

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031519\
 Data File : BM019185.D
 Acq On : 15 Mar 2019 14:23
 Operator : JU/SJ
 Sample : K1905-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052MS

Quant Time: Mar 16 01:32:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	193235	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	894345	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	570801	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1309280	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	1305821	20.00	ng	0.00
87) Perylene-d12	23.50	264	1140126	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1568142	131.42	ng	0.00
7) Phenol-d6	6.84	99	2393297	137.13	ng	0.00
23) Nitrobenzene-d5	8.83	82	1456010	76.96	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1081593	128.34	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3137394	71.50	ng	-0.01
79) Terphenyl-d14	19.70	244	5003199	76.06	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	141058	26.575	ng	99
3) Pyridine	3.62	79	408942	28.318	ng	98
4) n-Nitrosodimethylamine	3.53	42	130445	29.056	ng	90
6) Aniline	7.00	93	554836	24.623	ng	98
8) 2-Chlorophenol	7.22	128	520293	36.286	ng	98
9) Benzaldehyde	6.82	77	206890	18.846	ng	100
10) Phenol	6.87	94	885241	47.064	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	467492	32.572	ng	98
12) 1,3-Dichlorobenzene	7.54	146	483457	31.861	ng	99
13) 1,4-Dichlorobenzene	7.69	146	496259	32.079	ng	98
14) 1,2-Dichlorobenzene	8.00	146	487185	32.369	ng	99
15) Benzyl Alcohol	7.91	79	514398	35.612	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	466063	31.802	ng	99
17) 2-Methylphenol	8.10	107	477002	38.917	ng	99
18) Hexachloroethane	8.71	117	178301	31.017	ng	97
19) n-Nitroso-di-n-propylamine	8.46	70	471122	32.903	ng	99
20) 3+4-Methylphenols	8.43	107	656470	39.457	ng	99
22) Acetophenone	8.49	105	780551	31.581	ng	99
24) Nitrobenzene	8.87	77	665441	33.818	ng	100
25) Isophorone	9.39	82	1223452	33.889	ng	100
26) 2-Nitrophenol	9.57	139	288041	35.315	ng	98
27) 2,4-Dimethylphenol	9.63	122	528388	43.577	ng	100
28) bis(2-Chloroethoxy)methane	9.87	93	720728	33.715	ng	99
29) 2,4-Dichlorophenol	10.09	162	542449	40.393	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	515917	34.070	ng	99
31) Naphthalene	10.49	128	1600484	33.953	ng	100
32) Benzoic acid	9.76	122	118292	11.519	ng	98
33) 4-Chloroaniline	10.62	127	410248	21.231	ng	99
34) Hexachlorobutadiene	10.75	225	271131	31.201	ng	98
35) Caprolactam	11.45	113	146999	30.728	ng	96
36) 4-Chloro-3-methylphenol	11.75	107	646418	39.011	ng	99
37) 2-Methylnaphthalene	12.11	142	1232163	35.971	ng	99
38) 1-Methylnaphthalene	12.33	142	1180729	34.971	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	594022	32.899	ng	99

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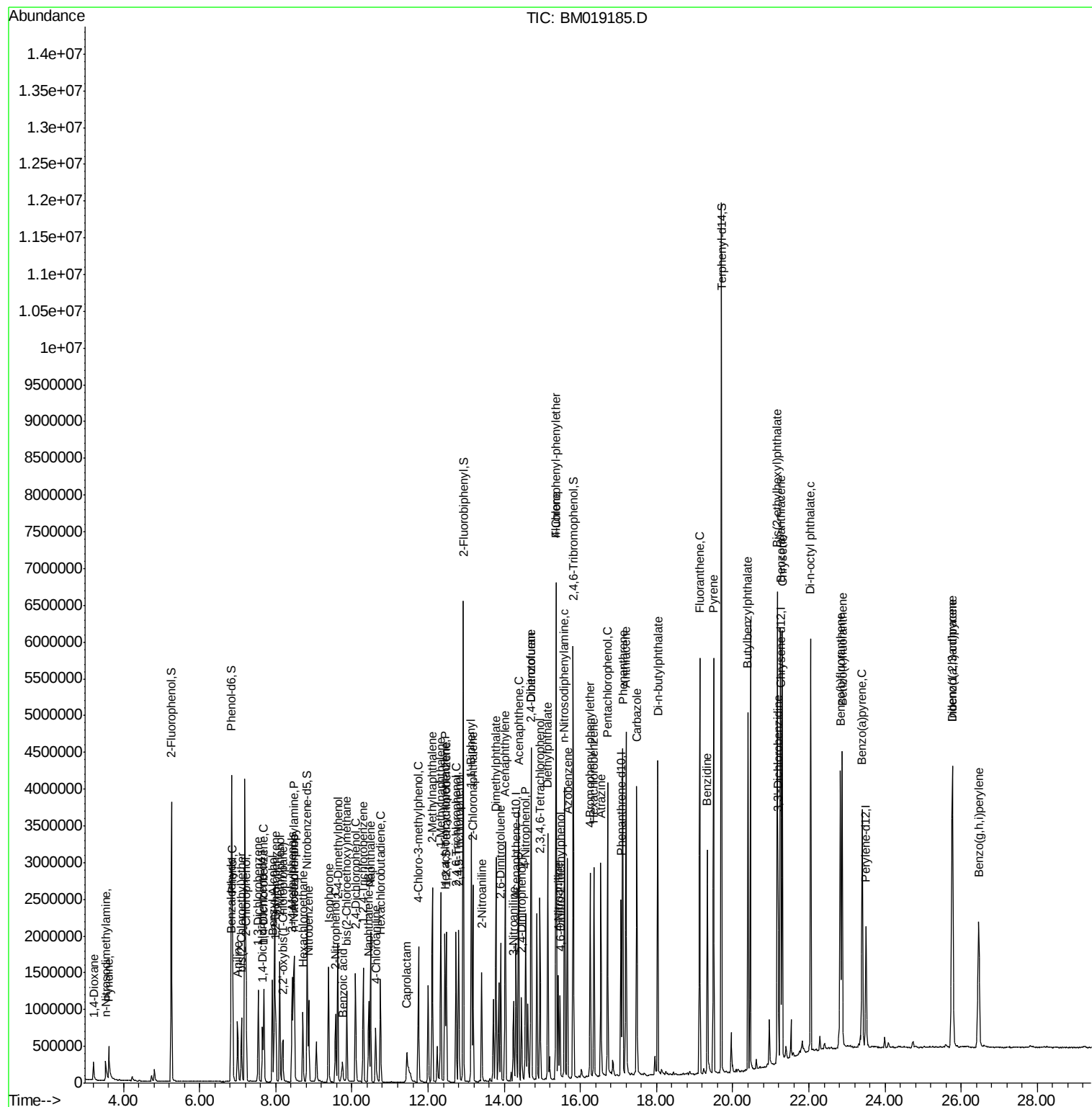
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	525938	64.306	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	452443	38.775	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	479217	38.407	ng	98
46) 1,1'-Biphenyl	13.13	154	1635547	32.810	ng	100
47) 2-Chloronaphthalene	13.18	162	1284113	34.511	ng	99
48) 2-Nitroaniline	13.41	65	457698	36.678	ng	98
49) Acenaphthylene	14.03	152	2118004	33.665	ng	100
50) Dimethylphthalate	13.78	163	1894910	38.807	ng	99
51) 2,6-Dinitrotoluene	13.91	165	373777	35.411	ng	97
52) Acenaphthene	14.37	154	1232183	34.084	ng	99
53) 3-Nitroaniline	14.24	138	275908	24.680	ng	98
54) 2,4-Dinitrophenol	14.46	184	257276	41.970	ng	97
55) Dibenzofuran	14.71	168	2012944	34.527	ng	100
56) 4-Nitrophenol	14.56	139	629154	68.927	ng	97
57) 2,4-Dinitrotoluene	14.70	165	536202	34.995	ng	99
58) Fluorene	15.36	166	1645751	34.247	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	440876	37.954	ng	99
60) Diethylphthalate	15.14	149	1718124	34.742	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	810397	34.721	ng	99
62) 4-Nitroaniline	15.42	138	349807	31.048	ng	98
63) Azobenzene	15.65	77	1823348	35.038	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	230749	26.895	ng	99
66) n-Nitrosodiphenylamine	15.59	169	1457250	34.960	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	490002	33.938	ng	97
68) Hexachlorobenzene	16.36	284	576527	33.587	ng	98
69) Atrazine	16.54	200	505333	36.014	ng	99
70) Pentachlorophenol	16.72	266	697382	67.433	ng	100
71) Phenanthrene	17.11	178	2579838	33.617	ng	100
72) Anthracene	17.20	178	2626743	34.964	ng	99
73) Carbazole	17.48	167	2414350	34.049	ng	99
74) Di-n-butylphthalate	18.03	149	3045517	35.519	ng	99
75) Fluoranthene	19.13	202	3082867	35.009	ng	99
77) Benzidine	19.33	184	1662785	44.899	ng	100
78) Pyrene	19.50	202	3097871	37.495	ng	100
80) Butylbenzylphthalate	20.40	149	1419989	39.459	ng	98
81) Benzo(a)anthracene	21.25	228	2737108	33.411	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	791276	25.073	ng	98
83) Chrysene	21.30	228	2634638	33.243	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2098657	40.086	ng	100
85) Di-n-octyl phthalate	22.04	149	3531152	40.055	ng	100
86) Indeno(1,2,3-cd)pyrene	25.76	276	2561185	30.020	ng	100
88) Benzo(b)fluoranthene	22.83	252	2587241	35.021	ng	100
89) Benzo(k)fluoranthene	22.87	252	2480348	36.502	ng	99
90) Benzo(a)pyrene	23.40	252	2343721	35.302	ng	100
91) Dibenzo(a,h)anthracene	25.77	278	2188777	34.464	ng	100
92) Benzo(g,h,i)perylene	26.46	276	2051030	35.176	ng	100

