

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092419\
 Data File : BM022753.D
 Acq On : 24 Sep 2019 17:01
 Operator : JU
 Sample : PB123298BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Manual Integrations
 APPROVED

mohammad
 9/26/2019 8:25:23 AM

Quant Time: Sep 25 04:12:59 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	248591	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1038201	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	636911	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1299773	20.00	ng	0.00
76) Chrysene-d12	21.37	240	1280987	20.00	ng	0.00
87) Perylene-d12	23.64	264	1235274	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1756317	112.05	ng	0.00
7) Phenol-d6	6.99	99	2274778	112.99	ng	0.00
23) Nitrobenzene-d5	8.97	82	1209586	64.67	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	908935	114.32	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	3005343	64.98	ng	0.00
79) Terphenyl-d14	19.82	244	4492657	67.91	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	239707	38.006	ng	# 100
3) Pyridine	3.71	79	586748	35.294	ng	99
4) n-Nitrosodimethylamine	3.62	42	261636	43.231	ng	# 98
6) Aniline	7.15	93	873888	36.201	ng	99
8) 2-Chlorophenol	7.39	128	761164	47.662	ng	98
9) Benzaldehyde	6.96	77	378954	33.058	ng	99
10) Phenol	7.02	94	904766	47.736	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	657863	44.178	ng	99
12) 1,3-Dichlorobenzene	7.71	146	783651	41.056	ng	100
13) 1,4-Dichlorobenzene	7.86	146	797410	41.267	ng	99
14) 1,2-Dichlorobenzene	8.17	146	756639	41.071	ng	99
15) Benzyl Alcohol	8.06	79	598289	47.494	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.36	45	895141	41.382	ng	99
17) 2-Methylphenol	8.26	107	608143	48.476	ng	99
18) Hexachloroethane	8.90	117	284191	40.099	ng	97
19) n-Nitroso-di-n-propylamine	8.63	70	499877	44.465	ng	99
20) 3+4-Methylphenols	8.59	107	820935	49.130	ng	99
22) Acetophenone	8.65	105	1006730	39.284	ng	99
24) Nitrobenzene	9.02	77	747193	41.755	ng	98
25) Isophorone	9.55	82	1366015	44.420	ng	99
26) 2-Nitrophenol	9.73	139	363696	47.079	ng	99
27) 2,4-Dimethylphenol	9.79	122	693459	53.620	ng	100
28) bis(2-Chloroethoxy)methane	10.03	93	918868	43.179	ng	100
29) 2,4-Dichlorophenol	10.26	162	708534	48.458	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	740788	41.179	ng	100
31) Naphthalene	10.66	128	2176947	42.437	ng	99
32) Benzoic acid	9.94	122	410468	46.352	ng	96
33) 4-Chloroaniline	10.77	127	571166	25.644	ng	99
34) Hexachlorobutadiene	10.96	225	426602	39.781	ng	99
35) Caprolactam	11.56	113	211794m	48.859	ng	
36) 4-Chloro-3-methylphenol	11.90	107	708914	49.694	ng	98
37) 2-Methylnaphthalene	12.28	142	1611620	45.134	ng	99
38) 1-Methylnaphthalene	12.50	142	1498655	44.215	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	850308	39.400	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	1120034	95.120	nq	100
43) 2,4,6-Trichlorophenol	12.89	196	559701	44.935	nq	99
44) 2,4,5-Trichlorophenol	12.96	196	611661	47.123	nq	99
46) 1,1'-Biphenyl	13.29	154	2052546	38.938	nq	100
47) 2-Chloronaphthalene	13.33	162	1581315	40.248	nq	99
48) 2-Nitroaniline	13.53	65	426141	41.653	nq	99
49) Acenaphthylene	14.18	152	2542451	43.699	nq	100
50) Dimethylphthalate	13.92	163	1961206	42.609	nq	100
51) 2,6-Dinitrotoluene	14.03	165	438077	45.501	nq	99
52) Acenaphthene	14.52	154	1518972	39.906	nq	99
53) 3-Nitroaniline	14.36	138	331601	29.918	nq	100
54) 2,4-Dinitrophenol	14.56	184	482033	91.332	nq	94
55) Dibenzofuran	14.86	168	2380429	42.837	nq	99
56) 4-Nitrophenol	14.67	139	810415	95.127	nq	96
57) 2,4-Dinitrotoluene	14.82	165	605229	47.984	nq	97
58) Fluorene	15.50	166	1935206	42.855	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	536768	47.417	nq	97
60) Diethylphthalate	15.28	149	1984426	44.340	nq	99
61) 4-Chlorophenyl-phenylether	15.50	204	990588	42.694	nq	98
62) 4-Nitroaniline	15.52	138	487819	41.980	nq	99
63) Azobenzene	15.79	77	1759109	43.525	nq	99
65) 4,6-Dinitro-2-methylphenol	15.58	198	324134	49.385	nq	92
66) n-Nitrosodiphenylamine	15.71	169	1724795	43.437	nq	100
67) 4-Bromophenyl-phenylether	16.39	248	620181	42.899	nq	98
68) Hexachlorobenzene	16.51	284	686169	40.700	nq	98
69) Atrazine	16.66	200	548312	42.477	nq	99
70) Pentachlorophenol	16.85	266	892305	99.244	nq	99
71) Phenanthrene	17.24	178	3045014	41.519	nq	100
72) Anthracene	17.33	178	3092361	43.506	nq	99
73) Carbazole	17.59	167	2854936	43.163	nq	99
74) Di-n-butylphthalate	18.16	149	3352786	44.705	nq	100
75) Fluoranthene	19.25	202	3584533	43.313	nq	99
77) Benzidine	19.43	184	1664698	47.371	nq	100
78) Pyrene	19.62	202	3696869	44.037	nq	99
80) Butylbenzylphthalate	20.51	149	1521418	47.686	nq	98
81) Benzo(a)anthracene	21.36	228	3523843	42.444	nq	99
82) 3,3'-Dichlorobenzidine	21.29	252	941695	31.984	nq	99
83) Chrysene	21.41	228	3352571	41.653	nq	99
84) Bis(2-ethylhexyl)phthalate	21.29	149	2234688	47.272	nq	99
85) Di-n-octyl phthalate	22.18	149	3645602	48.387	nq	98
86) Indeno(1,2,3-cd)pyrene	25.96	276	3213095	33.446	nq	# 100
88) Benzo(b)fluoranthene	22.96	252	3423760	45.777	nq	99
89) Benzo(k)fluoranthene	23.01	252	3237610	43.627	nq	99
90) Benzo(a)pyrene	23.55	252	3133238	45.463	nq	99
91) Dibenzo(a,h)anthracene	25.97	278	2706794	37.548	nq	99
92) Benzo(g,h,i)perylene	26.66	276	2540488	37.104	nq	99

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

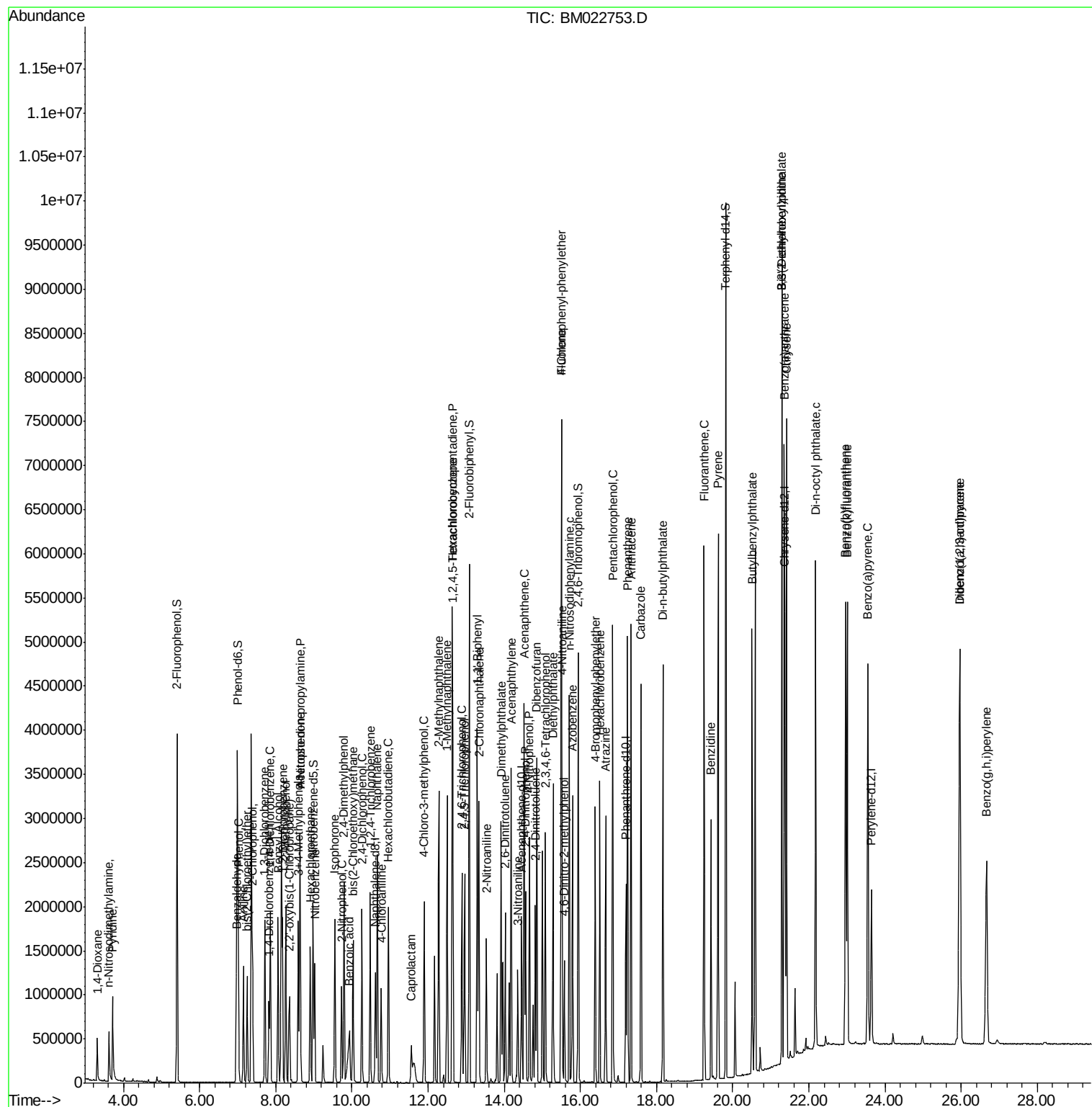
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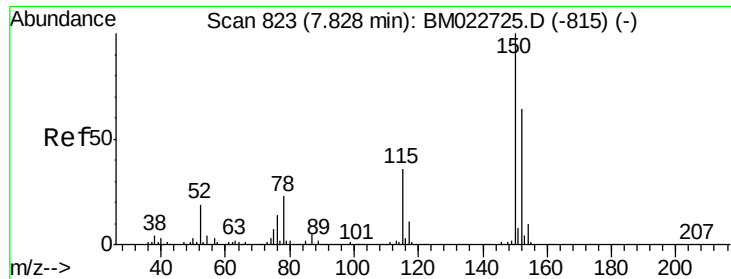
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ClientSampleId :
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#1

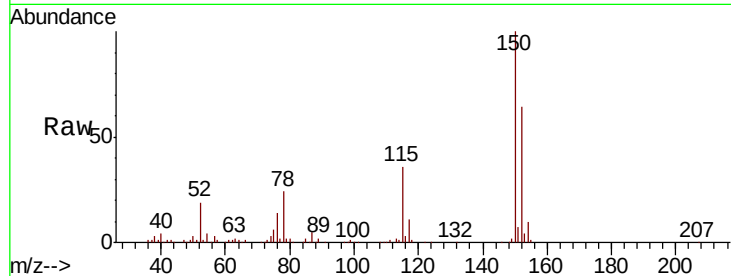
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.5	186.7
115	56.2	45.0	67.4

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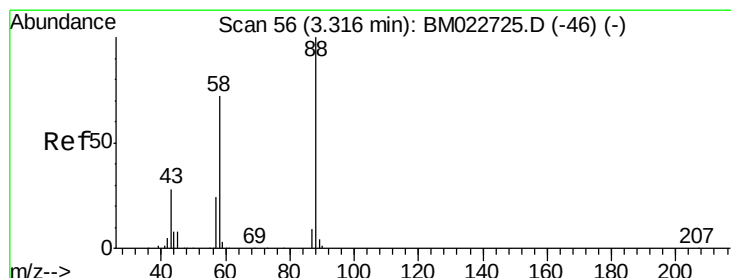
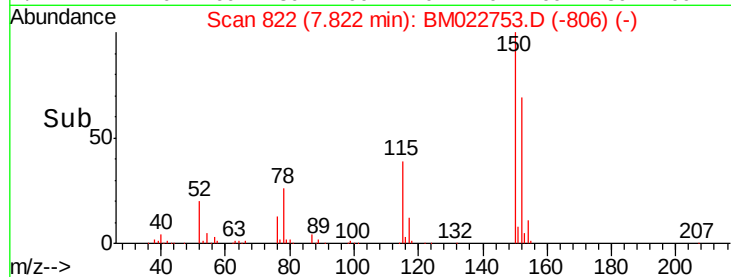
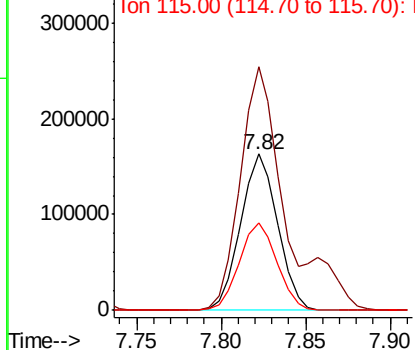


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

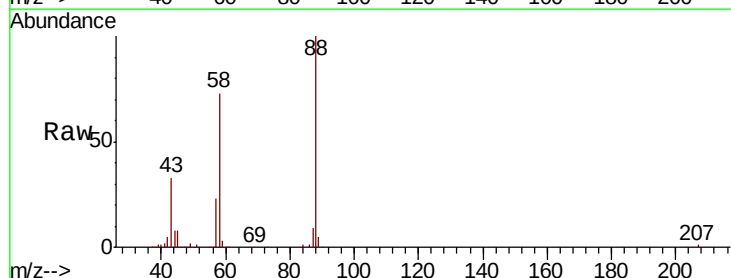
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.006 ng
RT: 3.31 min Scan# 55
Delta R.T. -0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	0.0	0.0#
43	28.0	0.0	0.0#

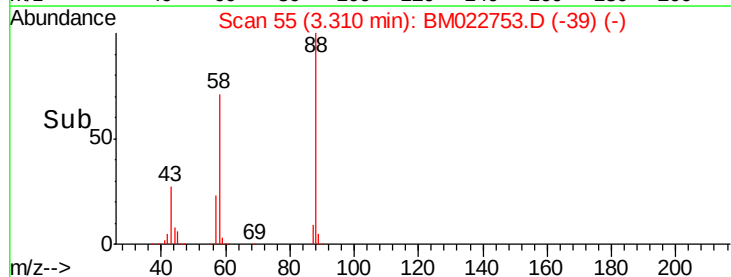
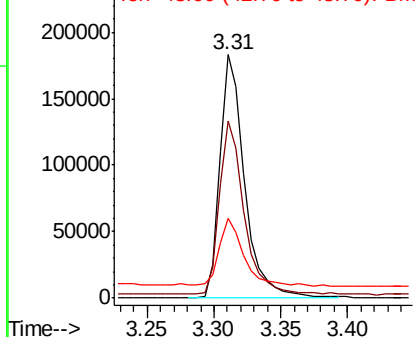


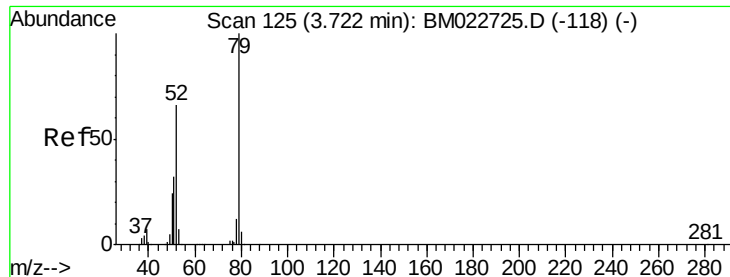
Abundance

Ion 88.00 (87.70 to 88.70): BMC

Ion 58.00 (57.70 to 58.70): BMC

Ion 43.00 (42.70 to 43.70): BMC





#3

Pvridine

Concen: 35.294 ng

RT: 3.71 min Scan# 123

Delta R.T. -0.01 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Instrument :

BNA_M

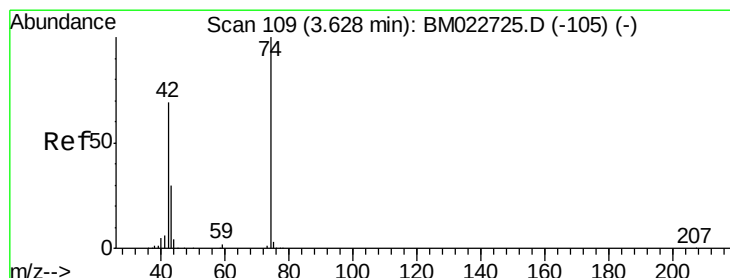
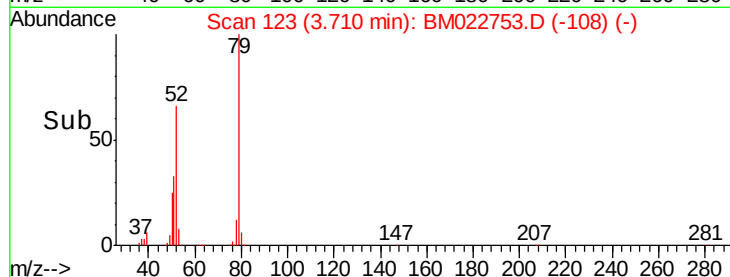
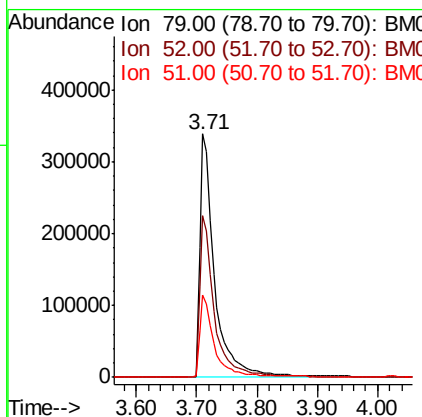
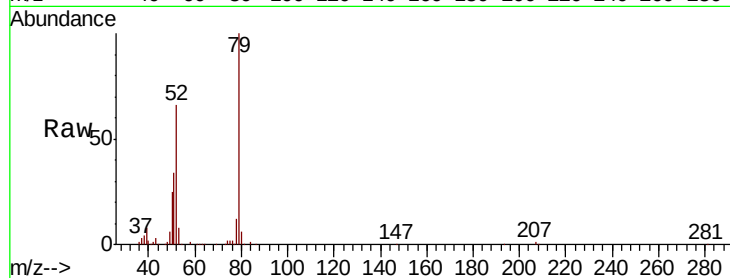
ClientSampleId :

PB123298BSD

Tot Ion:	79	Resp:	586748
Ion Ratio	Lower	Upper	
79	100		
52	66.5	52.4	78.6
51	33.6	26.2	39.4

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#4

n-Nitrosodimethylamine

Concen: 43.231 ng

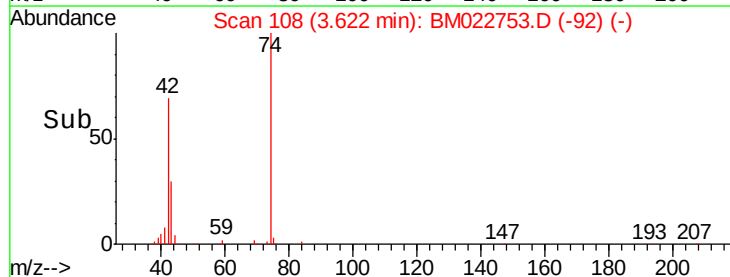
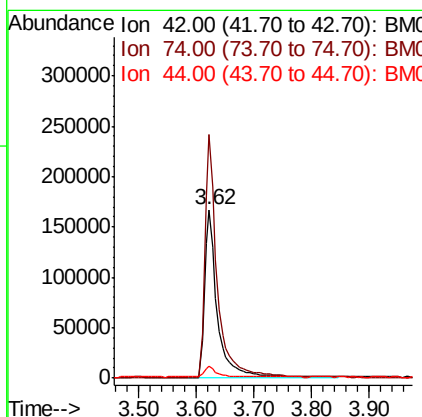
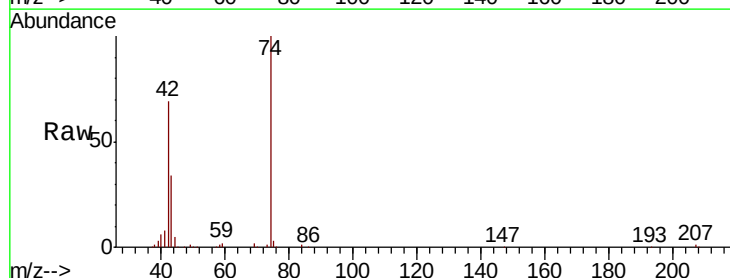
RT: 3.62 min Scan# 108

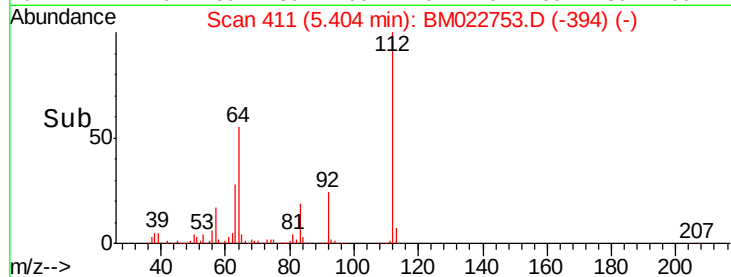
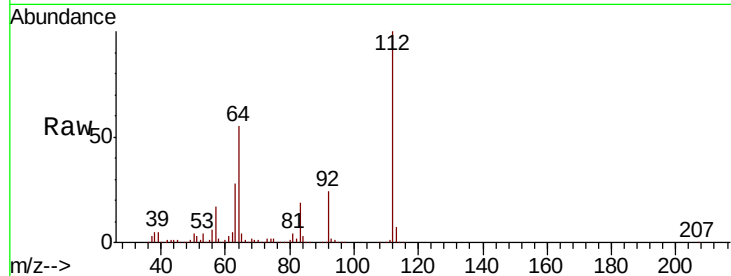
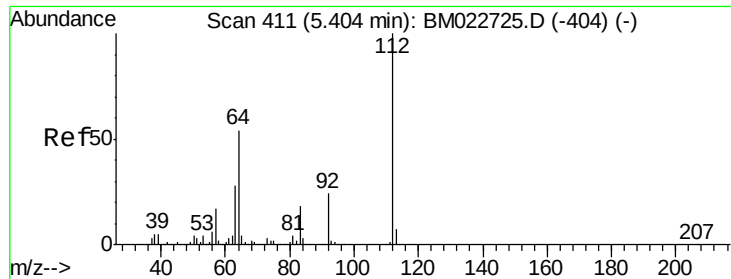
Delta R.T. -0.01 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Tgt Ion:	42	Resp:	261636
Ion Ratio	Lower	Upper	
42	100		
74	144.3	116.6	175.0
44	7.2	8.2	12.4





#5

2-Fluorophenol

Concen: 112.050 ng

RT: 5.40 min Scan# 411

Delta R.T. 0.00 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Tot Ion:	112	Resp:	1756317
Ion	Ratio	Lower	Upper
112	100		
64	54.7	43.4	65.2
63	28.5	22.1	33.1

Instrument :

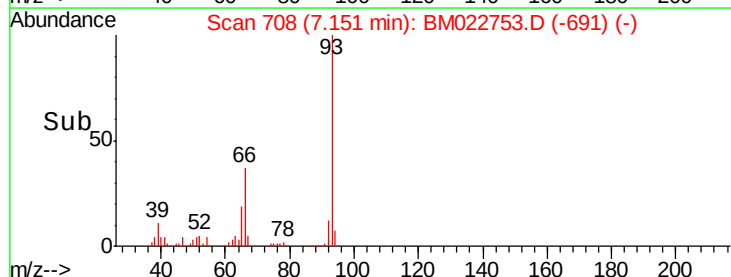
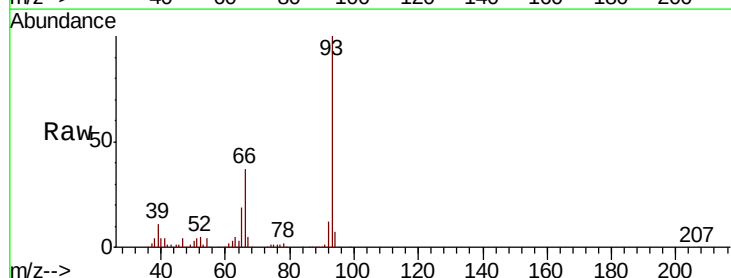
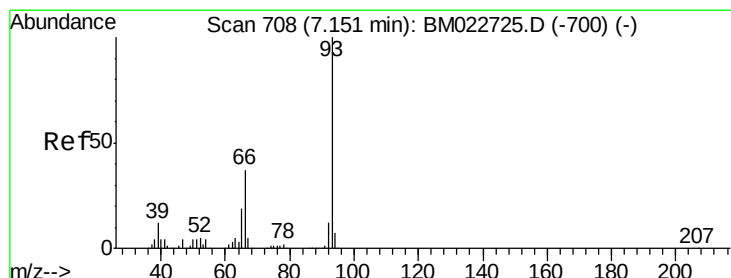
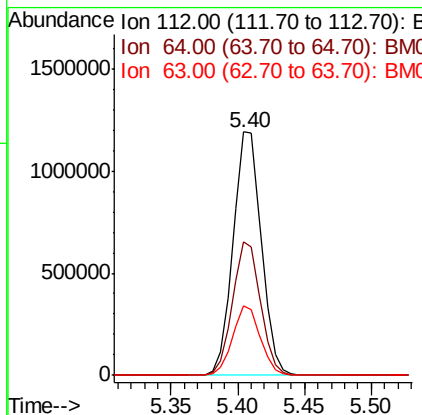
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#6

Aniline

Concen: 36.201 ng

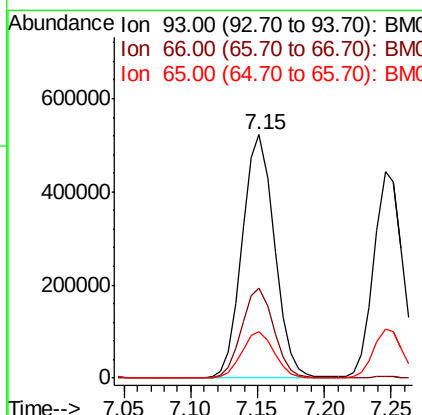
RT: 7.15 min Scan# 708

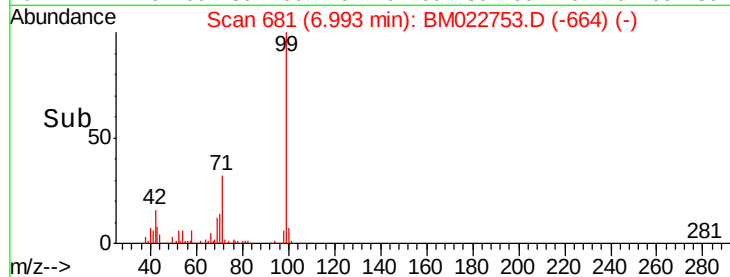
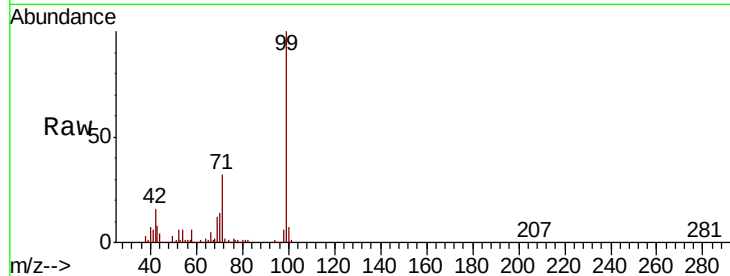
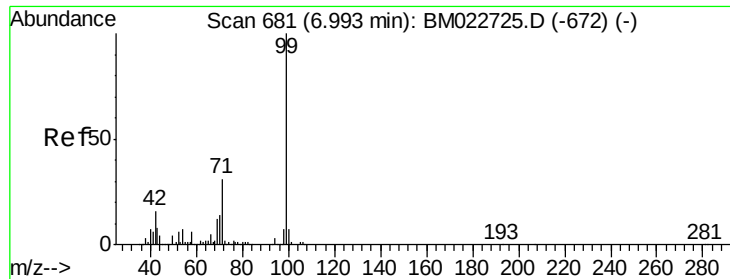
Delta R.T. 0.00 min

Lab File: BM022753.D

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Tgt Ion:	93	Resp:	873888
Ion	Ratio	Lower	Upper
93	100		
66	37.0	29.3	43.9
65	18.9	15.3	22.9





#7

Phenol-d6

Concen: 112.993 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Tot Ion: 99 Resp: 2274778

Ion Ratio Lower Upper

99 100

42 16.3 13.0 19.4

71 31.5 24.7 37.1

Instrument :

BNA_M

ClientSampleId :

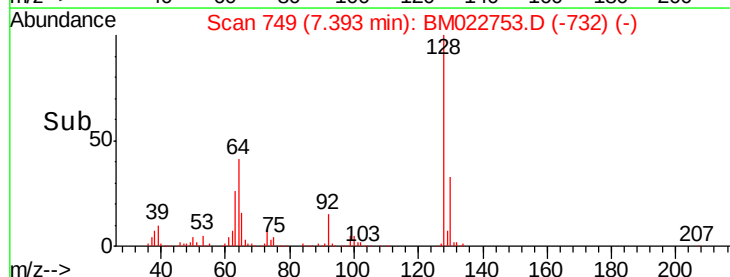
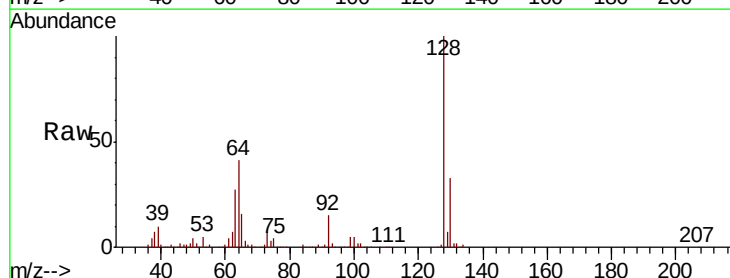
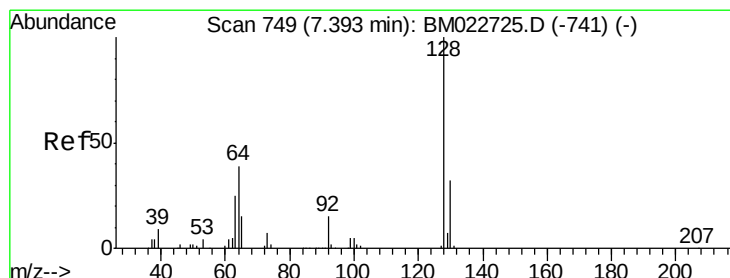
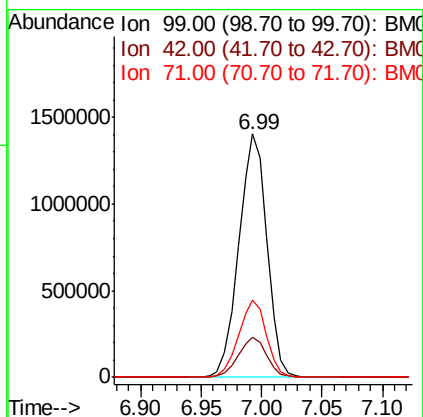
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#8

