

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020610.D
 Acq On : 29 May 2019 21:39
 Operator : JU/SJ
 Sample : K2643-10MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Quant Time: May 30 01:59:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 16:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	57124	20.00	ng	-0.04
21) Naphthalene-d8	10.42	136	188255	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	124843	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	295782	20.00	ng	-0.04
76) Chrysene-d12	21.24	240	341765	20.00	ng	-0.04
87) Perylene-d12	23.46	264	403877	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	407105	139.81	ng	-0.04
7) Phenol-d6	6.80	99	479999	109.22	ng	-0.04
23) Nitrobenzene-d5	8.80	82	405502	90.41	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	326136	130.39	ng	-0.04
45) 2-Fluorobiphenyl	12.90	172	909186	91.38	ng	-0.04
79) Terphenyl-d14	19.67	244	1634323	86.45	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.14	88	66696	43.772	ng	# 69
3) Pyridine	3.56	79	122990	27.780	ng	95
4) n-Nitrosodimethylamine	3.47	42	48234	44.638	ng	# 97
6) Aniline	6.97	93	34690	5.457	ng	96
8) 2-Chlorophenol	7.19	128	147776	41.504	ng	99
9) Benzaldehyde	6.79	77	70559	25.148	ng	99
10) Phenol	6.83	94	165438	34.860	ng	97
11) bis(2-Chloroethyl)ether	7.06	93	137682	38.876	ng	97
12) 1,3-Dichlorobenzene	7.51	146	175268	38.437	ng	97
13) 1,4-Dichlorobenzene	7.66	146	170283	37.361	ng	97
14) 1,2-Dichlorobenzene	7.97	146	173334	37.934	ng	96
15) Benzyl Alcohol	7.88	79	118214	29.068	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.16	45	83906	33.992	ng	95
17) 2-Methylphenol	8.07	107	109355	34.903	ng	97
18) Hexachloroethane	8.68	117	72404	39.216	ng	94
19) n-Nitroso-di-n-propylamine	8.44	70	134322	34.420	ng	100
20) 3+4-Methylphenols	8.41	107	143344	34.115	ng	95
22) Acetophenone	8.46	105	225909	43.578	ng	98
24) Nitrobenzene	8.84	77	200464	45.256	ng	96
25) Isophorone	9.36	82	357330	42.816	ng	99
26) 2-Nitrophenol	9.55	139	65980	40.370	ng	97
27) 2,4-Dimethylphenol	9.60	122	110736	45.482	ng	97
28) bis(2-Chloroethoxy)methane	9.84	93	171204	39.408	ng	97
29) 2,4-Dichlorophenol	10.07	162	137657	42.510	ng	99
30) 1,2,4-Trichlorobenzene	10.27	180	198648	44.866	ng	99
31) Naphthalene	10.46	128	425045	43.728	ng	99
32) Benzoic acid	9.73	122	6426	13.179	ng	# 86
33) 4-Chloroaniline	10.62	127	10306	2.656	ng	94
34) Hexachlorobutadiene	10.72	225	156371	47.502	ng	98
35) Caprolactam	11.40	113	22312	20.936	ng	89
36) 4-Chloro-3-methylphenol	11.72	107	137600	39.048	ng	96
37) 2-Methylnaphthalene	12.09	142	308981	41.609	ng	98
38) 1-Methylnaphthalene	12.30	142	303171	42.136	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	257182	49.005	ng	100

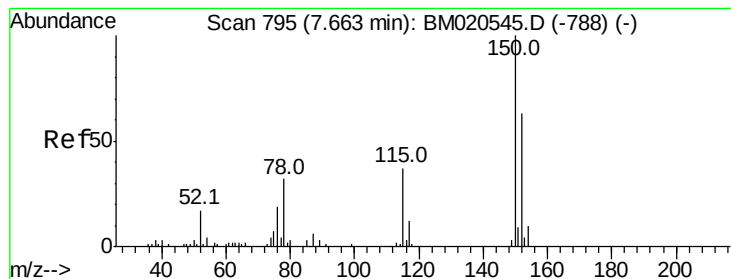
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
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 QLast Update : Fri May 24 16:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	141409	57.567	ng	98
43) 2,4,6-Trichlorophenol	12.71	196	142707	43.940	ng	96
44) 2,4,5-Trichlorophenol	12.79	196	140660	46.379	ng	98
46) 1,1'-Biphenyl	13.11	154	432204	44.951	ng	99
47) 2-Chloronaphthalene	13.16	162	351732	43.153	ng	99
48) 2-Nitroaniline	13.39	65	78325	32.627	ng	96
49) Acenaphthylene	14.01	152	525028	42.357	ng	100
50) Dimethylphthalate	13.75	163	453495	41.011	ng	100
51) 2,6-Dinitrotoluene	13.89	165	94589	41.041	ng	93
52) Acenaphthene	14.35	154	310180	41.526	ng	99
53) 3-Nitroaniline	14.24	138	15788	12.366	ng	99
54) 2,4-Dinitrophenol	14.45	184	26982	26.446	ng	94
55) Dibenzofuran	14.69	168	554442	42.894	ng	97
56) 4-Nitrophenol	14.54	139	73334	51.649	ng	99
57) 2,4-Dinitrotoluene	14.68	165	126243	37.931	ng	# 88
58) Fluorene	15.34	166	437845	40.778	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	151768	43.006	ng	99
60) Diethylphthalate	15.12	149	432007	39.652	ng	100
61) 4-Chlorophenyl-phenylether	15.33	204	290747	42.415	ng	98
62) 4-Nitroaniline	15.40	138	41743	21.547	ng	97
63) Azobenzene	15.63	77	446840	42.148	ng	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	38406	24.127	ng	98
66) n-Nitrosodiphenylamine	15.56	169	374625	46.711	ng	99
67) 4-Bromophenyl-phenylether	16.23	248	180769	45.877	ng	97
68) Hexachlorobenzene	16.33	284	219727	45.993	ng	100
69) Atrazine	16.52	200	146259	44.324	ng	98
70) Pentachlorophenol	16.69	266	228233	92.488	ng	98
71) Phenanthrene	17.08	178	695956	43.312	ng	100
72) Anthracene	17.17	178	662447	42.511	ng	100
73) Carbazole	17.46	167	525792	39.317	ng	99
74) Di-n-butylphthalate	18.00	149	670658	40.768	ng	99
75) Fluoranthene	19.10	202	907742	40.624	ng	99
77) Benzidine	19.33	184	47100	7.499	ng	96
78) Pyrene	19.47	202	922072	42.975	ng	99
80) Butylbenzylphthalate	20.37	149	277561	36.817	ng	99
81) Benzo(a)anthracene	21.22	228	986814	41.719	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	176680	20.464	ng	99
83) Chrysene	21.27	228	996309	43.590	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	424165	38.604	ng	100
85) Di-n-octyl phthalate	22.02	149	757790	39.672	ng	99
86) Indeno(1,2,3-cd)pyrene	25.71	276	1375302	49.765	ng	99
88) Benzo(b)fluoranthene	22.79	252	1157543	43.789	ng	99
89) Benzo(k)fluoranthene	22.84	252	1134660	44.227	ng	99
90) Benzo(a)pyrene	23.37	252	1120275	46.054	ng	100
91) Dibenzo(a,h)anthracene	25.72	278	1228255	49.327	ng	99
92) Benzo(g,h,i)perylene	26.40	276	1148892	49.774	ng	98

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

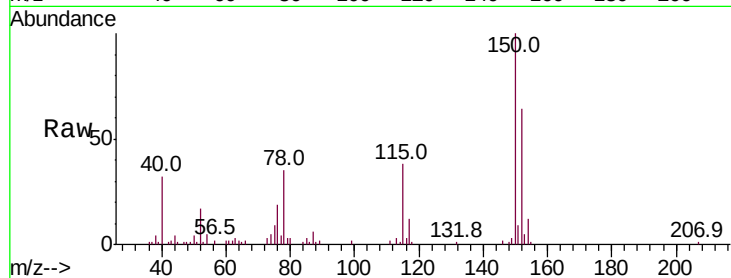


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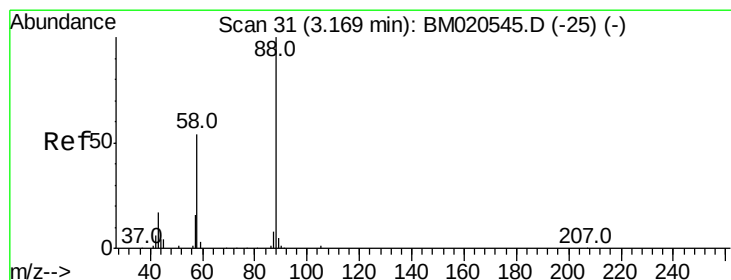
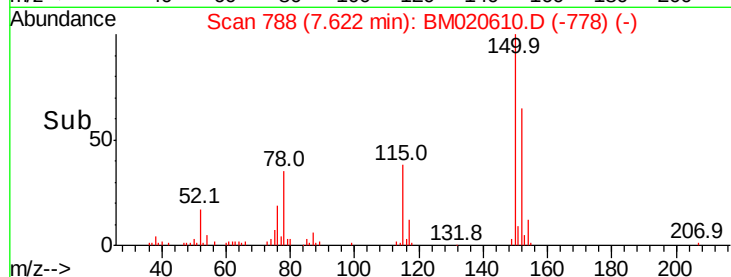
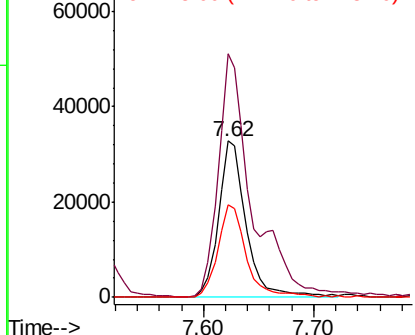
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.04 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

Tot Ion:152 Resp: 57124
Ion Ratio Lower Upper
152 100
150 156.0 126.6 190.0
115 59.5 46.6 70.0



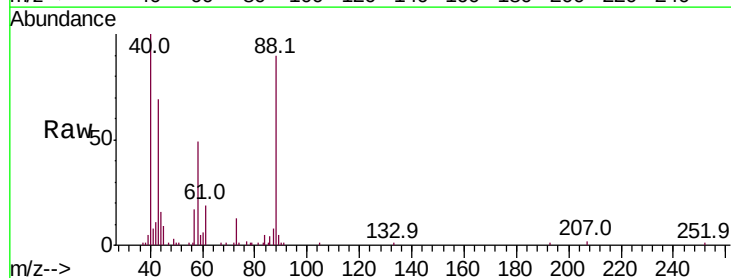
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



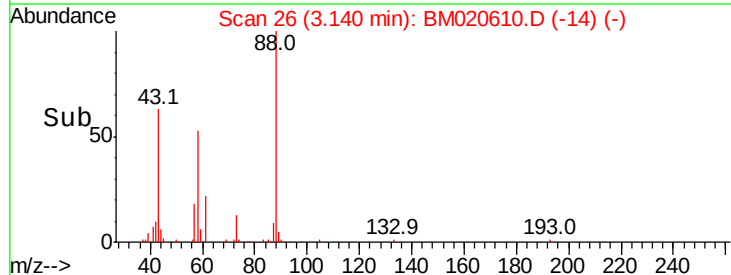
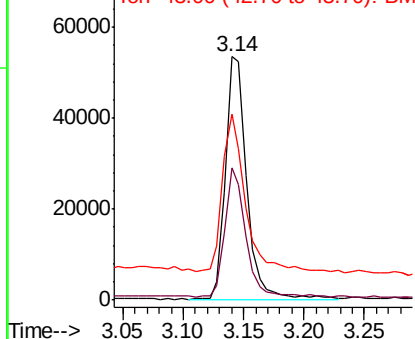
#2

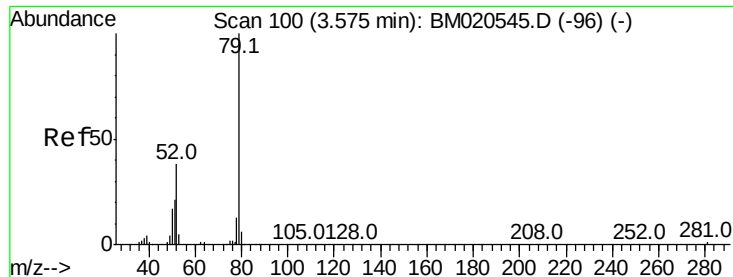
1,4-Dioxane
Concen: 43.772 ng
RT: 3.14 min Scan# 26
Delta R.T. -0.03 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion: 88 Resp: 66696
Ion Ratio Lower Upper
88 100
58 50.2 42.3 63.5
43 67.0 16.0 24.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 27.780 ng

RT: 3.56 min Scan# 97

Delta R.T. -0.02 min

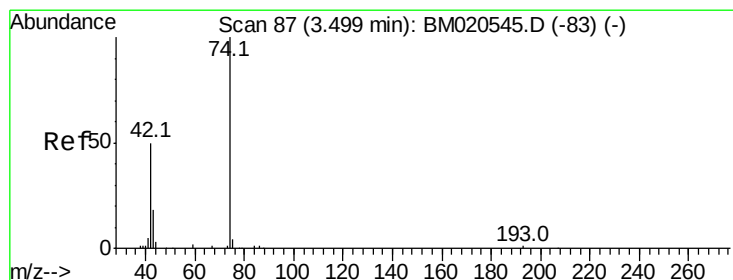
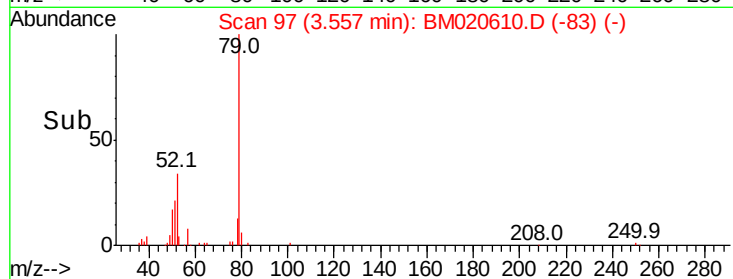
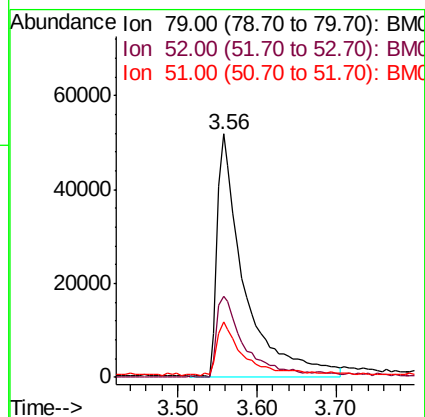
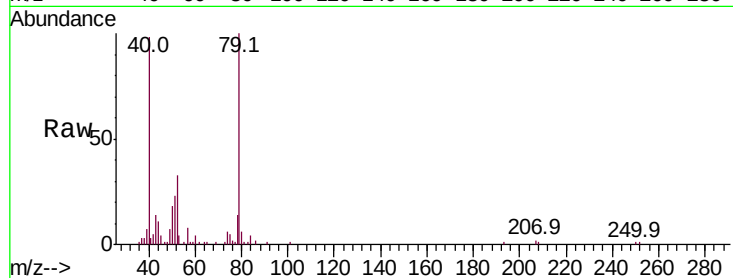
Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

Tot Ion: 79 Resp: 122990

Ion	Ratio	Lower	Upper
79	100		
52	33.3	30.1	45.1
51	22.6	17.8	26.8



#4

n-Nitrosodimethylamine

Concen: 44.638 ng

RT: 3.47 min Scan# 82

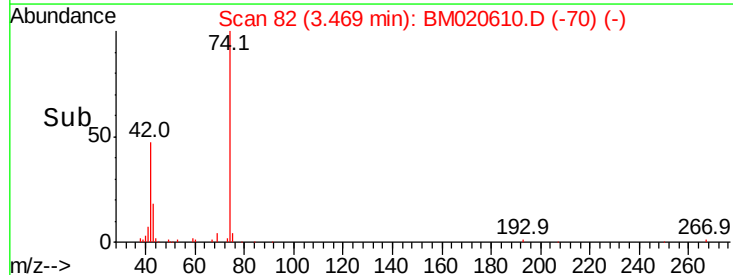
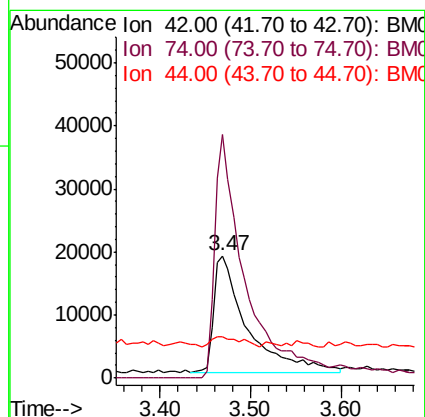
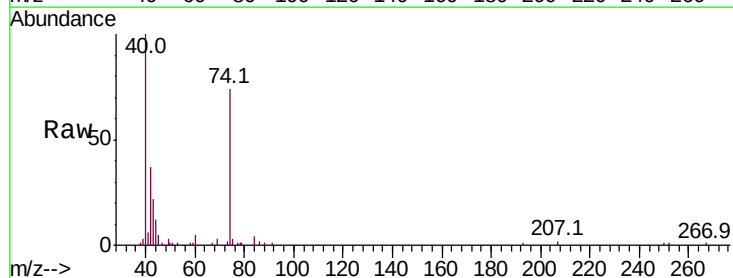
Delta R.T. -0.03 min

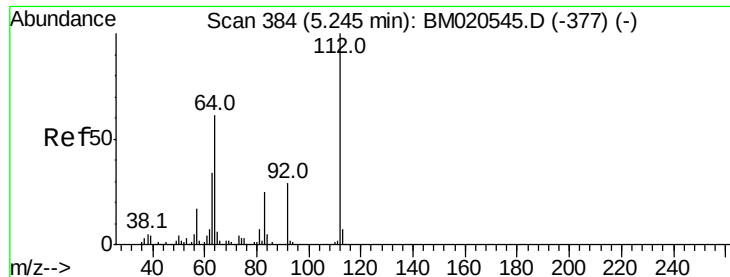
Lab File: BM020610.D

Acq: 29 May 2019 21:39

Tgt Ion: 42 Resp: 48234

Ion	Ratio	Lower	Upper
42	100		
74	199.0	161.1	241.7
44	33.5	20.9	31.3





#5

2-Fluorophenol

Concen: 139.813 ng

RT: 5.21 min Scan# 378

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

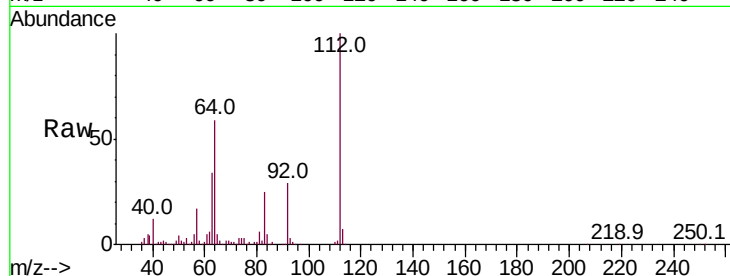
Tot Ion:112 Resp: 407105

Ion Ratio Lower Upper

112 100

64 59.1 48.6 73.0

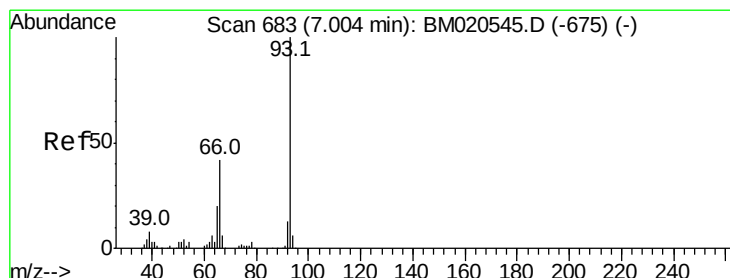
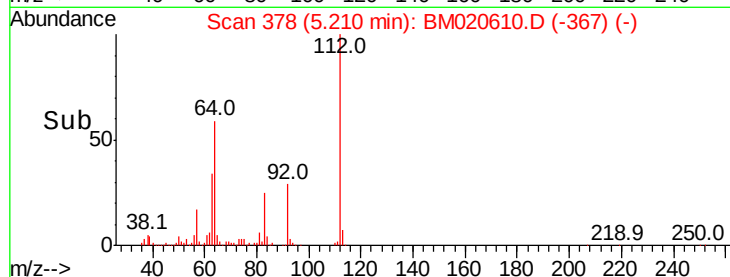
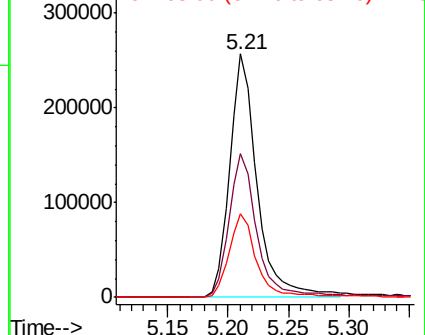
63 34.2 27.4 41.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 5.457 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

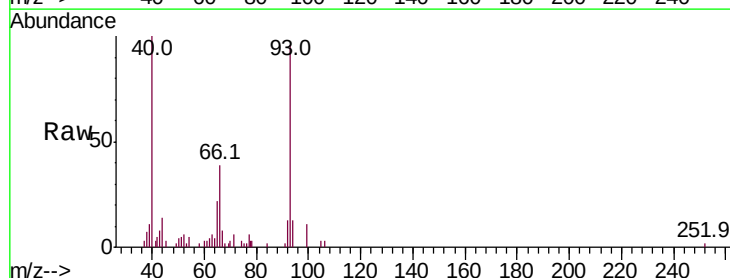
Tgt Ion: 93 Resp: 34690

Ion Ratio Lower Upper

93 100

66 41.3 34.5 51.7

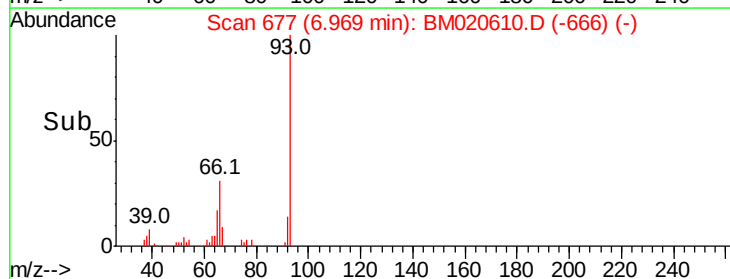
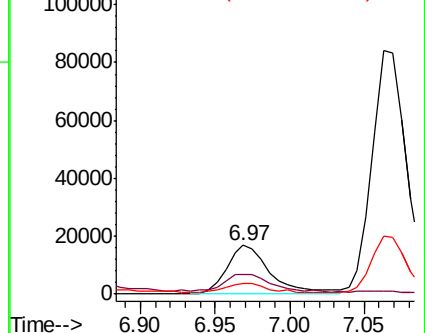
65 22.8 16.2 24.2

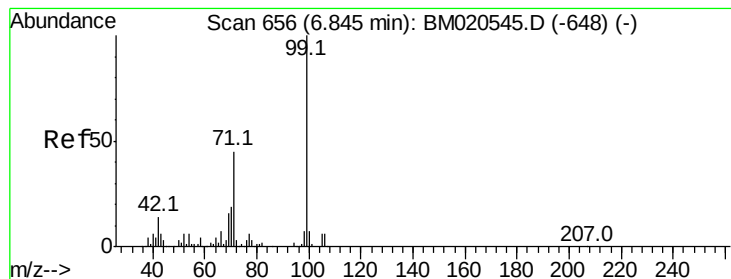


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 109.217 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

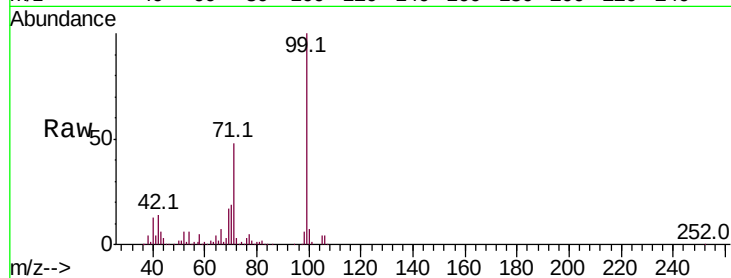
Tot Ion: 99 Resp: 479999

Ion Ratio Lower Upper

99 100

42 14.3 10.8 16.2

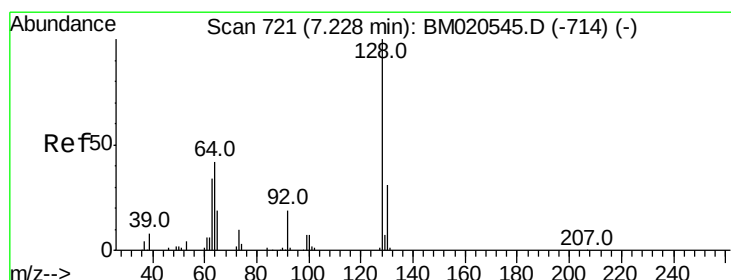
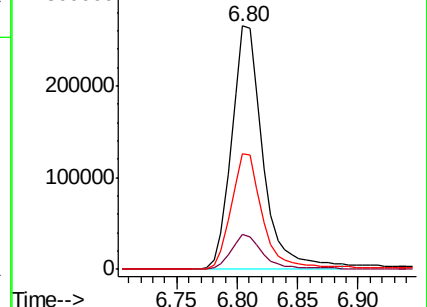
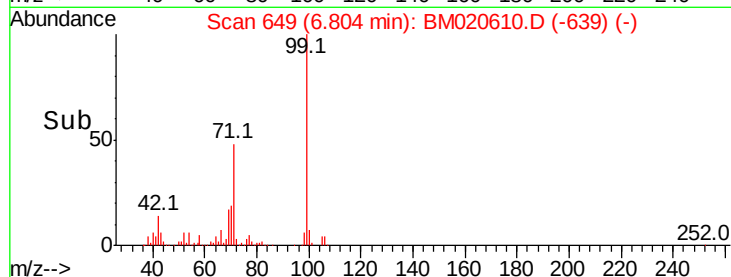
71 47.6 36.3 54.5



Abundance Ion 99.00 (98.70 to 99.70): BM020610.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM020610.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM020610.D (-639) (-)



#8

2-Chlorophenol

Concen: 41.504 ng

RT: 7.19 min Scan# 715

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

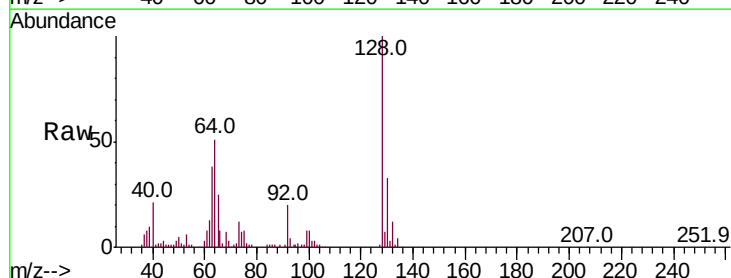
Tgt Ion: 128 Resp: 147776

Ion Ratio Lower Upper

128 100

130 32.7 11.2 51.2

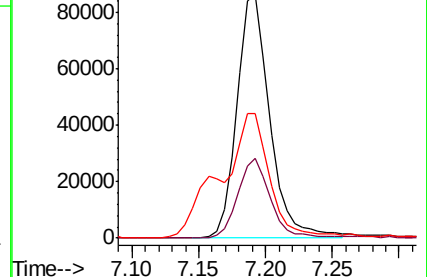
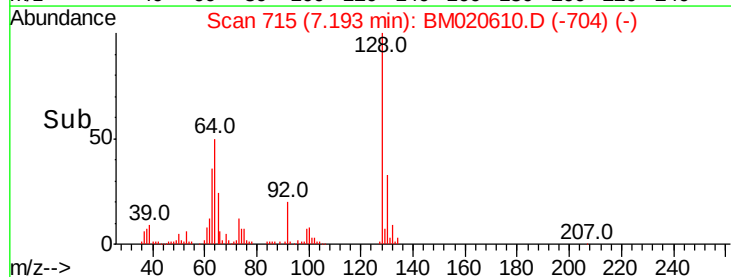
64 51.2 31.1 71.1

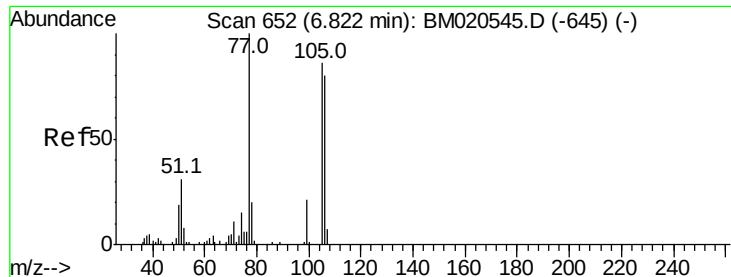


Abundance Ion 128.00 (127.70 to 128.70): BM020610.D (-704) (-)

Ion 130.00 (129.70 to 130.70): BM020610.D (-704) (-)

Ion 64.00 (63.70 to 64.70): BM020610.D (-704) (-)





#9

Benzaldehyde

Concen: 25.148 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.03 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

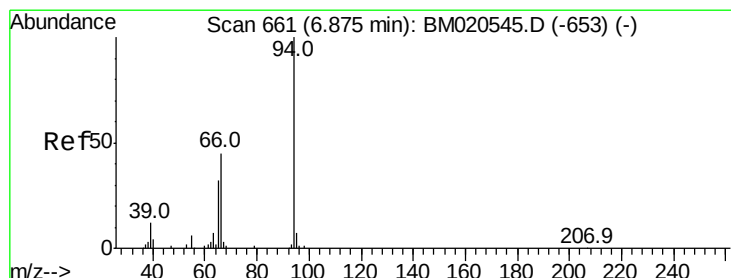
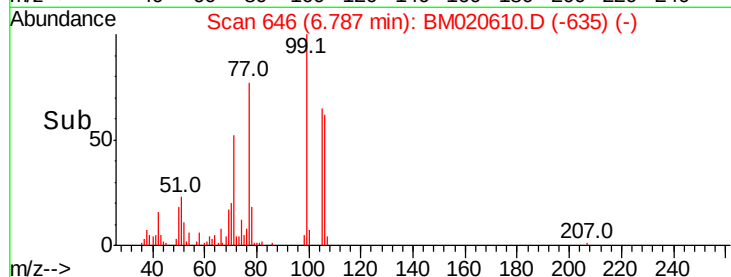
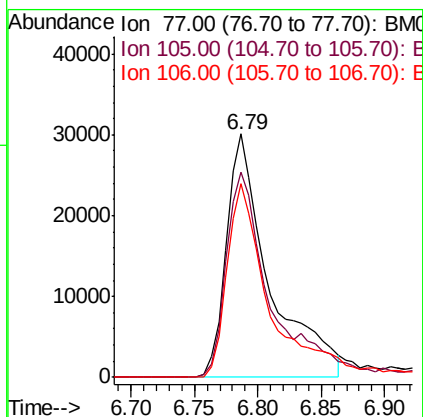
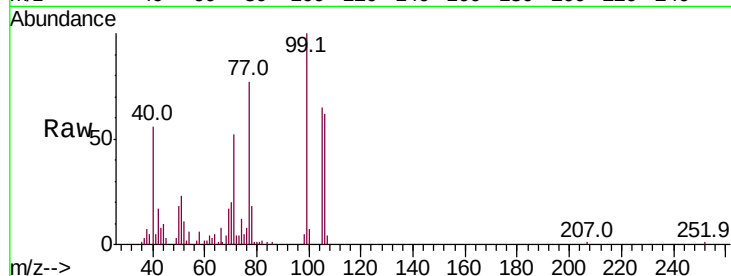
Tot Ion: 77 Resp: 70559