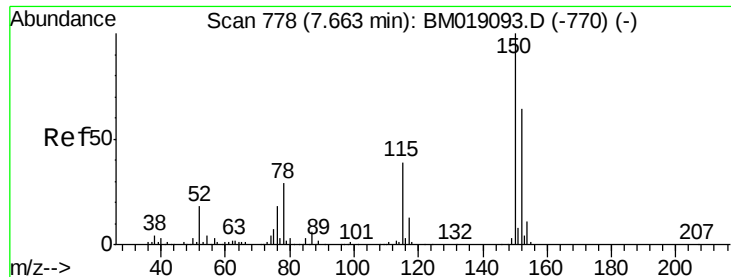
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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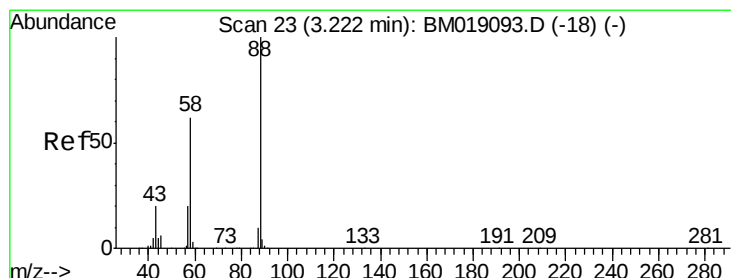
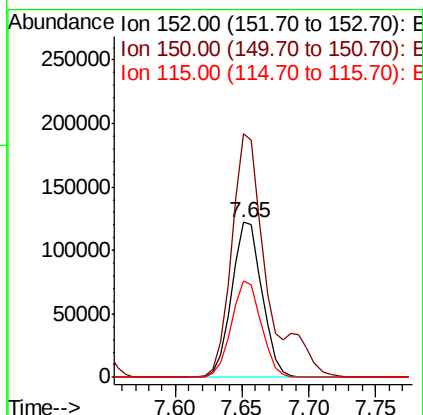
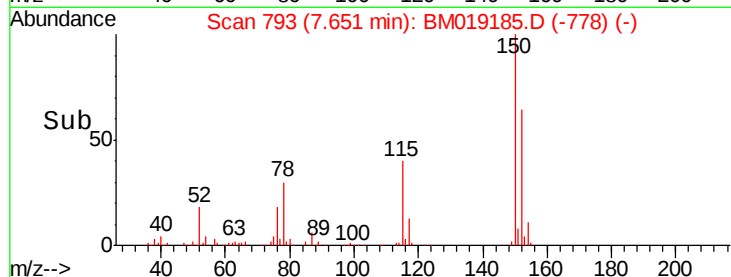
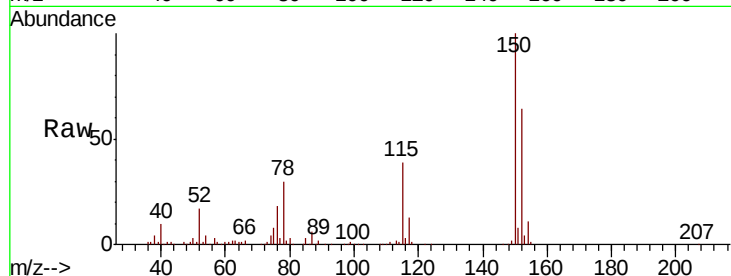


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
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ClientSampleId :
RBR-200052MS

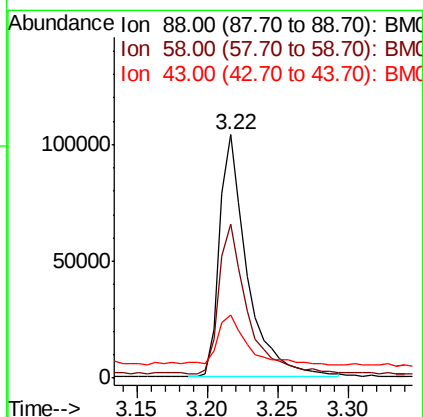
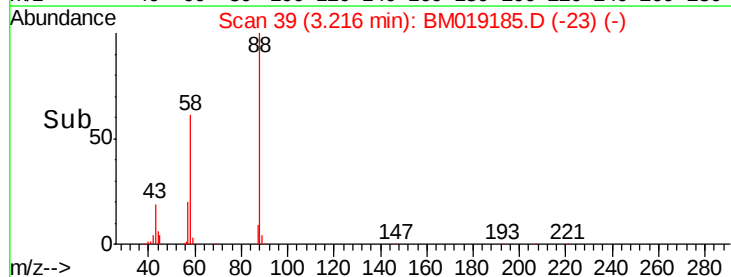
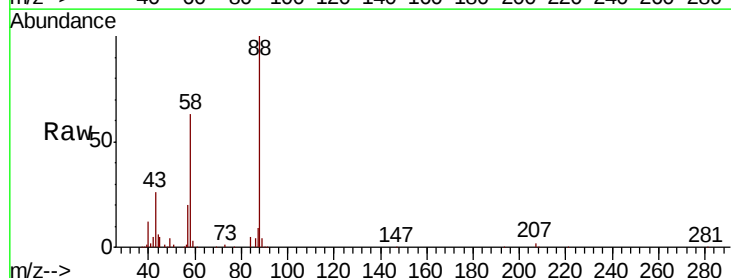
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.3	187.9
115	61.9	49.4	74.0

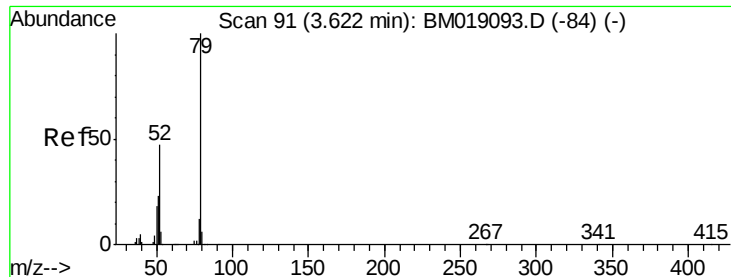


#2

1,4-Dioxane
Concen: 26.575 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.1	50.0	75.0
43	21.7	17.0	25.4





#3

Pyridine

Concen: 28.318 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

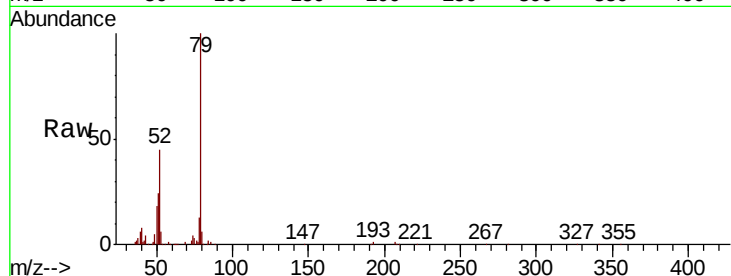
Tgt Ion: 79 Resp: 408942

Ion Ratio Lower Upper

79 100

52 45.4 37.5 56.3

51 24.3 19.2 28.8

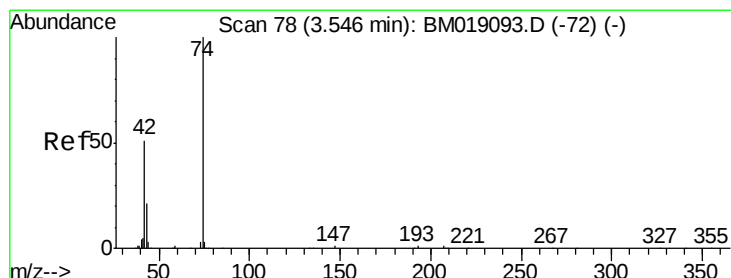
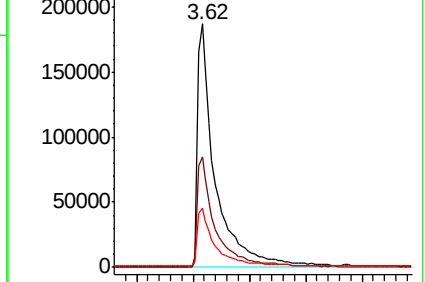
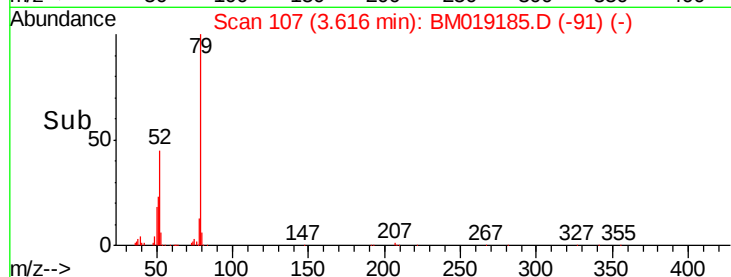


Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019093.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-84) (-)

Time-->



#4

n-Nitrosodimethylamine

Concen: 29.056 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

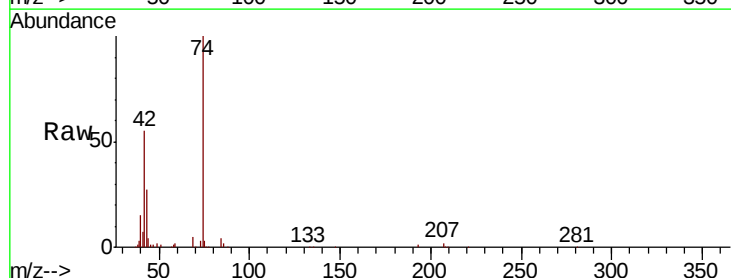
Tgt Ion: 42 Resp: 130445

Ion Ratio Lower Upper

42 100

74 180.3 156.3 234.5

44 6.5 4.6 7.0

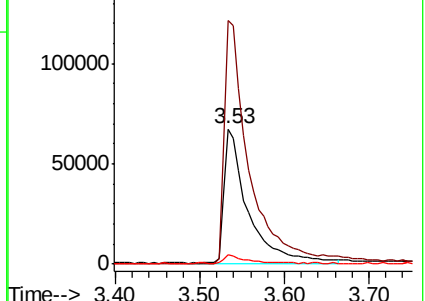
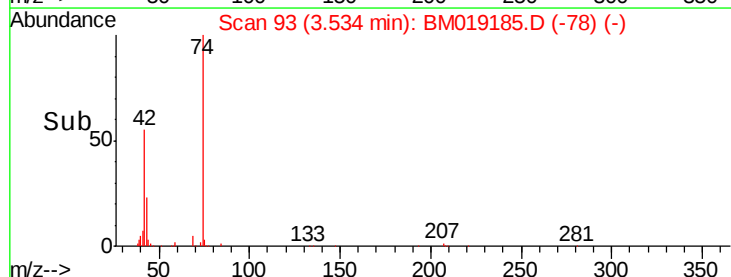


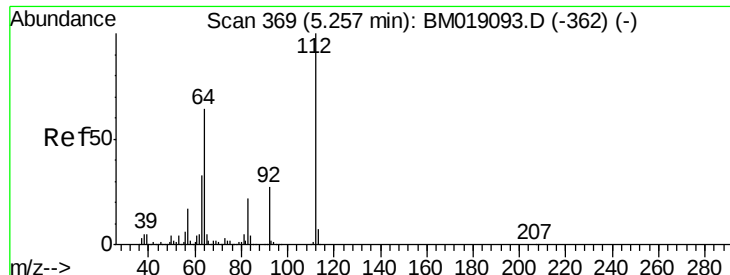
Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BM019093.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BM019093.D (-72) (-)

Time-->





#5

2-Fluorophenol

Concen: 131.424 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.00 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

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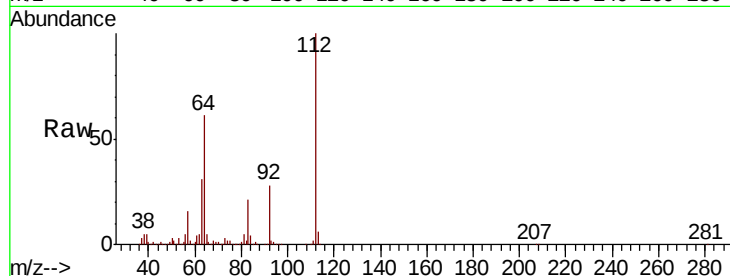
Tgt Ion: 112 Resp: 1568142

