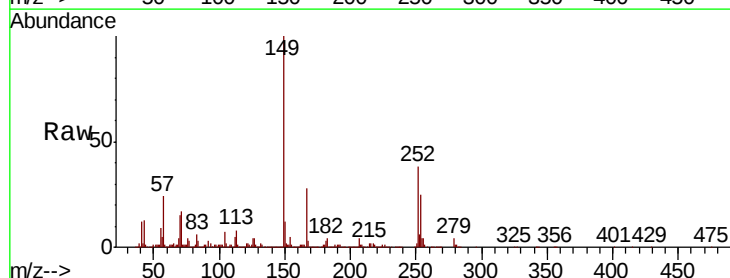
Tgt Ion:252 Resp: 797537

Ion Ratio Lower Upper

252 100

254 64.5 51.7 77.5

126 10.3 8.3 12.5

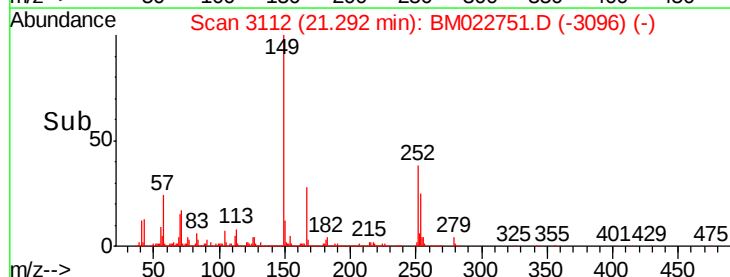
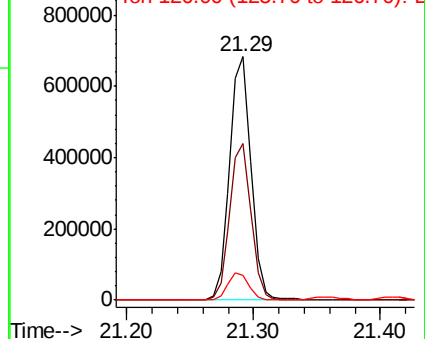


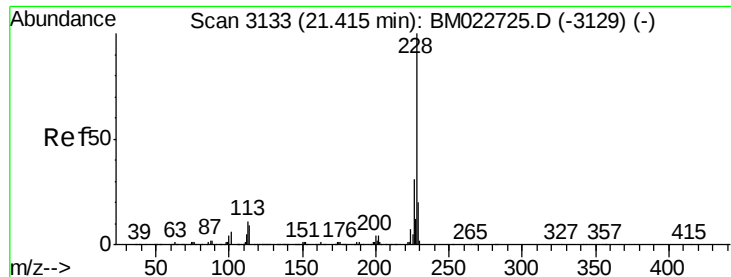
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





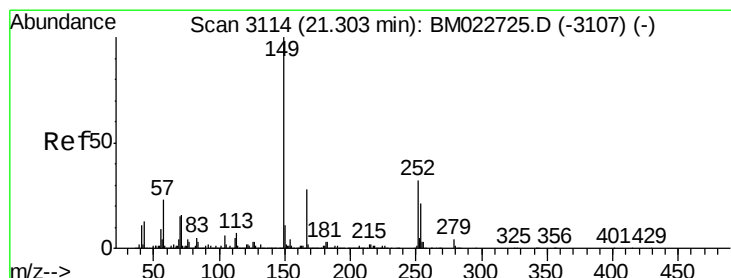
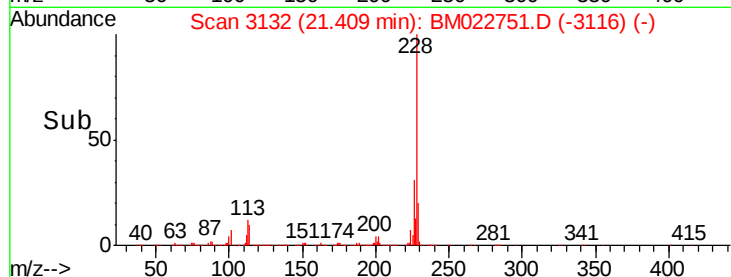
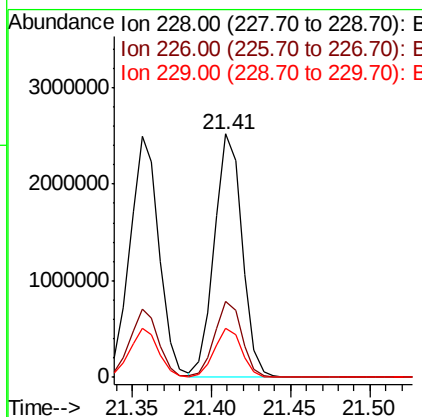
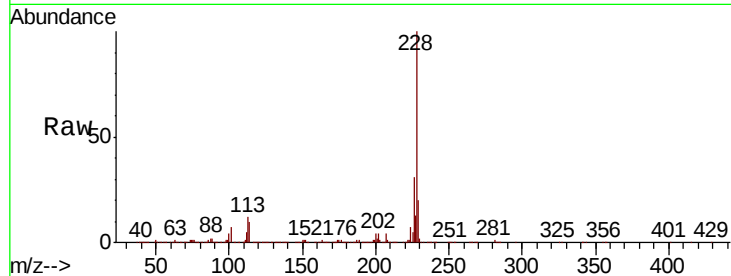
#83
Chrysene
Concen: 36.087 ng
RT: 21.41 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion:228 Resp: 3062237
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 20.2 15.9 23.9