2-Chlorophenol

Concen: 47.662 ng

RT: 7.39 min Scan# 749

Delta R.T. 0.00 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

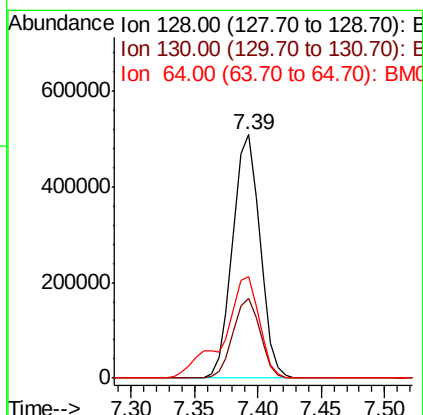
Tgt Ion: 128 Resp: 761164

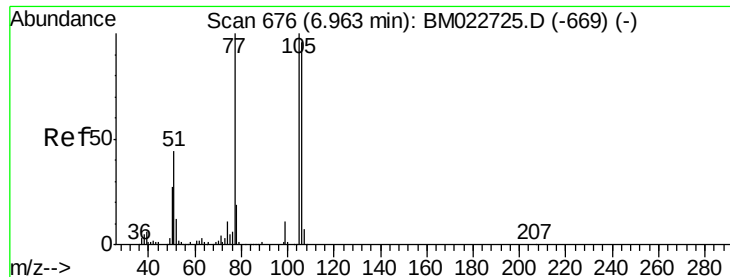
Ion Ratio Lower Upper

128 100

130 32.6 12.1 52.1

64 41.5 22.9 62.9





#9

Benzaldehyde

Concen: 33.058 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.00 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Instrument :

BNA_M

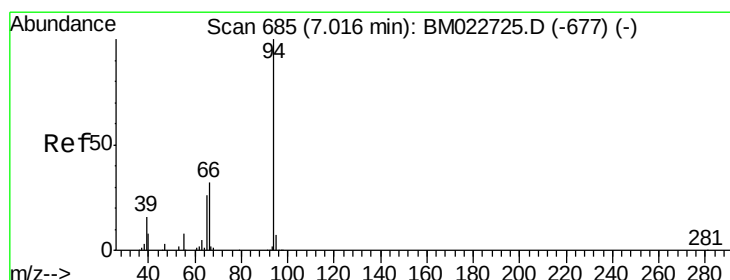
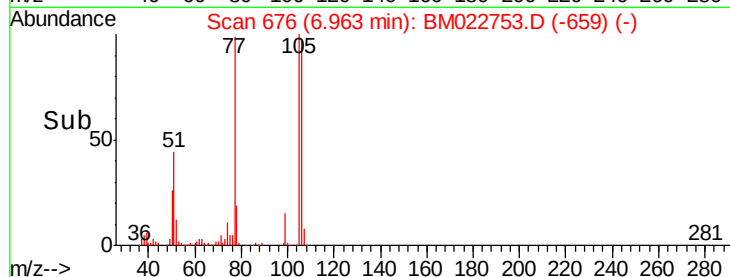
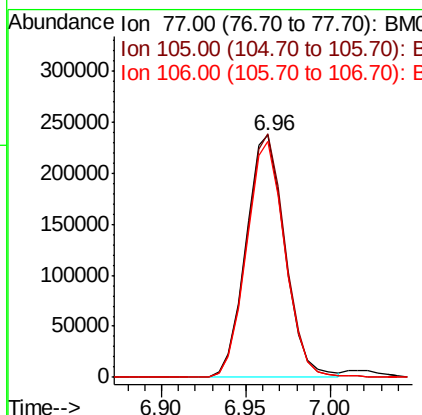
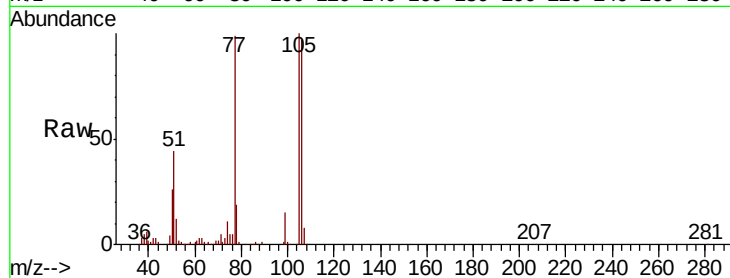
ClientSampleId :

PB123298BSD

Tot Ion:	77	Resp:	378954
Ion	Ratio	Lower	Upper
77	100		
105	100.6	79.6	119.6
106	97.8	76.3	116.3

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#10

Phenol

Concen: 47.736 ng

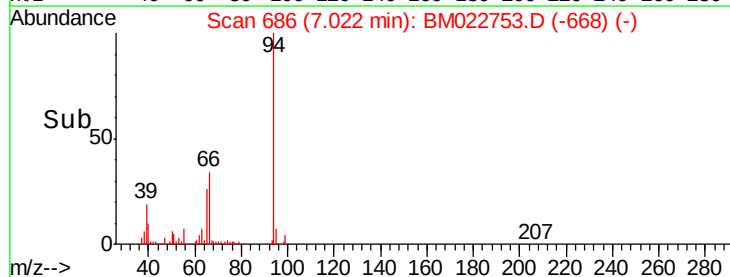
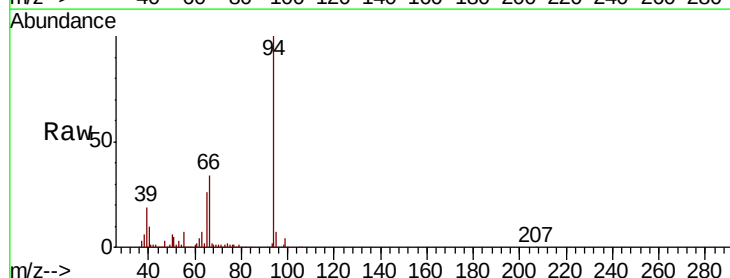
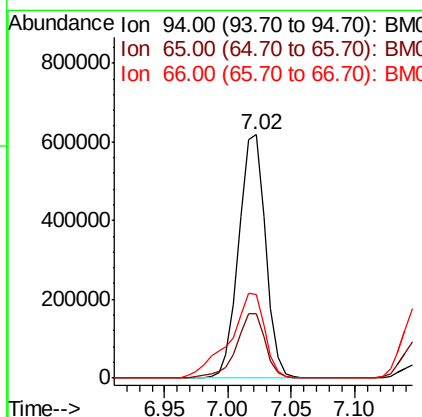
RT: 7.02 min Scan# 686

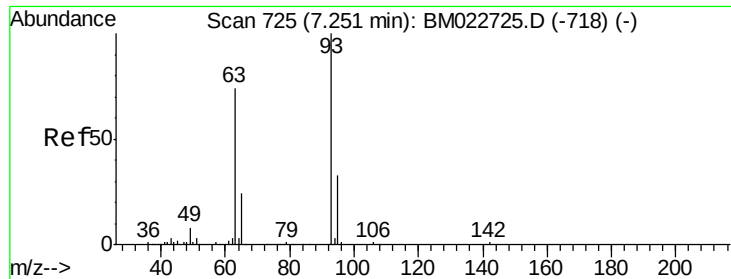
Delta R.T. 0.01 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Tgt Ion:	94	Resp:	904766
Ion	Ratio	Lower	Upper
94	100		
65	26.3	6.7	46.7
66	34.2	13.8	53.8





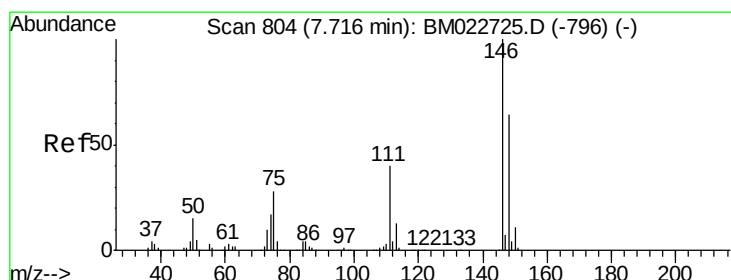
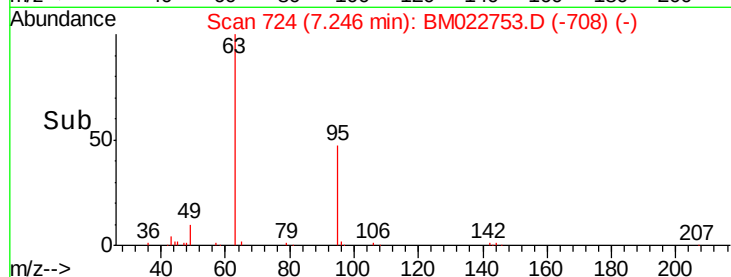
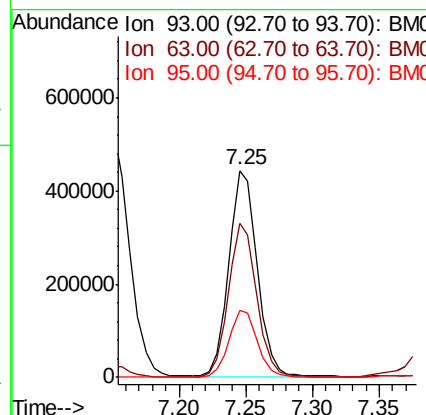
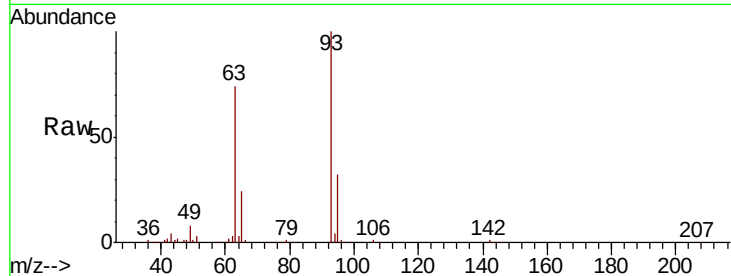
#11
bis(2-Chloroethyl)ether
Concen: 44.178 ng
RT: 7.25 min Scan# 724
Delta R.T. -0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	657863		
63	74.4		53.8	93.8
95	32.2		12.7	52.7

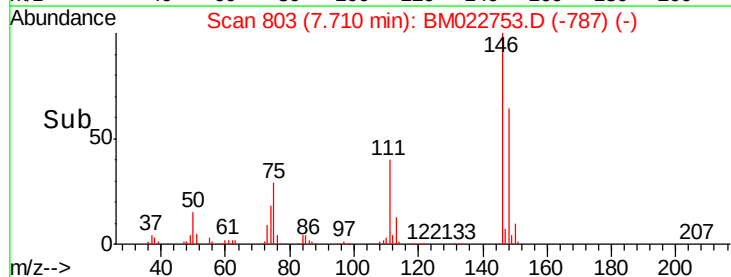
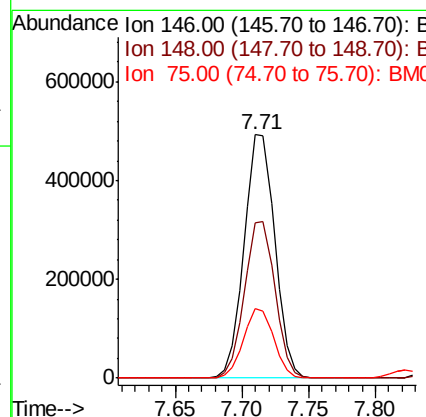
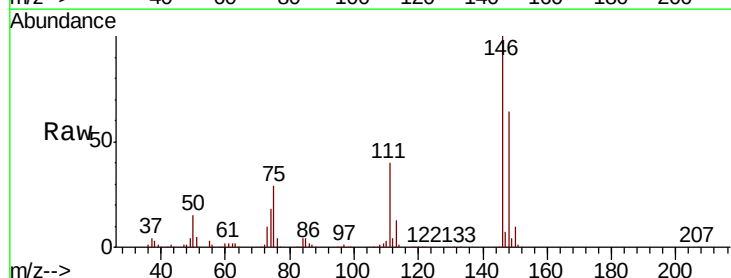
Manual Integrations
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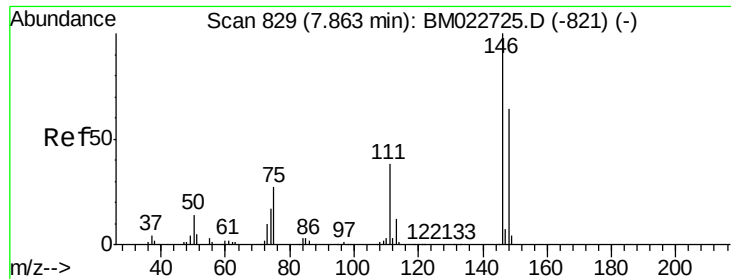
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.056 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	783651		
148	64.0		51.3	76.9
75	28.6		22.5	33.7





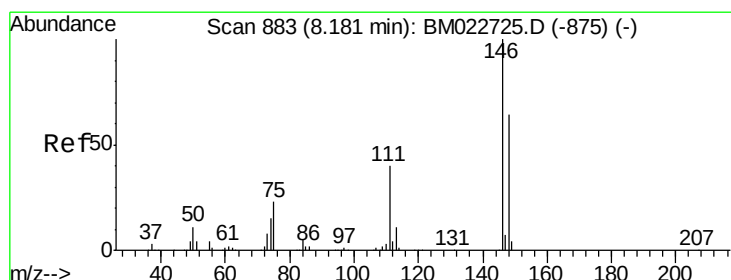
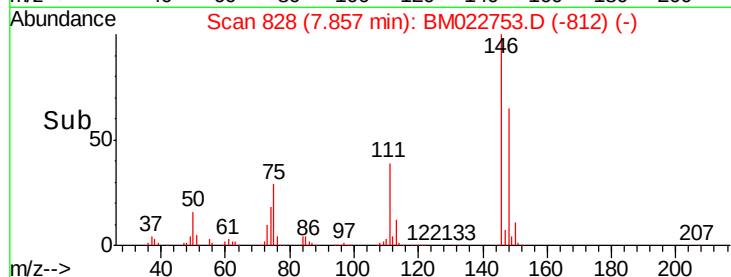
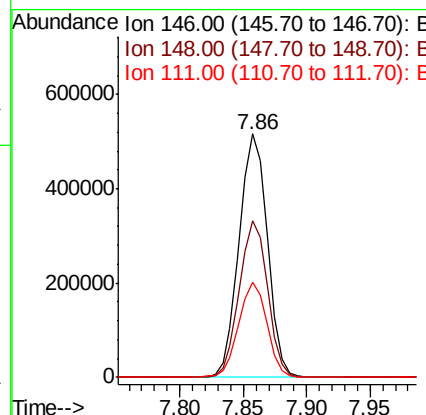
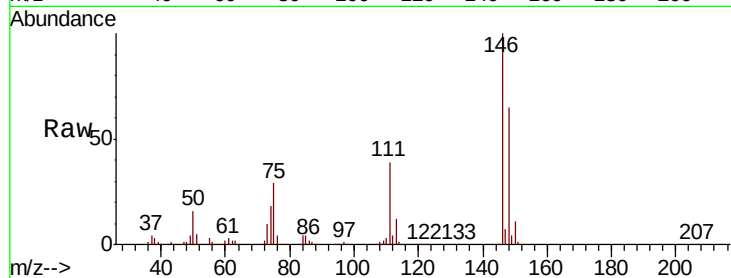
#13
 1,4-Dichlorobenzene
 Concen: 41.267 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.0
111	39.2	30.9	46.3

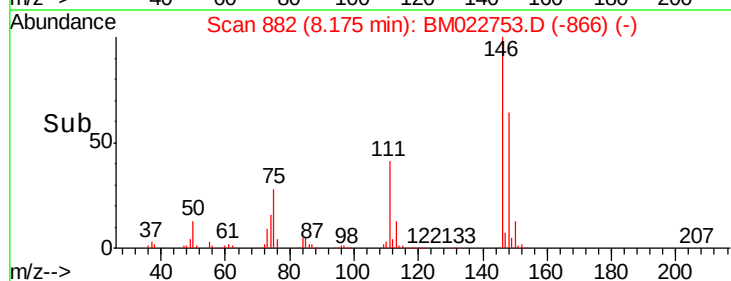
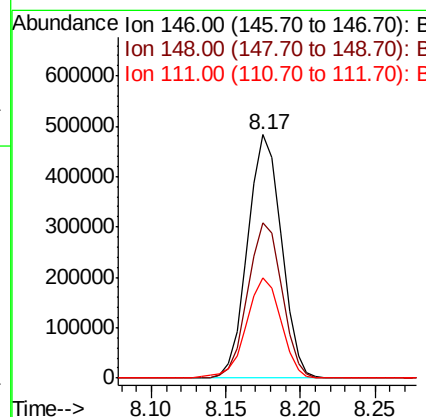
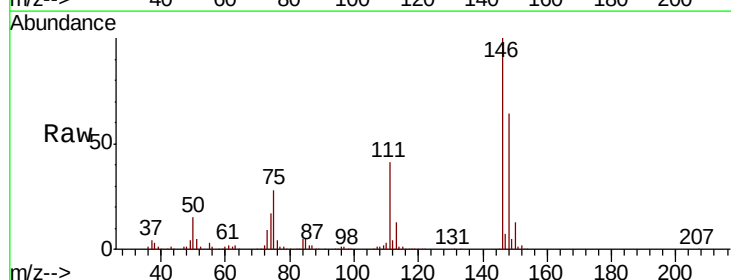
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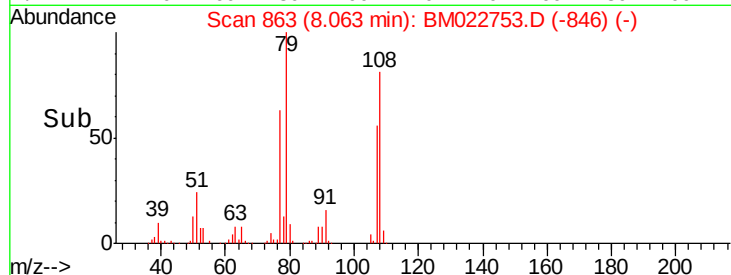
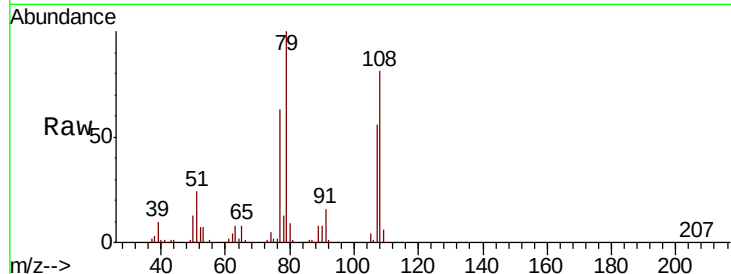
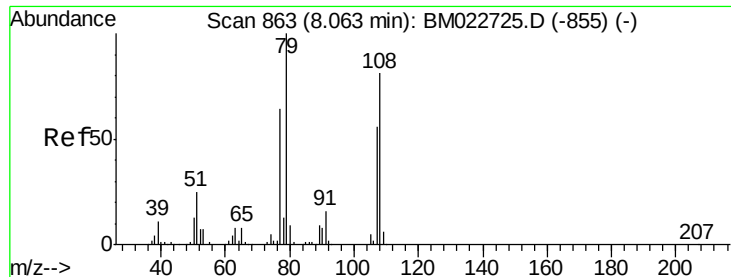
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.071 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.3	76.9
111	41.1	32.3	48.5





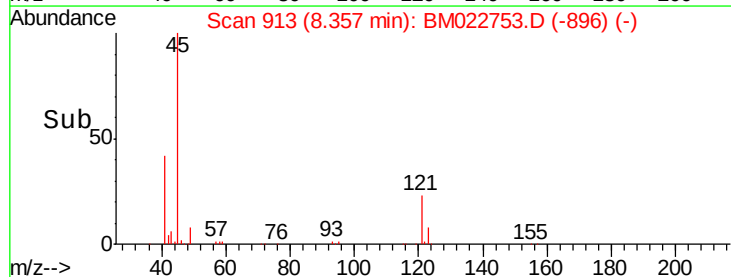
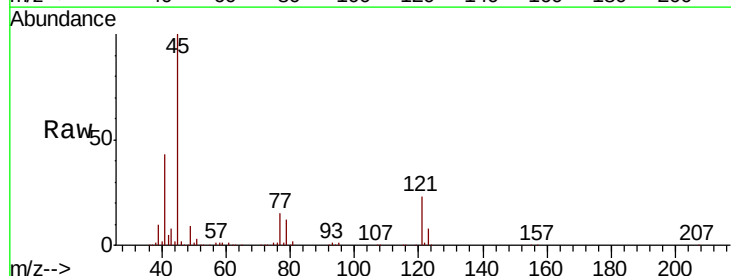
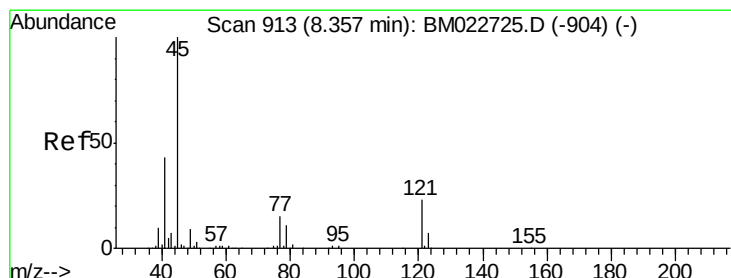
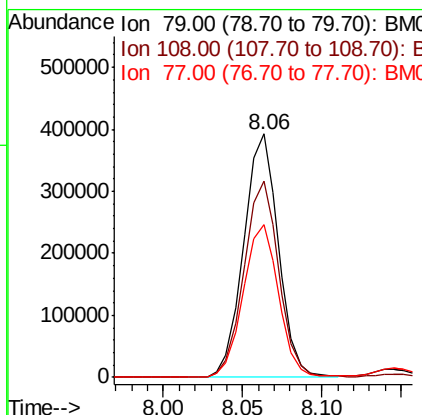
#15
Benzyl Alcohol
Concen: 47.494 ng
RT: 8.06 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	80.7	64.9	97.3	
77	62.9	51.1	76.7	

Instrument :
BNA_M
ClientSampleID :
PB123298BSD

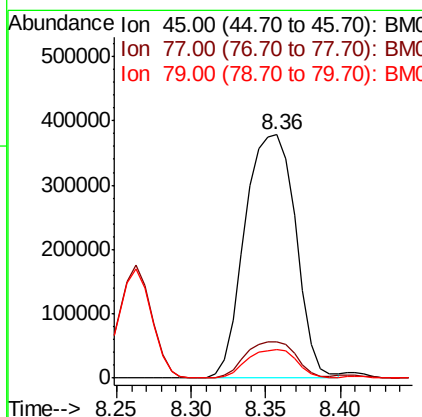
Manual Integrations
APPROVED

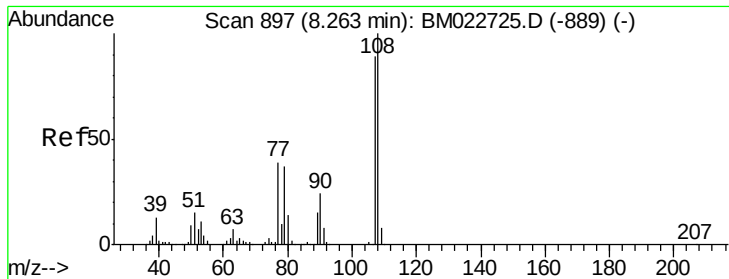
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.382 ng
RT: 8.36 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.8	0.0	35.1	
79	11.7	0.0	31.4	





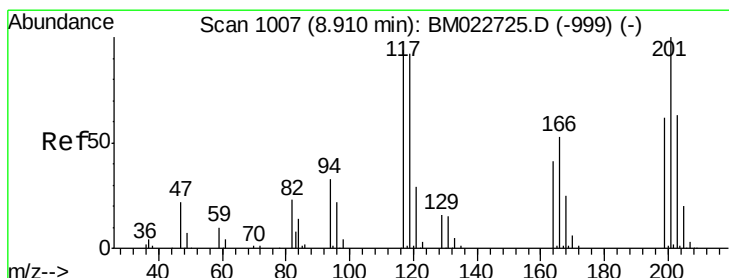
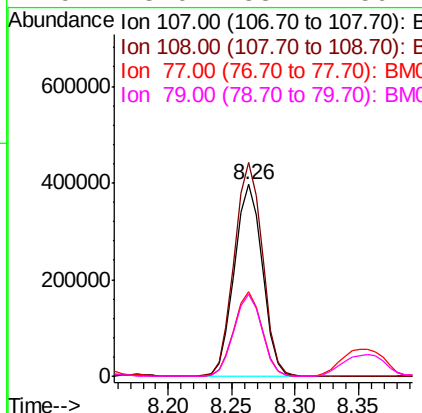
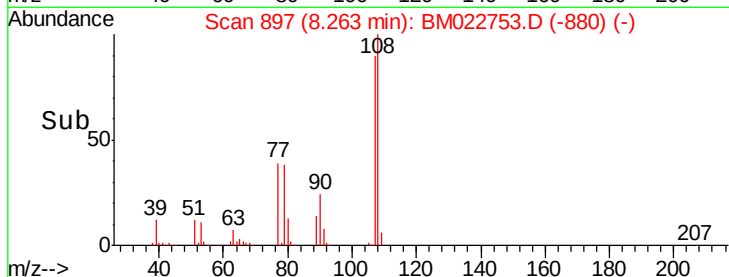
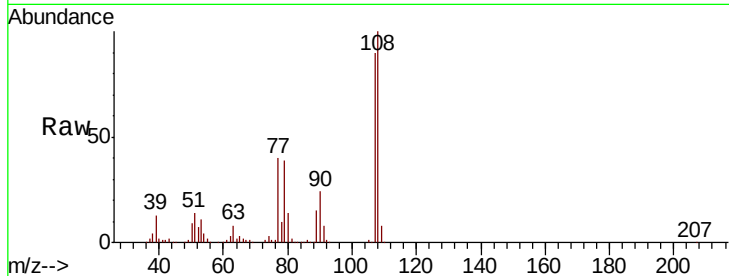
#17
2-Methylphenol
Concen: 48.476 ng
RT: 8.26 min Scan# 897
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	90.0	135.0	
77	44.1	35.2	52.8	
79	43.0	33.4	50.2	

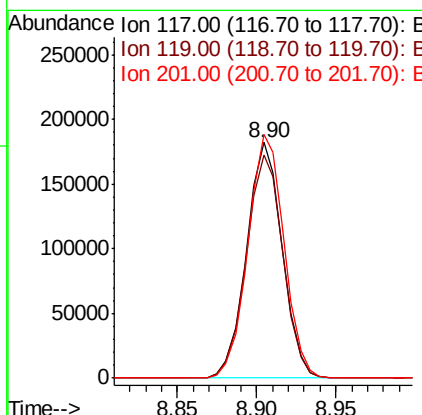
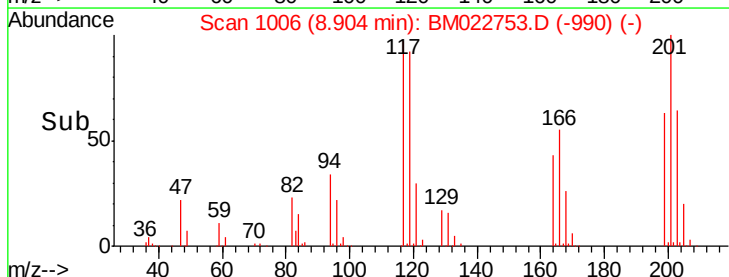
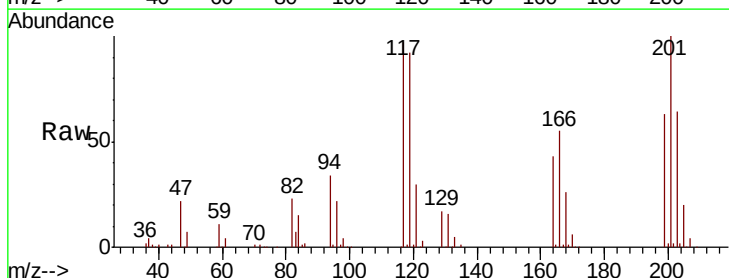
Manual Integrations
APPROVED

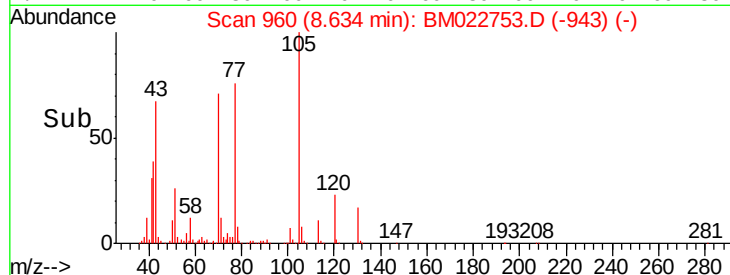
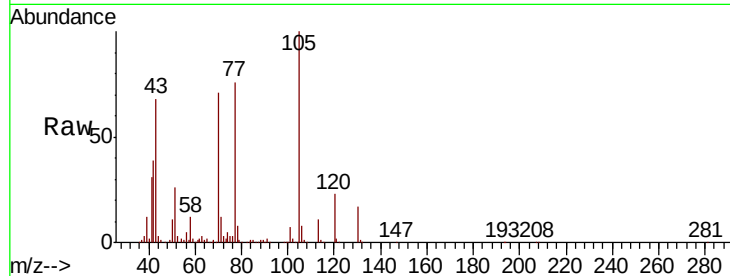
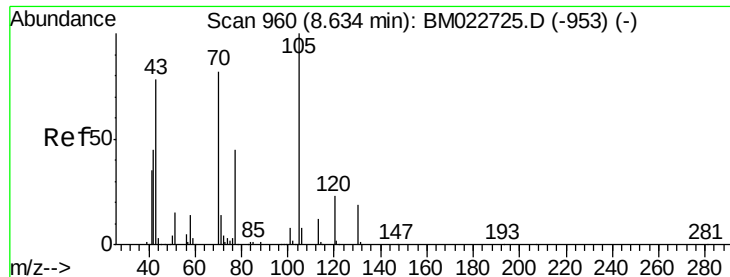
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#18
Hexachloroethane
Concen: 40.099 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	78.0	117.0	
201	103.4	85.0	127.6	





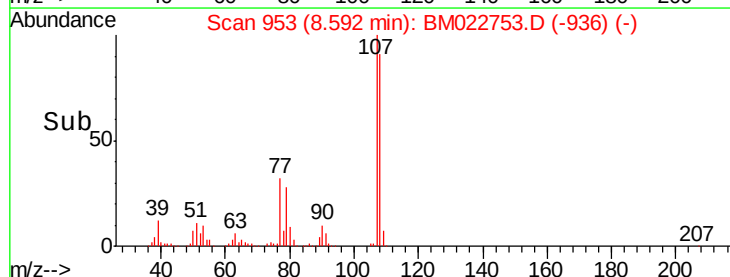
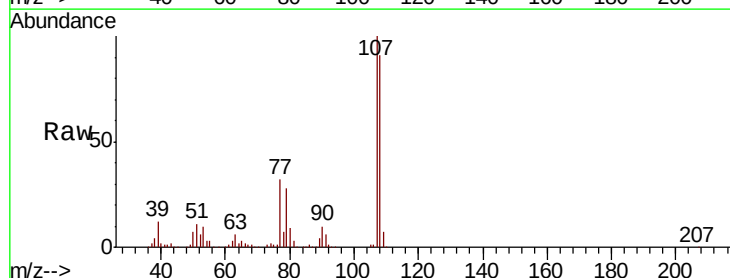
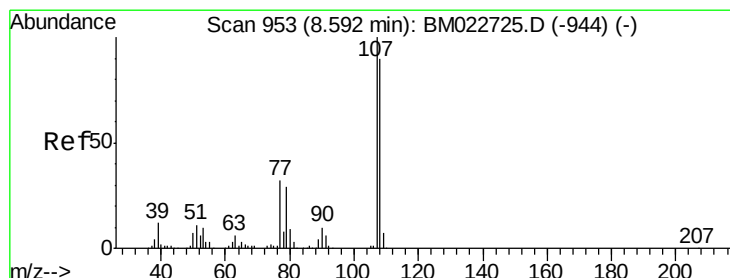
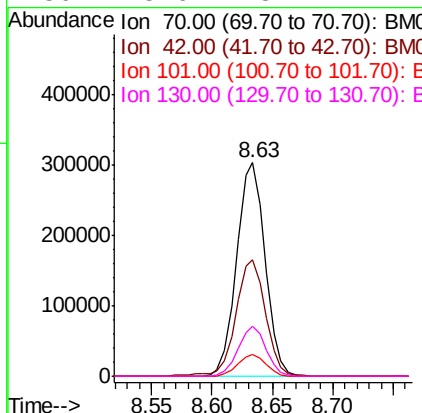
#19
n-Nitroso-di-n-propylamine
Concen: 44.465 ng
RT: 8.63 min Scan# 960
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		499877		
42	54.8	44.4	66.6		
101	10.3	7.8	11.6		
130	23.6	18.2	27.4		