Ion Ratio Lower Upper

112 100

64 61.4 51.4 77.0

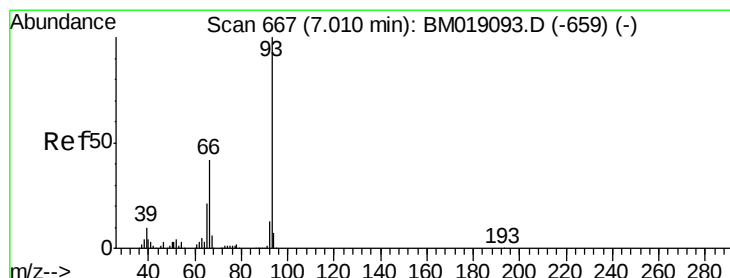
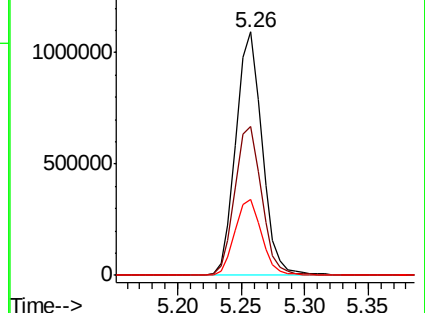
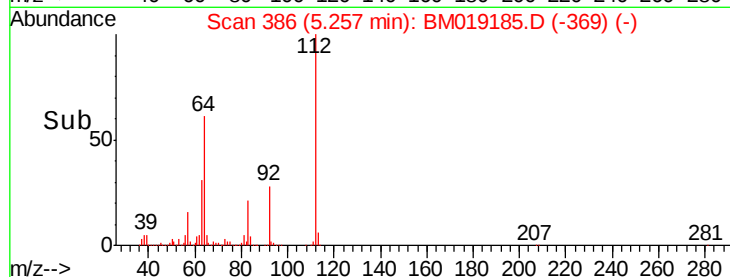
63 31.4 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 24.623 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

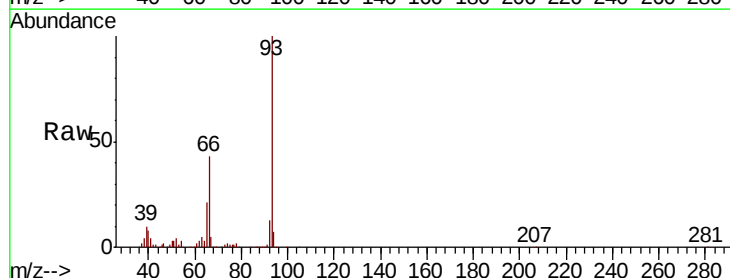
Tgt Ion: 93 Resp: 554836

Ion Ratio Lower Upper

93 100

66 43.3 33.4 50.2

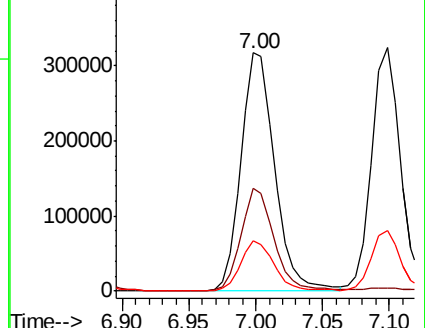
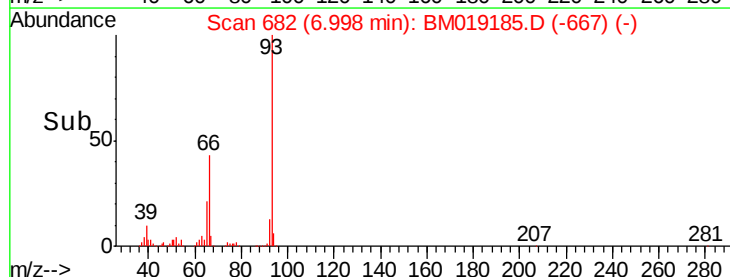
65 21.2 16.8 25.2

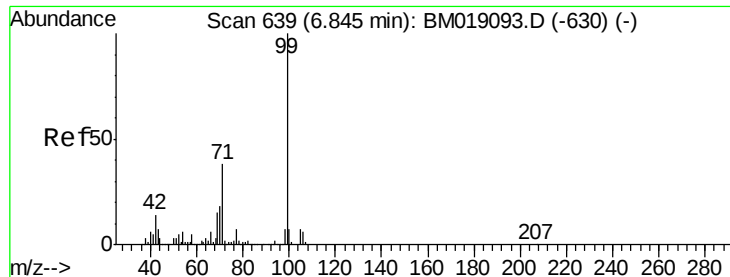


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 137.129 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

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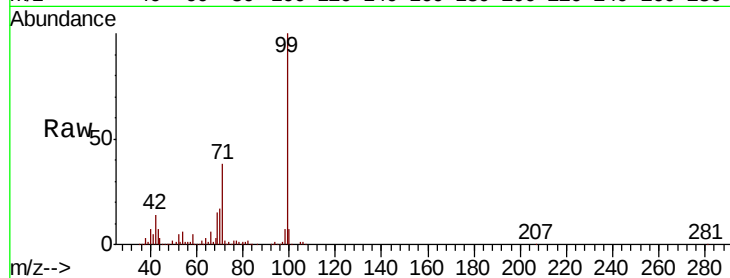
Tgt Ion: 99 Resp: 2393297

Ion Ratio Lower Upper

99 100

42 13.9 10.9 16.3

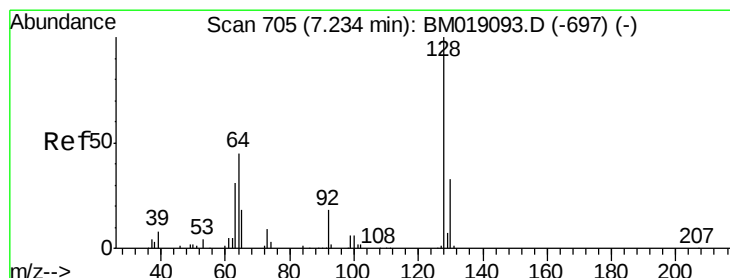
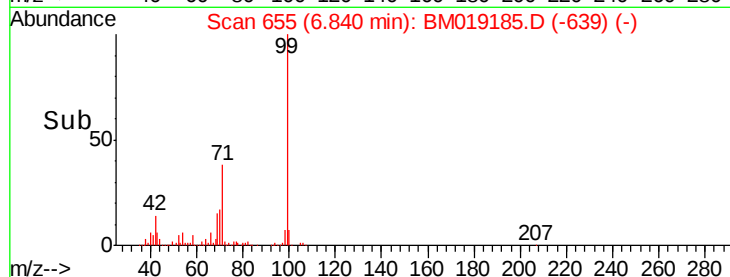
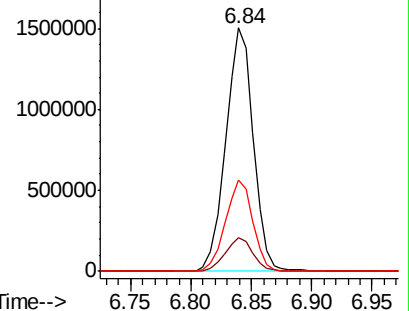
71 37.6 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#8

2-Chlorophenol

Concen: 36.286 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

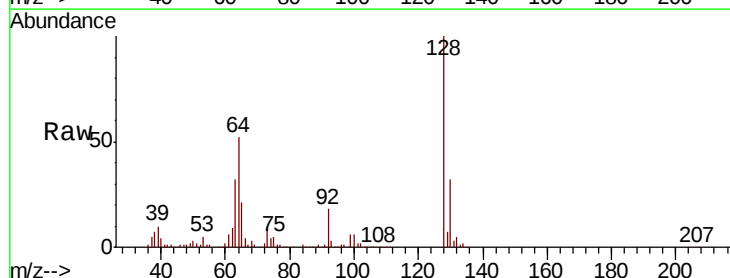
Tgt Ion: 128 Resp: 520293

Ion Ratio Lower Upper

128 100

130 31.7 12.8 52.8

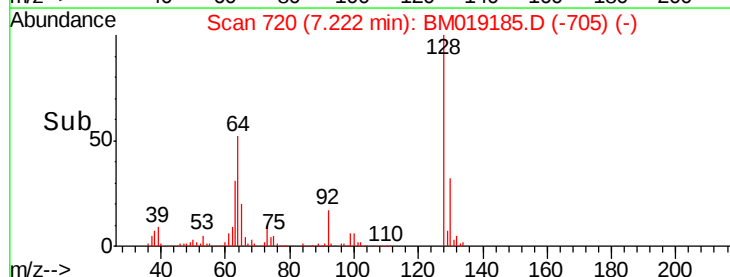
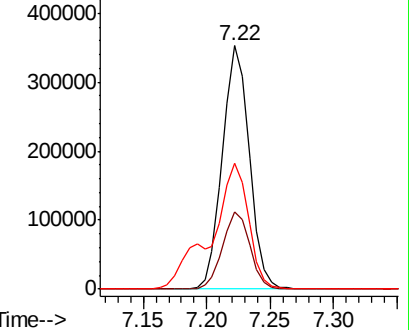
64 51.6 30.8 70.8

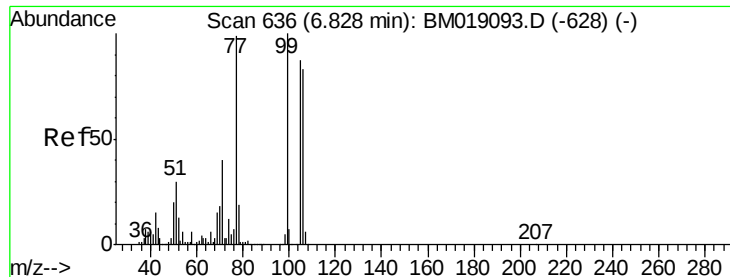


Abundance Ion 128.00 (127.70 to 128.70): BM019093.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BM019093.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BM019093.D (-697) (-)





#9

Benzaldehyde

Concen: 18.846 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.01 min

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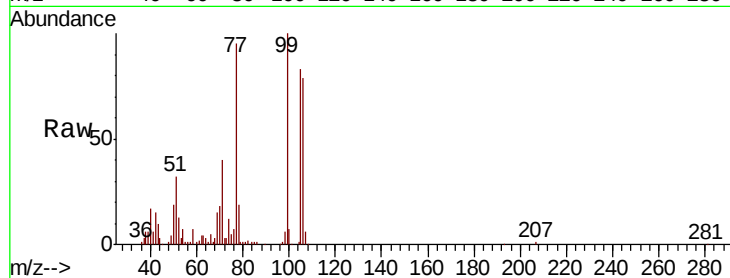
Tgt Ion: 77 Resp: 206890

