

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
 Data File : BM022770.D
 Acq On : 25 Sep 2019 14:13
 Operator : JU
 Sample : PB123301BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB123301BS

Manual Integrations
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 9/26/2019 3:54:44 PM

Quant Time: Sep 26 06:23:34 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	247866	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	944123	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	509126	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	906131	20.00	ng	0.00
76) Chrysene-d12	21.37	240	724206	20.00	ng	-0.01
87) Perylene-d12	23.64	264	659686	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1662393	106.37	ng	0.00
7) Phenol-d6	6.99	99	2044484	101.85	ng	0.00
23) Nitrobenzene-d5	8.97	82	1112308	65.40	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	688692	108.36	ng	0.00
45) 2-Fluorobiphenyl	13.07	172	2561346	69.28	ng	-0.01
79) Terphenyl-d14	19.82	244	2927319	78.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	240995	38.322	ng	# 100
3) Pyridine	3.72	79	577516	34.840	ng	99
4) n-Nitrosodimethylamine	3.62	42	257937	42.745	ng	# 96
6) Aniline	7.15	93	874580	36.336	ng	99
8) 2-Chlorophenol	7.39	128	709856	44.579	ng	99
9) Benzaldehyde	6.96	77	358296	31.348	ng	99
10) Phenol	7.02	94	807575	42.733	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	638688	43.016	ng	98
12) 1,3-Dichlorobenzene	7.71	146	786744	41.339	ng	100
13) 1,4-Dichlorobenzene	7.86	146	799853	41.514	ng	99
14) 1,2-Dichlorobenzene	8.17	146	751175	40.894	ng	100
15) Benzyl Alcohol	8.06	79	537969	42.830	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	859756	39.862	ng	100
17) 2-Methylphenol	8.26	107	539709	43.146	ng	99
18) Hexachloroethane	8.90	117	292440	41.383	ng	98
19) n-Nitroso-di-n-propylamine	8.63	70	457725	40.834	ng	99
20) 3+4-Methylphenols	8.59	107	716204	42.987	ng	98
22) Acetophenone	8.64	105	930558	39.930	ng	# 99
24) Nitrobenzene	9.02	77	683537	42.004	ng	98
25) Isophorone	9.55	82	1210972	43.302	ng	99
26) 2-Nitrophenol	9.73	139	343153	48.846	ng	98
27) 2,4-Dimethylphenol	9.79	122	597014	50.763	ng	99
28) bis(2-Chloroethoxy)methane	10.02	93	823422	42.550	ng	99
29) 2,4-Dichlorophenol	10.26	162	612977	46.100	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	697541	42.638	ng	100
31) Naphthalene	10.66	128	2004629	42.972	ng	99
32) Benzoic acid	9.93	122	351733	43.903	ng	95
33) 4-Chloroaniline	10.77	127	425265	20.996	ng	99
34) Hexachlorobutadiene	10.96	225	419924	43.060	ng	99
35) Caprolactam	11.56	113	155869m	39.541	ng	
36) 4-Chloro-3-methylphenol	11.89	107	564467	43.511	ng	97
37) 2-Methylnaphthalene	12.27	142	1404472	43.252	ng	100
38) 1-Methylnaphthalene	12.49	142	1301103	42.212	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	750731	43.517	ng	99

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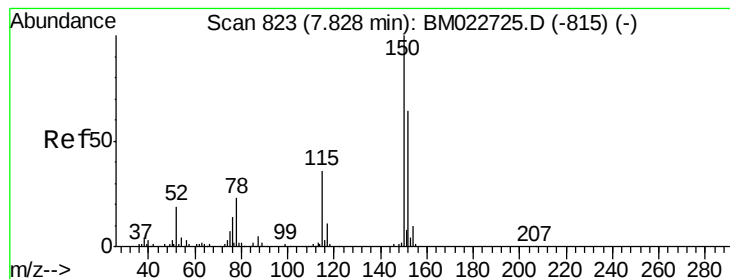
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	1020252	108.393	ng	100
43) 2,4,6-Trichlorophenol	12.89	196	460765	46.276	ng	100
44) 2,4,5-Trichlorophenol	12.95	196	486410	46.879	ng	100
46) 1,1'-Biphenyl	13.29	154	1743130	41.368	ng	99
47) 2-Chloronaphthalene	13.33	162	1331759	42.404	ng	99
48) 2-Nitroaniline	13.53	65	321705	39.337	ng	99
49) Acenaphthylene	14.17	152	2048430	44.045	ng	100
50) Dimethylphthalate	13.92	163	1524208	41.426	ng	100
51) 2,6-Dinitrotoluene	14.02	165	332215	43.166	ng	98
52) Acenaphthene	14.52	154	1239292	40.730	ng	99
53) 3-Nitroaniline	14.35	138	229010	25.848	ng	100
54) 2,4-Dinitrophenol	14.56	184	346289	82.784	ng	96
55) Dibenzofuran	14.85	168	1881688	42.361	ng	99
56) 4-Nitrophenol	14.66	139	563666	82.770	ng	97
57) 2,4-Dinitrotoluene	14.81	165	433060	42.952	ng	100
58) Fluorene	15.50	166	1494173	41.393	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	404911	44.747	ng	97
60) Diethylphthalate	15.28	149	1488266	41.600	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	779686	42.038	ng	99
62) 4-Nitroaniline	15.52	138	331964	35.738	ng	98
63) Azobenzene	15.79	77	1349875	41.782	ng	100
65) 4,6-Dinitro-2-methylphenol	15.57	198	222808	48.788	ng	94
66) n-Nitrosodiphenylamine	15.71	169	1291365	46.650	ng	99
67) 4-Bromophenyl-phenylether	16.39	248	469582	46.593	ng	99
68) Hexachlorobenzene	16.50	284	510544	43.439	ng	99
69) Atrazine	16.66	200	382375	42.491	ng	100
70) Pentachlorophenol	16.84	266	617797	98.563	ng	99
71) Phenanthrene	17.23	178	2169150	42.425	ng	100
72) Anthracene	17.33	178	2183126	44.057	ng	100
73) Carbazole	17.59	167	1893611	41.066	ng	100
74) Di-n-butylphthalate	18.16	149	2386794	45.650	ng	100
75) Fluoranthene	19.25	202	2308140	40.006	ng	98
77) Benzidine	19.43	184	857762	43.174	ng	99
78) Pyrene	19.61	202	2334197	49.182	ng	100
80) Butylbenzylphthalate	20.51	149	935800	51.881	ng	99
81) Benzo(a)anthracene	21.36	228	2008170	42.784	ng	100
82) 3,3'-Dichlorobenzidine	21.29	252	640926	38.505	ng	100
83) Chrysene	21.41	228	1931774	42.453	ng	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1408991	52.720	ng	100
85) Di-n-octyl phthalate	22.18	149	2194210	51.513	ng	98
86) Indeno(1,2,3-cd)pyrene	25.95	276	1983051	36.512	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1842574	46.131	ng	100
89) Benzo(k)fluoranthene	23.00	252	1812808	45.742	ng	99
90) Benzo(a)pyrene	23.54	252	1741166	47.308	ng	99
91) Dibenzo(a,h)anthracene	25.96	278	1677695	43.579	ng	99
92) Benzo(g,h,i)perylene	26.65	276	1618198	44.255	ng	98

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



#1

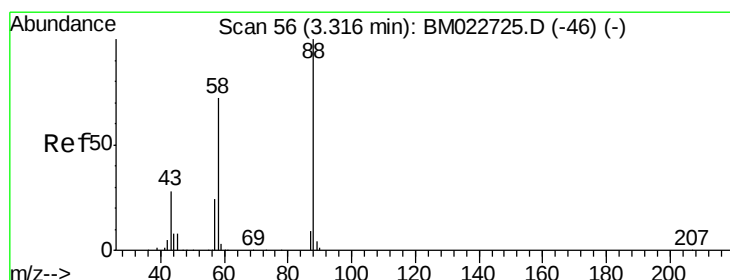
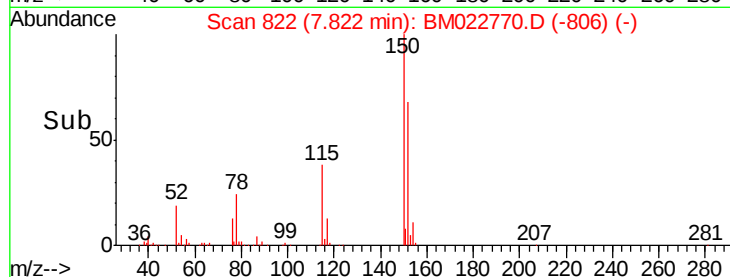
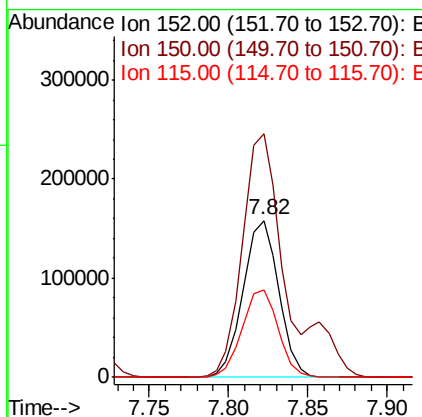
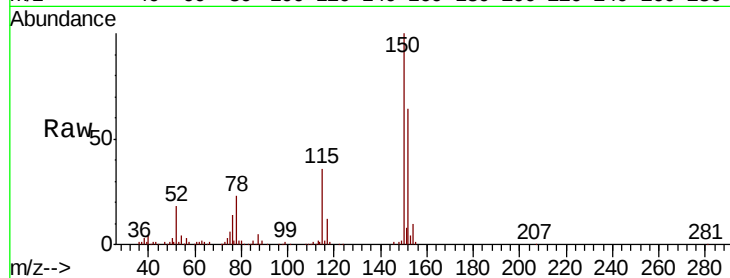
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.5	186.7
115	56.0	45.0	67.4

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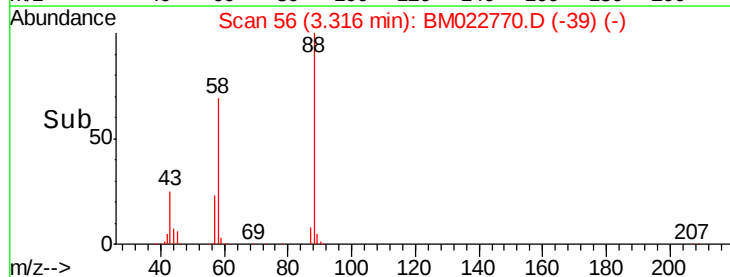
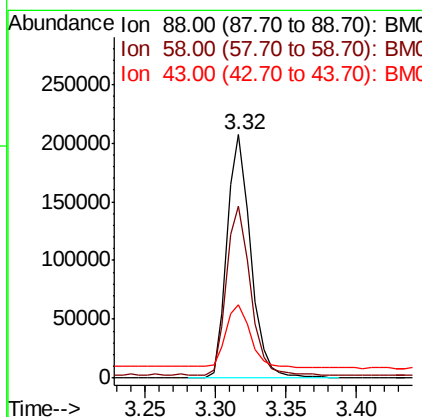
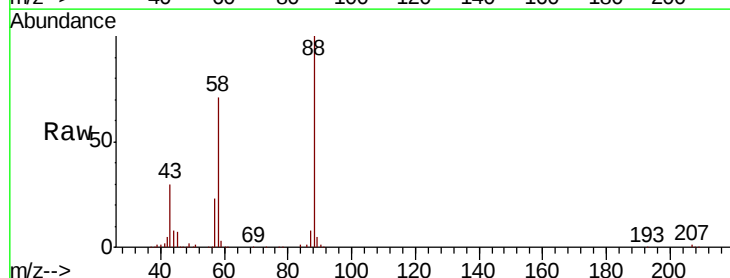
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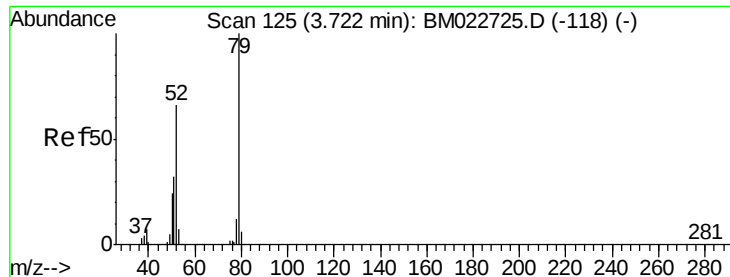


#2

1,4-Dioxane
Concen: 38.322 ng
RT: 3.32 min Scan# 56
Delta R.T. 0.00 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	0.0	0.0#
43	26.9	0.0	0.0#





#3

Pvridine

Concen: 34.840 ng

RT: 3.72 min Scan# 124

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

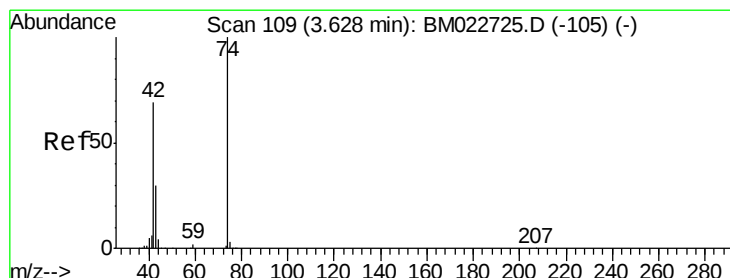
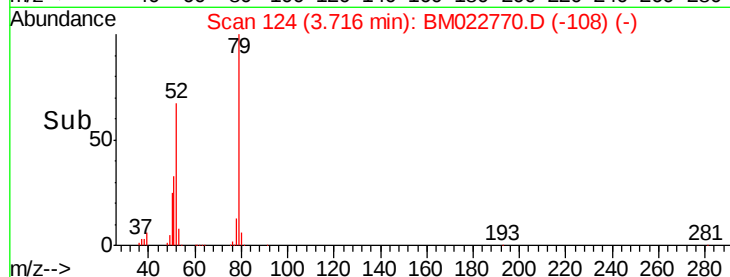
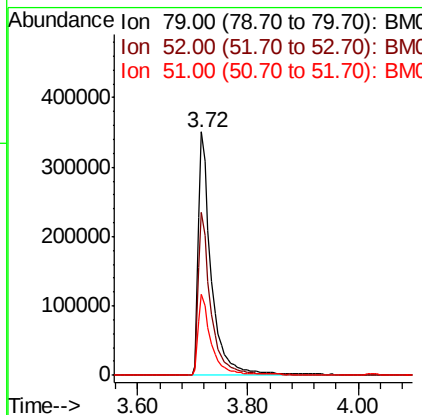
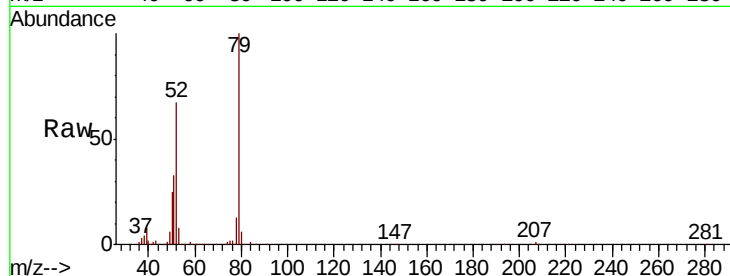
ClientSampleId :

PB123301BS

Tot Ion:	79	Resp:	577516
Ion Ratio	Lower	Upper	
79	100		
52	66.7	52.4	78.6
51	33.2	26.2	39.4

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#4

n-Nitrosodimethylamine

Concen: 42.745 ng

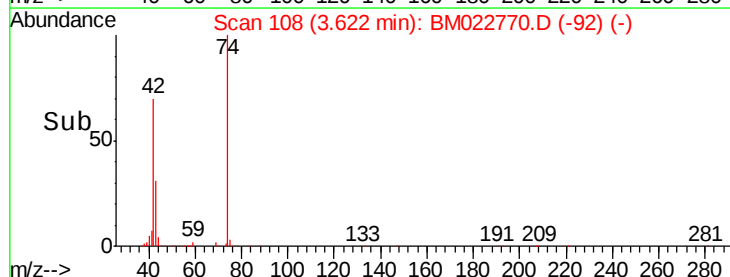
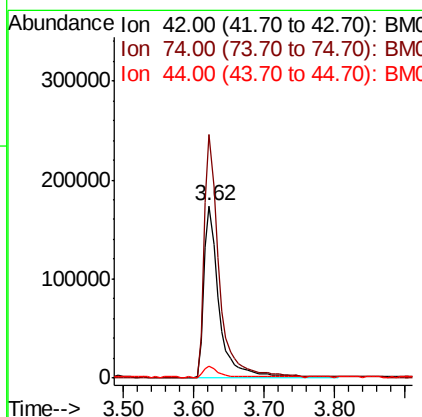
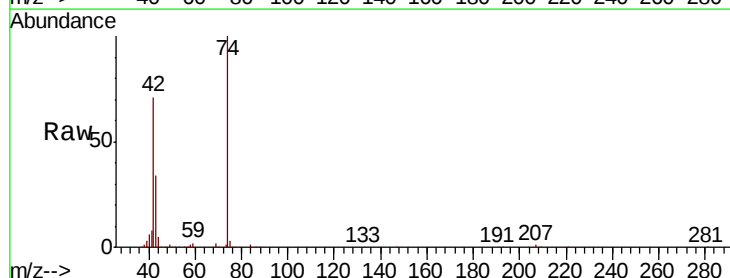
RT: 3.62 min Scan# 108

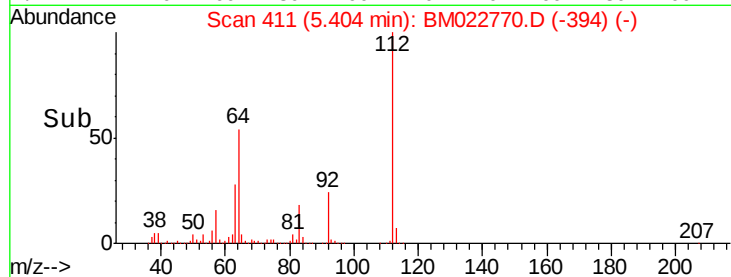
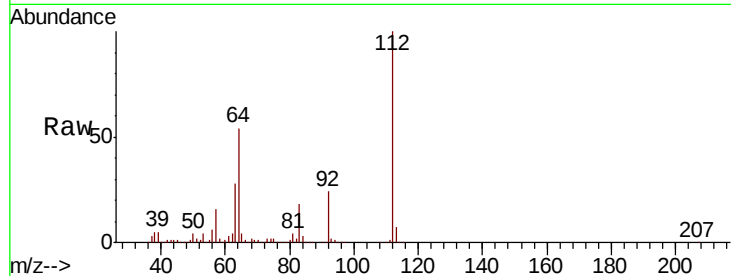
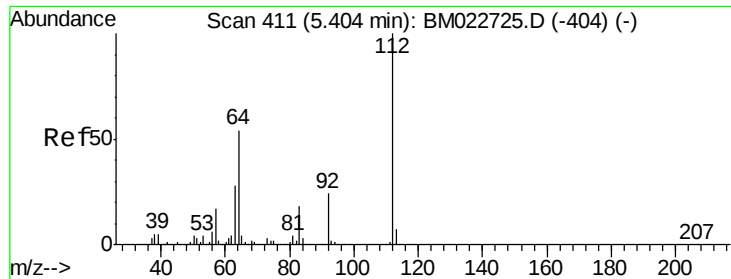
Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Tgt Ion:	42	Resp:	257937
Ion Ratio	Lower	Upper	
42	100		
74	141.4	116.6	175.0
44	6.8	8.2	12.4





#5

2-Fluorophenol

Concen: 106.368 ng

RT: 5.40 min Scan# 411

Delta R.T. 0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Tot Ion:	112	Resp:	1662393
Ion	Ratio	Lower	Upper
112	100		
64	53.6	43.4	65.2
63	27.6	22.1	33.1

Instrument :

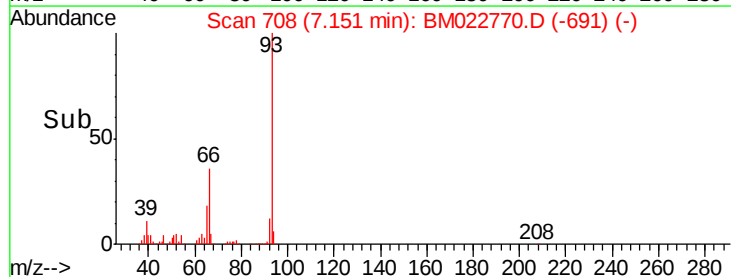
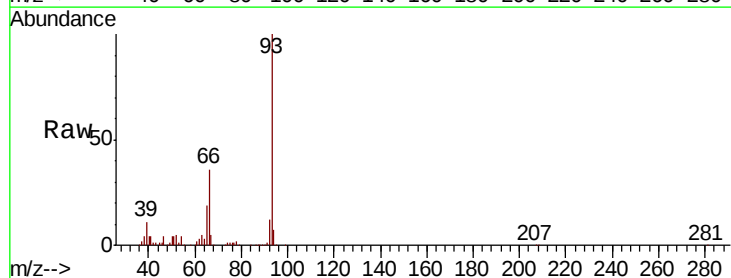
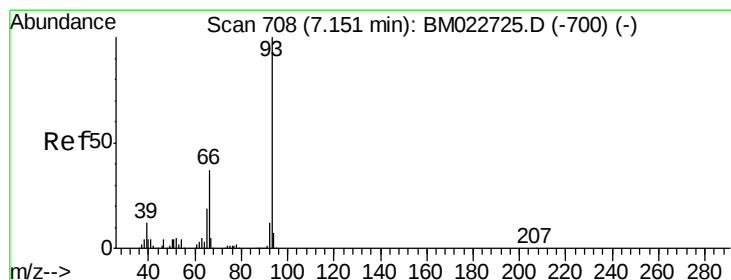
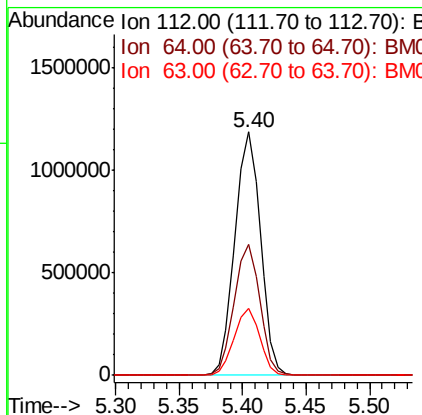
BNA_M

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#6

Aniline

Concen: 36.336 ng

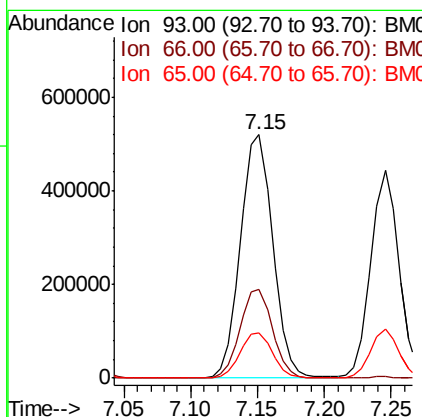
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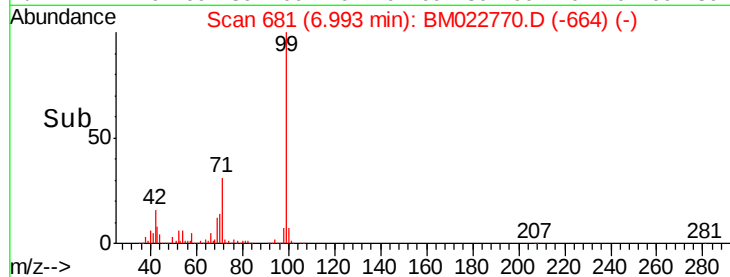
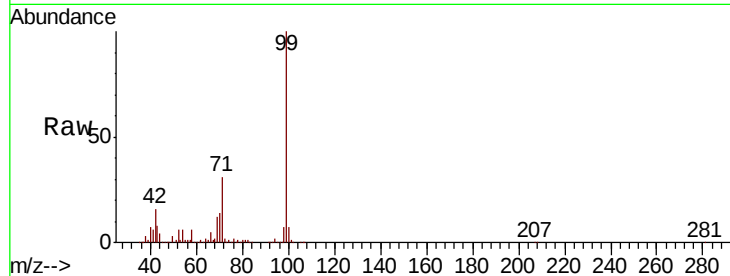
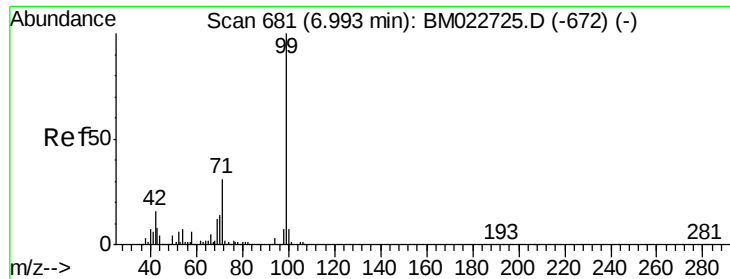
Delta R.T. -0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Tgt Ion:	93	Resp:	874580
Ion	Ratio	Lower	Upper
93	100		
66	36.3	29.3	43.9
65	18.5	15.3	22.9





#7

Phenol-d6

Concen: 101.851 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Tot Ion:	99	Resp:	2044484
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.0	19.4
71	30.8	24.7	37.1

Instrument :

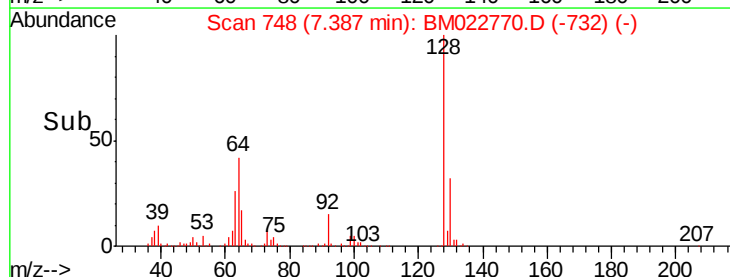
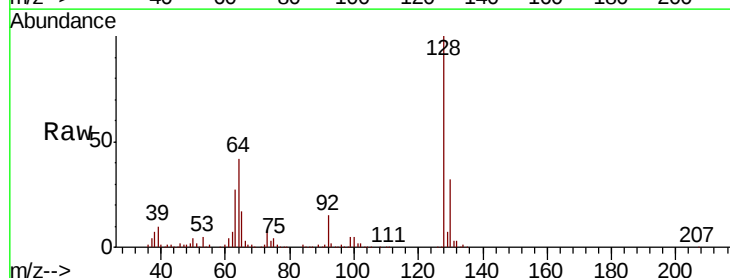
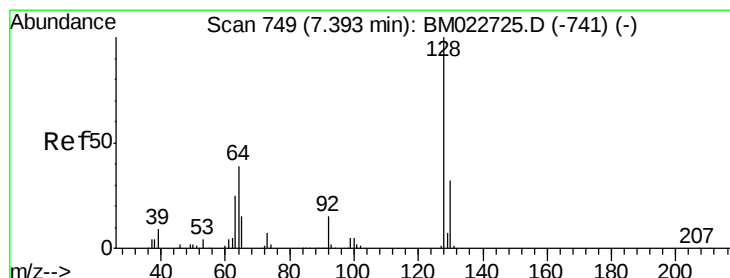
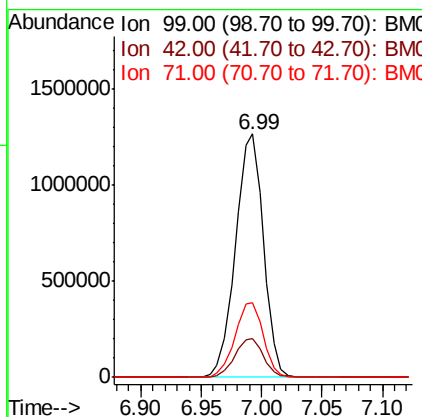
BNA_M

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#8

2-Chlorophenol

Concen: 44.579 ng

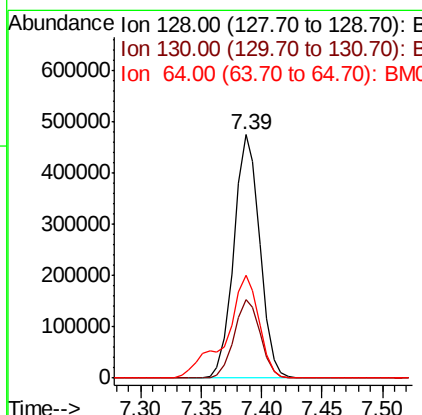
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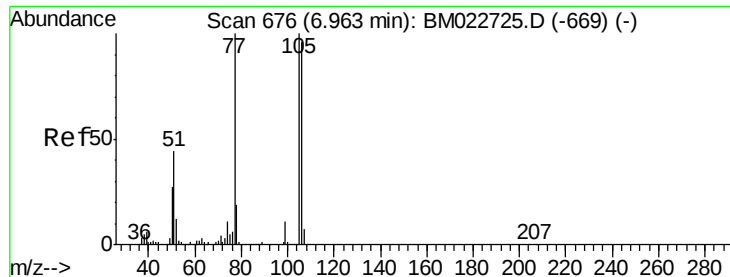
Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Tgt Ion:	128	Resp:	709856
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.1	52.1
64	42.3	22.9	62.9





#9

Benzaldehyde

Concen: 31.348 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

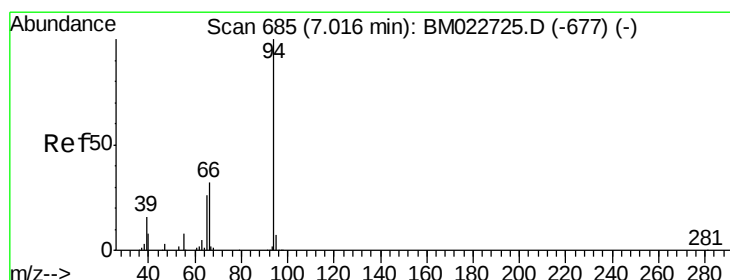
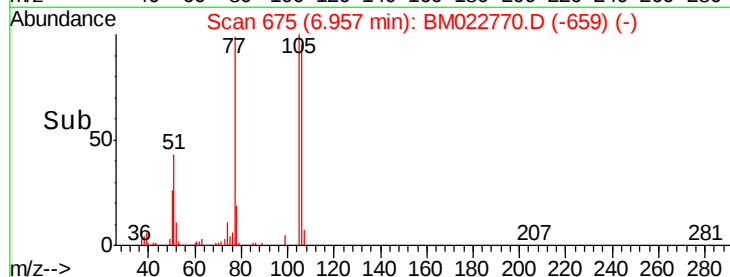
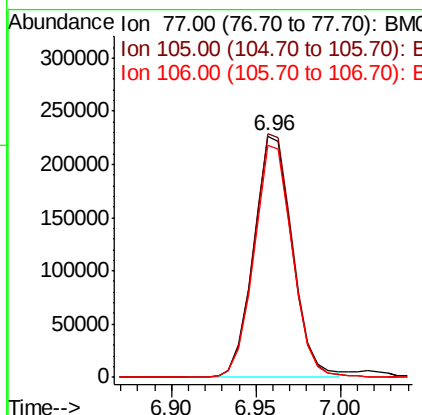
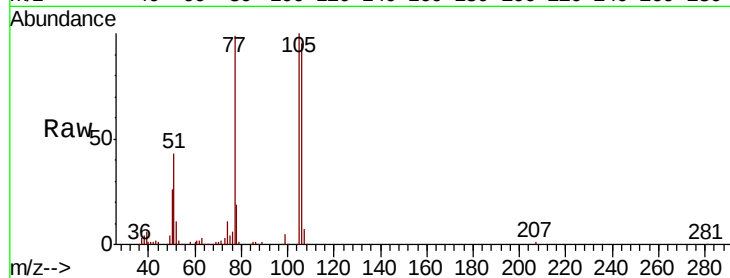
ClientSampleId :