Ion Ratio Lower Upper

77 100

105 84.4 66.1 106.1

106 79.5 60.0 100.0



#10

Phenol

Concen: 34.860 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

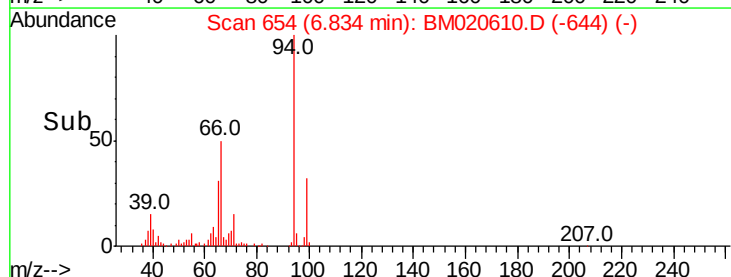
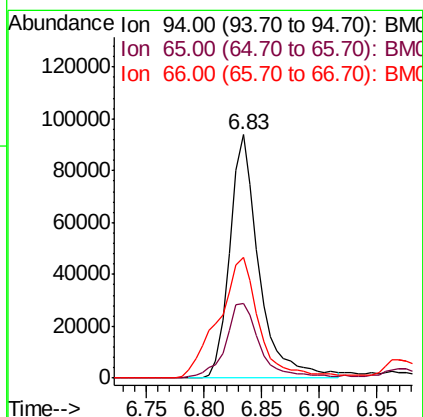
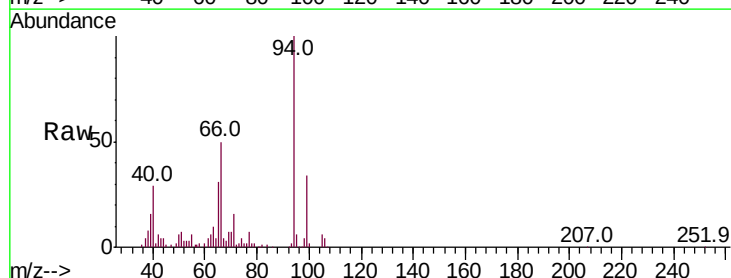
Tgt Ion: 94 Resp: 165438

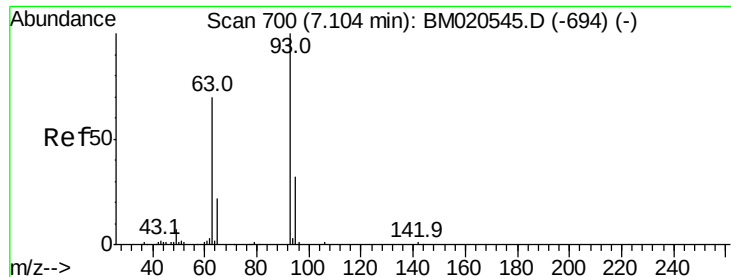
Ion Ratio Lower Upper

94 100

65 30.8 12.4 52.4

66 49.6 27.4 67.4





#11

bis(2-Chloroethyl)ether

Concen: 38.876 ng

RT: 7.06 min Scan# 693

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

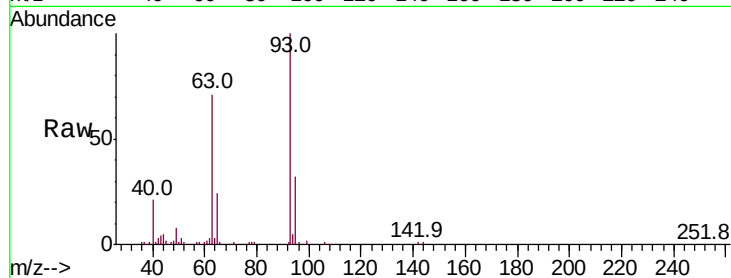
Tot Ion: 93 Resp: 137682

Ion Ratio Lower Upper

93 100

63 70.6 47.6 87.6

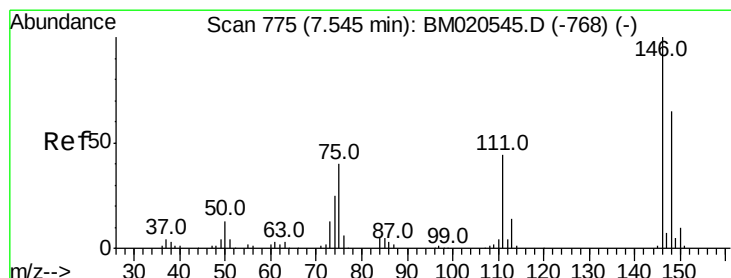
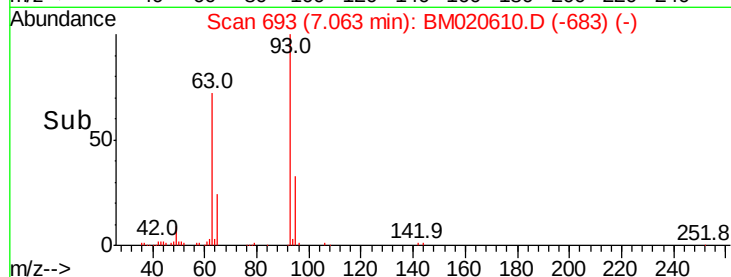
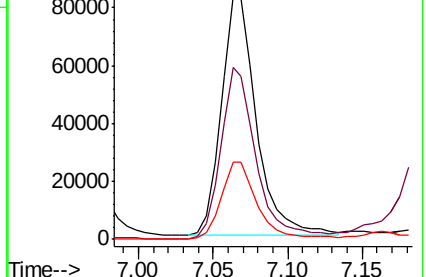
95 31.9 10.9 50.9



Abundance Ion 93.00 (92.70 to 93.70): BM020610.D (-683) (-)

Ion 63.00 (62.70 to 63.70): BM020610.D (-683) (-)

Ion 95.00 (94.70 to 95.70): BM020610.D (-683) (-)



#12

1,3-Dichlorobenzene

Concen: 38.437 ng

RT: 7.51 min Scan# 769

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

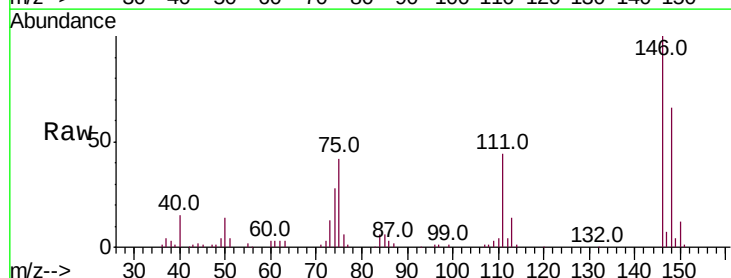
Tgt Ion: 146 Resp: 175268

Ion Ratio Lower Upper

146 100

148 66.4 51.9 77.9

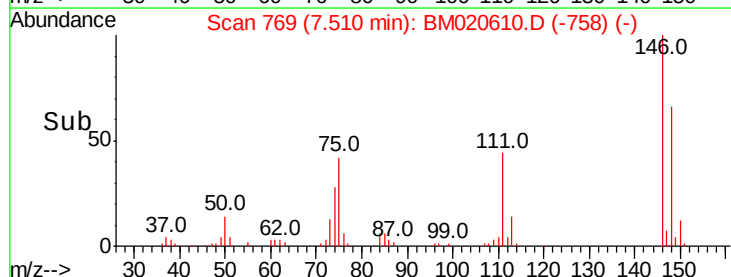
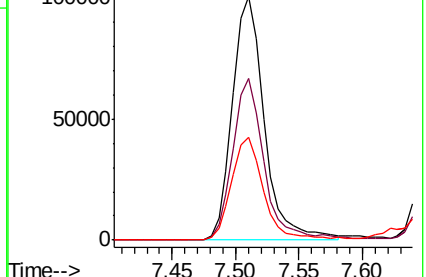
75 42.4 31.6 47.4

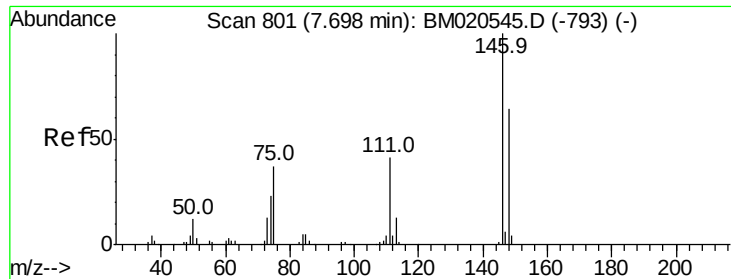


Abundance Ion 146.00 (145.70 to 146.70): BM020610.D (-758) (-)

Ion 148.00 (147.70 to 148.70): BM020610.D (-758) (-)

Ion 75.00 (74.70 to 75.70): BM020610.D (-758) (-)

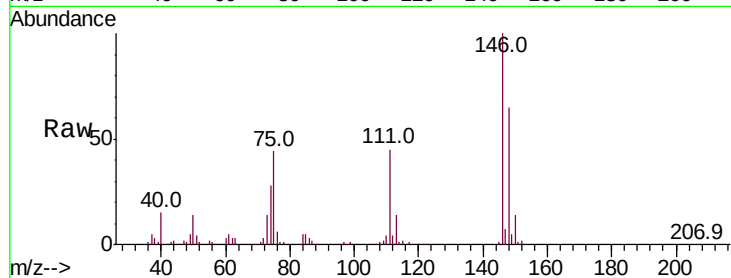




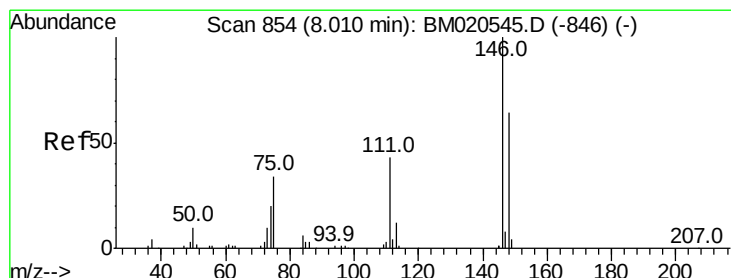
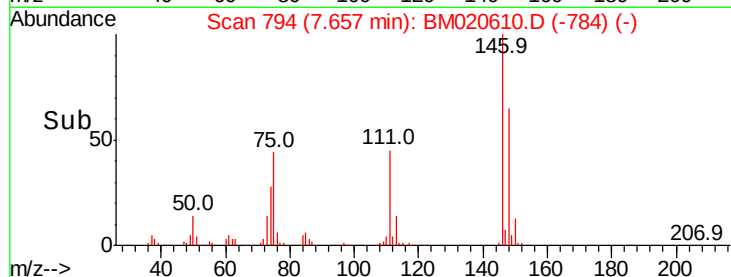
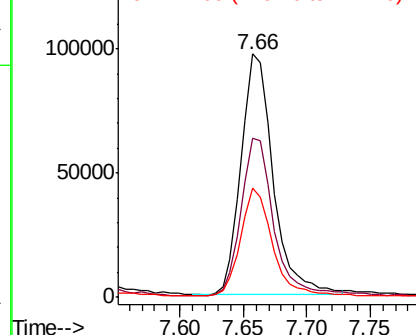
#13
 1,4-Dichlorobenzene
 Concen: 37.361 ng
 RT: 7.66 min Scan# 794
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Tot Ion:146 Resp: 170283
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.1 76.7
 111 45.1 33.5 50.3

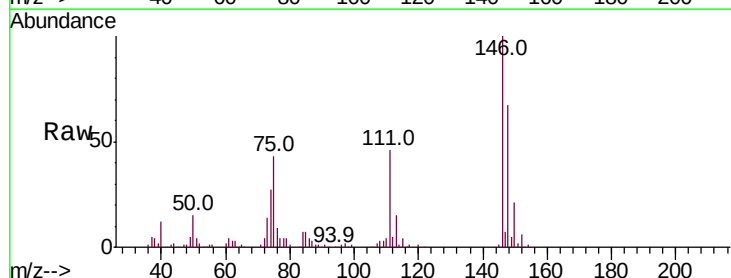


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

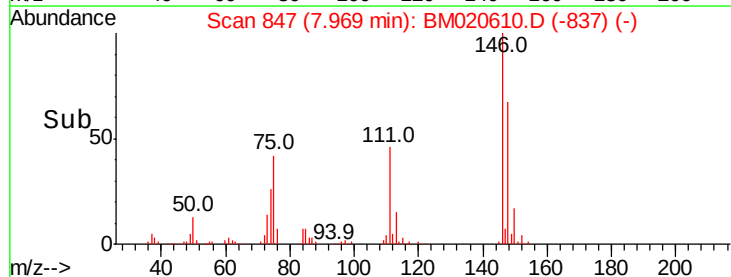
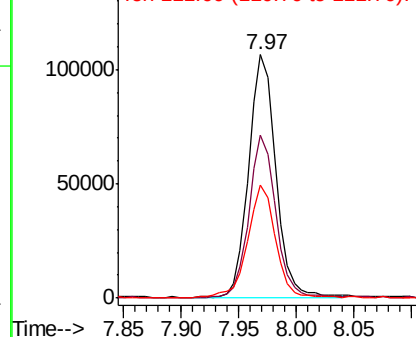


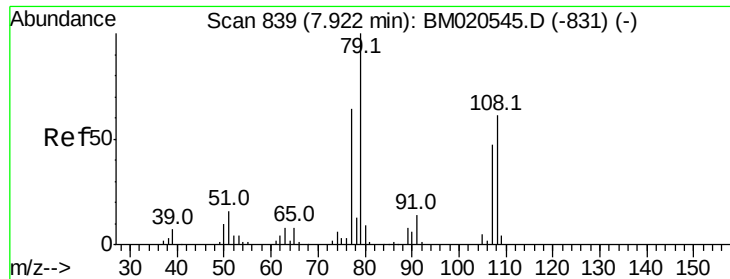
#14
 1,2-Dichlorobenzene
 Concen: 37.934 ng
 RT: 7.97 min Scan# 847
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion:146 Resp: 173334
 Ion Ratio Lower Upper
 146 100
 148 67.1 51.2 76.8
 111 46.2 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

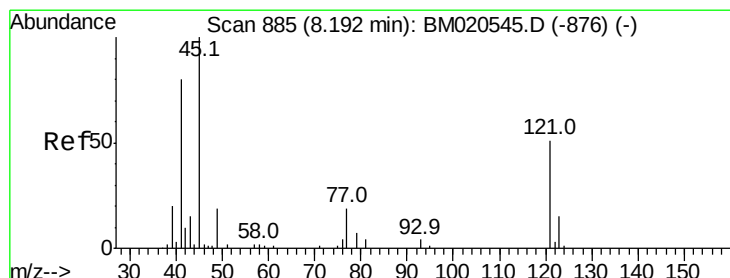
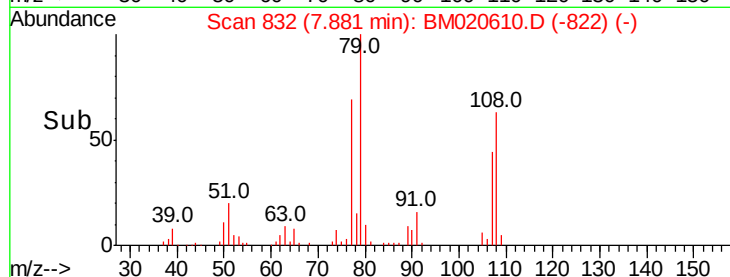
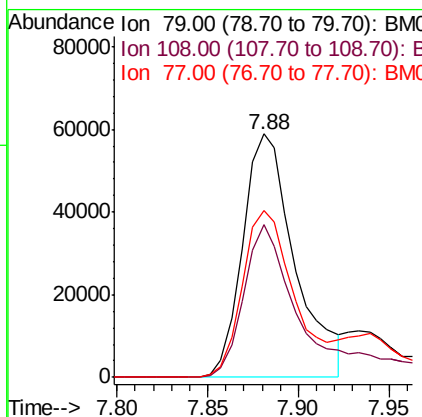
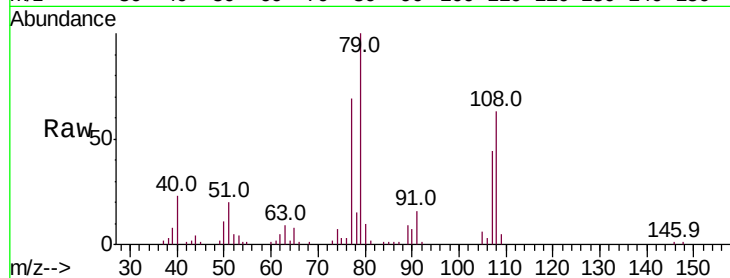




#15
Benzyl Alcohol
Concen: 29.068 ng
RT: 7.88 min Scan# 832
Delta R.T. -0.04 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

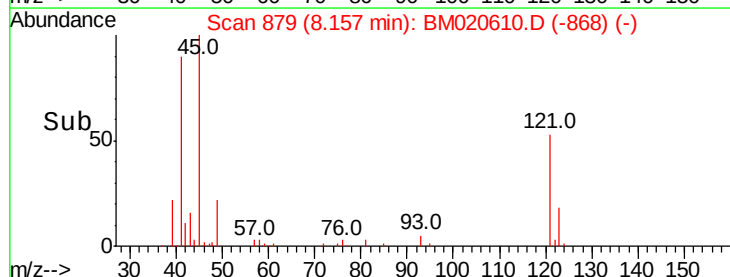
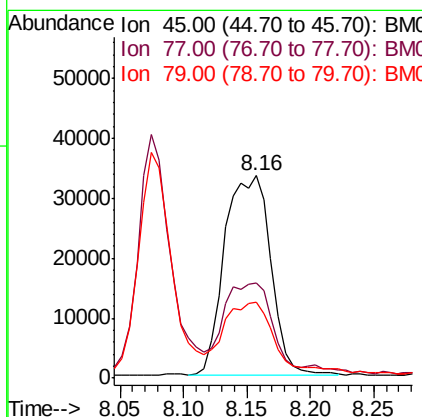
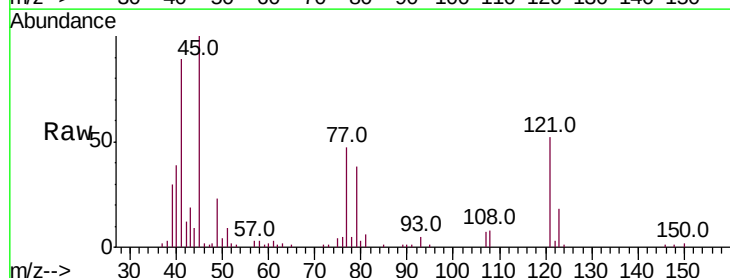
Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

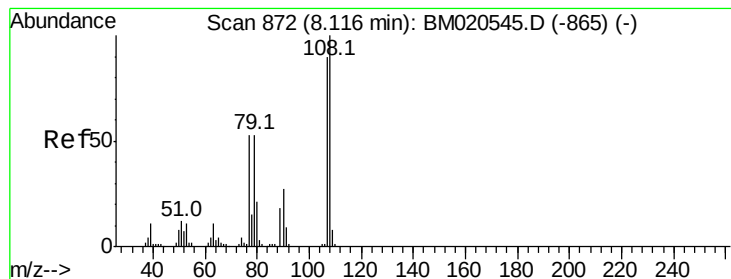
Tot Ion: 79 Resp: 118214
Ion Ratio Lower Upper
79 100
108 62.7 48.5 72.7
77 68.7 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.992 ng
RT: 8.16 min Scan# 879
Delta R.T. -0.04 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion: 45 Resp: 83906
Ion Ratio Lower Upper
45 100
77 47.2 25.0 65.0
79 37.5 13.1 53.1





#17

2-Methylphenol

Concen: 34.903 ng

RT: 8.07 min Scan# 865

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

Tot Ion:107 Resp: 109355

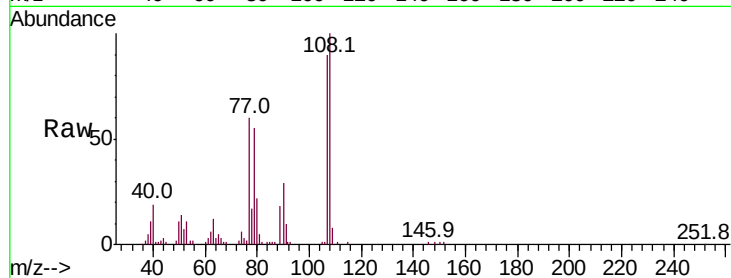
Ion Ratio Lower Upper

107 100

108 111.6 89.4 134.2

77 66.6 48.2 72.4

79 61.8 48.4 72.6

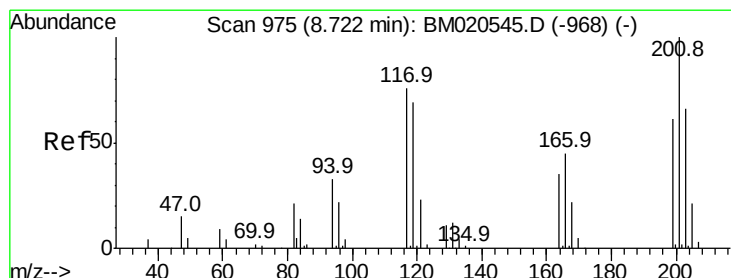
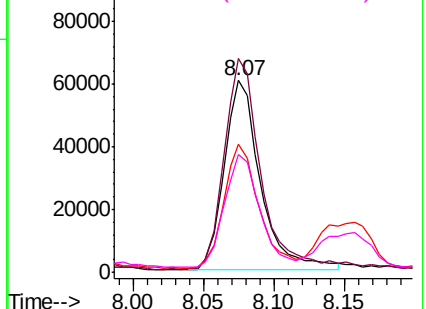
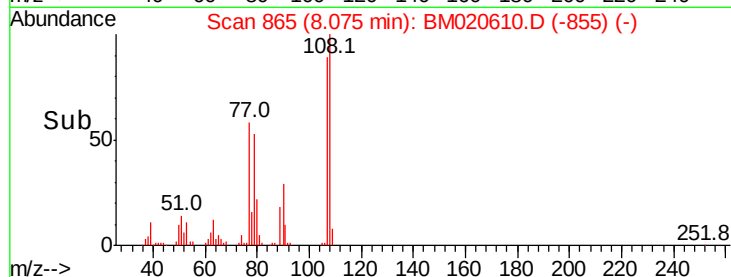


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 39.216 ng

RT: 8.68 min Scan# 968

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

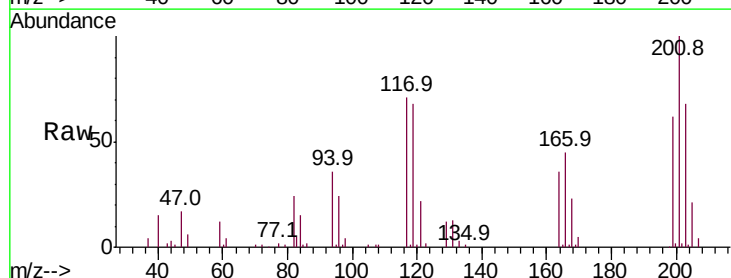
Tgt Ion:117 Resp: 72404

Ion Ratio Lower Upper

117 100

119 95.7 73.2 109.8

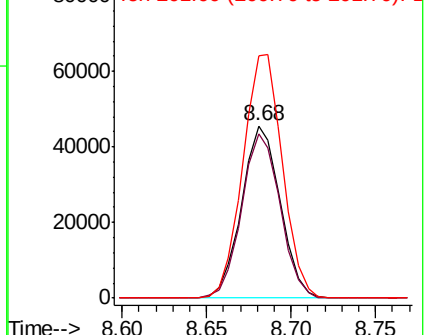
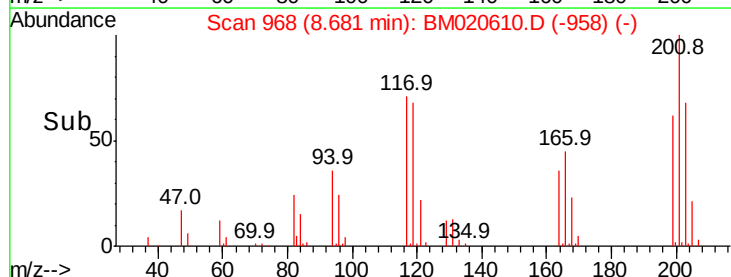
201 140.9 105.8 158.8

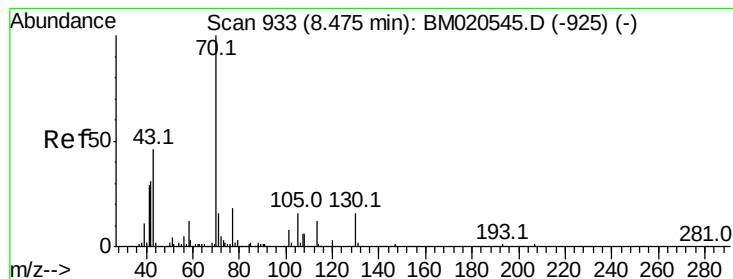


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.420 ng

RT: 8.44 min Scan# 927

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

Tot Ion: 70 Resp: 134322

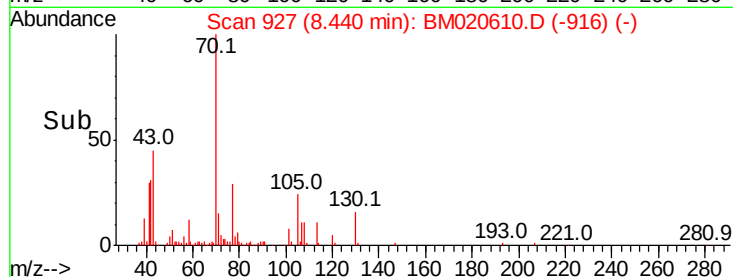
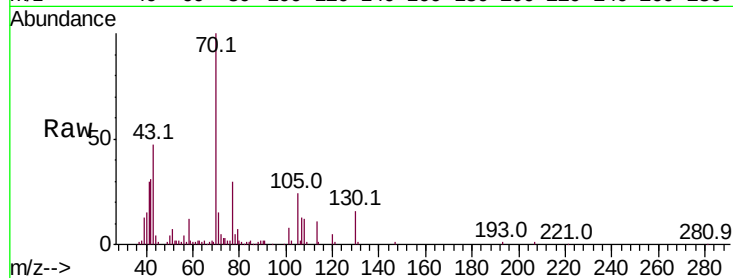
Ion Ratio Lower Upper

70 100

42 31.0 24.7 37.1

101 8.2 6.8 10.2

130 16.1 13.1 19.7



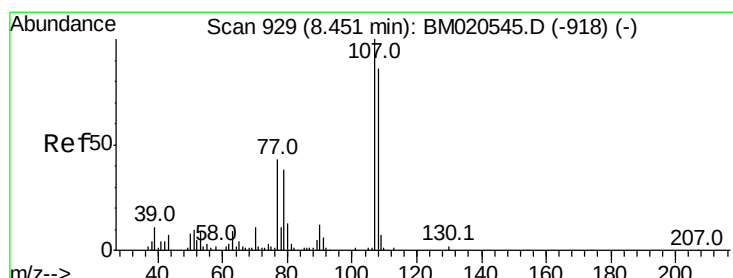
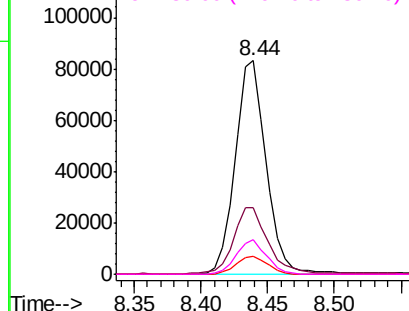
Abundance

Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 34.115 ng

RT: 8.41 min Scan# 922

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Tgt Ion:107 Resp: 143344

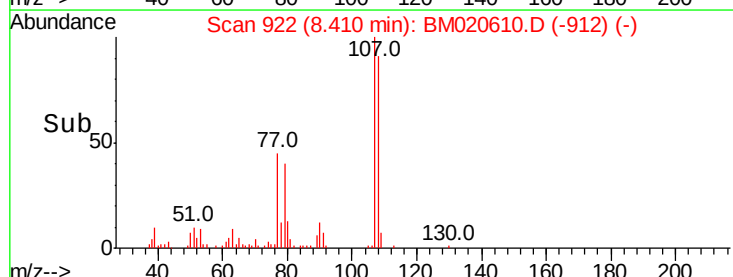
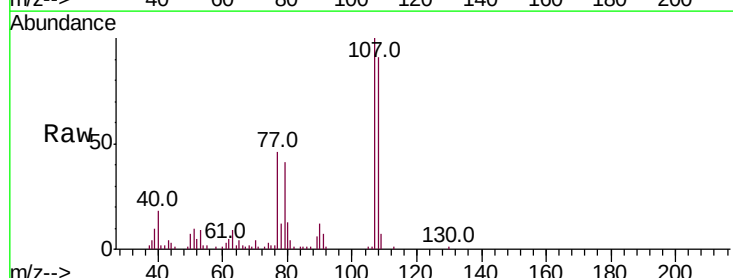
Ion Ratio Lower Upper

107 100

108 91.2 66.5 106.5

77 45.6 23.0 63.0

79 40.8 18.2 58.2



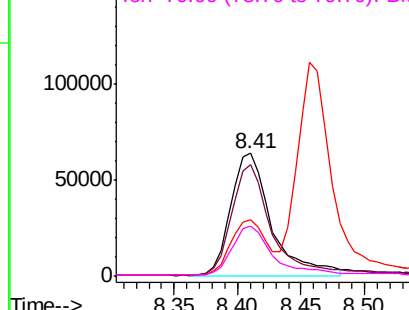
Abundance

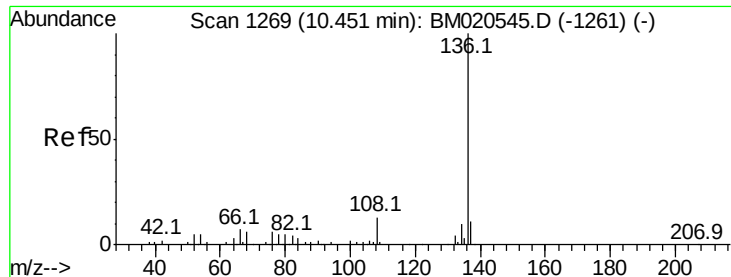
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

Tot Ion:136 Resp: 188255

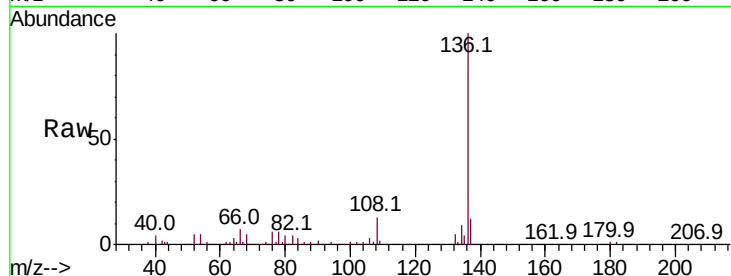
Ion Ratio Lower Upper

136 100

137 11.7 8.4 12.6

54 5.3 4.2 6.4

68 5.1 4.6 7.0

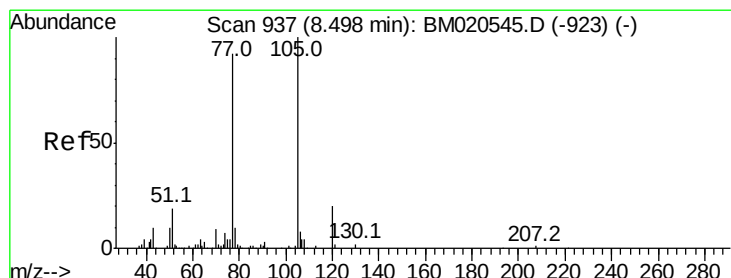
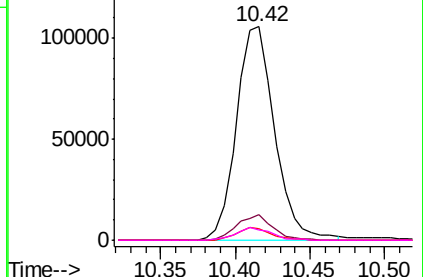
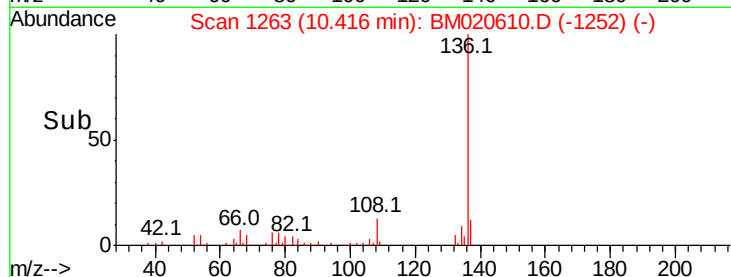