Ion Ratio Lower Upper

77 100

105 87.7 67.7 107.7

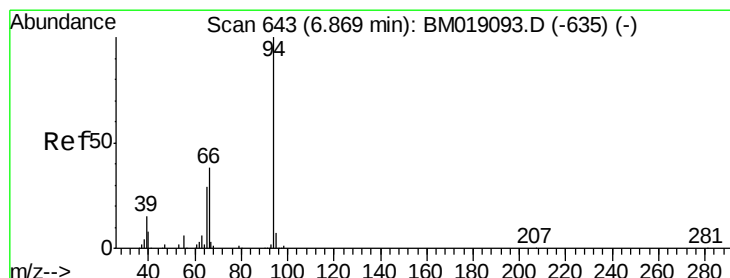
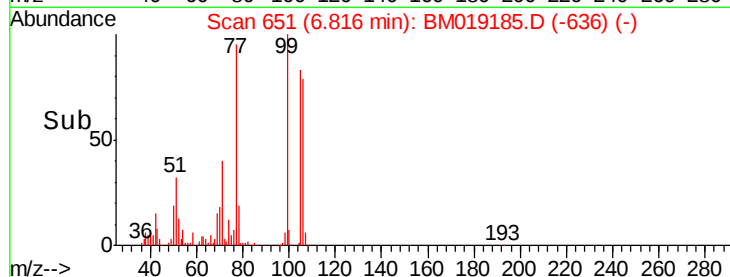
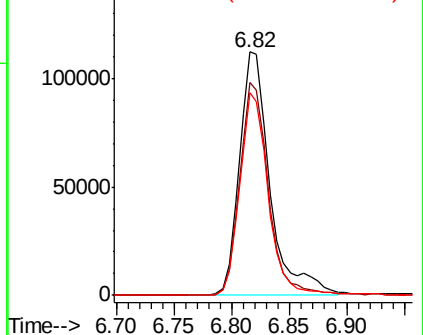
106 83.3 64.1 104.1



Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-628) (-)

Ion 105.00 (104.70 to 105.70): BM019093.D (-628) (-)

Ion 106.00 (105.70 to 106.70): BM019093.D (-628) (-)



#10

Phenol

Concen: 47.064 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.00 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

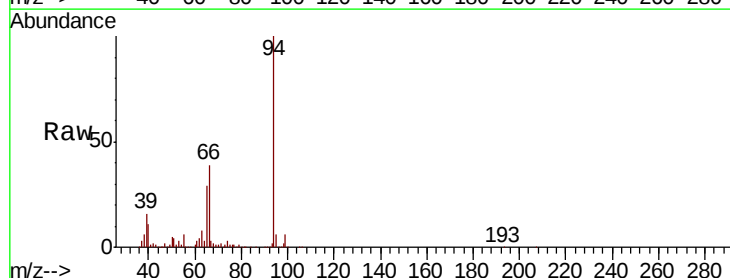
Tgt Ion: 94 Resp: 885241

Ion Ratio Lower Upper

94 100

65 29.3 9.7 49.7

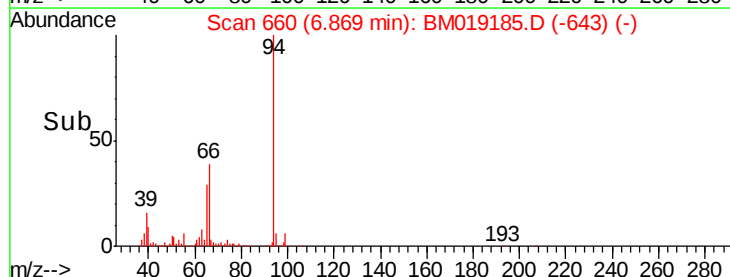
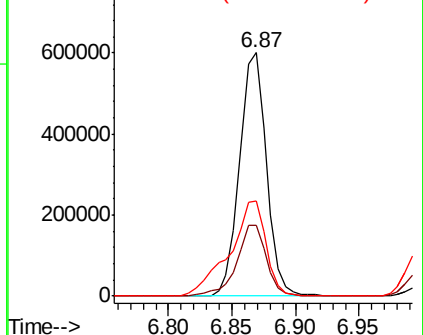
66 39.1 19.2 59.2

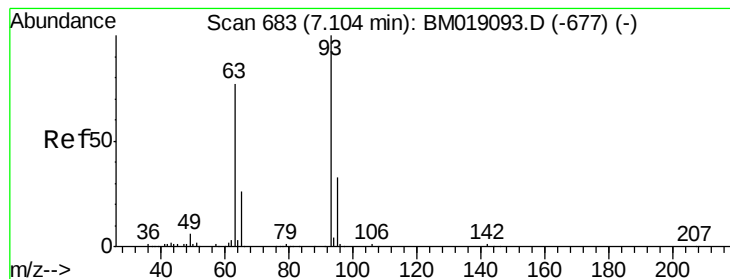


Abundance Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM019093.D (-635) (-)





#11

bis(2-Chloroethyl)ether

Concen: 32.572 ng

RT: 7.10 min Scan# 699

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

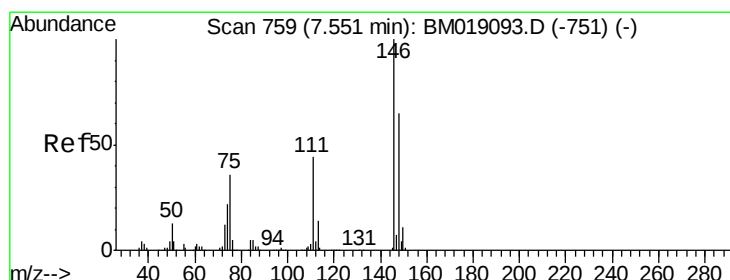
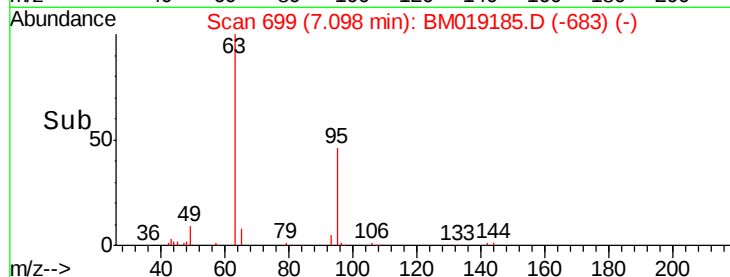
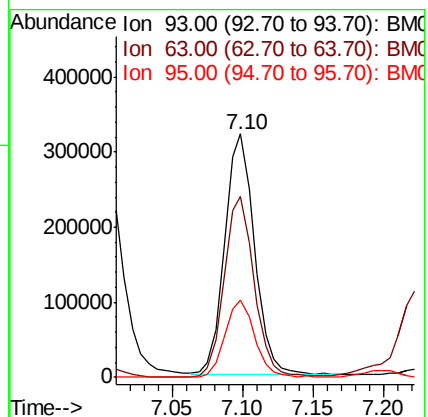
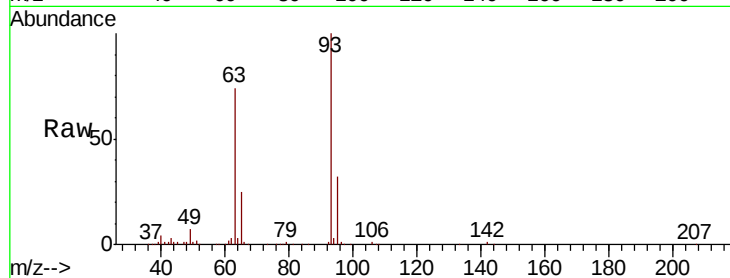
Tgt Ion: 93 Resp: 467492

Ion Ratio Lower Upper

93 100

63 74.4 56.6 96.6

95 32.0 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 31.861 ng

RT: 7.54 min Scan# 774

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

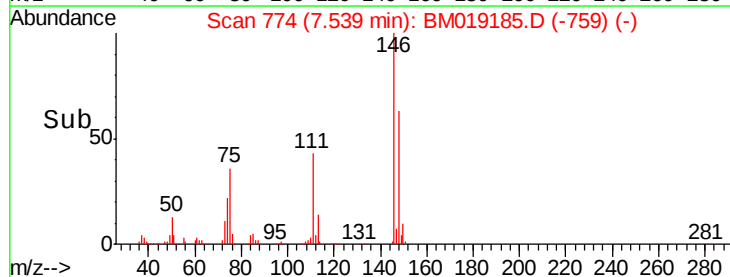
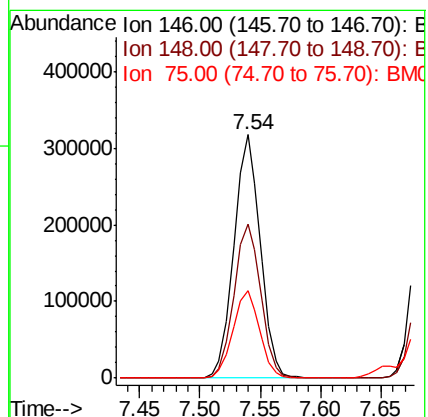
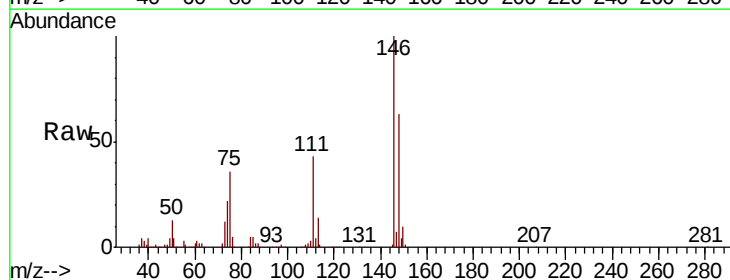
Tgt Ion: 146 Resp: 483457

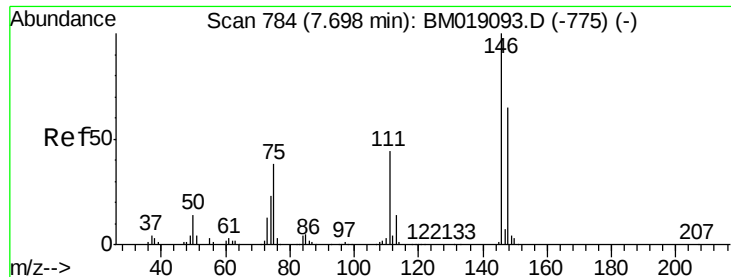
Ion Ratio Lower Upper

146 100

148 63.1 51.7 77.5

75 36.1 29.1 43.7

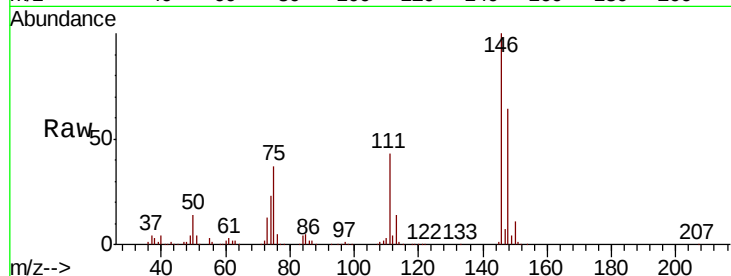




#13
 1,4-Dichlorobenzene
 Concen: 32.079 ng
 RT: 7.69 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
111	42.8	35.4	53.0