PB123301BS

Tot Ion:	77	Resp:	358296
Ion	Ratio	Lower	Upper
77	100		
105	100.8	79.6	119.6
106	96.1	76.3	116.3

Manual Integrations
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#10

Phenol

Concen: 42.733 ng

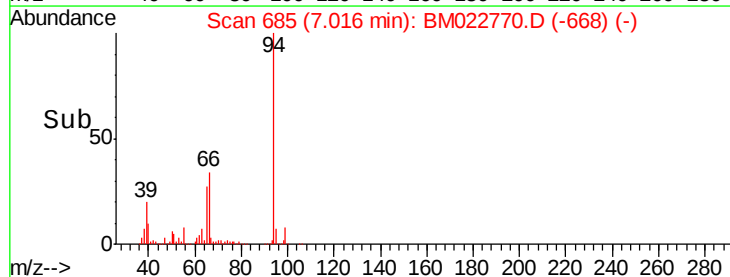
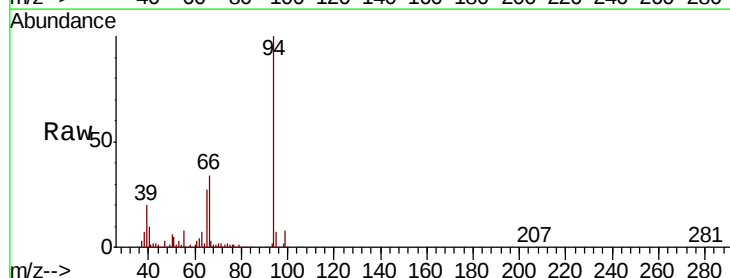
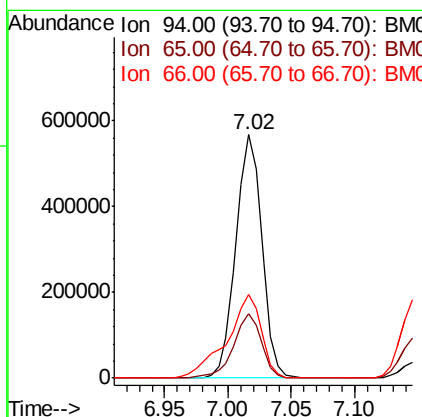
RT: 7.02 min Scan# 685

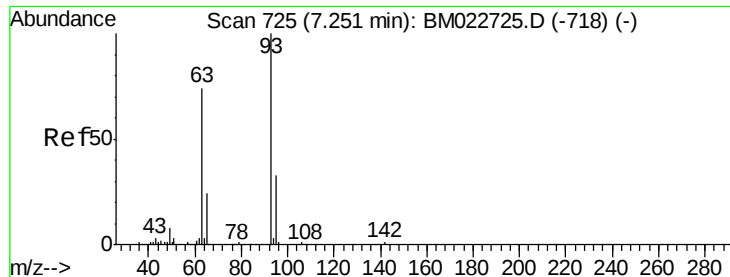
Delta R.T. -0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Tgt Ion:	94	Resp:	807575
Ion	Ratio	Lower	Upper
94	100		
65	26.5	6.7	46.7
66	34.2	13.8	53.8





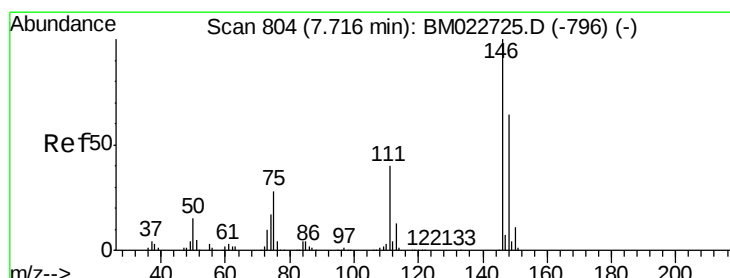
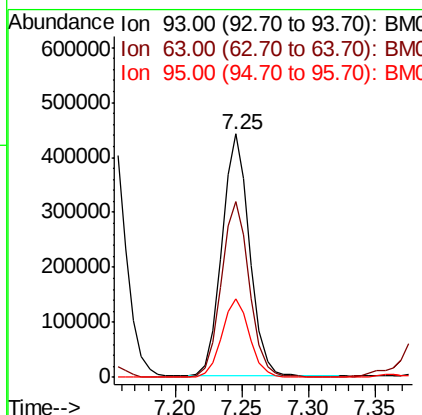
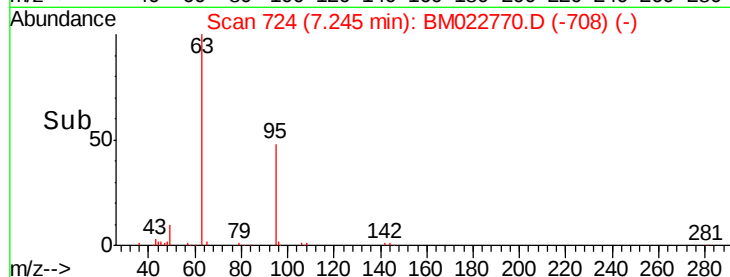
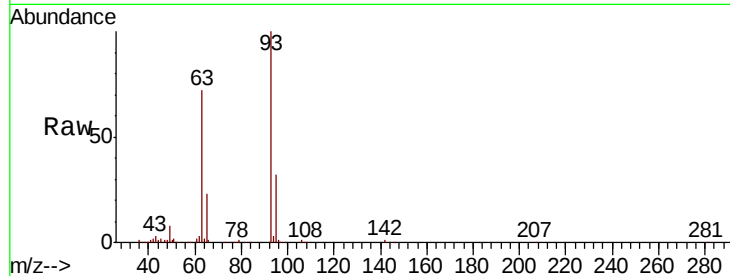
#11
bis(2-Chloroethyl)ether
Concen: 43.016 ng
RT: 7.25 min Scan# 724
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion:	93	Resp:	638688
Ion Ratio	Lower	Upper	
93	100		
63	72.2	53.8	93.8
95	32.3	12.7	52.7

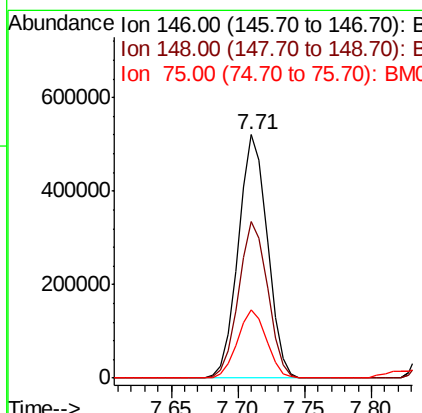
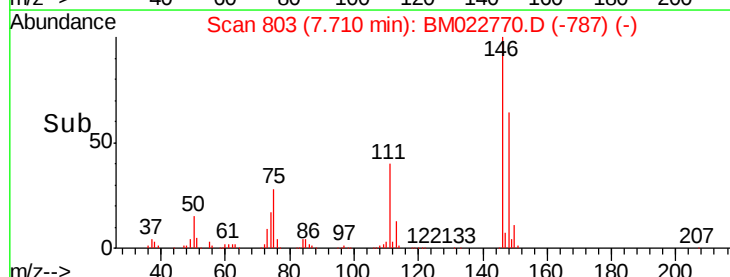
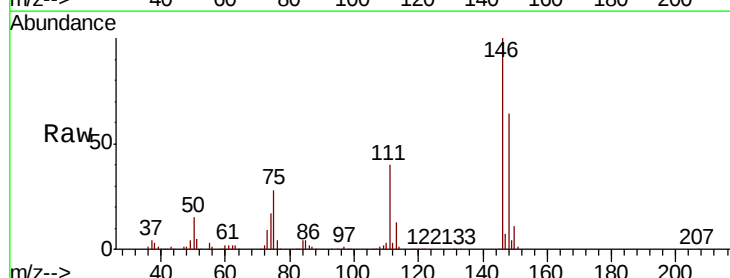
Manual Integrations
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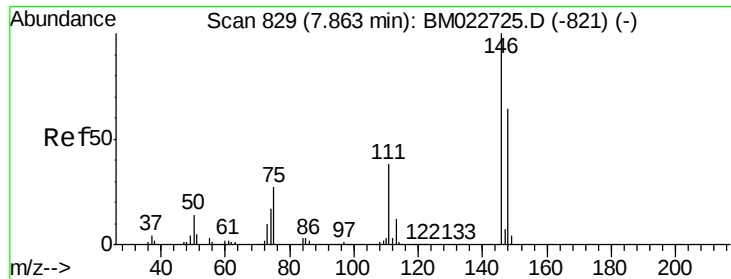
mohammad
9/26/2019 3:54:44 PM



#12
1,3-Dichlorobenzene
Concen: 41.339 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion:	146	Resp:	786744
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.3	76.9
75	28.3	22.5	33.7





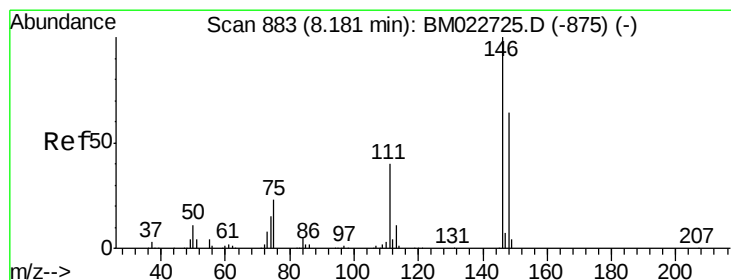
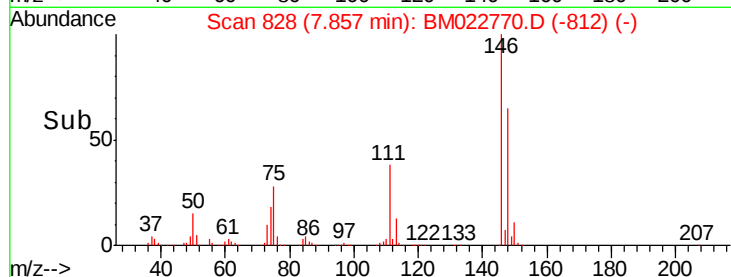
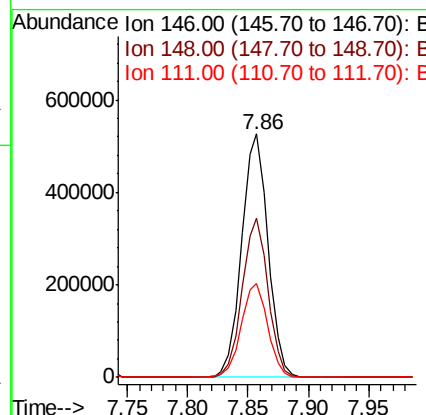
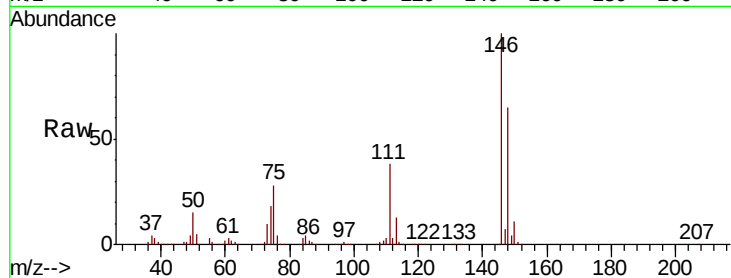
#13
 1,4-Dichlorobenzene
 Concen: 41.514 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Instrument :
 BNA_M
 ClientSampleId :
 PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	799853		
148	65.1		51.4	77.0
111	38.4		30.9	46.3

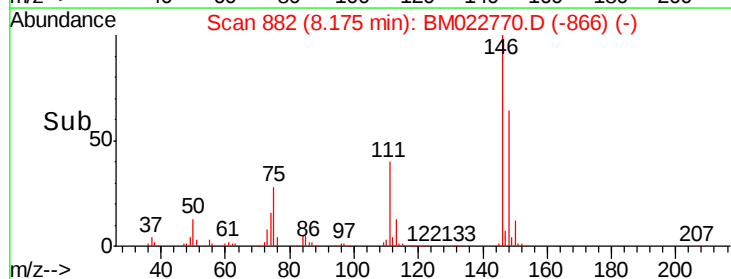
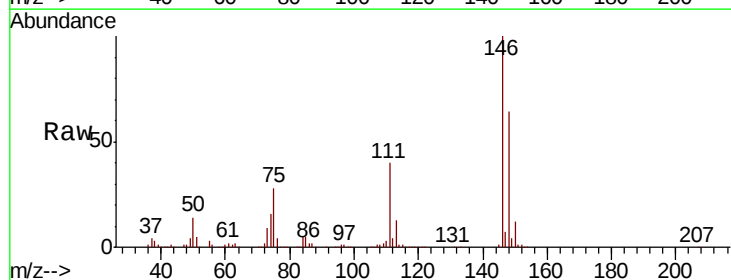
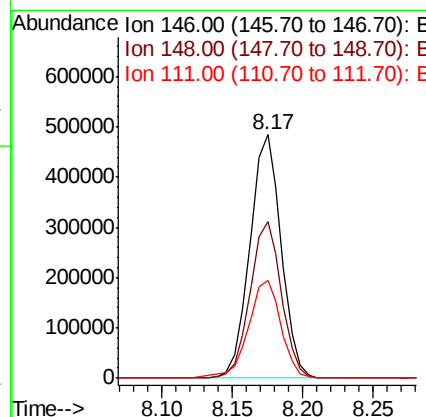
Manual Integrations
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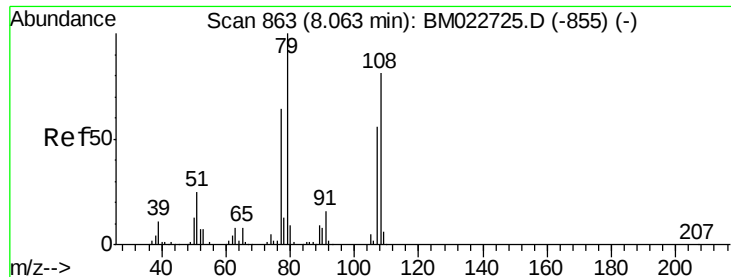
mohammad
 9/26/2019 3:54:44 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.894 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	751175		
148	64.4		51.3	76.9
111	40.3		32.3	48.5





#15

Benzyl Alcohol

Concen: 42.830 ng

RT: 8.06 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

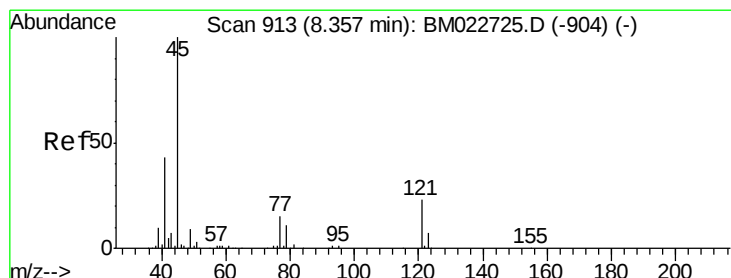
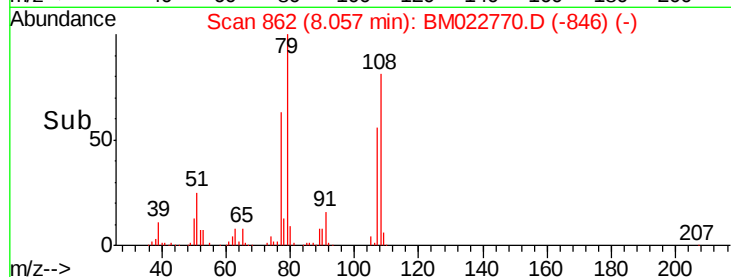
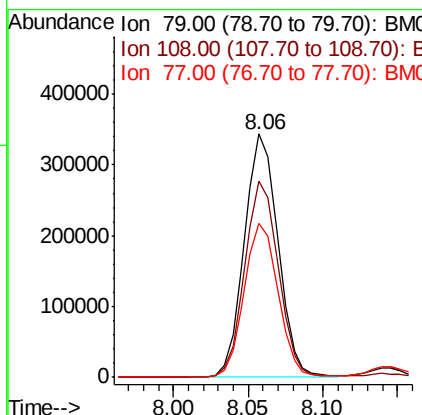
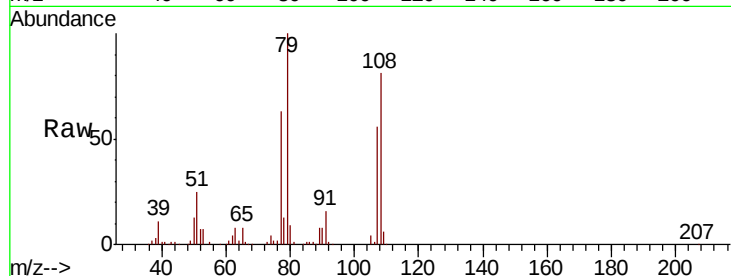
ClientSampleId :

PB123301BS

Tot Ion:	79	Resp:	537969
Ion Ratio	Lower	Upper	
79	100		
108	80.6	64.9	97.3
77	63.1	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.862 ng

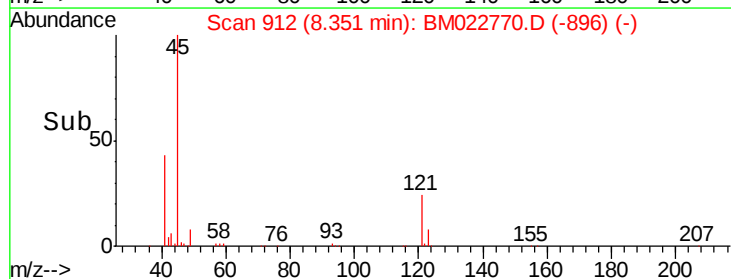
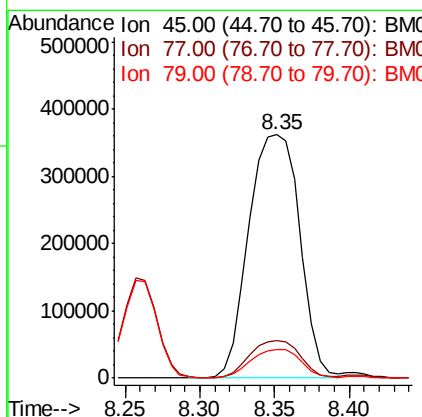
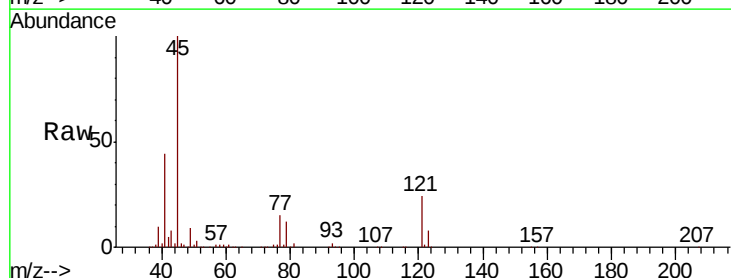
RT: 8.35 min Scan# 912

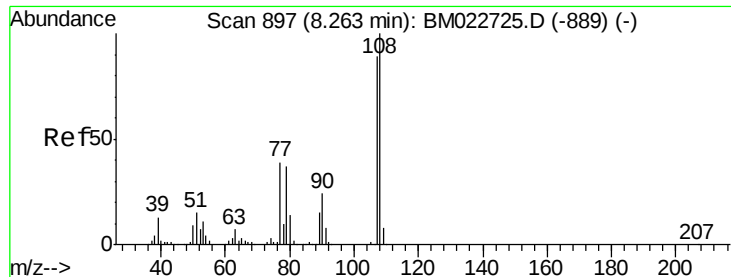
Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Tgt Ion:	45	Resp:	859756
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	35.1
79	11.7	0.0	31.4





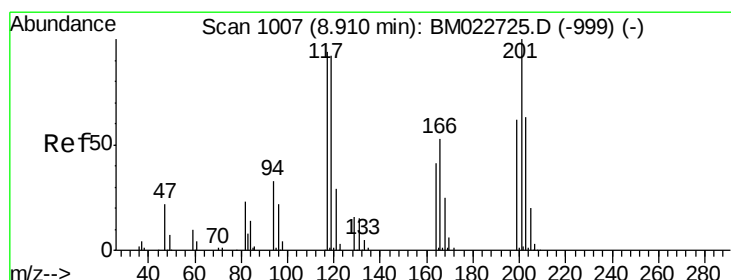
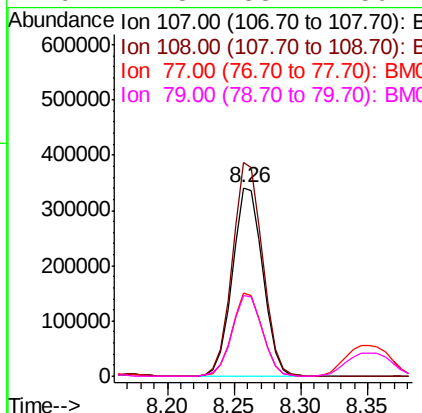
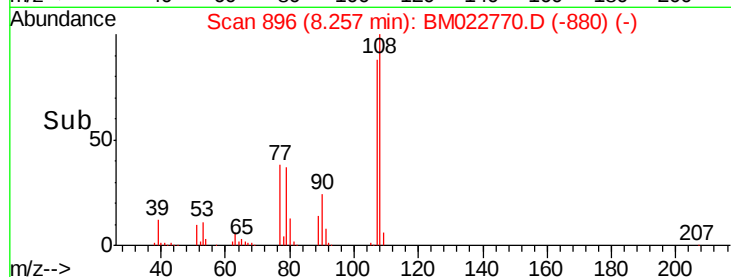
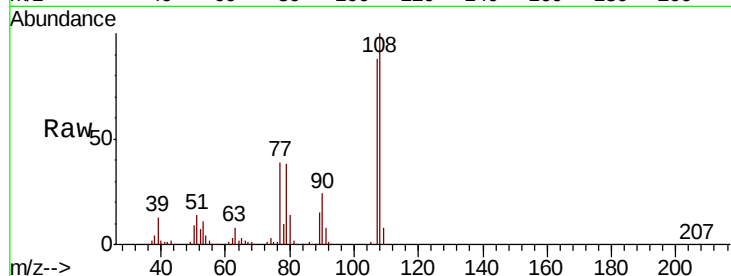
#17
2-Methylphenol
Concen: 43.146 ng
RT: 8.26 min Scan# 896
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	90.0	135.0	
77	44.0	35.2	52.8	
79	42.8	33.4	50.2	

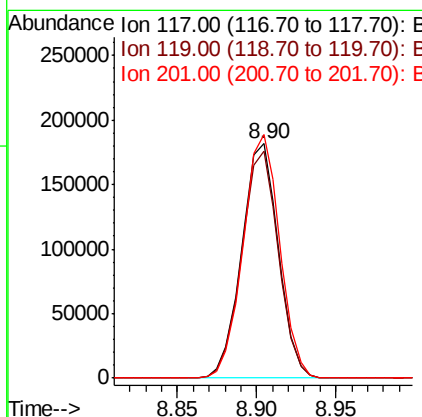
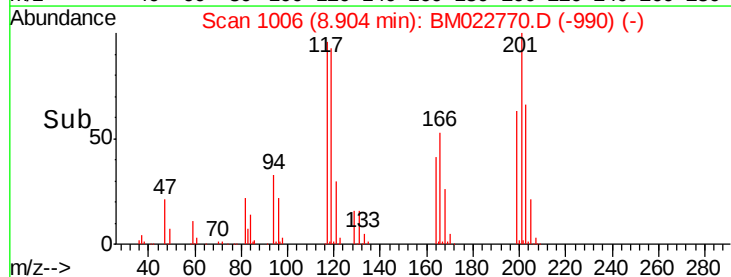
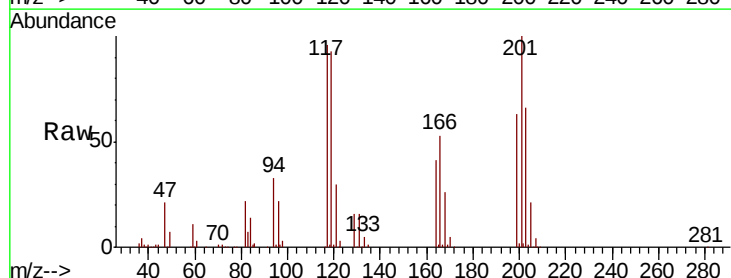
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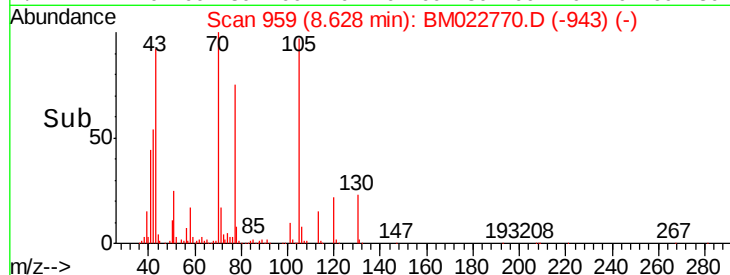
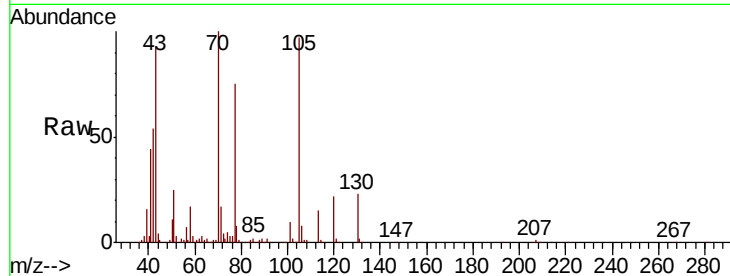
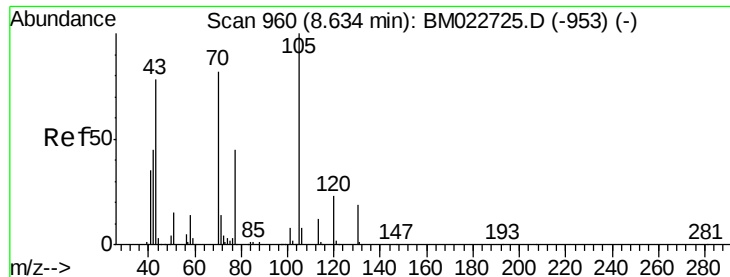
mohammad
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#18
Hexachloroethane
Concen: 41.383 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	78.0	117.0	
201	103.8	85.0	127.6	





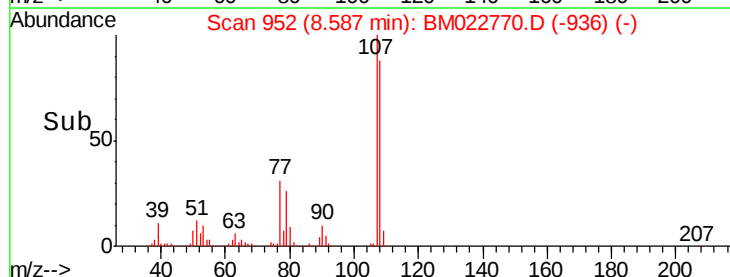
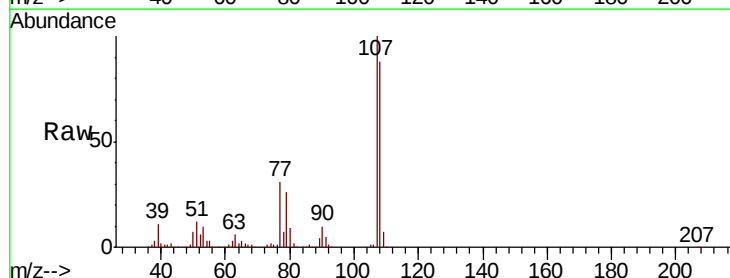
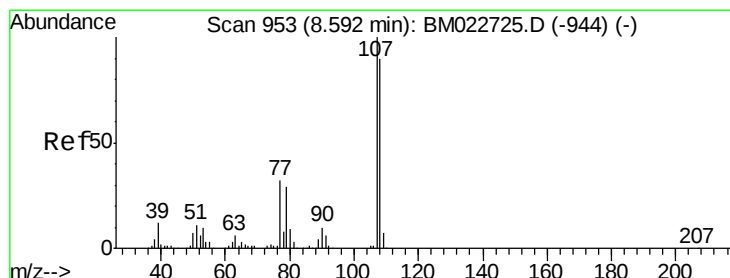
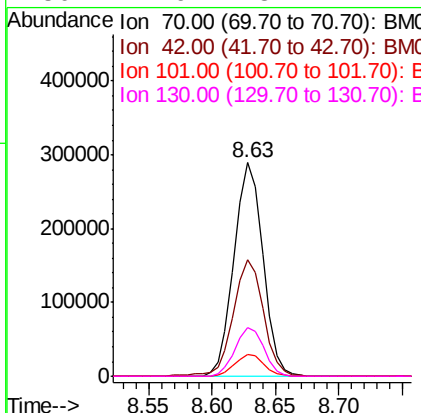
#19
n-Nitroso-di-n-propylamine
Concen: 40.834 ng
RT: 8.63 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		457725		
42	54.4	44.4	66.6		
101	10.3	7.8	11.6		
130	22.9	18.2	27.4		

Instrument :
BNA_M
ClientSampleId :
PB123301BS

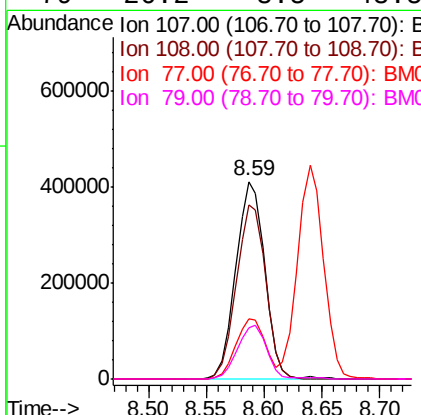
Manual Integrations
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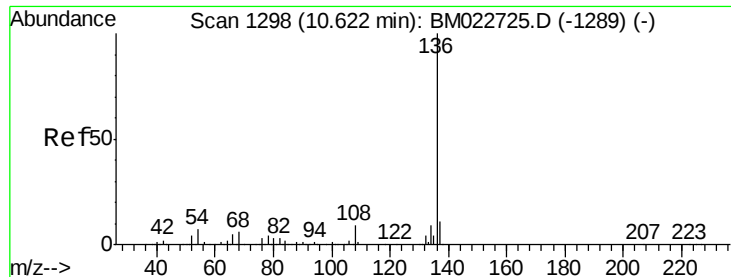
mohammad
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#20
3+4-Methylphenols
Concen: 42.987 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		716204		
108	88.4	70.1	110.1		
77	30.8	12.1	52.1		
79	26.2	8.5	48.5		