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 43.578 ng

RT: 8.46 min Scan# 930

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Tgt Ion:105 Resp: 225909

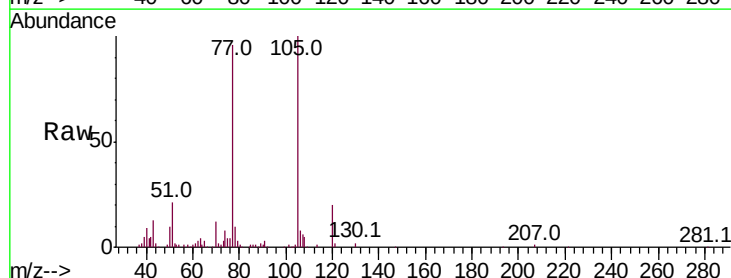
Ion Ratio Lower Upper

105 100

71 1.9 1.3 1.9

51 20.9 15.7 23.5

120 19.6 16.3 24.5

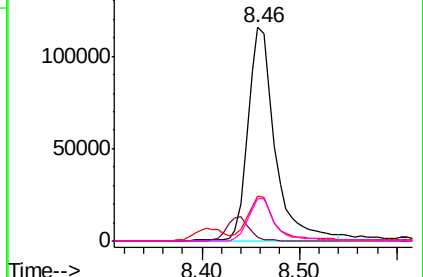
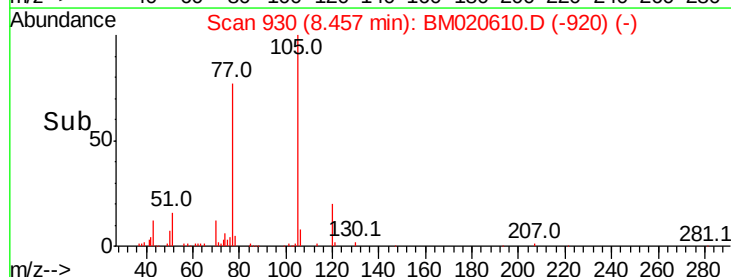


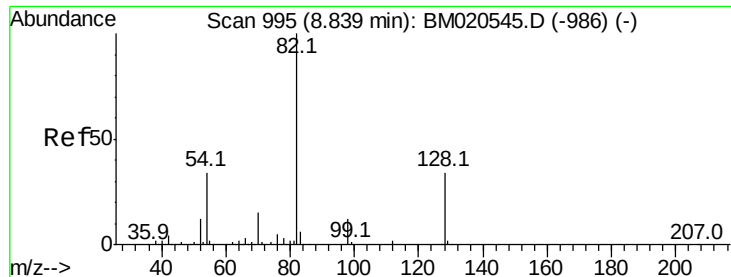
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

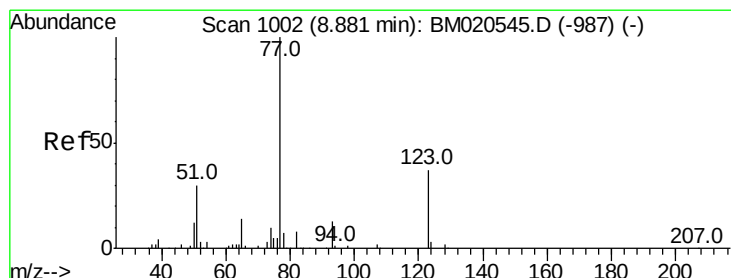
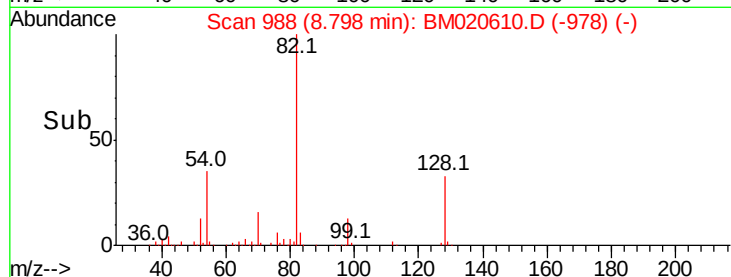
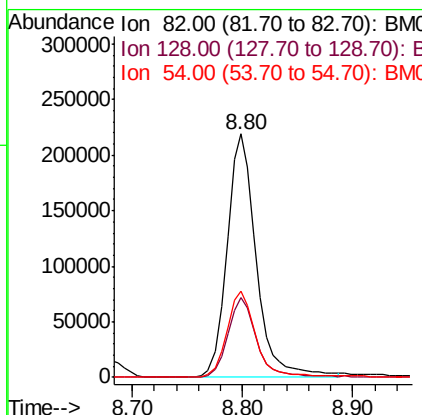
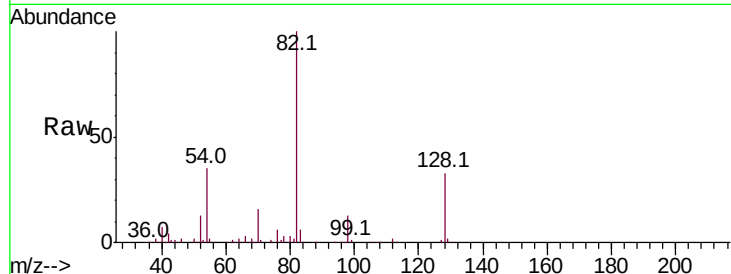




#23
Nitrobenzene-d5
Concen: 90.410 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.04 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

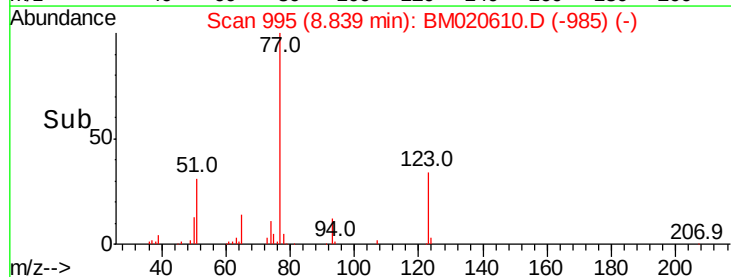
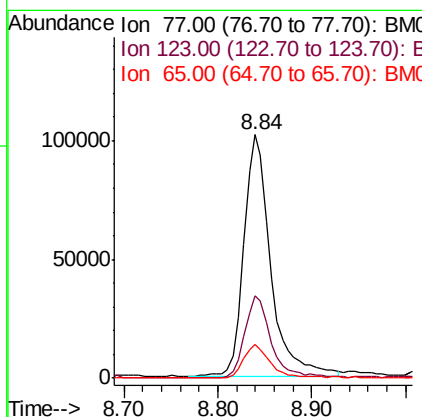
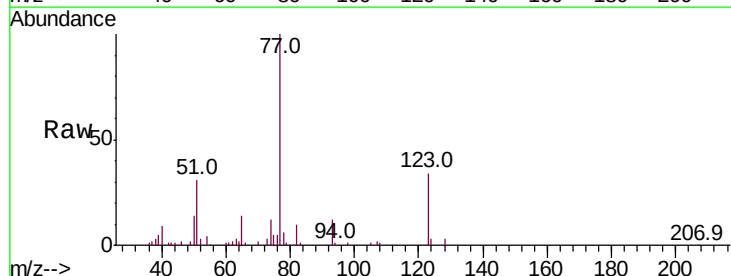
Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

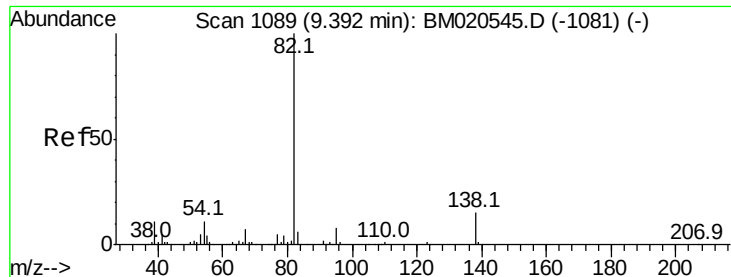
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.8	27.0	40.4
54	35.2	27.4	41.2



#24
Nitrobenzene
Concen: 45.256 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.04 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.6	29.4	44.2
65	13.9	10.8	16.2





#25

Isophorone

Concen: 42.816 ng

RT: 9.36 min Scan# 1083

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

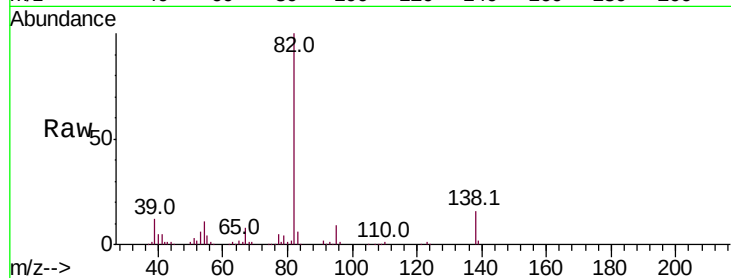
Tot Ion: 82 Resp: 357330

Ion Ratio Lower Upper

82 100

95 8.7 6.7 10.1

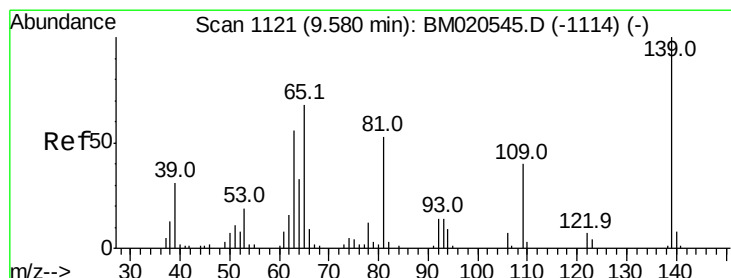
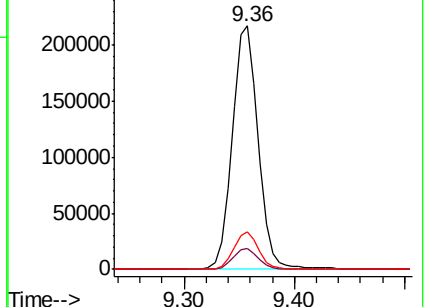
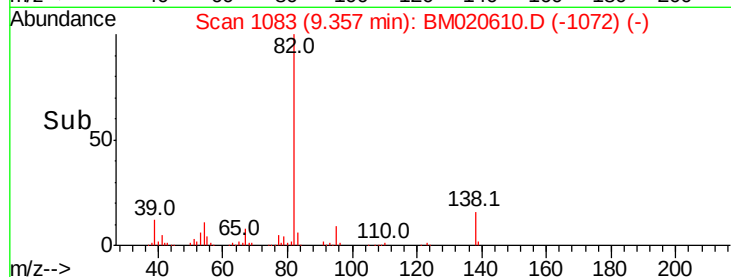
138 15.5 12.0 18.0



Abundance Ion 82.00 (81.70 to 82.70): BM020610.D (-1083) (-)

Ion 95.00 (94.70 to 95.70): BM020610.D (-1083) (-)

Ion 138.00 (137.70 to 138.70): BM020610.D (-1083) (-)



#26

2-Nitrophenol

Concen: 40.370 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

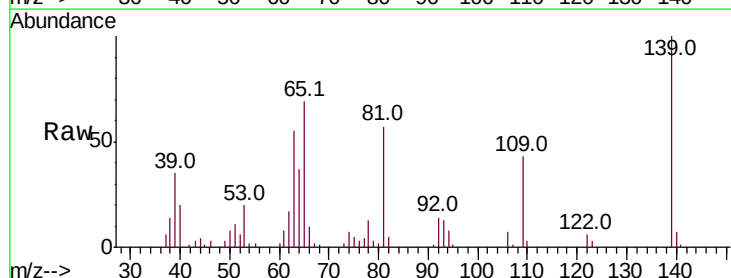
Tgt Ion: 139 Resp: 65980

Ion Ratio Lower Upper

139 100

109 43.4 32.3 48.5

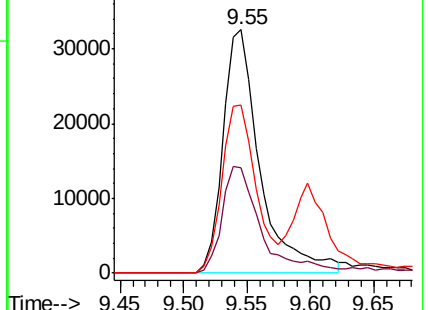
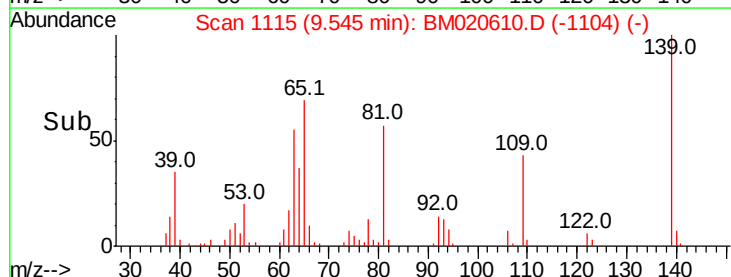
65 69.1 54.4 81.6

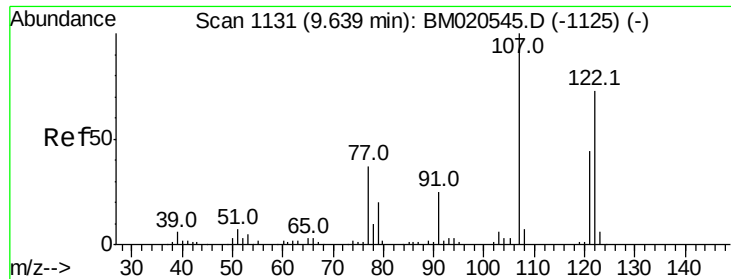


Abundance Ion 139.00 (138.70 to 139.70): BM020610.D (-1115) (-)

Ion 109.00 (108.70 to 109.70): BM020610.D (-1115) (-)

Ion 65.00 (64.70 to 65.70): BM020610.D (-1115) (-)

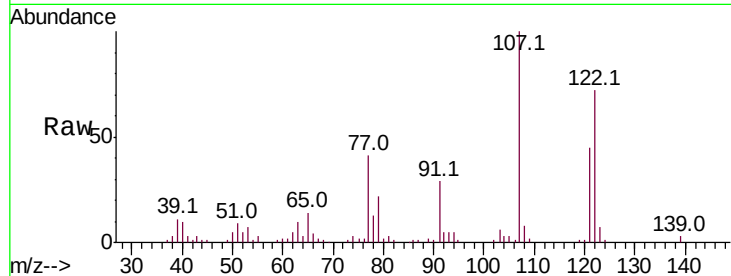




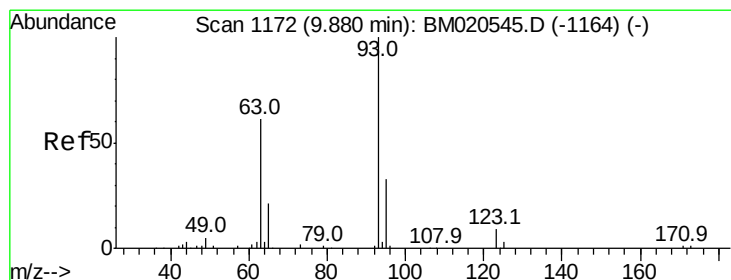
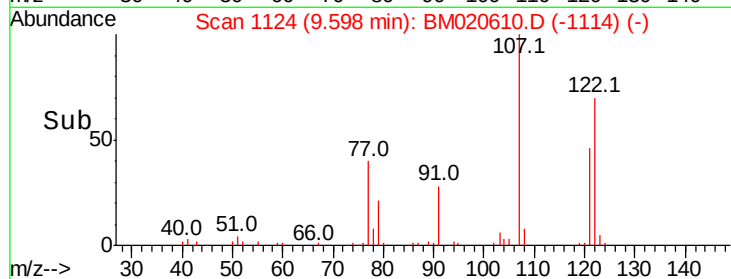
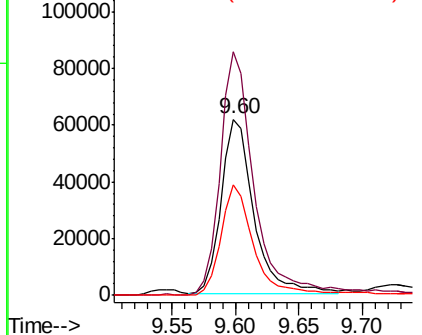
#27
 2,4-Dimethylphenol
 Concen: 45.482 ng
 RT: 9.60 min Scan# 1124
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Tot Ion:122 Resp: 110736
 Ion Ratio Lower Upper
 122 100
 107 138.1 108.2 162.2
 121 62.6 47.4 71.0

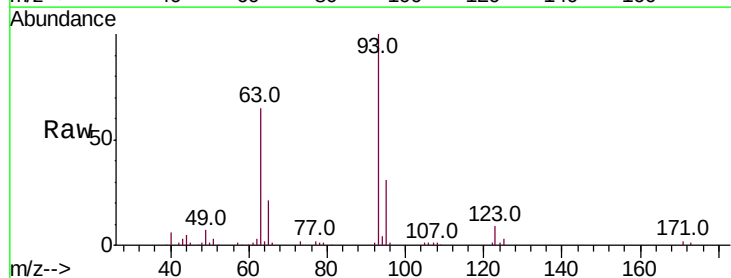


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

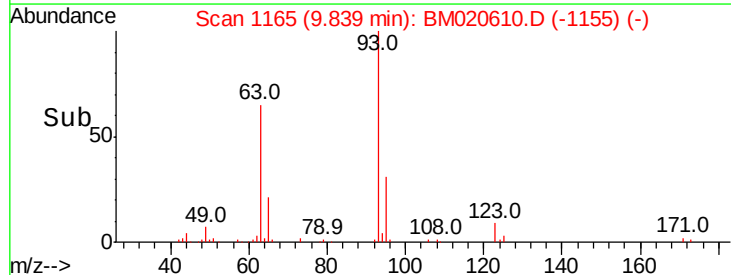
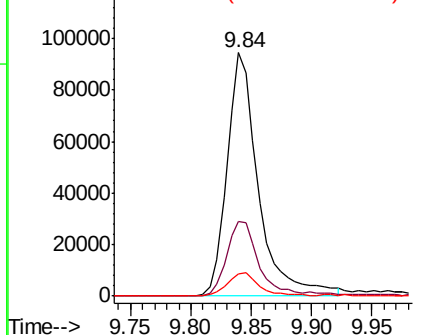


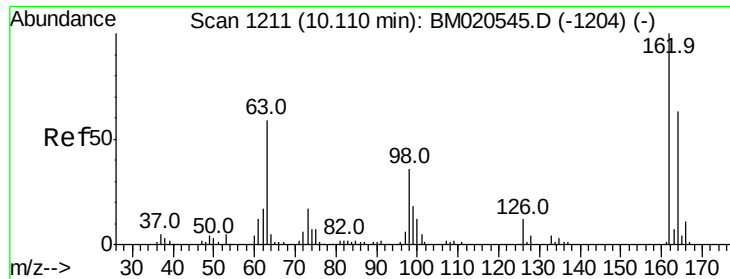
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.408 ng
 RT: 9.84 min Scan# 1165
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion: 93 Resp: 171204
 Ion Ratio Lower Upper
 93 100
 95 30.6 26.1 39.1
 123 9.2 8.1 12.1



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

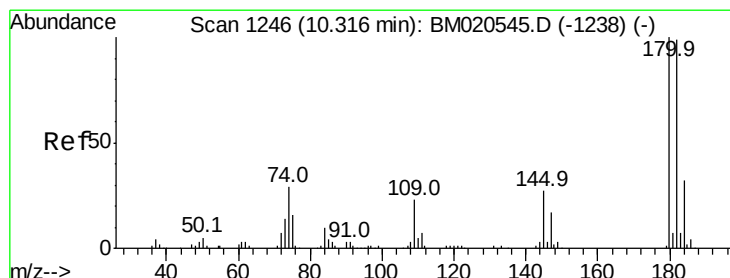
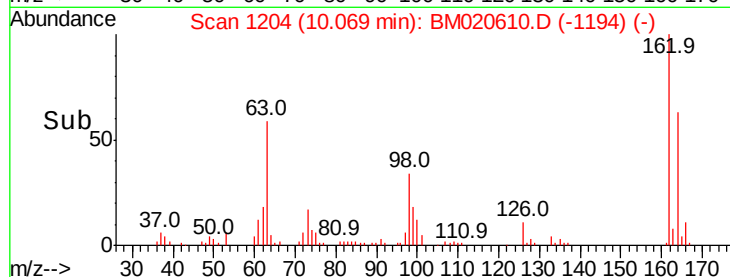
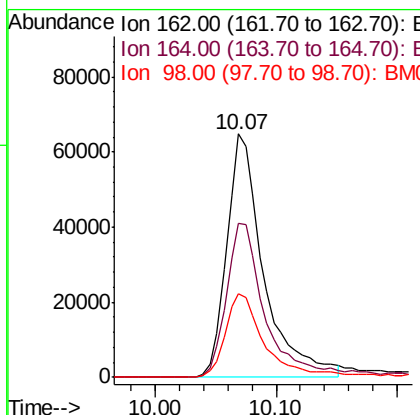
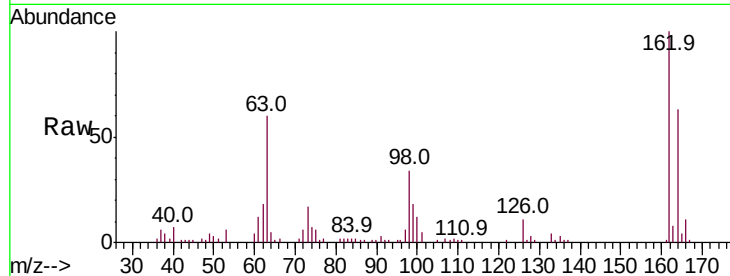




#29
 2,4-Dichlorophenol
 Concen: 42.510 ng
 RT: 10.07 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

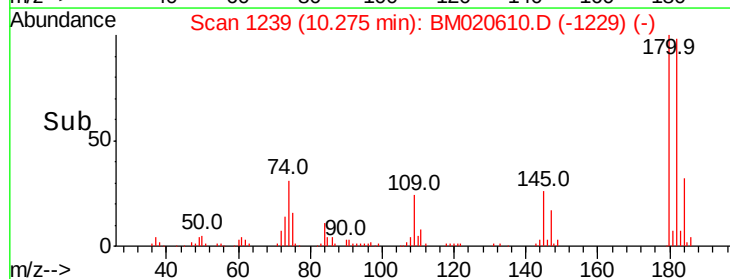
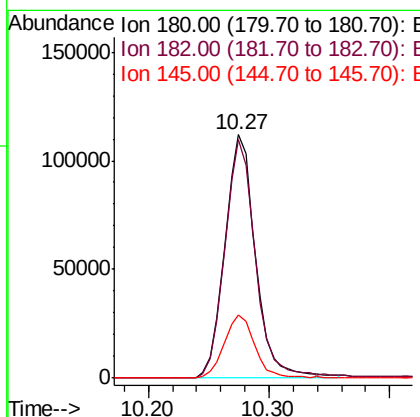
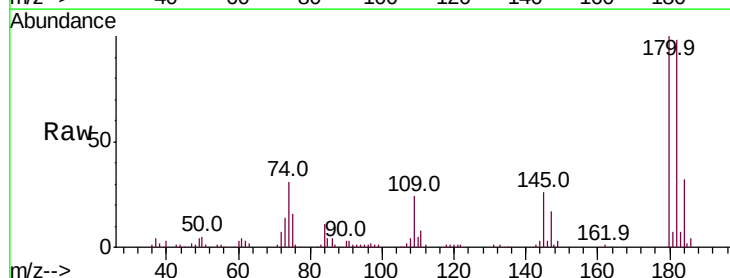
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

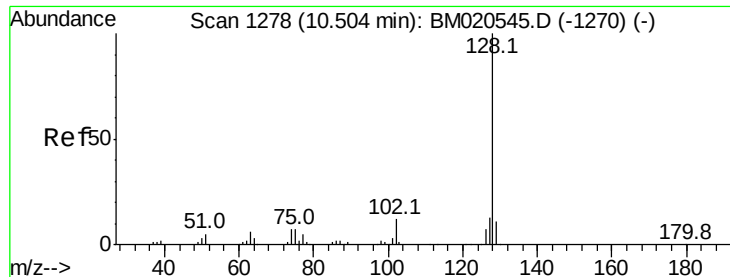
Tot Ion:	162	Resp:	137657
Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.1	83.1
98	34.4	16.2	56.2



#30
 1,2,4-Trichlorobenzene
 Concen: 44.866 ng
 RT: 10.27 min Scan# 1239
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion:	180	Resp:	198648
Ion	Ratio	Lower	Upper
180	100		
182	97.9	78.8	118.2
145	26.0	21.3	31.9

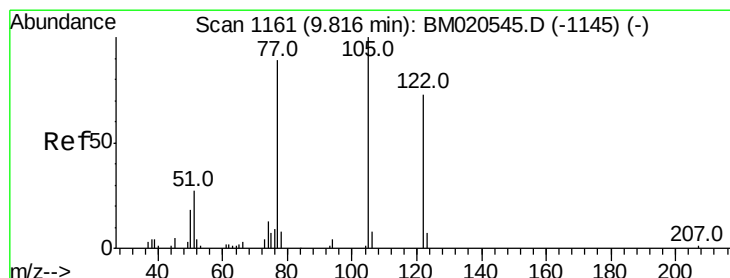
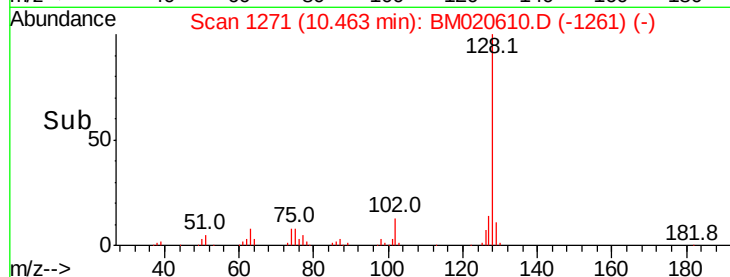
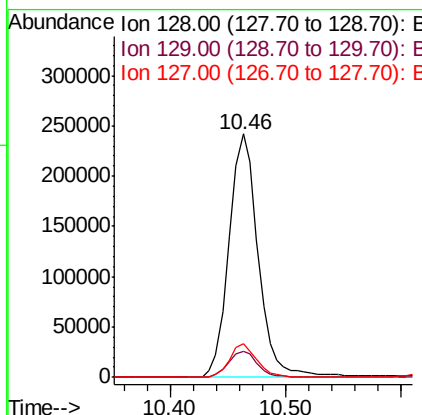
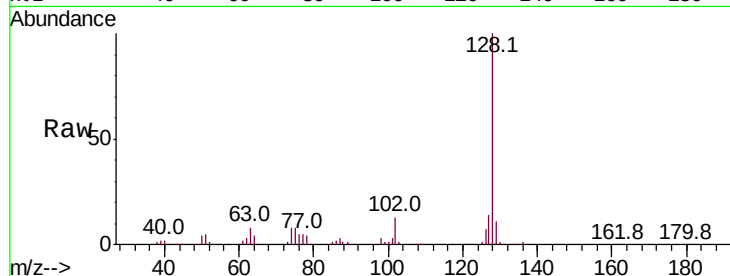




#31
Naphthalene
Concen: 43.728 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.04 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

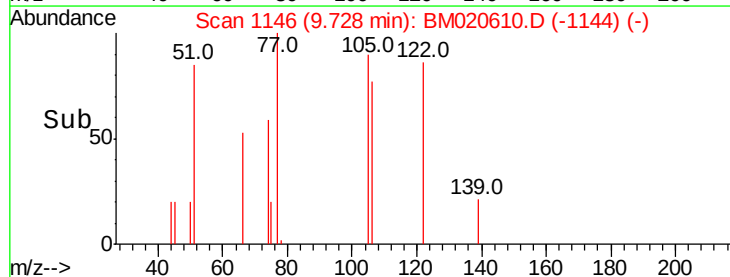
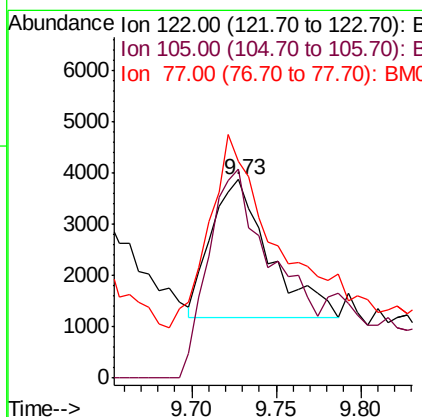
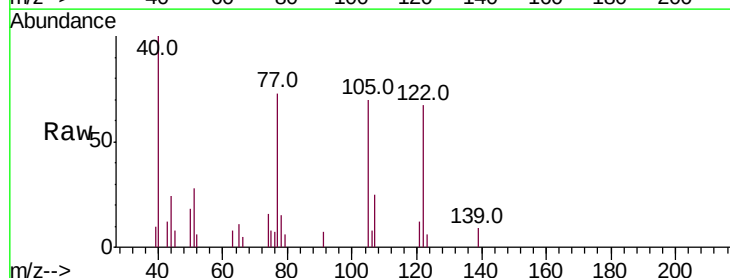
Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

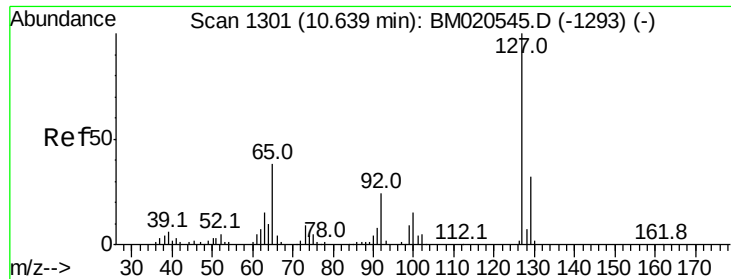
Tot Ion:128 Resp: 425045
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.6 10.4 15.6



#32
Benzoic acid
Concen: 13.179 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.09 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion:122 Resp: 6426
Ion Ratio Lower Upper
122 100
105 105.2 108.8 148.8#
77 109.4 97.8 137.8