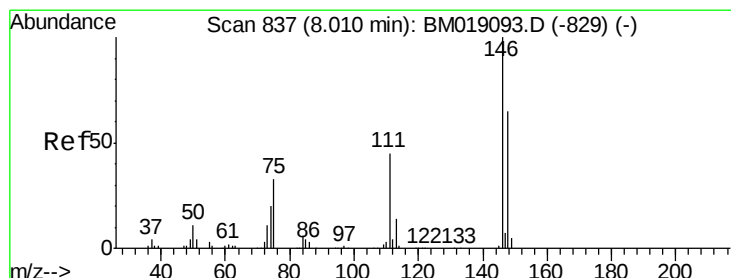
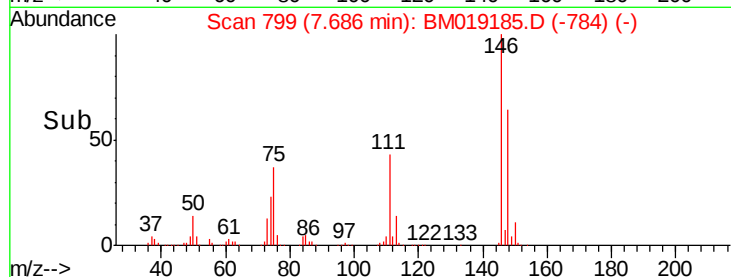
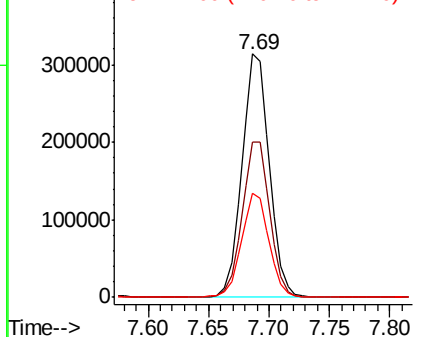


Abundance

Ion 146.00 (145.70 to 146.70): E

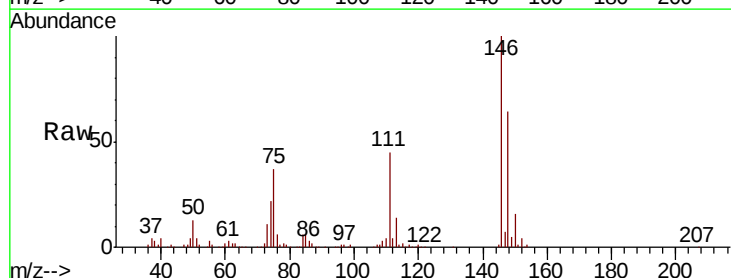
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 32.369 ng
 RT: 8.00 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
111	44.8	36.2	54.4

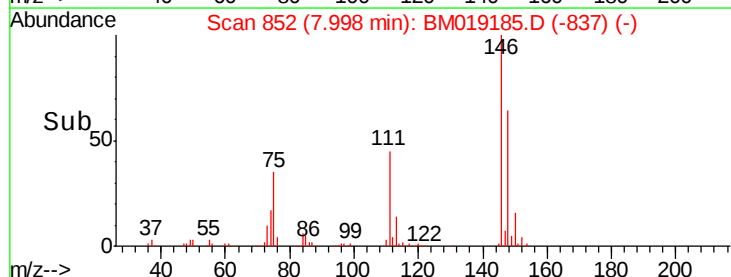
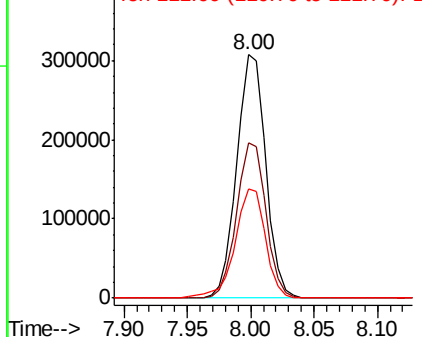


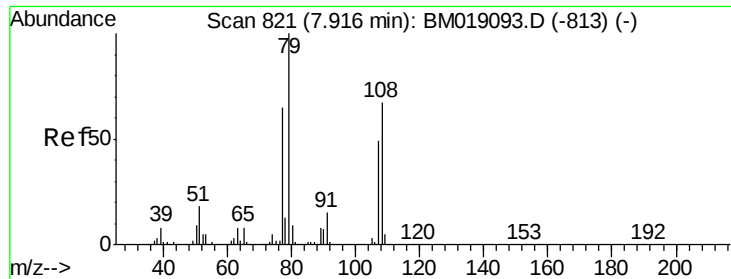
Abundance

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: 35.612 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

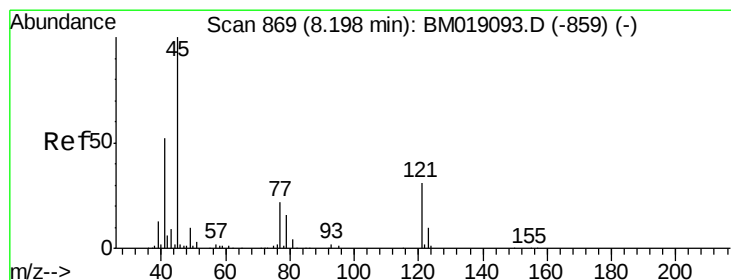
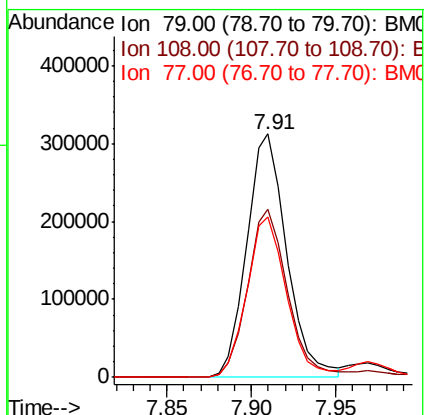
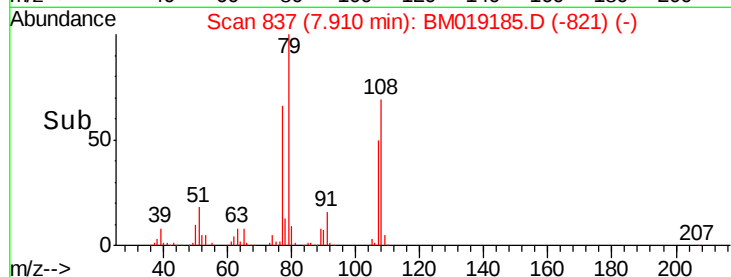
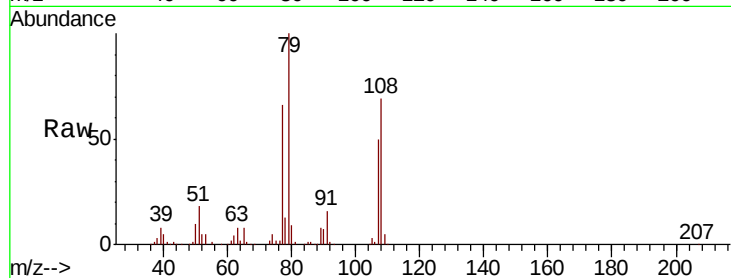
Tgt Ion: 79 Resp: 514398

Ion Ratio Lower Upper

79 100

108 69.2 53.7 80.5

77 65.7 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.802 ng

RT: 8.18 min Scan# 883

Delta R.T. -0.02 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

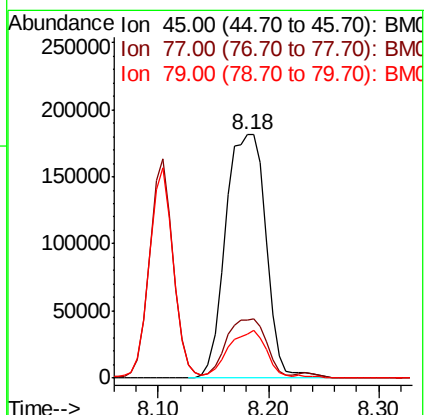
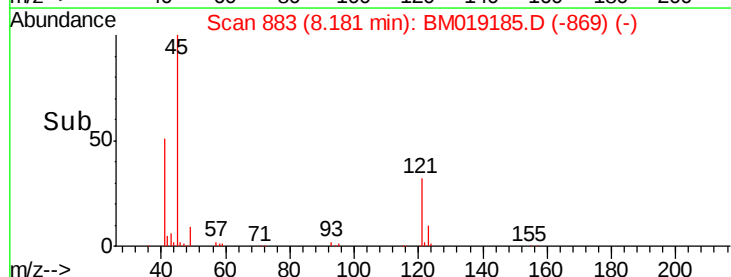
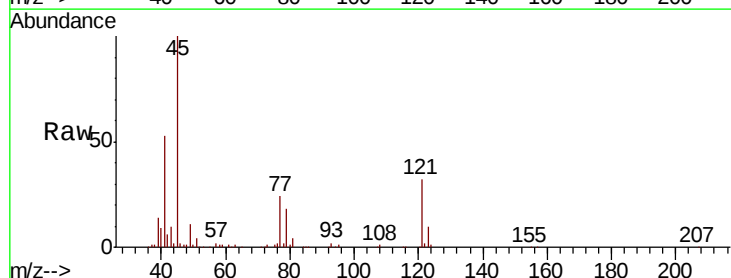
Tgt Ion: 45 Resp: 466063

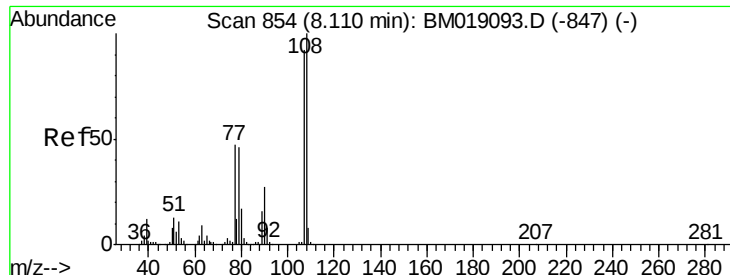
Ion Ratio Lower Upper

45 100

77 23.7 4.1 44.1

79 18.2 0.0 38.1

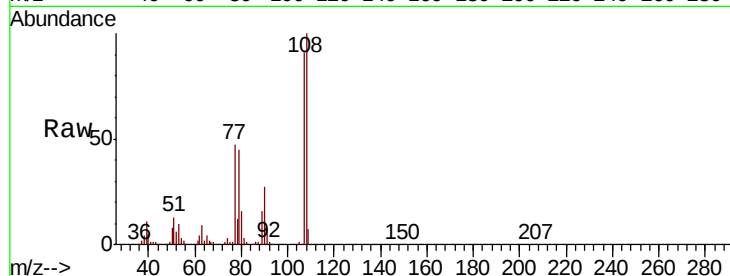




#17
2-Methylphenol
Concen: 38.917 ng
RT: 8.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tgt Ion:	107	Resp:	477002
Ion	Ratio	Lower	Upper
107	100		
108	109.6	87.4	131.2
77	51.7	41.6	62.4
79	49.8	40.6	60.8