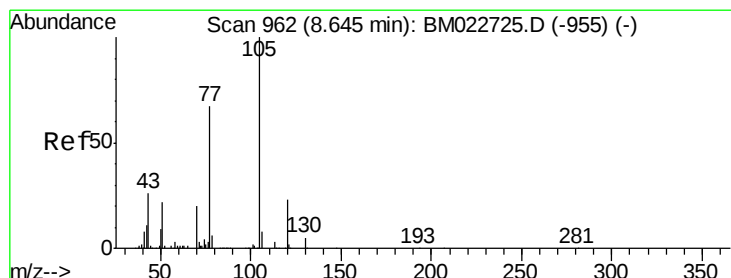
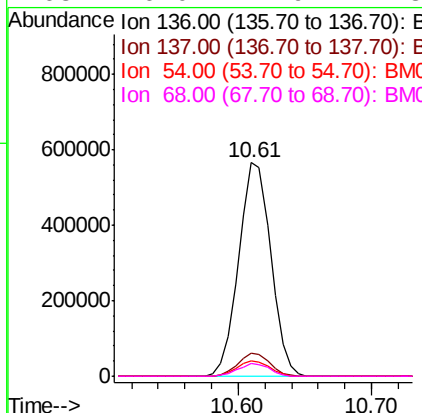
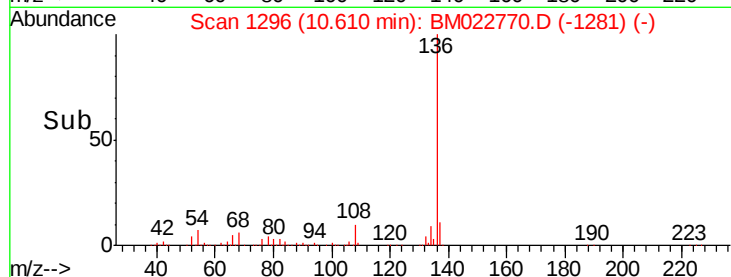
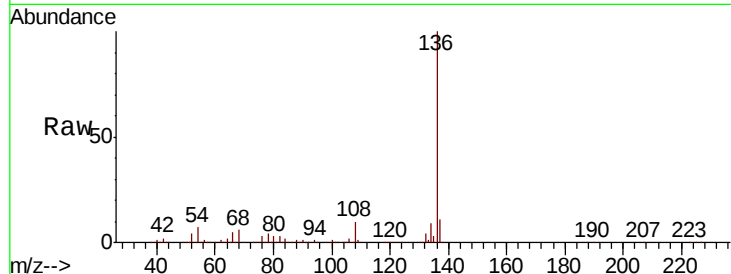
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	944123		
137	10.9	8.6	13.0	
54	7.3	6.0	9.0	
68	6.0	4.9	7.3	

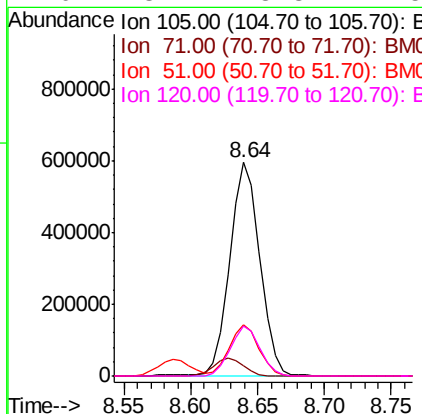
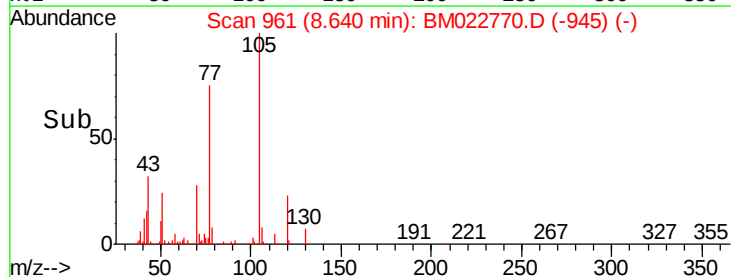
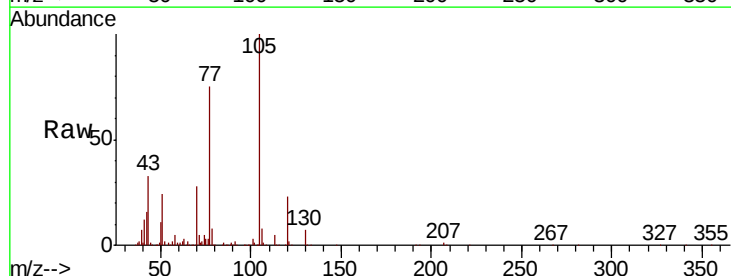
Manual Integrations
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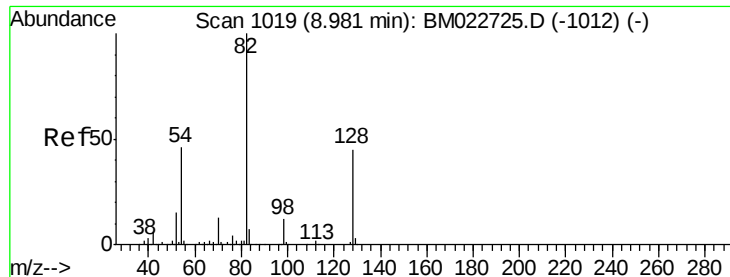
mohammad
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#22
Acetophenone
Concen: 39.930 ng
RT: 8.64 min Scan# 961
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	930558		
71	4.6	2.7	4.1#	
51	24.0	19.9	29.9	
120	23.1	18.3	27.5	





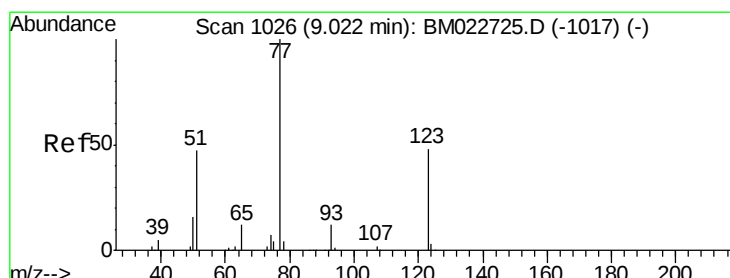
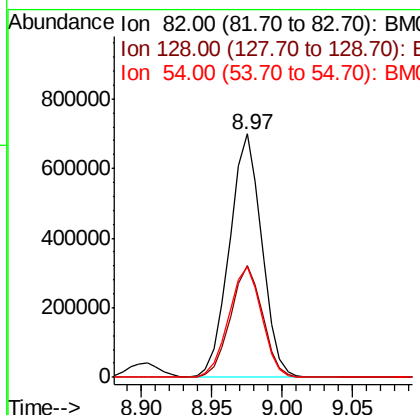
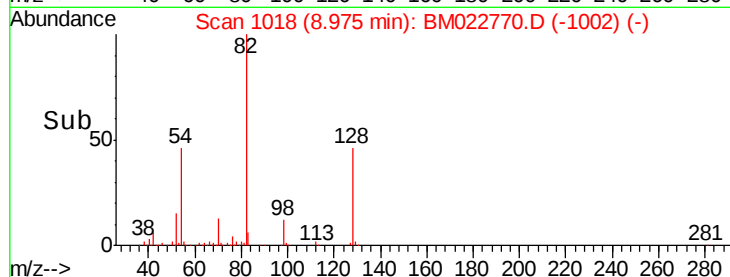
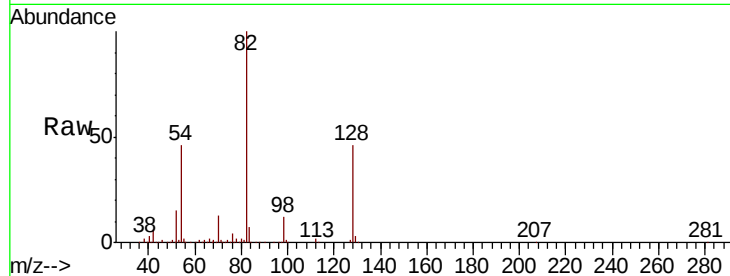
#23
 Nitrobenzene-d5
 Concen: 65.399 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Instrument :
 BNA_M
 ClientSampleId :
 PB123301BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.0	54.0
54	45.6	37.1	55.7

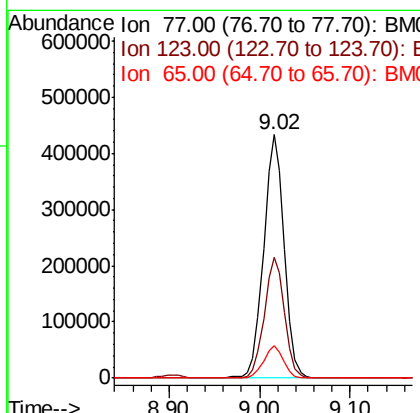
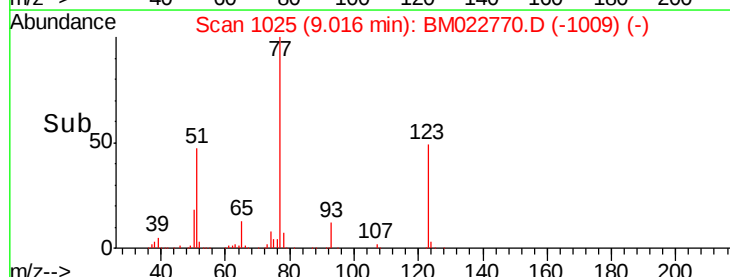
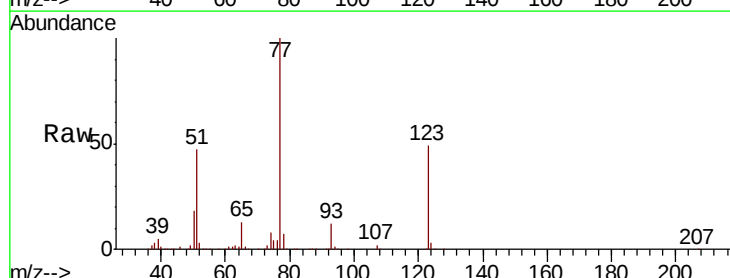
Manual Integrations
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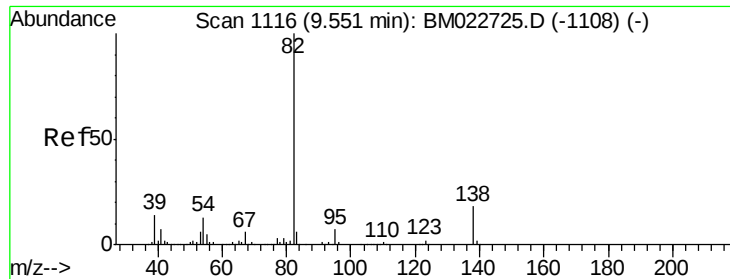
mohammad
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#24
 Nitrobenzene
 Concen: 42.004 ng
 RT: 9.02 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	38.0	57.0
65	13.1	10.0	15.0





#25

Isophorone

Concen: 43.302 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

PB123301BS

Tot Ion: 82 Resp: 1210972

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

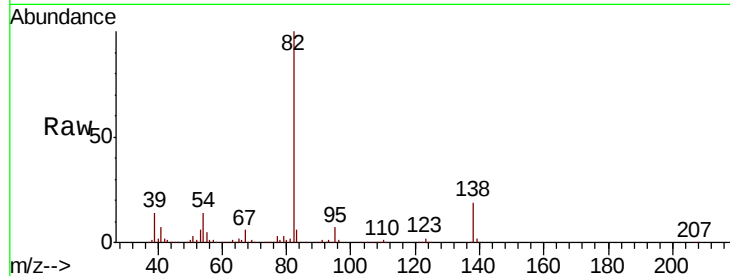
138 19.0 14.7 22.1

Manual Integrations

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Abundance Ion 82.00 (81.70 to 82.70): BM022725.D (-1108) (-)

Ion 95.00 (94.70 to 95.70): BM022725.D (-1108) (-)

Ion 138.00 (137.70 to 138.70): BM022725.D (-1108) (-)

9.55

800000

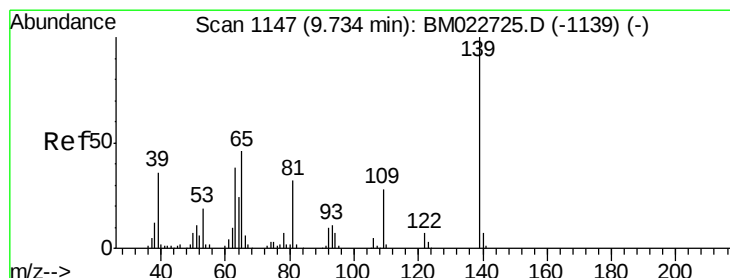
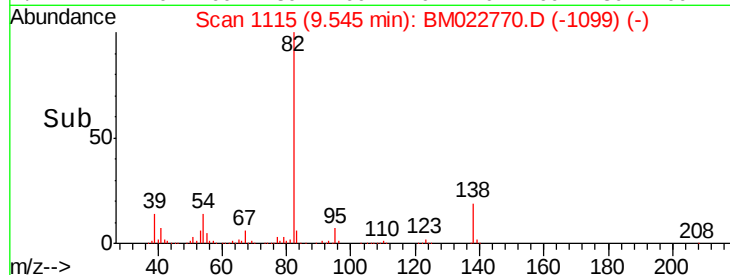
600000

400000

200000

0

Time-->



#26

2-Nitrophenol

Concen: 48.846 ng

RT: 9.73 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

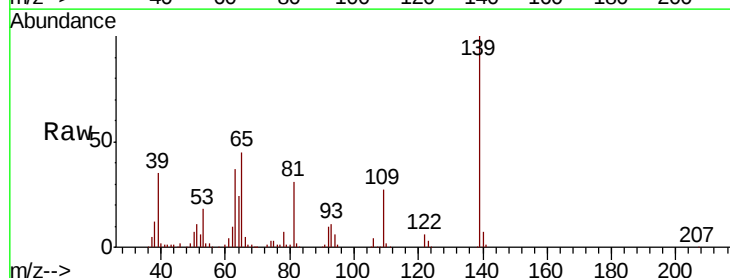
Tgt Ion: 139 Resp: 343153

Ion Ratio Lower Upper

139 100

109 27.5 22.6 33.8

65 45.1 37.0 55.4



Abundance Ion 139.00 (138.70 to 139.70): BM022725.D (-1139) (-)

Ion 109.00 (108.70 to 109.70): BM022725.D (-1139) (-)

Ion 65.00 (64.70 to 65.70): BM022725.D (-1139) (-)

9.73

250000

200000

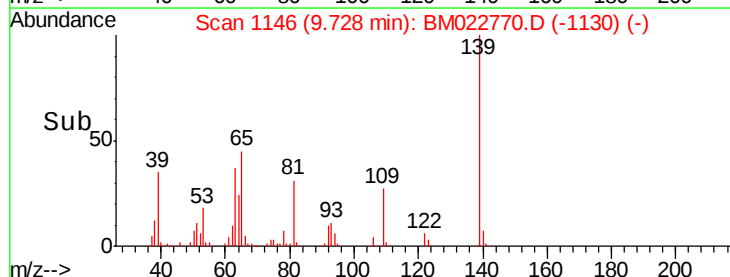
150000

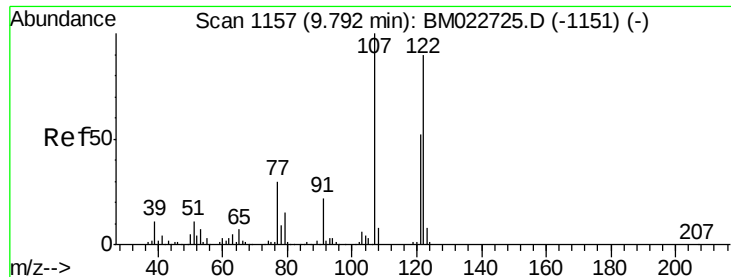
100000

50000

0

Time-->





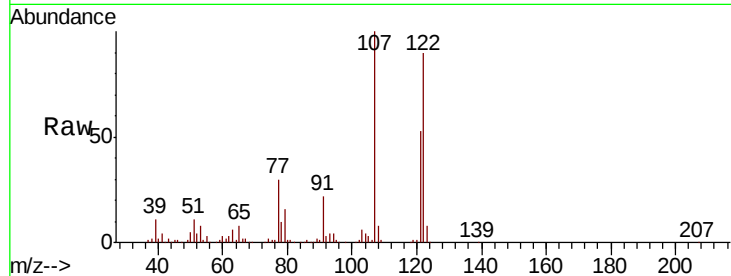
#27
 2,4-Dimethylphenol
 Concen: 50.763 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Instrument :
 BNA_M
 ClientSampleId :
 PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	597014		
107	111.3		88.9	133.3
121	59.1		46.5	69.7

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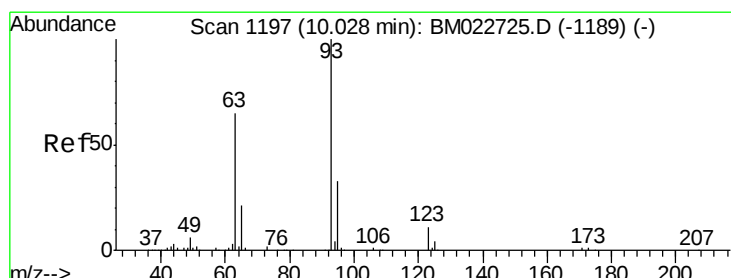
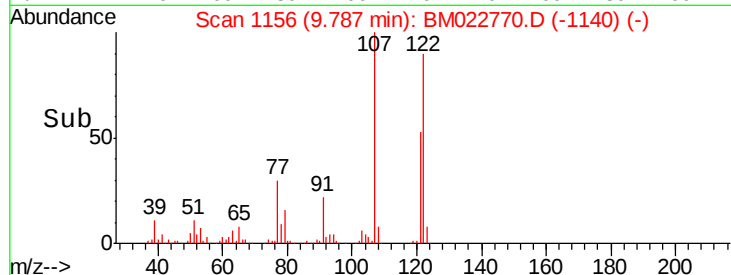
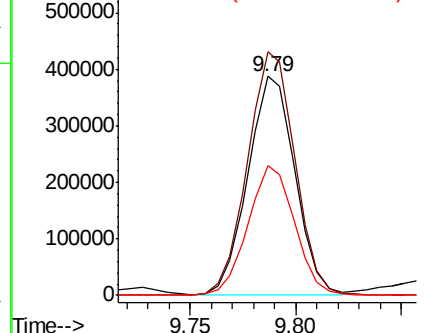


Abundance

Ion 122.00 (121.70 to 122.70): E

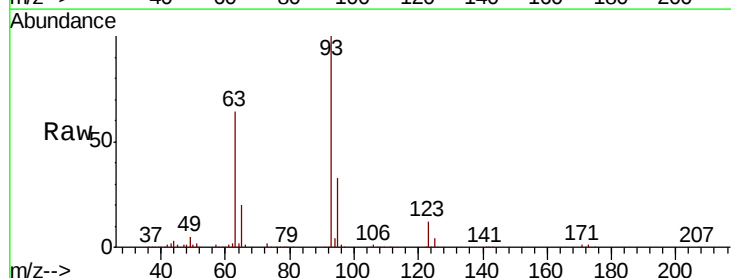
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.550 ng
 RT: 10.02 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	823422		
95	33.0		26.0	39.0
123	11.8		9.0	13.6

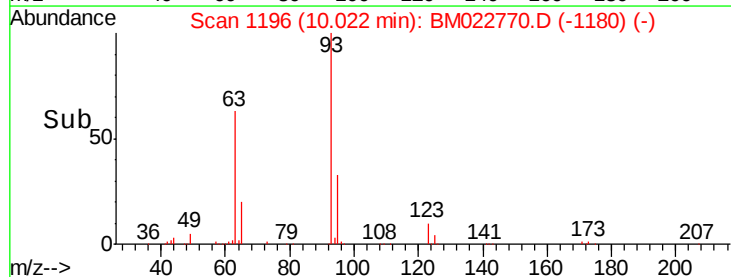
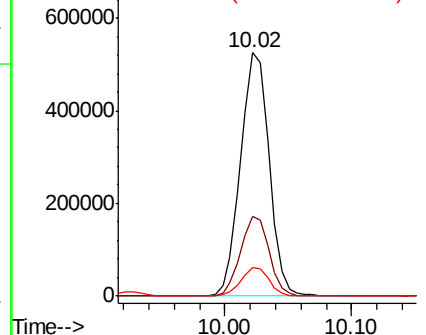


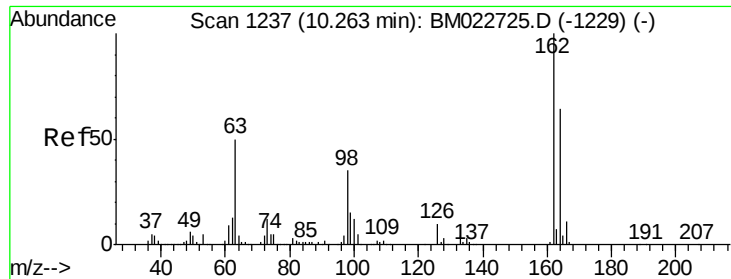
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





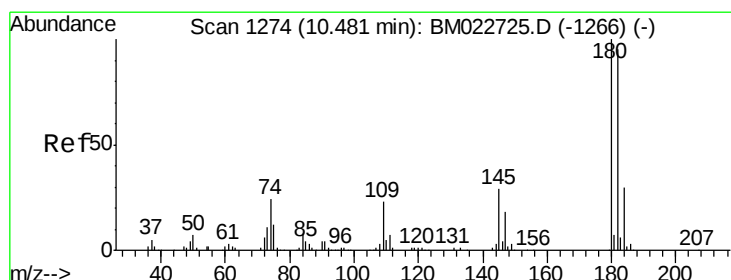
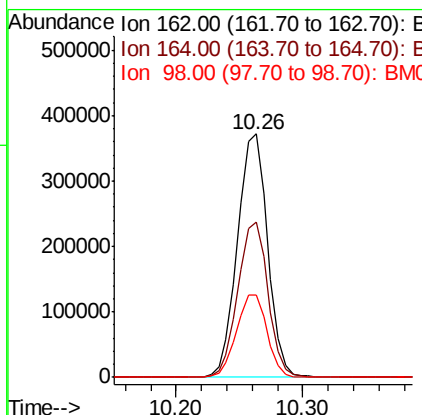
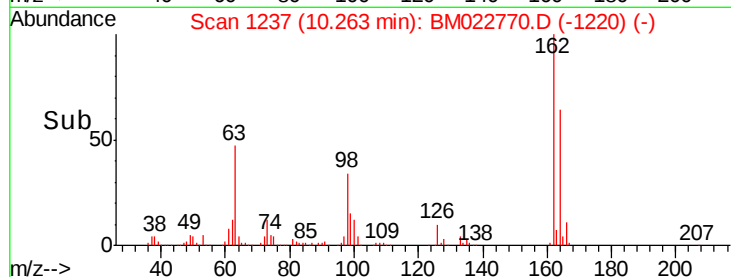
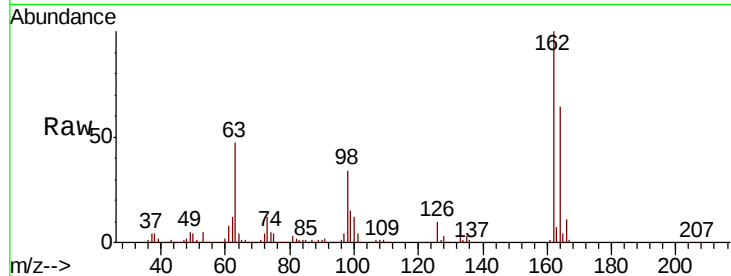
#29
2,4-Dichlorophenol
Concen: 46.100 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	612977		
164	64.0		44.4	84.4
98	33.6		14.8	54.8

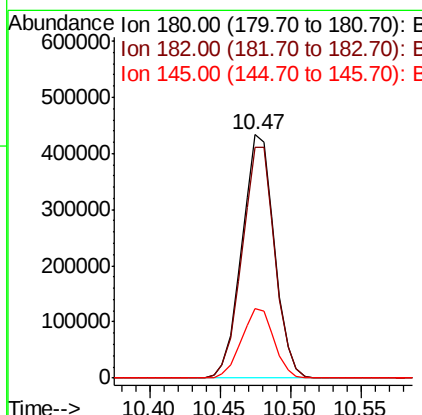
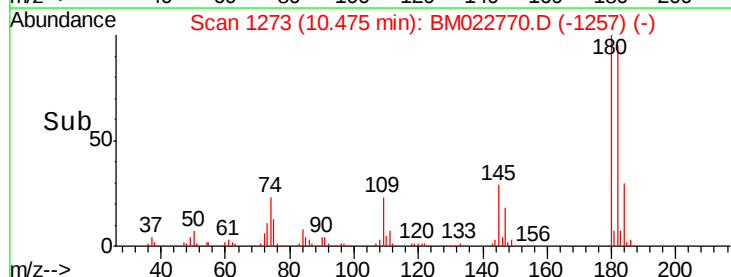
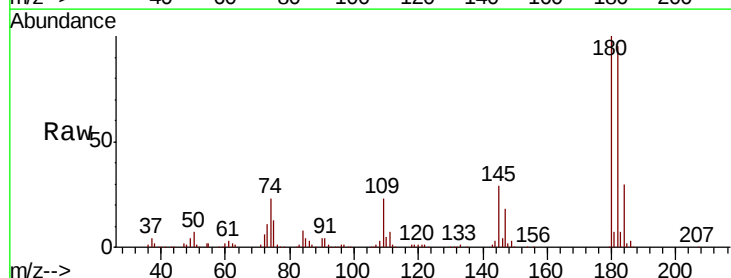
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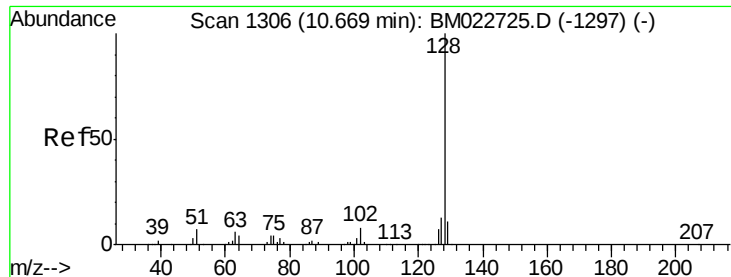
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#30
1,2,4-Trichlorobenzene
Concen: 42.638 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	697541		
182	95.0		76.2	114.2
145	28.8		23.0	34.4





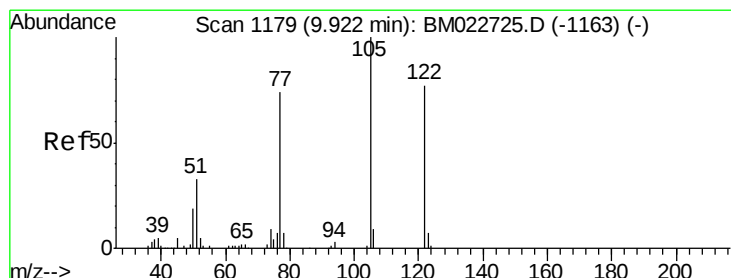
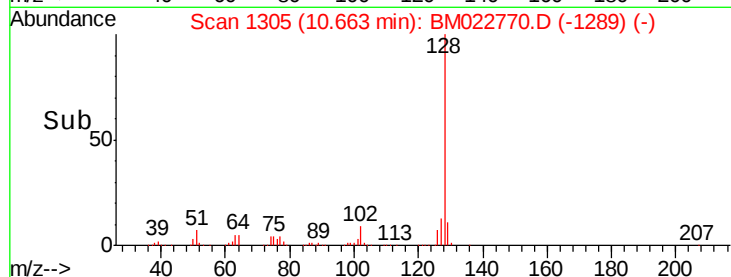
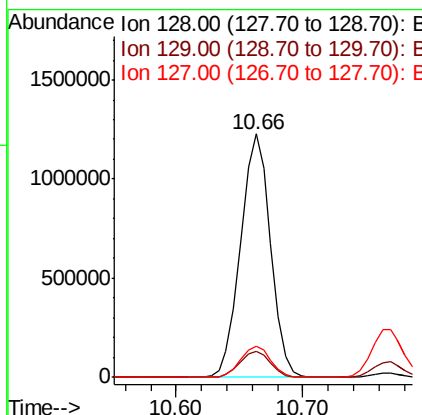
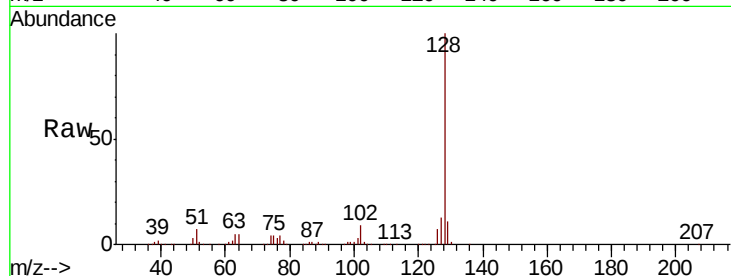
#31
Naphthalene
Concen: 42.972 ng
RT: 10.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.0	10.2	15.4

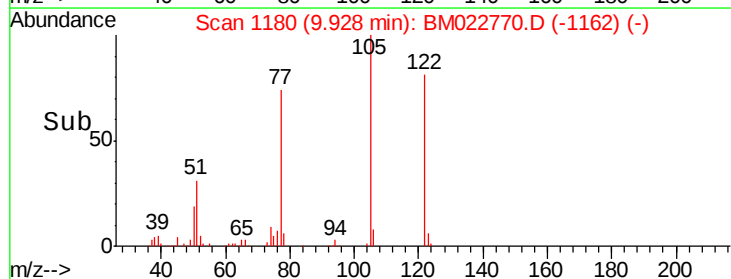
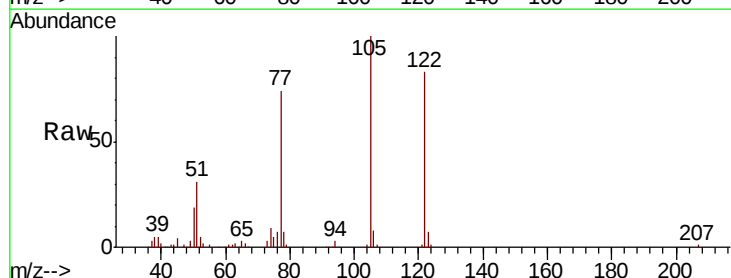
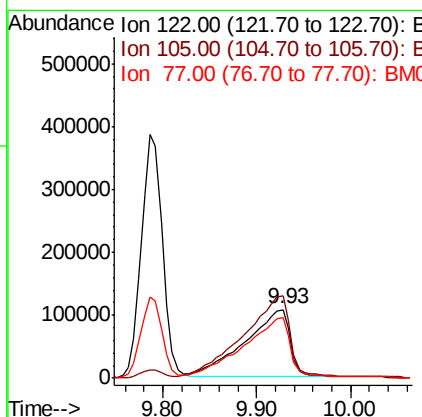
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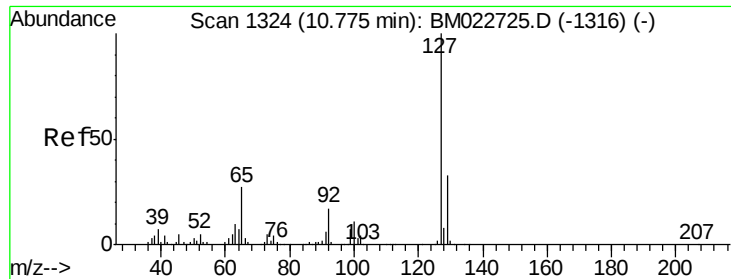
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#32
Benzoic acid
Concen: 43.903 ng
RT: 9.93 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.9	105.3	145.3
77	89.0	74.7	114.7





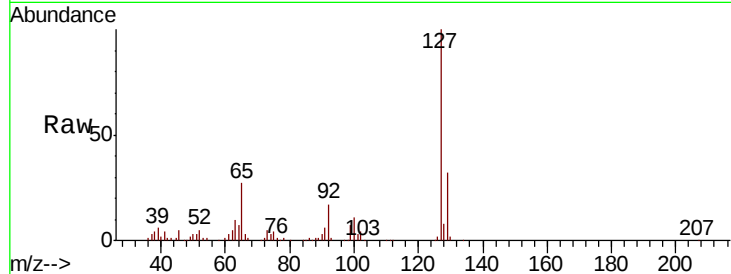
#33
4-Chloroaniline
Concen: 20.996 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :
PB123301BS