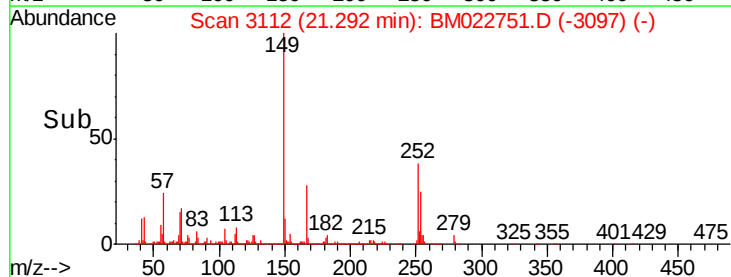
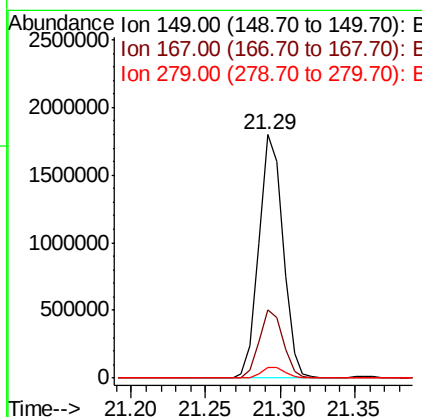
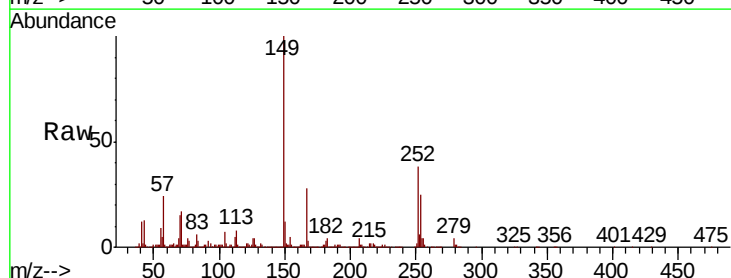
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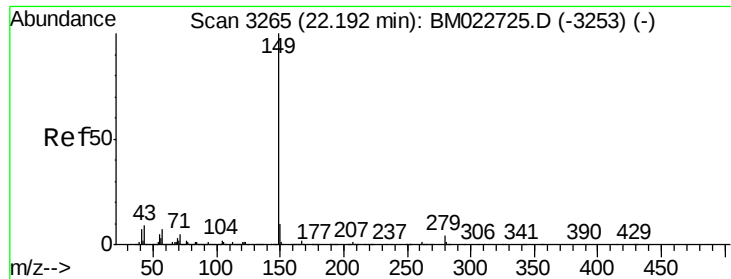
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.908 ng
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM022751.D
Acq: 24 Sep 2019 15:48