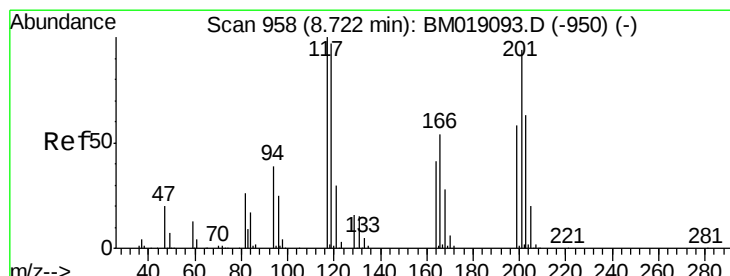
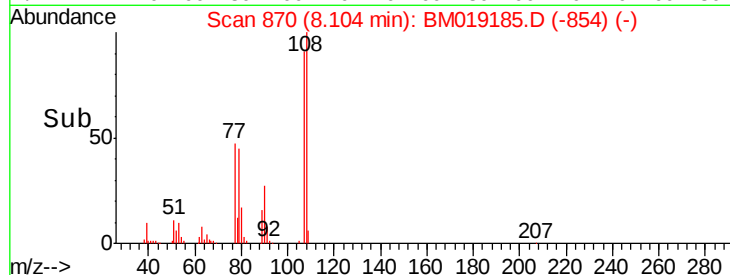
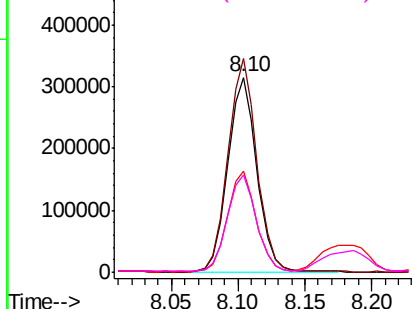
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

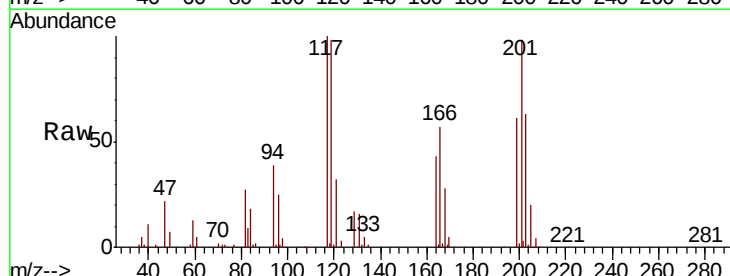
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 31.017 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion:	117	Resp:	178301
Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.4	116.2
201	98.2	75.2	112.8

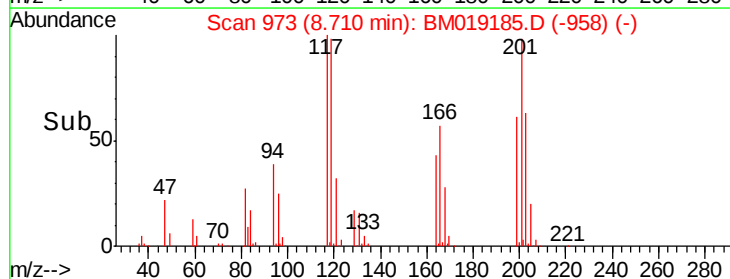
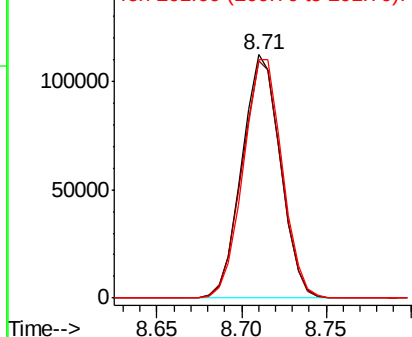


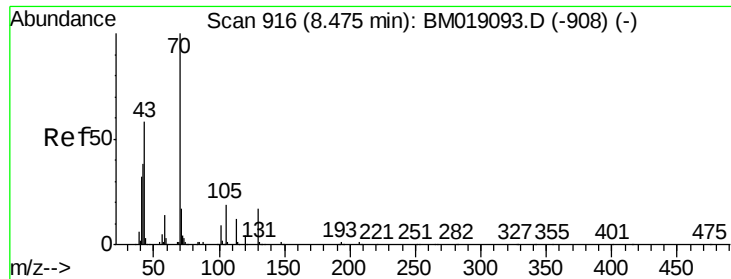
Abundance

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

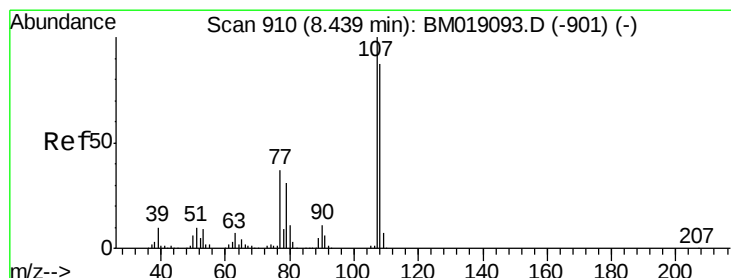
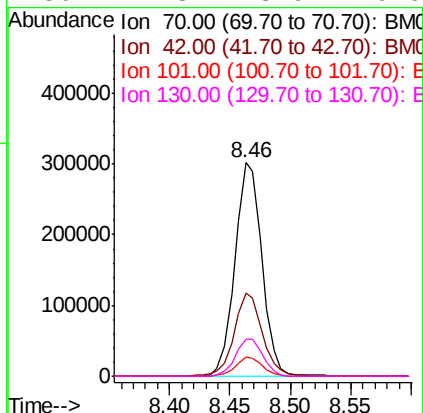
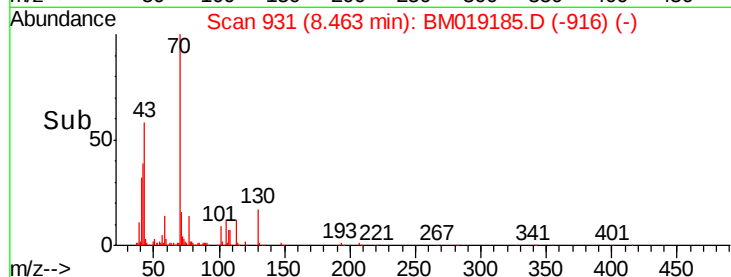
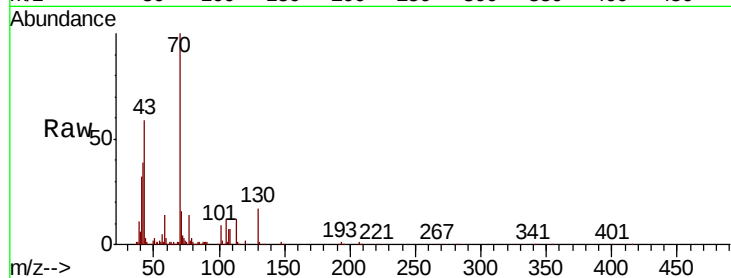




#19
n-Nitroso-di-n-propylamine
Concen: 32.903 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

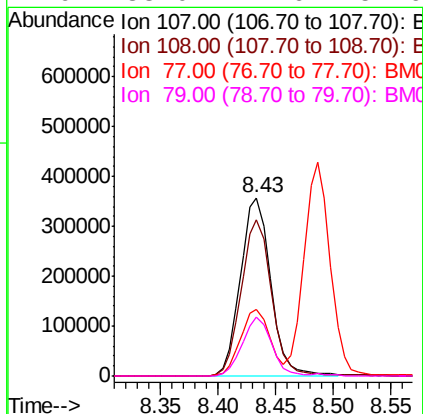
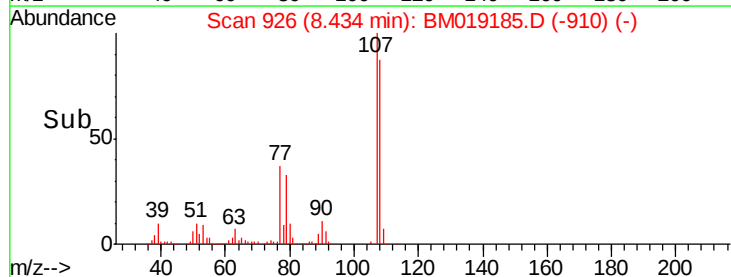
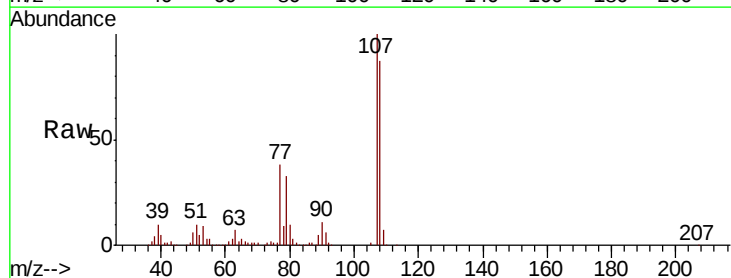
Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

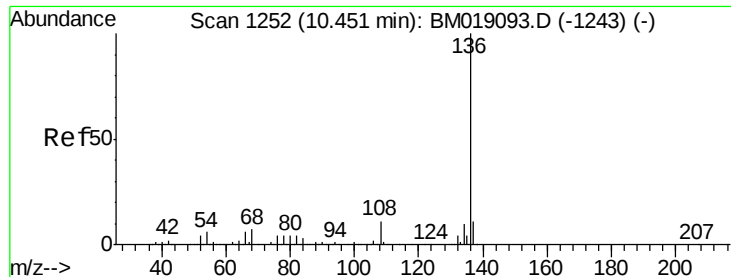
Tgt Ion:	70	Resp:	471122
Ion	Ratio	Lower	Upper
70	100		
42	38.7	30.6	45.8
101	8.7	6.8	10.2
130	17.3	13.9	20.9



#20
3+4-Methylphenols
Concen: 39.457 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion:	107	Resp:	656470
Ion	Ratio	Lower	Upper
107	100		
108	87.4	67.0	107.0
77	37.6	17.3	57.3
79	33.0	11.6	51.6