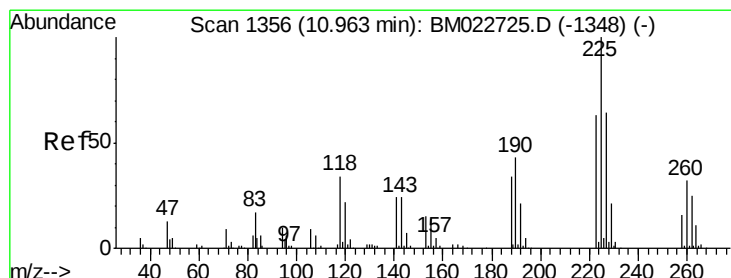
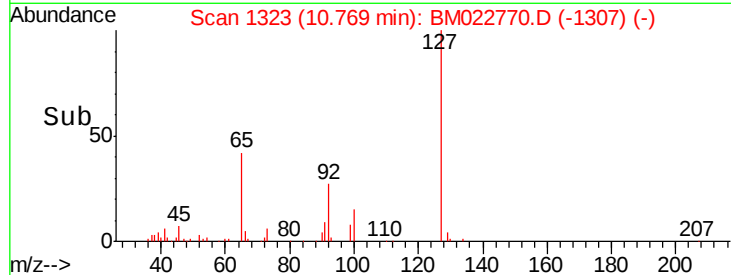
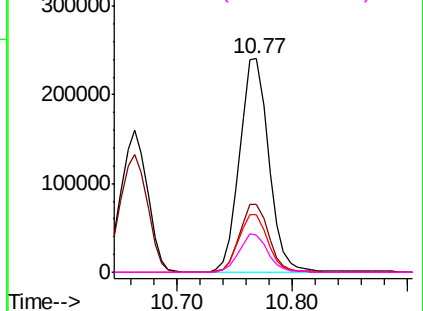
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.1	39.1		
65	26.8	22.0	33.0		
92	17.3	13.8	20.8		

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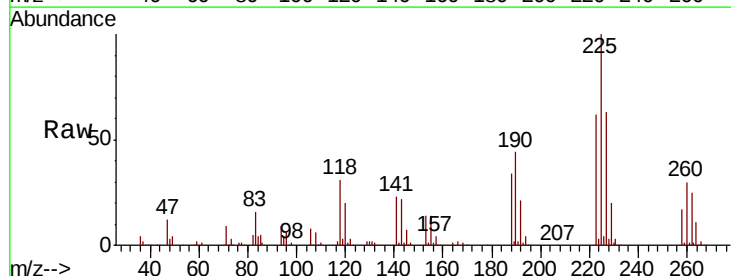


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

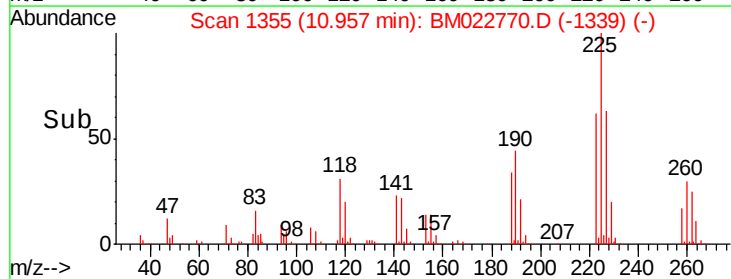
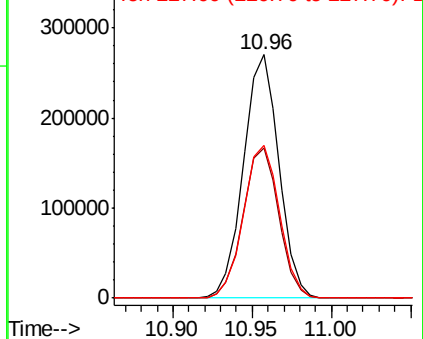


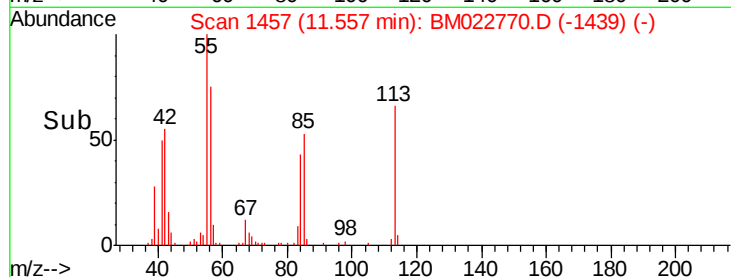
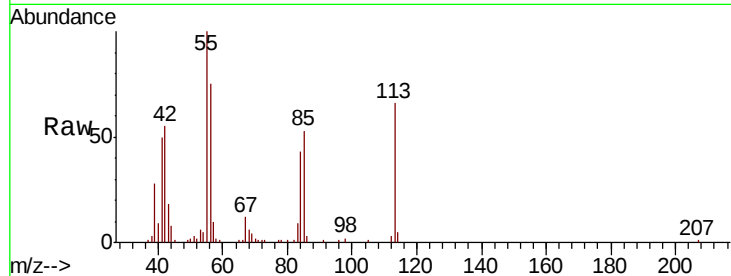
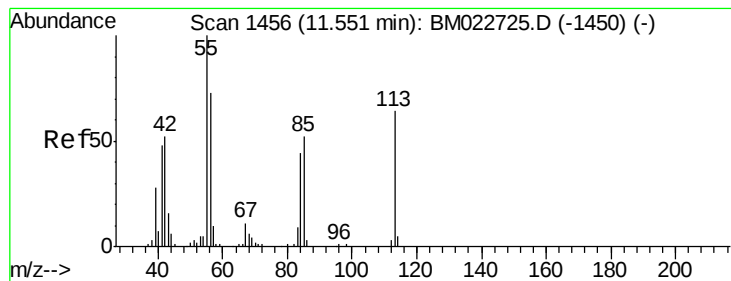
#34
Hexachlorobutadiene
Concen: 43.060 ng
RT: 10.96 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	50.2	75.4		
227	62.8	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: 39.541 ng/mL

RT: 11.56 min Scan# 1457

Delta R.T. 0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

PB123301BS

Tot Ion:113 Resp: 155869

Ion Ratio Lower Upper

113 100

55 151.8 136.8 176.8

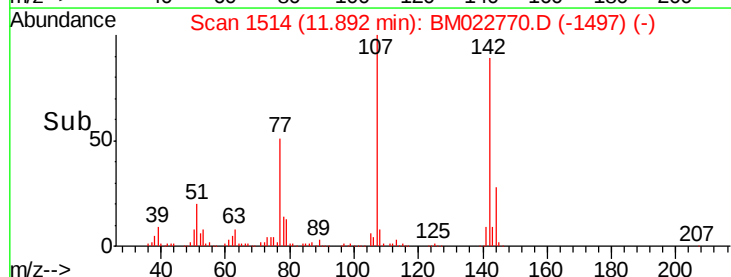
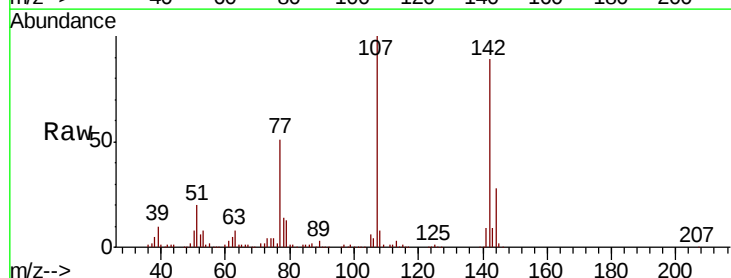
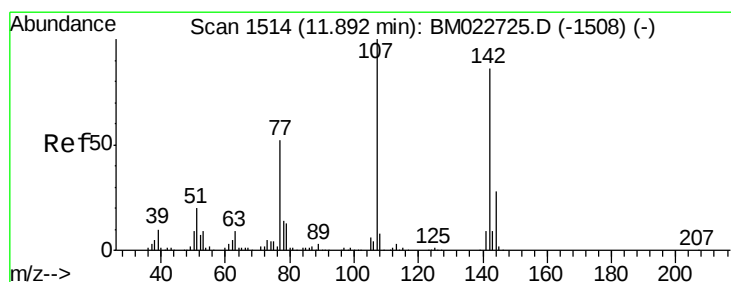
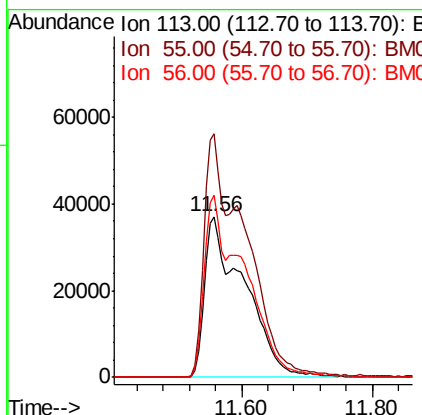
56 113.6 95.2 135.2

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#36

4-Chloro-3-methylphenol

Concen: 43.511 ng/mL

RT: 11.89 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

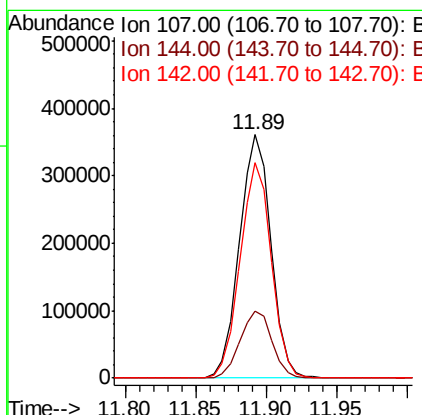
Tgt Ion:107 Resp: 564467

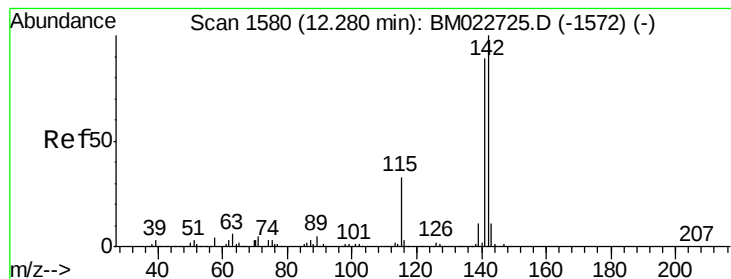
Ion Ratio Lower Upper

107 100

144 27.6 22.4 33.6

142 88.7 68.2 102.4





#37

2-Methylnaphthalene

Concen: 43.252 ng

RT: 12.27 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

PB123301BS

Tot Ion:142 Resp: 1404472

Ion Ratio Lower Upper

142 100

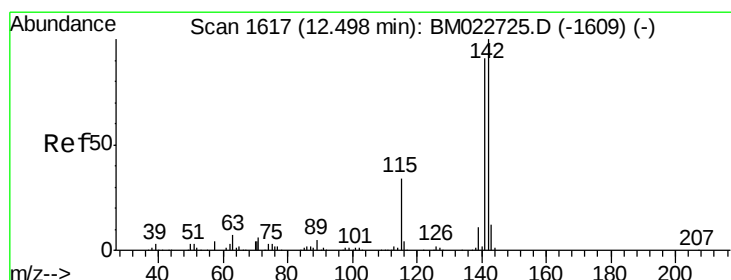
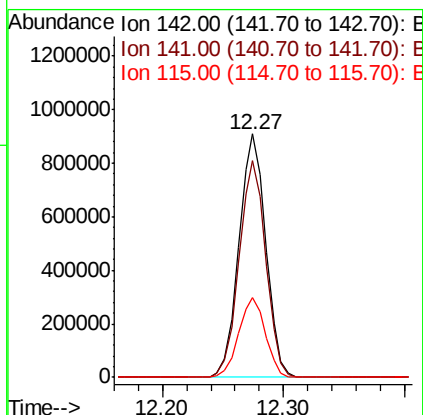
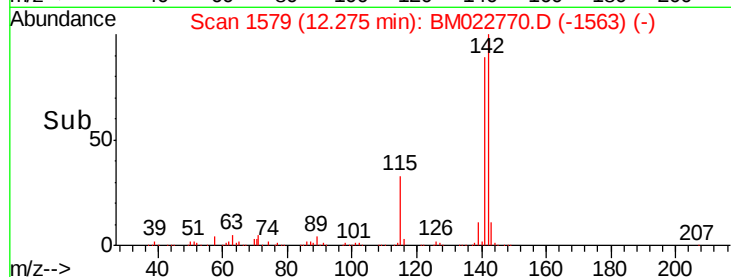
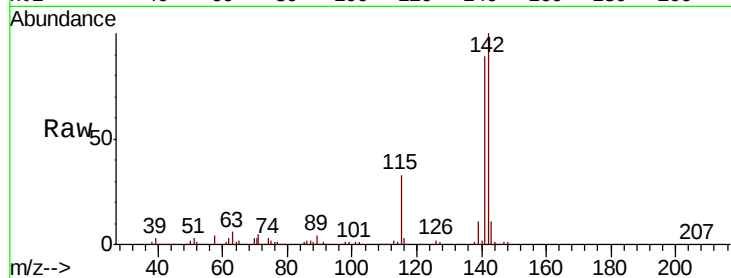
141 89.2 71.5 107.3

115 32.6 26.1 39.1

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#38

1-Methylnaphthalene

Concen: 42.212 ng

RT: 12.49 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

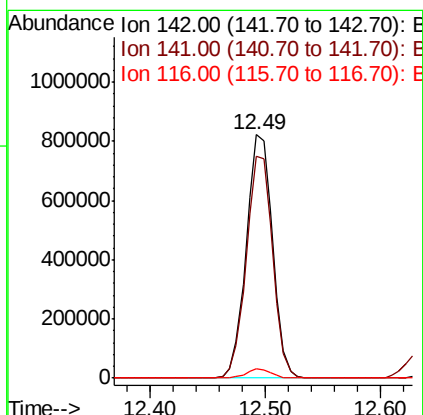
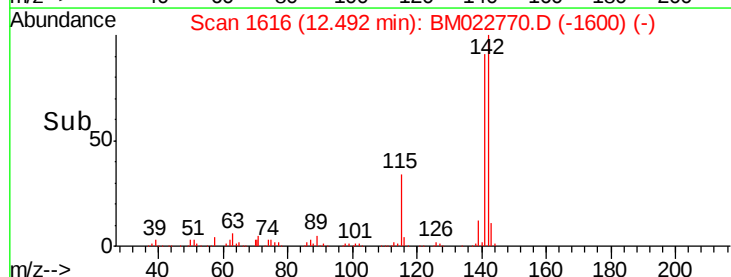
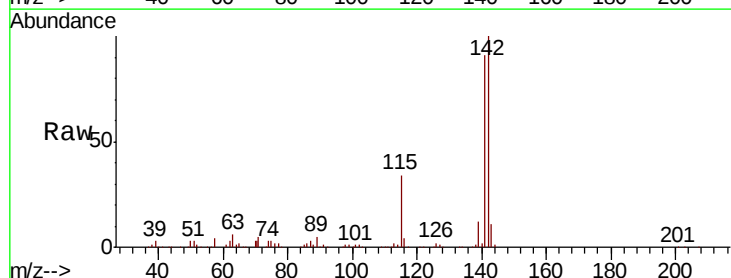
Tgt Ion:142 Resp: 1301103

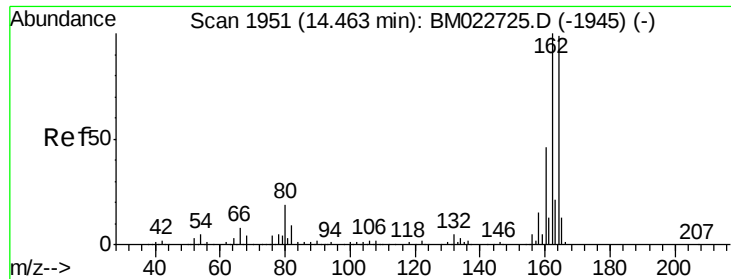
Ion Ratio Lower Upper

142 100

141 91.0 73.0 109.4

116 3.8 2.9 4.3





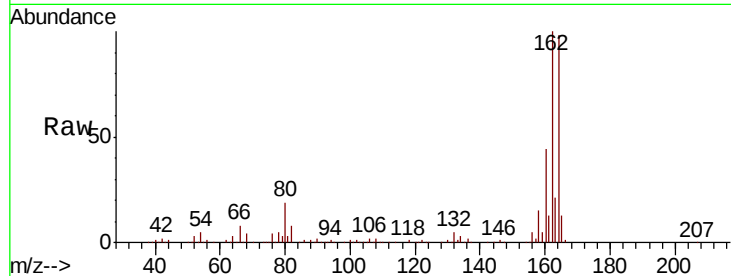
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	81.1	121.7	
160	45.2	36.9	55.3	

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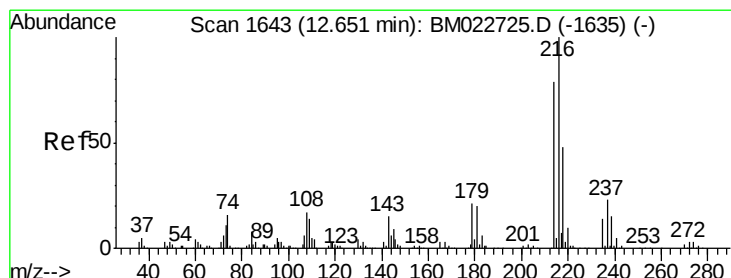
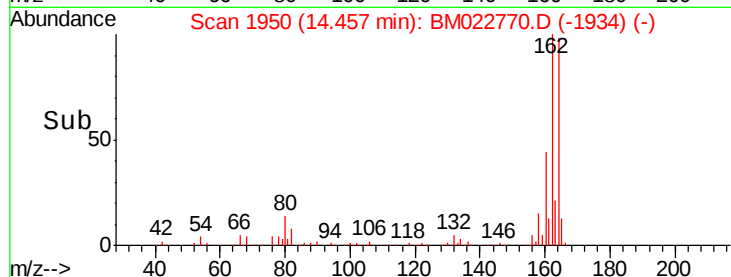
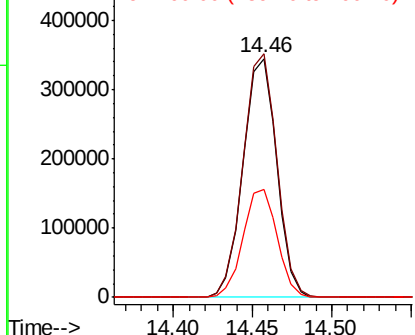


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.517 ng
RT: 12.65 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.7	62.9	94.3	
179	20.4	16.6	24.8	
108	19.5	14.2	21.4	

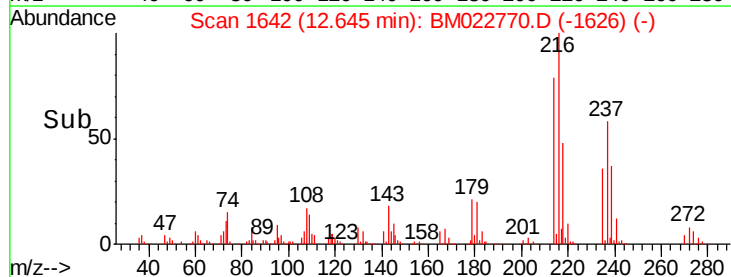
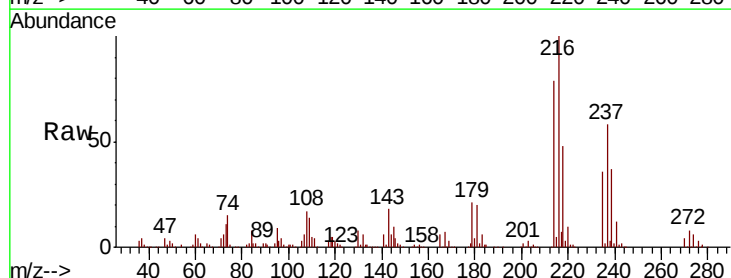
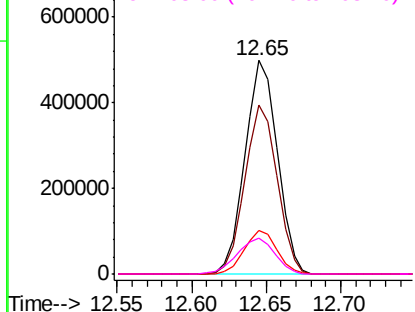
Abundance

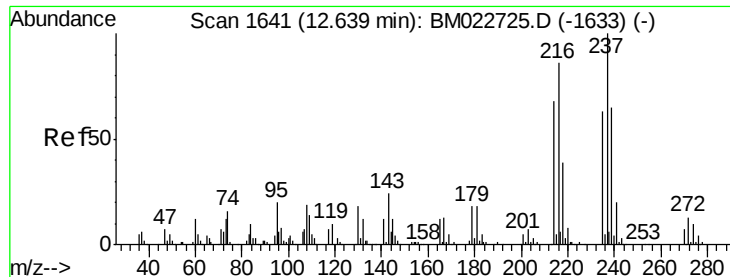
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 108.393 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

PB123301BS

Tot Ion:237 Resp: 1020252

Ion Ratio Lower Upper

237 100

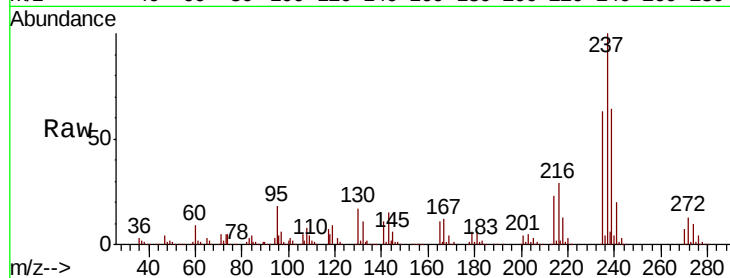
235 63.5 43.3 83.3

272 13.1 0.0 32.6

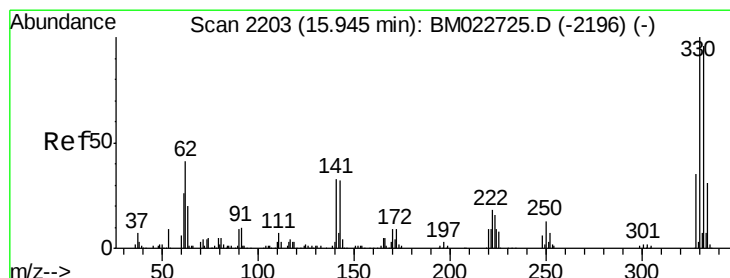
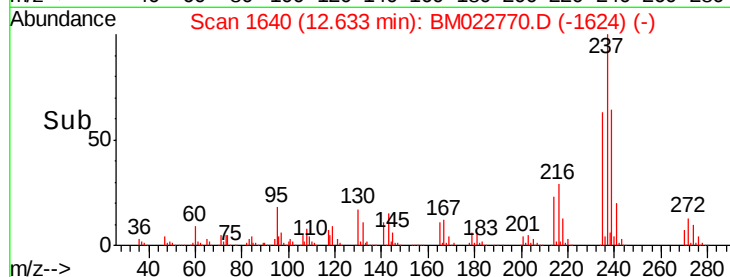
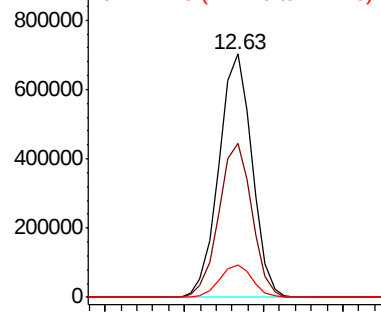
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 108.359 ng

RT: 15.94 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

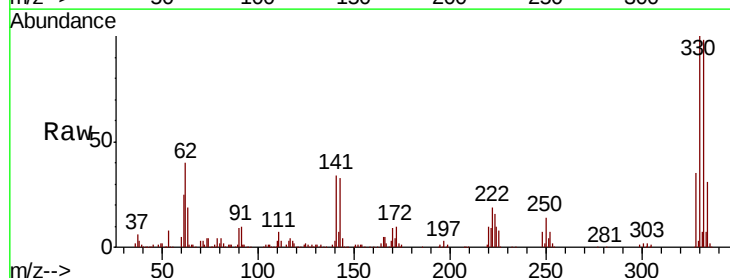
Tgt Ion:330 Resp: 688692

Ion Ratio Lower Upper

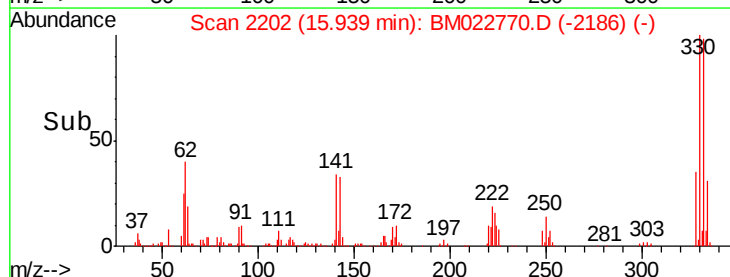
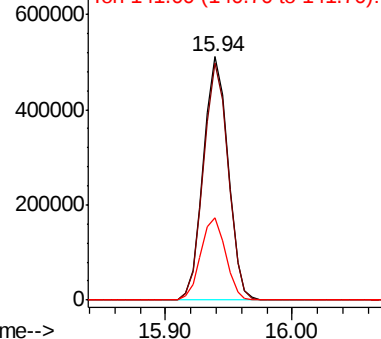
330 100

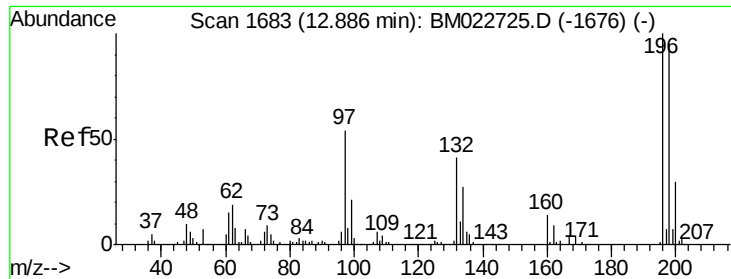
332 97.1 76.9 115.3

141 34.2 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





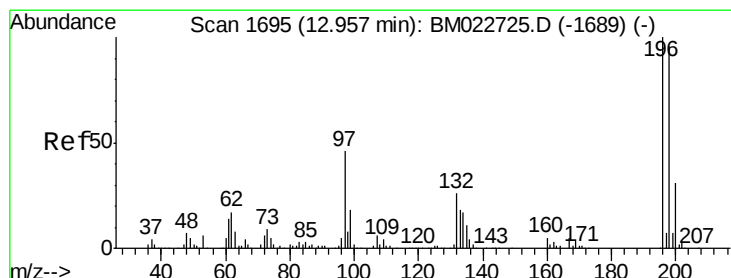
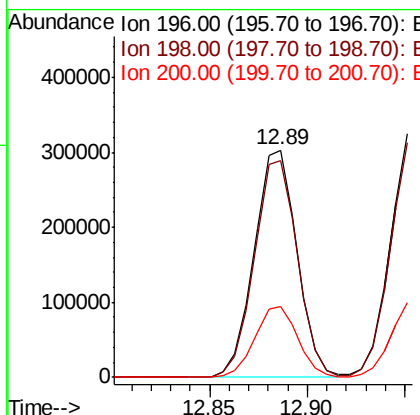
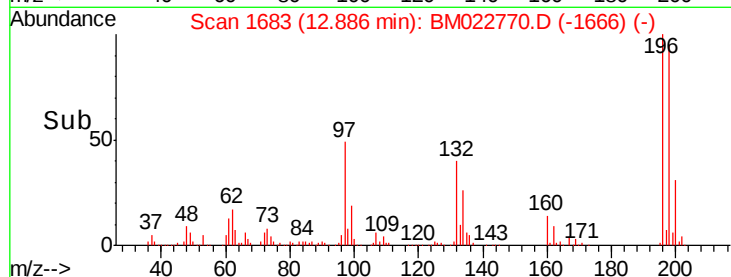
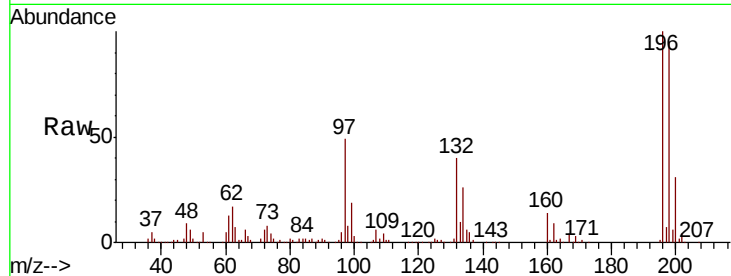
#43
 2,4,6-Trichlorophenol
 Concen: 46.276 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Instrument :
 BNA_M
 ClientSampleId :
 PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	460765		
198	95.5	76.3	114.5	
200	31.3	24.4	36.6	

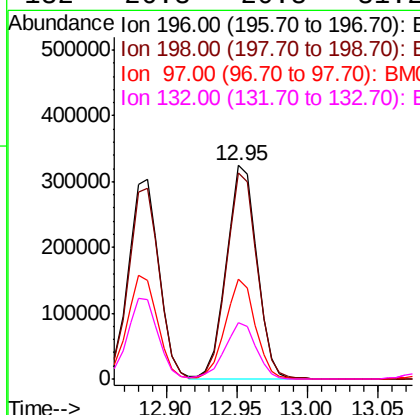
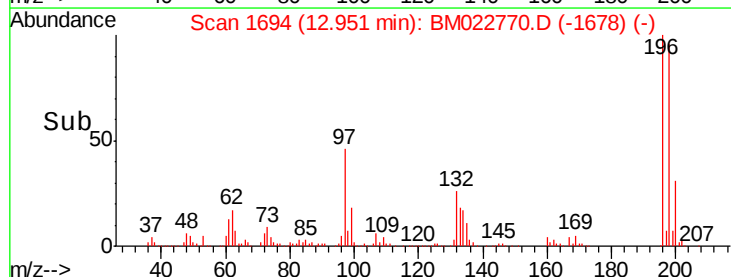
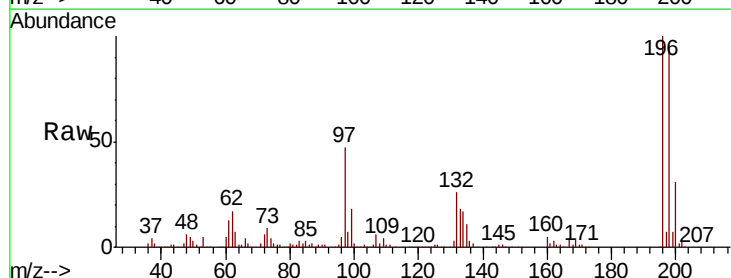
Manual Integrations
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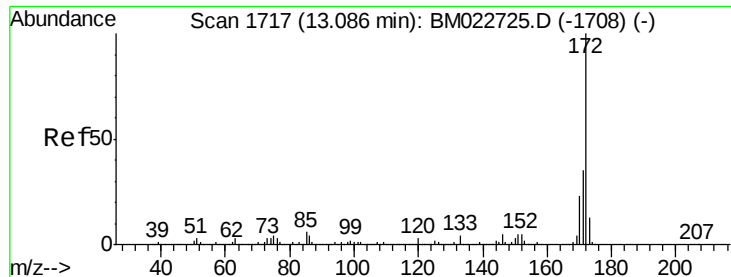
mohammad
 9/26/2019 3:54:44 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.879 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	486410		
198	96.3	77.0	115.4	
97	46.6	37.2	55.8	
132	26.3	20.8	31.2	