Tgt Ion:149 Resp: 1988975
Ion Ratio Lower Upper
149 100
167 27.9 22.1 33.1
279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 40.910 ng

RT: 22.18 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

Instrument :

BNA_M

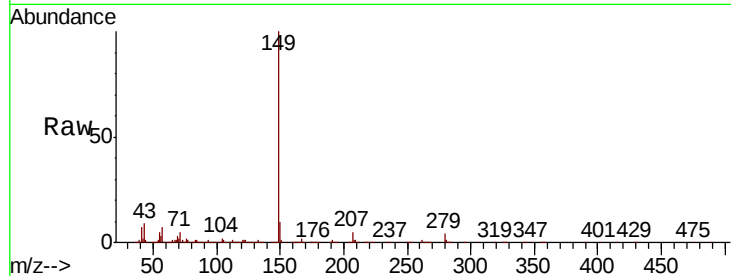
ClientSampleId :

PB123301BS

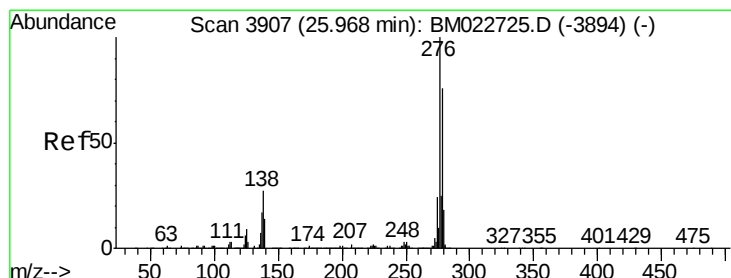
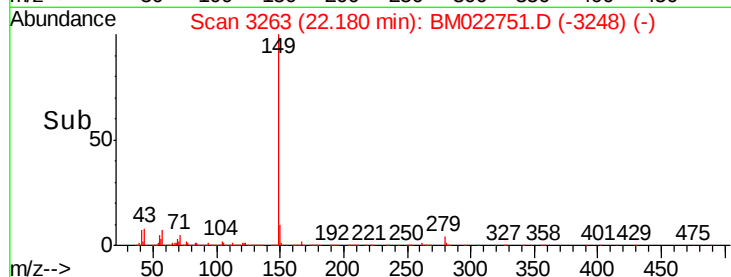
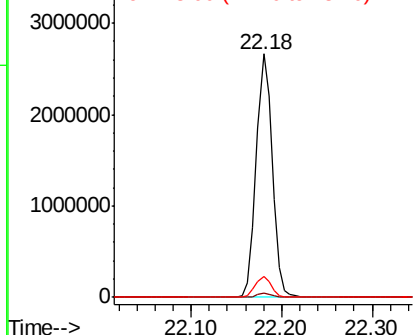
Tot Ion:	149	Resp:	3249491
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.7	7.4	11.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 29.247 ng