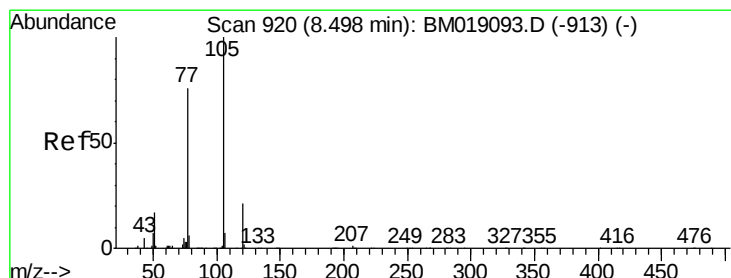
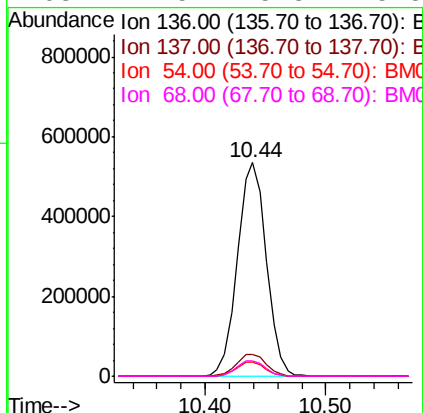
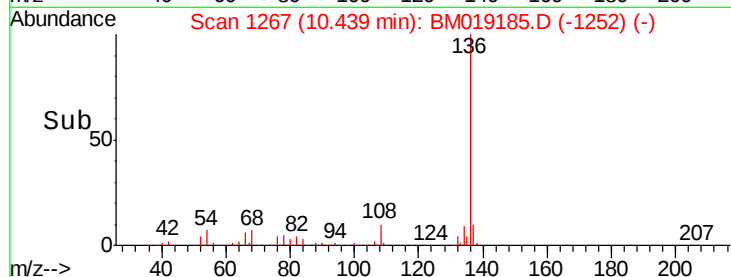
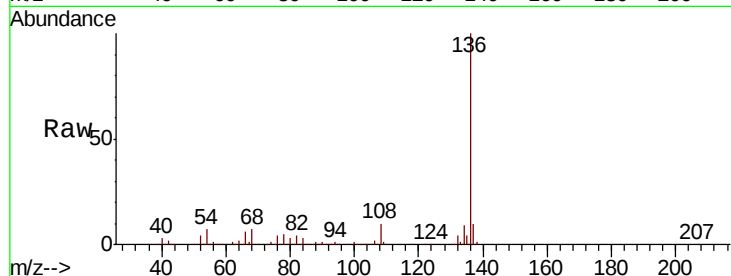




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

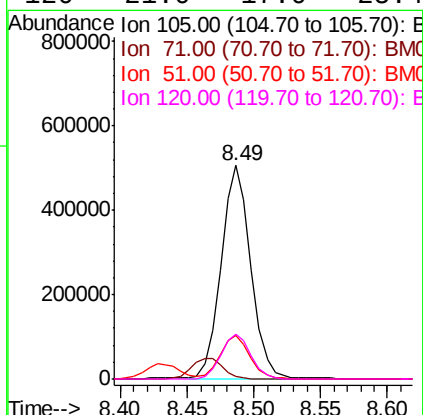
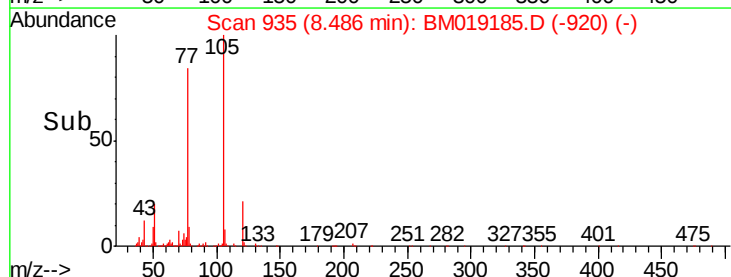
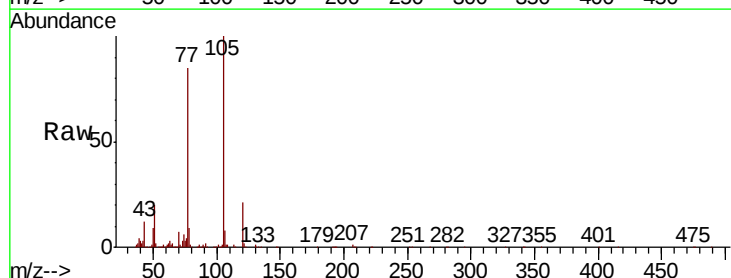
Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

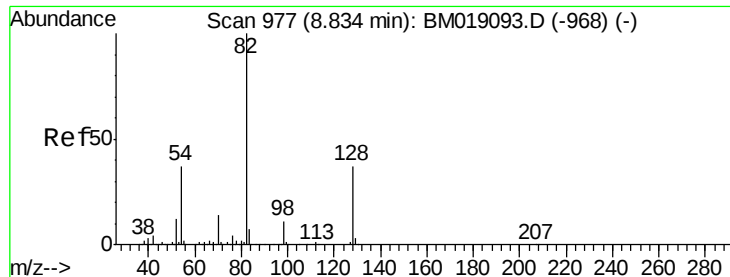
Tgt Ion:	136	Resp:	894345
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	6.9	5.2	7.8
68	7.5	5.8	8.8



#22
Acetophenone
Concen: 31.581 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion:	105	Resp:	780551
Ion	Ratio	Lower	Upper
105	100		
71	1.2	0.8	1.2
51	20.2	15.8	23.6
120	21.0	17.0	25.4

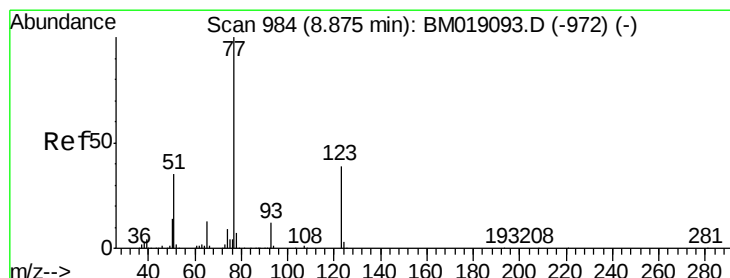
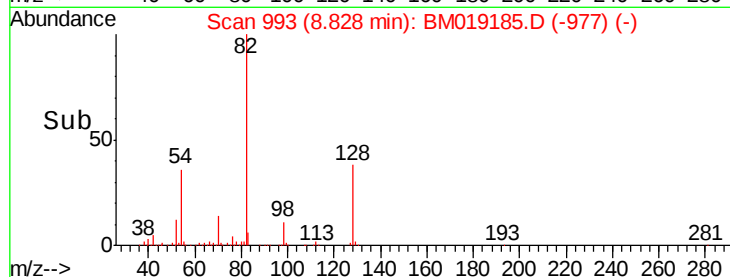
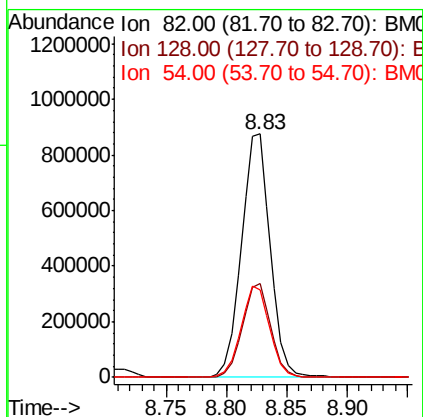
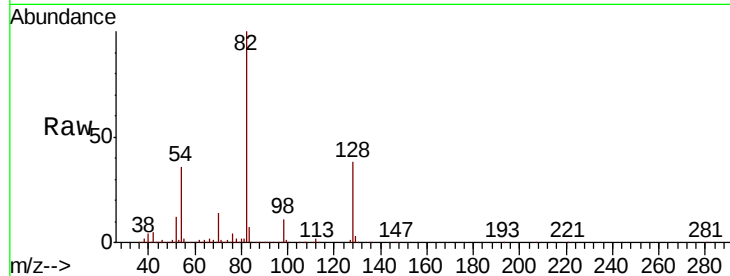




#23
Nitrobenzene-d5
Concen: 76.957 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

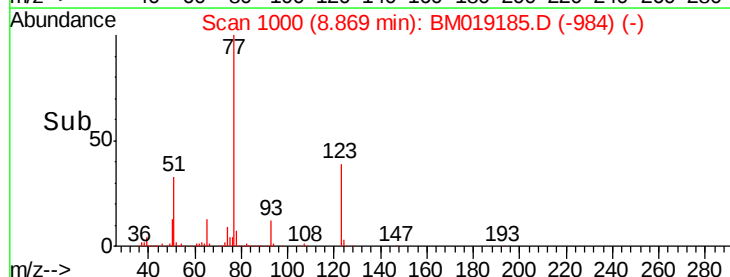
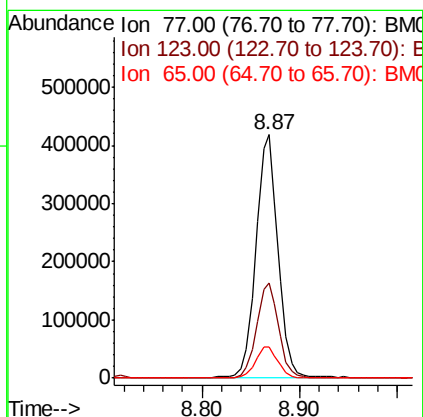
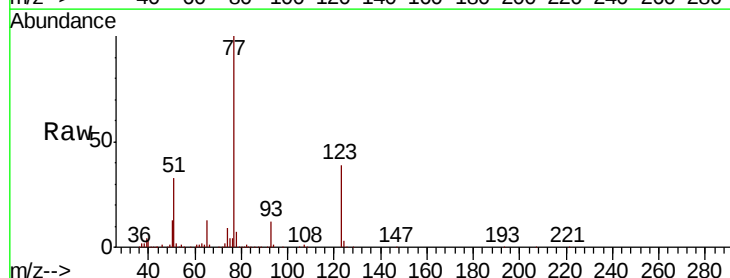
Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

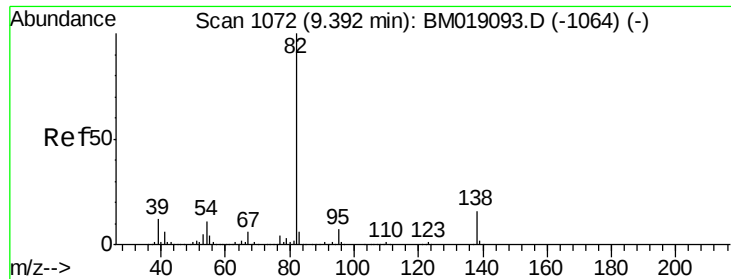
Tgt Ion: 82 Resp: 1456010
Ion Ratio Lower Upper
82 100
128 38.3 29.4 44.2
54 36.2 29.9 44.9



#24
Nitrobenzene
Concen: 33.818 ng
RT: 8.87 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion: 77 Resp: 665441
Ion Ratio Lower Upper
77 100
123 39.3 31.3 46.9
65 12.7 10.5 15.7