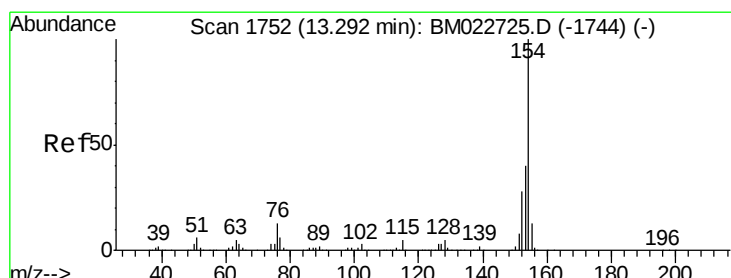
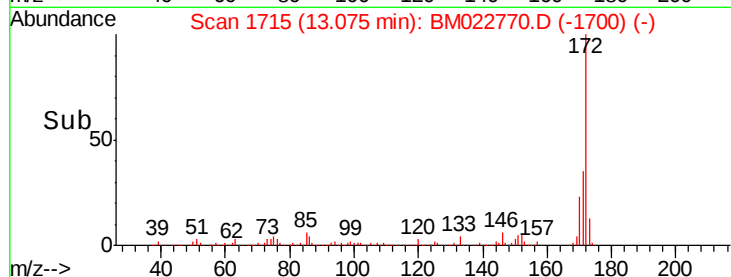
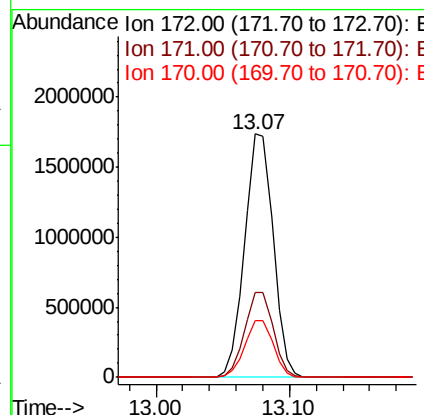
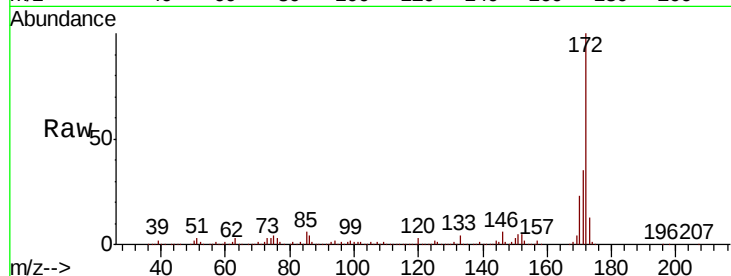
#45
2-Fluorobiphenyl
Concen: 69.277 ng
RT: 13.07 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	23.5	18.7	28.1

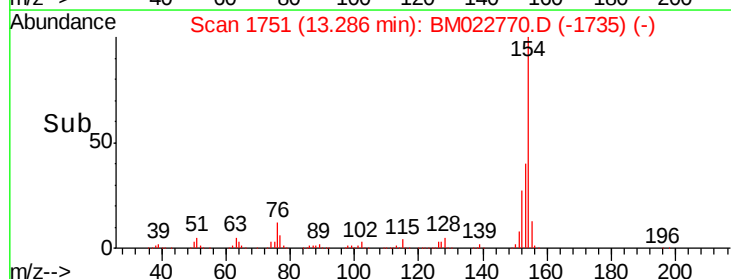
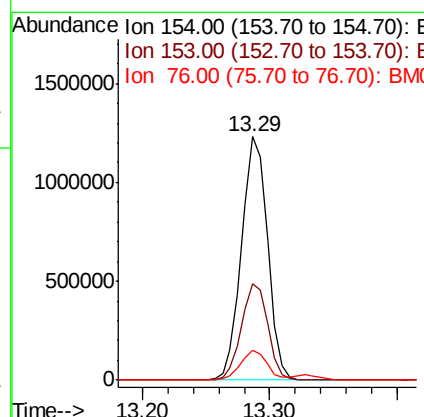
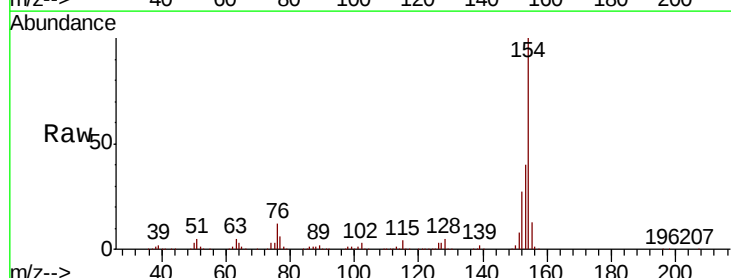
Manual Integrations
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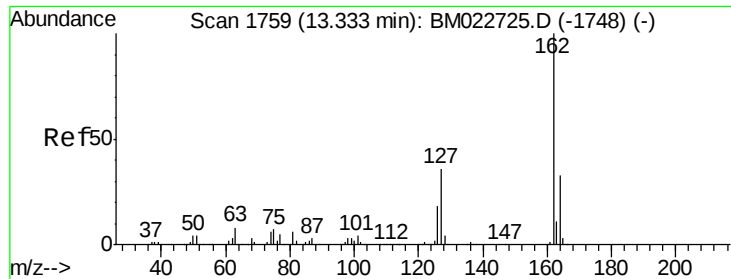
mohammad
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#46
1,1'-Biphenyl
Concen: 41.368 ng
RT: 13.29 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.1	60.1
76	12.2	0.0	32.6





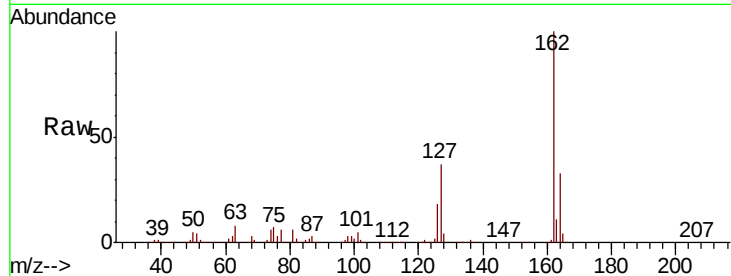
#47
 2-Chloronaphthalene
 Concen: 42.404 ng
 RT: 13.33 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Instrument :
 BNA_M
 ClientSampleId :
 PB123301BS

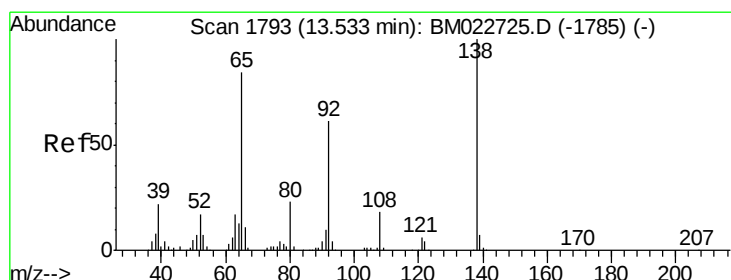
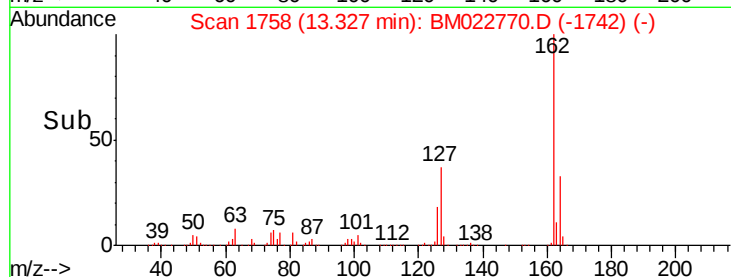
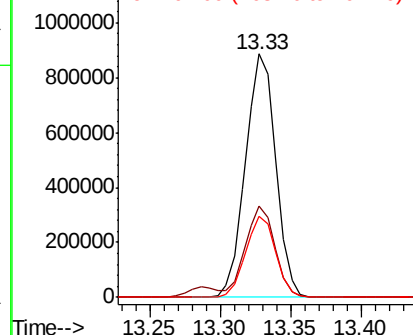
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	29.0	43.6
164	33.2	26.0	39.0

Manual Integrations
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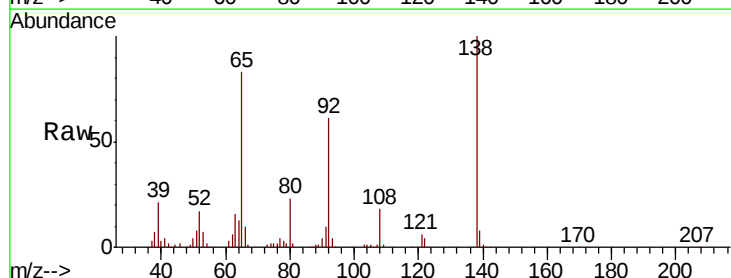


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

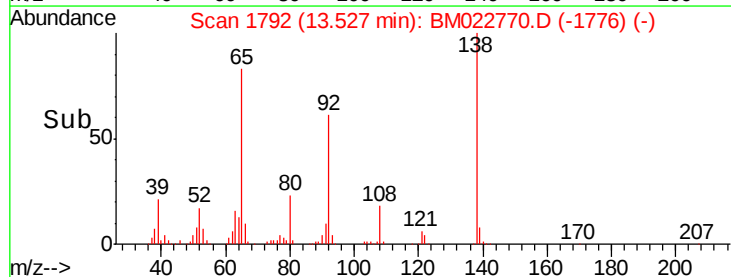
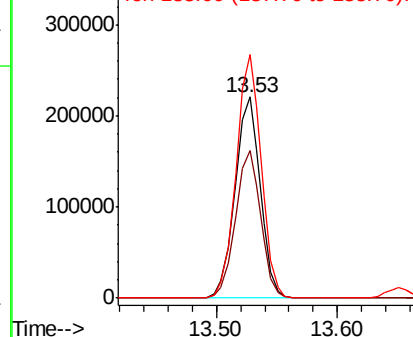


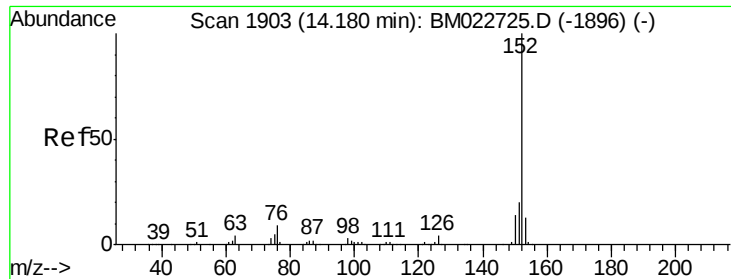
#48
 2-Nitroaniline
 Concen: 39.337 ng
 RT: 13.53 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	58.6	87.8
138	121.0	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: 44.045 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

PB123301BS

Tot Ion:152 Resp: 2048430

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

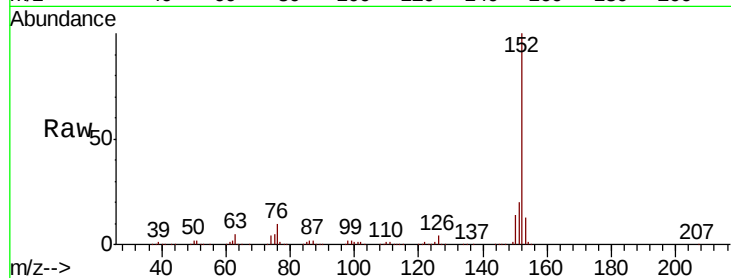
153 13.1 10.5 15.7

Manual Integrations

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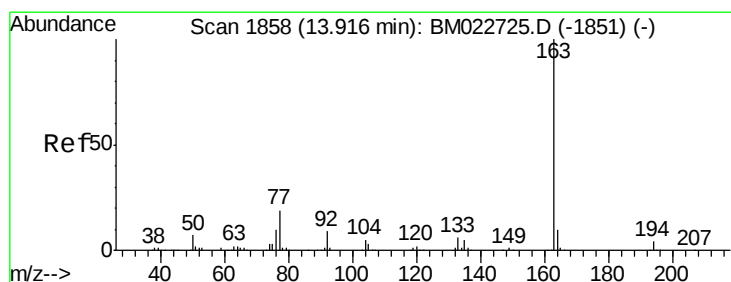
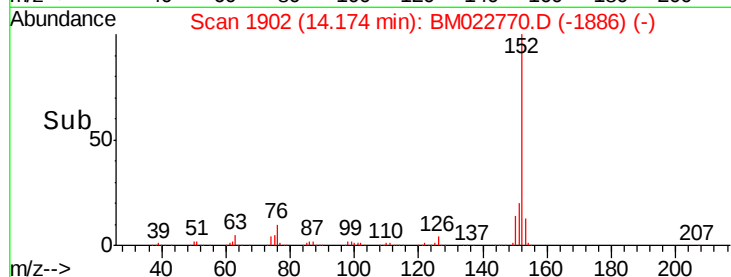
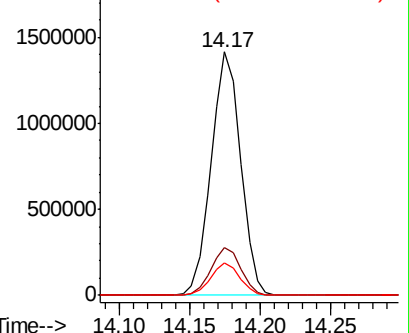
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.426 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

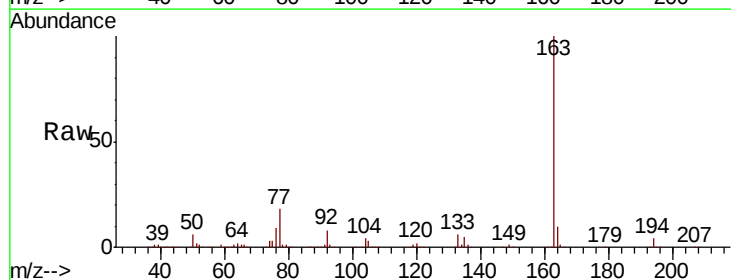
Tgt Ion:163 Resp: 1524208

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

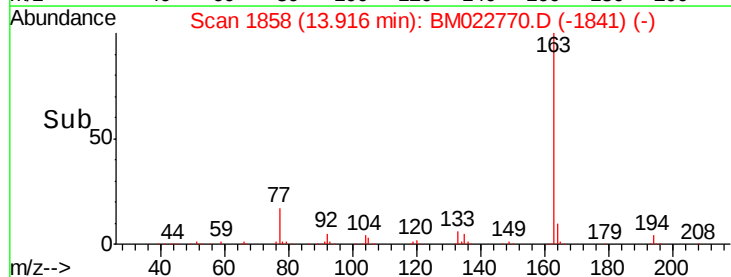
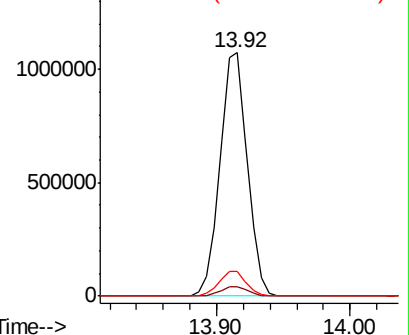
164 9.9 8.2 12.2

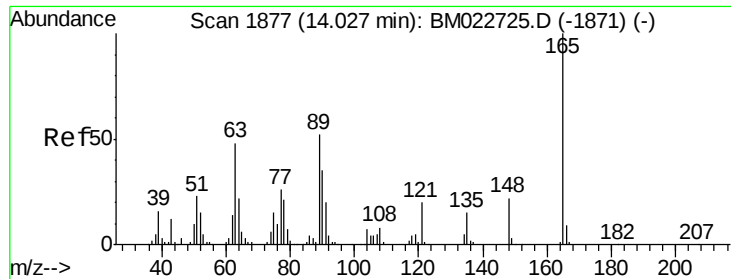


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





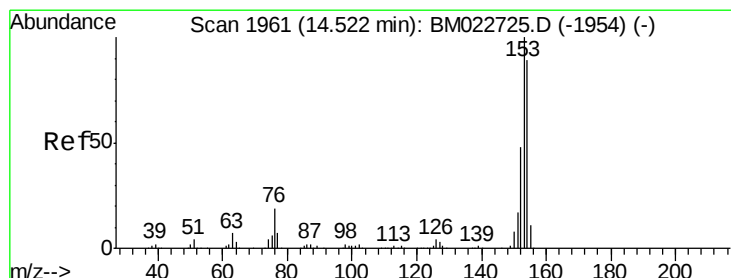
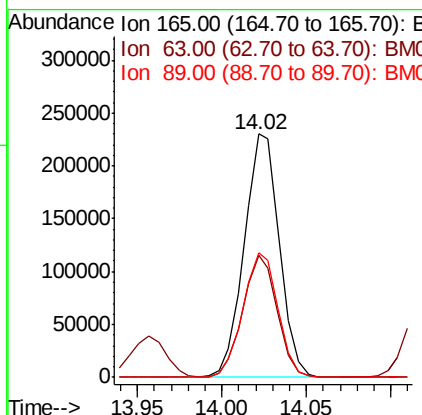
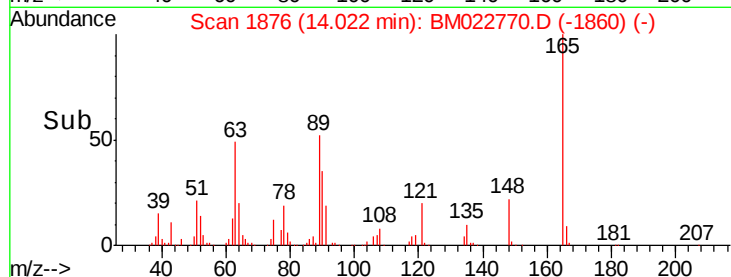
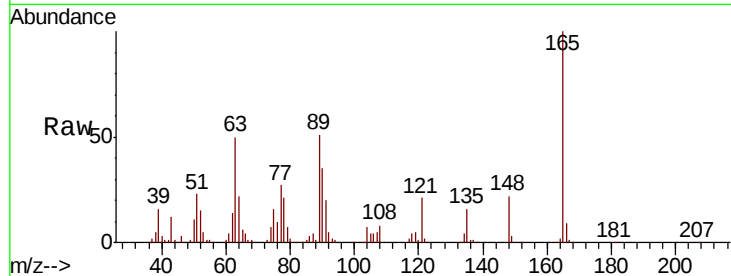
#51
 2,6-Dinitrotoluene
 Concen: 43.166 ng
 RT: 14.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Instrument :
 BNA_M
 ClientSampleId :
 PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	332215		
63	50.2		38.6	58.0
89	51.4		41.6	62.4

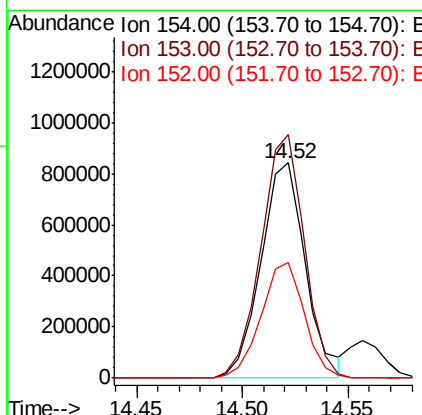
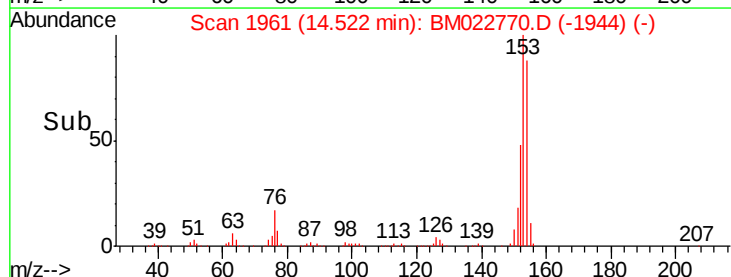
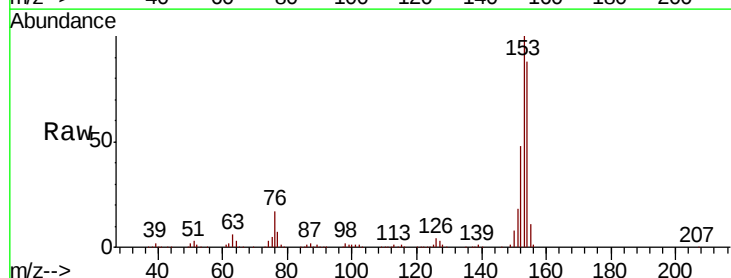
Manual Integrations
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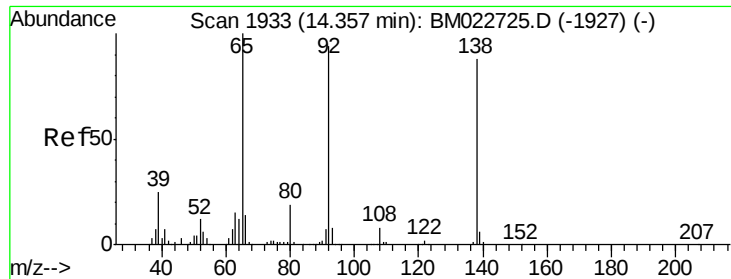
mohammad
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#52
 Acenaphthene
 Concen: 40.730 ng
 RT: 14.52 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1239292		
153	113.2		90.0	135.0
152	54.0		42.9	64.3





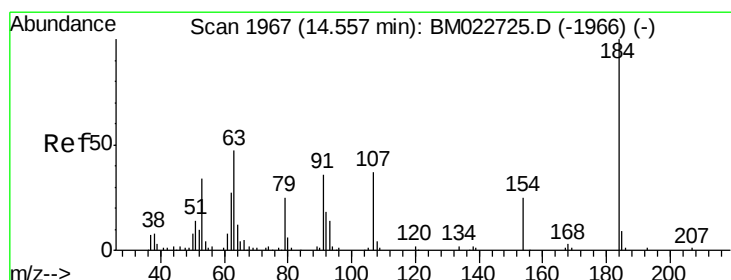
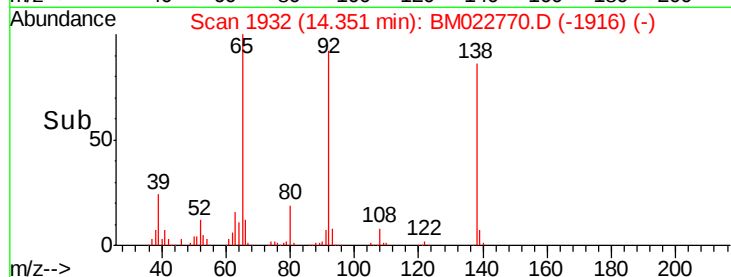
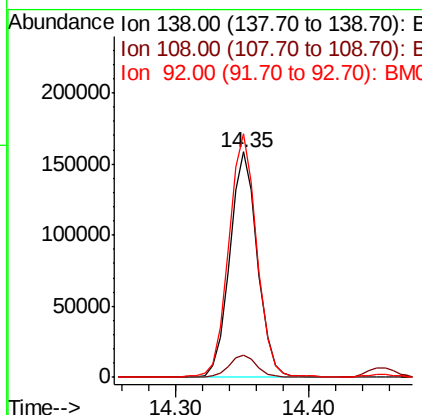
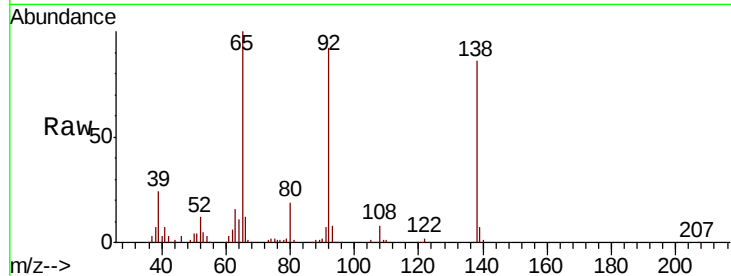
#53
3-Nitroaniline
Concen: 25.848 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.3	10.9
92	108.0	86.3	129.5

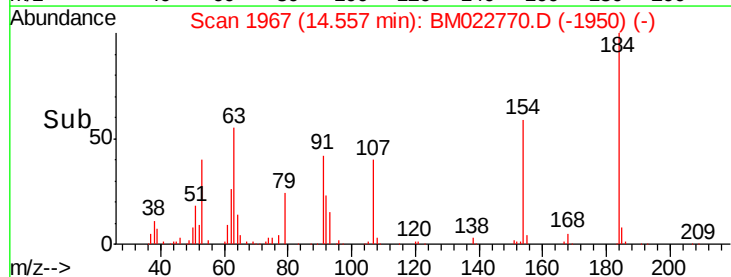
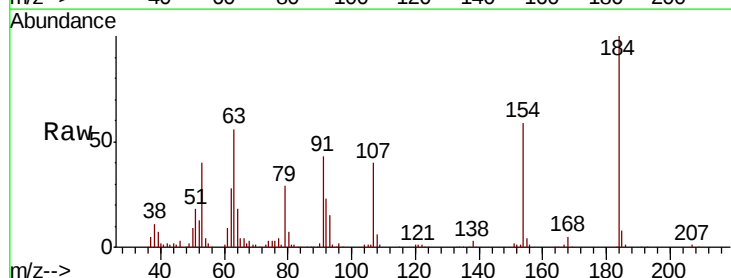
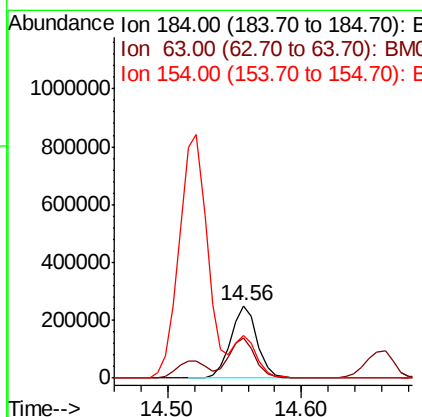
Manual Integrations
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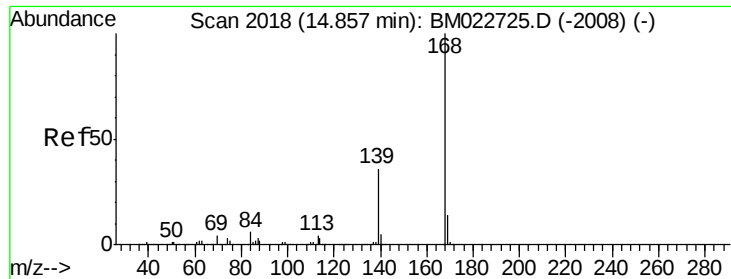
mohammad
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#54
2,4-Dinitrophenol
Concen: 82.784 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.6	48.5	72.7
154	59.4	48.1	72.1





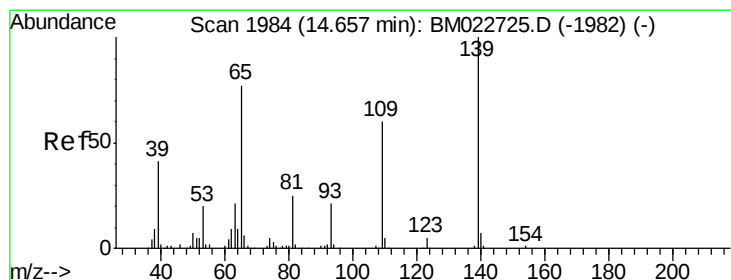
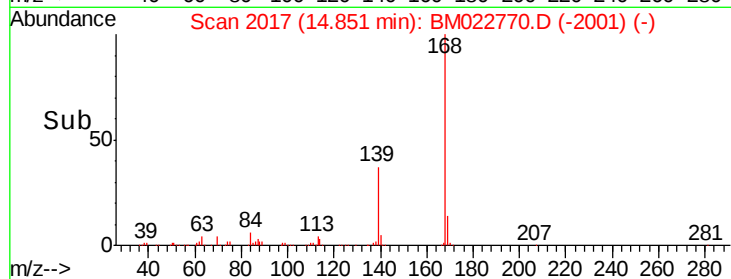
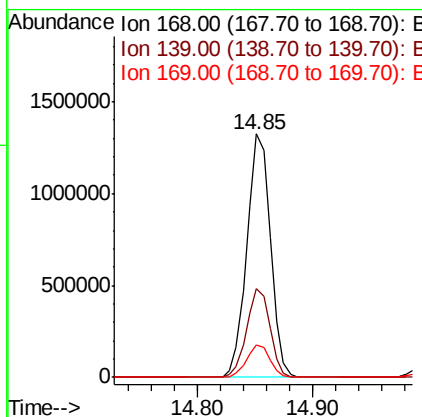
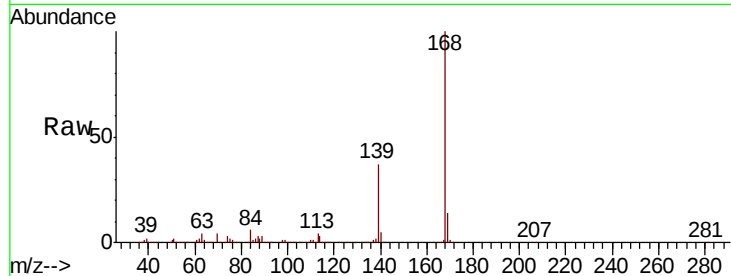
#55
Dibenzenofuran
Concen: 42.361 ng
RT: 14.85 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.5	28.8	43.2
169	13.5	10.9	16.3

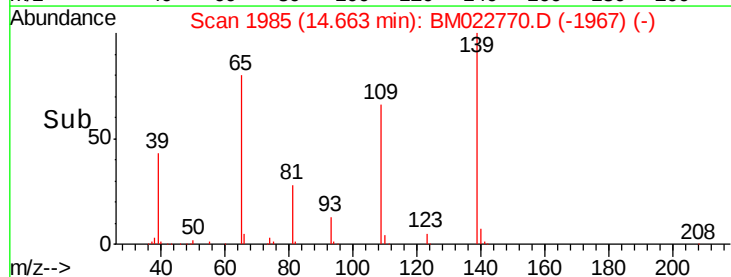
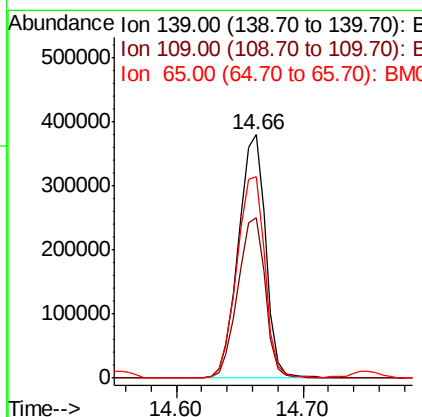
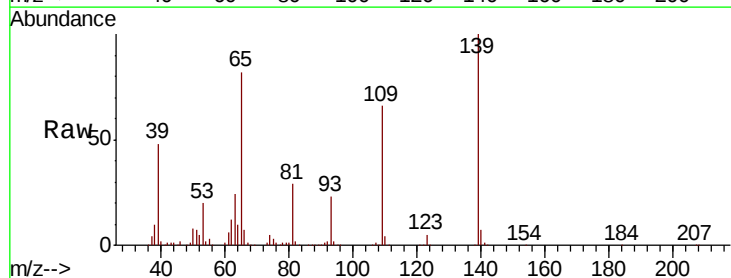
Manual Integrations
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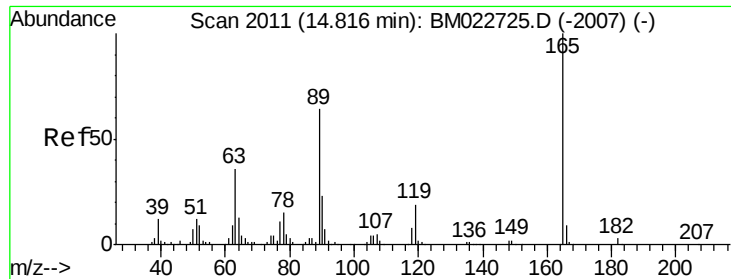
mohammad
9/26/2019 3:54:44 PM



#56
4-Nitrophenol
Concen: 82.770 ng
RT: 14.66 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.9	44.8	84.8
65	82.5	66.6	106.6