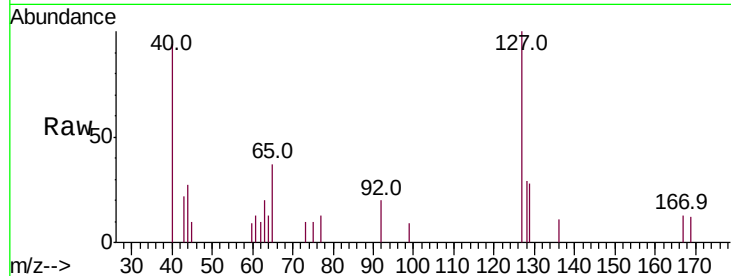




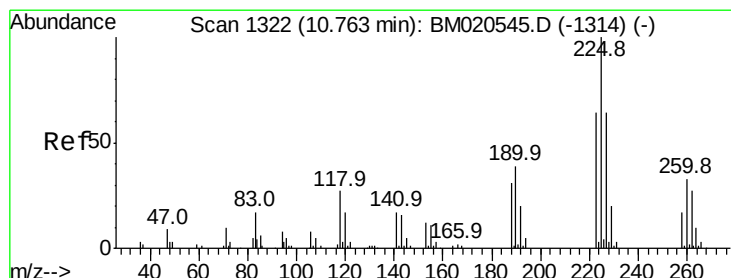
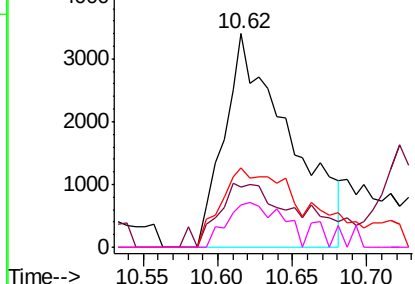
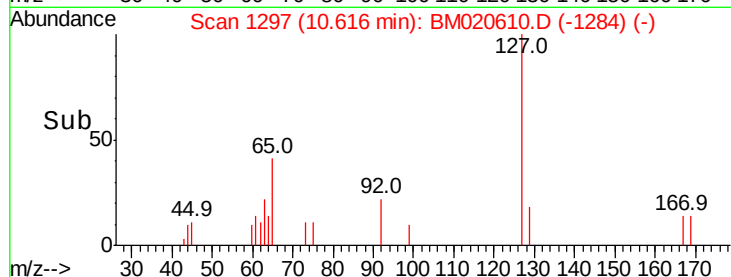
#33
4-Chloroaniline
Concen: 2.656 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

Tot Ion:	127	Resp:	10306
Ion	Ratio	Lower	Upper
127	100		
129	27.9	25.4	38.2
65	37.0	30.6	45.8
92	19.8	19.6	29.4

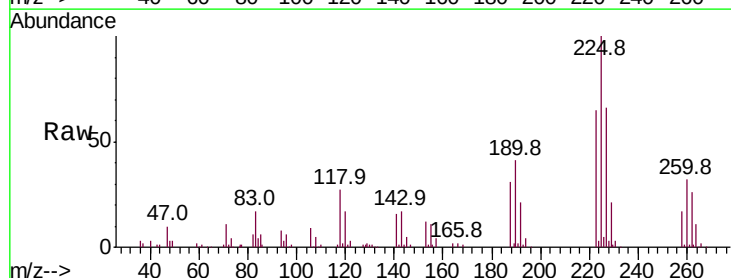


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

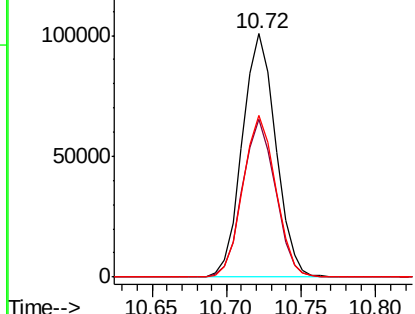
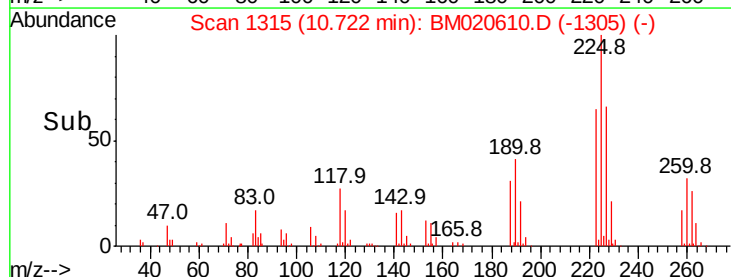


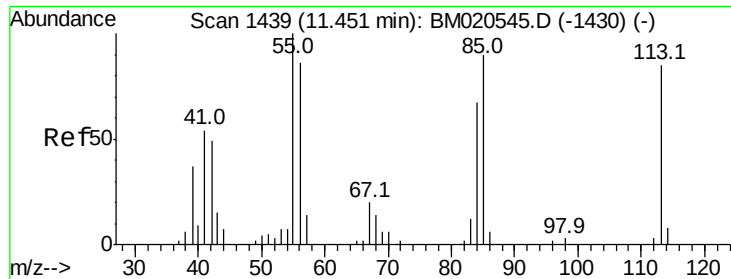
#34
Hexachlorobutadiene
Concen: 47.502 ng
RT: 10.72 min Scan# 1315
Delta R.T. -0.04 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion:	225	Resp:	156371
Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.4	77.0
227	66.2	51.0	76.6



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: 20.936 ng

RT: 11.40 min Scan# 1431

Delta R.T. -0.05 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

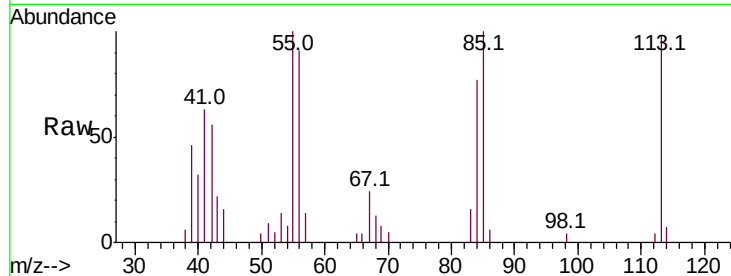
Tot Ion:113 Resp: 22312

Ion Ratio Lower Upper

113 100

55 102.3 97.6 137.6

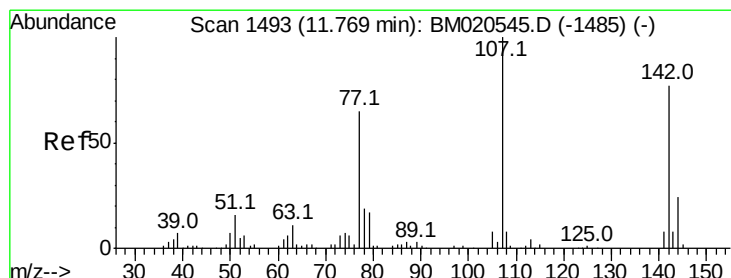
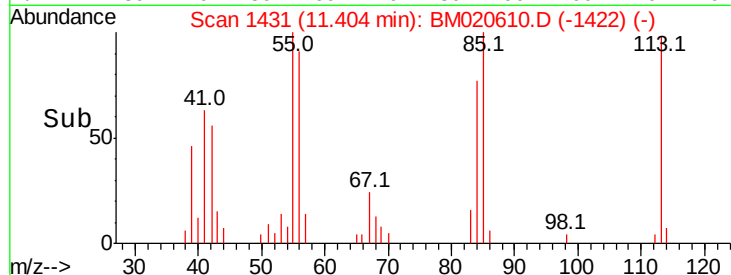
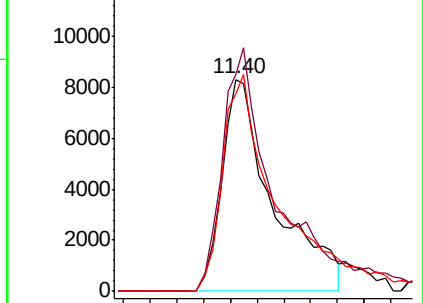
56 93.4 81.6 121.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 39.048 ng

RT: 11.72 min Scan# 1485

Delta R.T. -0.05 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

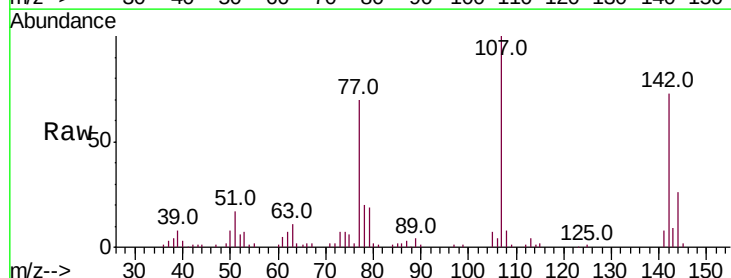
Tgt Ion:107 Resp: 137600

Ion Ratio Lower Upper

107 100

144 25.6 19.0 28.6

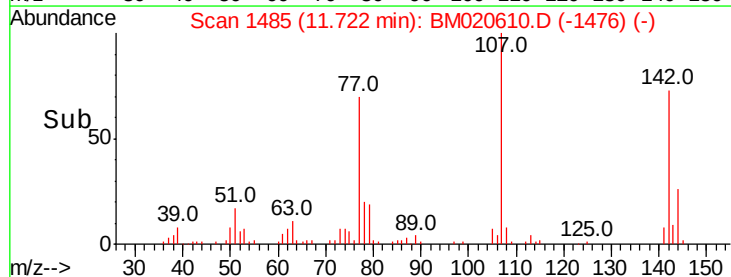
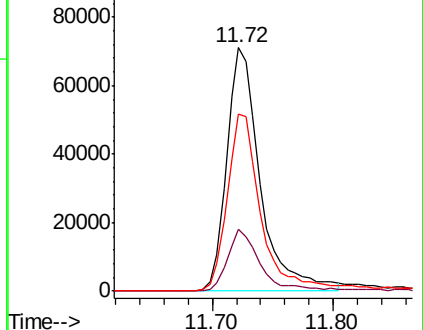
142 72.6 61.3 91.9

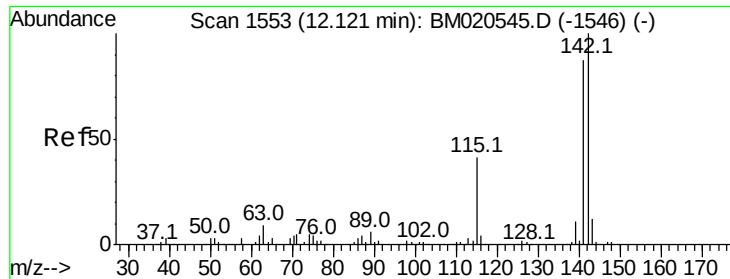


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

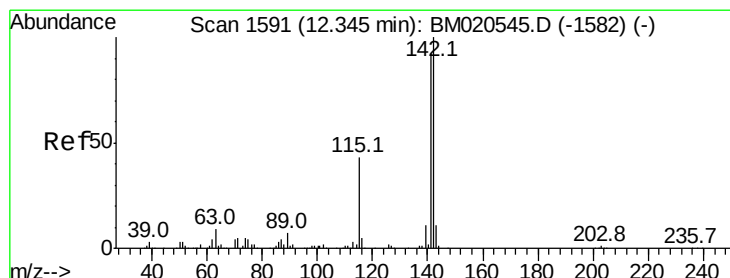
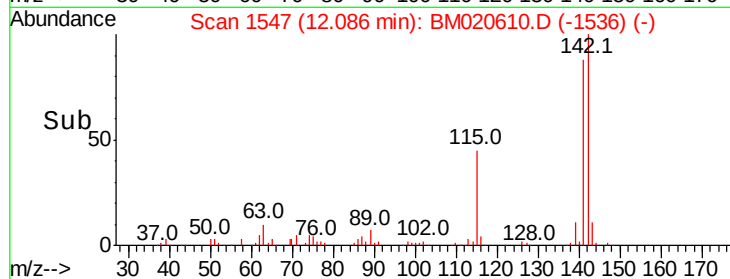
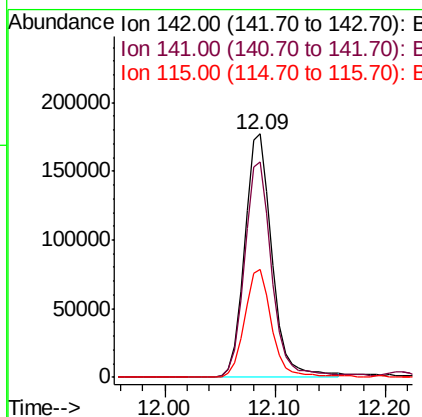
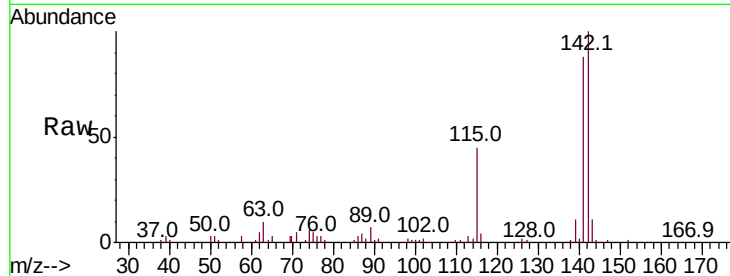




#37
 2-Methylnaphthalene
 Concen: 41.609 ng
 RT: 12.09 min Scan# 1547
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

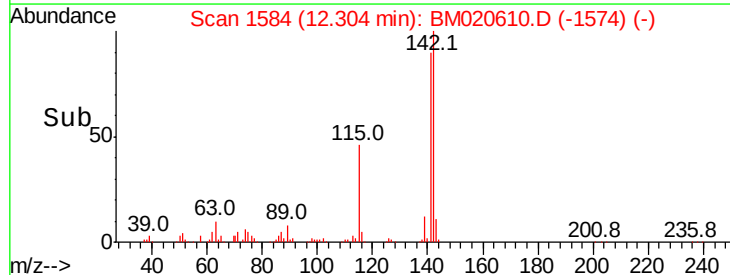
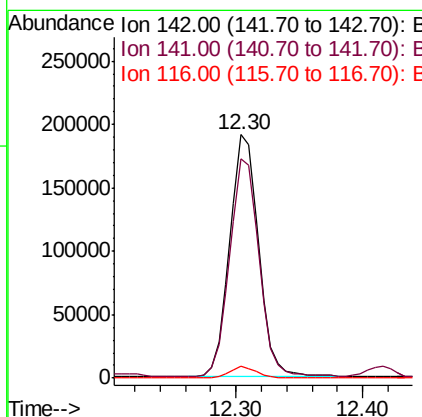
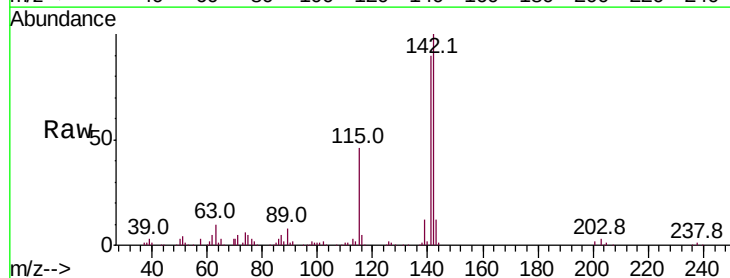
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

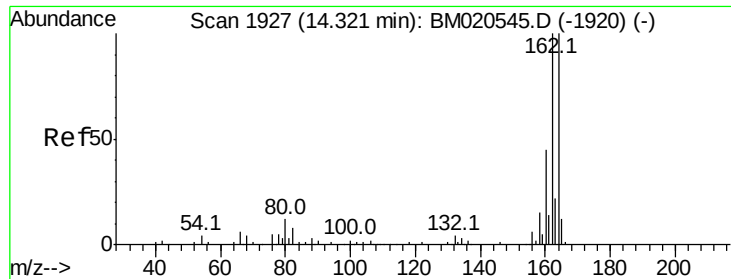
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.9	104.9
115	44.5	32.9	49.3



#38
 1-Methylnaphthalene
 Concen: 42.136 ng
 RT: 12.30 min Scan# 1584
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.7	110.5
116	4.9	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1921

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

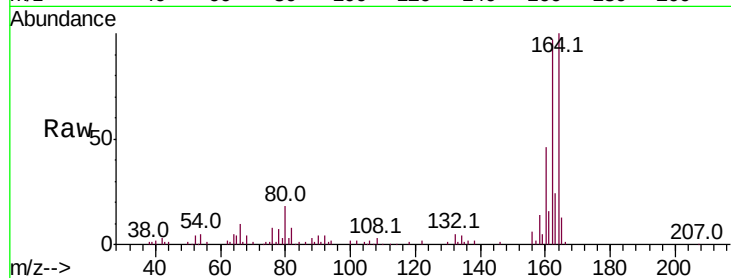
Tot Ion:164 Resp: 124843

Ion Ratio Lower Upper

164 100

162 96.8 79.8 119.8

160 45.5 35.9 53.9

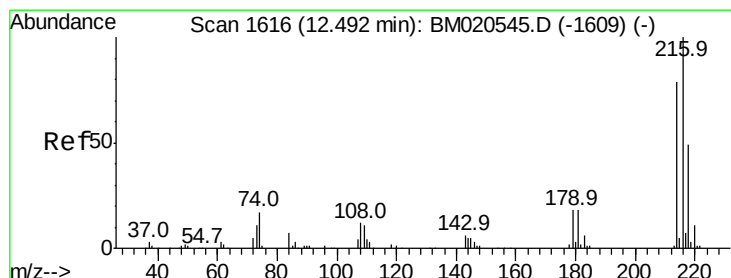
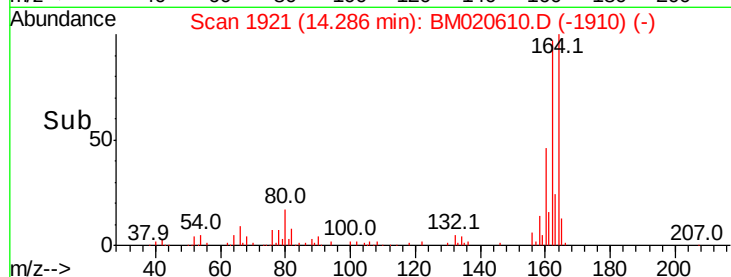
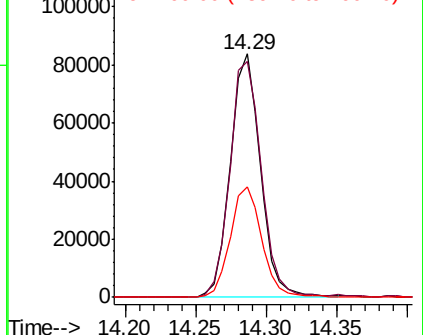


Abundance

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: 49.005 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Tgt Ion:216 Resp: 257182

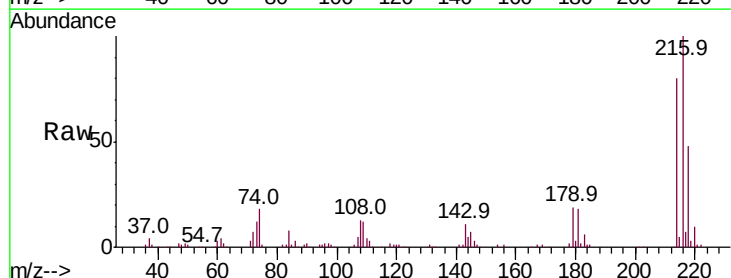
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.6

179 18.5 14.8 22.2

108 12.2 10.5 15.7



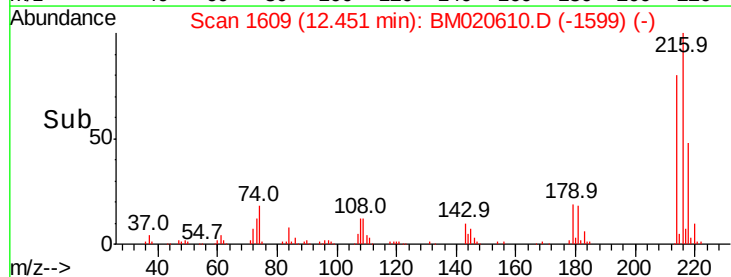
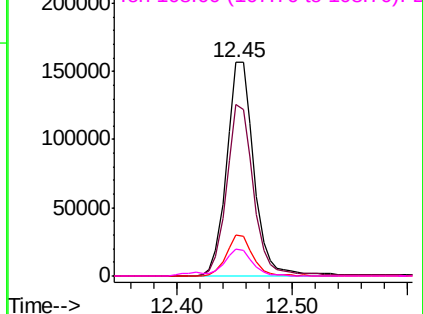
Abundance

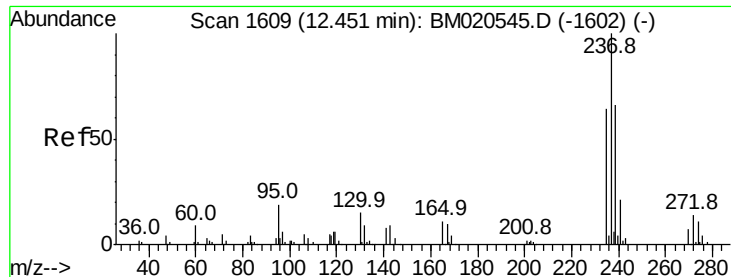
Ion 216.00 (215.70 to 216.70): E

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

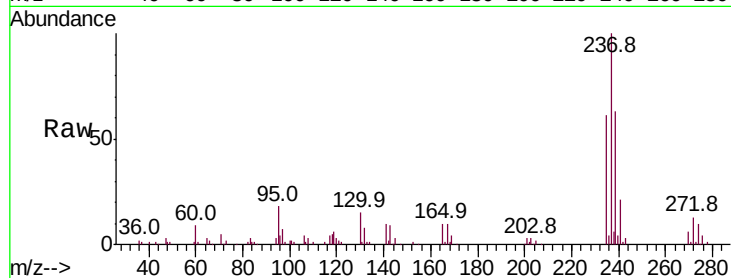




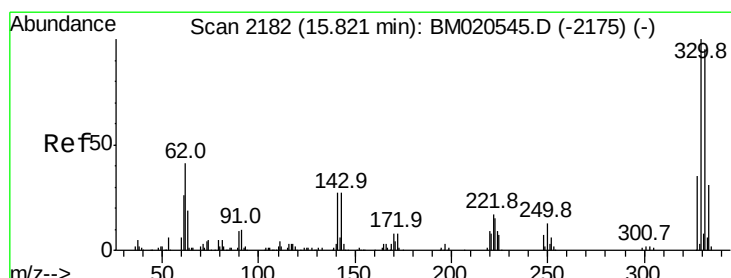
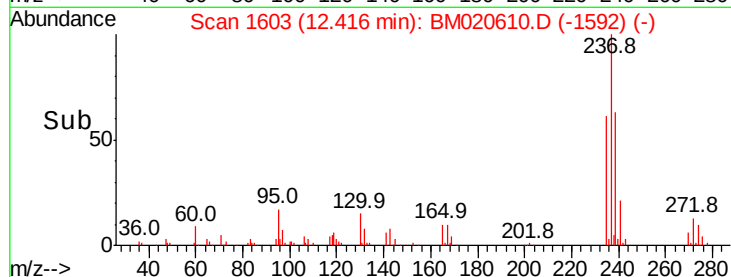
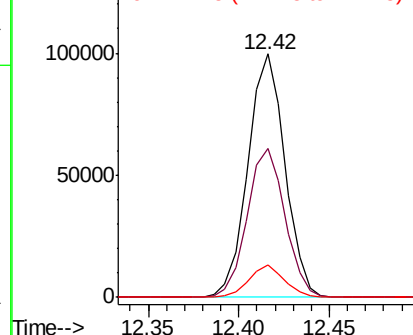
#41
Hexachlorocyclopentadiene
Concen: 57.567 ng
RT: 12.42 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

Tot Ion:237 Resp: 141409
Ion Ratio Lower Upper
237 100
235 61.3 43.5 83.5
272 13.4 0.0 33.9

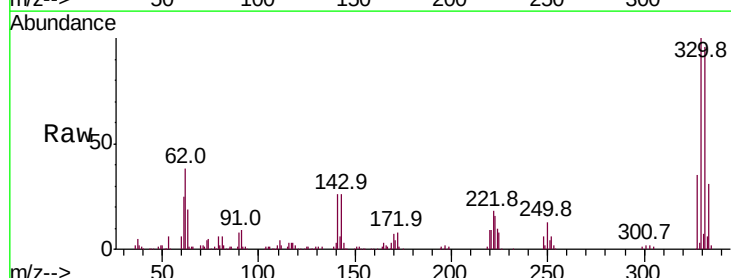


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

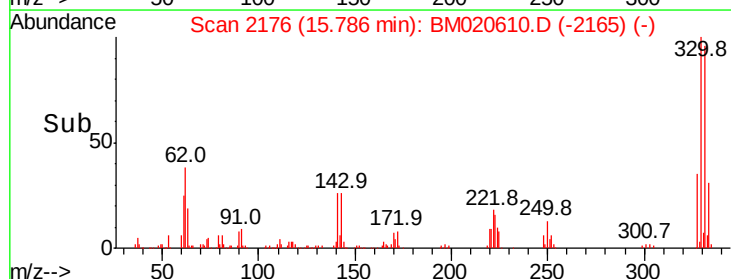
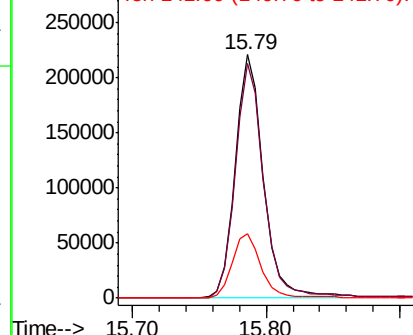


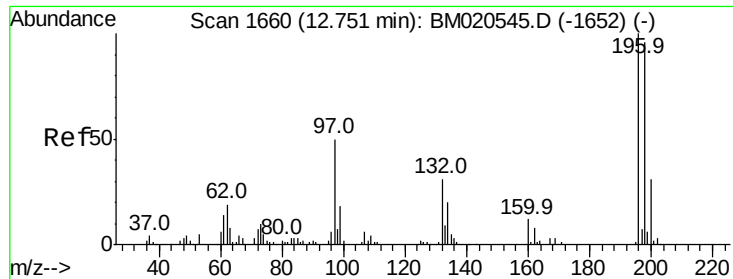
#42
2,4,6-Tribromophenol
Concen: 130.393 ng
RT: 15.79 min Scan# 2176
Delta R.T. -0.04 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion:330 Resp: 326136
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 27.3 21.7 32.5



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

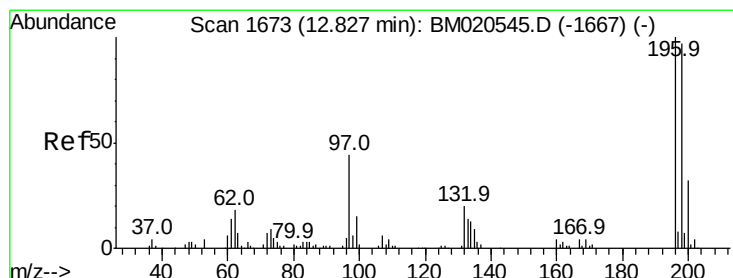
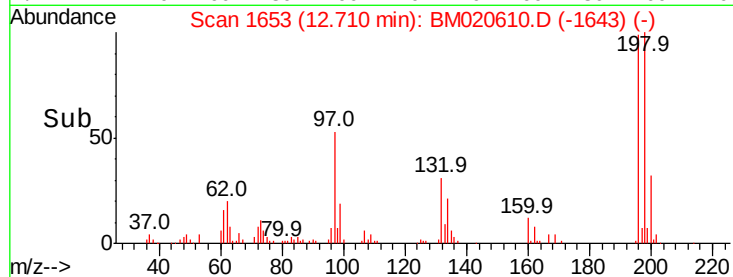
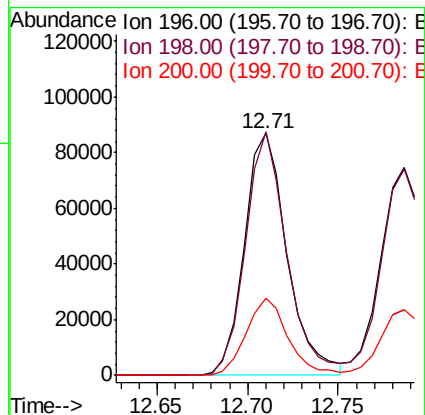
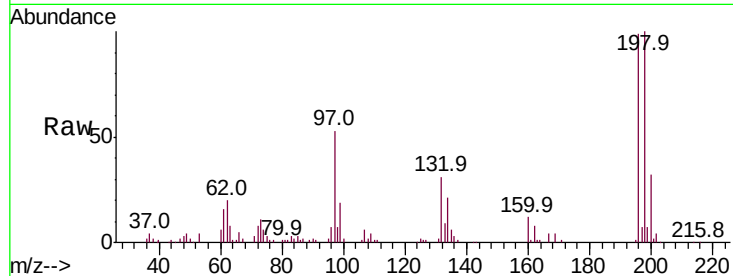




#43
 2,4,6-Trichlorophenol
 Concen: 43.940 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

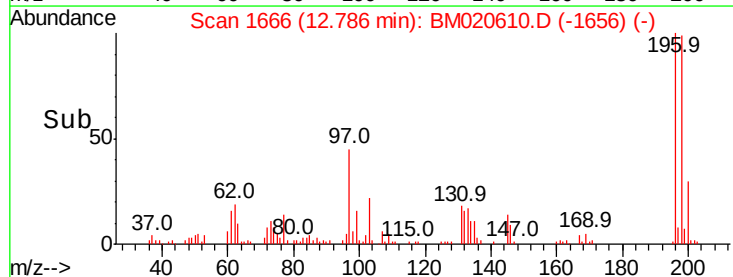
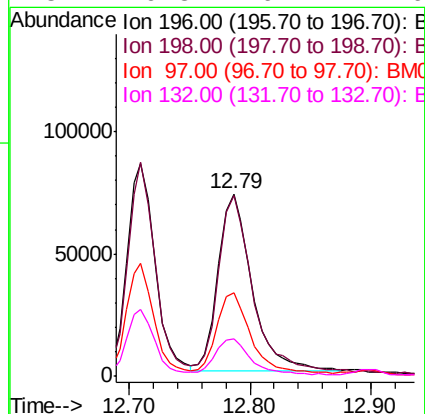
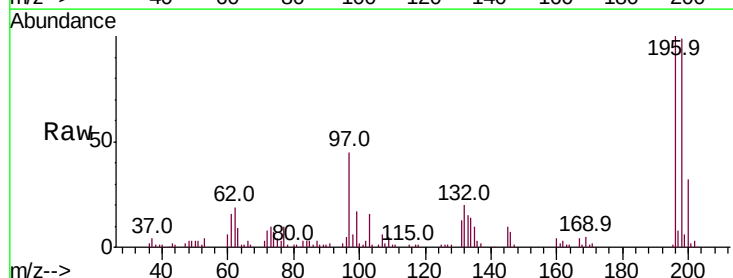
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

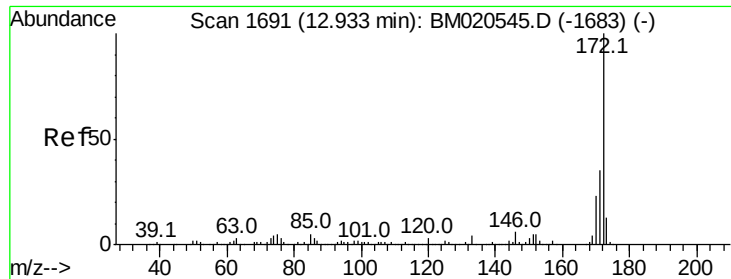
Tot Ion:196 Resp: 142707
 Ion Ratio Lower Upper
 196 100
 198 100.7 76.4 114.6
 200 31.8 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 46.379 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion:196 Resp: 140660
 Ion Ratio Lower Upper
 196 100
 198 99.2 77.6 116.4
 97 45.4 35.4 53.0
 132 20.3 16.4 24.6