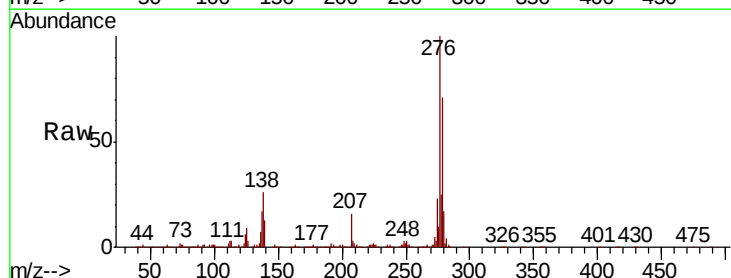
RT: 25.96 min Scan# 3905

Delta R.T. -0.01 min

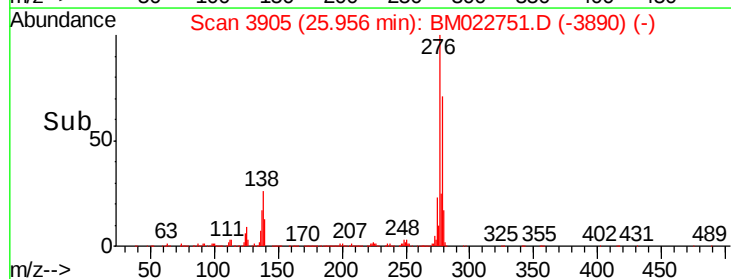
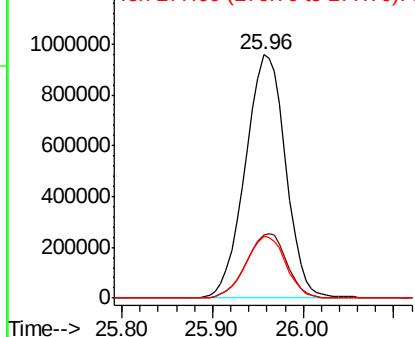
Lab File: BM022751.D

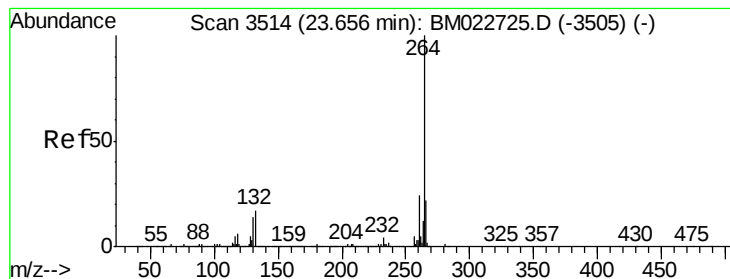
Acq: 24 Sep 2019 15:48

Tgt Ion:	276	Resp:	2962149
Ion	Ratio	Lower	Upper
276	100		
138	26.5	0.0	0.0#
277	25.3	0.0	0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

Instrument :

BNA_M

ClientSampleId :

PB123301BS

Tot Ion:264 Resp: 1298143

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

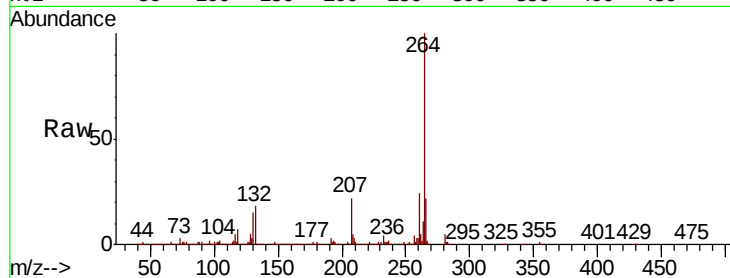
265 21.9 17.9 26.9

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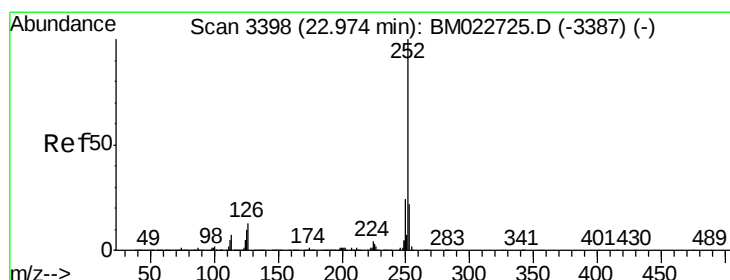
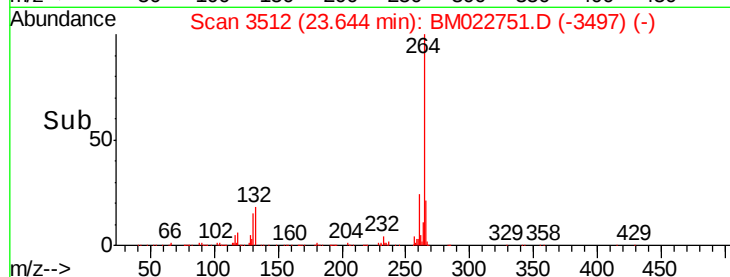
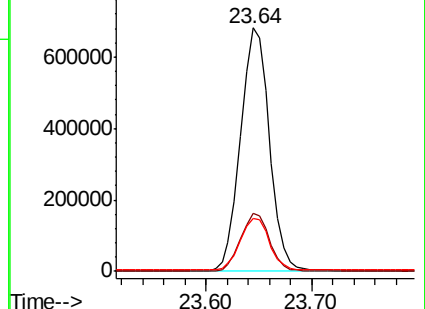
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.485 ng