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

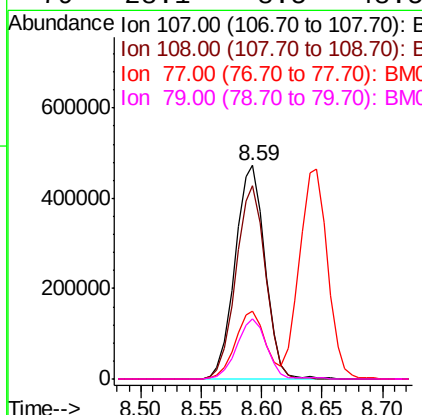
Manual Integrations
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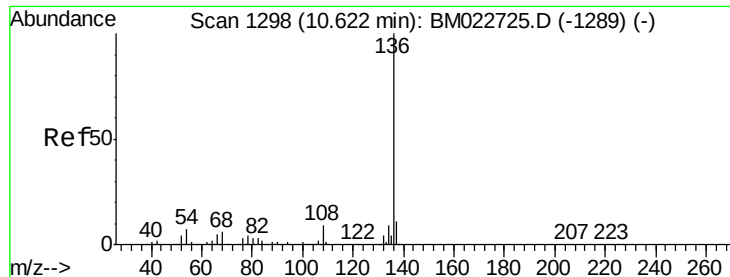
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#20
3+4-Methylphenols
Concen: 49.130 ng
RT: 8.59 min Scan# 953
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		820935		
108	90.8	70.1	110.1		
77	31.9	12.1	52.1		
79	28.1	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: BM022753.D

Acq: 24 Sep 2019 17:01

Instrument :

BNA_M

ClientSampleId :

PB123298BSD

Tot Ion:136 Resp: 1038201

Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

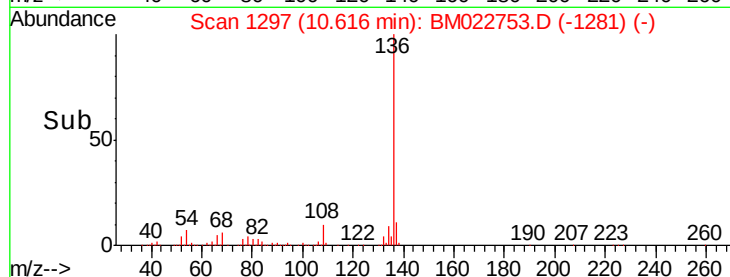
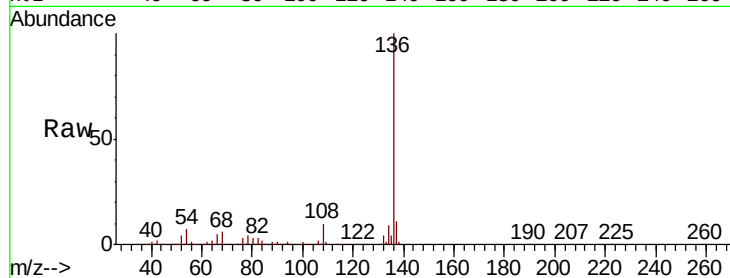
54 7.2 6.0 9.0

68 5.9 4.9 7.3

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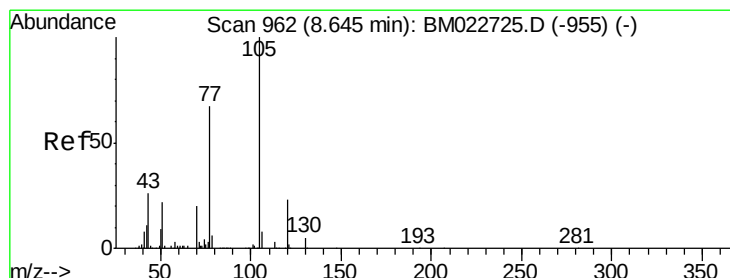
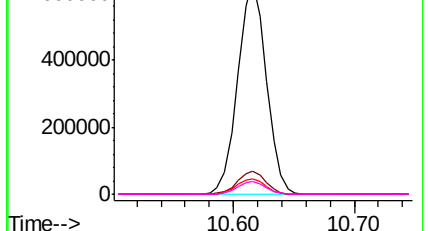


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 39.284 ng

RT: 8.65 min Scan# 962

Delta R.T. 0.00 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Tgt Ion:105 Resp: 1006730

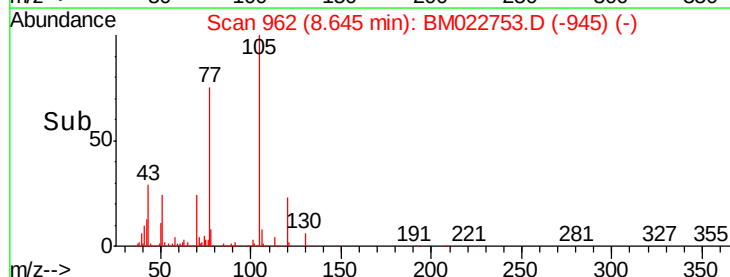
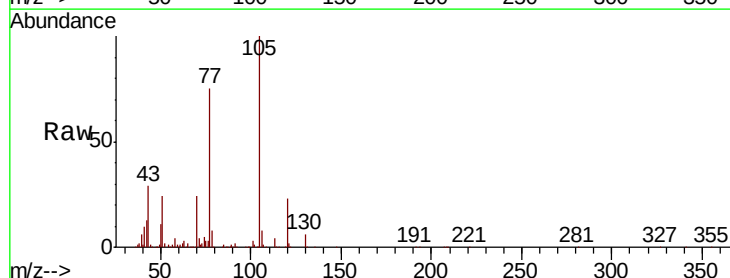
Ion Ratio Lower Upper

105 100

71 3.8 2.7 4.1

51 24.1 19.9 29.9

120 23.0 18.3 27.5

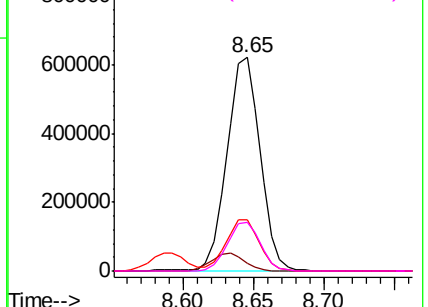


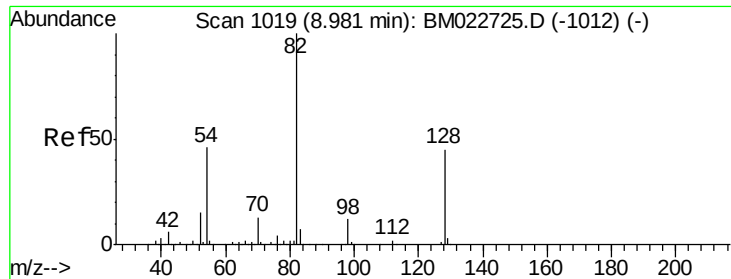
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





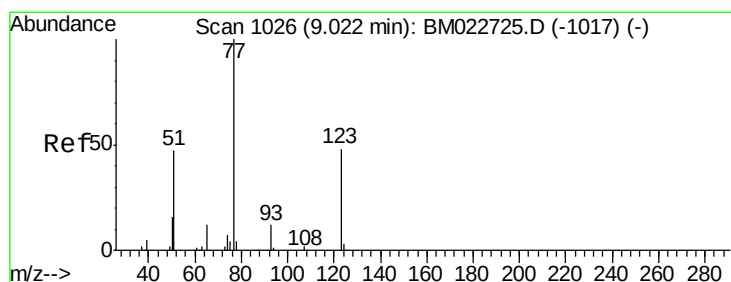
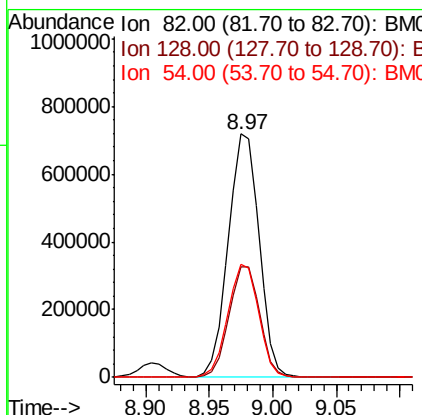
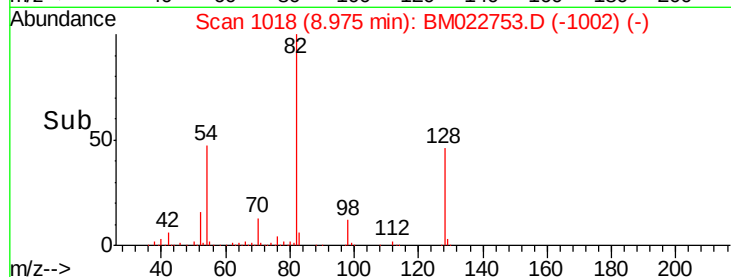
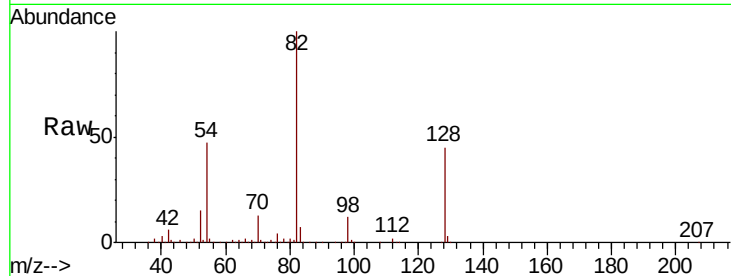
#23
 Nitrobenzene-d5
 Concen: 64.674 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.0	54.0
54	46.6	37.1	55.7

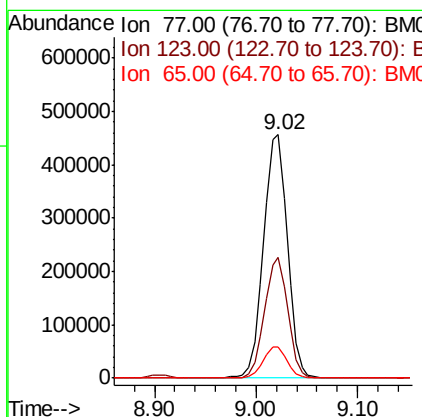
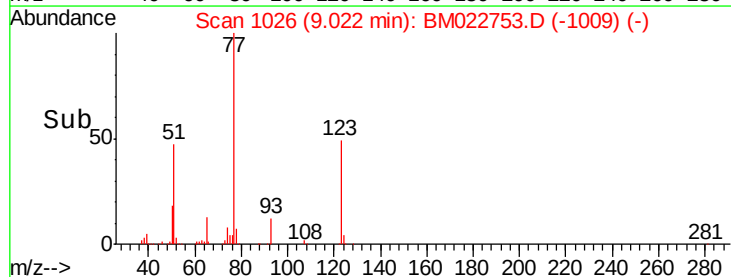
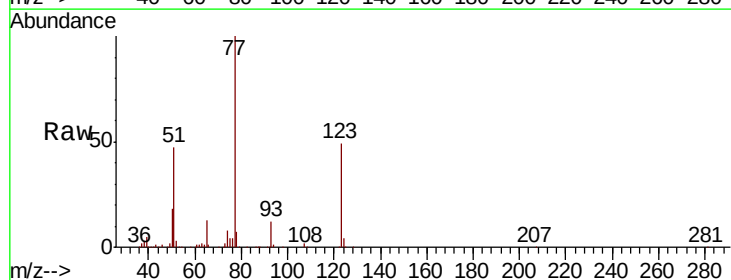
Manual Integrations
 APPROVED

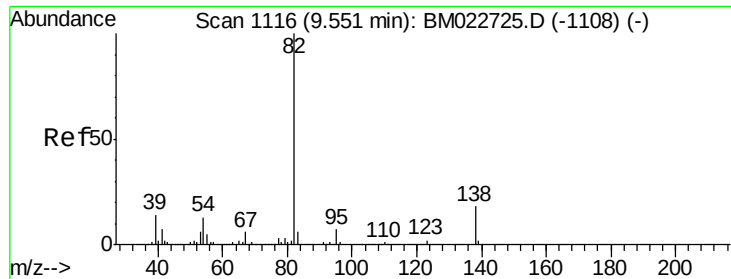
mohammad
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#24
 Nitrobenzene
 Concen: 41.755 ng
 RT: 9.02 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	38.0	57.0
65	12.8	10.0	15.0





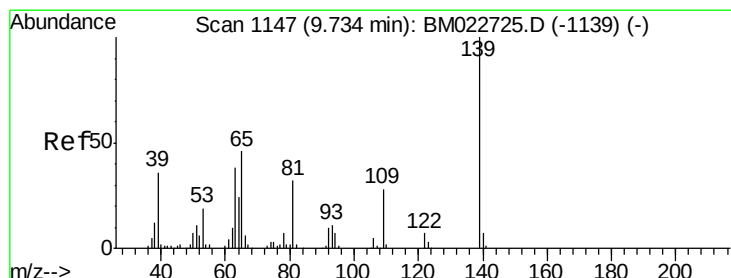
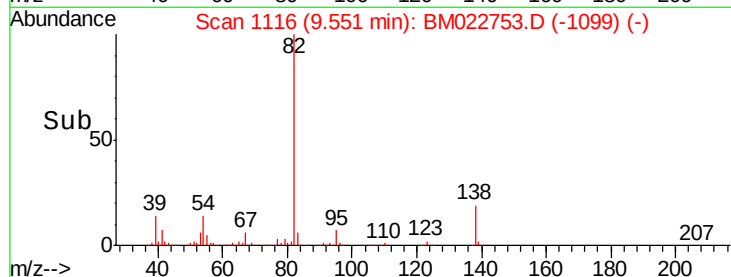
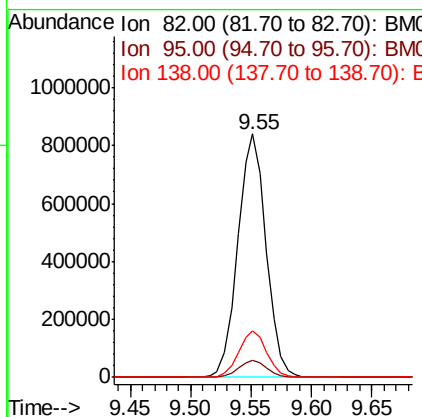
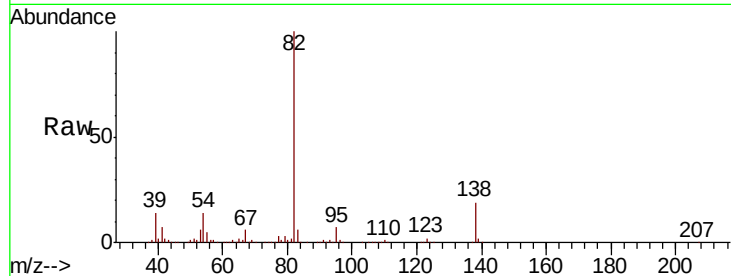
#25
Isophorone
Concen: 44.420 ng
RT: 9.55 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampled :
PB123298BSD

Tot Ion	82	Resp	1366015
Ion Ratio	100	Lower	Upper
82	100		
95	7.0	5.4	8.0
138	19.0	14.7	22.1

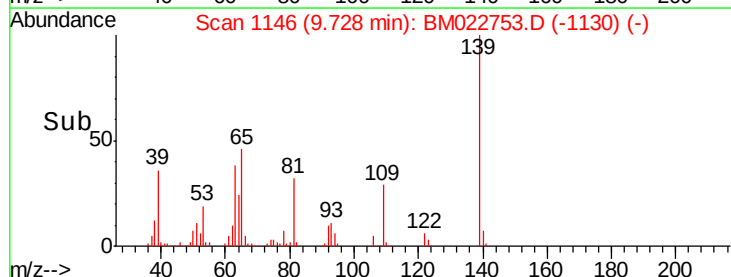
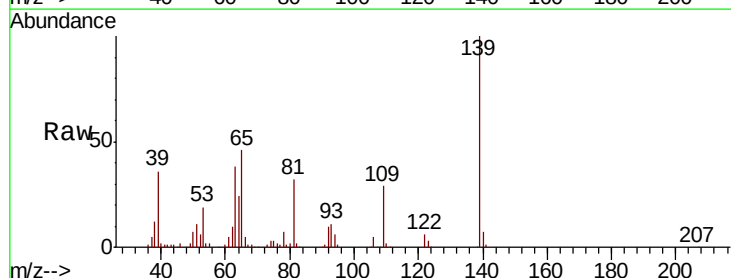
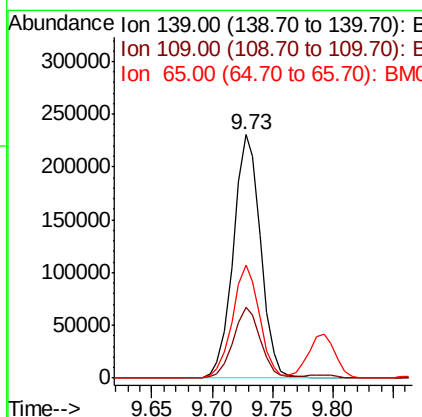
Manual Integrations
APPROVED

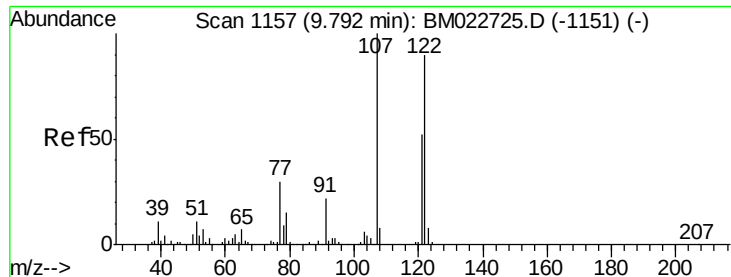
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9/26/2019 8:25:23 AM



#26
2-Nitrophenol
Concen: 47.079 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion	139	Resp	363696
Ion Ratio	100	Lower	Upper
139	100		
109	28.9	22.6	33.8
65	46.5	37.0	55.4





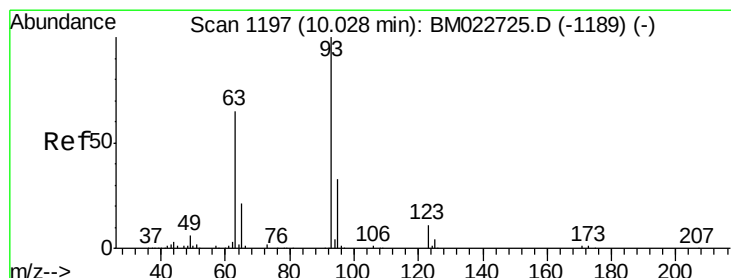
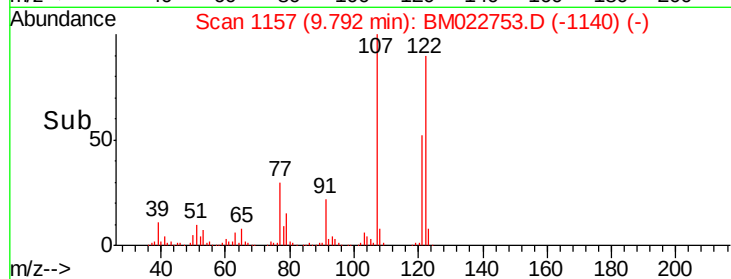
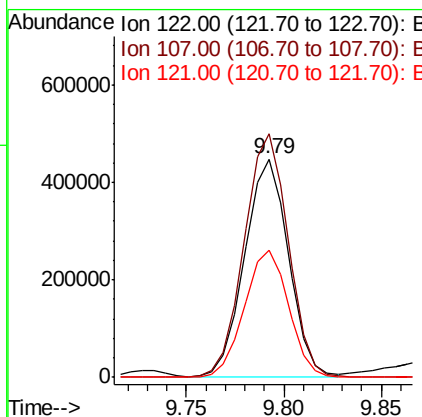
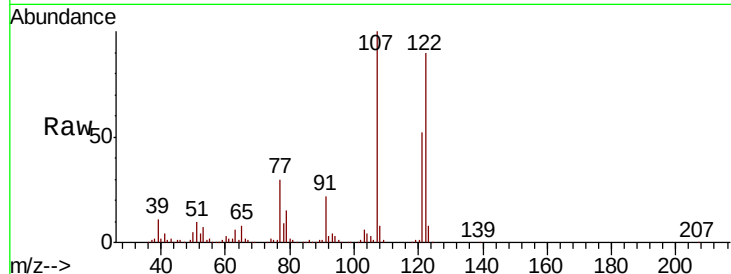
#27
 2,4-Dimethylphenol
 Concen: 53.620 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	693459		
107	111.4	88.9	133.3	
121	58.3	46.5	69.7	

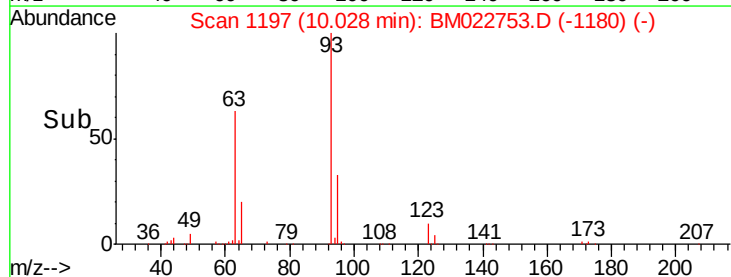
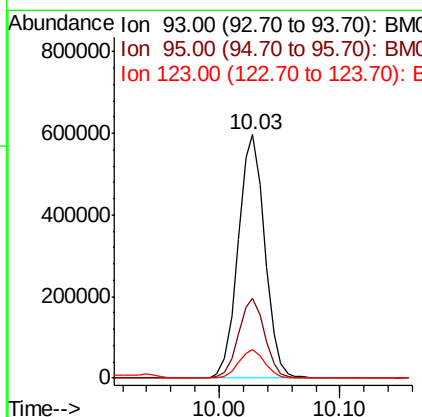
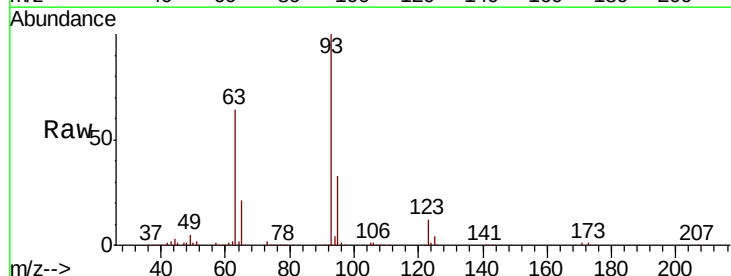
Manual Integrations
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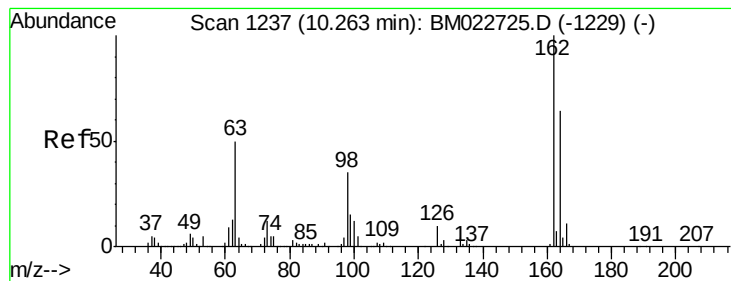
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.179 ng
 RT: 10.03 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	918868		
95	32.6	26.0	39.0	
123	11.9	9.0	13.6	





#29

2,4-Dichlorophenol

Concen: 48.458 ng

RT: 10.26 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Instrument :

BNA_M

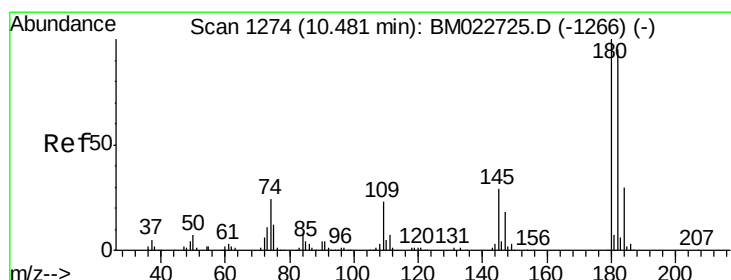
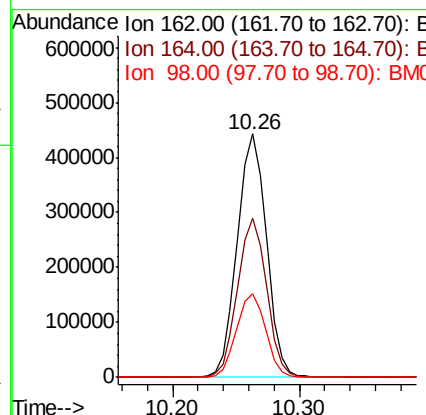
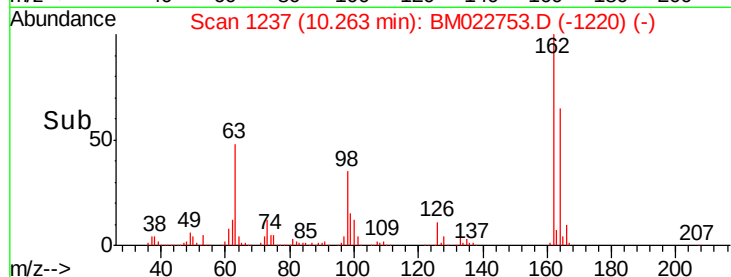
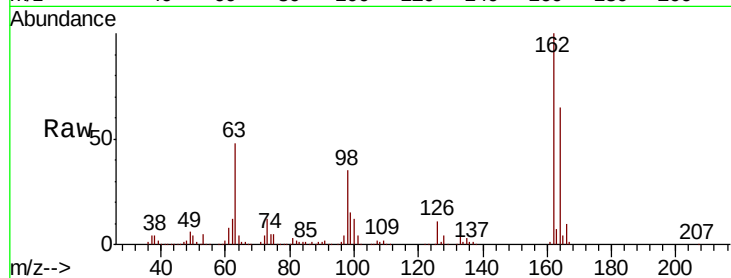
ClientSampleId :

PB123298BSD

Tot Ion:	162	Resp:	708534
Ion Ratio	Lower	Upper	
162	100		
164	65.3	44.4	84.4
98	34.6	14.8	54.8

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 41.179 ng

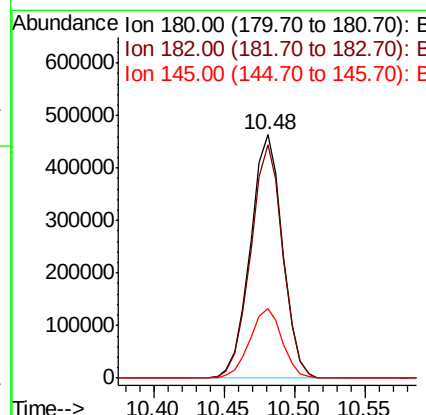
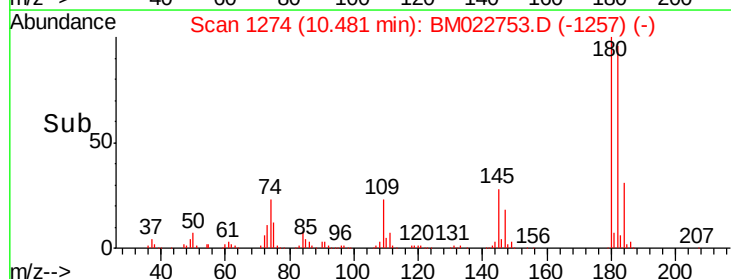
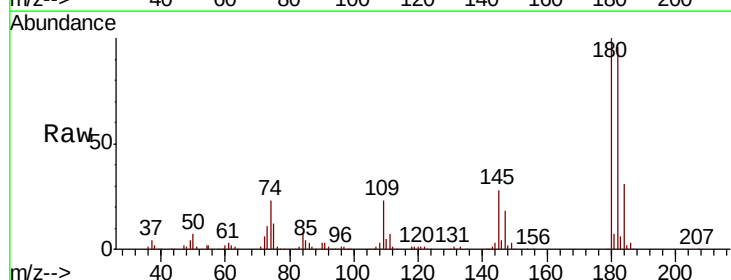
RT: 10.48 min Scan# 1274

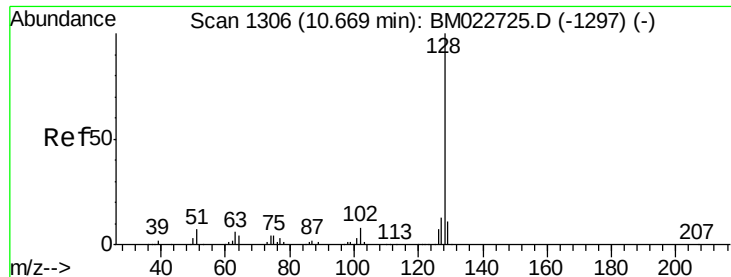
Delta R.T. 0.00 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Tgt Ion:	180	Resp:	740788
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.2	114.2
145	28.4	23.0	34.4





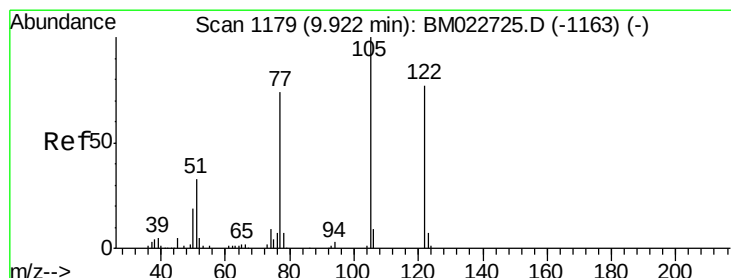
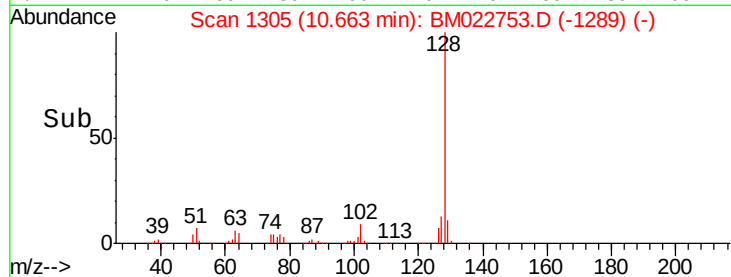
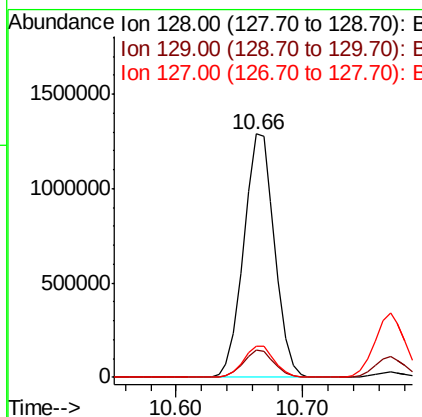
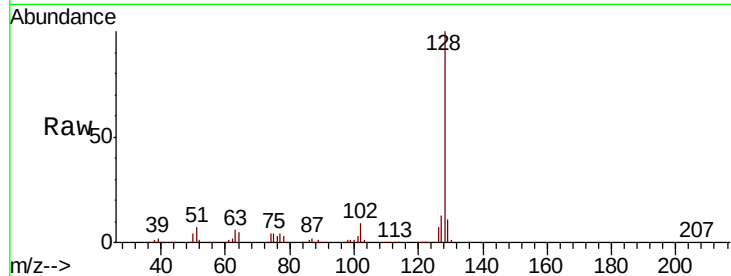
#31
Naphthalene
Concen: 42.437 ng
RT: 10.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	12.9	10.2	15.4