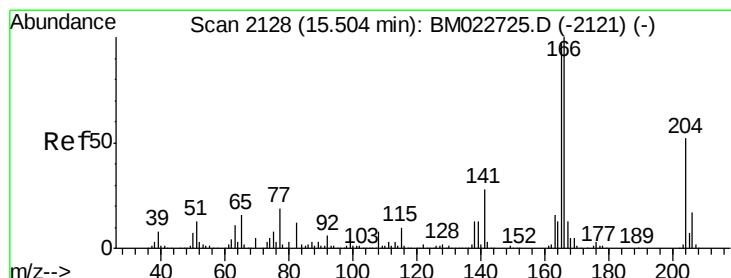
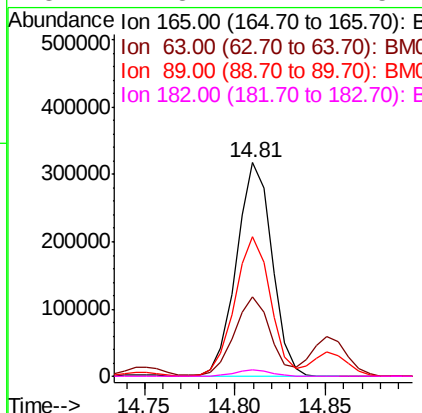
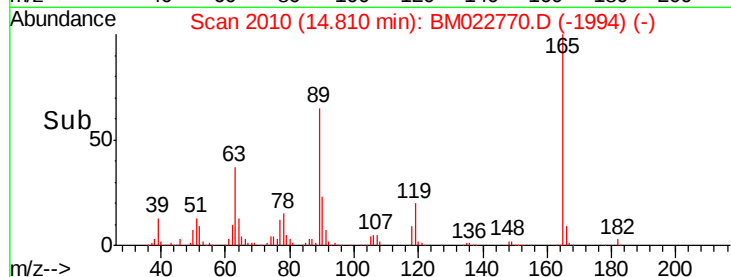
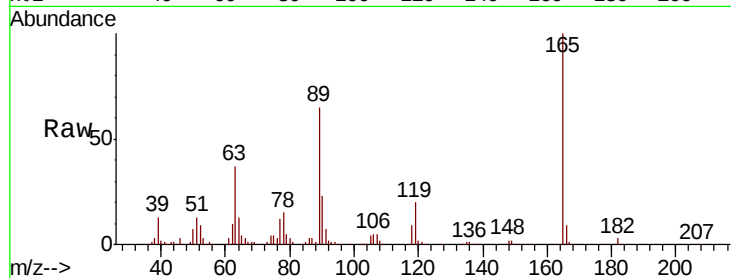
#57
2,4-Dinitrotoluene
Concen: 42.952 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.2	30.1	45.1
89	65.3	52.5	78.7
182	2.8	2.2	3.4

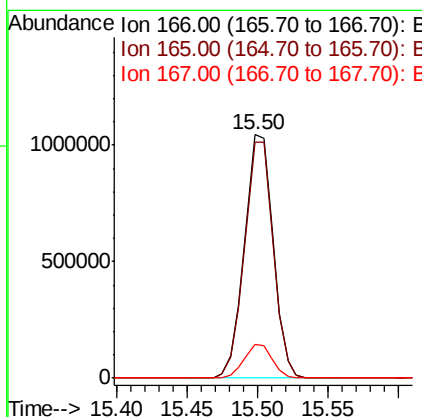
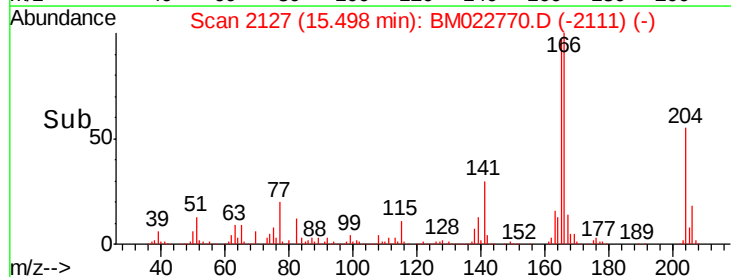
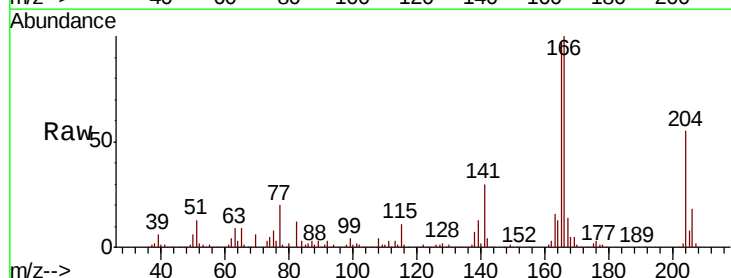
Manual Integrations
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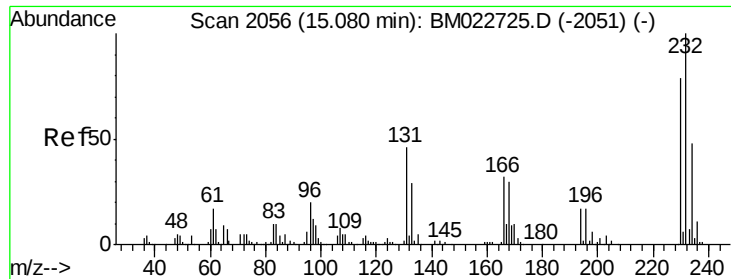
mohammad
9/26/2019 3:54:44 PM



#58
Fluorene
Concen: 41.393 ng
RT: 15.50 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.6	116.4
167	13.9	10.8	16.2





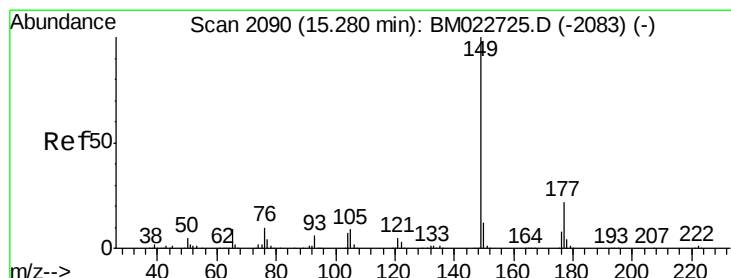
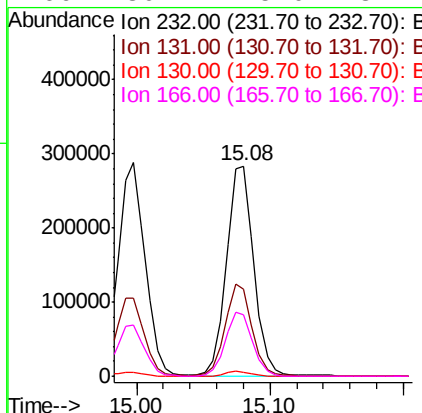
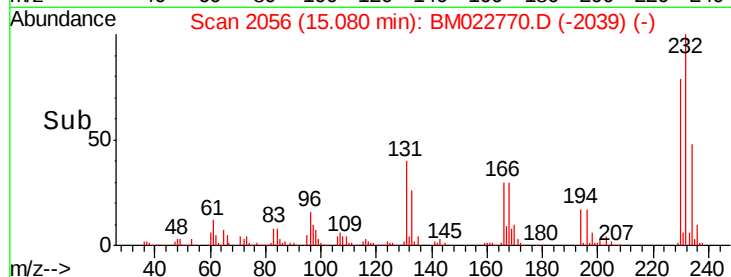
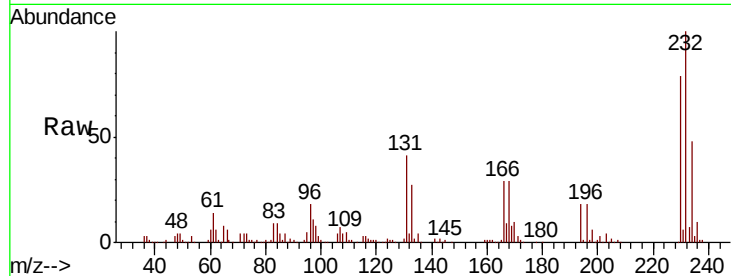
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.747 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Instrument :
 BNA_M
 ClientSampleId :
 PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	404911		
131	42.9	36.3	54.5	
130	2.2	1.8	2.8	
166	30.2	25.0	37.4	

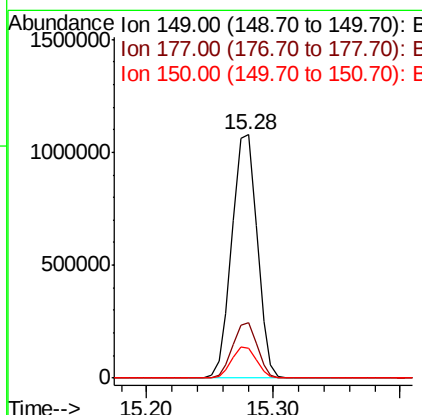
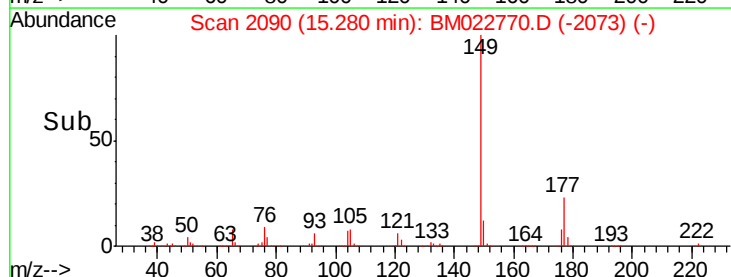
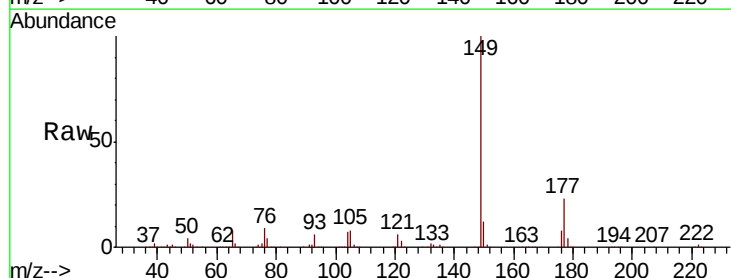
Manual Integrations
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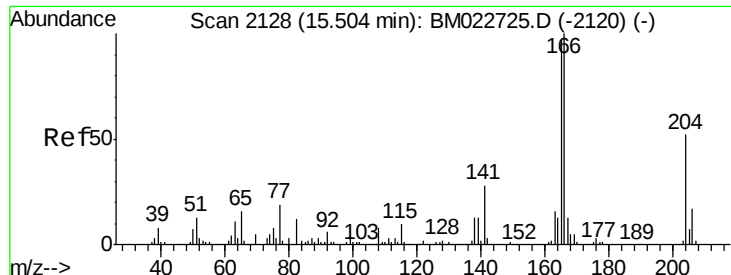
mohammad
 9/26/2019 3:54:44 PM



#60
 Diethylphthalate
 Concen: 41.600 ng
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1488266		
177	22.6	17.6	26.4	
150	12.2	9.9	14.9	





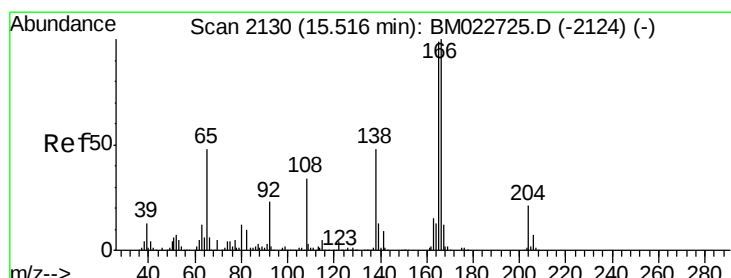
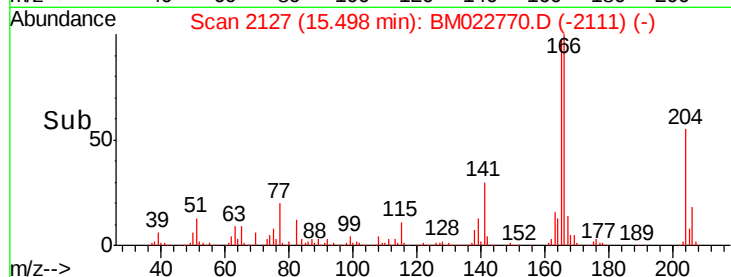
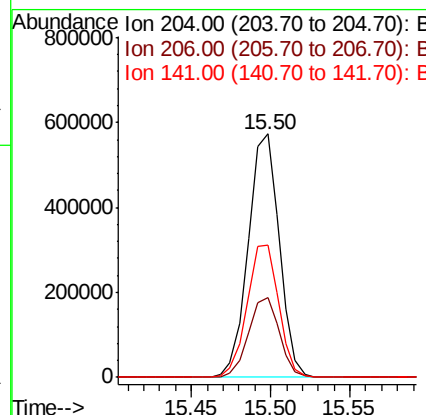
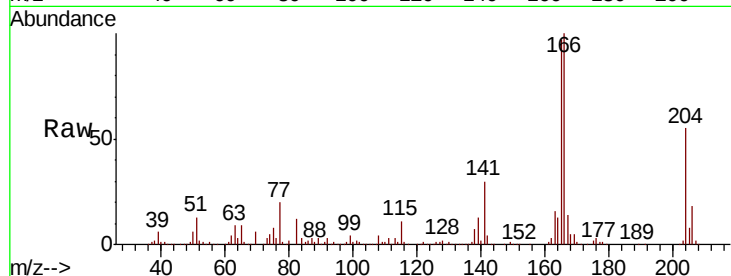
#61
 4-Chlorophenyl-phenylether
 Concen: 42.038 ng
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Instrument :
 BNA_M
 ClientSampleId :
 PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	779686		
206	32.6	26.2	39.4	
141	54.2	42.6	64.0	

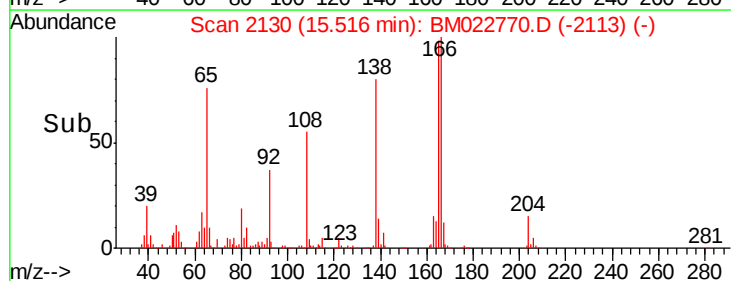
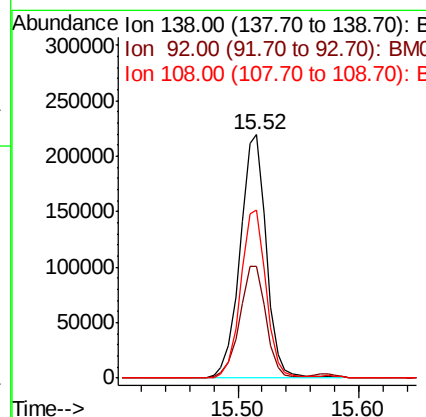
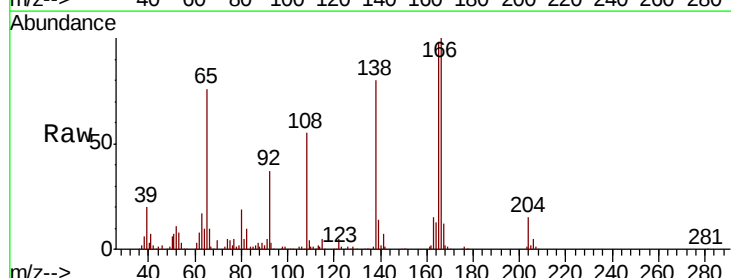
Manual Integrations
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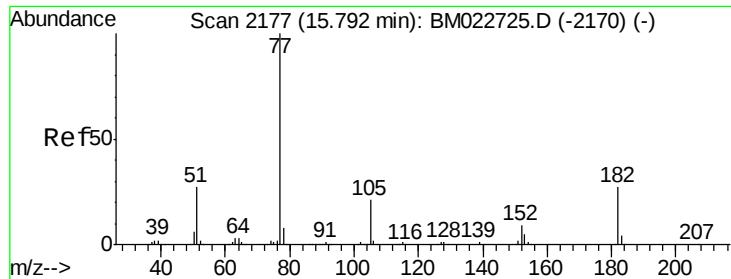
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#62
 4-Nitroaniline
 Concen: 35.738 ng
 RT: 15.52 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	331964		
92	46.1	28.7	68.7	
108	69.2	50.3	90.3	





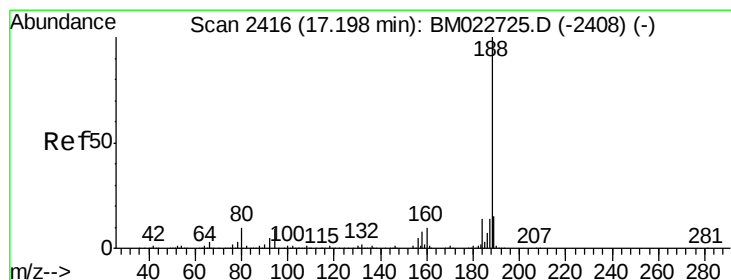
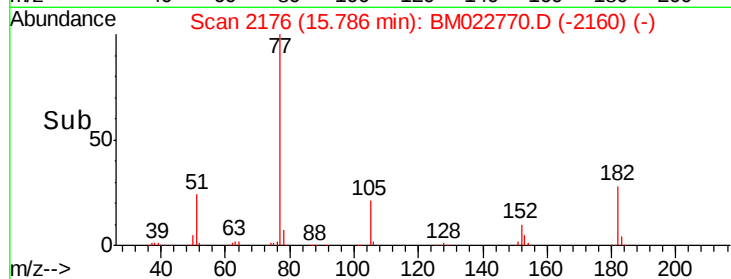
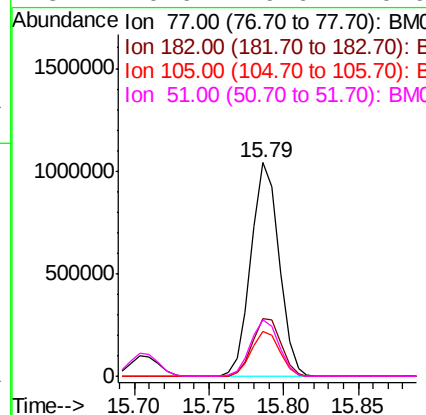
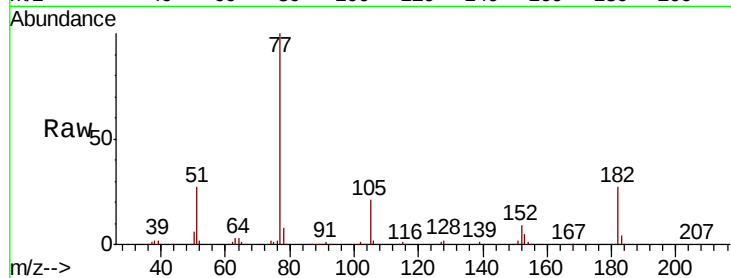
#63
Azobenzene
Concen: 41.782 ng
RT: 15.79 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.0	7.0	47.0	
105	20.8	0.9	40.9	
51	26.6	6.6	46.6	

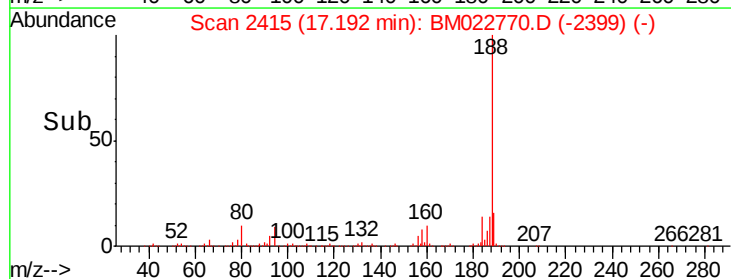
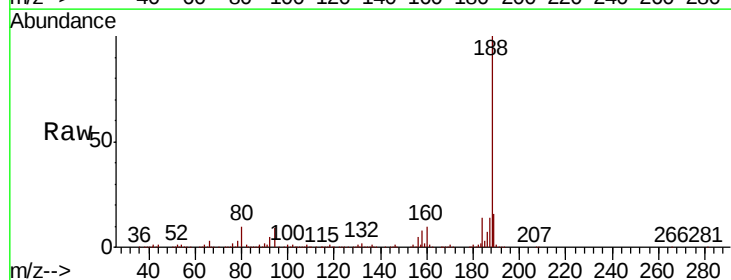
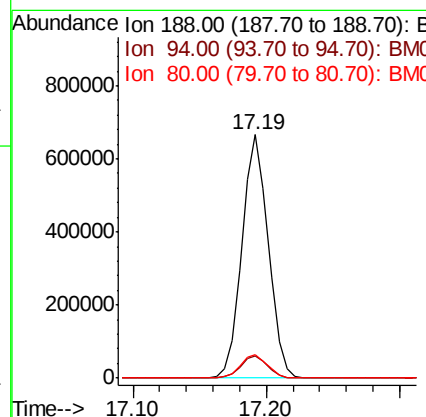
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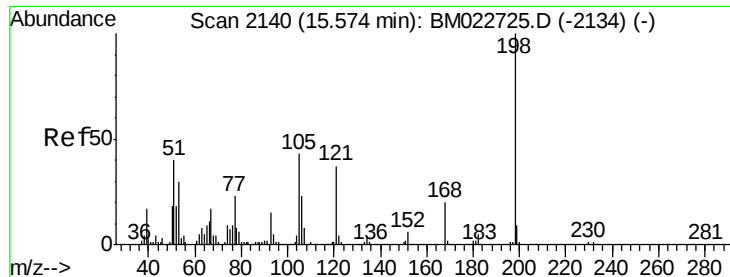
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.1	7.3	10.9	
80	9.8	7.8	11.8	





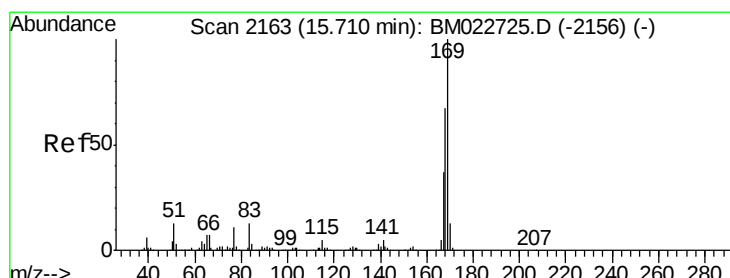
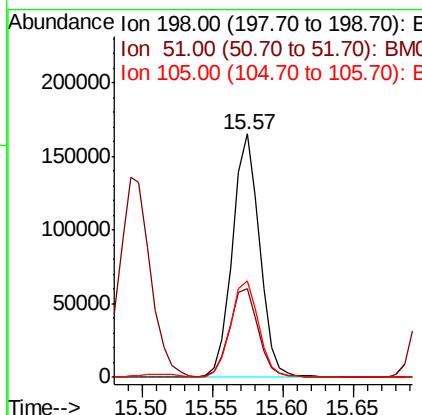
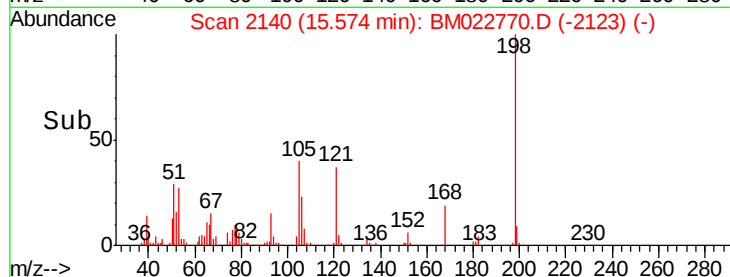
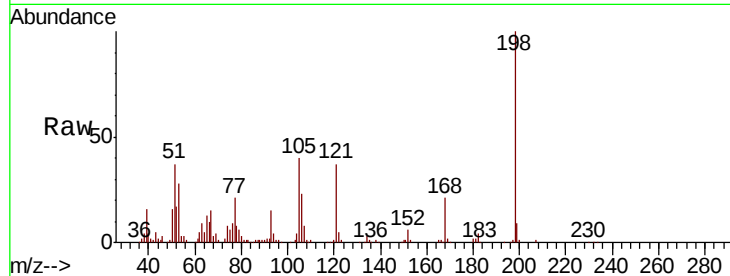
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.788 ng
 RT: 15.57 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Instrument :
 BNA_M
 ClientSampleId :
 PB123301BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	222808		
51	36.7		21.0	61.0
105	39.8		22.5	62.5

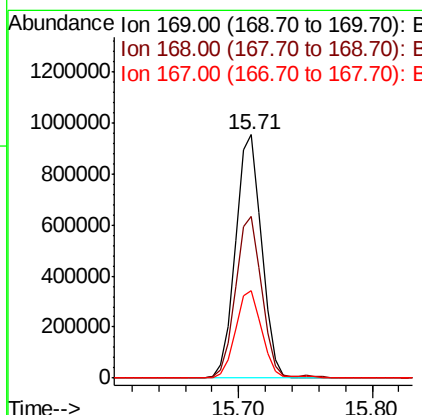
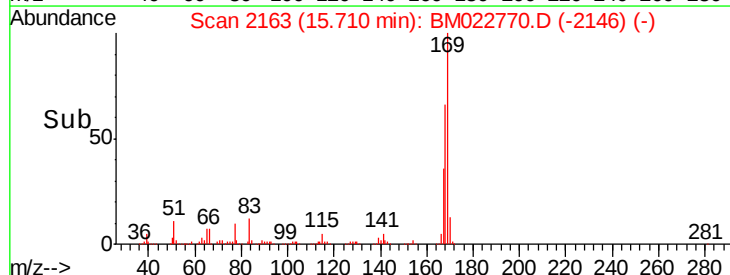
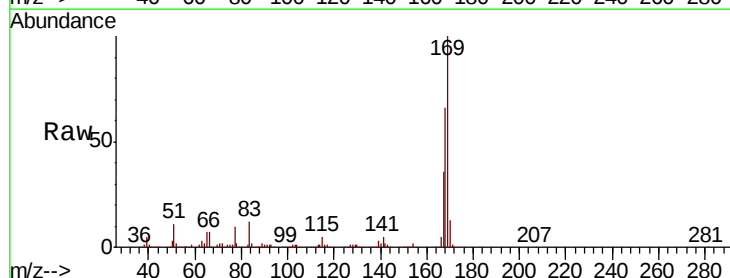
Manual Integrations
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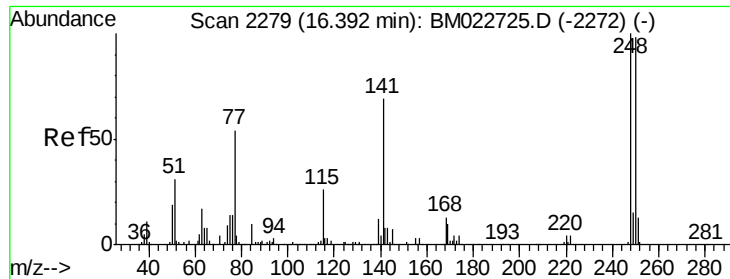
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#66
 n-Nitrosodiphenylamine
 Concen: 46.650 ng
 RT: 15.71 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1291365		
168	66.4		53.4	80.2
167	36.0		29.3	43.9





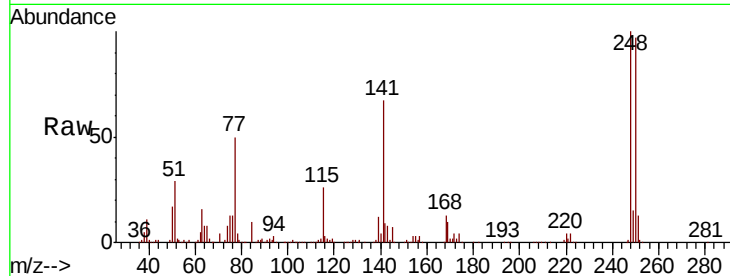
#67
4-Bromophenyl-phenylether
Concen: 46.593 ng
RT: 16.39 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.4	117.6
141	67.5	55.1	82.7

Manual Integrations
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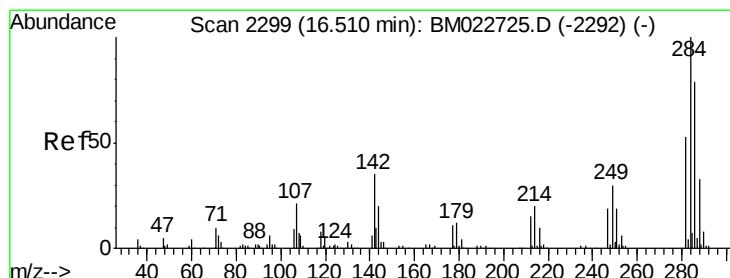
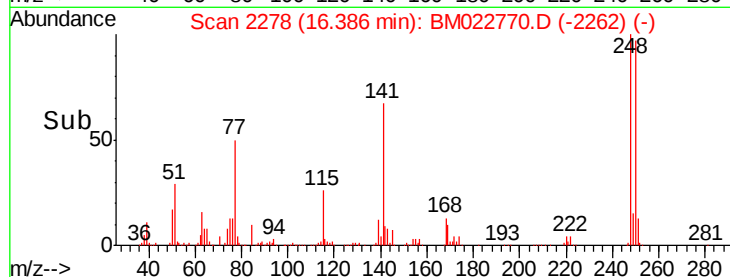
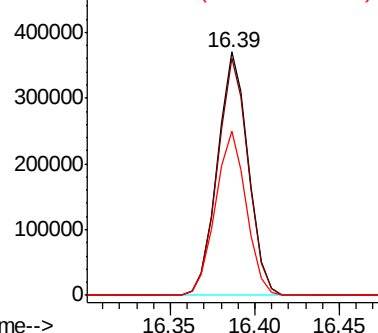


Abundance

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: 43.439 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

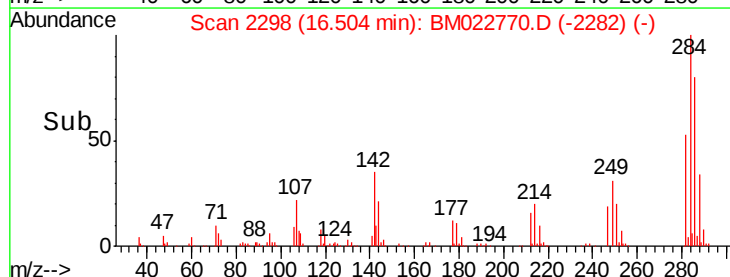
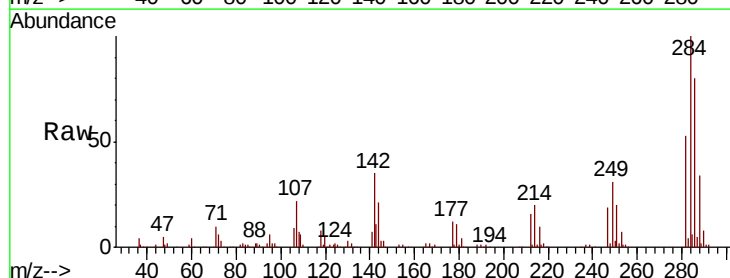
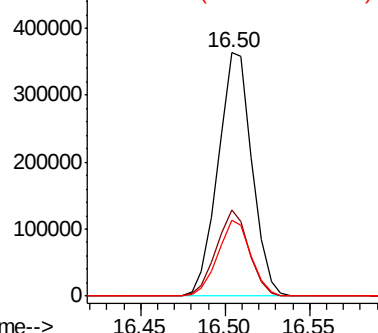
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	27.8	41.8
249	31.3	24.4	36.6