RT: 22.96 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

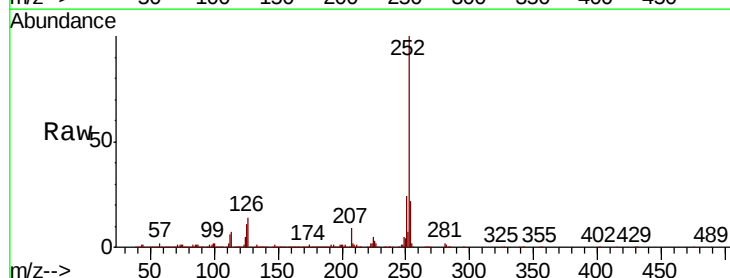
Tgt Ion:252 Resp: 3024880

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

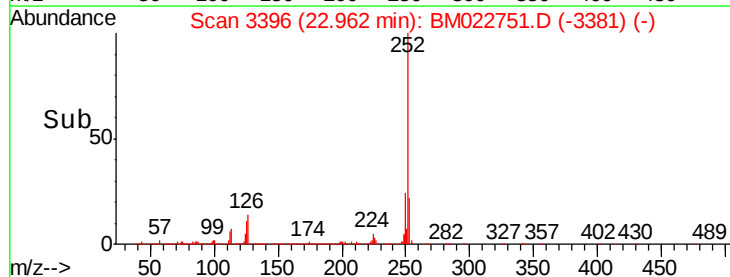
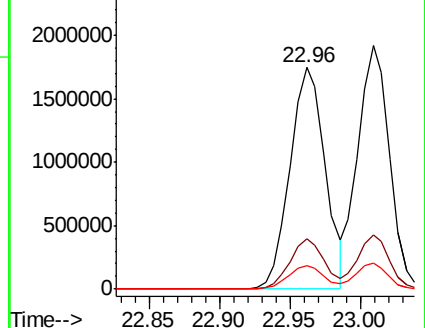
125 10.8 8.2 12.4

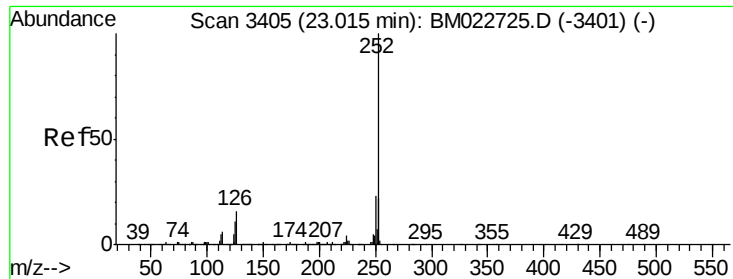


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.236 ng

RT: 23.01 min Scan# 3404

Delta R.T. -0.01 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

Instrument :