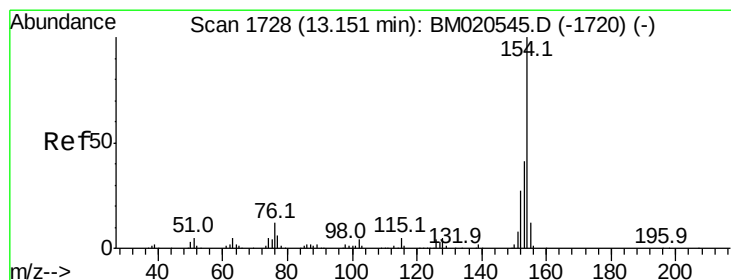
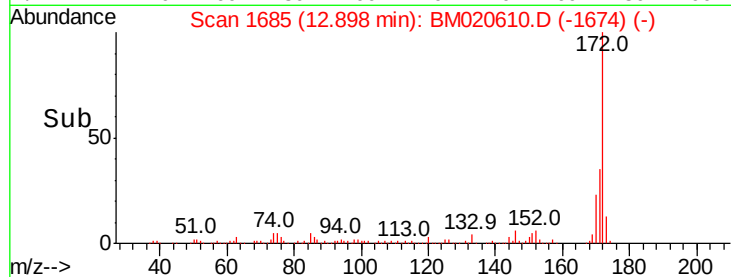
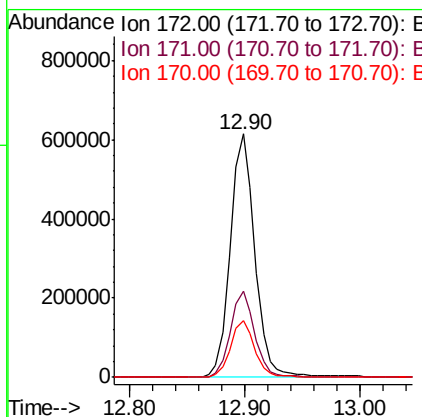
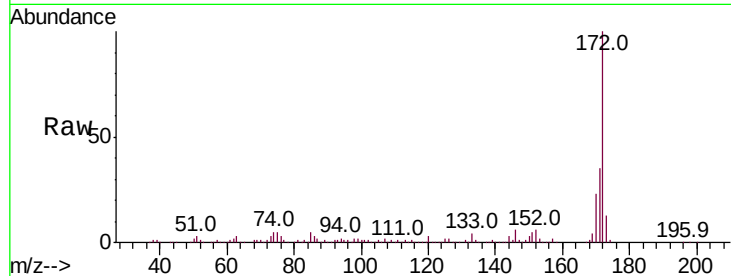




#45
2-Fluorobiphenyl
Concen: 91.383 ng
RT: 12.90 min Scan# 1685
Delta R.T. -0.04 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

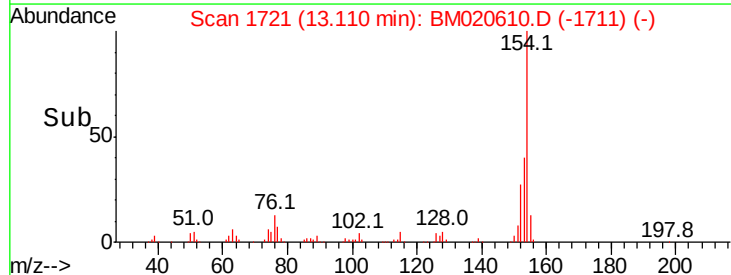
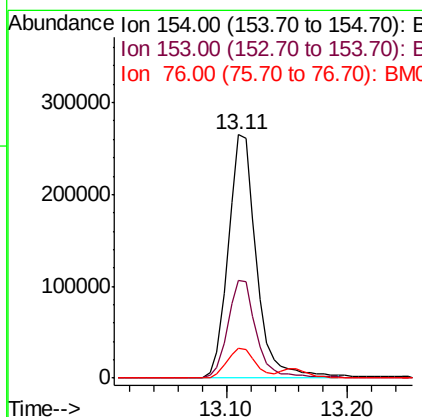
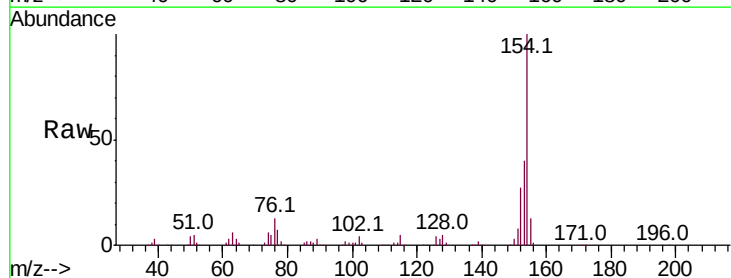
Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

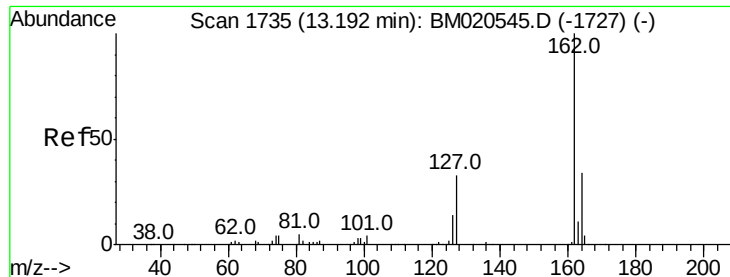
Tot Ion:172 Resp: 909186
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.5 18.2 27.4



#46
1,1'-Biphenyl
Concen: 44.951 ng
RT: 13.11 min Scan# 1721
Delta R.T. -0.04 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion:154 Resp: 432204
Ion Ratio Lower Upper
154 100
153 40.0 20.6 60.6
76 12.5 0.0 32.2





#47

2-Chloronaphthalene

Concen: 43.153 ng

RT: 13.16 min Scan# 1729

Delta R.T. -0.04 min

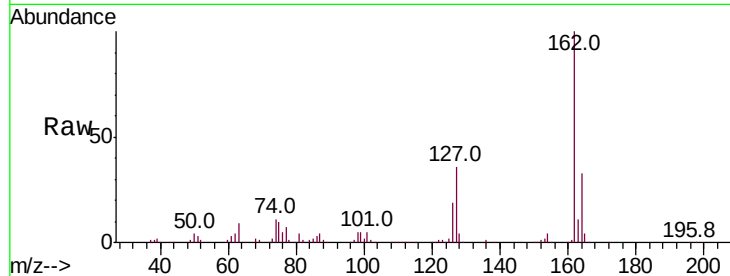
Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

Tot Ion:162 Resp: 351732

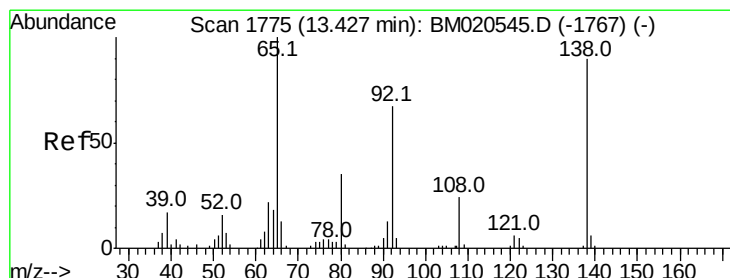
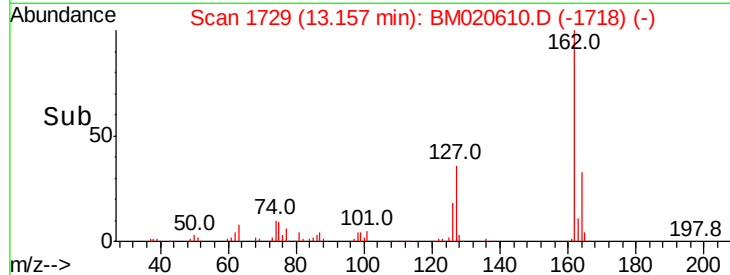
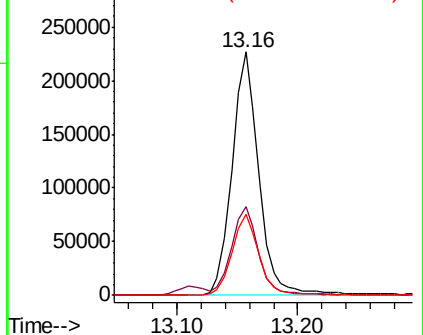
Ion	Ratio	Lower	Upper
162	100		
127	36.5	29.2	43.8
164	33.3	27.4	41.2



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: 32.627 ng

RT: 13.39 min Scan# 1768

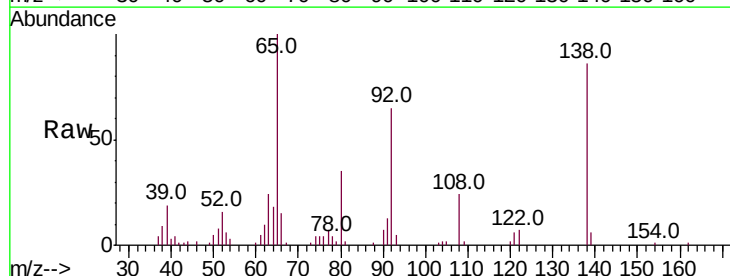
Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Tgt Ion: 65 Resp: 78325

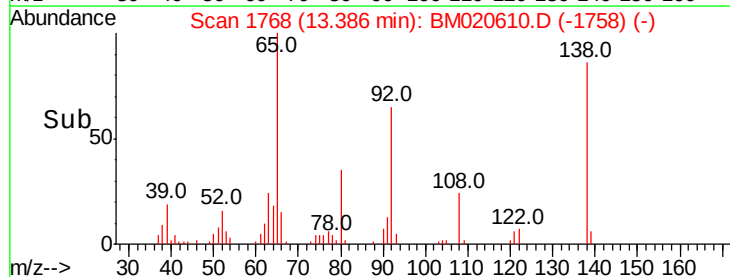
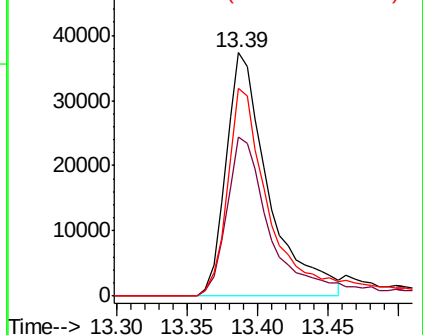
Ion	Ratio	Lower	Upper
65	100		
92	65.3	53.6	80.4
138	85.6	72.0	108.0

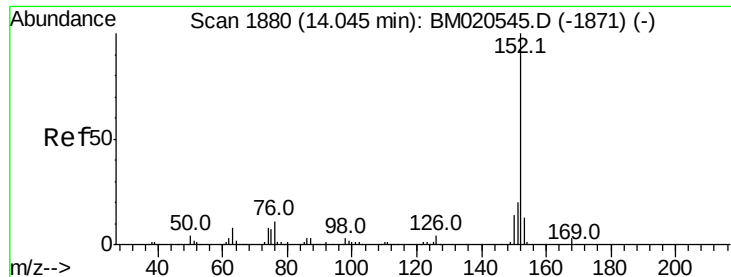


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.357 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

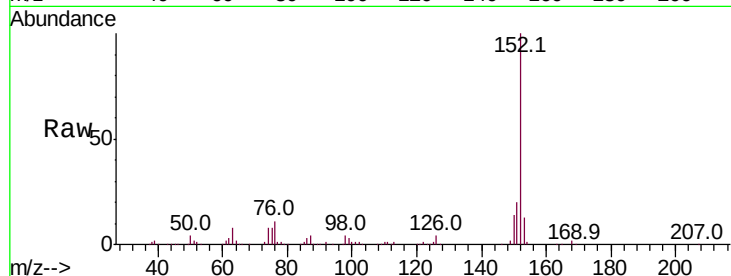
Tot Ion:152 Resp: 525028

Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

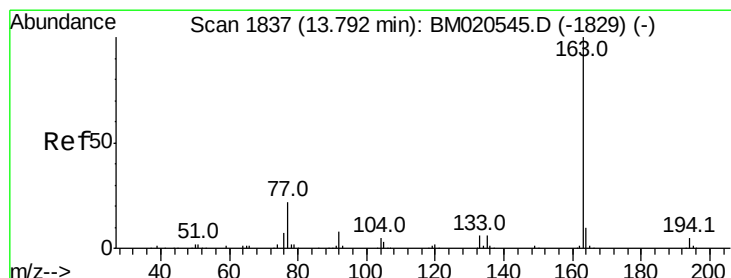
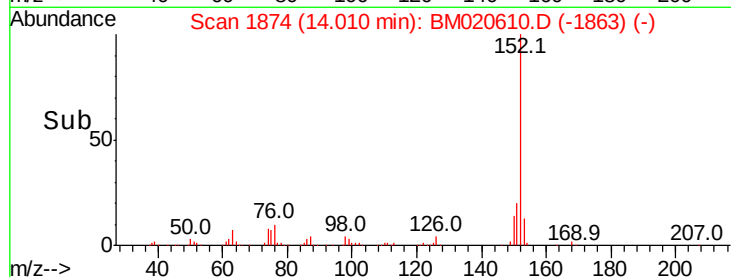
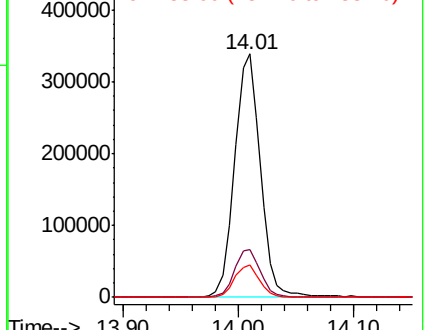
153 13.1 10.2 15.2



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: 41.011 ng

RT: 13.75 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

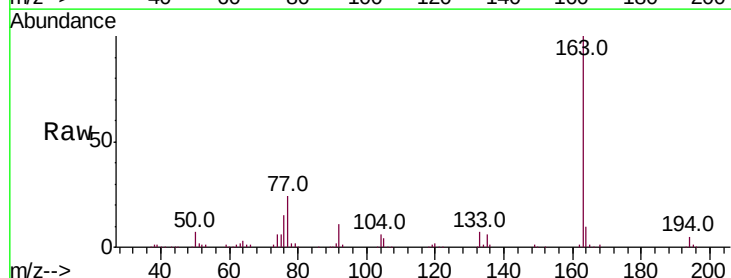
Tgt Ion:163 Resp: 453495

Ion Ratio Lower Upper

163 100

194 4.7 3.9 5.9

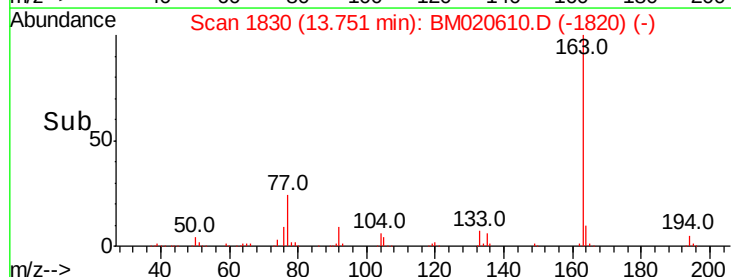
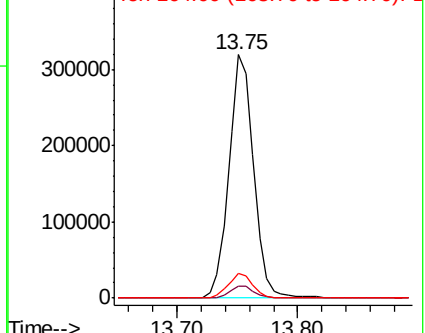
164 10.1 8.0 12.0

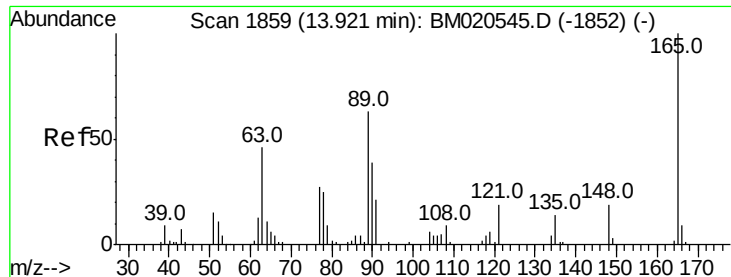


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

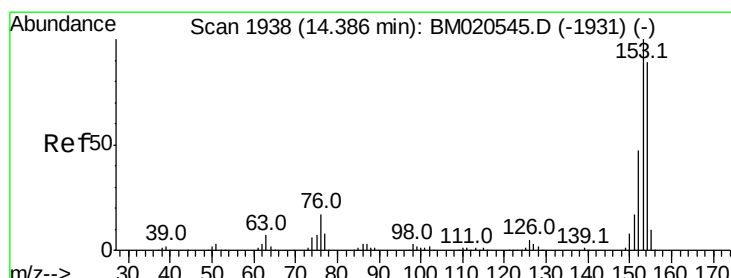
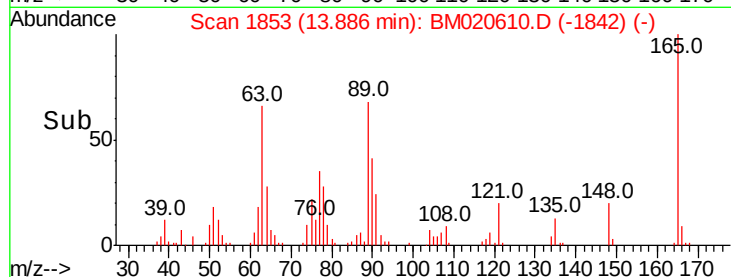
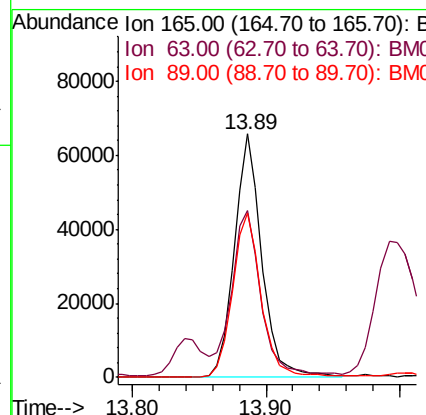
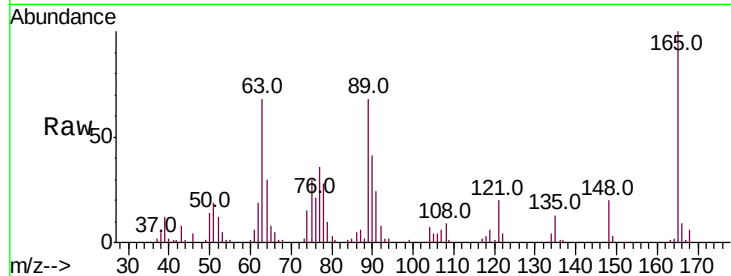




#51
 2,6-Dinitrotoluene
 Concen: 41.041 ng
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

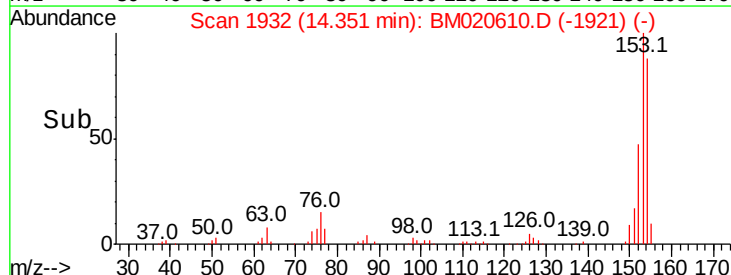
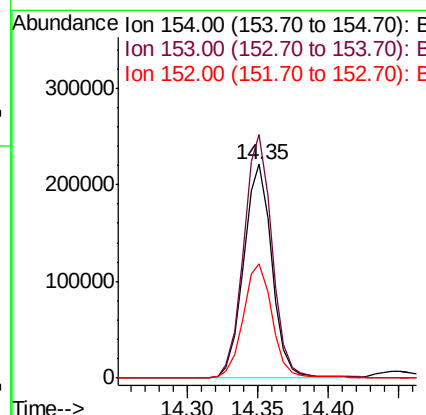
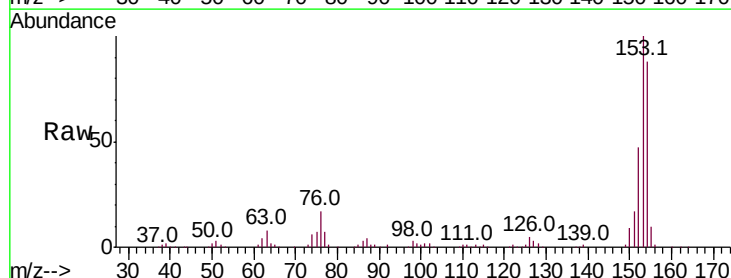
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

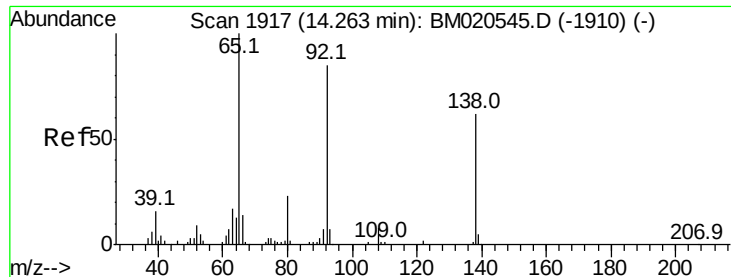
Tot Ion:165 Resp: 94589
 Ion Ratio Lower Upper
 165 100
 63 68.4 49.6 74.4
 89 67.6 50.8 76.2



#52
 Acenaphthene
 Concen: 41.526 ng
 RT: 14.35 min Scan# 1932
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion:154 Resp: 310180
 Ion Ratio Lower Upper
 154 100
 153 113.9 90.2 135.4
 152 53.8 42.0 63.0





#53

3-Nitroaniline

Concen: 12.366 ng

RT: 14.24 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

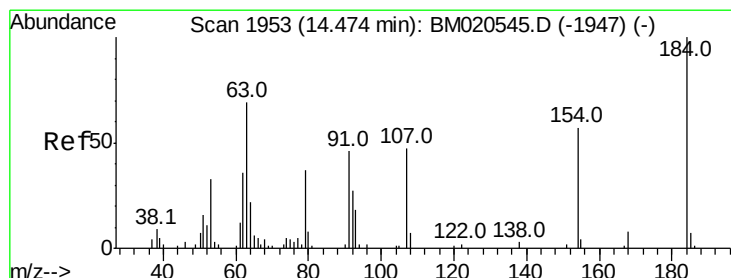
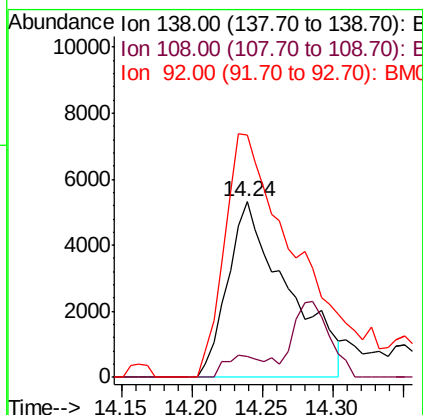
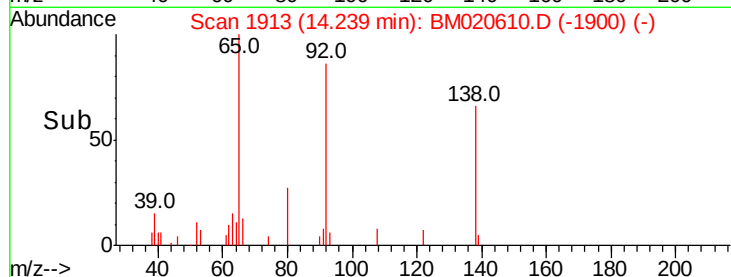
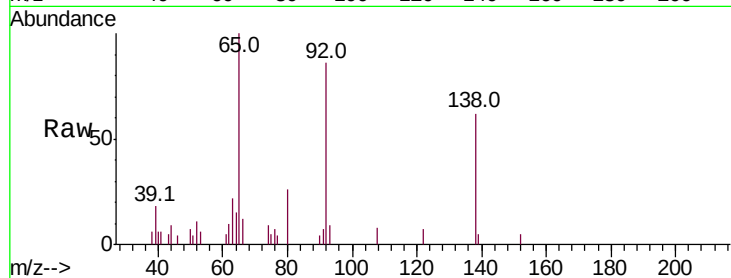
Tot Ion:138 Resp: 15788

Ion Ratio Lower Upper

138 100

108 12.2 10.1 15.1

92 138.3 109.5 164.3



#54

2,4-Dinitrophenol

Concen: 26.446 ng

RT: 14.45 min Scan# 1948

Delta R.T. -0.03 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

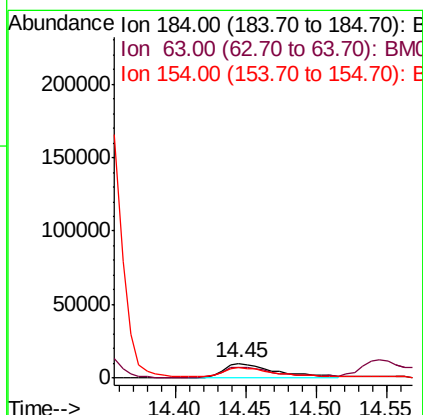
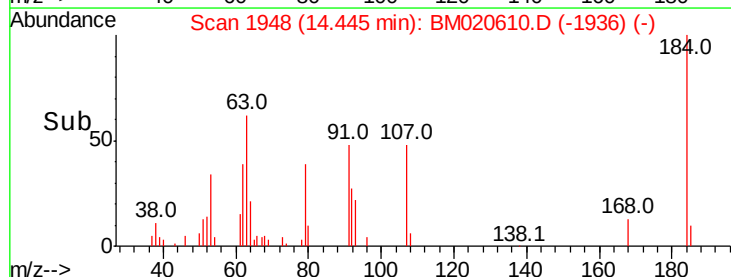
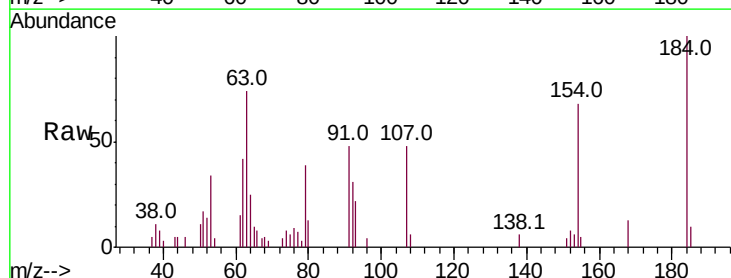
Tgt Ion:184 Resp: 26982

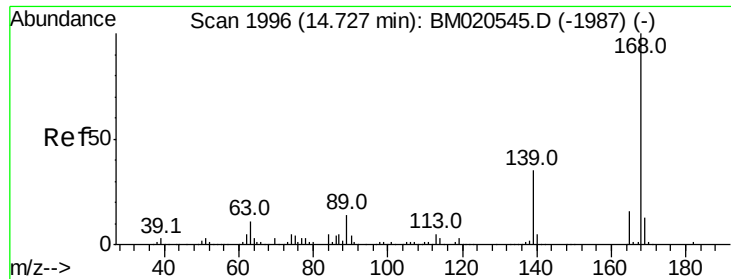
Ion Ratio Lower Upper

184 100

63 74.2 56.3 84.5

154 67.8 49.0 73.6





#55

Dibenzofuran

Concen: 42.894 ng

RT: 14.69 min Scan# 1989

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

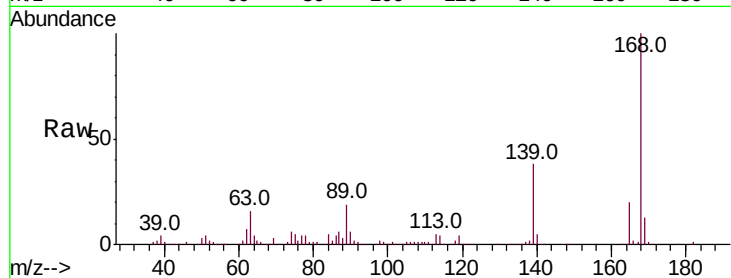
Tot Ion:168 Resp: 554442

Ion Ratio Lower Upper

168 100

139 37.7 28.2 42.4

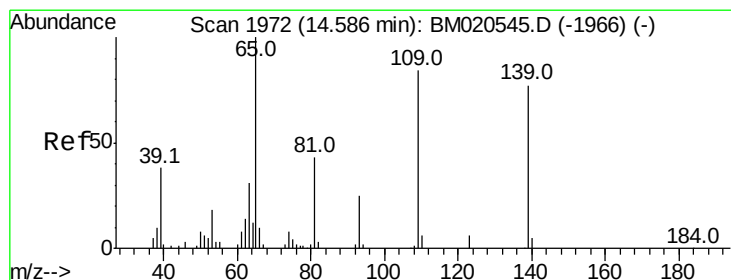
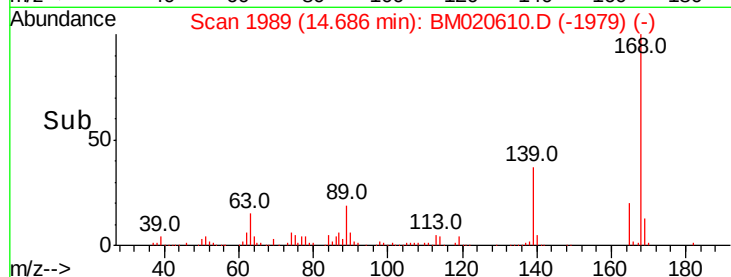
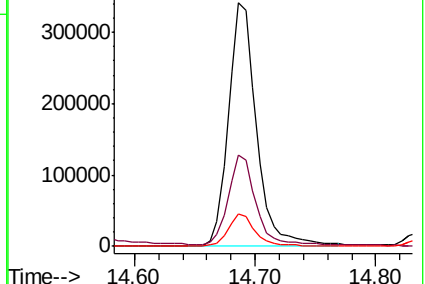
169 13.5 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 51.649 ng

RT: 14.54 min Scan# 1965

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

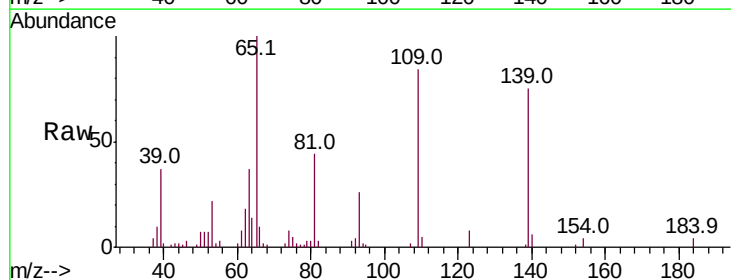
Tgt Ion:139 Resp: 73334

Ion Ratio Lower Upper

139 100

109 112.1 89.4 129.4

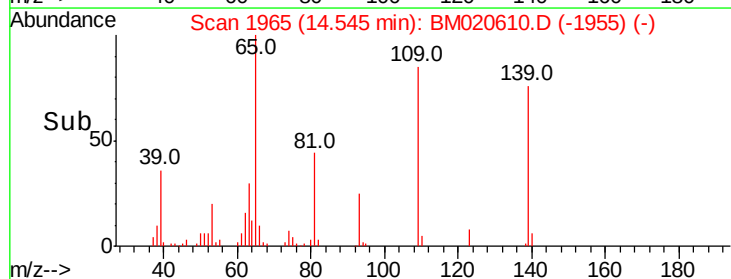
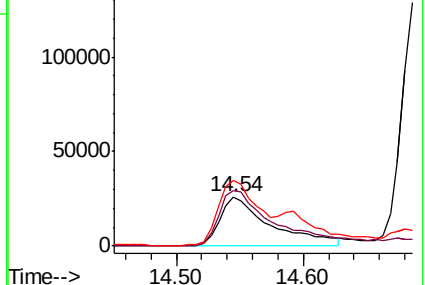
65 133.2 113.3 153.3