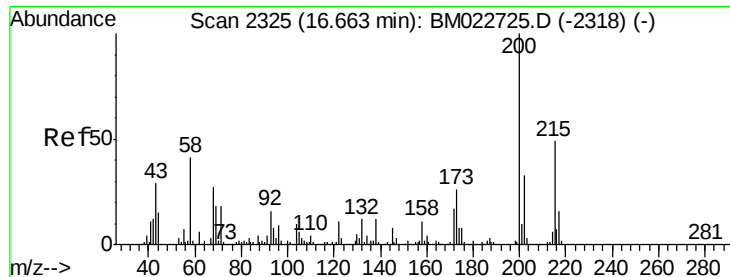
Abundance

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





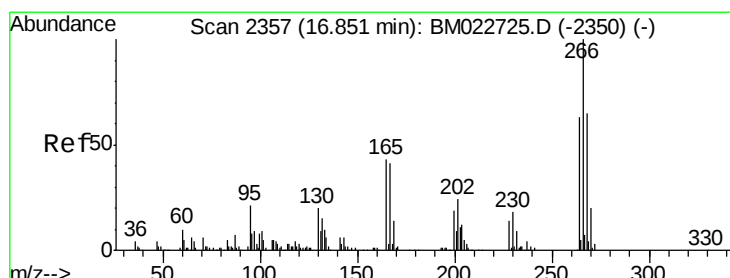
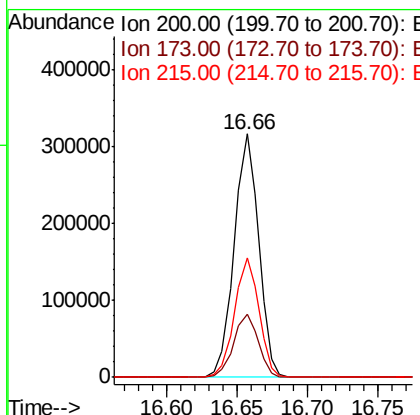
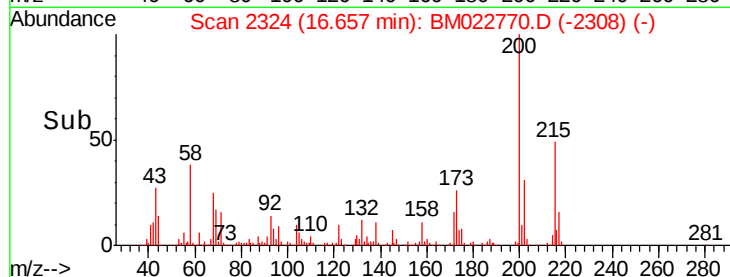
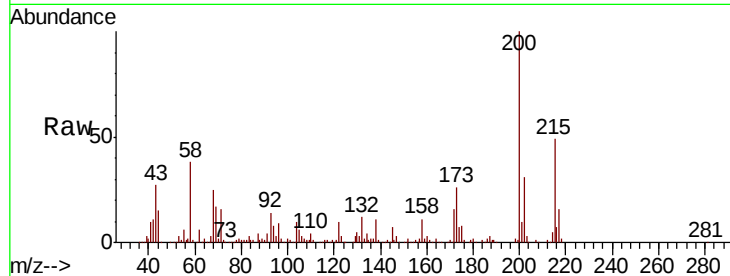
#69
Atrazine
Concen: 42.491 ng
RT: 16.66 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
200	100		382375		
173	25.8	5.8	45.8		
215	48.9	29.2	69.2		

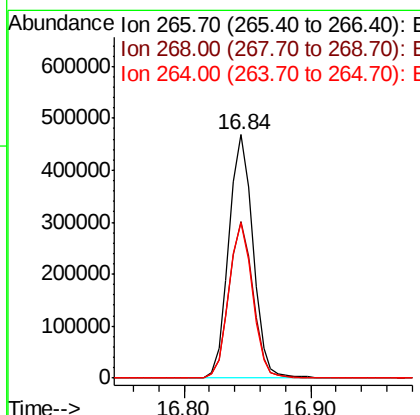
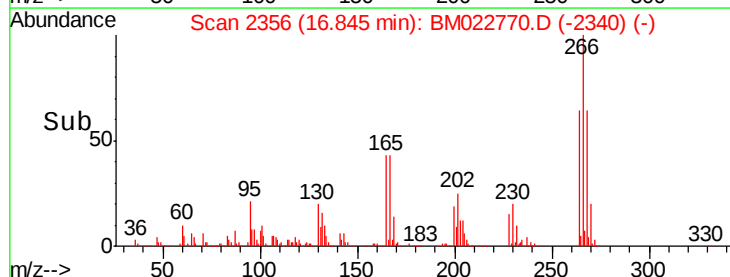
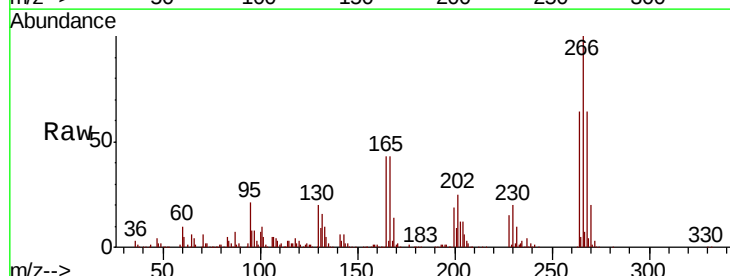
Manual Integrations
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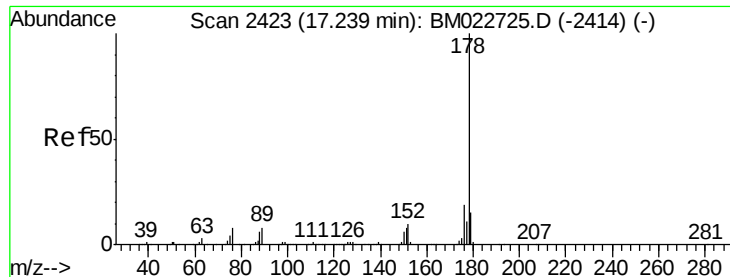
mohammad
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#70
Pentachlorophenol
Concen: 98.563 ng
RT: 16.84 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
266	100		617797		
268	64.3	51.8	77.6		
264	63.7	50.2	75.4		





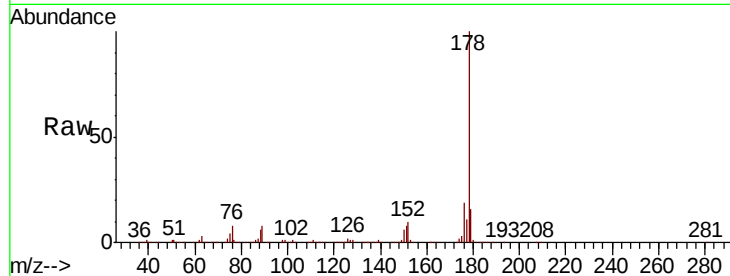
#71
Phenanthrene
Concen: 42.425 ng
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.7	12.3	18.5

Manual Integrations
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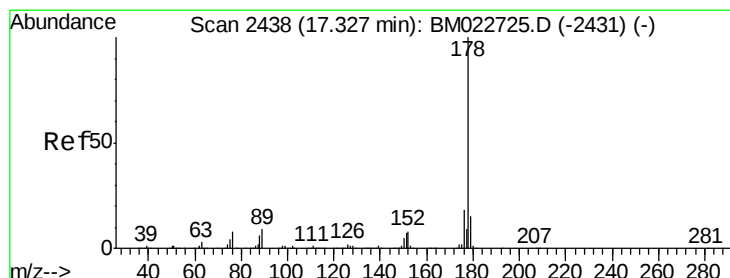
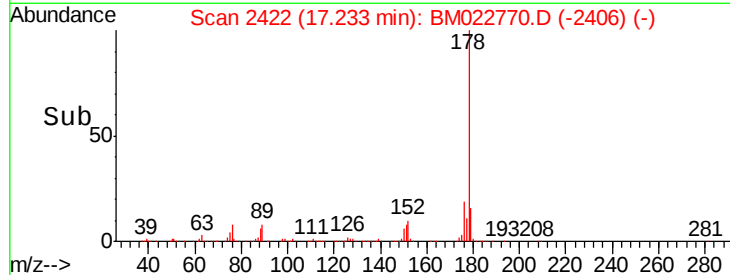
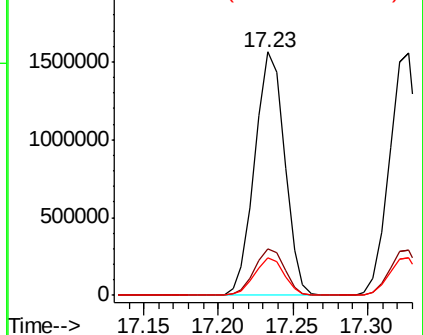


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 44.057 ng
RT: 17.33 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

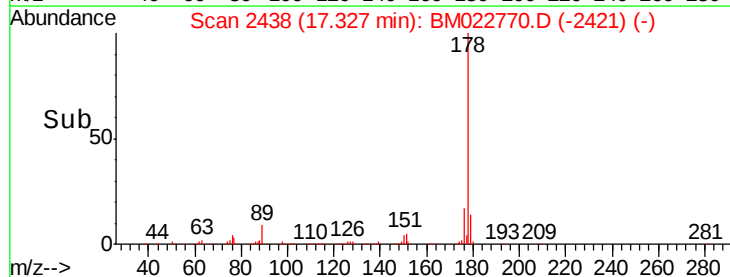
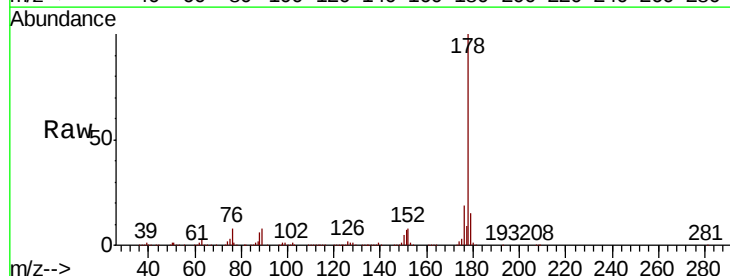
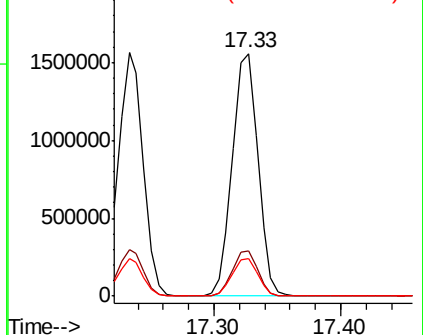
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.2	12.2	18.4

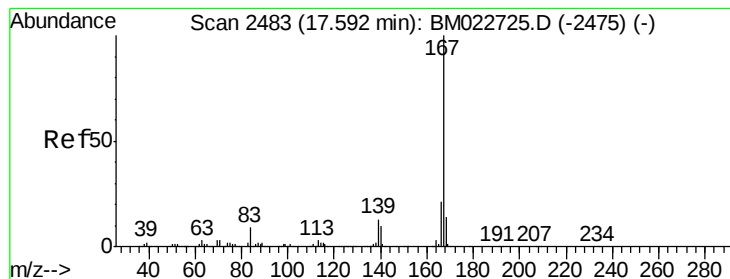
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.066 ng

RT: 17.59 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

PB123301BS

Tot Ion:167 Resp: 1893611

Ion Ratio Lower Upper

167 100

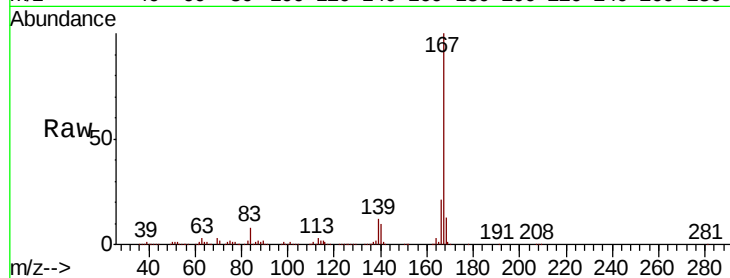
166 21.4 17.0 25.4

139 12.4 10.1 15.1

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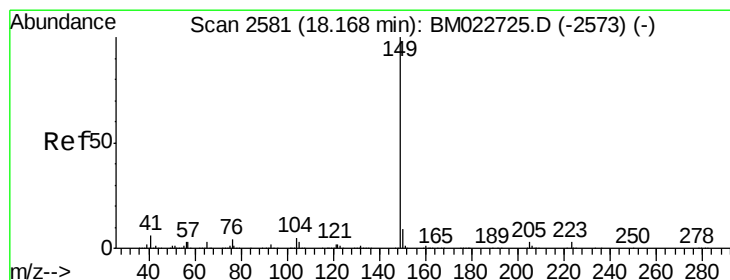
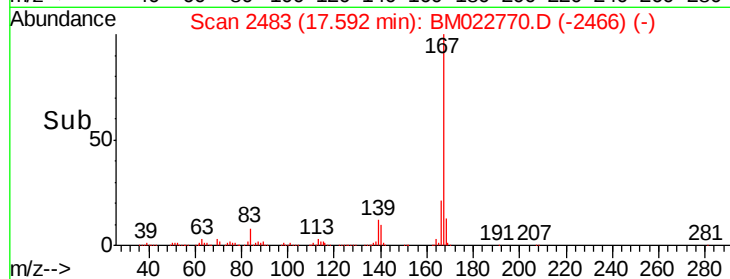
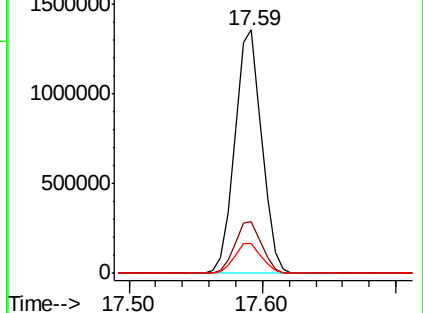
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.650 ng

RT: 18.16 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

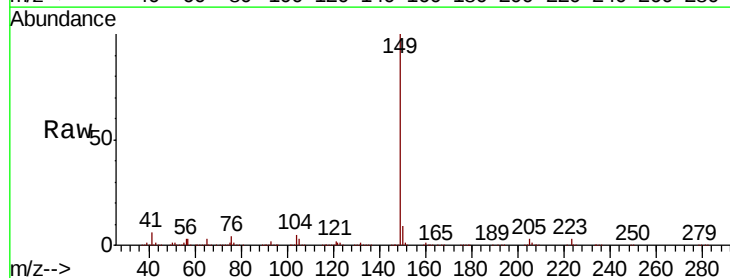
Tgt Ion:149 Resp: 2386794

Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

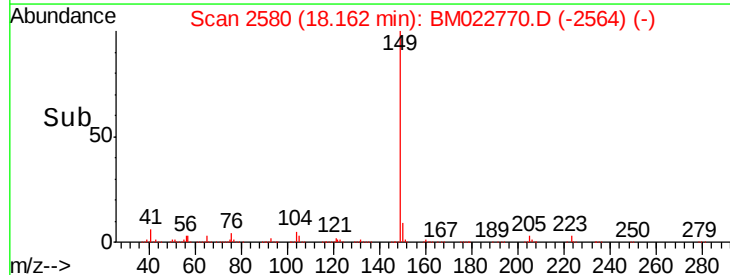
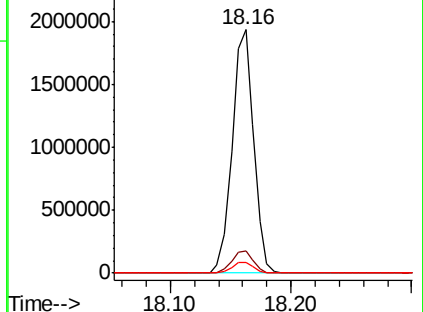
104 4.5 3.8 5.6

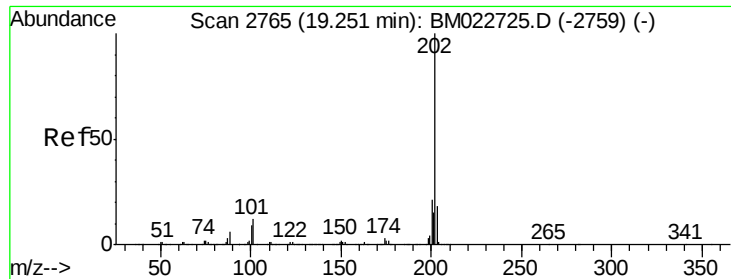


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.006 ng

RT: 19.25 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

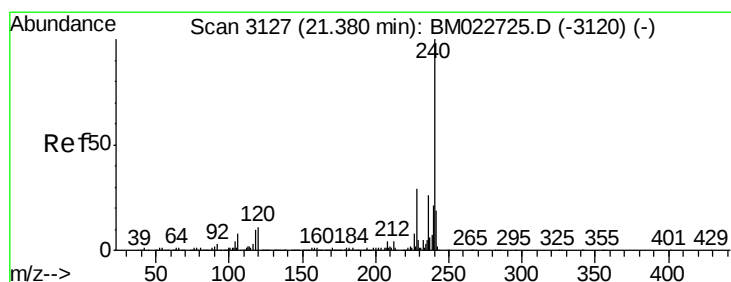
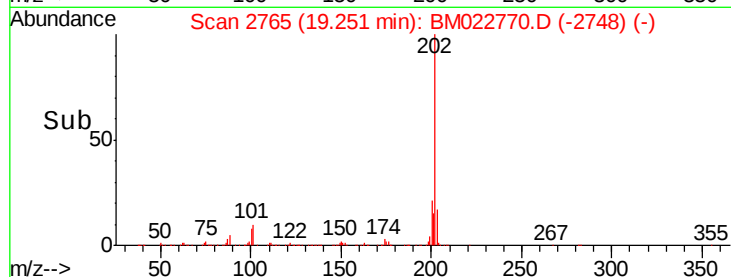
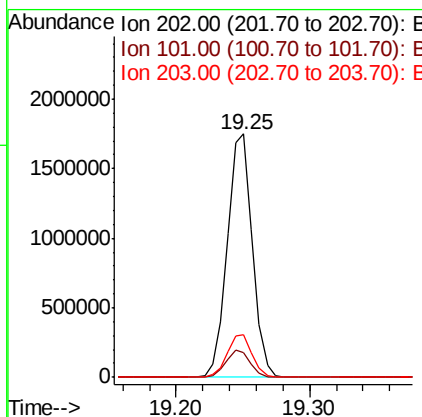
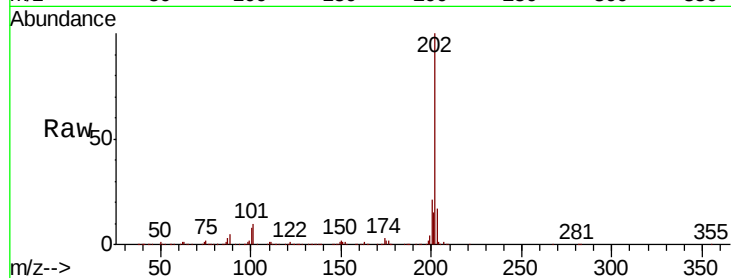
ClientSampleId :

PB123301BS

Tot Ion:	202	Resp:	2308140
Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	32.1
203	17.5	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

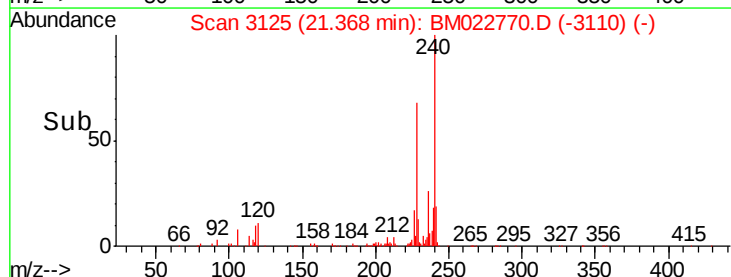
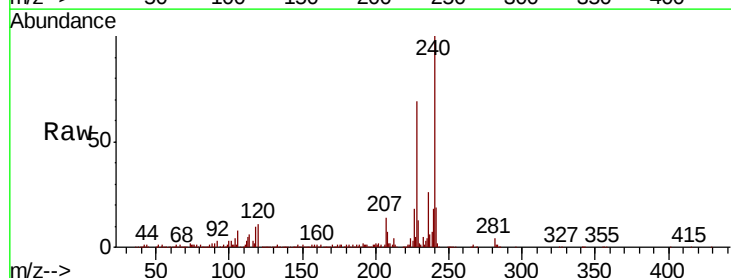
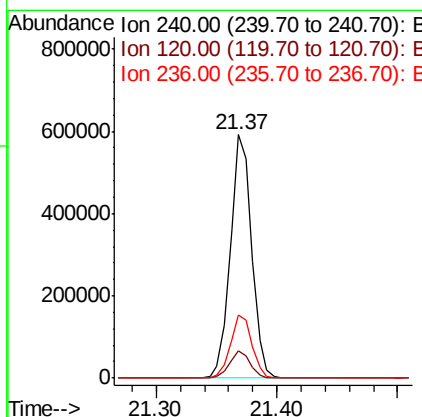
RT: 21.37 min Scan# 3125

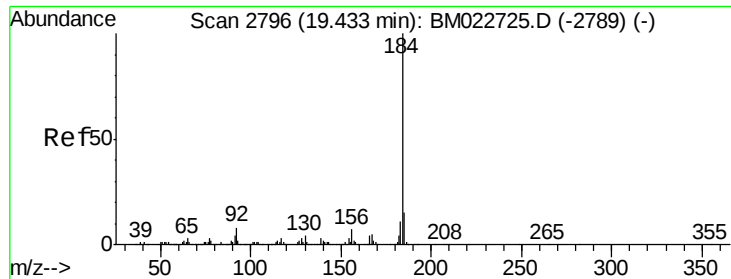
Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Tgt Ion:	240	Resp:	724206
Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.8	13.2
236	25.8	20.8	31.2





#77

Benzidine

Concen: 43.174 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

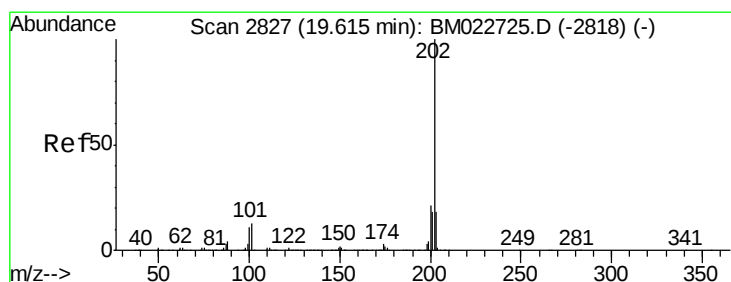
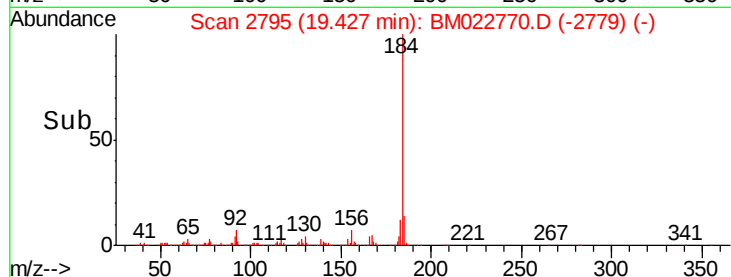
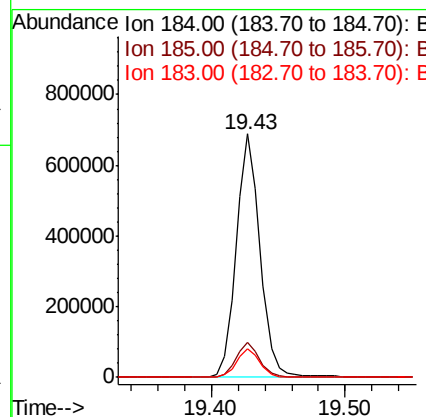
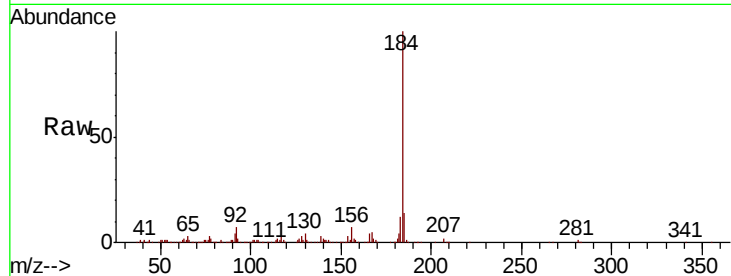
ClientSampleId :

PB123301BS

Tot Ion:	184	Resp:	857762
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.6	17.4
183	11.7	9.1	13.7

Manual Integrations
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#78

Pyrene

Concen: 49.182 ng

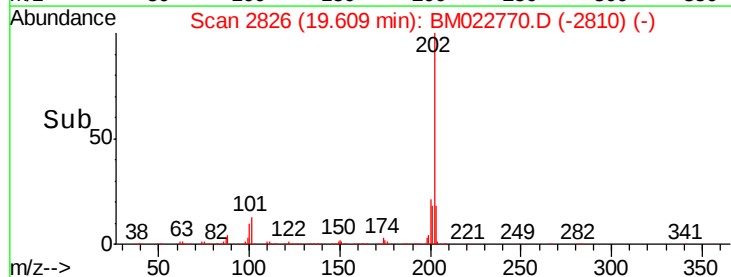
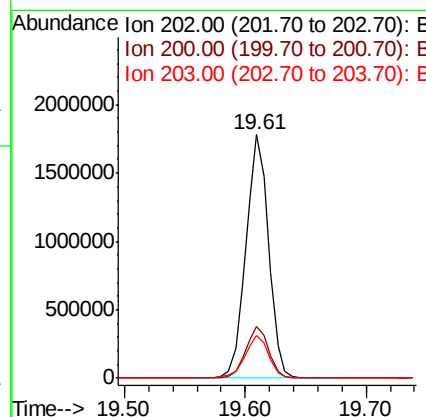
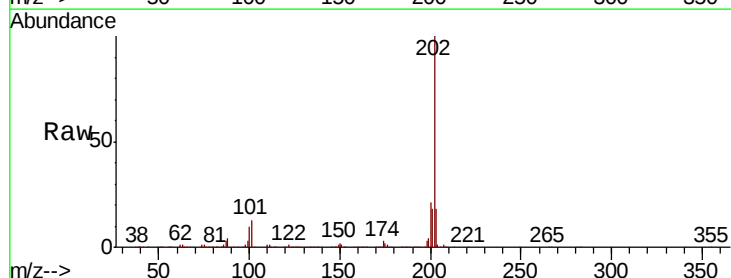
RT: 19.61 min Scan# 2826

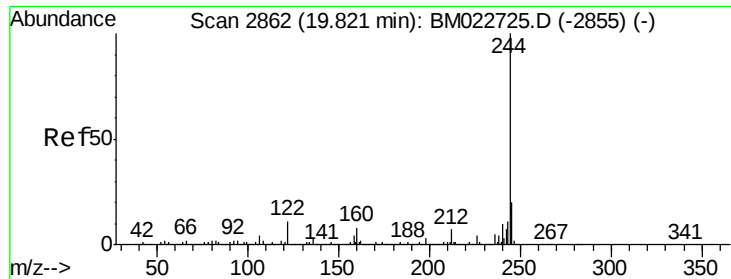
Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Tgt Ion:	202	Resp:	2334197
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.7	25.1
203	17.7	14.1	21.1





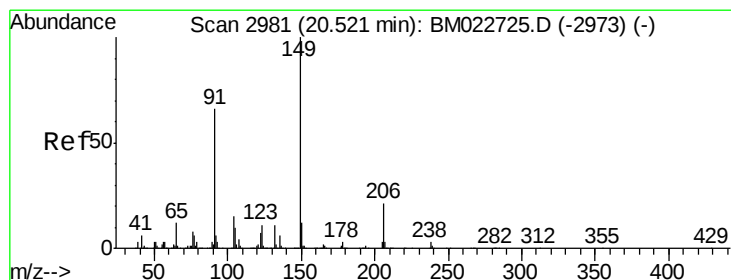
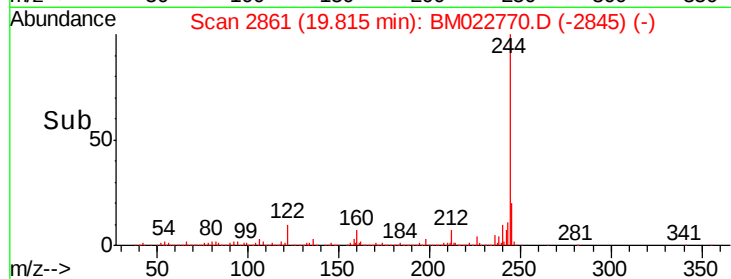
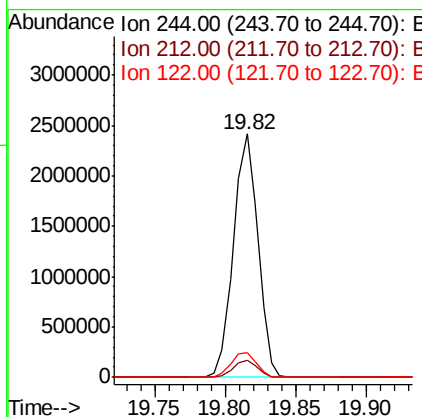
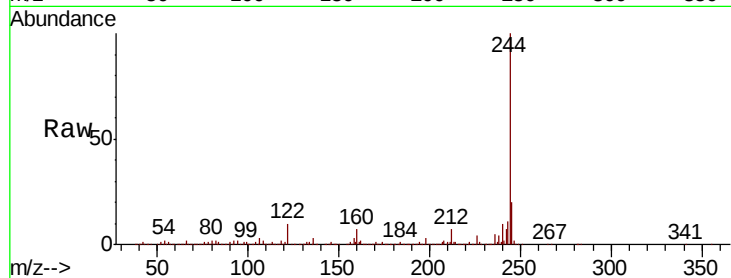
#79
 Terphenyl-d14
 Concen: 78.270 ng
 RT: 19.82 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Instrument :
 BNA_M
 ClientSampleId :
 PB123301BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.4	9.0	13.4

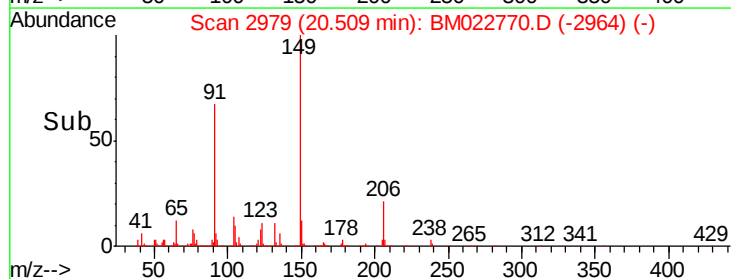
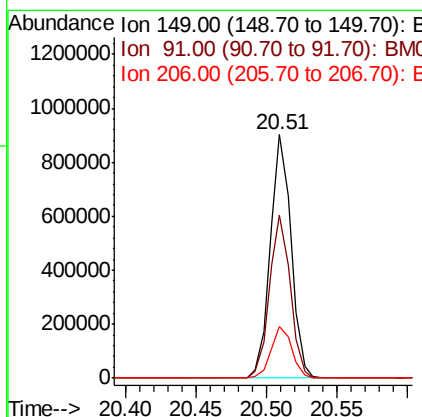
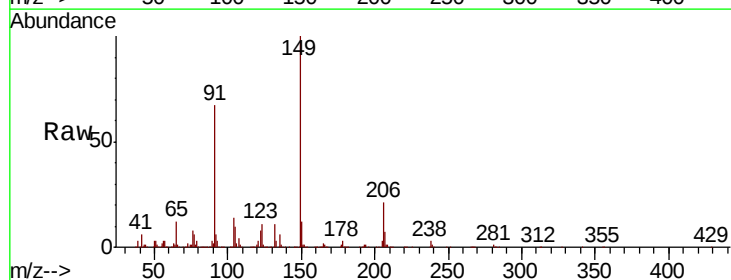
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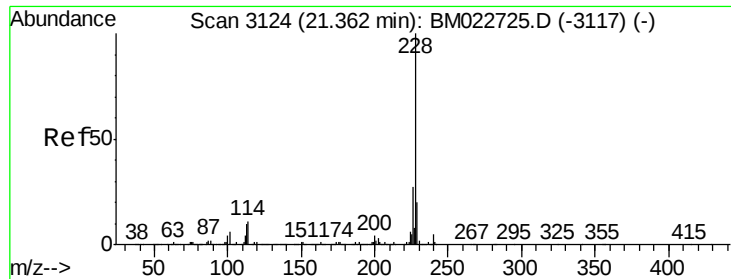
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#80
 Butylbenzylphthalate
 Concen: 51.881 ng
 RT: 20.51 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.1	53.0	79.4
206	21.0	16.9	25.3