BNA_M

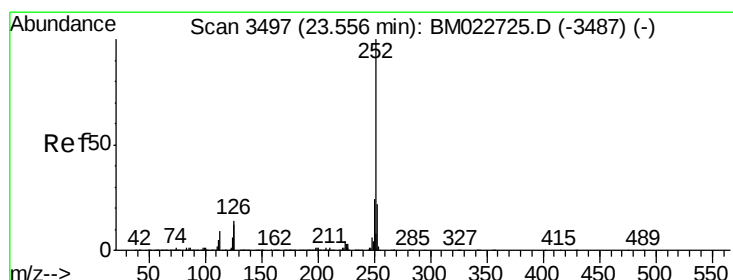
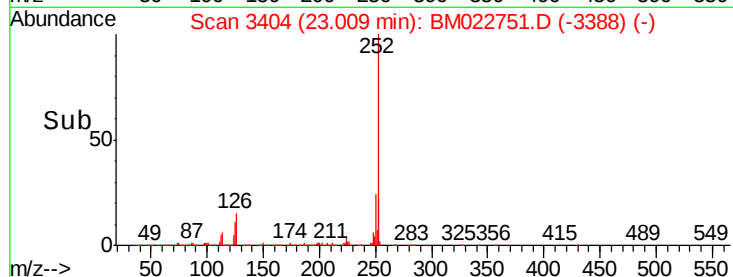
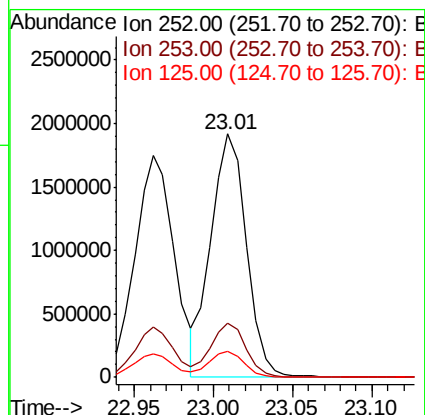
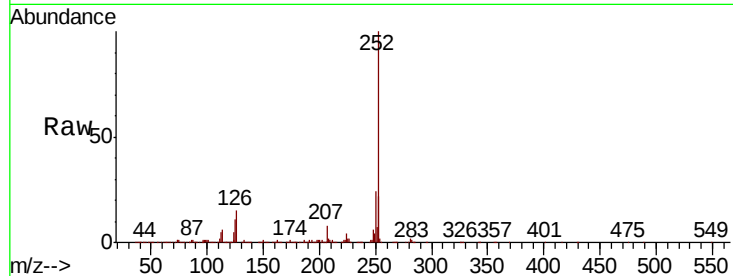
ClientSampleId :

PB123301BS

Tot Ion:	252	Resp:	2981925
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.6	8.5	12.7

Manual Integrations
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mohammad
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#90

Benzo(a)pyrene

Concen: 39.379 ng

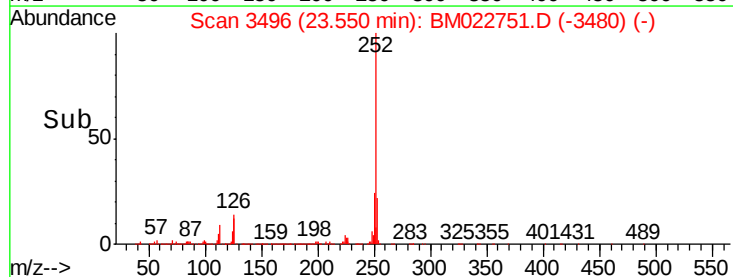
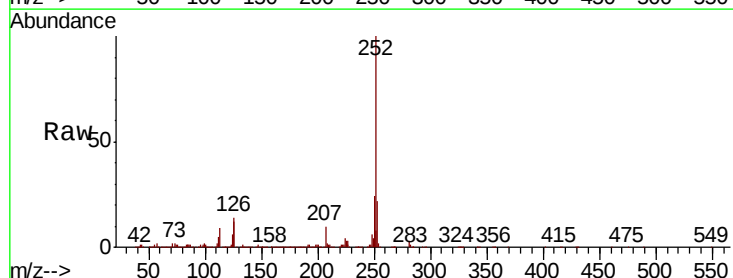
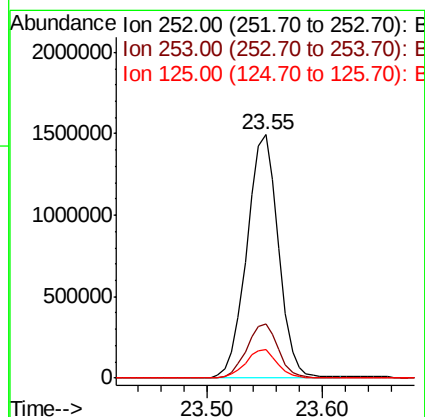
RT: 23.55 min Scan# 3496

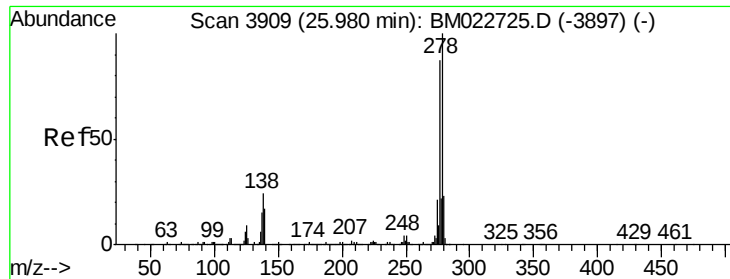
Delta R.T. -0.01 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