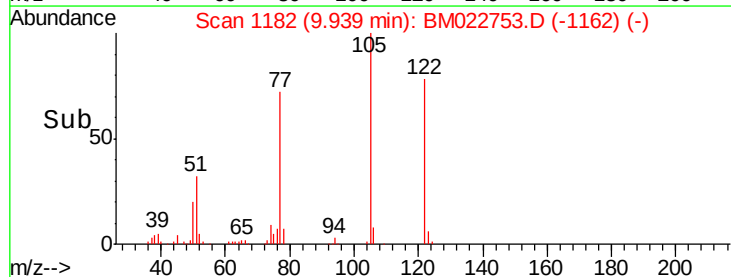
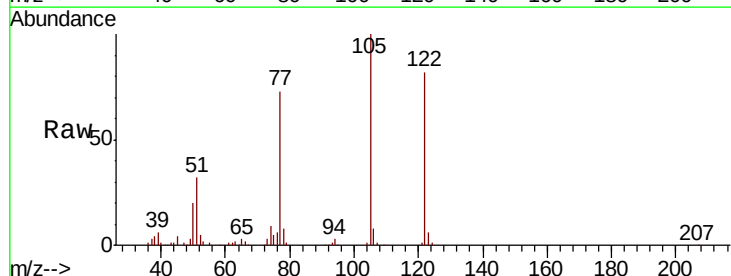
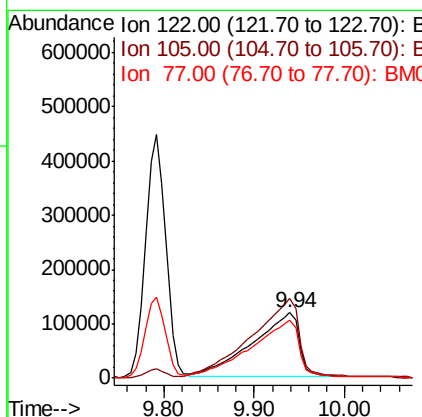
Manual Integrations
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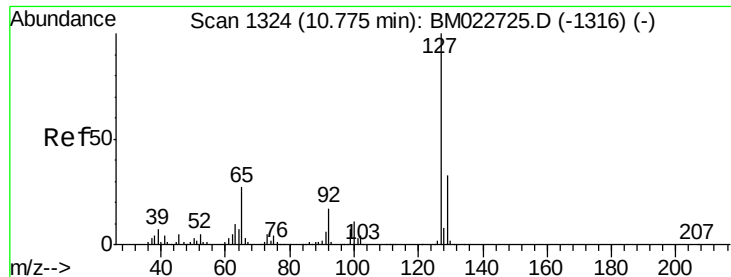
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#32
Benzoic acid
Concen: 46.352 ng
RT: 9.94 min Scan# 1182
Delta R.T. 0.02 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.9	105.3	145.3
77	89.6	74.7	114.7





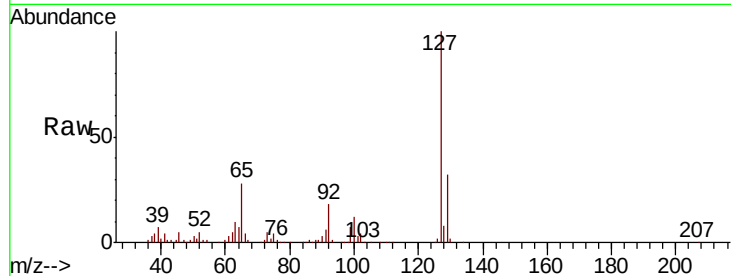
#33
4-Chloroaniline
Concen: 25.644 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		571166		
129	32.1	26.1	39.1		
65	27.9	22.0	33.0		
92	17.6	13.8	20.8		

Manual Integrations
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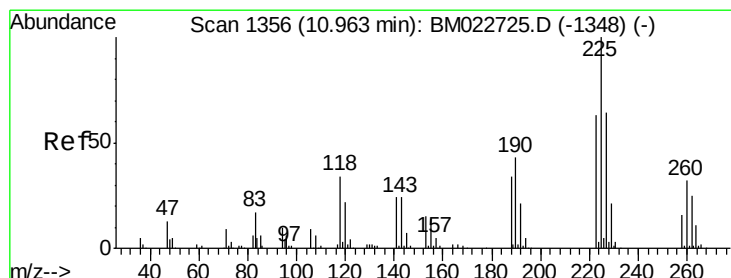
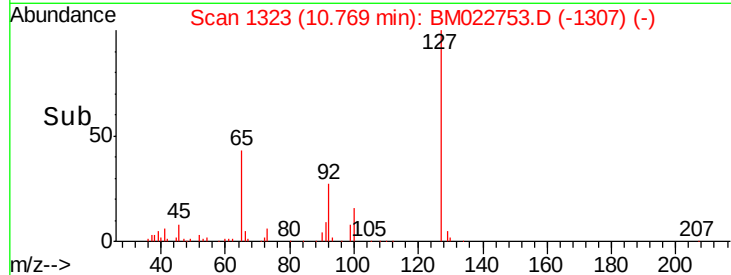
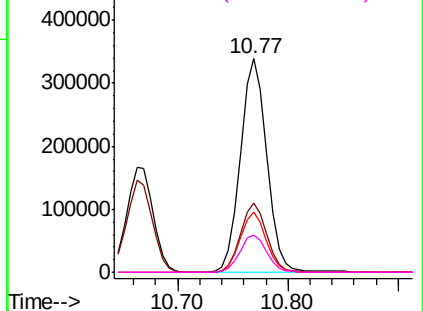
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

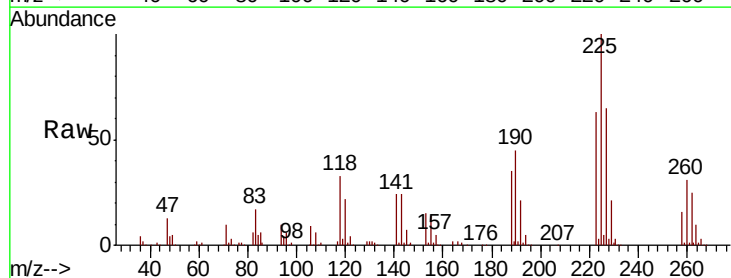
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 39.781 ng
RT: 10.96 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		426602		
223	63.2	50.2	75.4		
227	64.8	51.0	76.4		

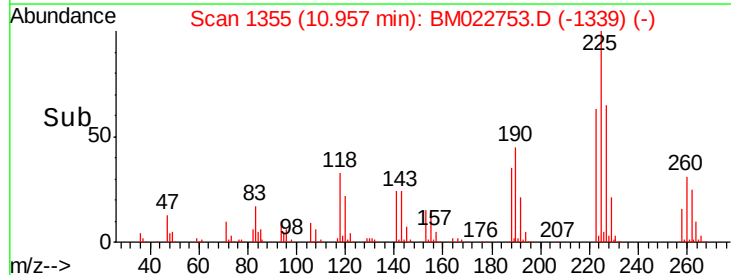
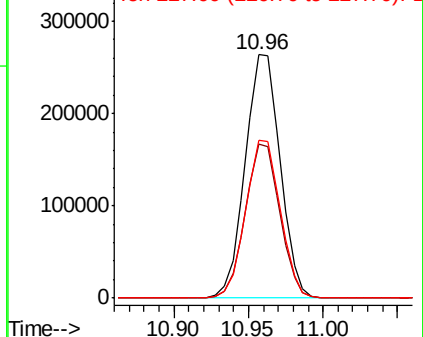


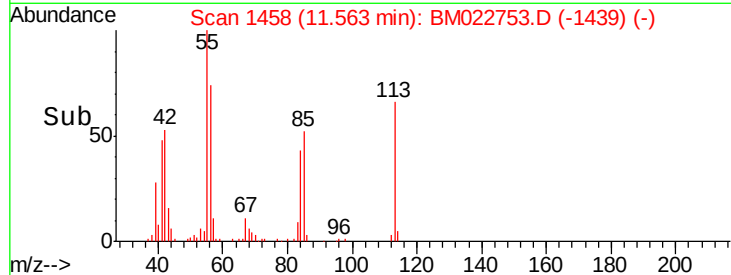
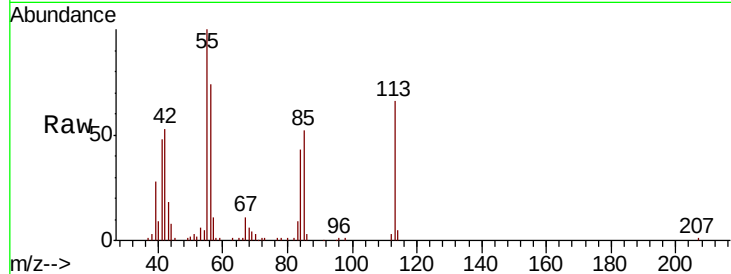
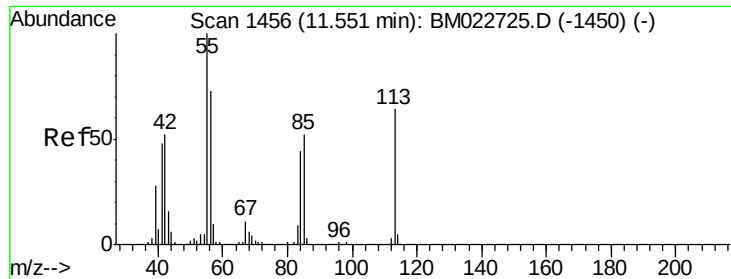
Abundance

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





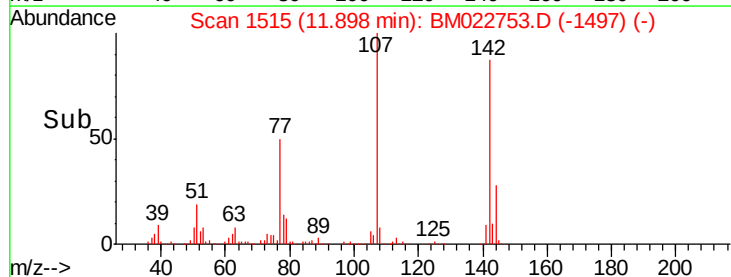
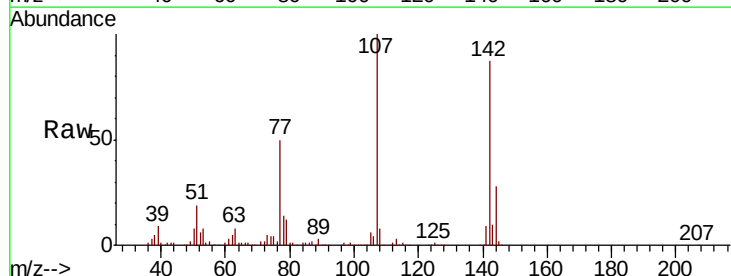
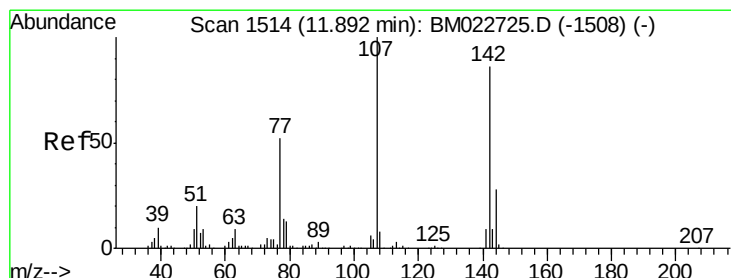
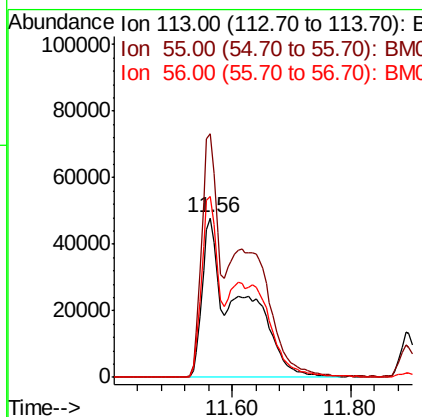
#35
Caprolactam
Concen: 48.859 ng/mL
RT: 11.56 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampleID :
PB123298BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.6	136.8	176.8
56	113.5	95.2	135.2

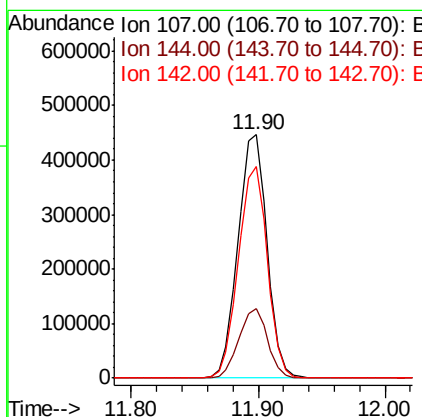
Manual Integrations
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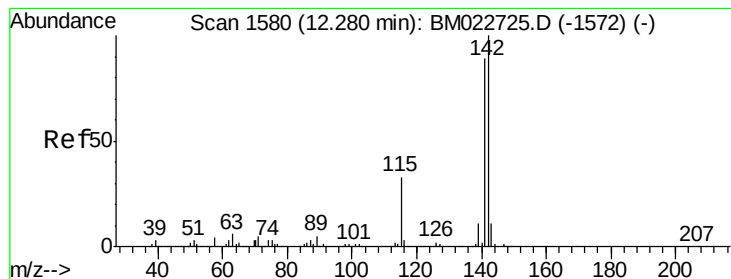
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#36
4-Chloro-3-methylphenol
Concen: 49.694 ng/mL
RT: 11.90 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.4	33.6
142	86.9	68.2	102.4





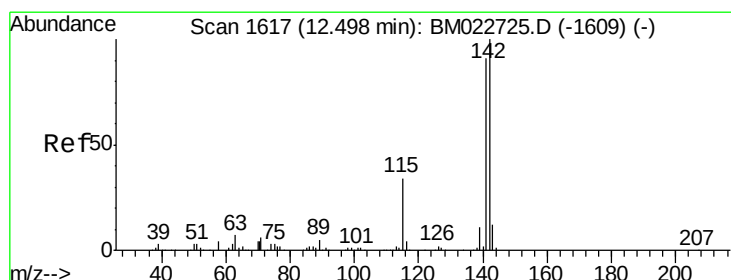
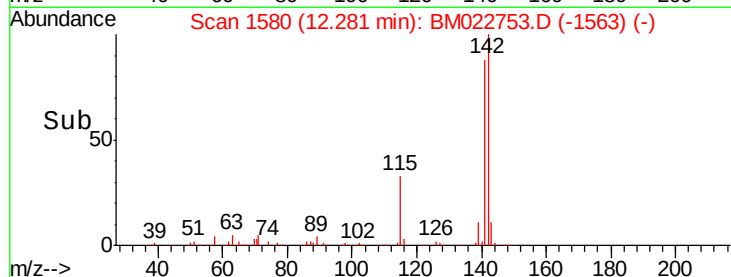
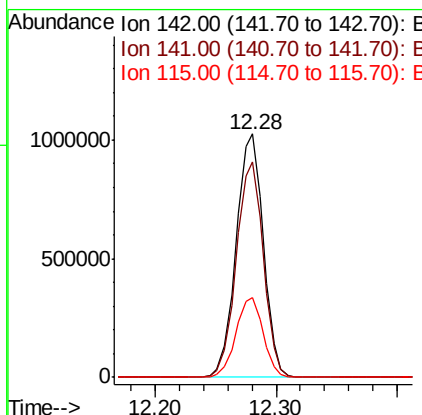
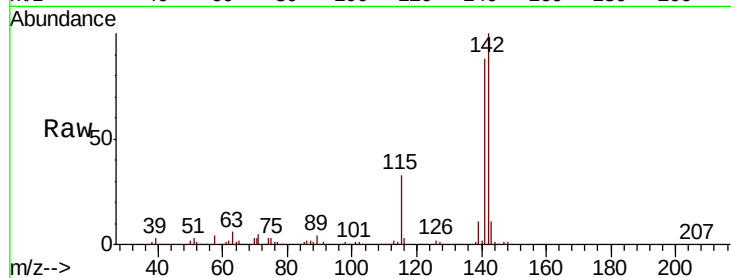
#37
2-Methylnaphthalene
Concen: 45.134 ng
RT: 12.28 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.5	107.3
115	32.6	26.1	39.1

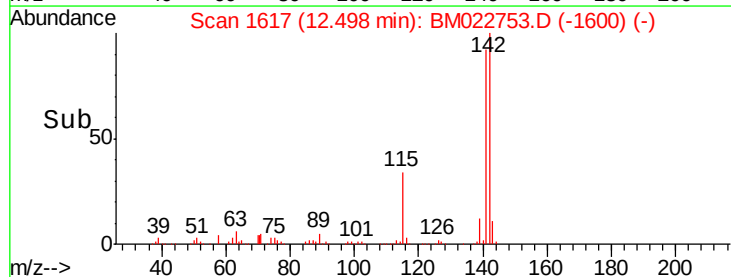
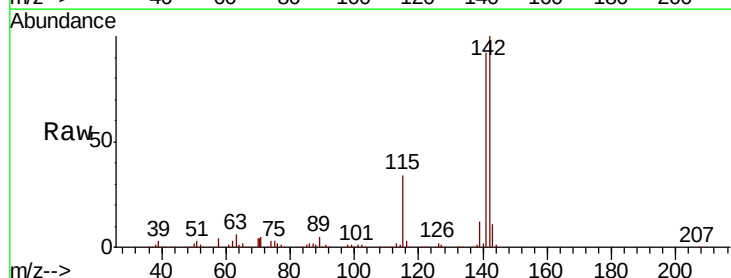
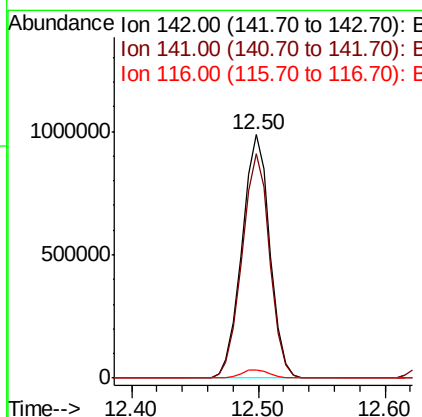
Manual Integrations
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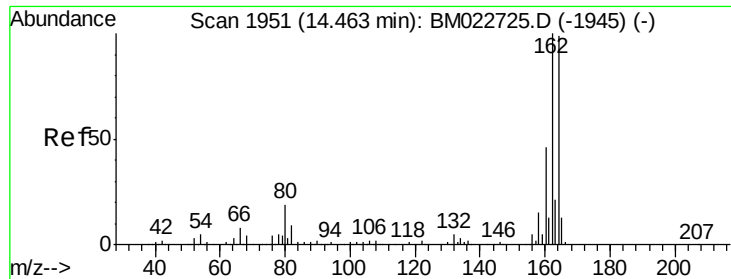
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#38
1-Methylnaphthalene
Concen: 44.215 ng
RT: 12.50 min Scan# 1617
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.0	109.4
116	3.5	2.9	4.3





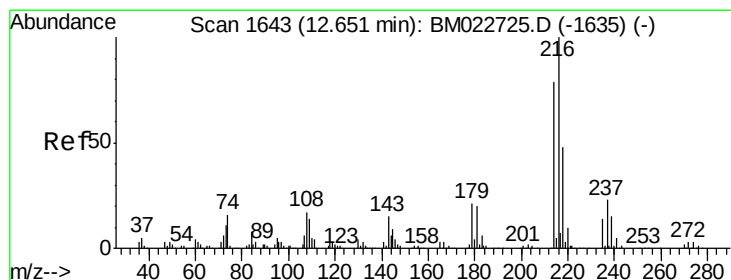
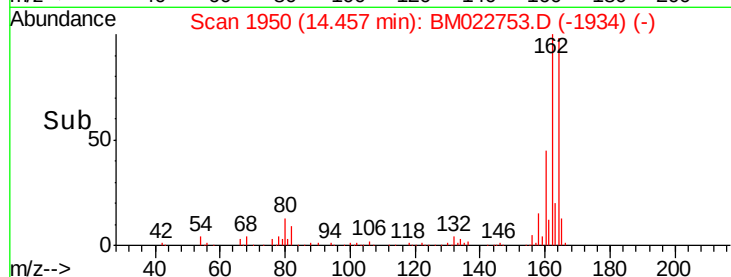
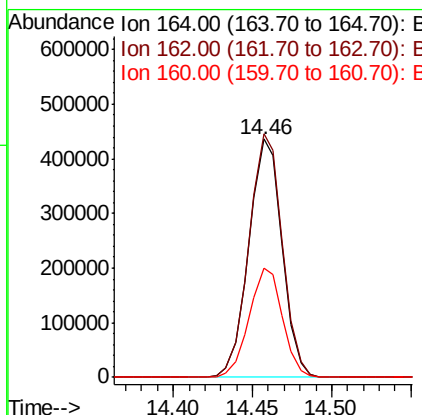
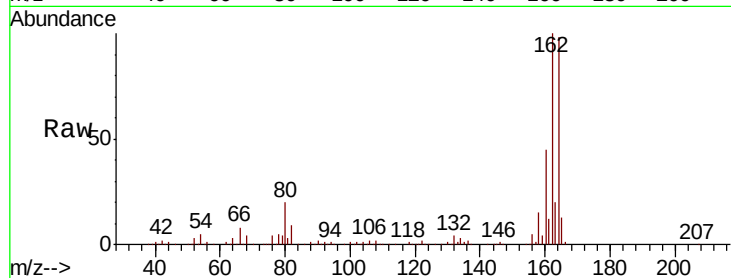
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	636911		
162	102.3	81.1	121.7	
160	45.7	36.9	55.3	

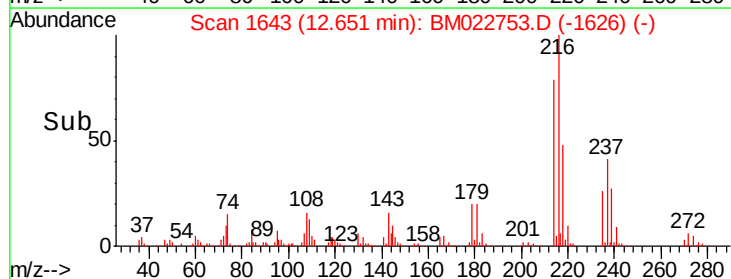
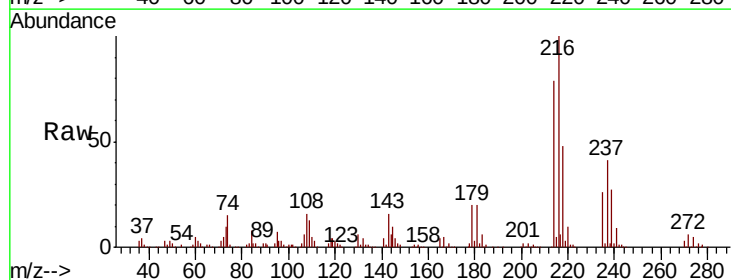
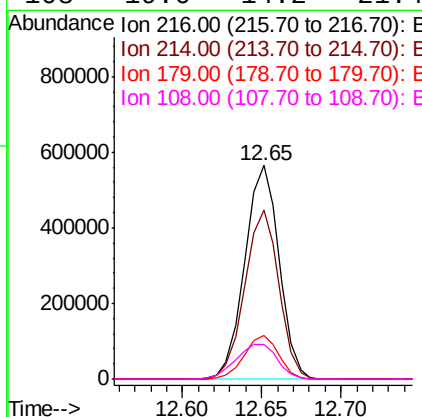
Manual Integrations
APPROVED

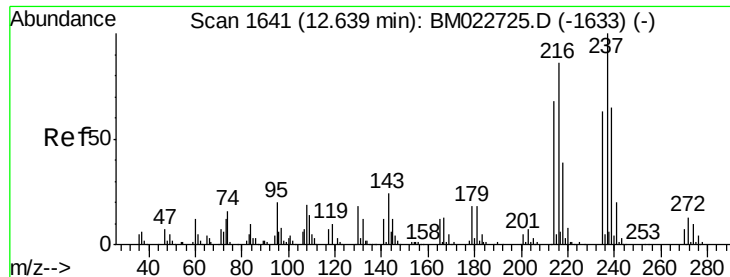
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.400 ng
RT: 12.65 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	850308		
214	78.4	62.9	94.3	
179	20.4	16.6	24.8	
108	19.6	14.2	21.4	





#41

Hexachlorocyclopentadiene

Concen: 95.120 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Instrument :

BNA_M

ClientSampleId :

PB123298BSD

Tot Ion:237 Resp: 1120034

Ion Ratio Lower Upper

237 100

235 62.9 43.3 83.3

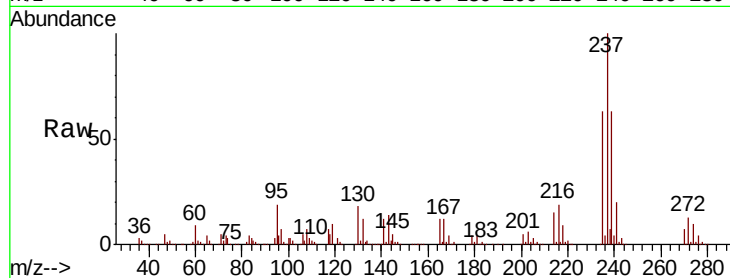
272 12.7 0.0 32.6

Manual Integrations

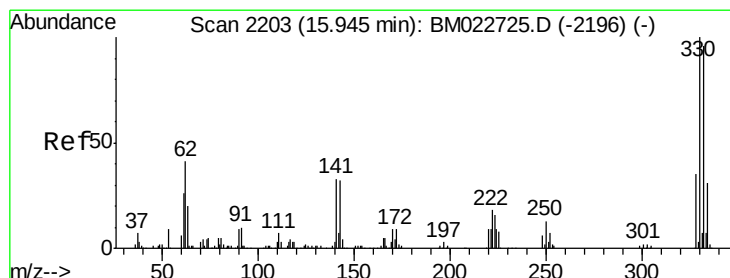
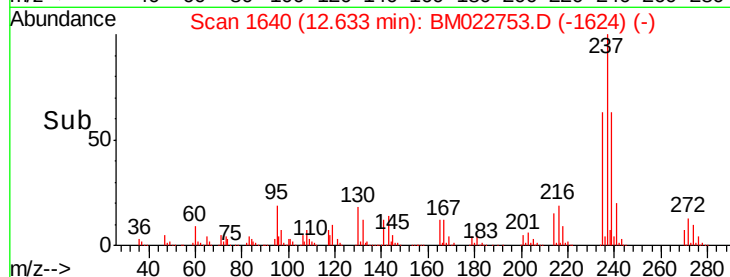
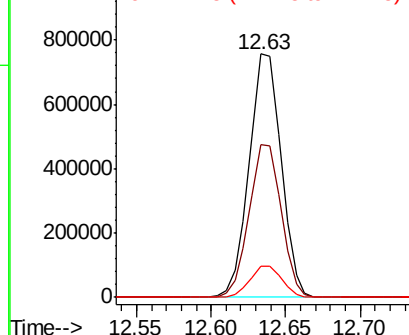
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 114.320 ng

RT: 15.94 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

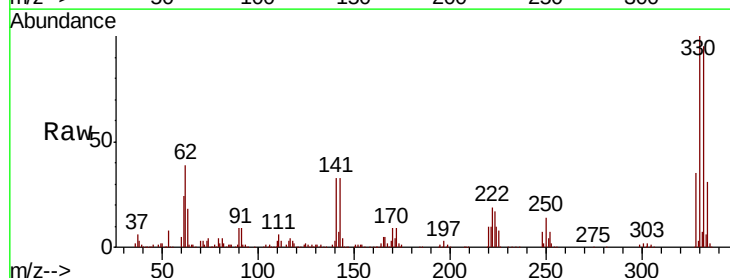
Tgt Ion:330 Resp: 908935

Ion Ratio Lower Upper

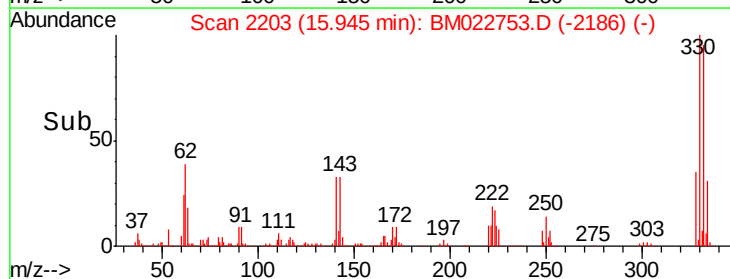
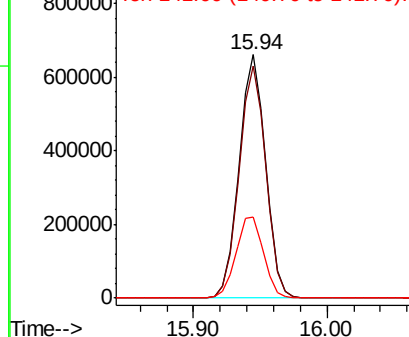
330 100

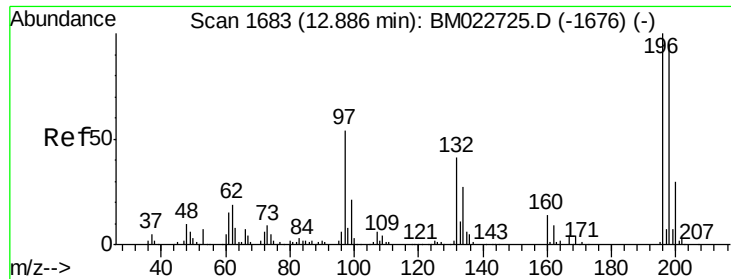
332 96.2 76.9 115.3

141 35.1 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





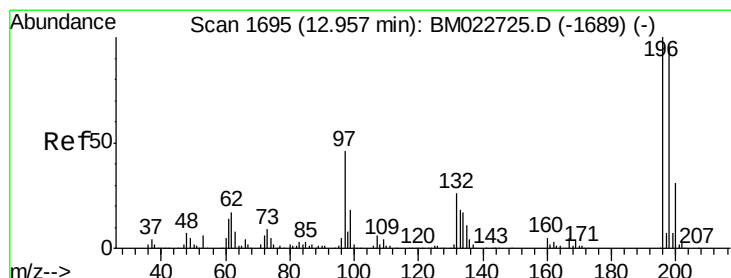
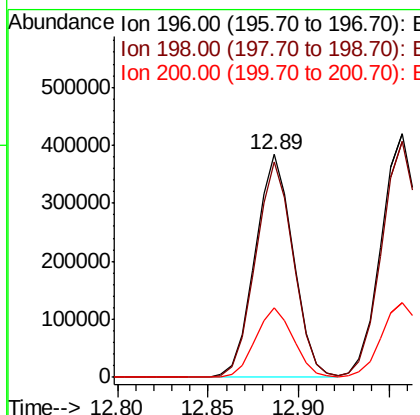
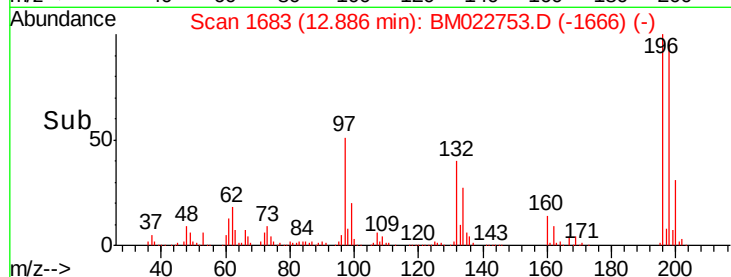
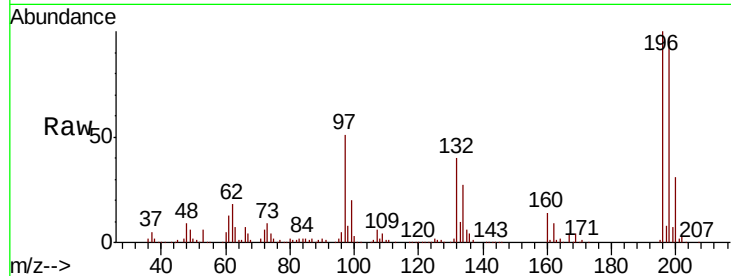
#43
 2,4,6-Trichlorophenol
 Concen: 44.935 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	559701		
198	96.9	76.3	114.5	
200	31.1	24.4	36.6	