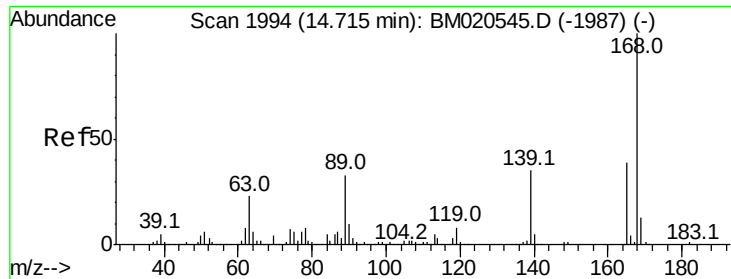


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





#57

2,4-Dinitrotoluene

Concen: 37.931 ng

RT: 14.68 min Scan# 1988

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

Tot Ion:165 Resp: 126243

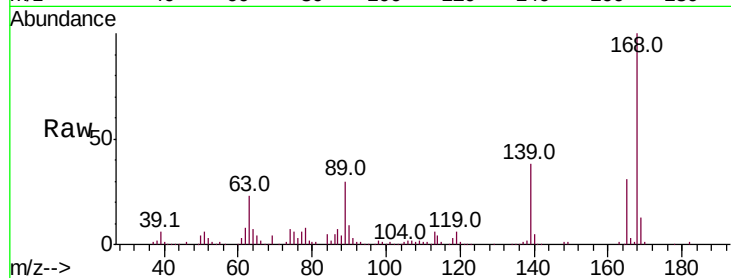
Ion Ratio Lower Upper

165 100

63 73.1 48.7 73.1#

89 94.5 68.8 103.2

182 2.7 2.6 4.0

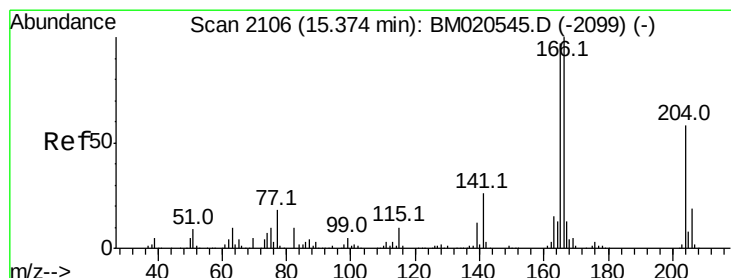
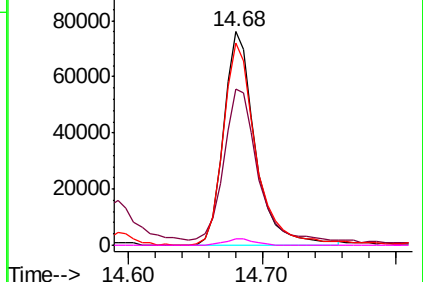
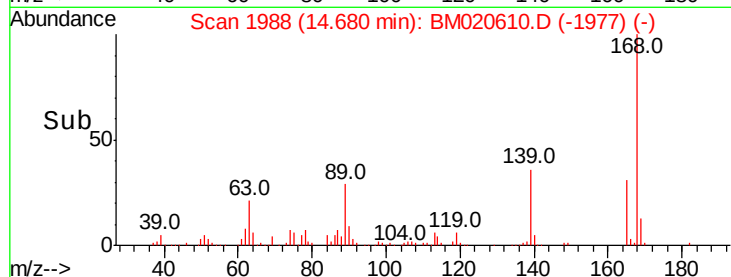


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.778 ng

RT: 15.34 min Scan# 2100

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

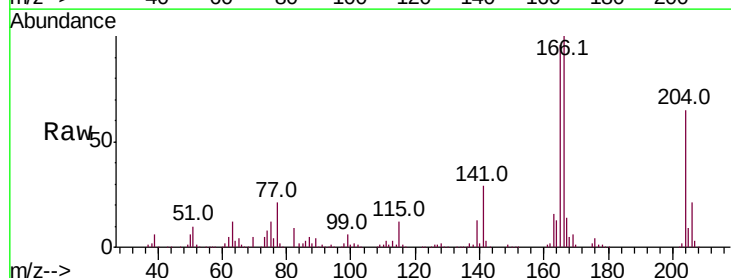
Tgt Ion:166 Resp: 437845

Ion Ratio Lower Upper

166 100

165 96.3 77.4 116.0

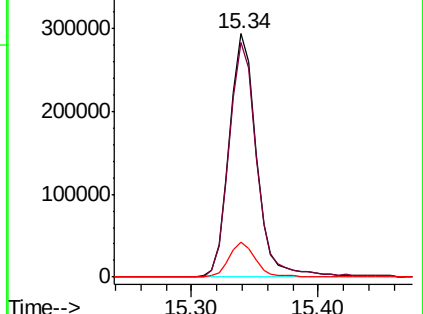
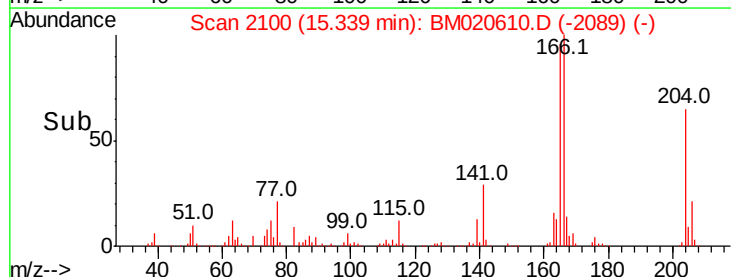
167 14.2 10.6 16.0

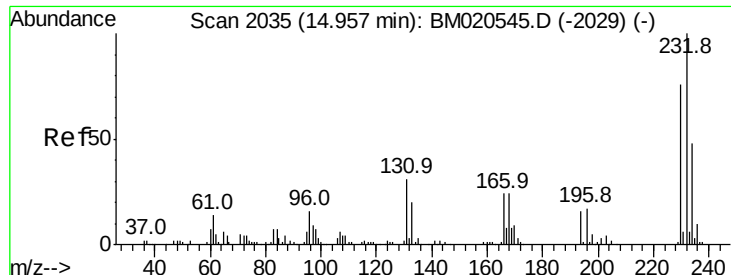


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

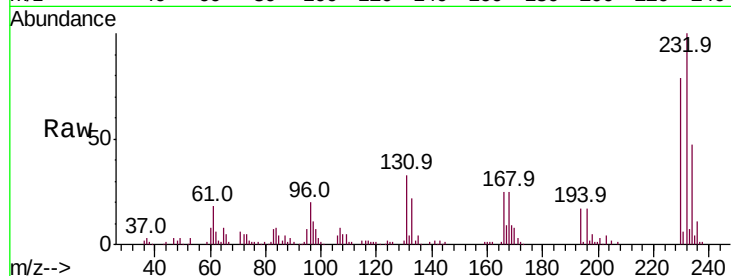




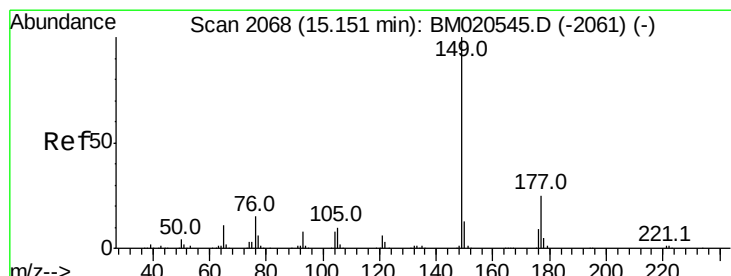
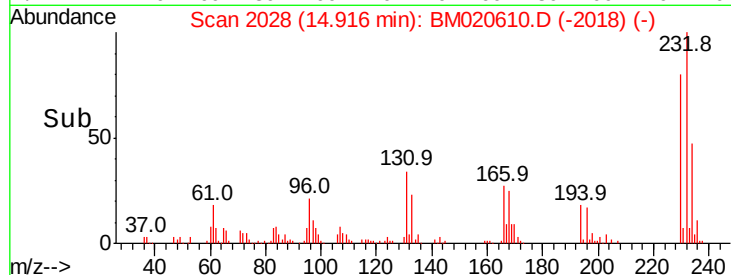
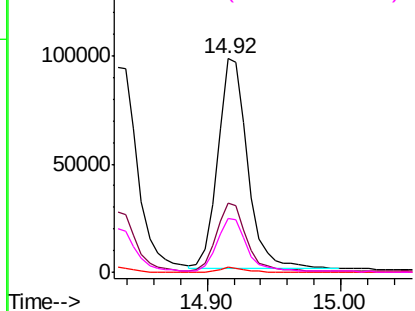
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.006 ng
 RT: 14.92 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Tot Ion:	232	Resp:	151768
Ion	Ratio	Lower	Upper
232	100		
131	32.2	25.4	38.0
130	1.9	1.5	2.3
166	25.3	19.7	29.5

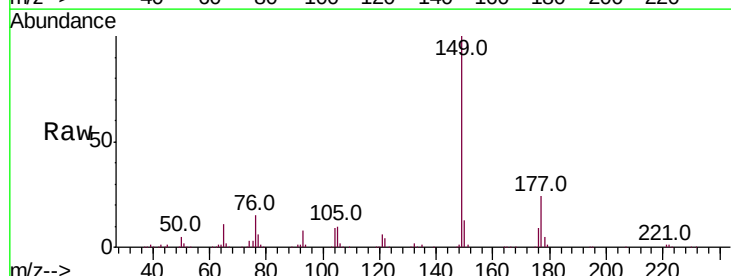


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

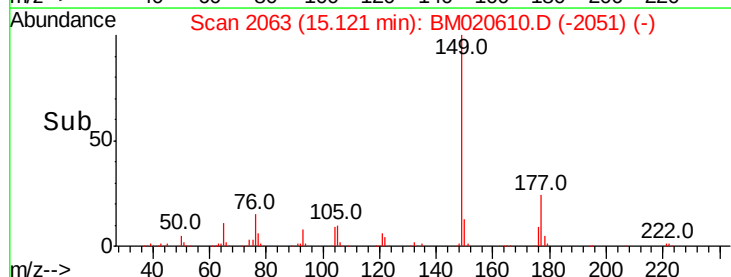
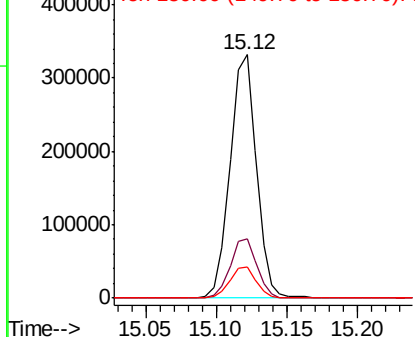


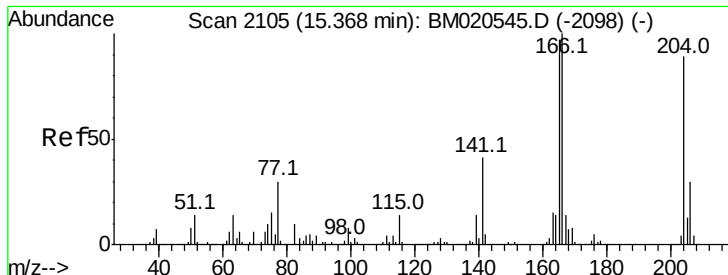
#60
 Diethylphthalate
 Concen: 39.652 ng
 RT: 15.12 min Scan# 2063
 Delta R.T. -0.03 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion:	149	Resp:	432007
Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.8	29.8
150	12.7	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

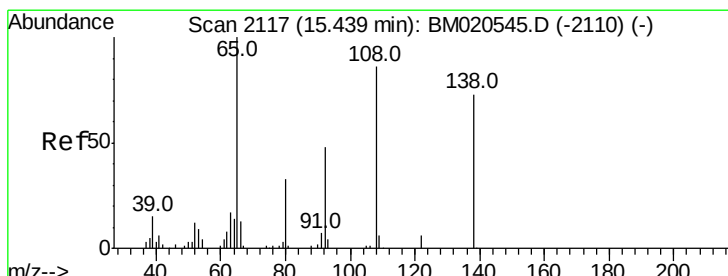
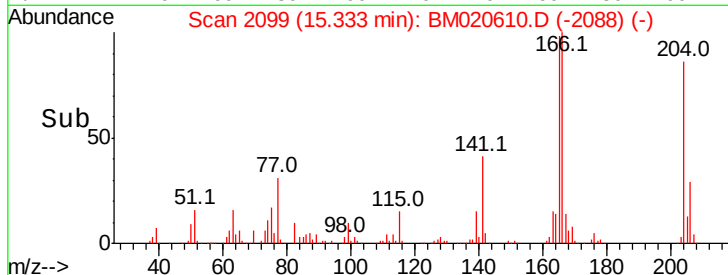
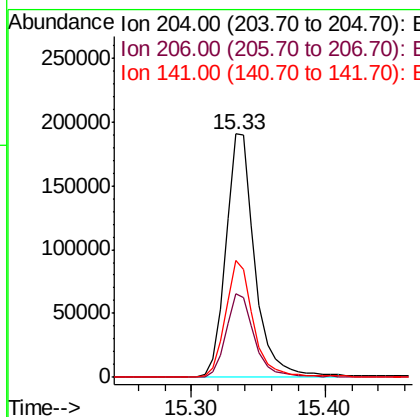
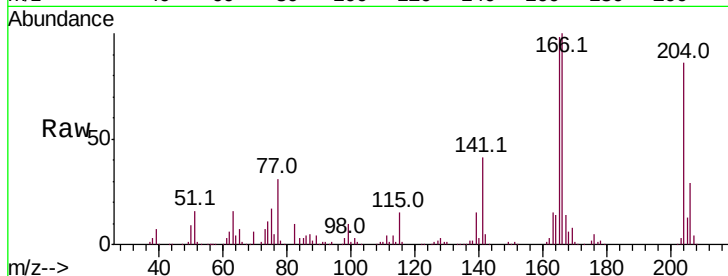




#61
 4-Chlorophenyl-phenylether
 Concen: 42.415 ng
 RT: 15.33 min Scan# 2099
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

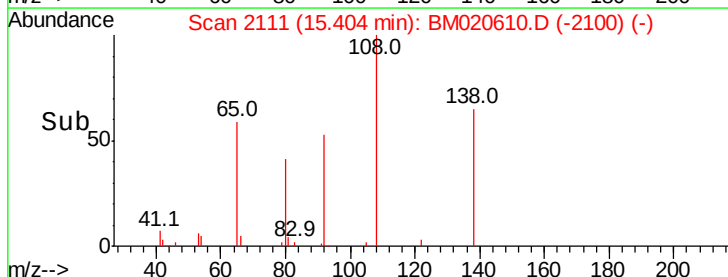
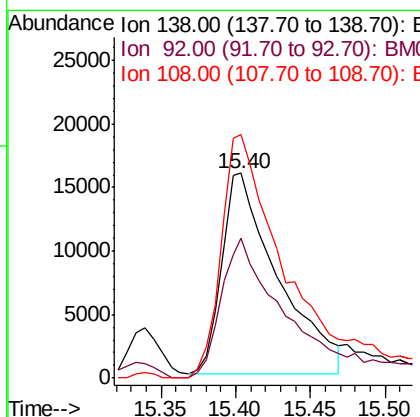
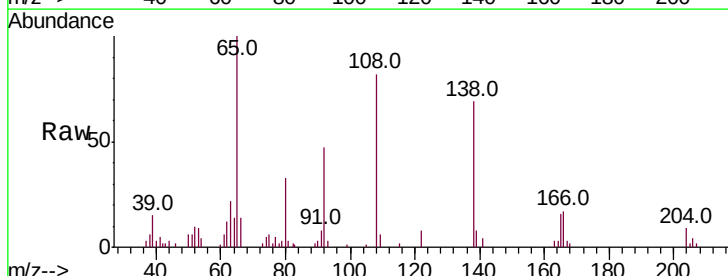
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

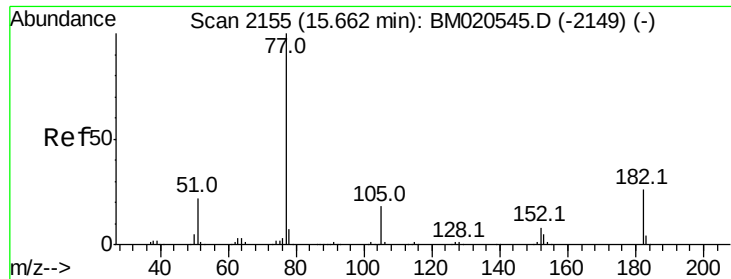
Tot Ion:204 Resp: 290747
 Ion Ratio Lower Upper
 204 100
 206 34.2 26.6 40.0
 141 48.0 36.9 55.3



#62
 4-Nitroaniline
 Concen: 21.547 ng
 RT: 15.40 min Scan# 2111
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion:138 Resp: 41743
 Ion Ratio Lower Upper
 138 100
 92 68.3 44.5 84.5
 108 118.9 95.9 135.9





#63

Azobenzene

Concen: 42.148 ng

RT: 15.63 min Scan# 2149

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

Tot Ion: 77 Resp: 446840

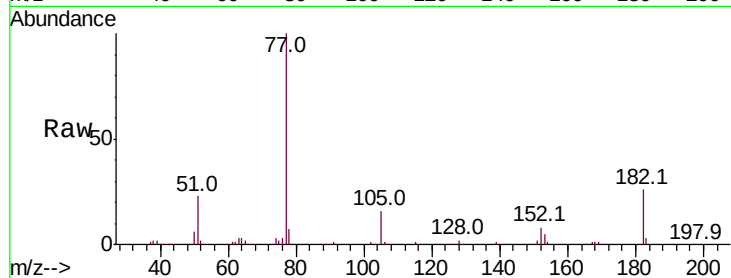
Ion Ratio Lower Upper

77 100

182 25.5 5.7 45.7

105 16.4 0.0 37.6

51 23.0 1.7 41.7

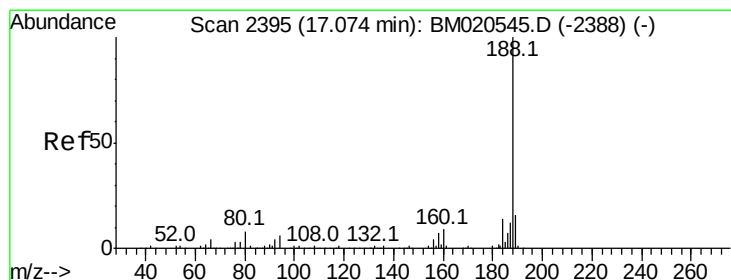
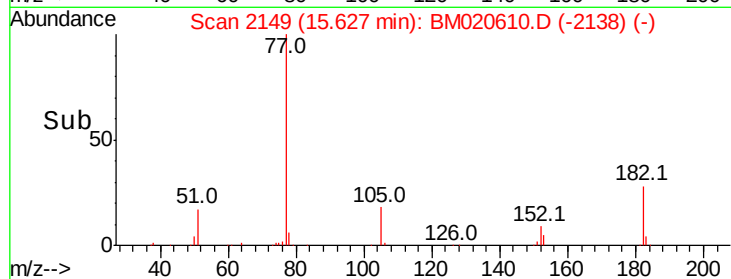
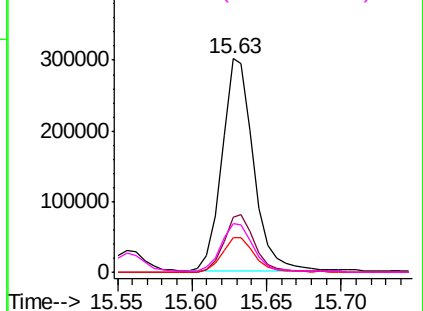


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2389

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

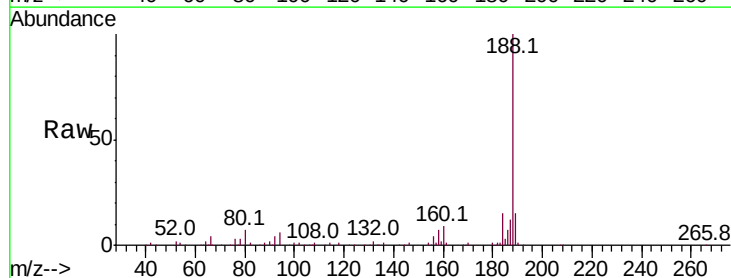
Tgt Ion: 188 Resp: 295782

Ion Ratio Lower Upper

188 100

94 5.8 5.0 7.4

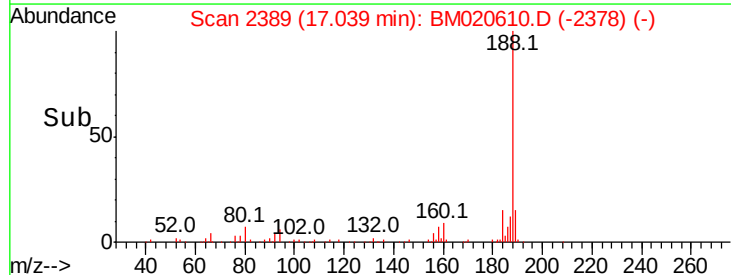
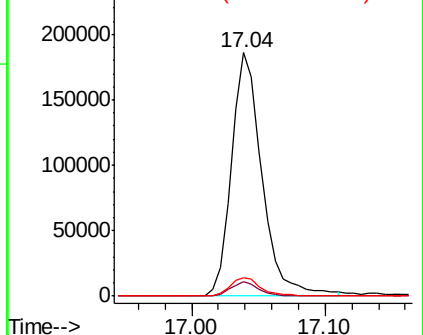
80 7.4 6.5 9.7

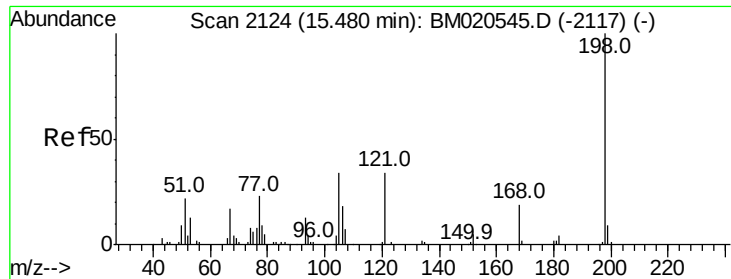


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 24.127 ng

RT: 15.44 min Scan# 2118

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

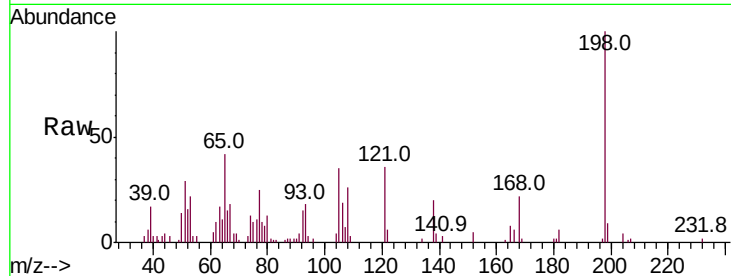
Tot Ion:198 Resp: 38406

Ion Ratio Lower Upper

198 100

51 28.7 6.4 46.4

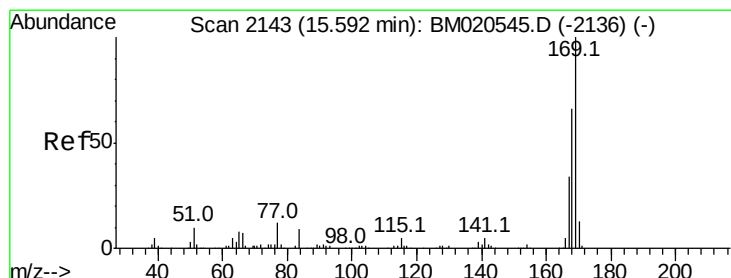
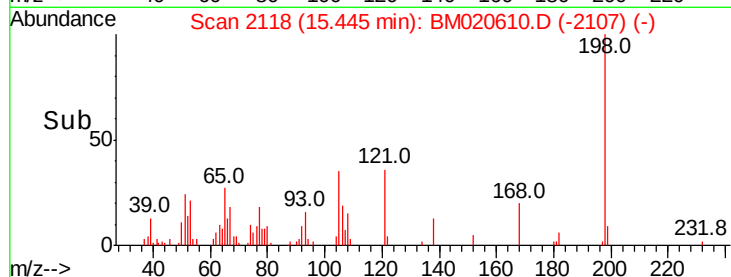
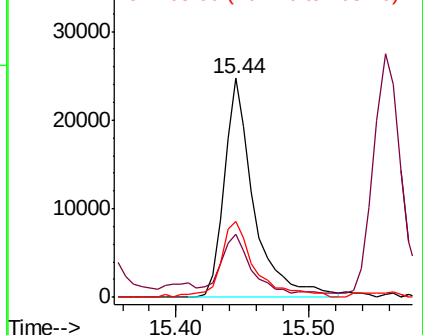
105 34.7 15.1 55.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.711 ng

RT: 15.56 min Scan# 2137

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

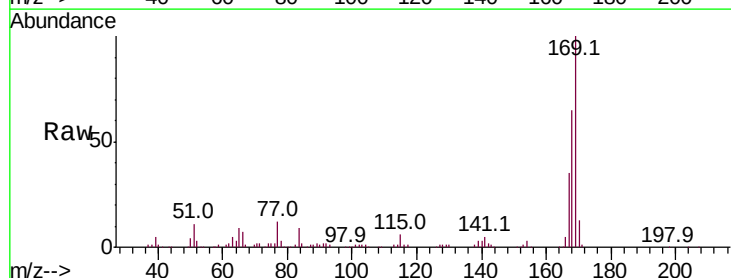
Tgt Ion:169 Resp: 374625

Ion Ratio Lower Upper

169 100

168 65.2 52.5 78.7

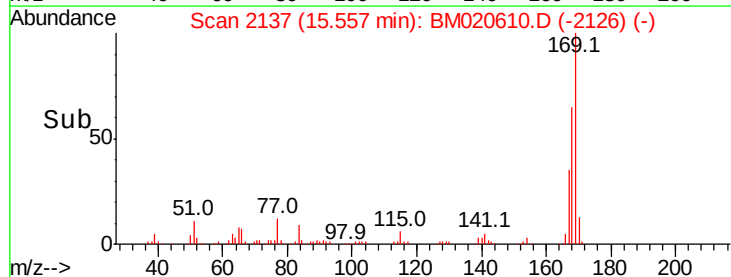
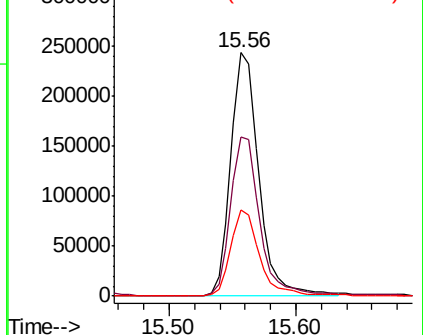
167 35.3 27.5 41.3

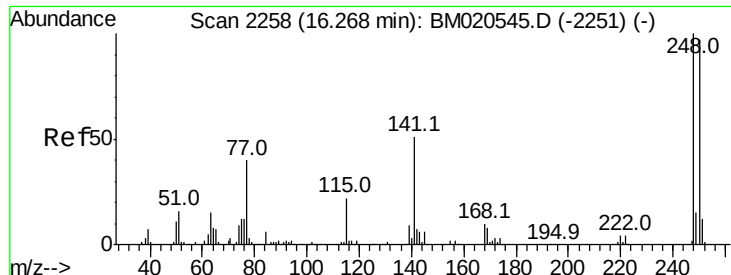


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

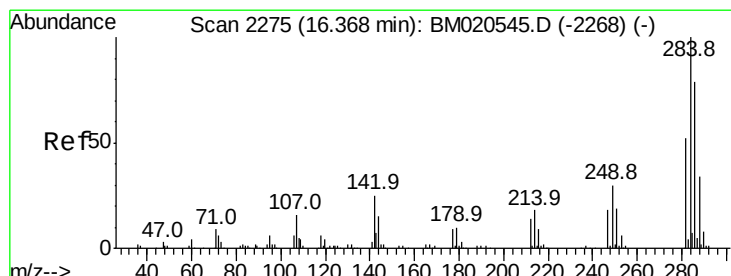
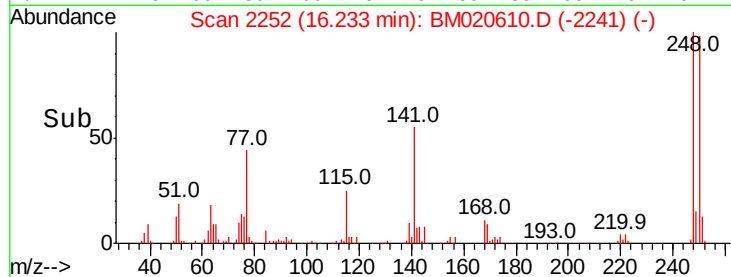
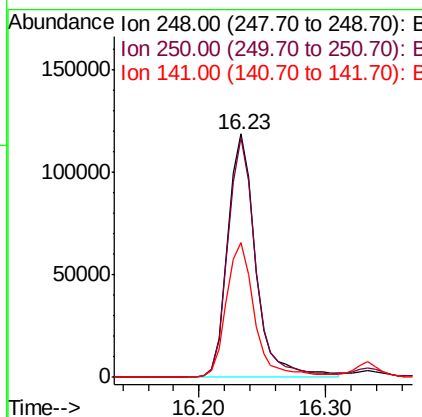
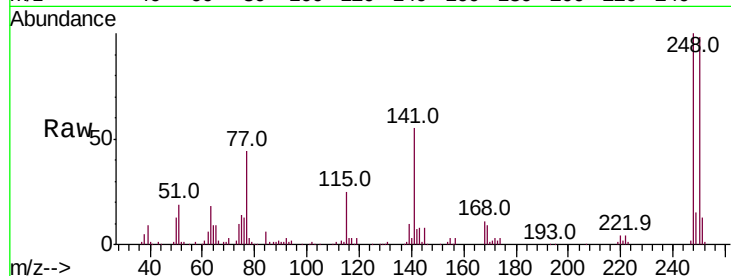




#67
 4-Bromophenyl-phenylether
 Concen: 45.877 ng
 RT: 16.23 min Scan# 2252
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

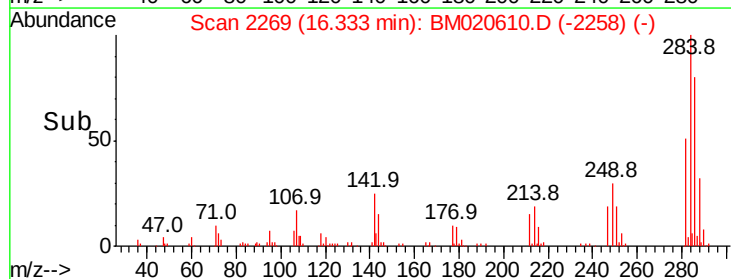
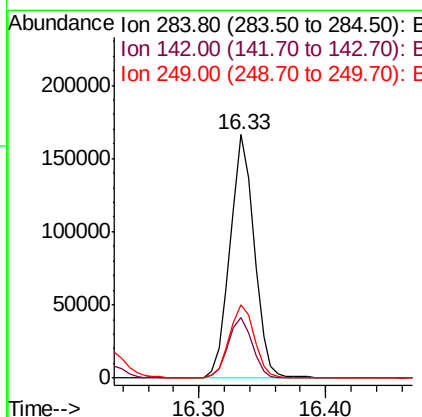
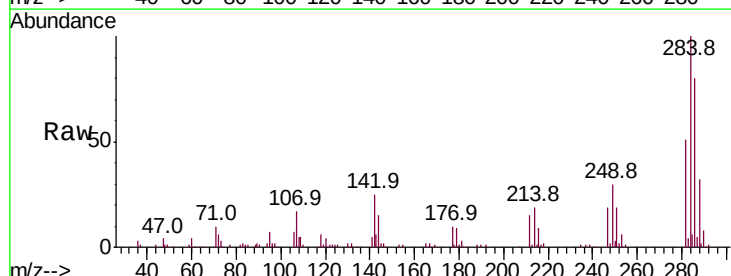
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