Tgt Ion:	252	Resp:	2852009
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	11.6	9.3	13.9





#91

Dibenzo(a,h)anthracene

Concen: 33.015 ng

RT: 25.97 min Scan# 3908

Delta R.T. -0.01 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

Instrument :

BNA_M

ClientSampleId :

PB123301BS

Tot Ion:278 Resp: 2501092

Ion Ratio Lower Upper

278 100

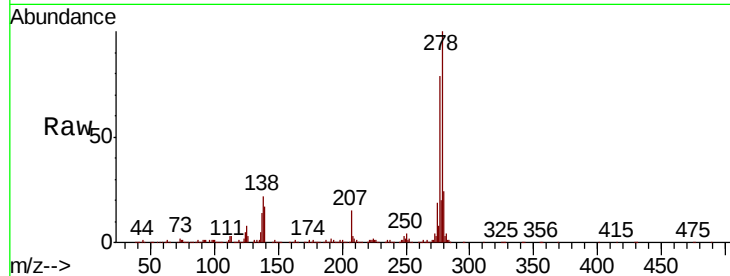
139 16.6 13.7 20.5

279 23.7 18.6 28.0

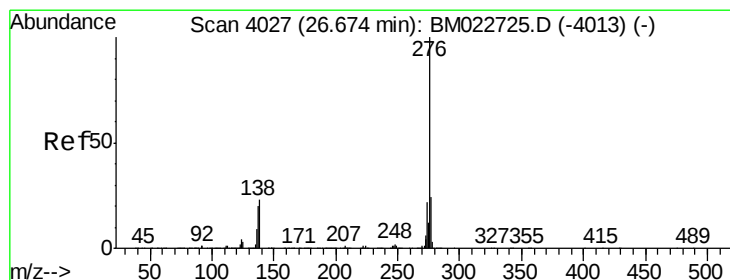
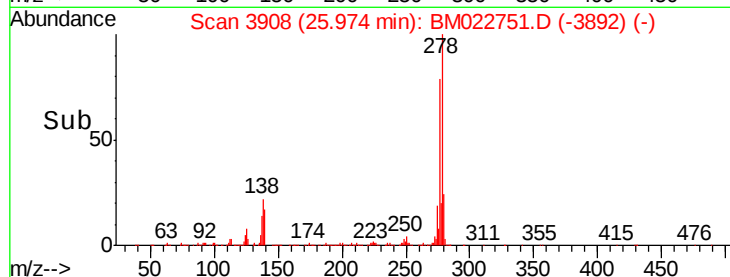
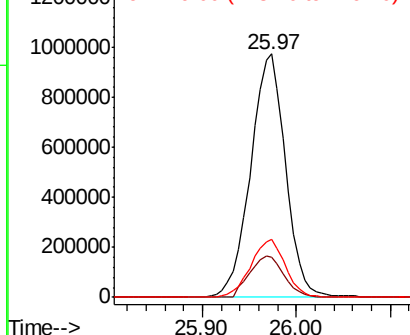
Manual Integrations
APPROVED

mohammad

9/26/2019 8:25:18 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 32.357 ng

RT: 26.67 min Scan# 4026

Delta R.T. -0.01 min

Lab File: BM022751.D

Acq: 24 Sep 2019 15:48

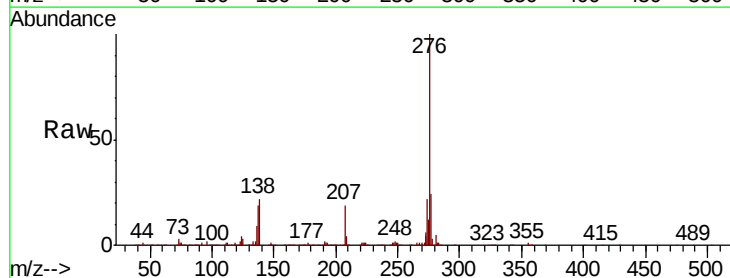
Tgt Ion:276 Resp: 2328260

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 22.2 18.5 27.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