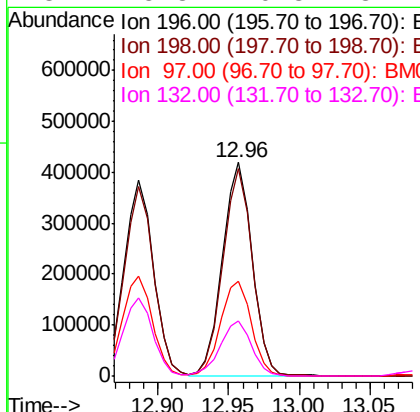
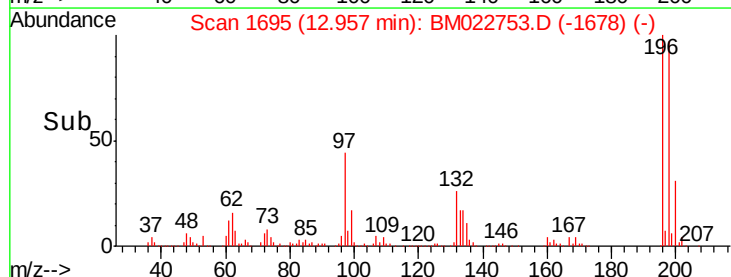
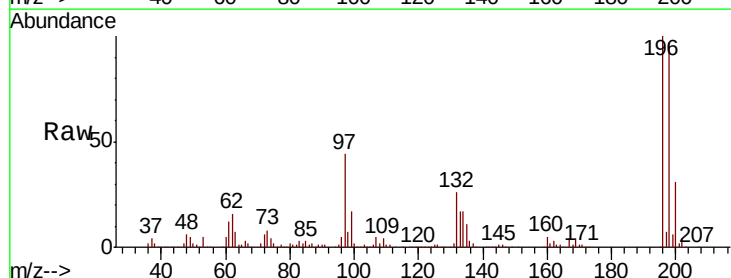
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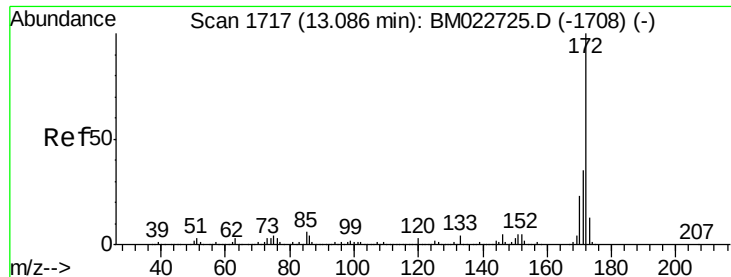
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#44
 2,4,5-Trichlorophenol
 Concen: 47.123 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	611661		
198	96.8	77.0	115.4	
97	44.2	37.2	55.8	
132	25.8	20.8	31.2	





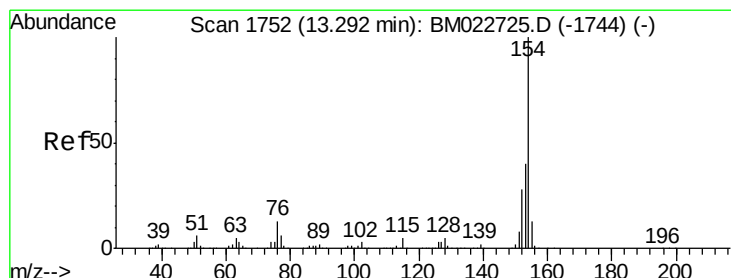
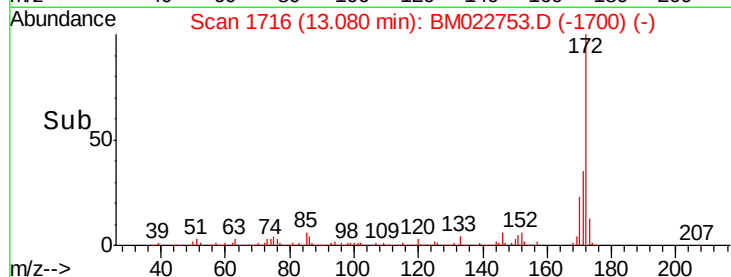
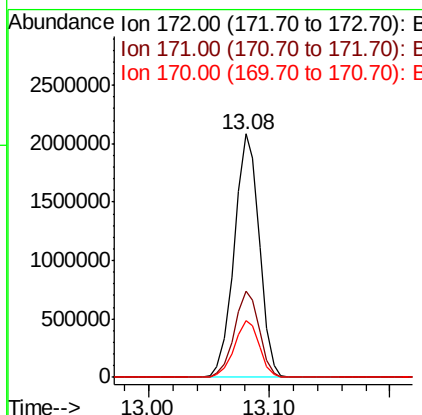
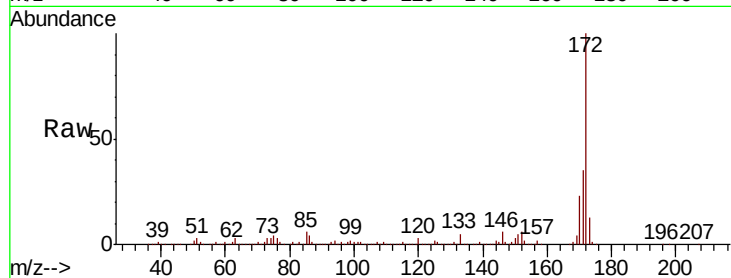
#45
2-Fluorobiphenyl
Concen: 64.977 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion:172 Resp: 3005343
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.4 18.7 28.1

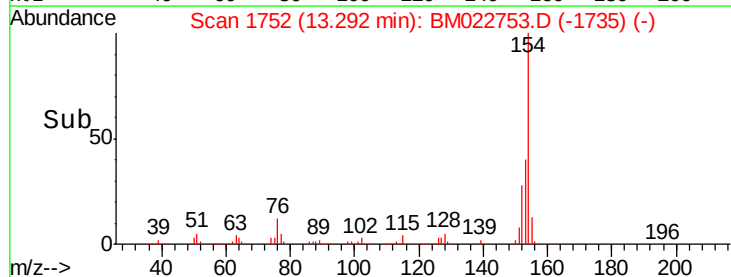
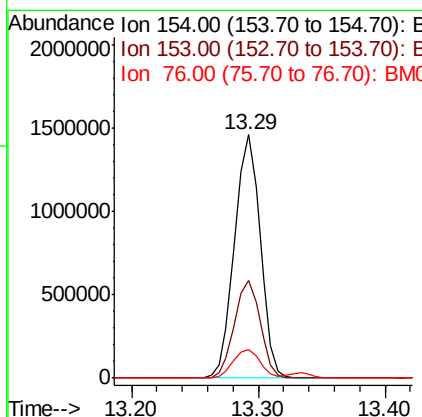
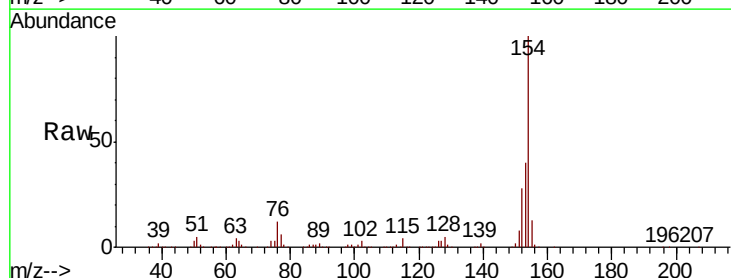
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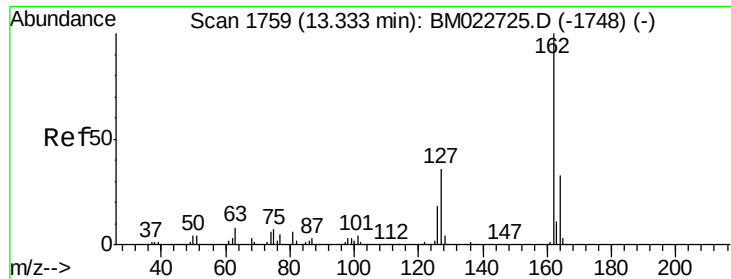
mohammad
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#46
1,1'-Biphenyl
Concen: 38.938 ng
RT: 13.29 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion:154 Resp: 2052546
Ion Ratio Lower Upper
154 100
153 40.2 20.1 60.1
76 12.0 0.0 32.6





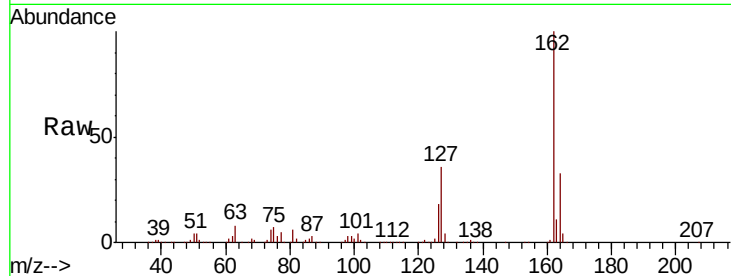
#47
 2-Chloronaphthalene
 Concen: 40.248 ng
 RT: 13.33 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Instrument :
 BNA_M
 ClientSampleID :
 PB123298BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	29.0	43.6
164	33.0	26.0	39.0

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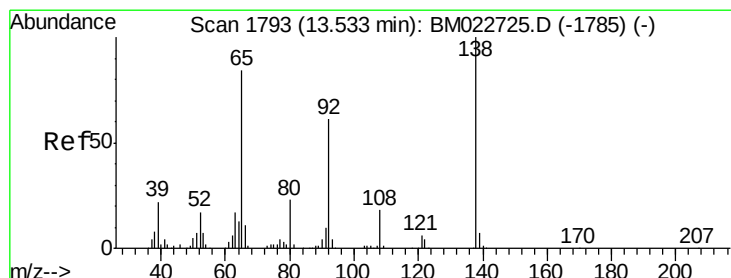
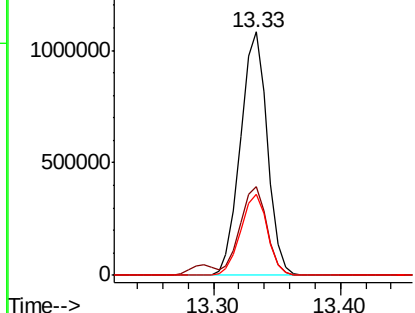
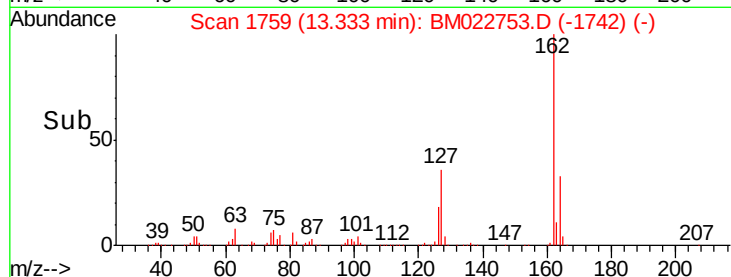


Abundance

Ion 162.00 (161.70 to 162.70): E

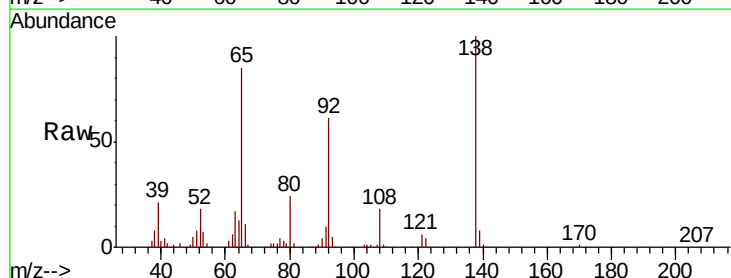
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 41.653 ng
 RT: 13.53 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	58.6	87.8
138	117.8	95.4	143.0

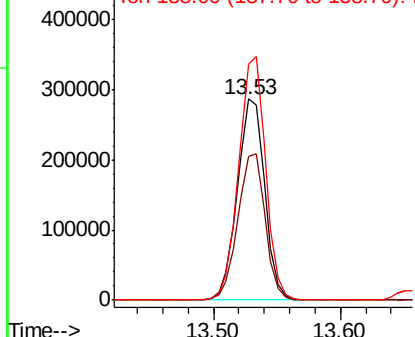
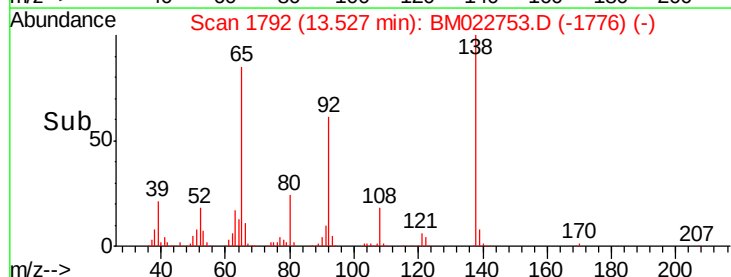


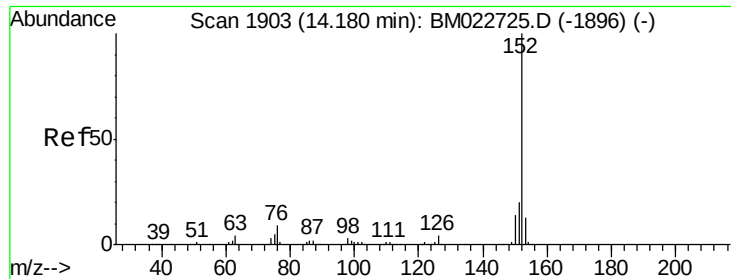
Abundance

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: 43.699 ng

RT: 14.18 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Instrument :

BNA_M

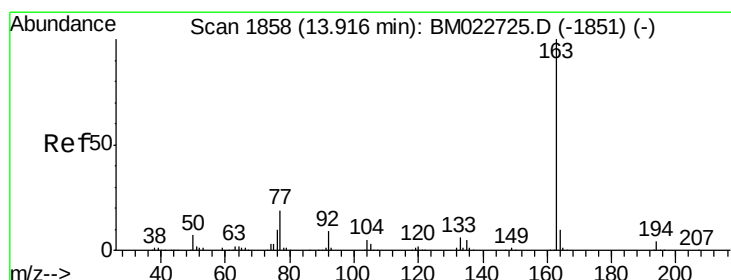
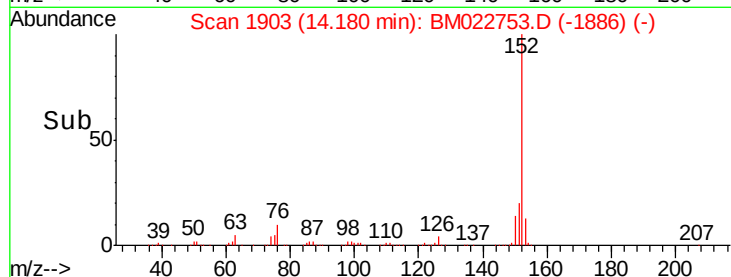
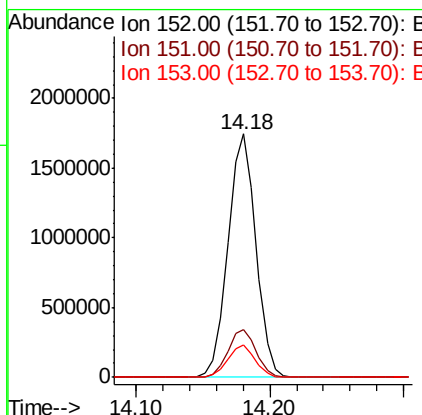
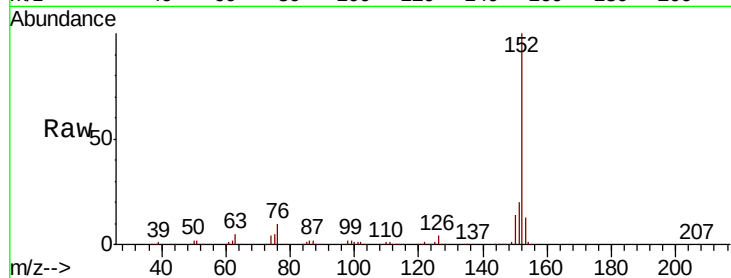
ClientSampleId :

PB123298BSD

Tot Ion:	152	Resp:	2542451
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.3	10.5	15.7

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#50

Dimethylphthalate

Concen: 42.609 ng

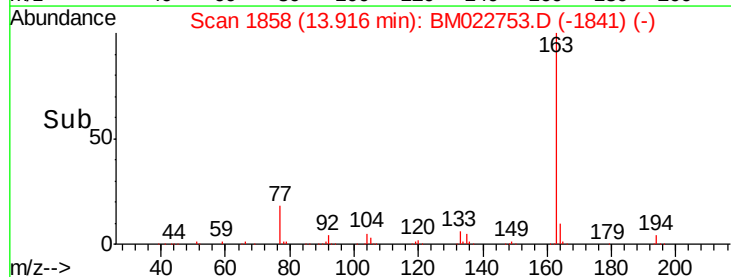
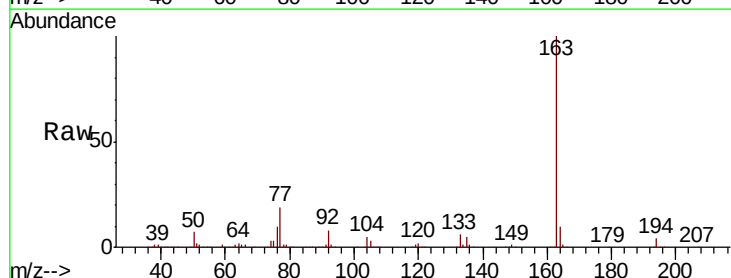
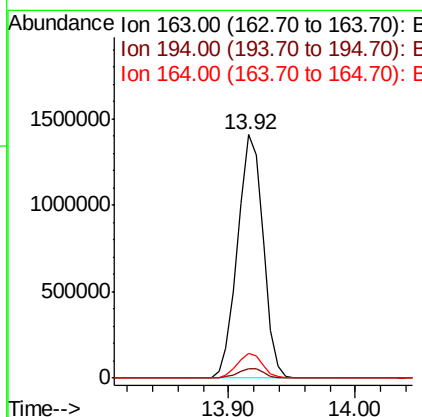
RT: 13.92 min Scan# 1858

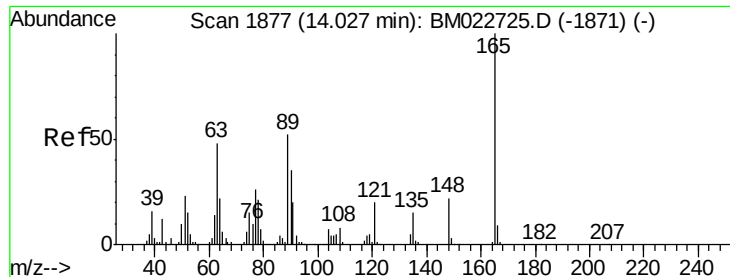
Delta R.T. 0.00 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Tgt Ion:	163	Resp:	1961206
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.2	12.2





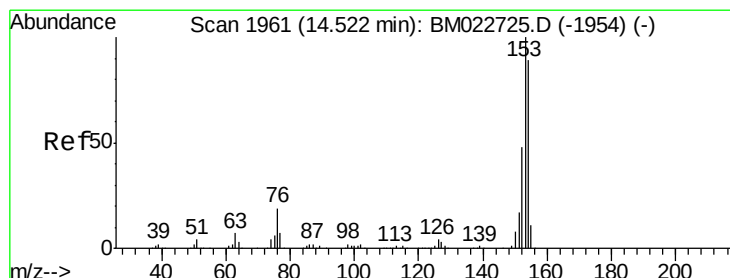
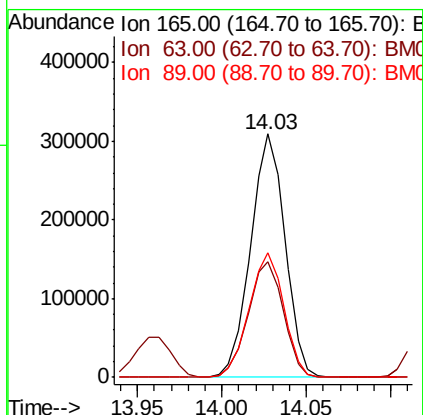
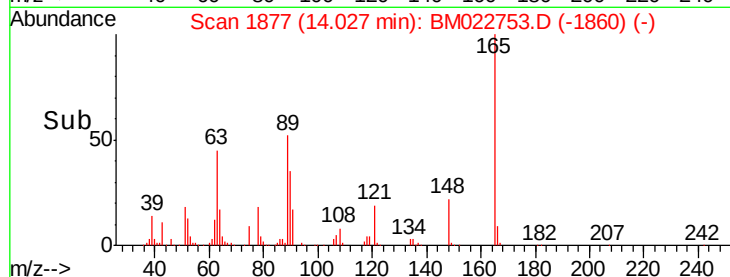
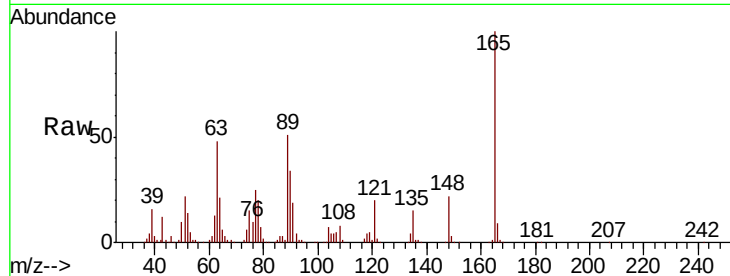
#51
 2,6-Dinitrotoluene
 Concen: 45.501 ng
 RT: 14.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.7	38.6	58.0
89	51.3	41.6	62.4

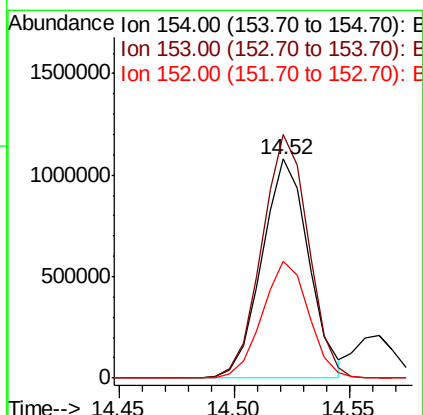
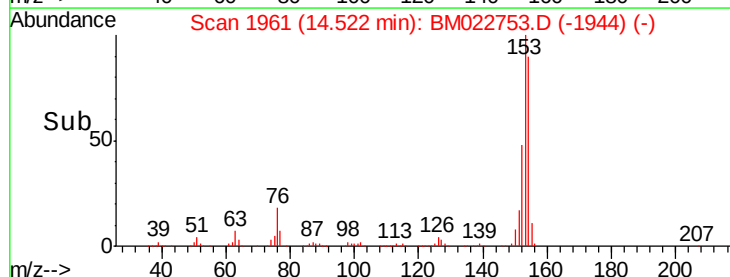
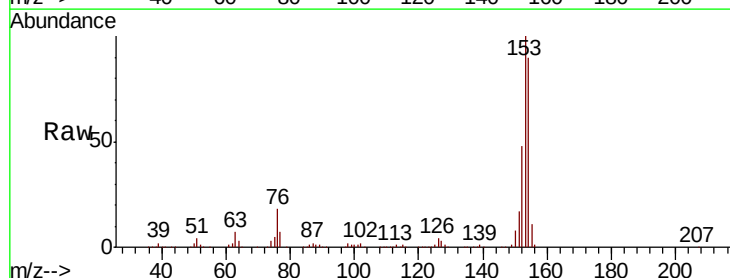
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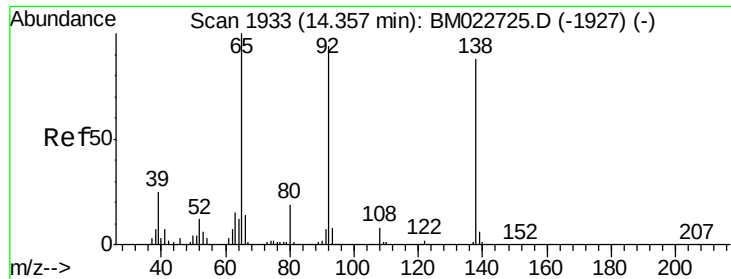
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#52
 Acenaphthene
 Concen: 39.906 ng
 RT: 14.52 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	90.0	135.0
152	53.5	42.9	64.3





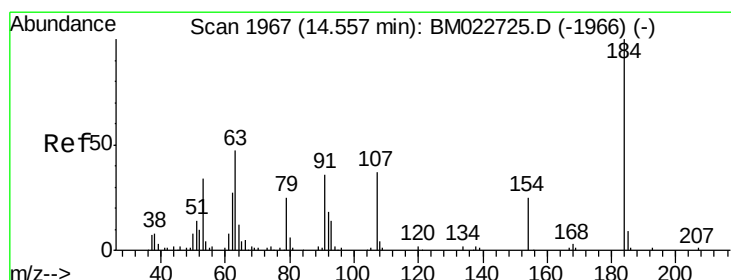
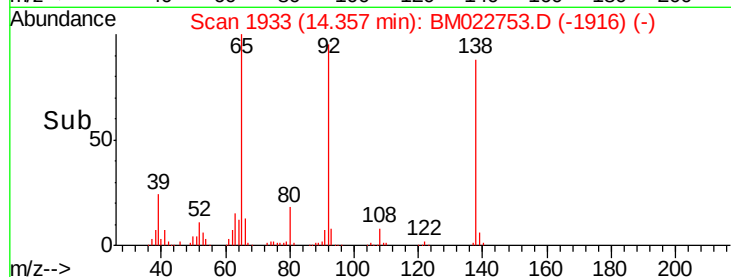
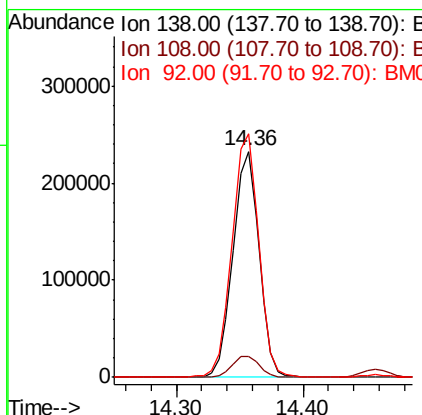
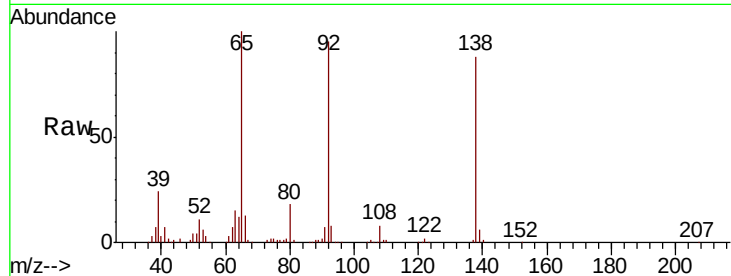
#53
3-Nitroaniline
Concen: 29.918 ng
RT: 14.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.3	10.9
92	107.6	86.3	129.5

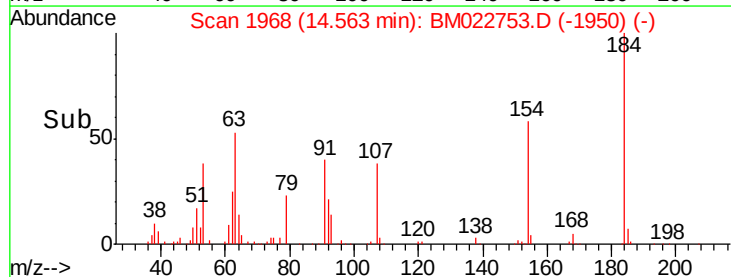
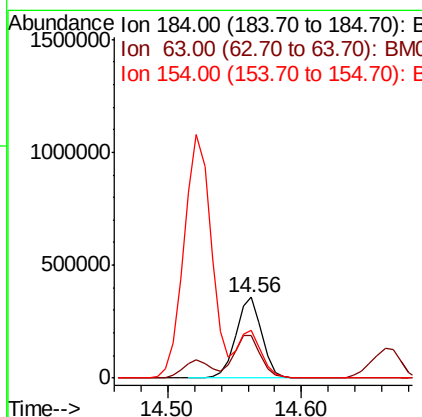
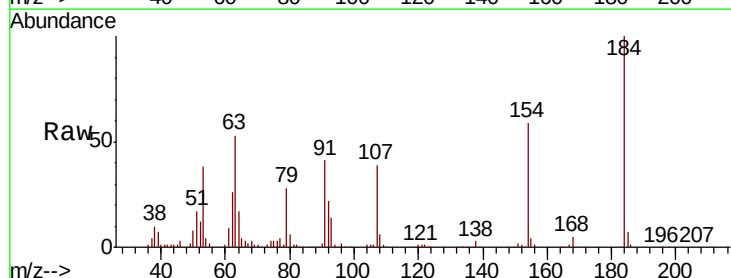
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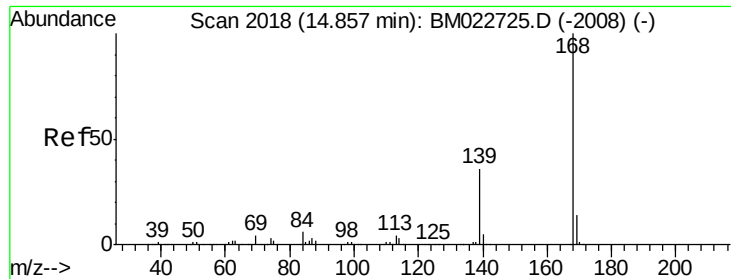
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#54
2,4-Dinitrophenol
Concen: 91.332 ng
RT: 14.56 min Scan# 1968
Delta R.T. 0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.1	48.5	72.7
154	58.7	48.1	72.1





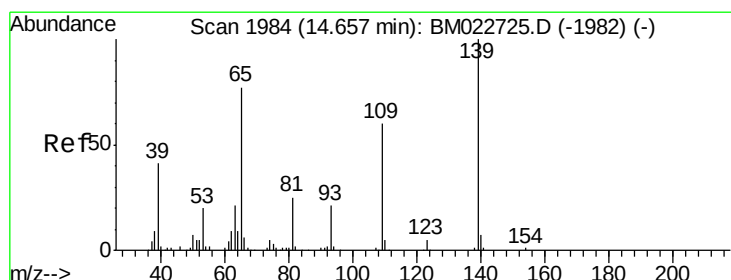
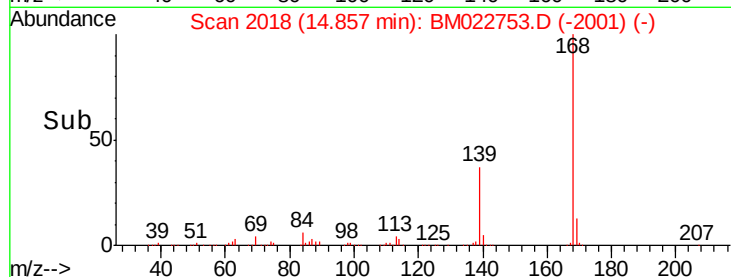
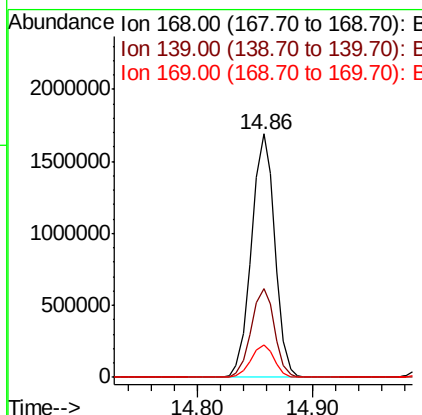
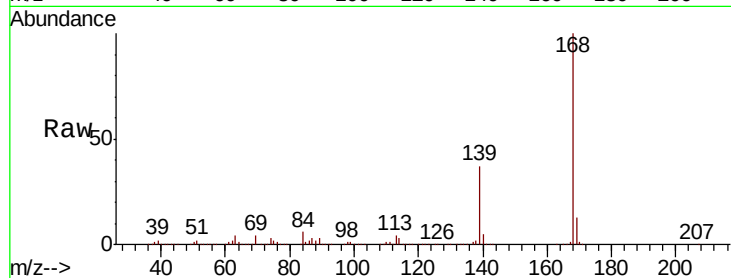
#55
Dibenzenofuran
Concen: 42.837 ng
RT: 14.86 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	28.8	43.2
169	13.4	10.9	16.3