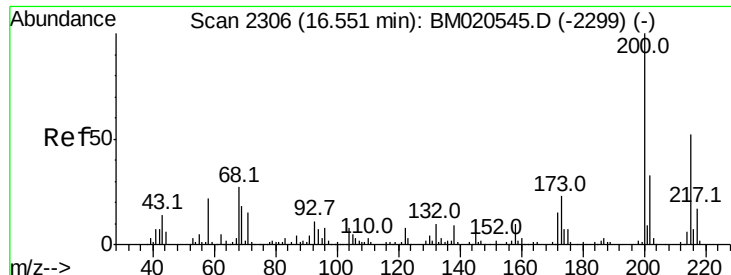
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.8	116.6
141	55.4	41.0	61.6



#68
 Hexachlorobenzene
 Concen: 45.993 ng
 RT: 16.33 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.8	20.2	30.2
249	30.0	23.9	35.9

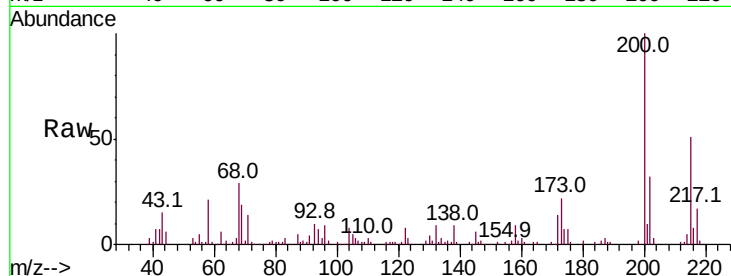




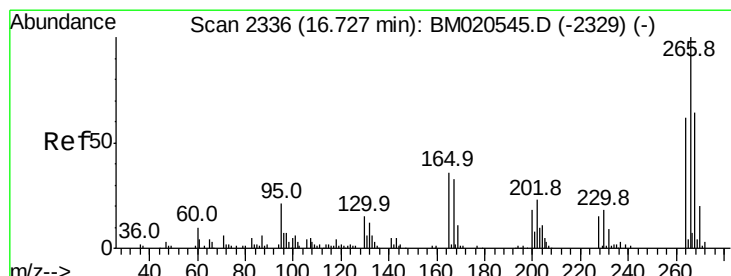
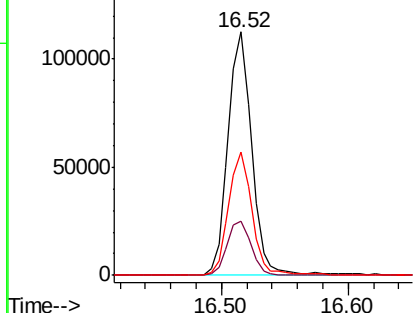
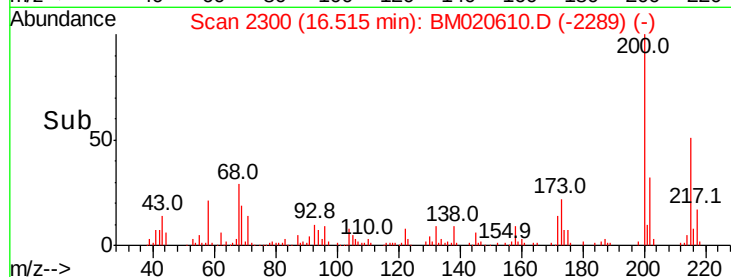
#69
 Atrazine
 Concen: 44.324 ng
 RT: 16.52 min Scan# 2300
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.5	3.2	43.2
215	50.5	31.7	71.7

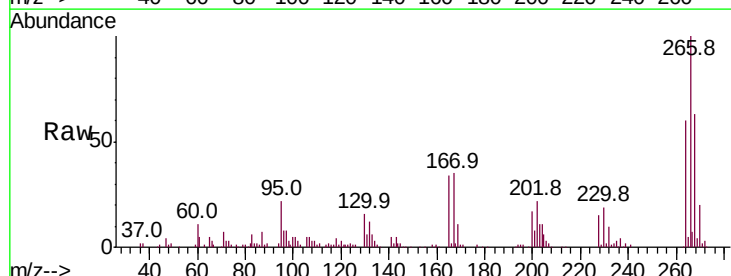


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

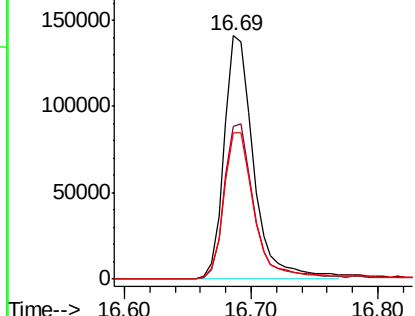
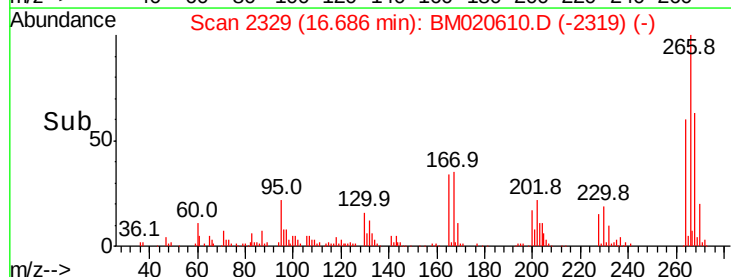


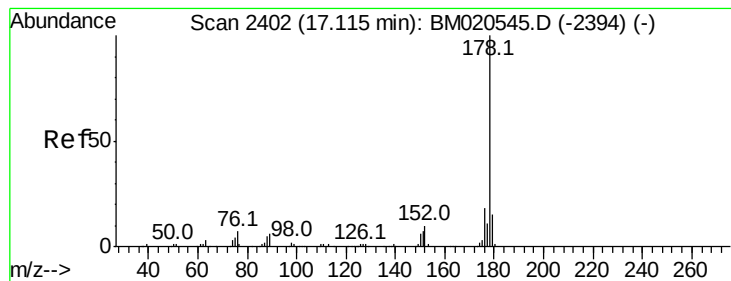
#70
 Pentachlorophenol
 Concen: 92.488 ng
 RT: 16.69 min Scan# 2329
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.0	76.4
264	60.4	49.8	74.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.312 ng

RT: 17.08 min Scan# 2396

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

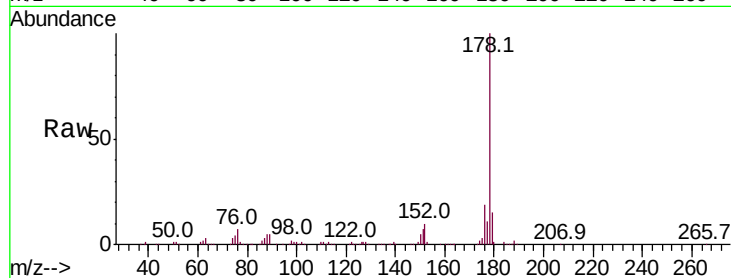
Tot Ion:178 Resp: 695956

Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

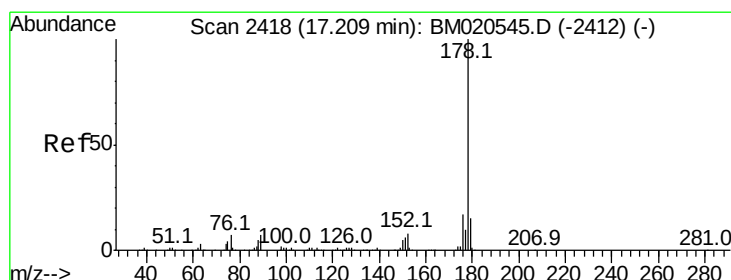
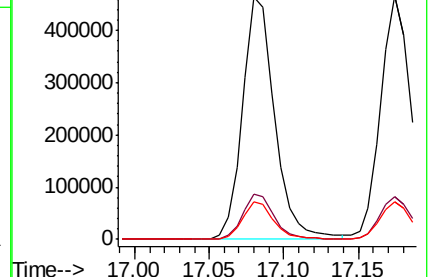
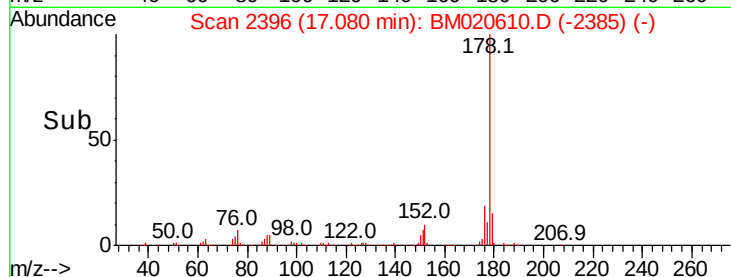
179 15.4 12.2 18.2



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: 42.511 ng

RT: 17.17 min Scan# 2412

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

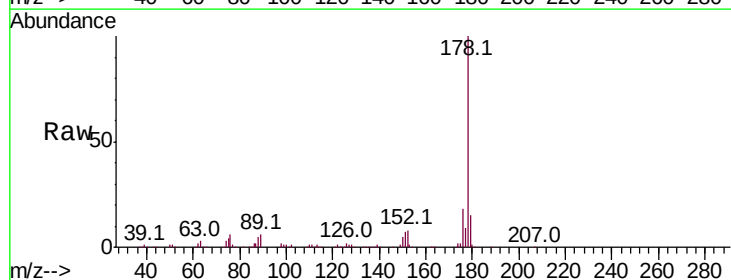
Tgt Ion:178 Resp: 662447

Ion Ratio Lower Upper

178 100

176 17.8 14.0 21.0

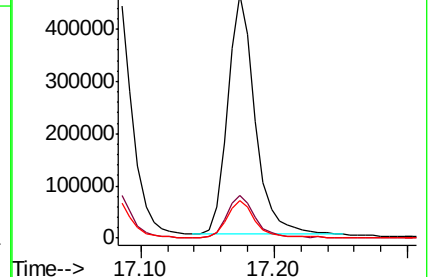
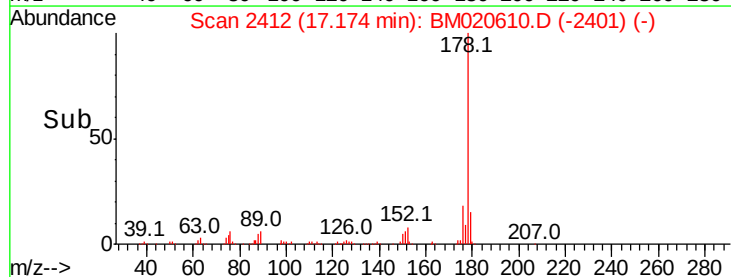
179 15.4 12.4 18.6

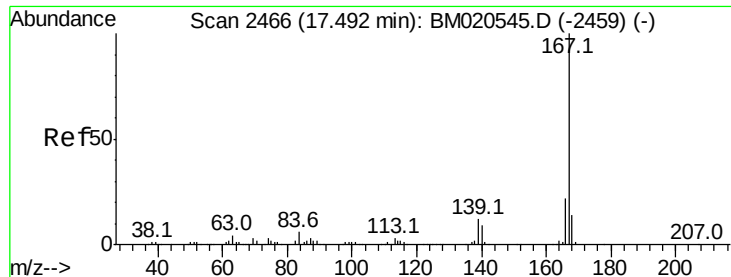


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.317 ng

RT: 17.46 min Scan# 2460

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

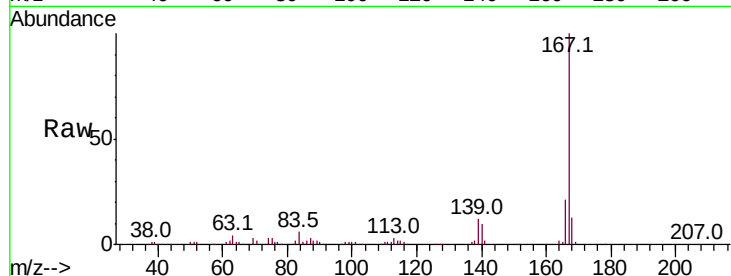
Tot Ion:167 Resp: 525792

Ion Ratio Lower Upper

167 100

166 21.1 17.4 26.0

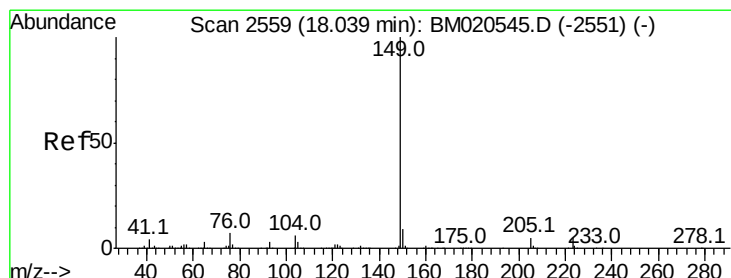
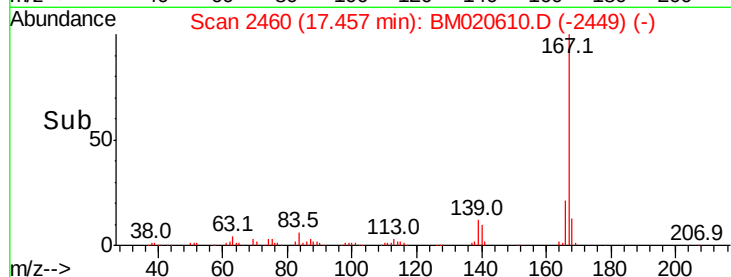
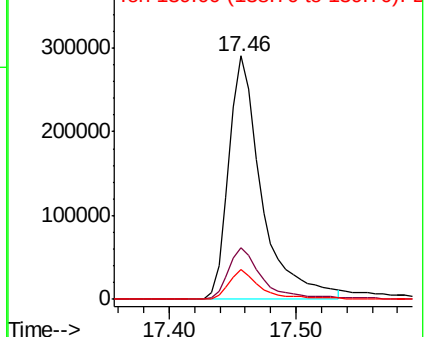
139 12.3 9.3 13.9



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: 40.768 ng

RT: 18.00 min Scan# 2553

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

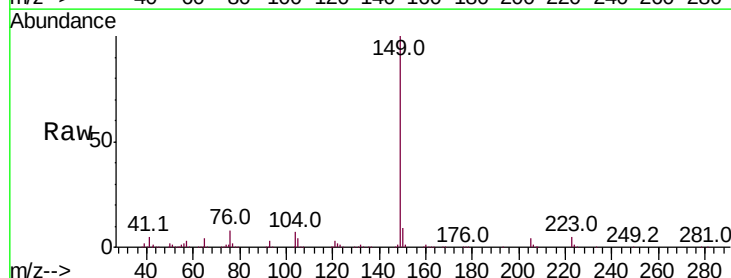
Tgt Ion:149 Resp: 670658

Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

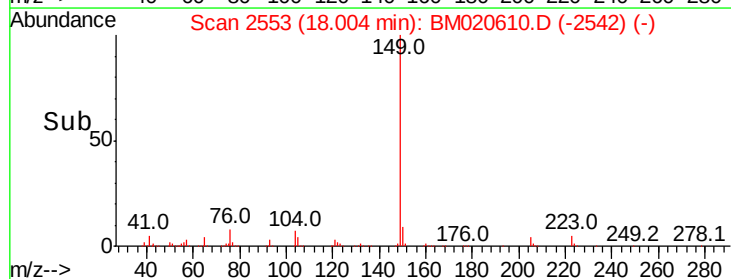
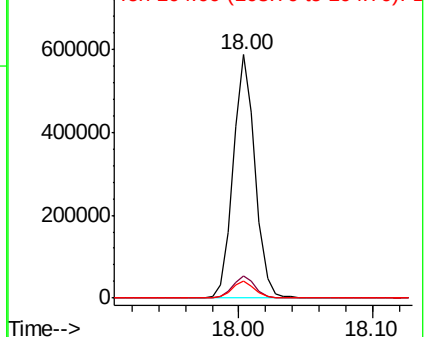
104 7.0 5.0 7.4

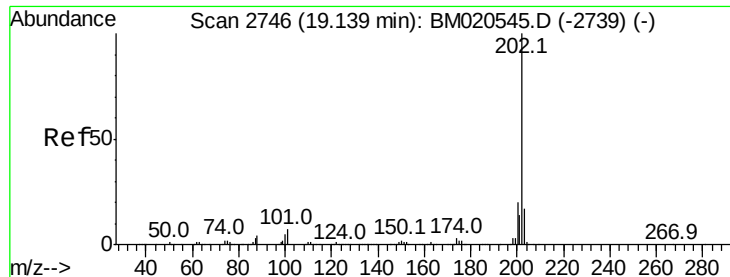


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.624 ng

RT: 19.10 min Scan# 2740

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

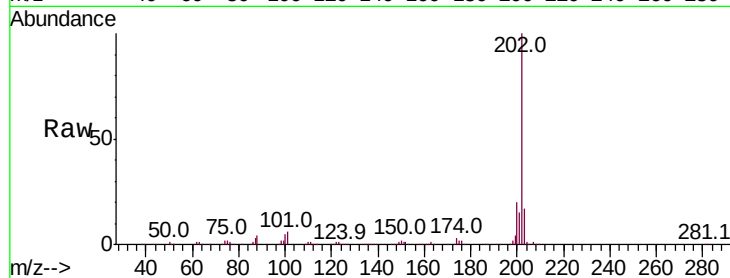
Tot Ion:202 Resp: 907742

Ion Ratio Lower Upper

202 100

101 6.1 0.0 26.7

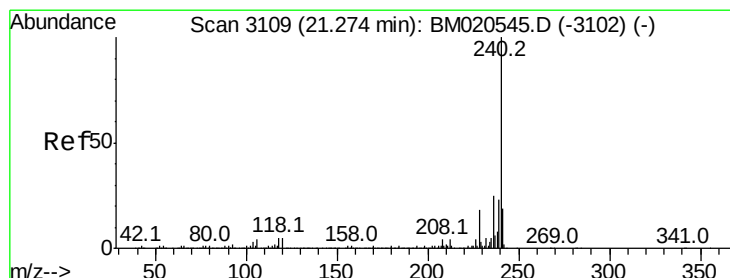
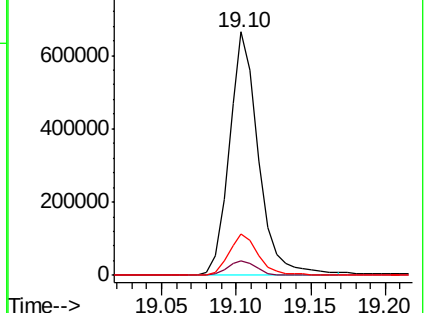
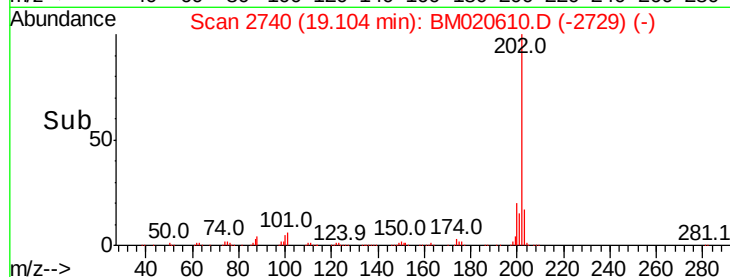
203 17.2 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

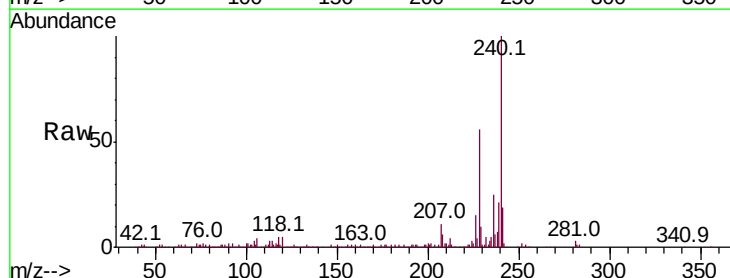
Tgt Ion:240 Resp: 341765

Ion Ratio Lower Upper

240 100

120 5.2 4.1 6.1

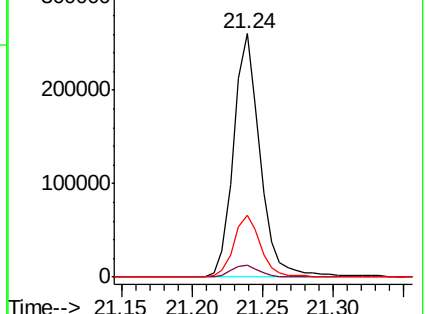
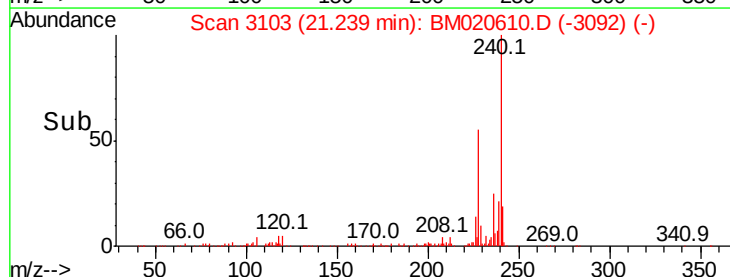
236 25.3 20.2 30.4

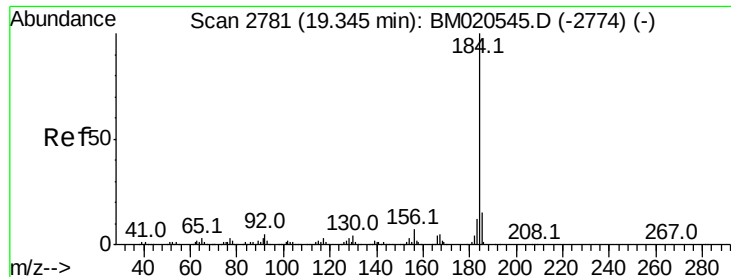


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.499 ng

RT: 19.33 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

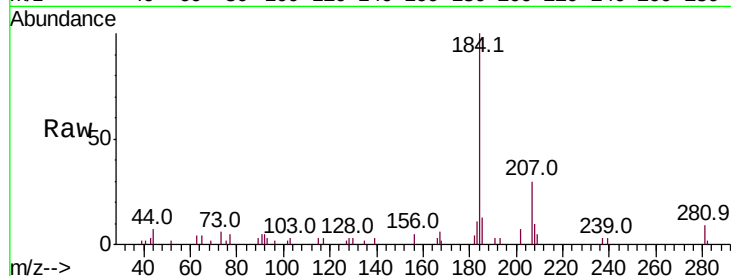
Tot Ion:184 Resp: 47100

Ion Ratio Lower Upper

184 100

185 12.6 11.8 17.8

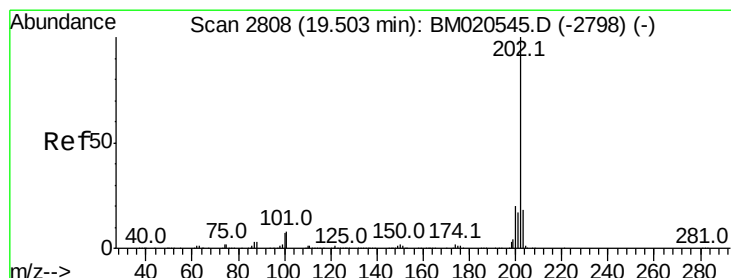
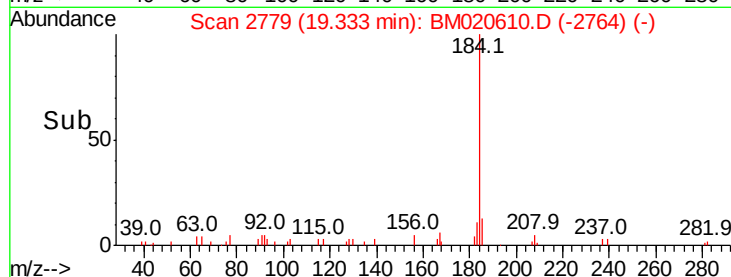
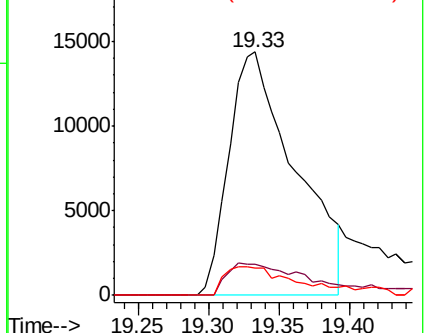
183 11.4 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.975 ng

RT: 19.47 min Scan# 2802

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

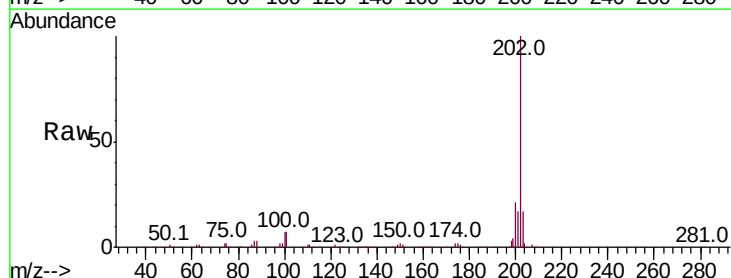
Tgt Ion:202 Resp: 922072

Ion Ratio Lower Upper

202 100

200 20.5 16.0 24.0

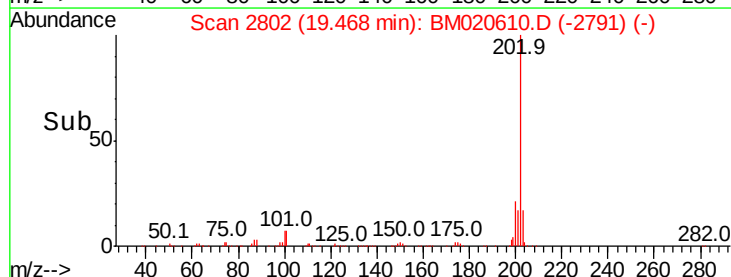
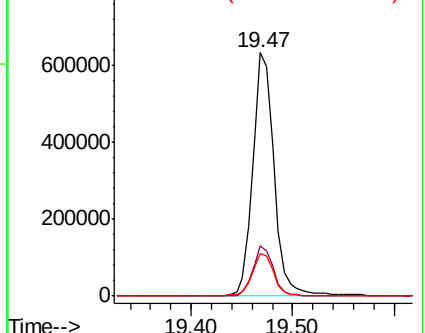
203 17.4 14.1 21.1

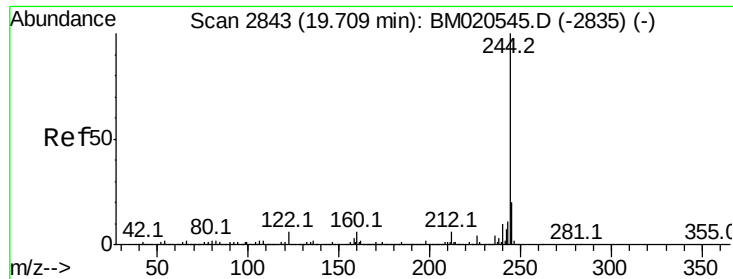


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.448 ng

RT: 19.67 min Scan# 2837

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

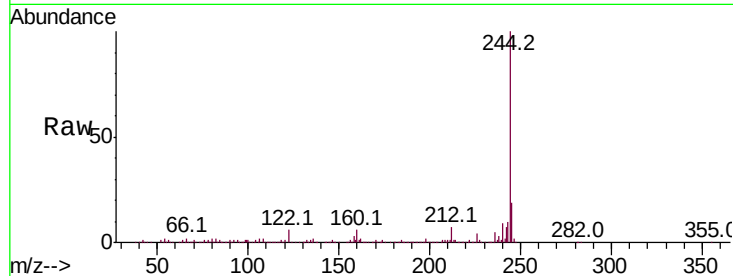
Tot Ion:244 Resp: 1634323

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.0	7.6
122	5.8	4.6	7.0

244 100

212 7.0 5.0 7.6

122 5.8 4.6 7.0

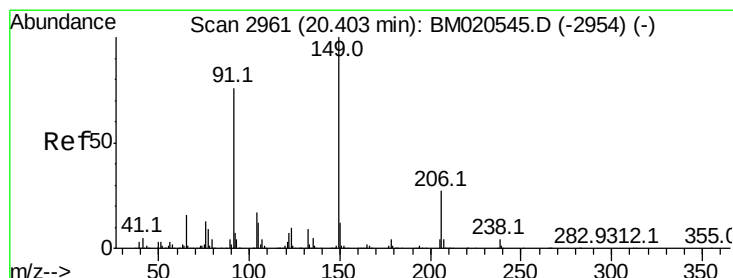
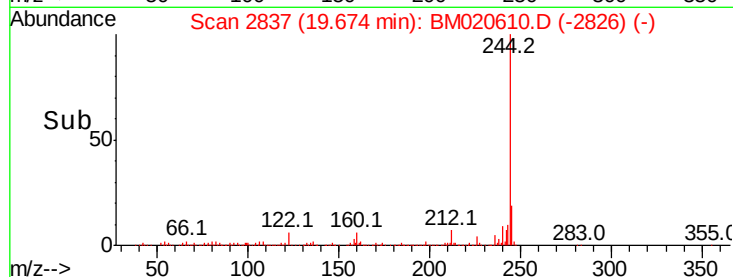
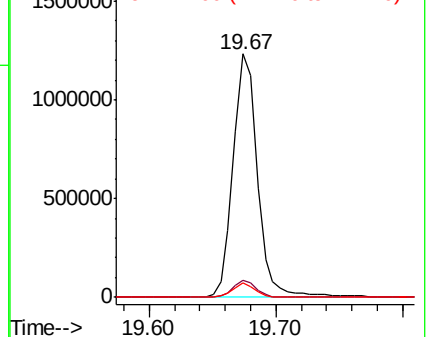


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.817 ng

RT: 20.37 min Scan# 2956

Delta R.T. -0.03 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

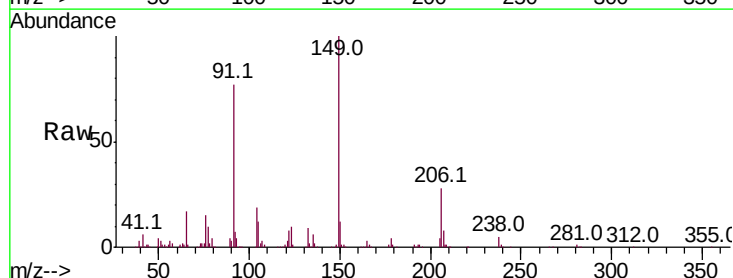
Tgt Ion:149 Resp: 277561

Ion	Ratio	Lower	Upper
149	100		
91	77.3	60.9	91.3
206	27.9	21.6	32.4

149 100

91 77.3 60.9 91.3

206 27.9 21.6 32.4

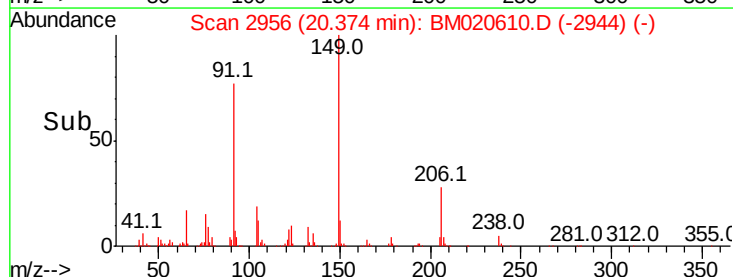
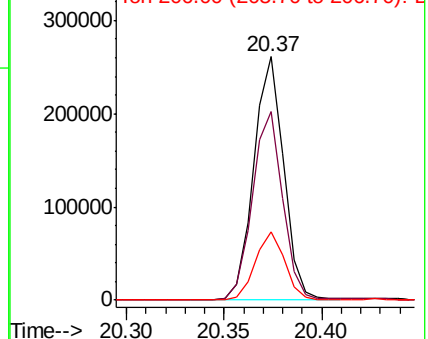