#81

Benzo(a)anthracene

Concen: 42.784 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

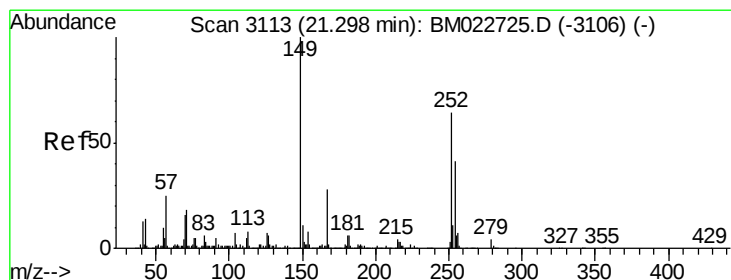
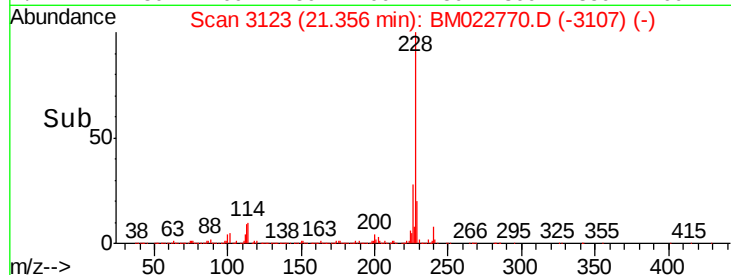
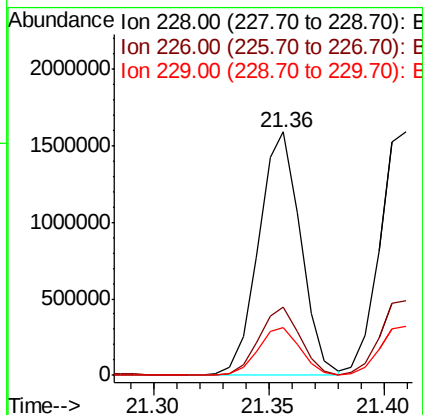
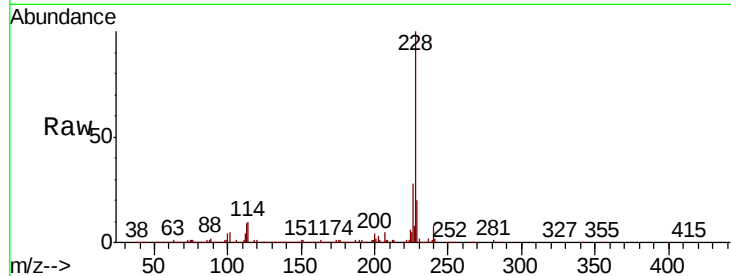
ClientSampleId :

PB123301BS

Tot Ion:	228	Resp:	2008170
Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.0	33.0
229	19.7	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 38.505 ng

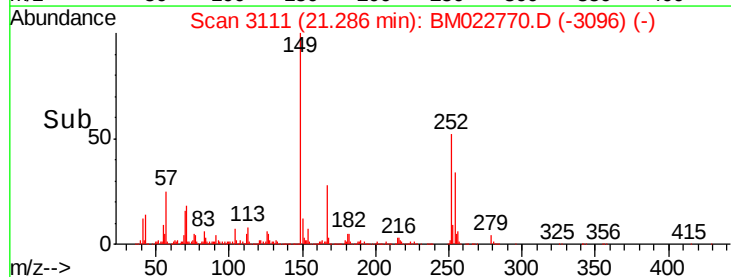
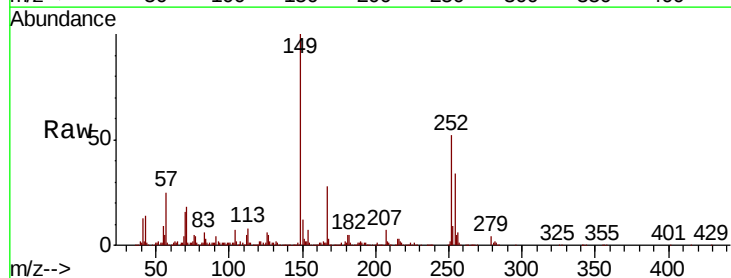
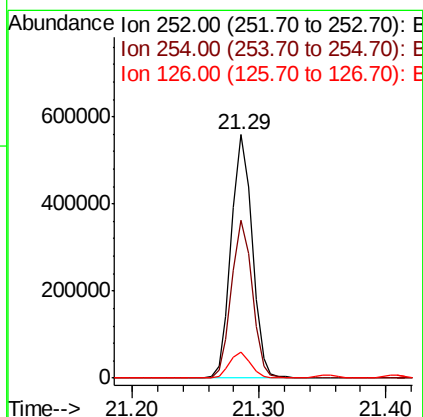
RT: 21.29 min Scan# 3111

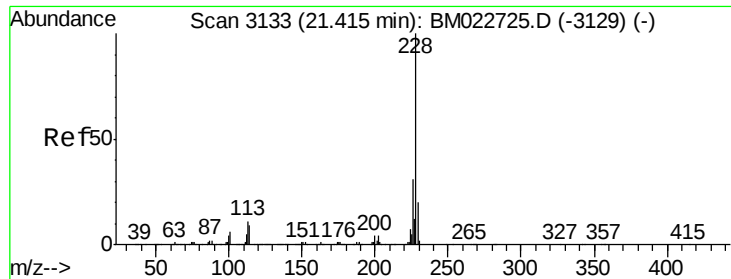
Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Tgt Ion:	252	Resp:	640926
Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.7	77.5
126	10.7	8.3	12.5





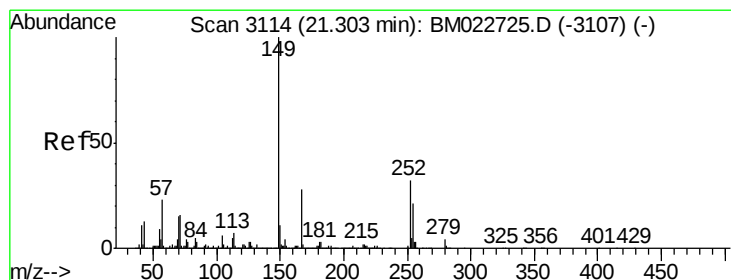
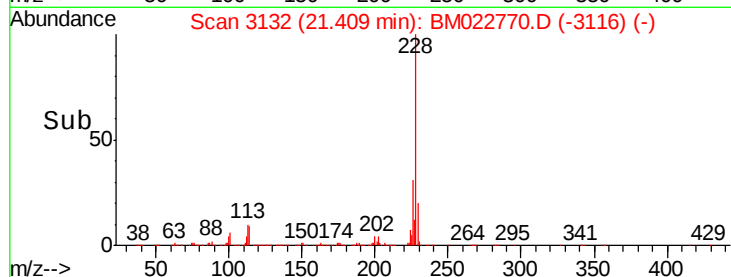
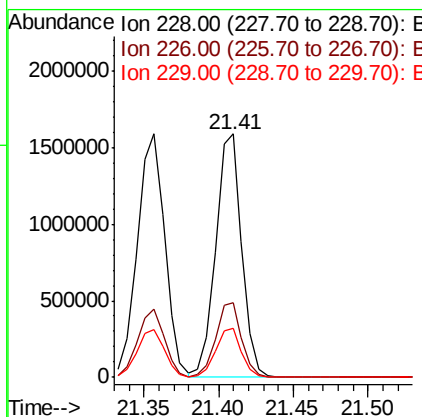
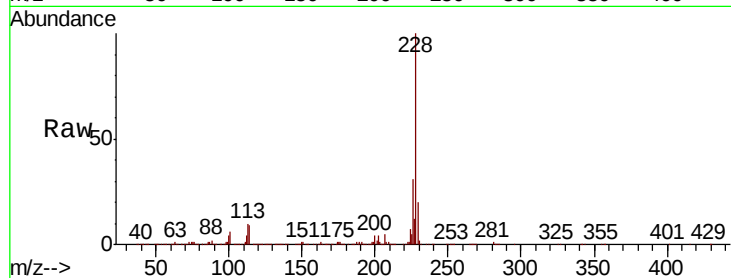
#83
 Chrysene
 Concen: 42.453 ng
 RT: 21.41 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Instrument :
 BNA_M
 ClientSampleId :
 PB123301BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	19.9	15.9	23.9

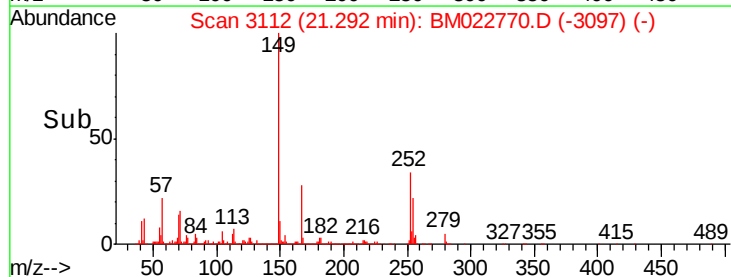
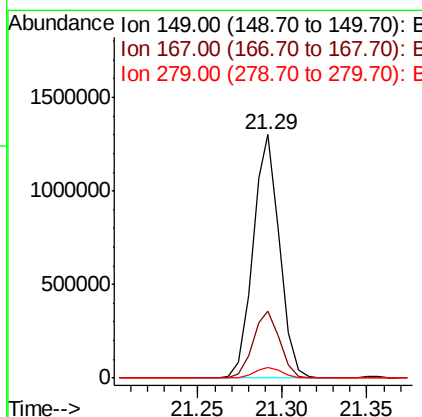
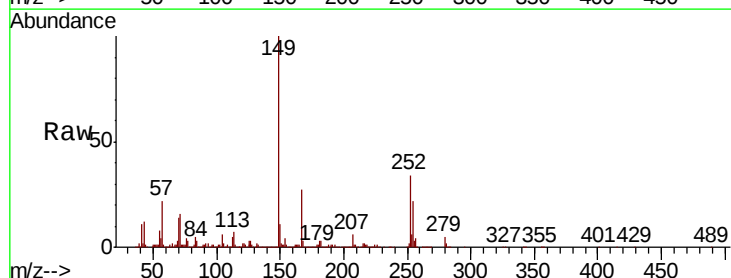
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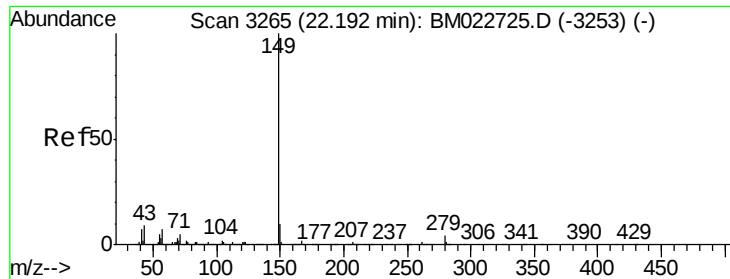
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.720 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM022770.D
 Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.1	33.1
279	4.5	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 51.513 ng

RT: 22.18 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

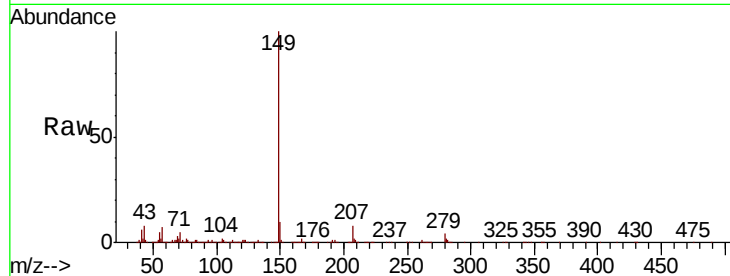
ClientSampleId :

PB123301BS

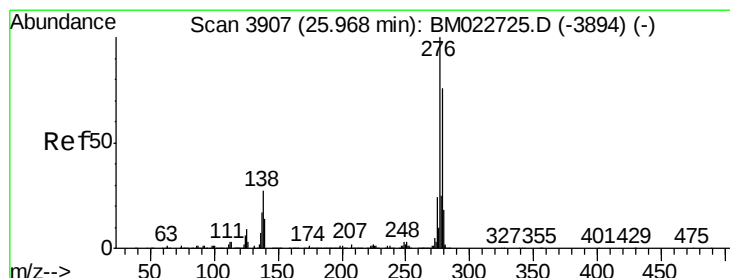
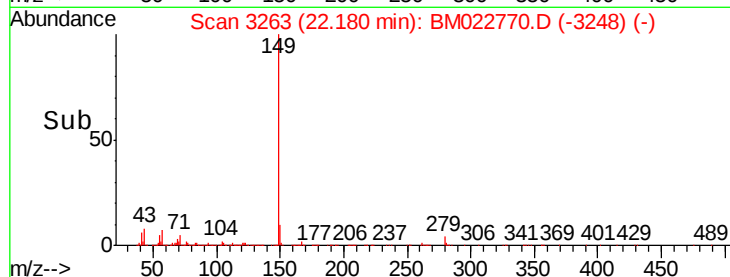
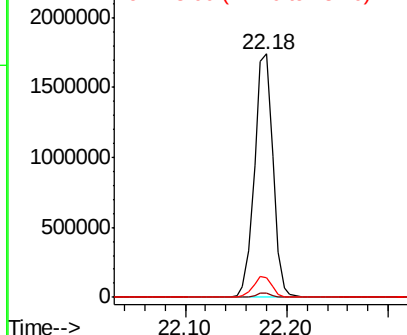
Tot Ion:	149	Resp:	2194210
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.5	7.4	11.0

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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: 36.512 ng

RT: 25.95 min Scan# 3904

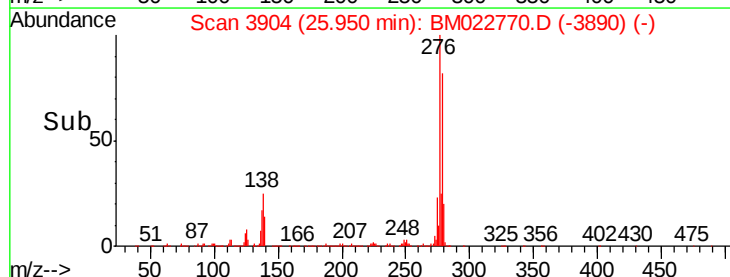
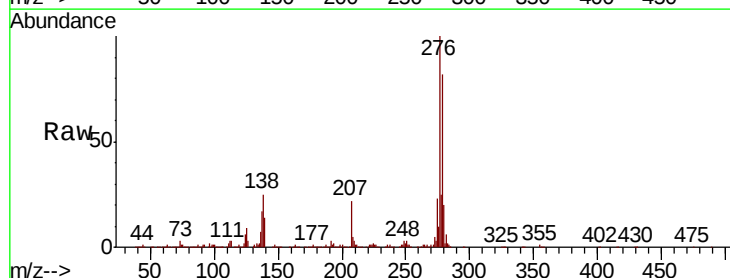
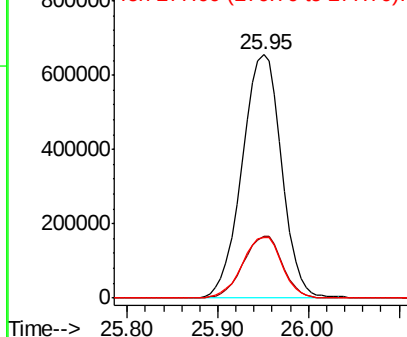
Delta R.T. -0.02 min

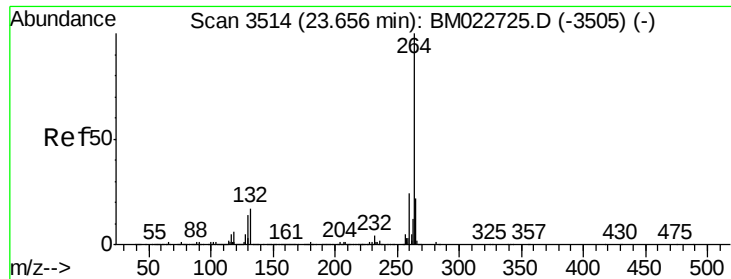
Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Tgt Ion:	276	Resp:	1983051
Ion	Ratio	Lower	Upper
276	100		
138	25.3	0.0	0.0#
277	25.3	0.0	0.0#

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

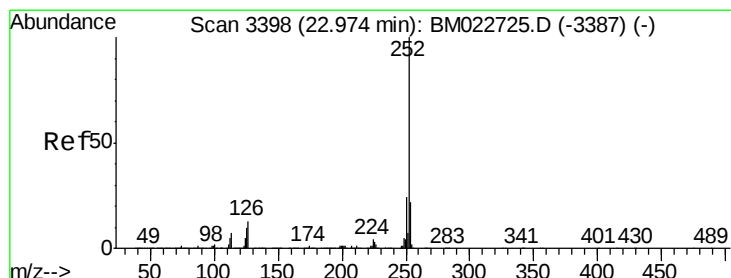
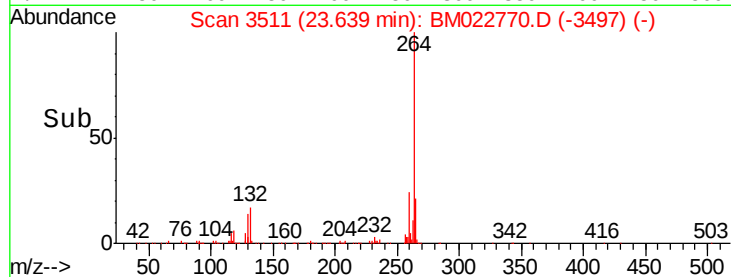
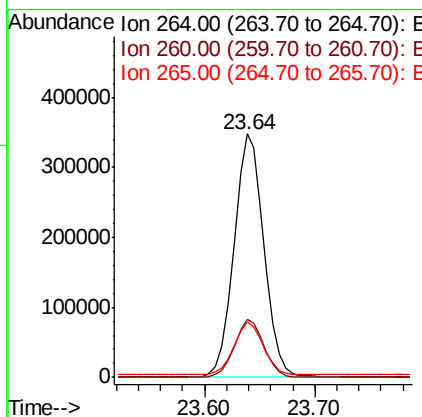
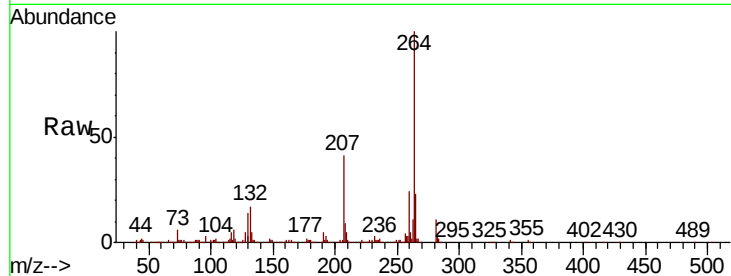
ClientSampleId :

PB123301BS

Tot Ion:	264	Resp:	659686
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.1	28.7
265	22.6	17.9	26.9

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#88

Benzo(b)fluoranthene

Concen: 46.131 ng

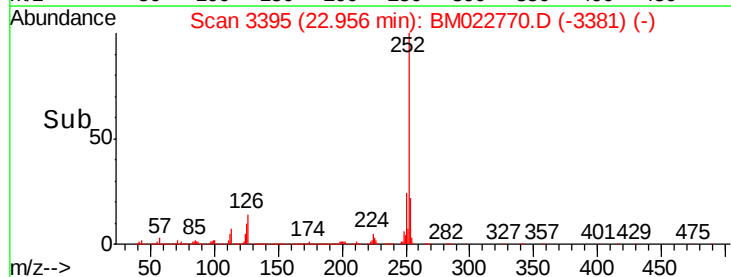
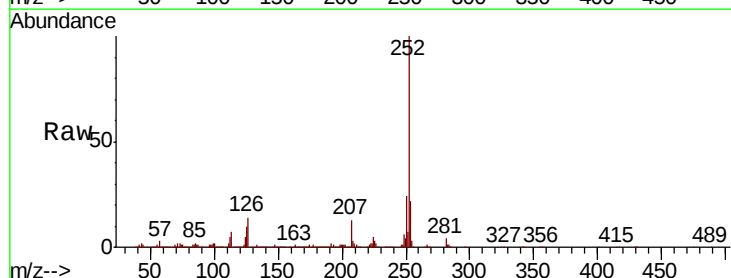
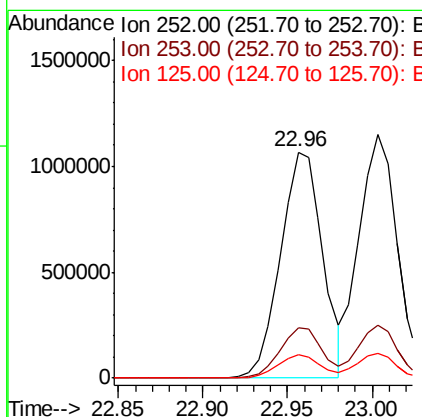
RT: 22.96 min Scan# 3395

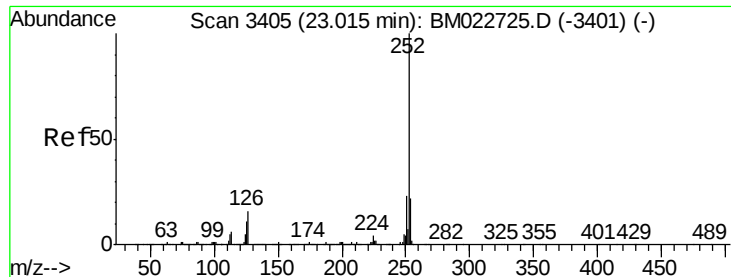
Delta R.T. -0.02 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Tgt Ion:	252	Resp:	1842574
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.7	26.5
125	10.4	8.2	12.4





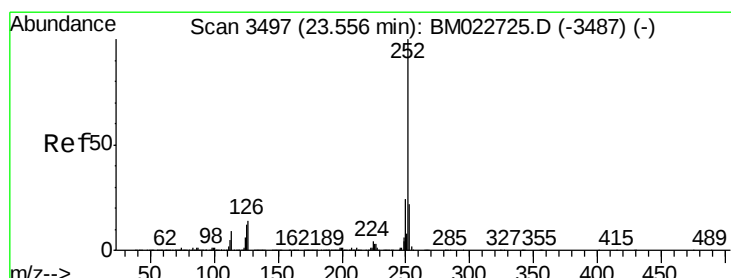
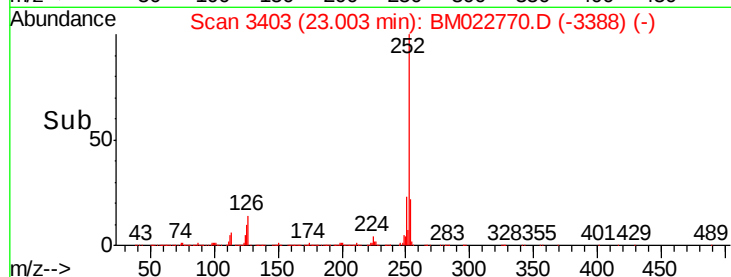
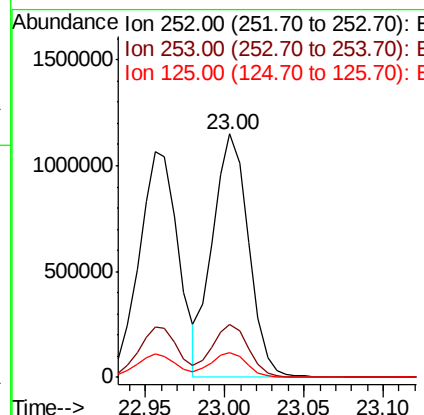
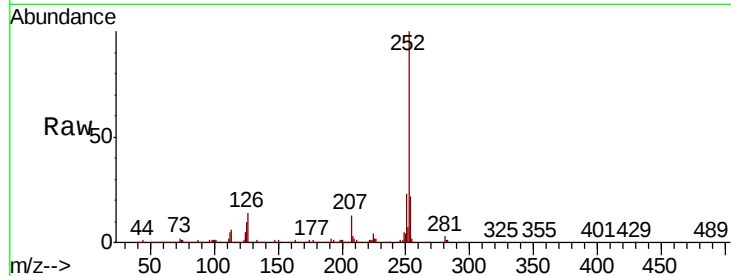
#89
Benzo(k)fluoranthene
Concen: 45.742 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Instrument :
BNA_M
ClientSampleId :
PB123301BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.9	8.5	12.7

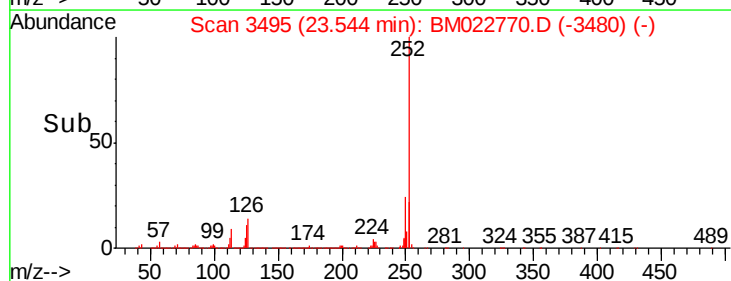
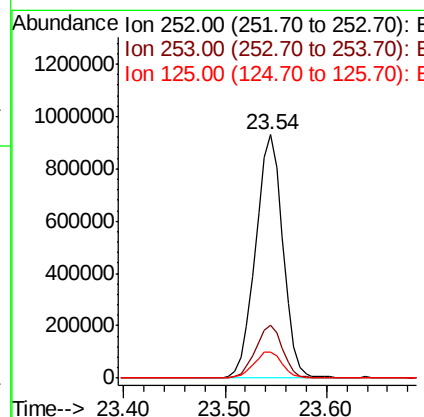
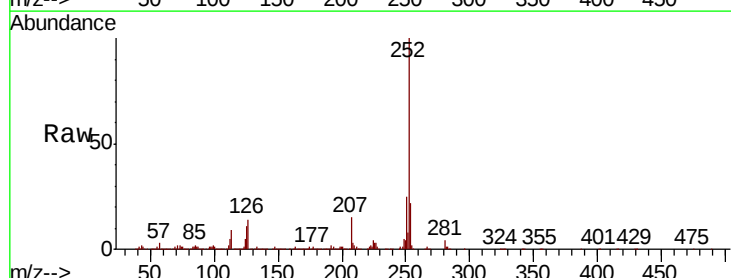
Manual Integrations
APPROVED

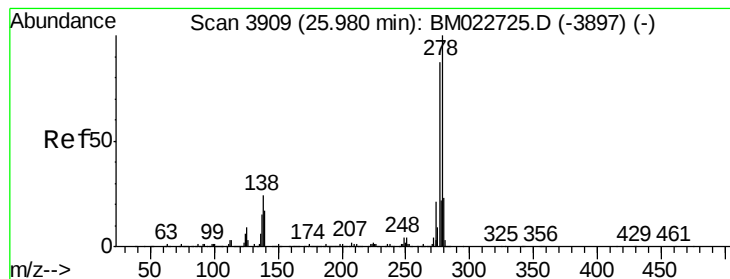
mohammad
9/26/2019 3:54:44 PM



#90
Benzo(a)pyrene
Concen: 47.308 ng
RT: 23.54 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM022770.D
Acq: 25 Sep 2019 14:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.9	9.3	13.9





#91

Dibenzo(a,h)anthracene

Concen: 43.579 ng

RT: 25.96 min Scan# 3906

Delta R.T. -0.02 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

Instrument :

BNA_M

ClientSampleId :

PB123301BS

Tot Ion:278 Resp: 1677695

Ion Ratio Lower Upper

278 100

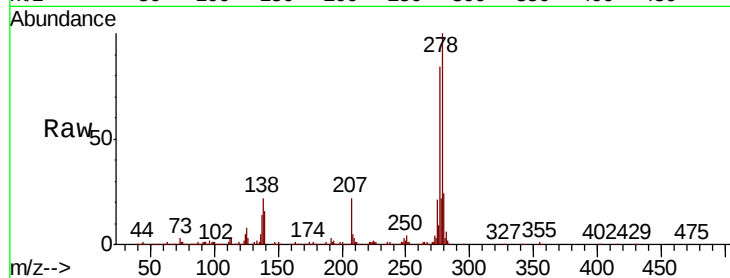
139 16.2 13.7 20.5

279 23.6 18.6 28.0

Manual Integrations
APPROVED

mohammad

9/26/2019 3:54:44 PM

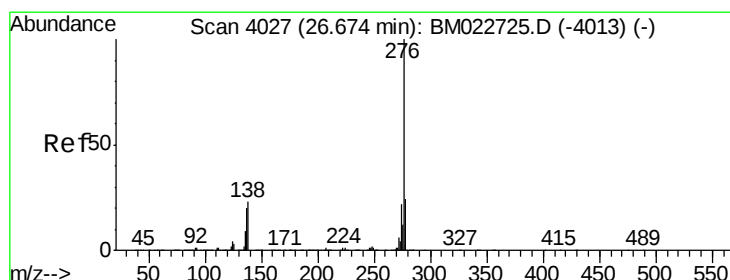
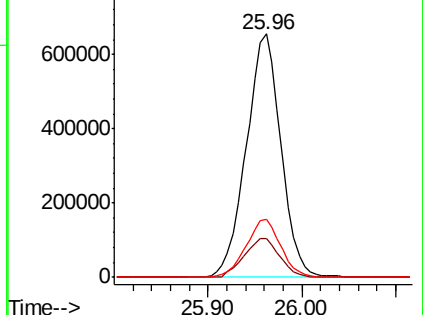
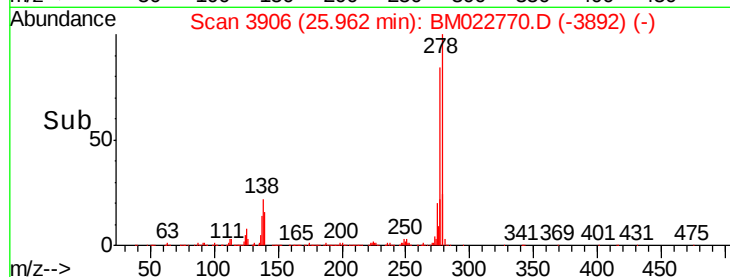


Abundance

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: 44.255 ng

RT: 26.65 min Scan# 4023

Delta R.T. -0.02 min

Lab File: BM022770.D

Acq: 25 Sep 2019 14:13

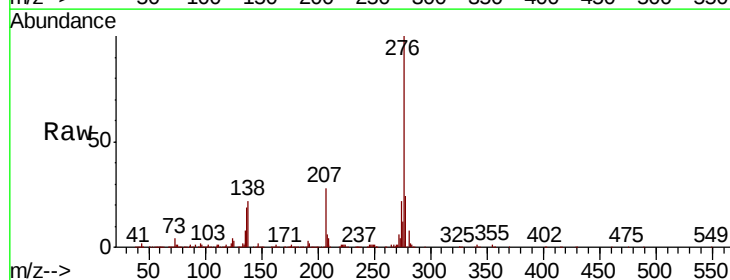
Tgt Ion:276 Resp: 1618198

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 21.8 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