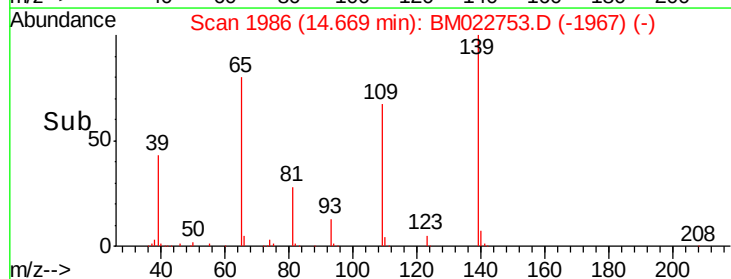
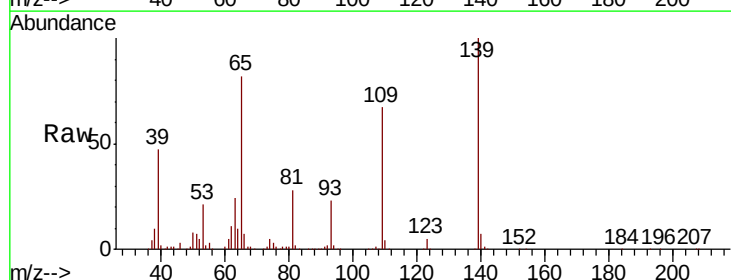
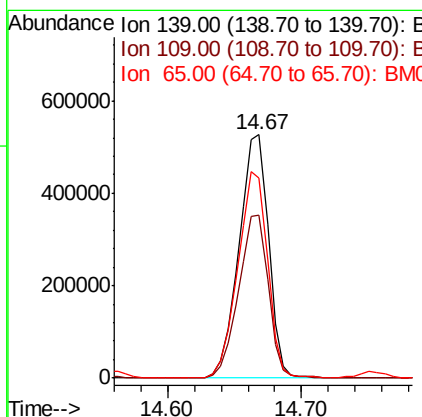
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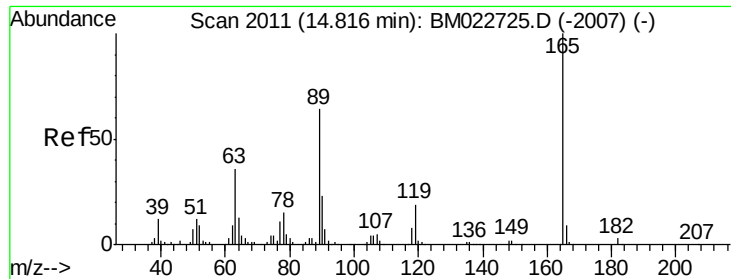
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#56
4-Nitrophenol
Concen: 95.127 ng
RT: 14.67 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.9	44.8	84.8
65	82.4	66.6	106.6





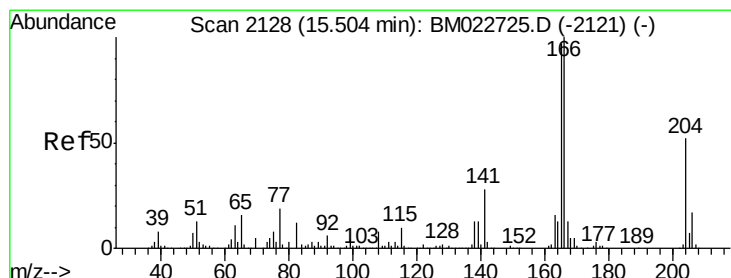
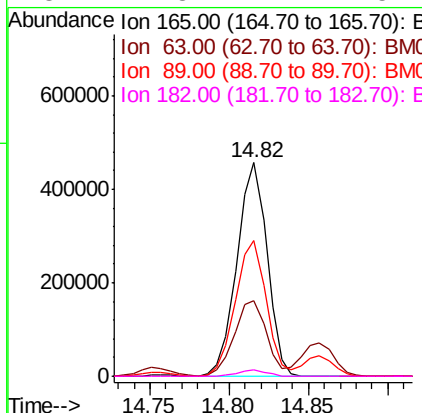
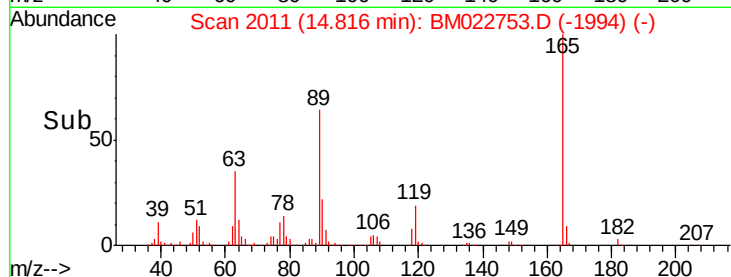
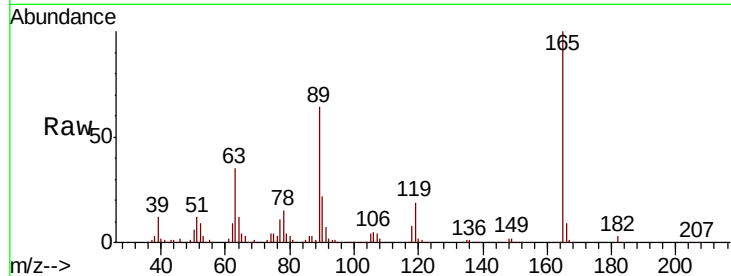
#57
2,4-Dinitrotoluene
Concen: 47.984 ng
RT: 14.82 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	605229		
63	35.3		30.1	45.1
89	63.6		52.5	78.7
182	2.8		2.2	3.4

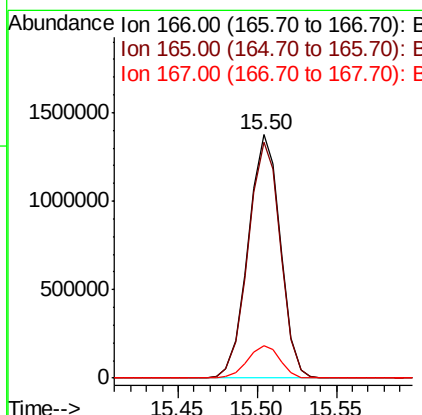
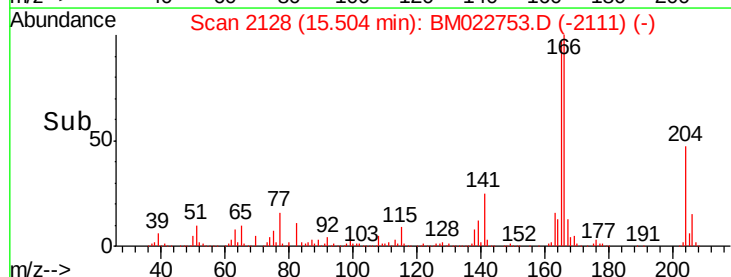
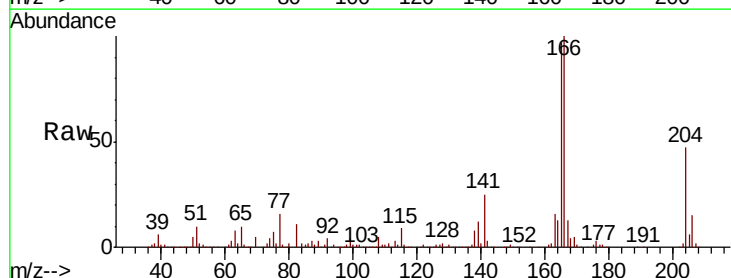
Manual Integrations
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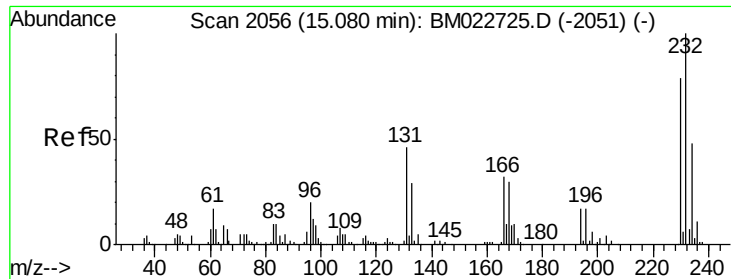
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#58
Fluorene
Concen: 42.855 ng
RT: 15.50 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1935206		
165	96.7		77.6	116.4
167	13.5		10.8	16.2





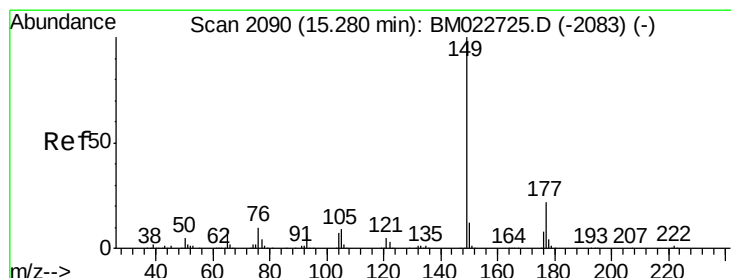
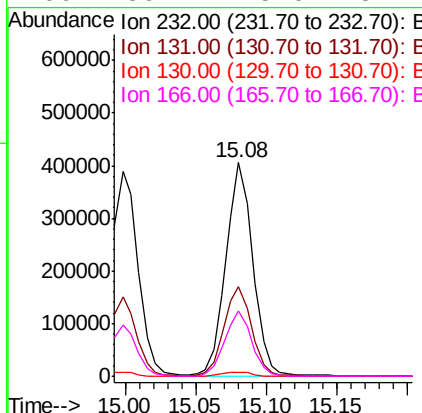
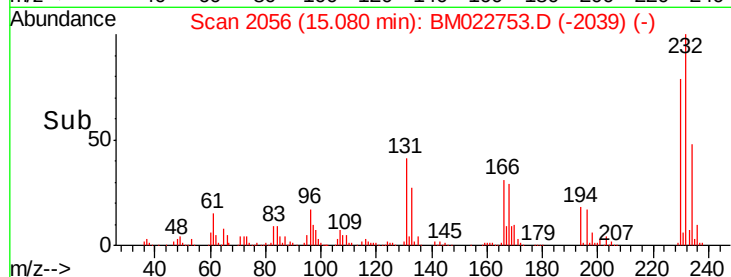
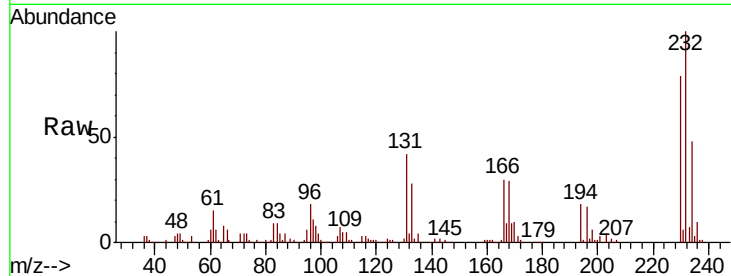
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.417 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	536768		
131	42.7		36.3	54.5
130	2.2		1.8	2.8
166	30.4		25.0	37.4

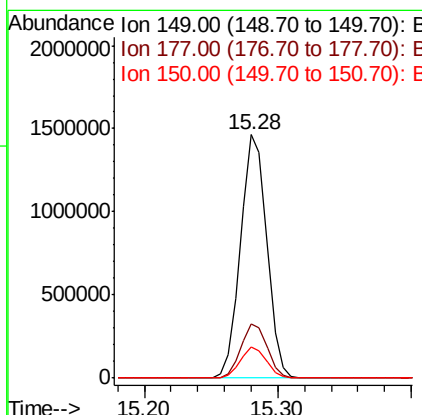
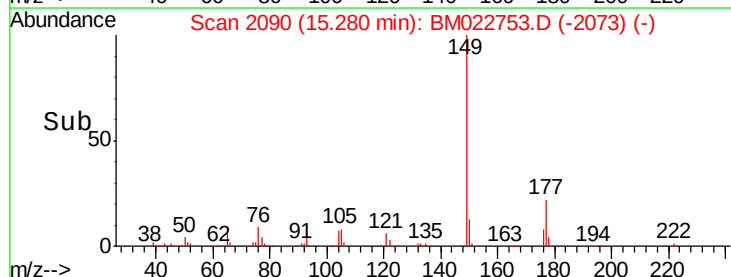
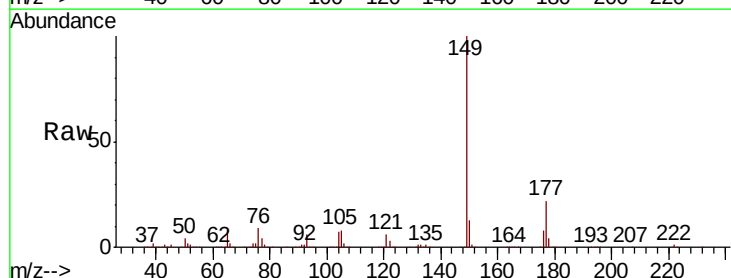
Manual Integrations
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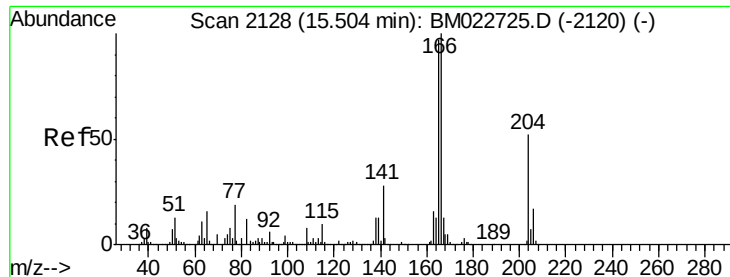
mohammad
 9/26/2019 8:25:23 AM



#60
 Diethylphthalate
 Concen: 44.340 ng
 RT: 15.28 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1984426		
177	22.3		17.6	26.4
150	12.6		9.9	14.9





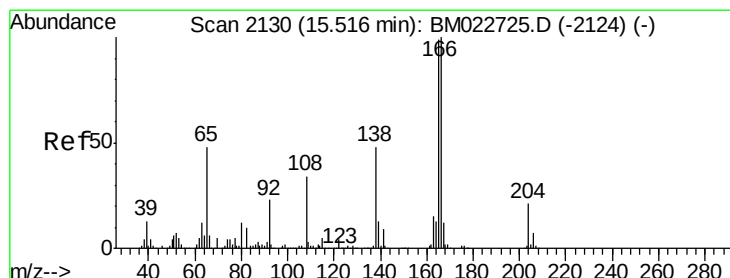
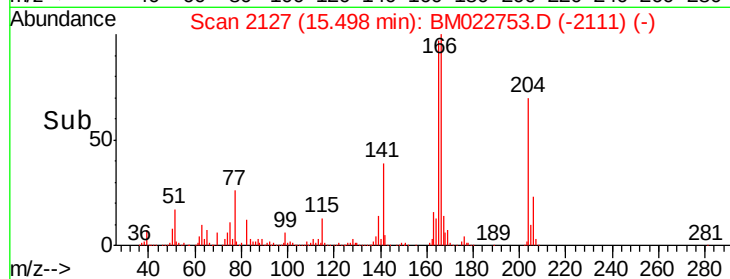
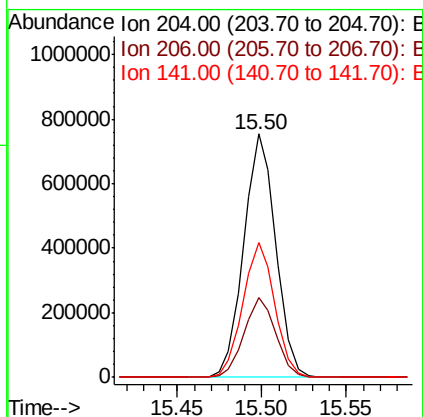
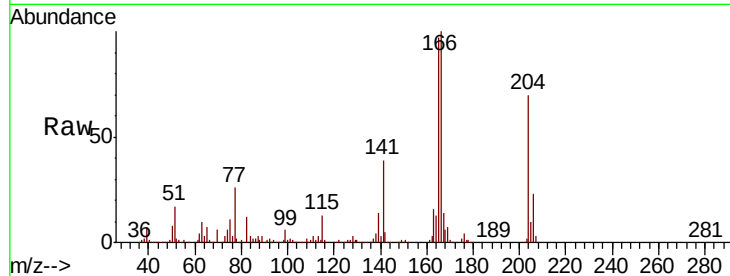
#61
 4-Chlorophenyl-phenylether
 Concen: 42.694 ng
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Tot Ion:	204	Resp:	990588
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.2	39.4
141	55.4	42.6	64.0

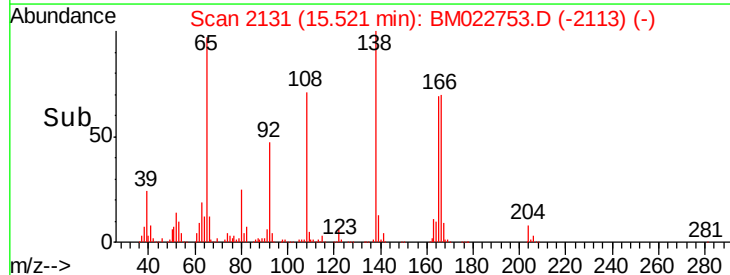
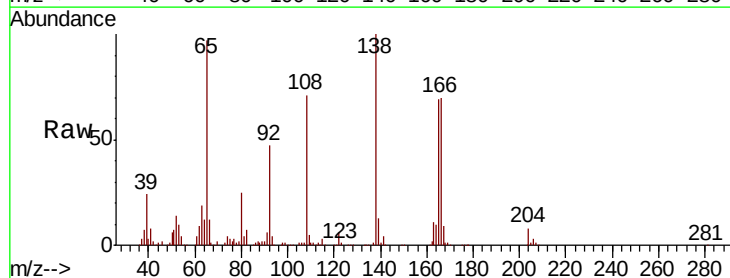
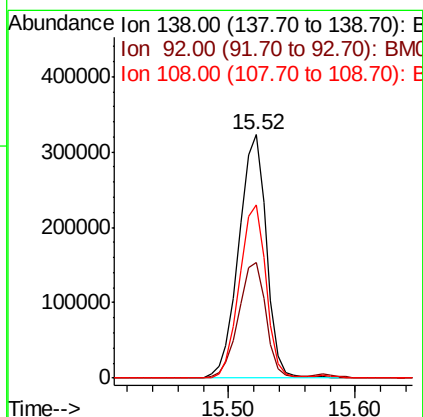
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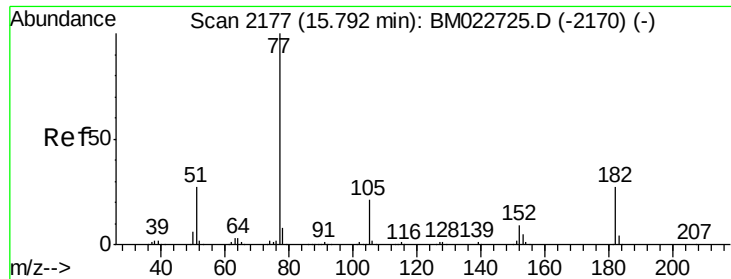
mohammad
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#62
 4-Nitroaniline
 Concen: 41.980 ng
 RT: 15.52 min Scan# 2131
 Delta R.T. 0.01 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Tgt Ion:	138	Resp:	487819
Ion Ratio	Lower	Upper	
138	100		
92	47.4	28.7	68.7
108	71.0	50.3	90.3





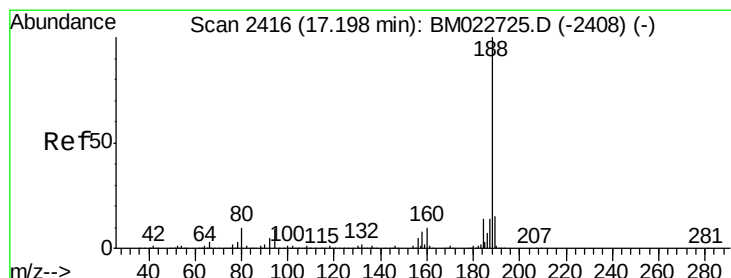
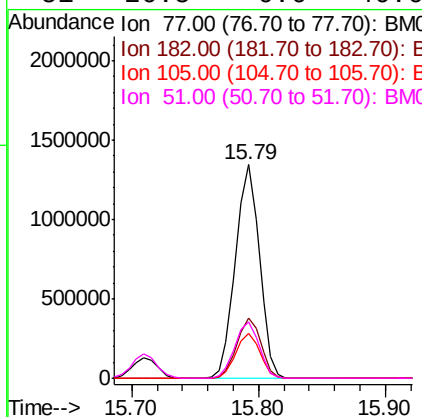
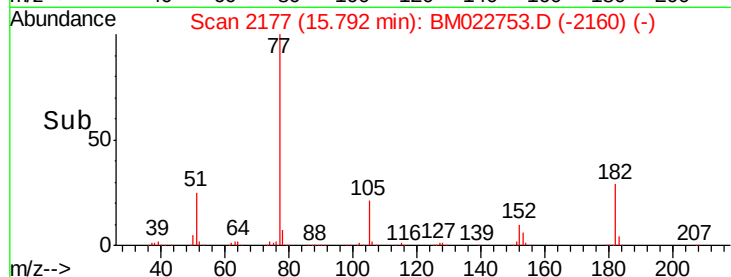
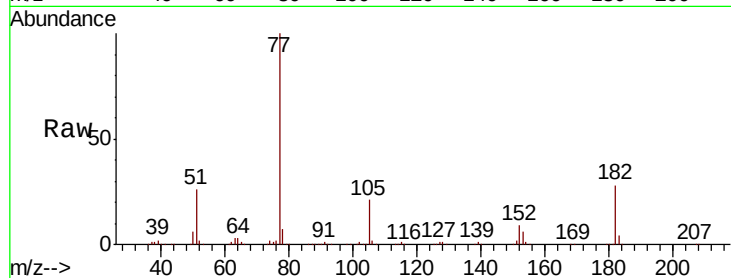
#63
Azobenzene
Concen: 43.525 ng
RT: 15.79 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.3	7.0	47.0
105	21.0	0.9	40.9
51	26.5	6.6	46.6

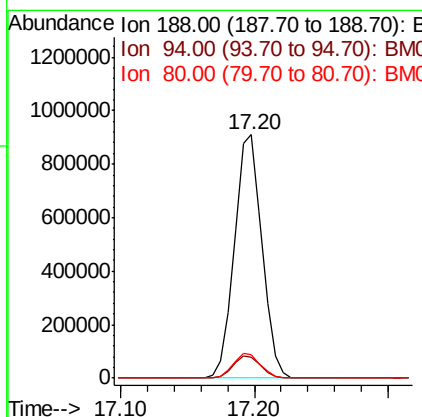
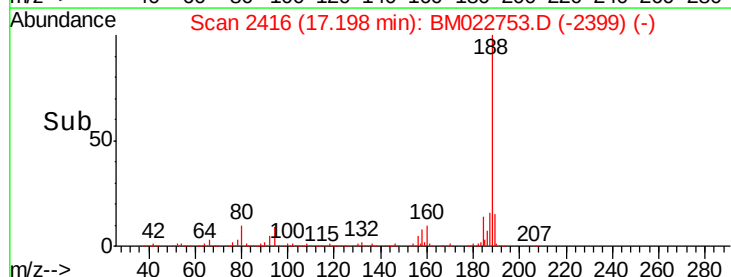
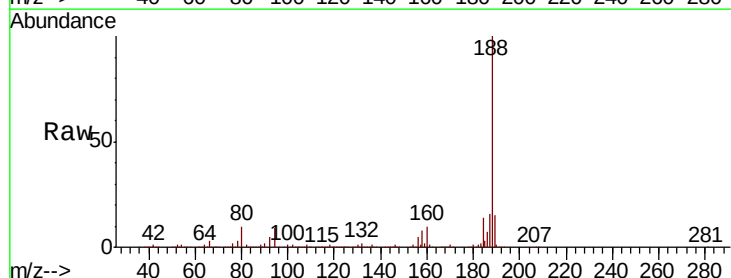
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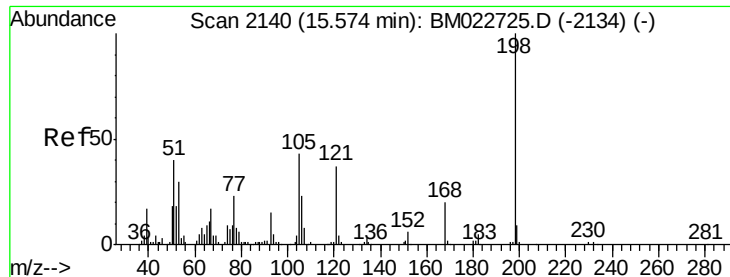
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.3	10.9
80	9.6	7.8	11.8





#65

4,6-Dinitro-2-methylphenol

Concen: 49.385 ng

RT: 15.58 min Scan# 2141

Delta R.T. 0.01 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Instrument :

BNA_M

ClientSampleId :

PB123298BSD

Tot Ion:198 Resp: 324134
Ion Ratio Lower Upper

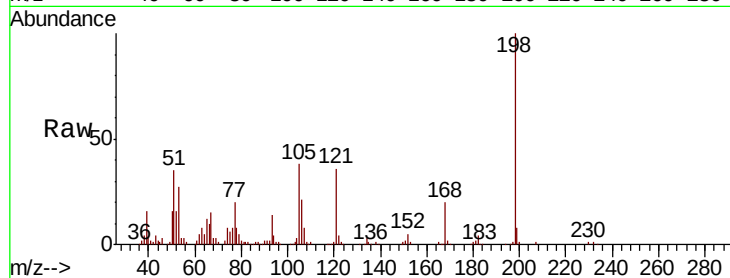
198 100

51 35.4 21.0 61.0

105 38.0 22.5 62.5

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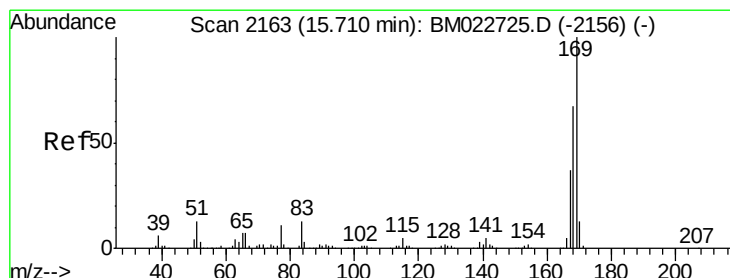
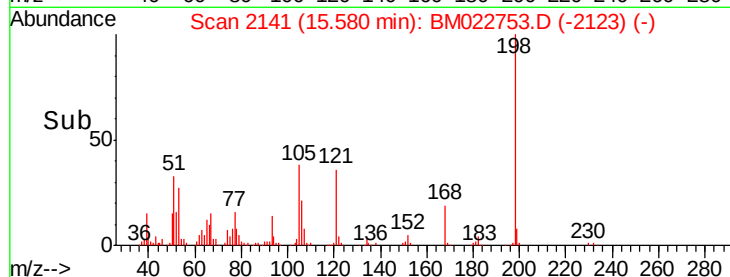
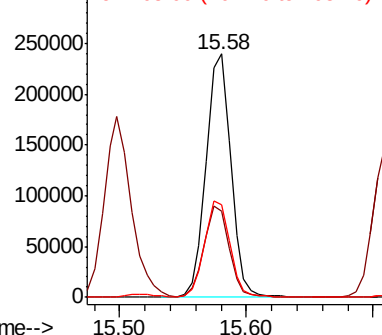
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.437 ng

RT: 15.71 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Tgt Ion:169 Resp: 1724795
Ion Ratio Lower Upper

169 100

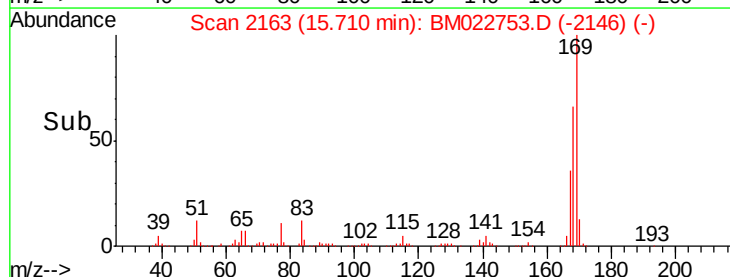
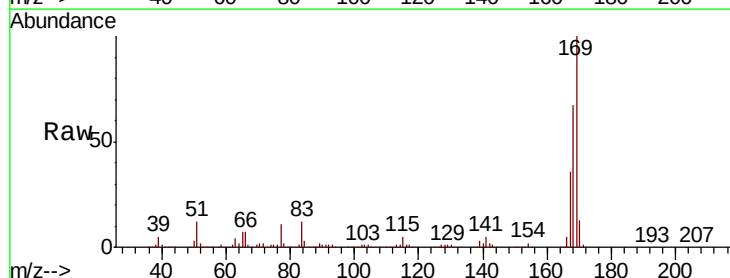
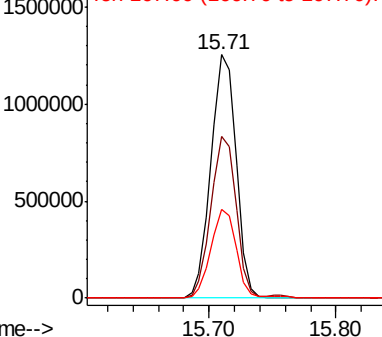
168 66.5 53.4 80.2

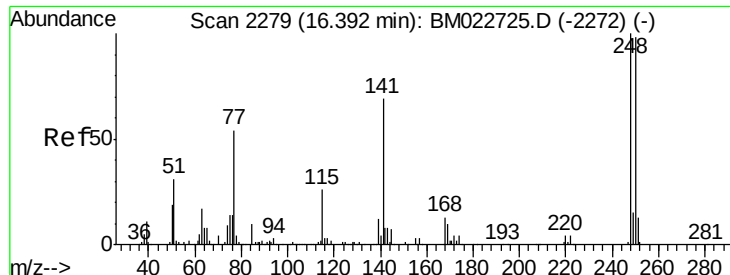
167 36.2 29.3 43.9

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





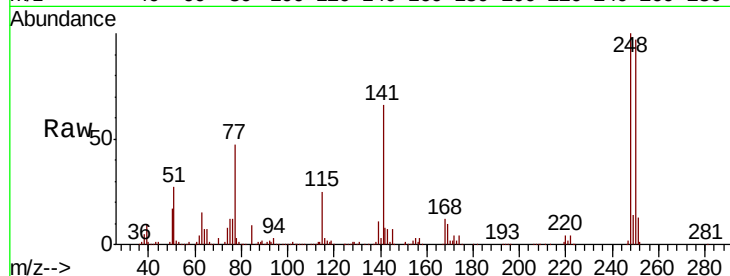
#67
4-Bromophenyl-phenylether
Concen: 42.899 ng
RT: 16.39 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.4	117.6
141	66.3	55.1	82.7

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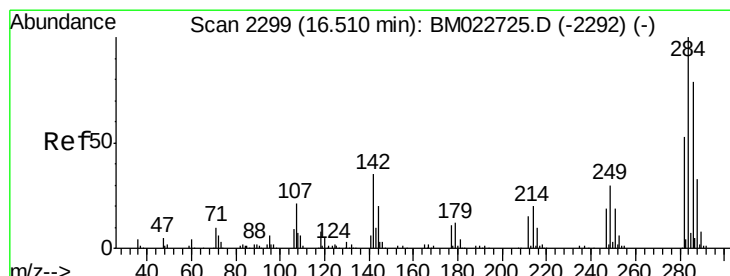
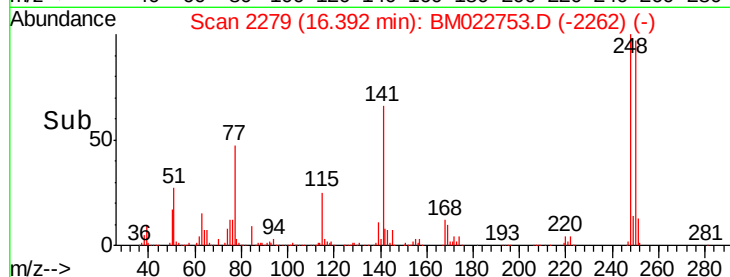
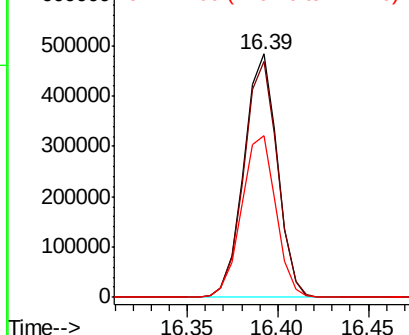


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.700 ng
RT: 16.51 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