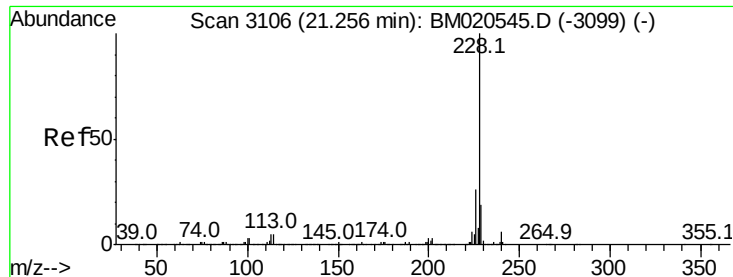
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.719 ng

RT: 21.22 min Scan# 3100

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

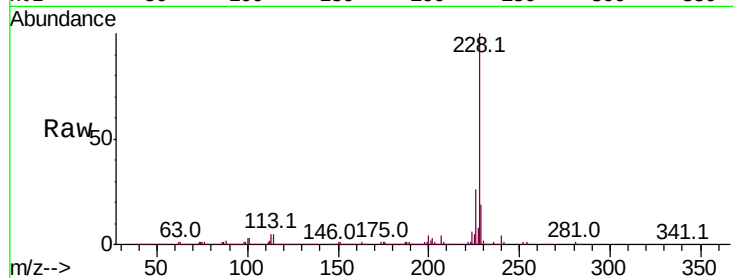
Tot Ion:228 Resp: 986814

Ion Ratio Lower Upper

228 100

226 25.9 20.7 31.1

229 19.4 15.5 23.3

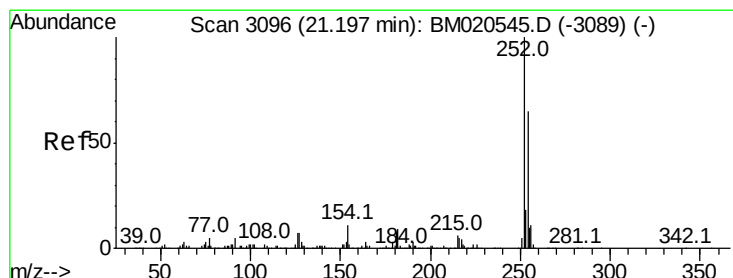
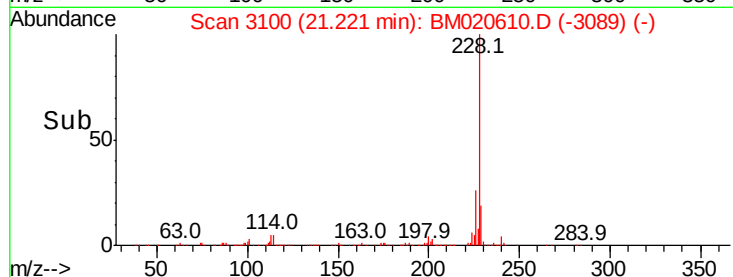
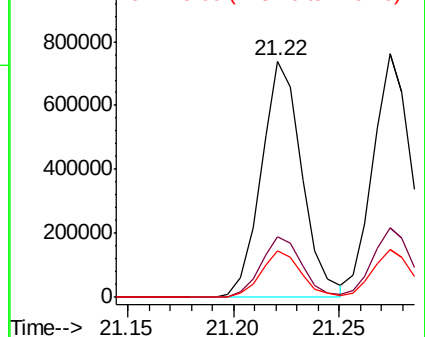


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.464 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.03 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

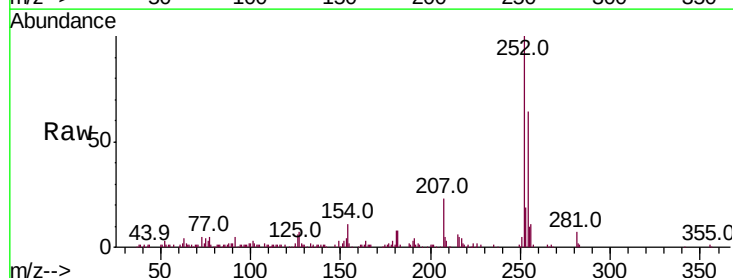
Tgt Ion:252 Resp: 176680

Ion Ratio Lower Upper

252 100

254 63.9 51.8 77.6

126 6.1 5.2 7.8

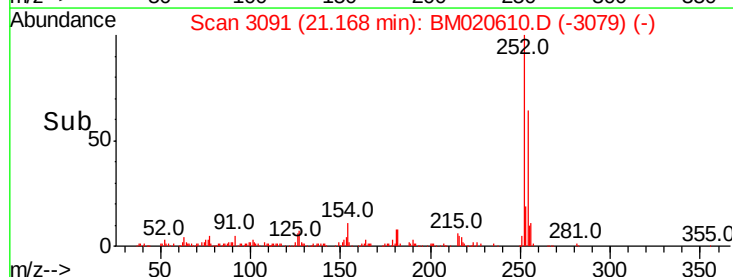
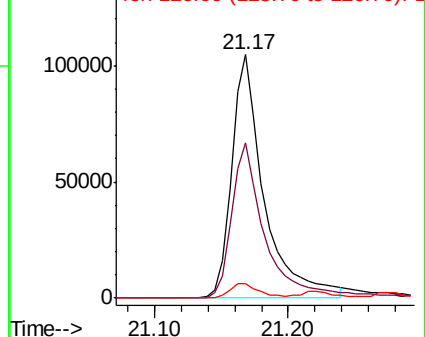


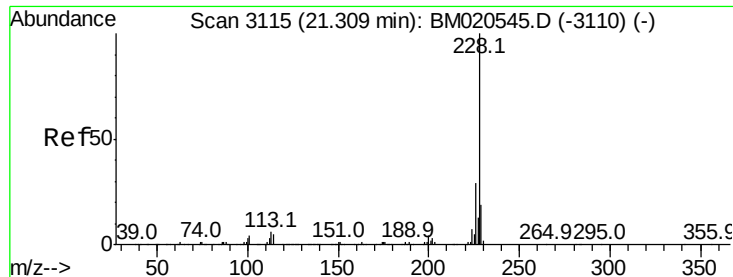
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

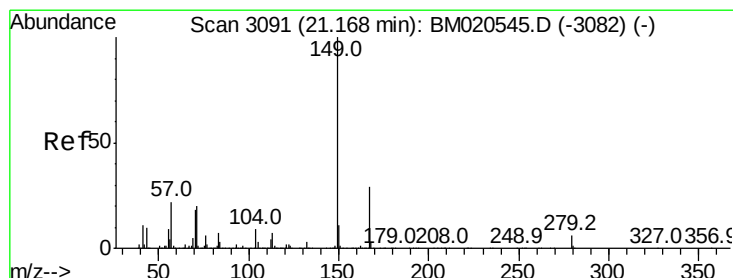
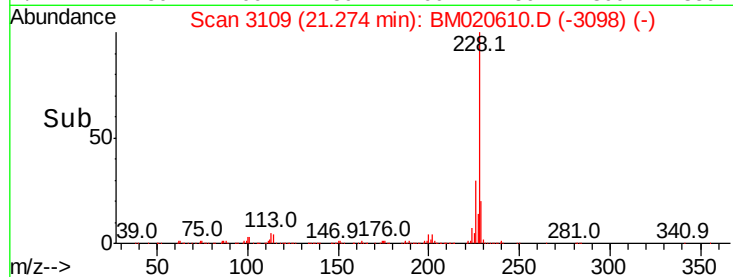
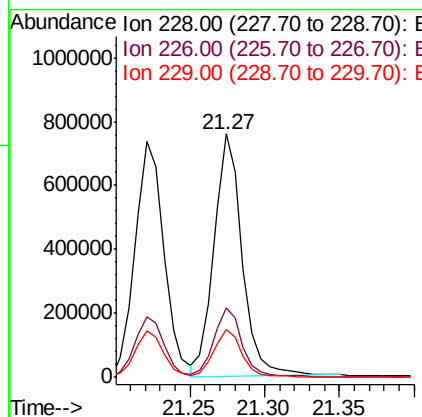
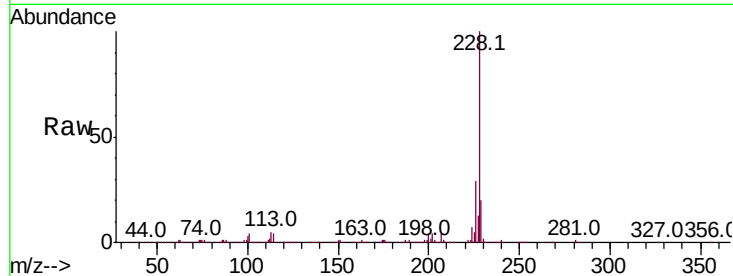




#83
 Chrysene
 Concen: 43.590 ng
 RT: 21.27 min Scan# 3109
 Delta R.T. -0.04 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

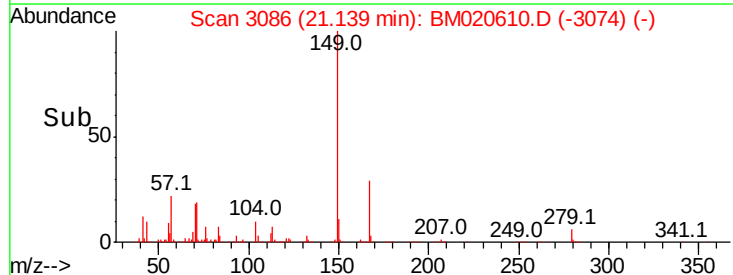
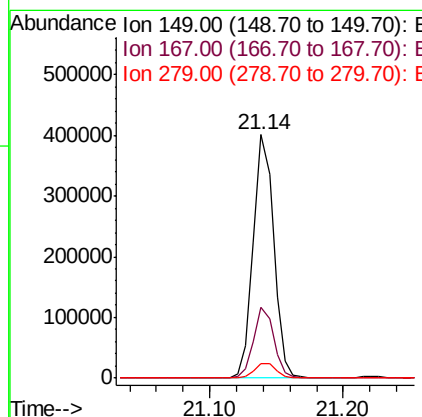
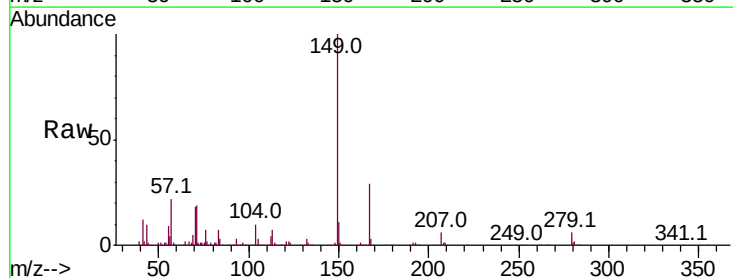
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

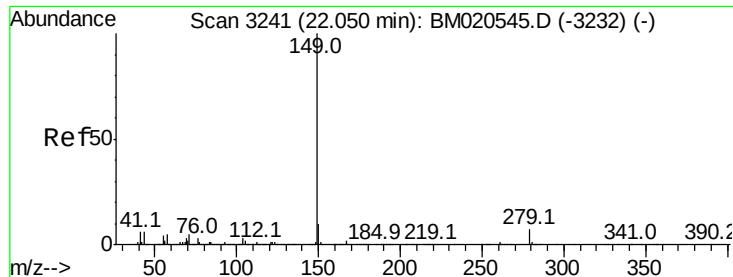
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.9	34.3
229	19.5	15.4	23.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.604 ng
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.03 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.9	34.3
279	6.0	4.9	7.3

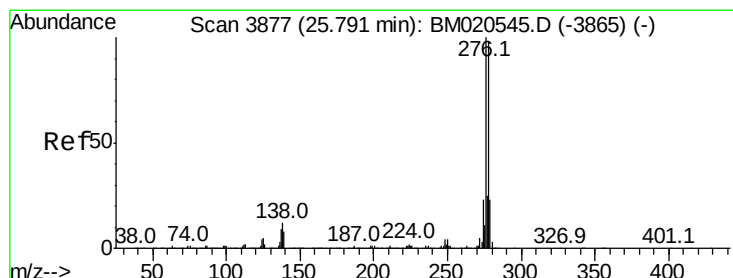
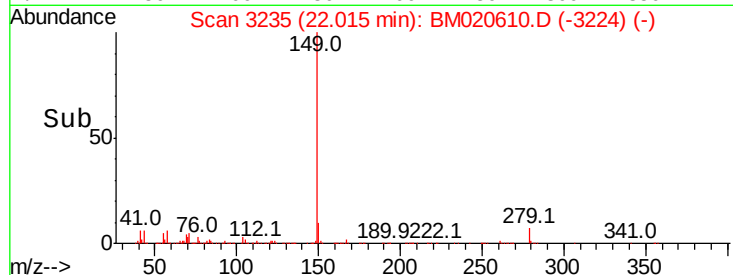
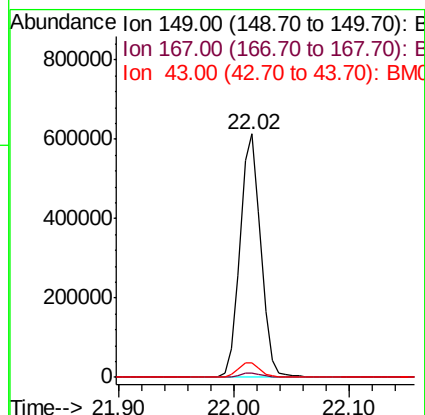
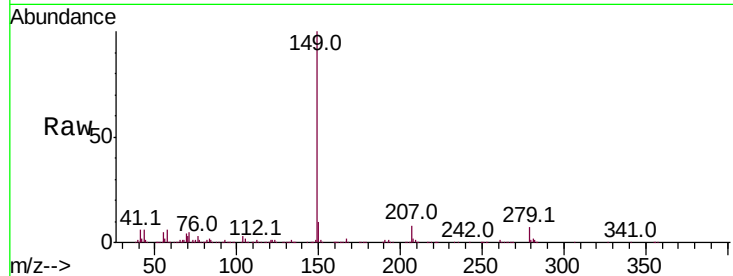




#85
Di-n-octyl phthalate
Concen: 39.672 ng
RT: 22.02 min Scan# 3235
Delta R.T. -0.04 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

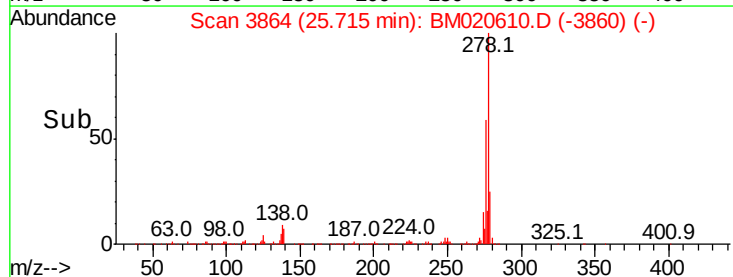
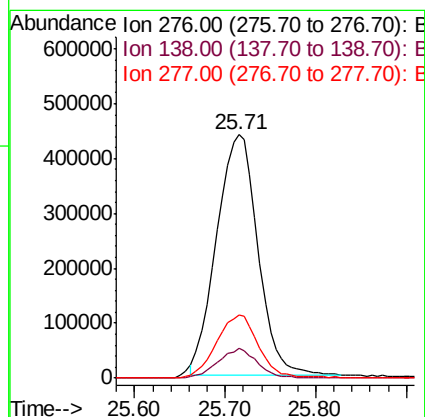
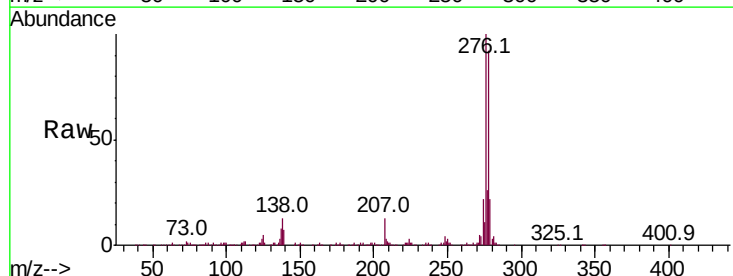
Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

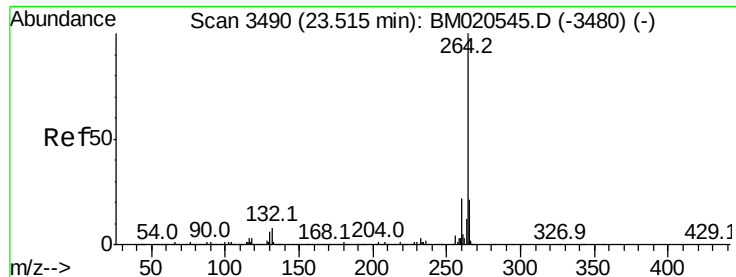
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	6.3	4.8	7.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.765 ng
RT: 25.71 min Scan# 3864
Delta R.T. -0.08 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.4	9.7	14.5
277	25.7	20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.05 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

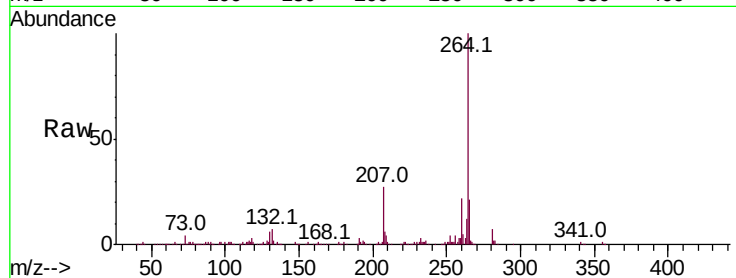
Tot Ion:264 Resp: 403877

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.7	26.5
265	21.3	17.4	26.2

264 100

260 22.4 17.7 26.5

265 21.3 17.4 26.2

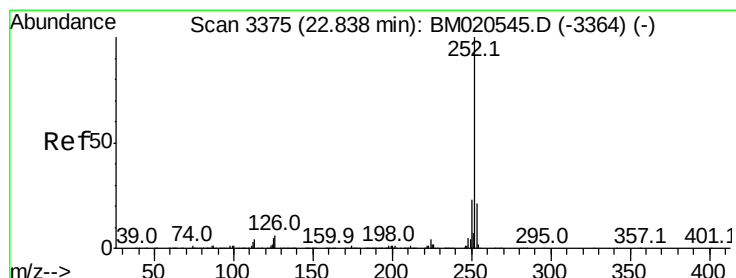
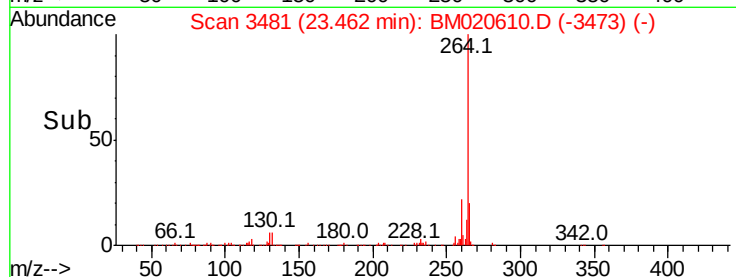
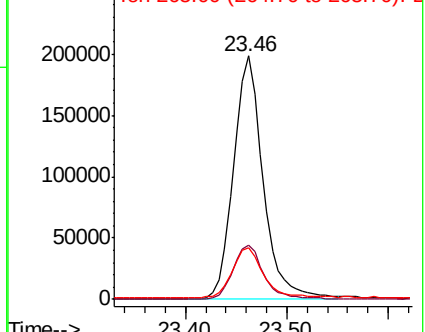


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.789 ng

RT: 22.79 min Scan# 3367

Delta R.T. -0.05 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

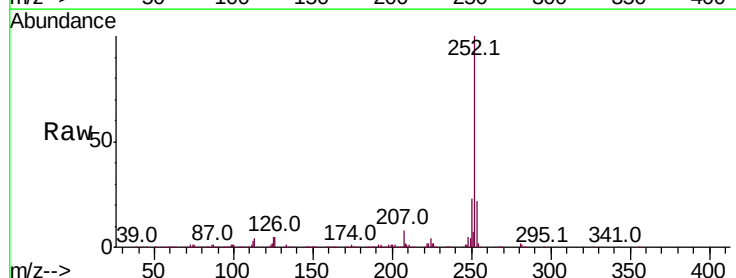
Tgt Ion:252 Resp: 1157543

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	4.5	3.8	5.8

252 100

253 22.2 17.1 25.7

125 4.5 3.8 5.8

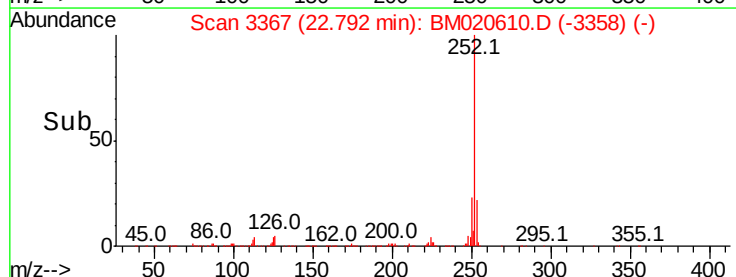
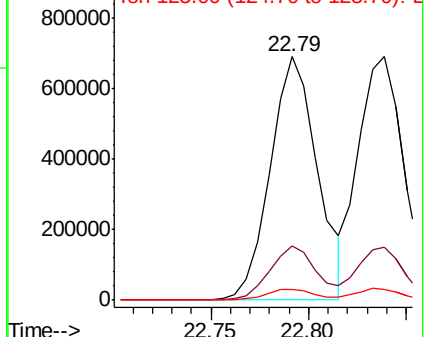


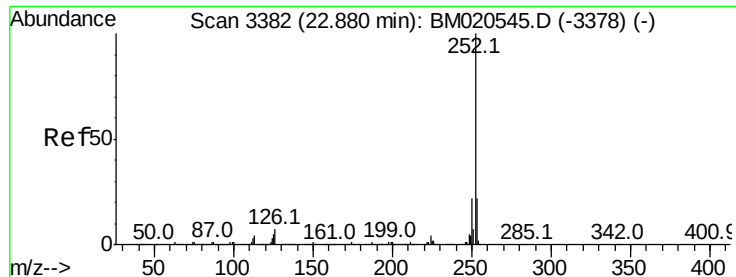
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.227 ng

RT: 22.84 min Scan# 3375

Delta R.T. -0.04 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

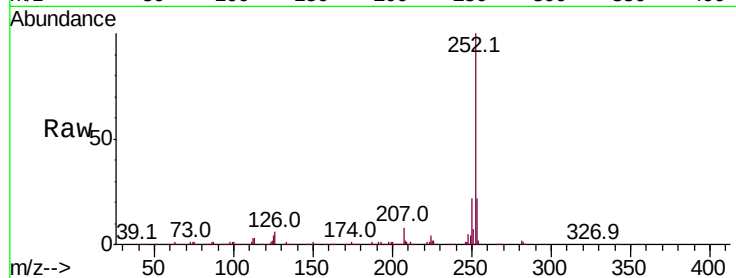
Tot Ion:252 Resp: 1134660

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

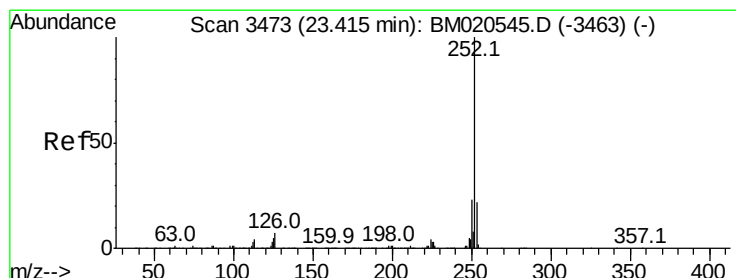
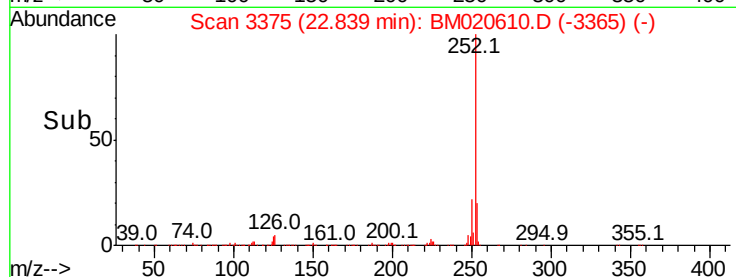
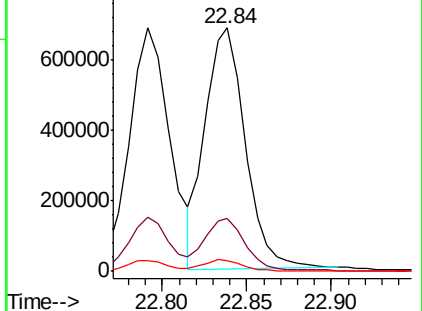
125 4.5 4.2 6.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.054 ng

RT: 23.37 min Scan# 3465

Delta R.T. -0.05 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

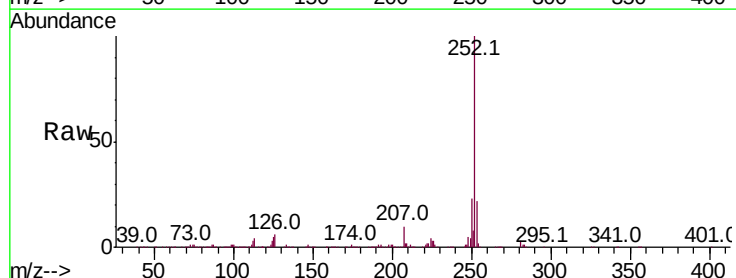
Tgt Ion:252 Resp: 1120275

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

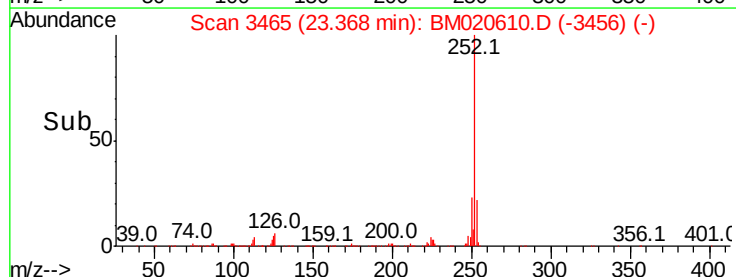
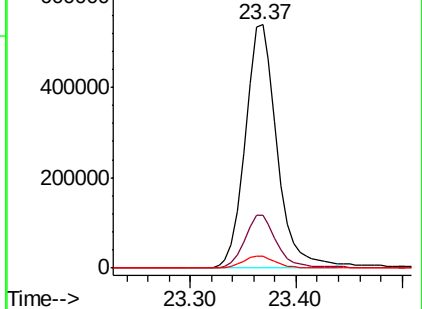
125 4.8 4.2 6.4

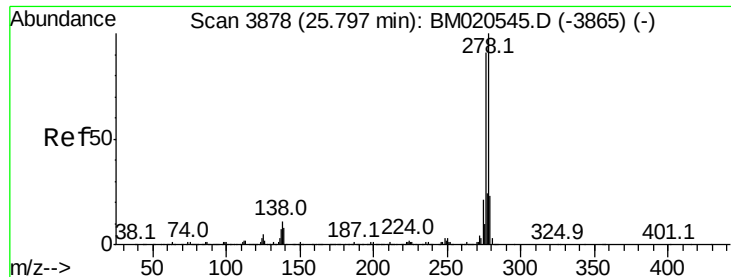


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.327 ng

RT: 25.72 min Scan# 3865

Delta R.T. -0.08 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

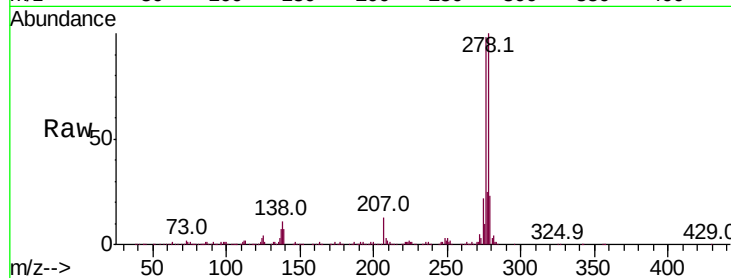
Tot Ion:278 Resp: 1228255

Ion Ratio Lower Upper

278 100

139 7.5 6.3 9.5

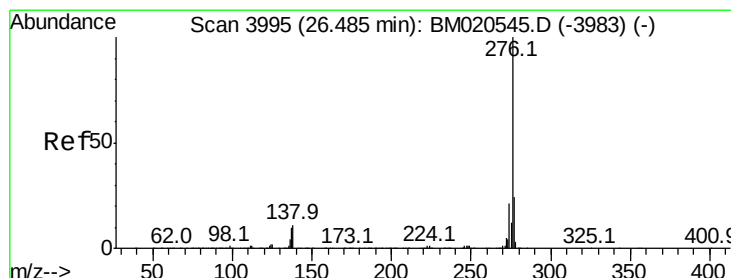
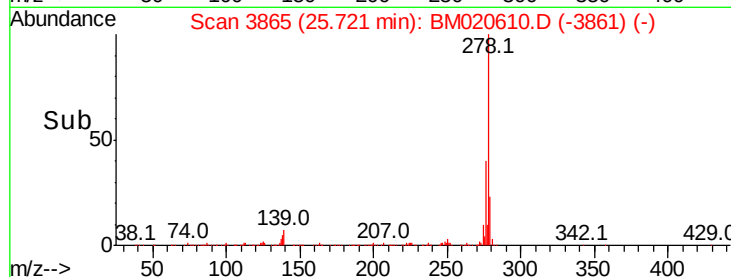
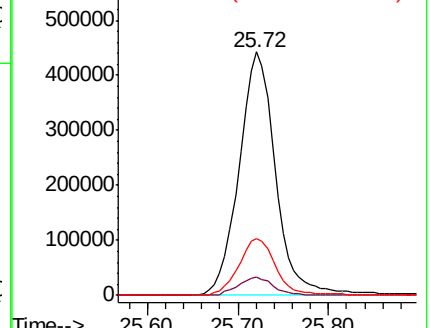
279 23.3 18.3 27.5



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: 49.774 ng

RT: 26.40 min Scan# 3981

Delta R.T. -0.08 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

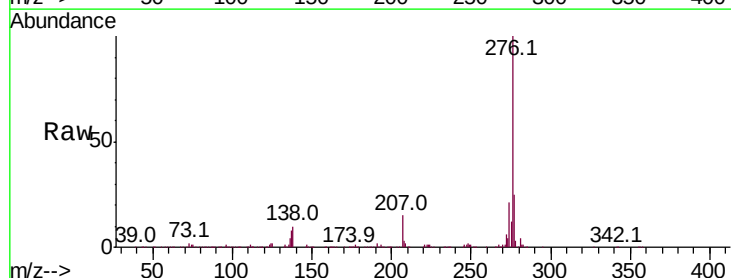
Tgt Ion:276 Resp: 1148892

Ion Ratio Lower Upper

276 100

277 24.6 19.1 28.7

138 9.6 8.6 12.8



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