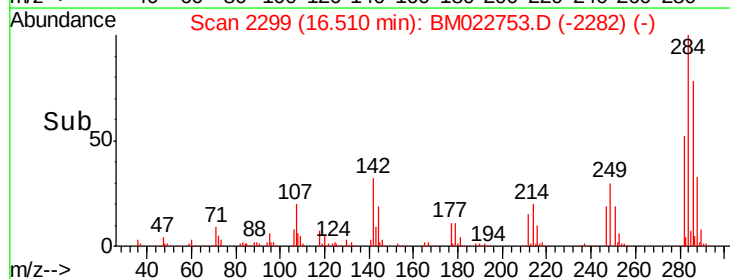
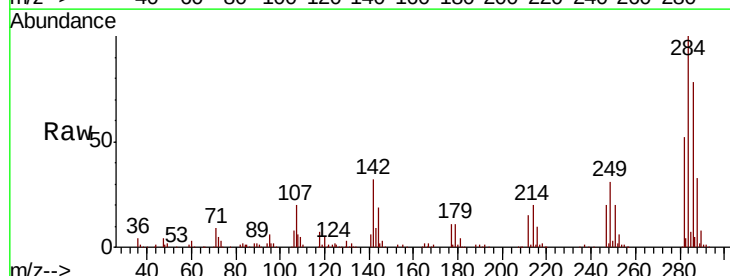
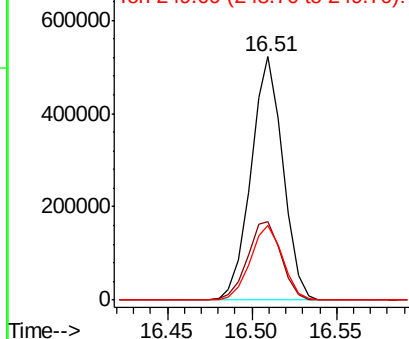
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	27.8	41.8
249	30.7	24.4	36.6

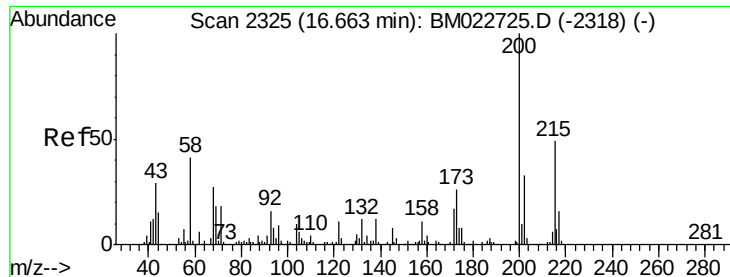
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.477 ng

RT: 16.66 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Instrument :

BNA_M

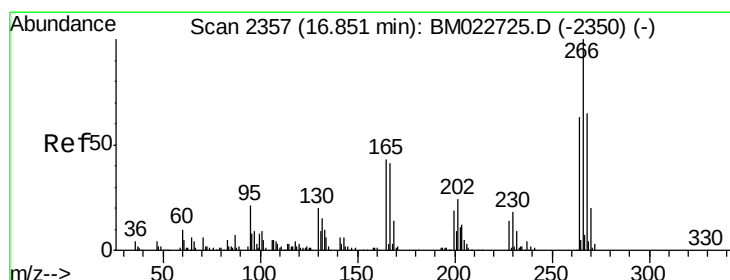
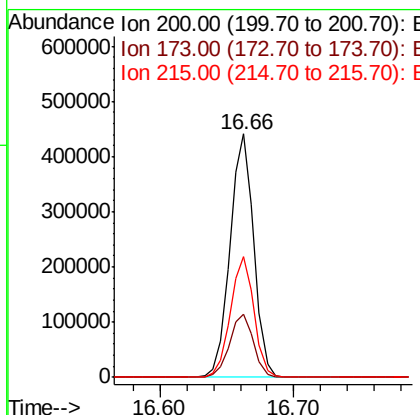
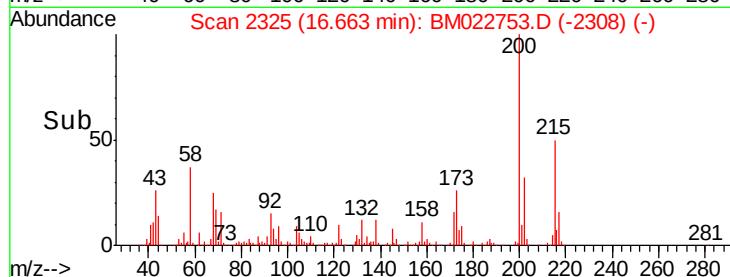
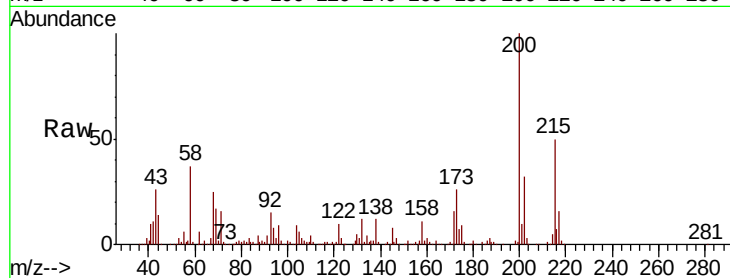
ClientSampleId :

PB123298BSD

Tot Ion:	200	Resp:	548312
Ion Ratio		Lower	Upper
200	100		
173	26.1	5.8	45.8
215	49.6	29.2	69.2

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#70

Pentachlorophenol

Concen: 99.244 ng

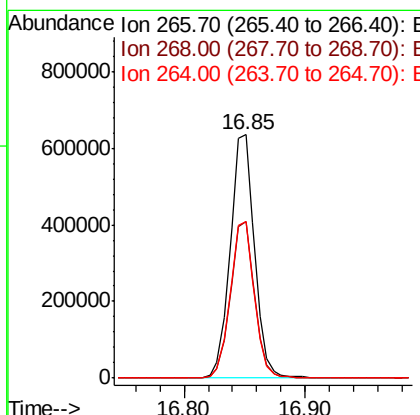
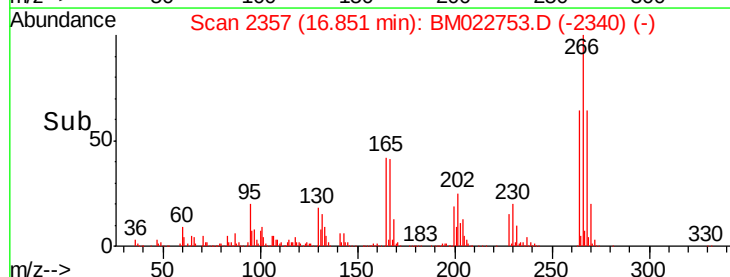
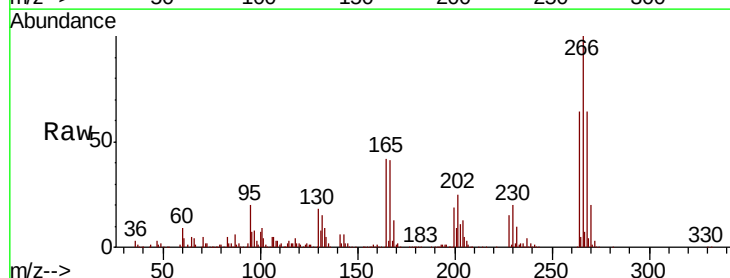
RT: 16.85 min Scan# 2357

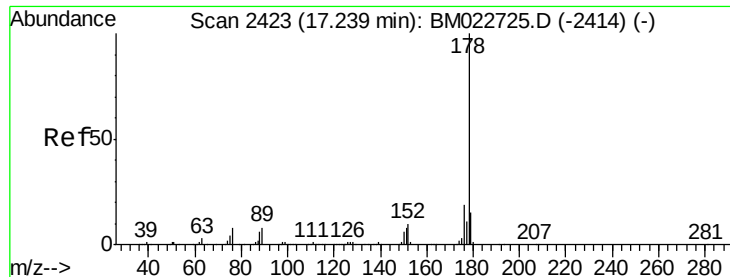
Delta R.T. 0.00 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Tgt Ion:	266	Resp:	892305
Ion Ratio		Lower	Upper
266	100		
268	64.4	51.8	77.6
264	64.4	50.2	75.4





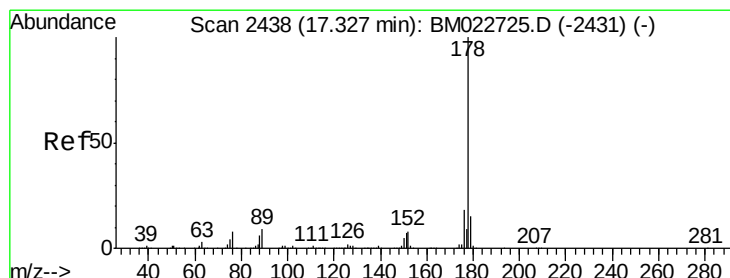
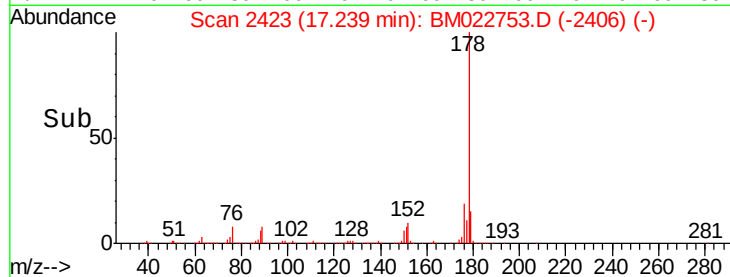
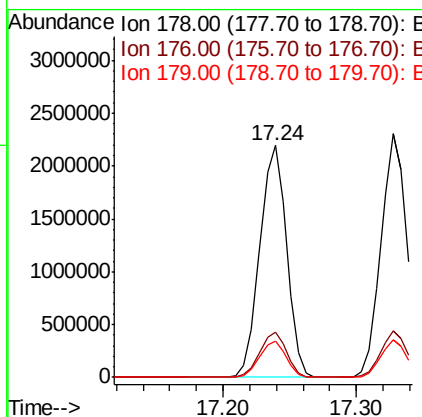
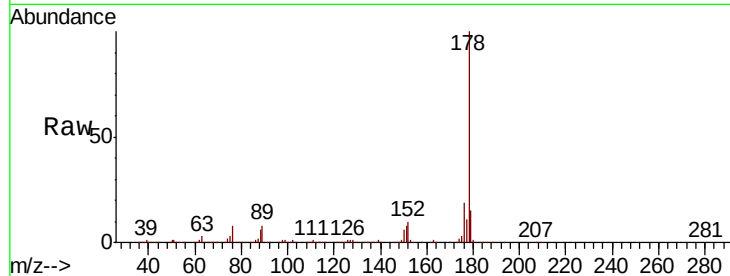
#71
Phenanthrene
Concen: 41.519 ng
RT: 17.24 min Scan# 2423
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.5	12.3	18.5

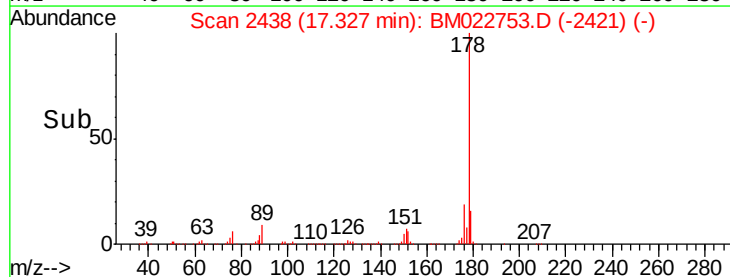
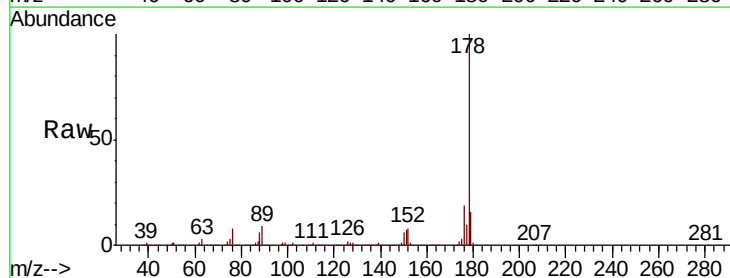
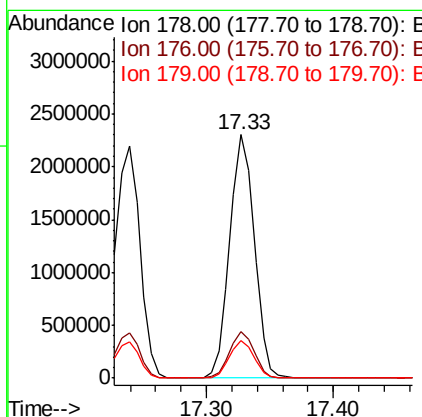
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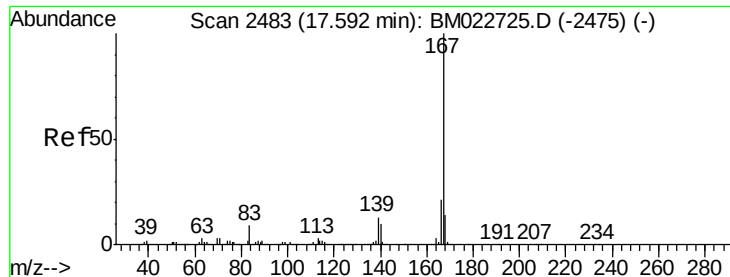
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#72
Anthracene
Concen: 43.506 ng
RT: 17.33 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.6	12.2	18.4





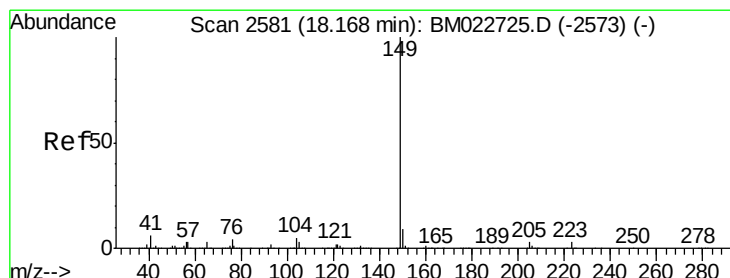
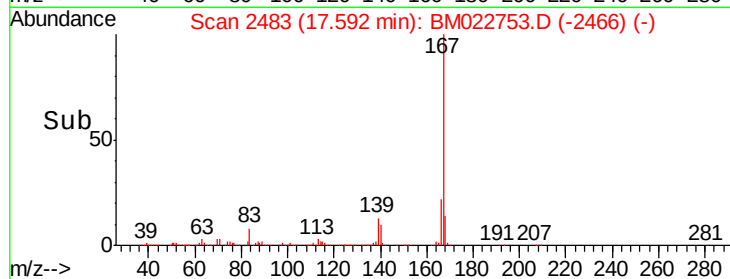
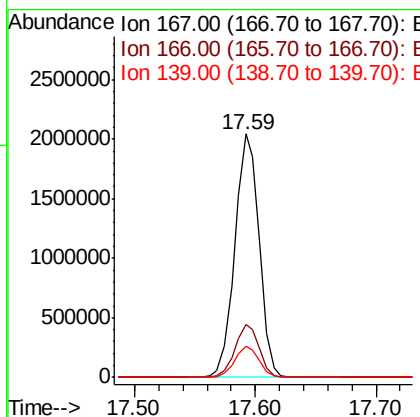
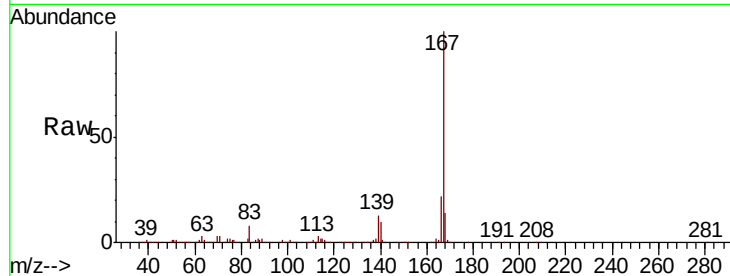
#73
 Carbazole
 Concen: 43.163 ng
 RT: 17.59 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Instrument :
 BNA_M
 ClientSampleID :
 PB123298BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.4
139	12.8	10.1	15.1

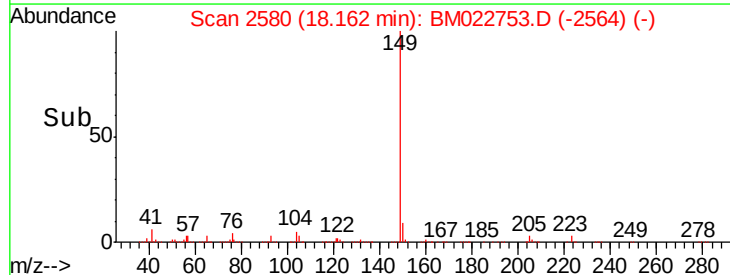
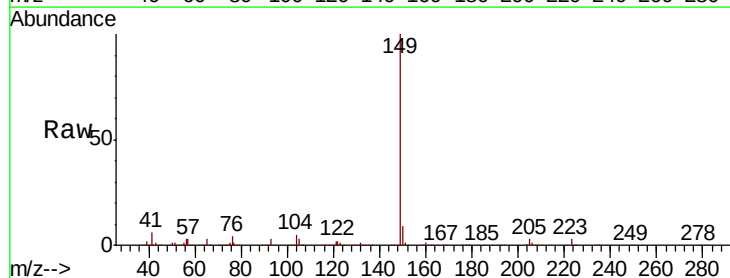
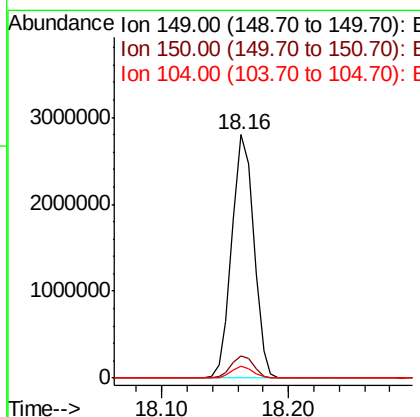
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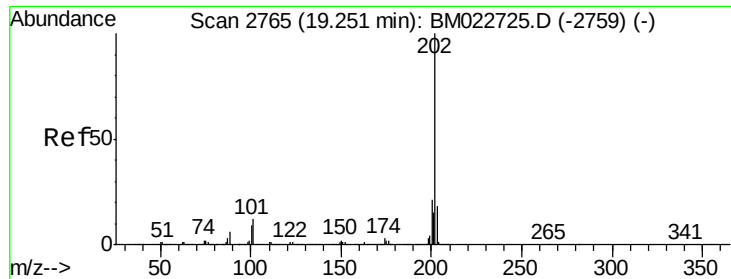
mohammad
 9/26/2019 8:25:23 AM



#74
 Di-n-butylphthalate
 Concen: 44.705 ng
 RT: 18.16 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.8	3.8	5.6





#75

Fluoranthene

Concen: 43.313 ng

RT: 19.25 min Scan# 2765

Delta R.T. 0.00 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Instrument :

BNA_M

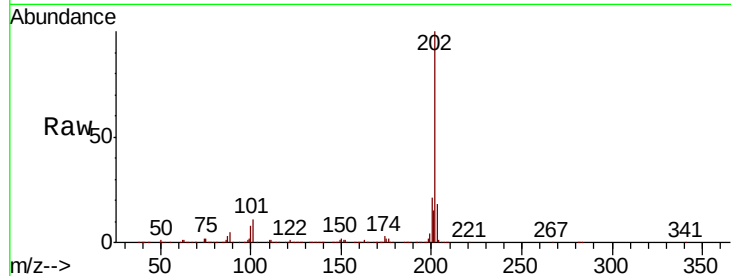
ClientSampleId :

PB123298BSD

Tot Ion:	202	Resp:	3584533
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.1
203	17.9	0.0	37.7

Manual Integrations
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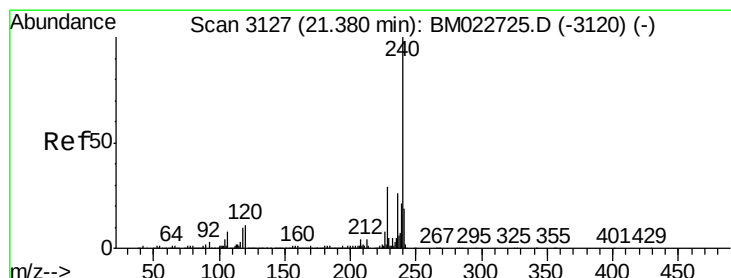
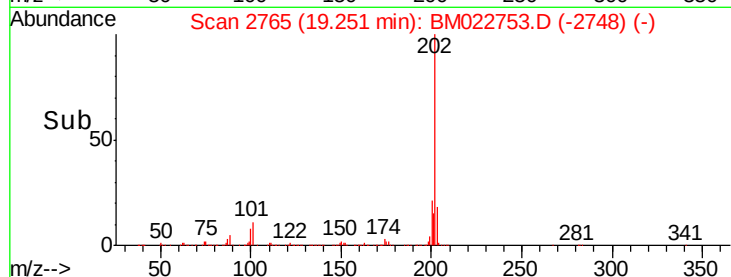
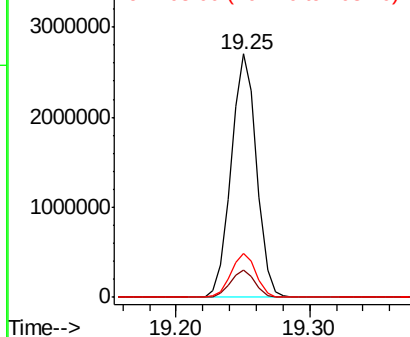


Abundance

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

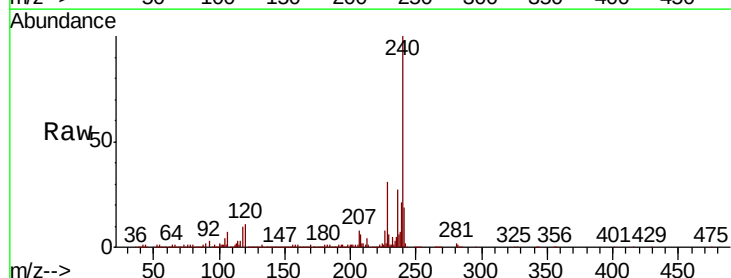
RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Tgt Ion:	240	Resp:	1280987
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.8	13.2
236	26.7	20.8	31.2

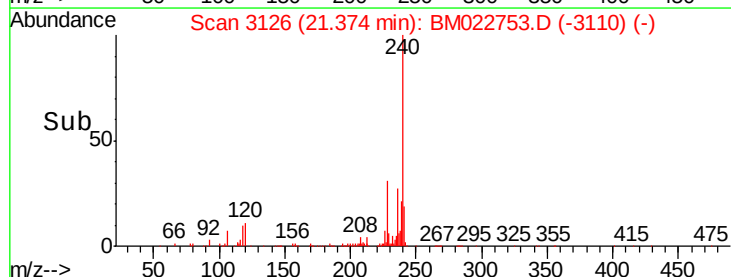
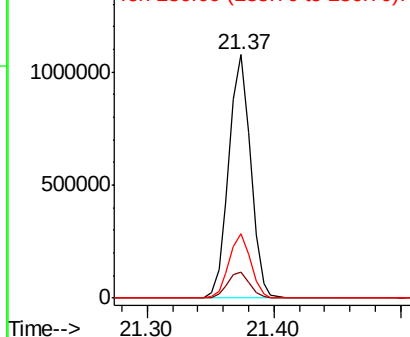


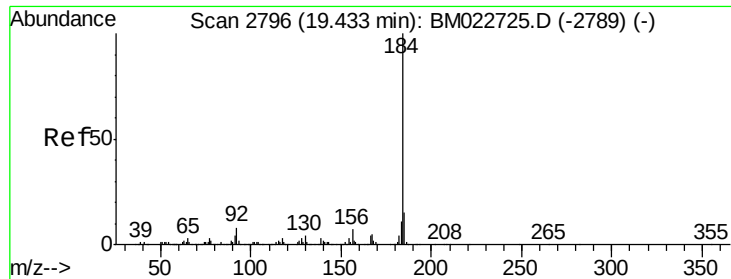
Abundance

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: 47.371 ng

RT: 19.43 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Instrument :

BNA_M

ClientSampleId :

PB123298BSD

Tot Ion:184 Resp: 1664698

Ion Ratio Lower Upper

184 100

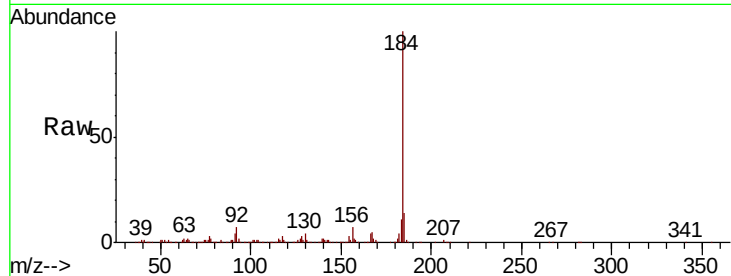
185 14.3 11.6 17.4

183 11.4 9.1 13.7

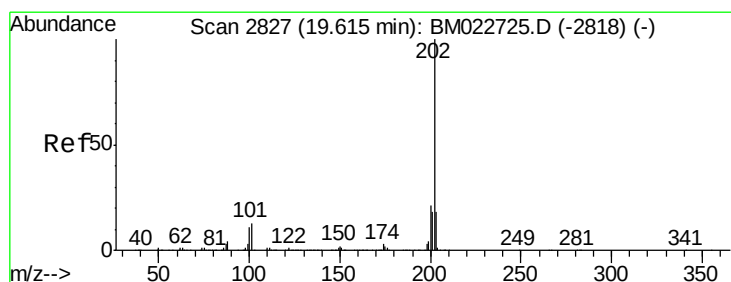
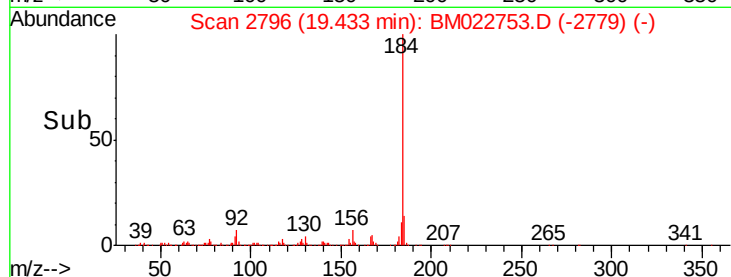
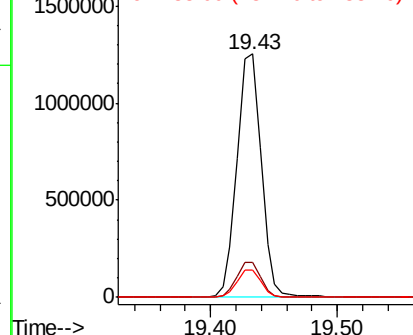
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.037 ng

RT: 19.62 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

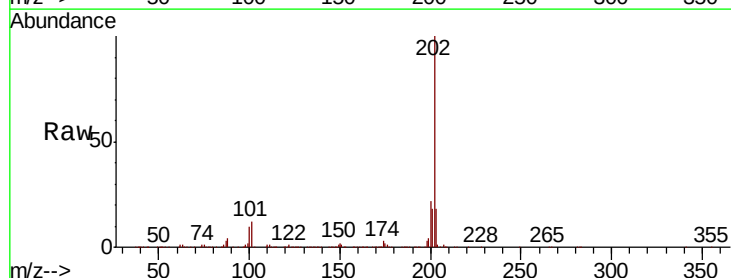
Tgt Ion:202 Resp: 3696869

Ion Ratio Lower Upper

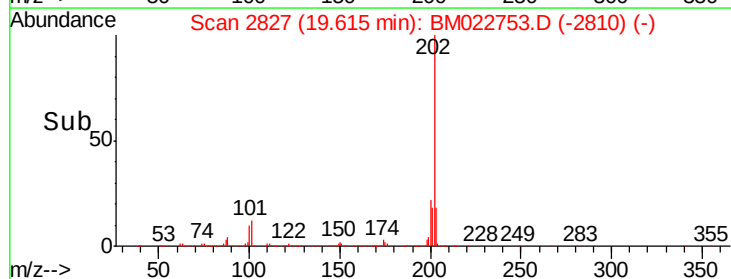
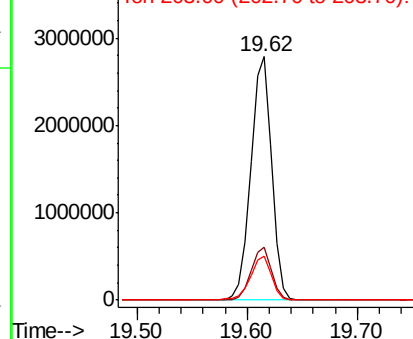
202 100

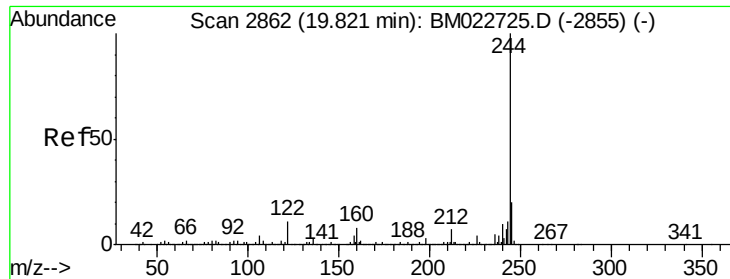
200 21.5 16.7 25.1

203 17.9 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: 67.912 ng

RT: 19.82 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Instrument :

BNA_M

ClientSampleId :

PB123298BSD

Tot Ion:244 Resp: 4492657

Ion Ratio Lower Upper

244 100

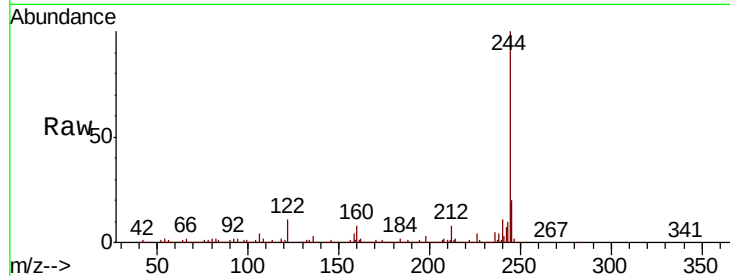
212 7.7 5.9 8.9

122 11.3 9.0 13.4

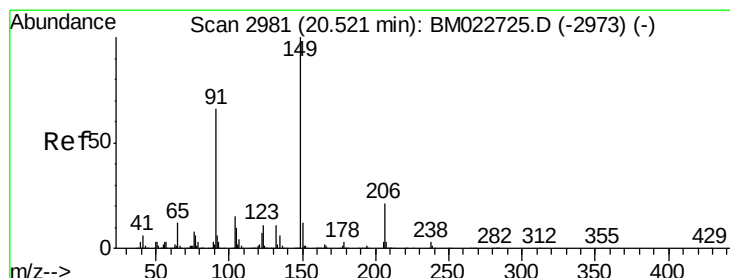
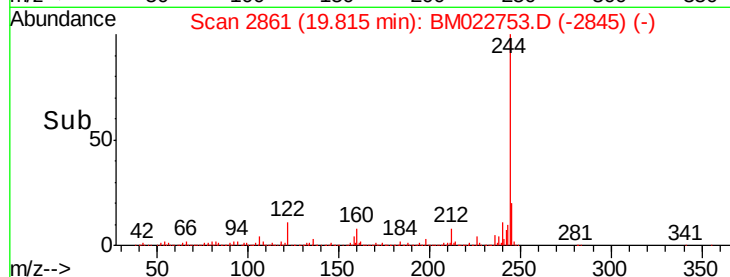
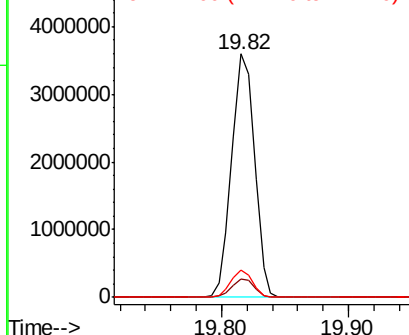
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.686 ng

RT: 20.51 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

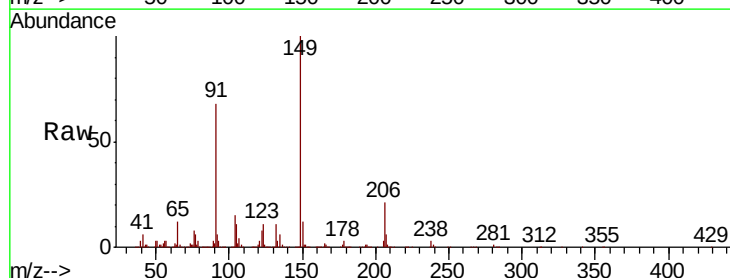
Tgt Ion:149 Resp: 1521418

Ion Ratio Lower Upper

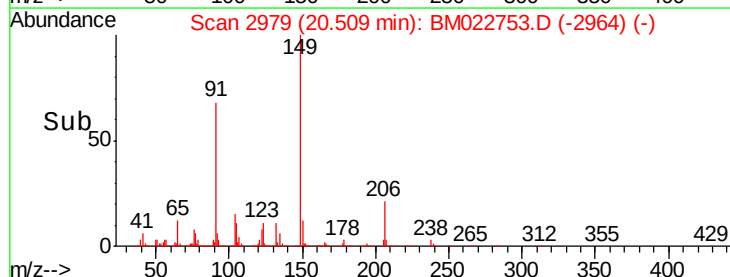
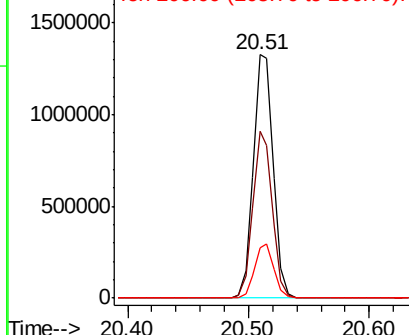
149 100

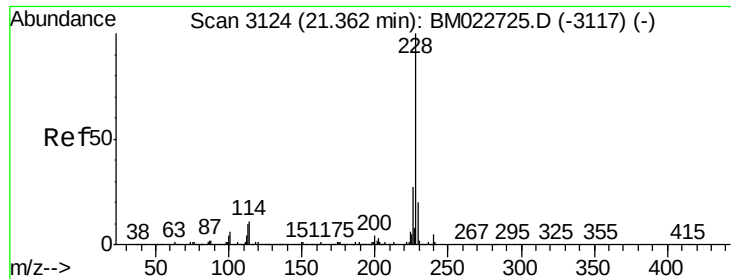
91 68.4 53.0 79.4

206 20.5 16.9 25.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.444 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

Instrument :

BNA_M

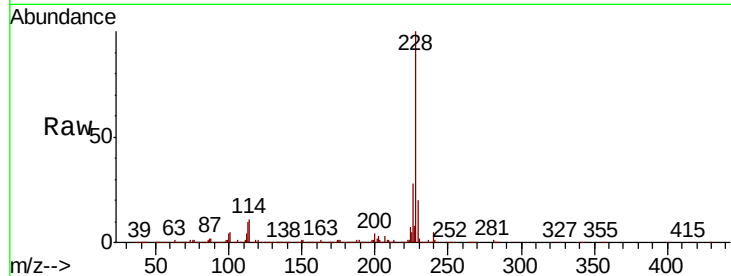
ClientSampleId :

PB123298BSD

Tot Ion:	228	Resp:	3523843
Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.0	33.0
229	20.1	15.9	23.9

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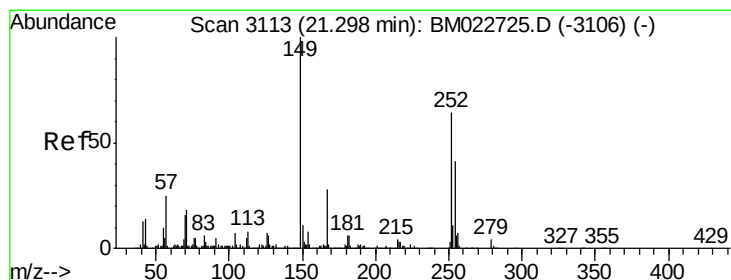
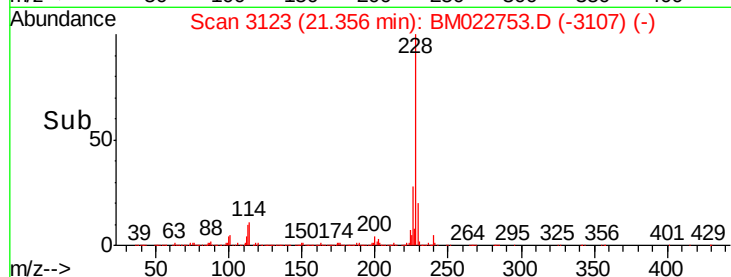
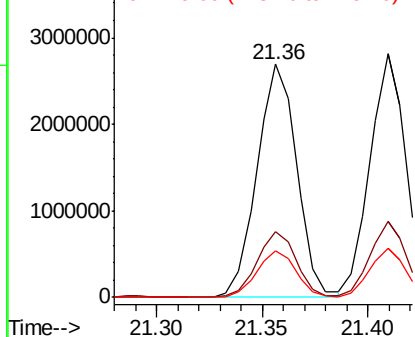


Abundance

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: 31.984 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

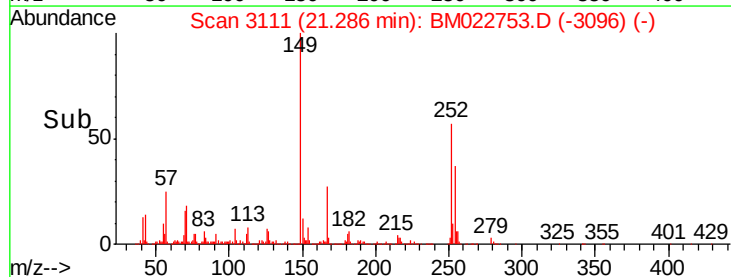
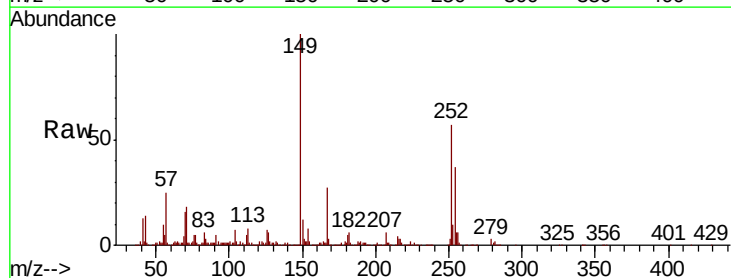
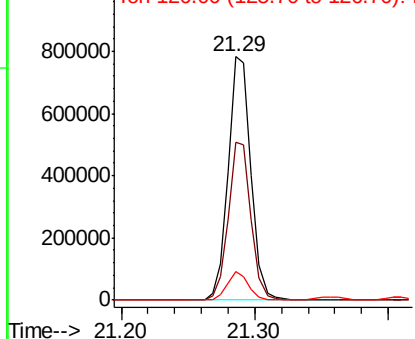
Tgt Ion:	252	Resp:	941695
Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.7	77.5
126	11.6	8.3	12.5

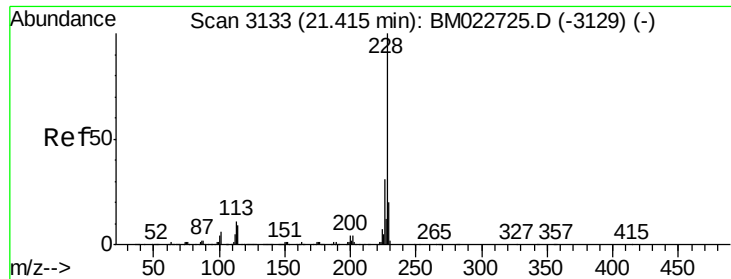
Abundance

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





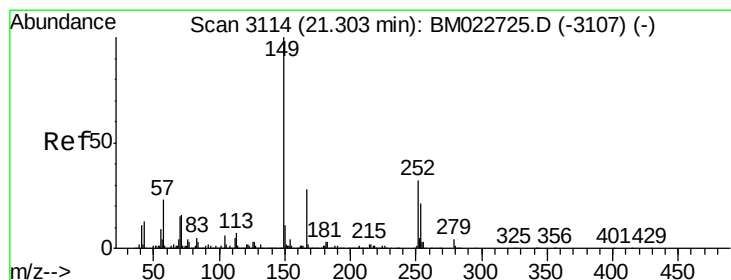
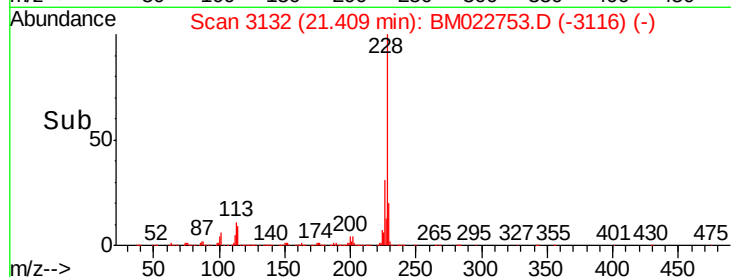
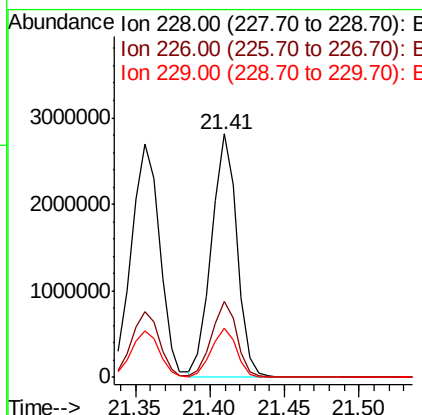
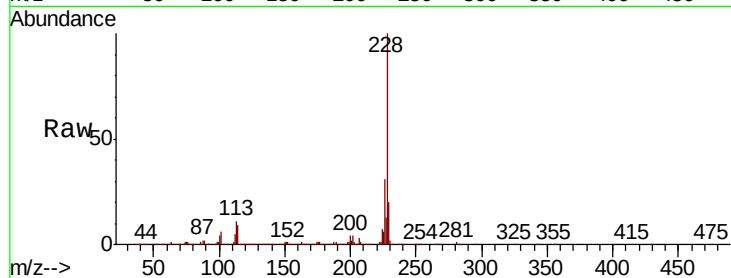
#83
 Chrysene
 Concen: 41.653 ng
 RT: 21.41 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Instrument :
 BNA_M
 ClientSampleId :
 PB123298BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	20.2	15.9	23.9

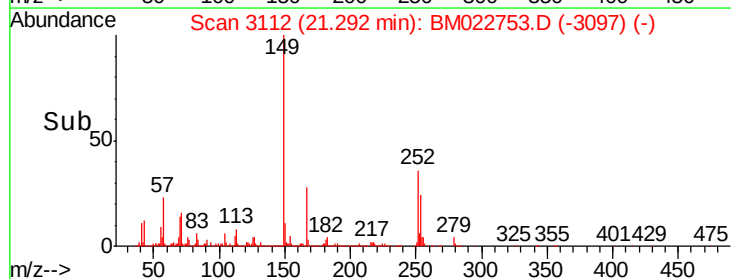
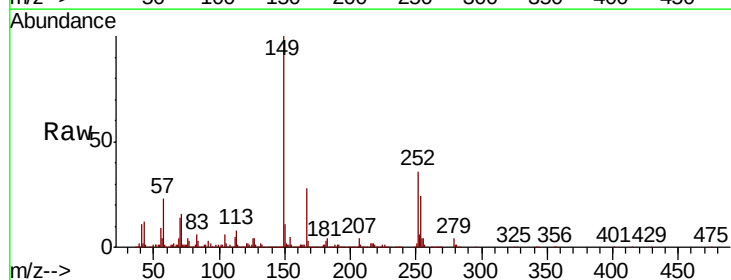
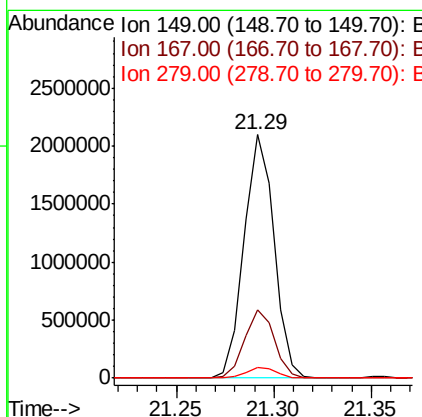
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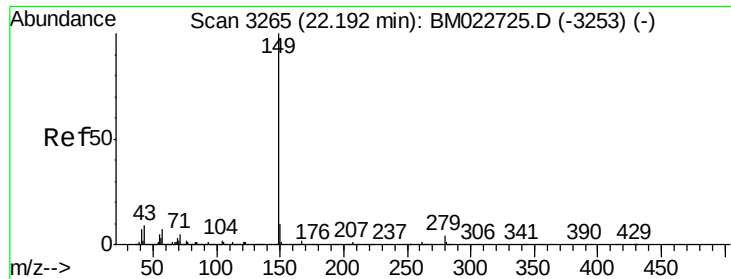
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.272 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM022753.D
 Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.1	33.1
279	4.3	3.4	5.0





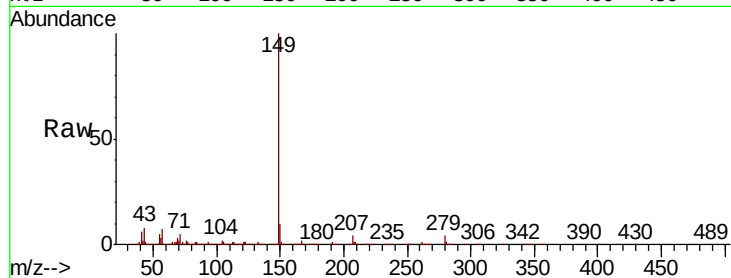
#85
Di-n-octyl phthalate
Concen: 48.387 ng
RT: 22.18 min Scan# 3263
Delta R.T. -0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampleId :
PB123298BSD

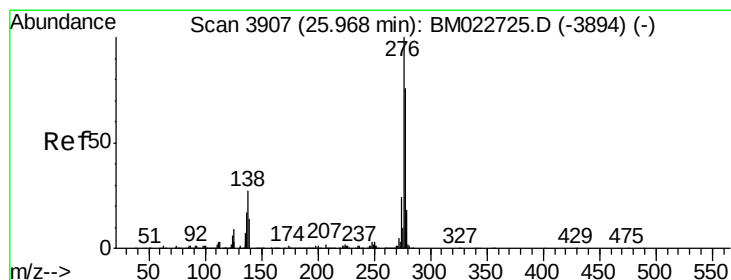
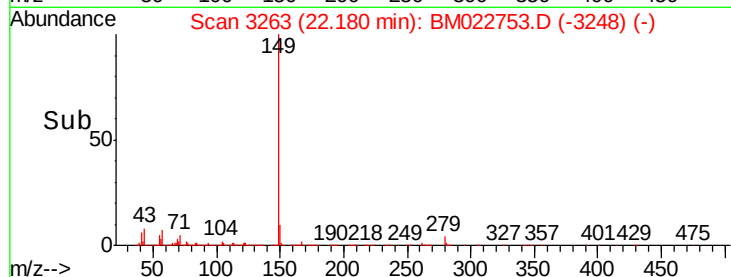
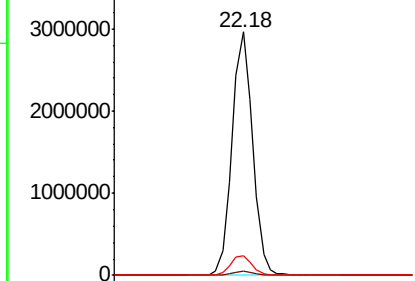
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.5	7.4	11.0

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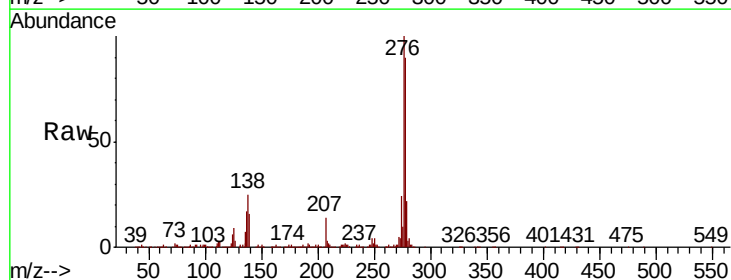


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

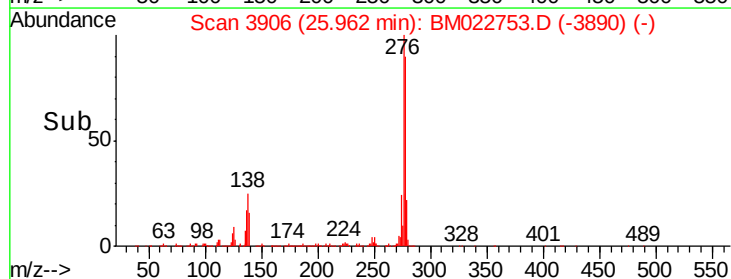
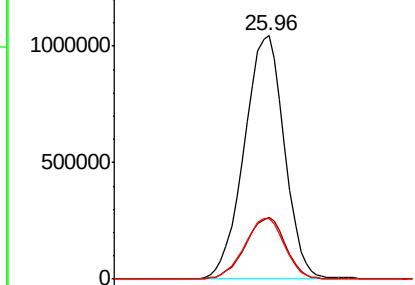


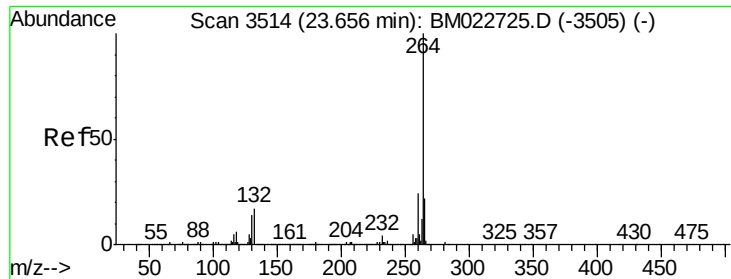
#86
Indeno(1,2,3-cd)pyrene
Concen: 33.446 ng
RT: 25.96 min Scan# 3906
Delta R.T. -0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	0.0	0.0#
277	25.1	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: BM022753.D

Acq: 24 Sep 2019 17:01

Instrument :

BNA_M

ClientSampleId :

PB123298BSD

Tot Ion:264 Resp: 1235274

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

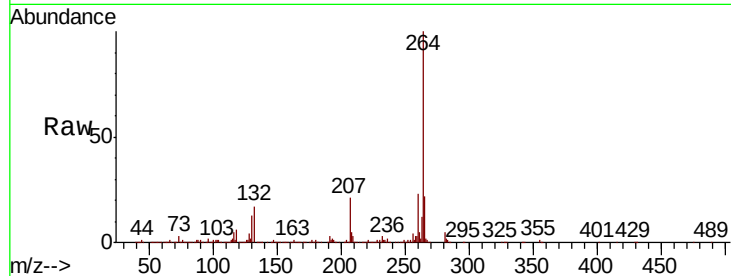
265 22.0 17.9 26.9

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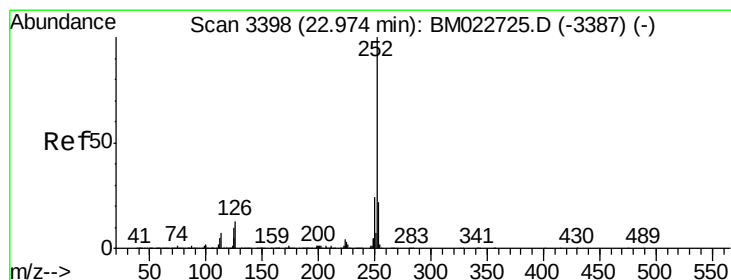
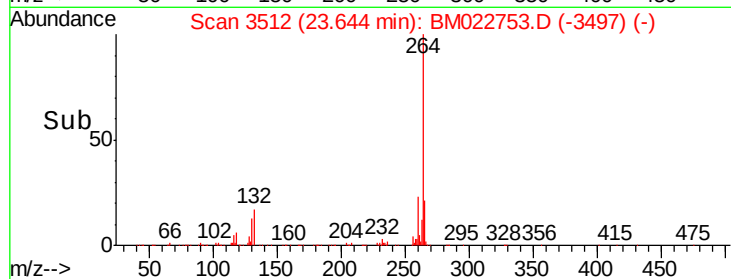
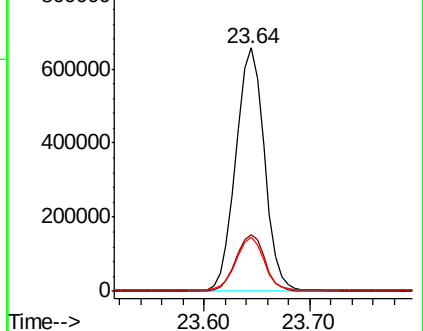
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.777 ng

RT: 22.96 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BM022753.D

Acq: 24 Sep 2019 17:01

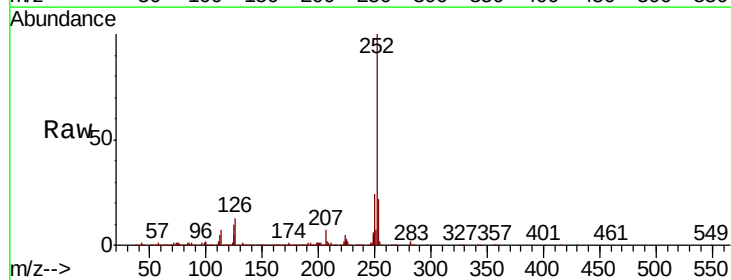
Tgt Ion:252 Resp: 3423760

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

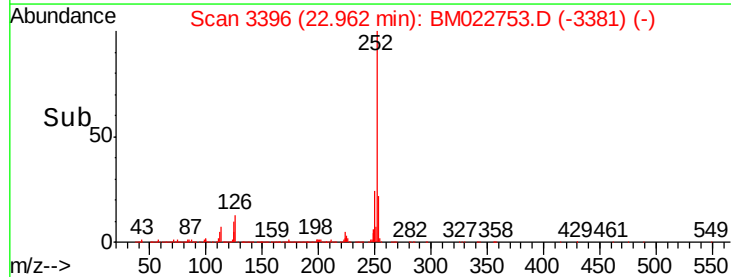
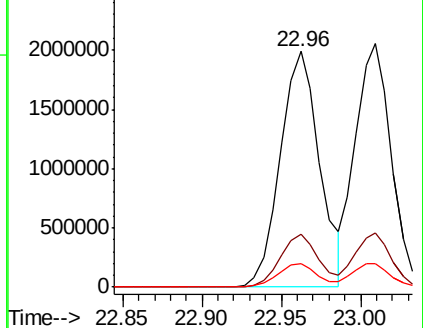
125 10.2 8.2 12.4

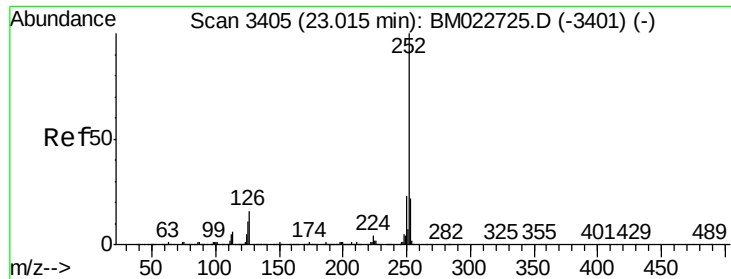


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





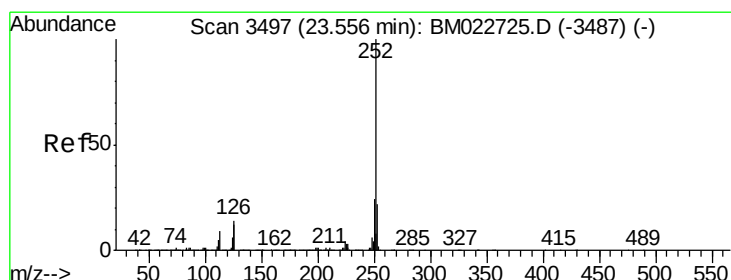
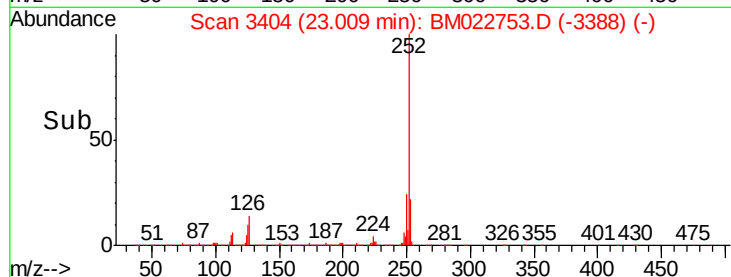
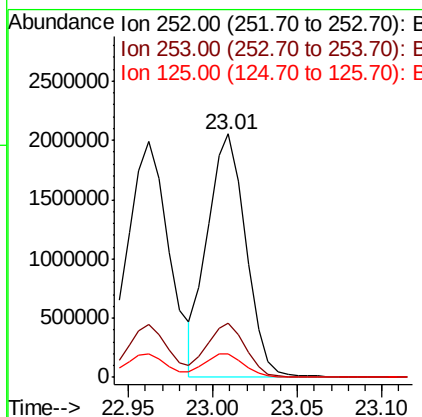
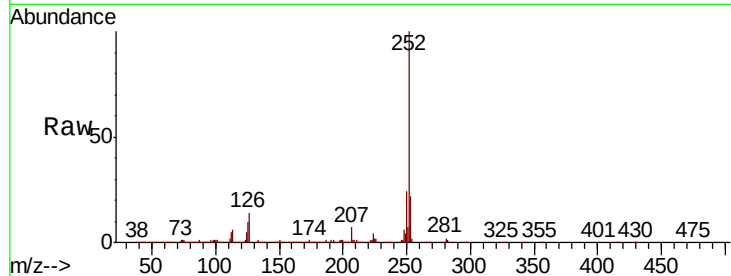
#89
Benzo(k)fluoranthene
Concen: 43.627 ng
RT: 23.01 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampled :
PB123298BSD

Tot Ion:252 Resp: 3237610
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.8 8.5 12.7

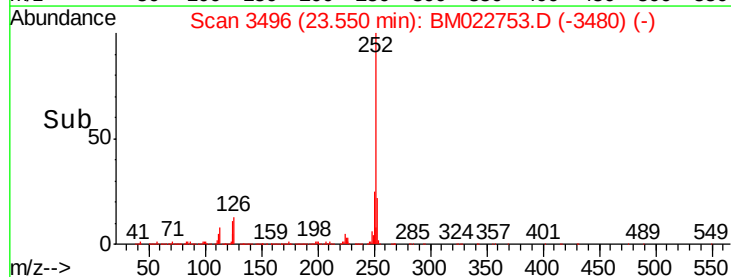
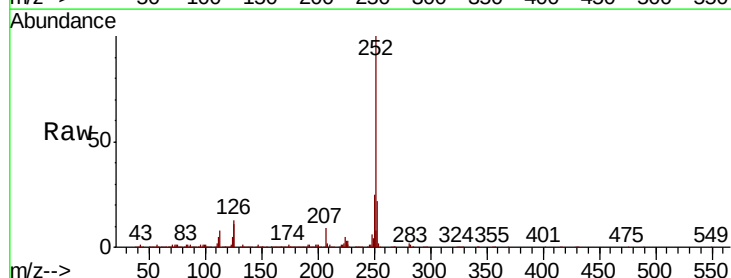
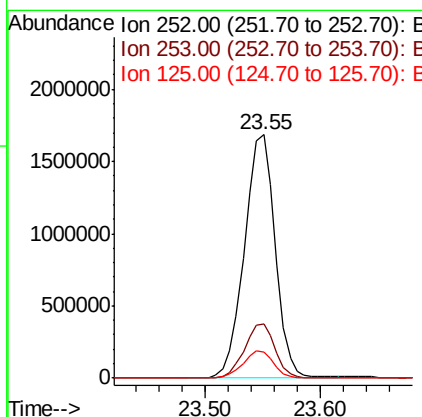
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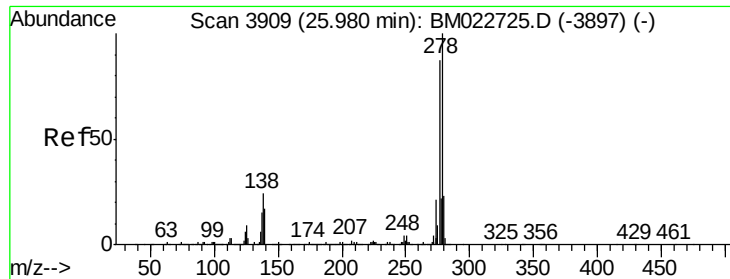
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#90
Benzo(a)pyrene
Concen: 45.463 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion:252 Resp: 3133238
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.7 9.3 13.9





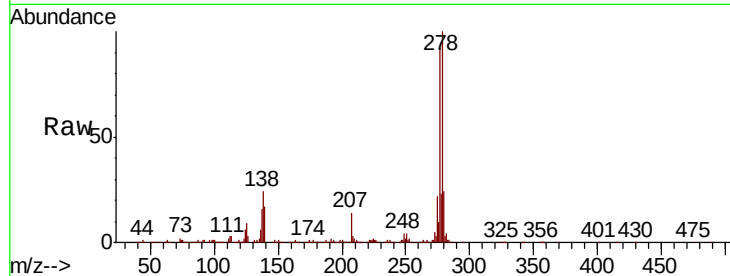
#91
Dibenzo(a,h)anthracene
Concen: 37.548 ng
RT: 25.97 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Instrument :
BNA_M
ClientSampled :
PB123298BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.7	20.5
279	23.7	18.6	28.0

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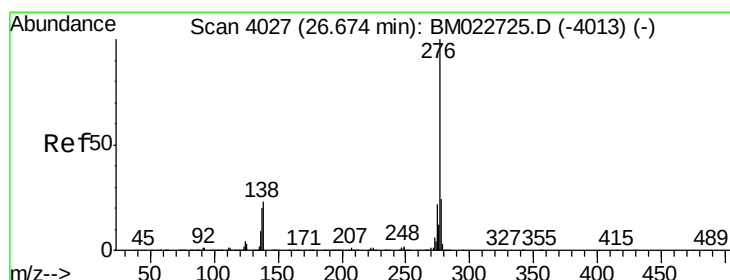
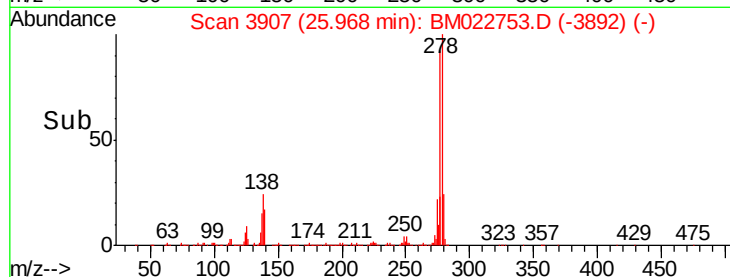
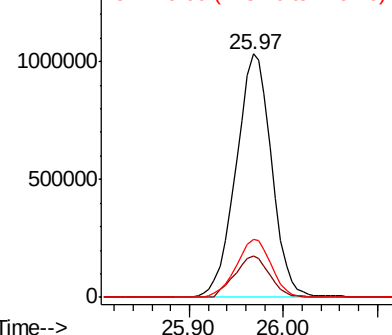


Abundance

Ion 278.00 (277.70 to 278.70): E

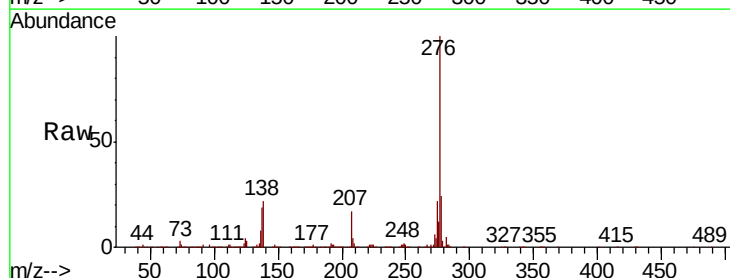
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.104 ng
RT: 26.66 min Scan# 4025
Delta R.T. -0.01 min
Lab File: BM022753.D
Acq: 24 Sep 2019 17:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	21.9	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