#25

Isophorone

Concen: 33.889 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

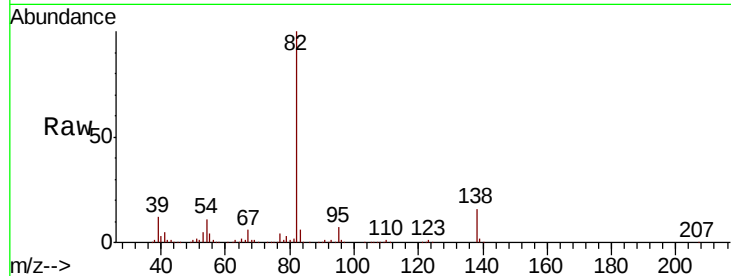
Tgt Ion: 82 Resp: 1223452

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

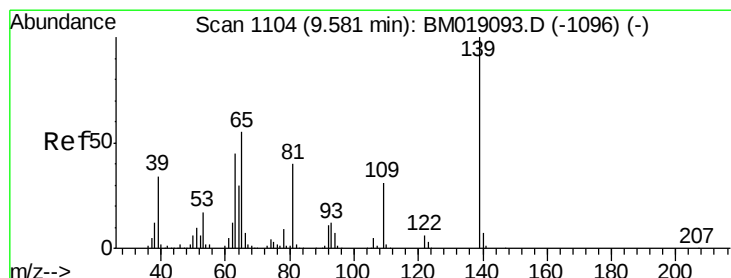
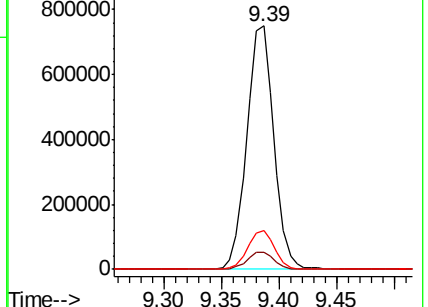
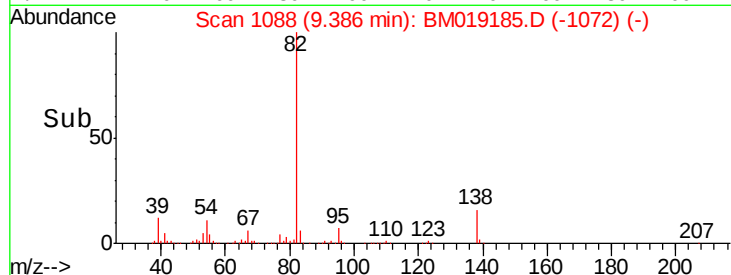
138 15.9 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM019093.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM019093.D (-1064) (-)



#26

2-Nitrophenol

Concen: 35.315 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

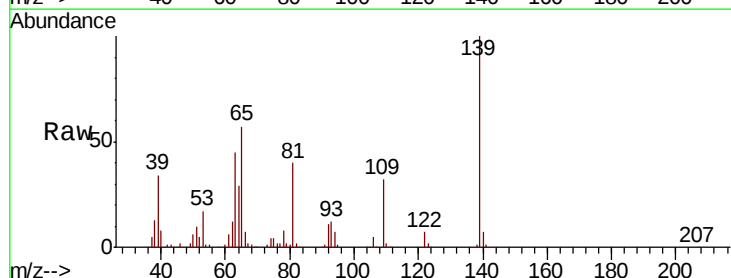
Tgt Ion: 139 Resp: 288041

Ion Ratio Lower Upper

139 100

109 31.7 24.5 36.7

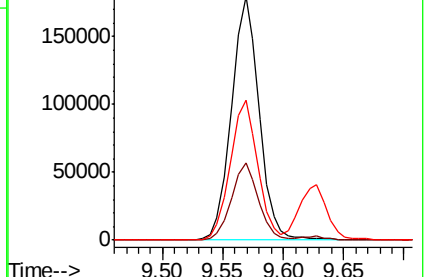
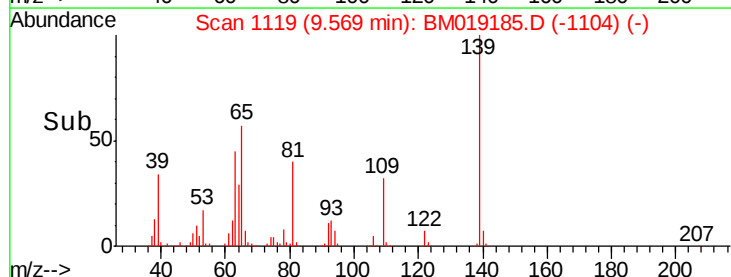
65 57.3 44.4 66.6

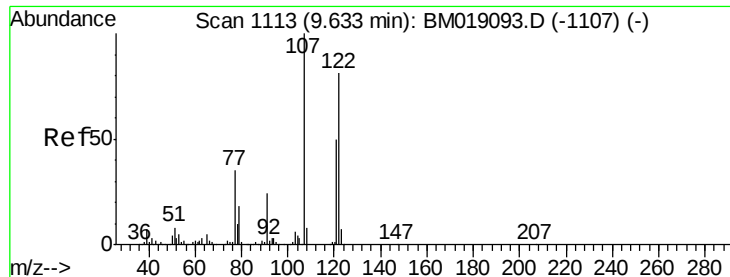


Abundance Ion 139.00 (138.70 to 139.70): BM019093.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BM019093.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-1096) (-)





#27

2,4-Dimethylphenol

Concen: 43.577 ng

RT: 9.63 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

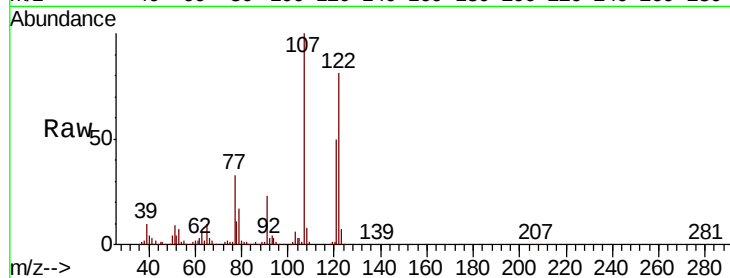
Tgt Ion: 122 Resp: 528388

Ion Ratio Lower Upper

122 100

107 122.8 98.2 147.4

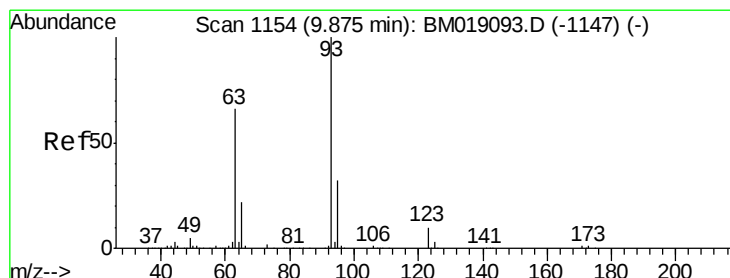
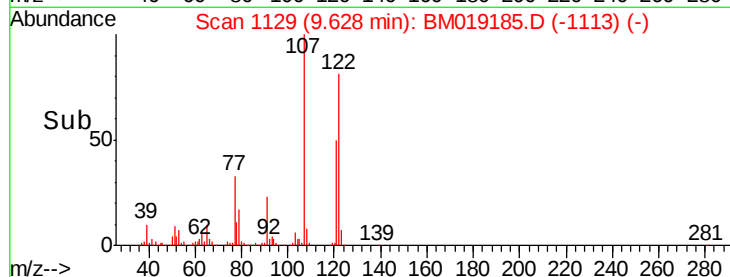
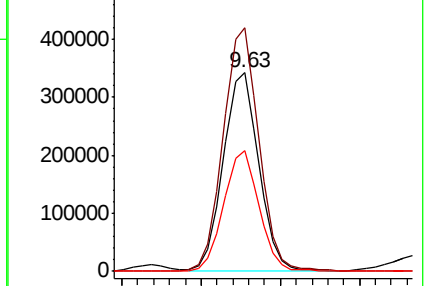
121 60.9 48.8 73.2



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: 33.715 ng

RT: 9.87 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

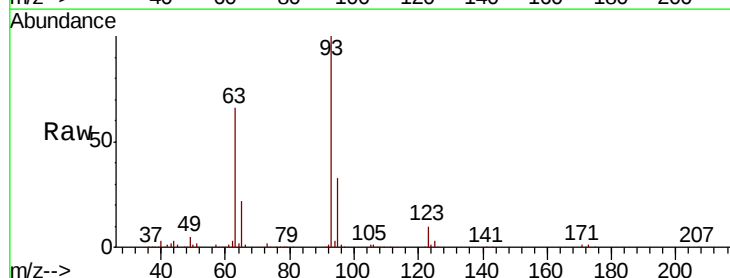
Tgt Ion: 93 Resp: 720728

Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.8

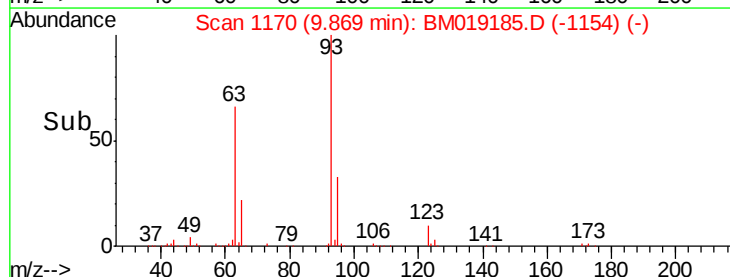
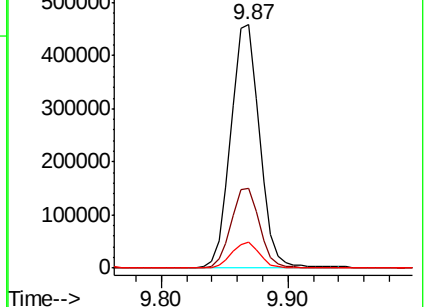
123 10.5 7.9 11.9

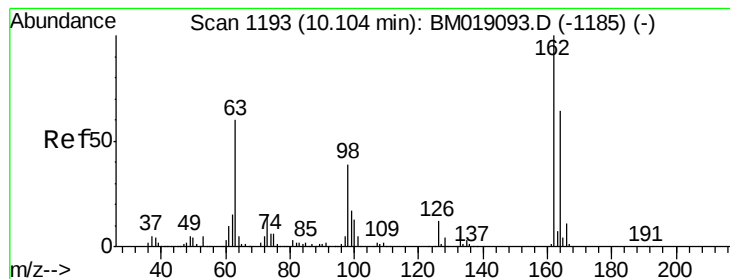


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.393 ng

RT: 10.09 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

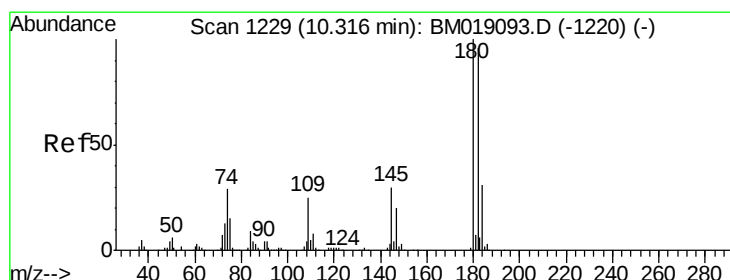
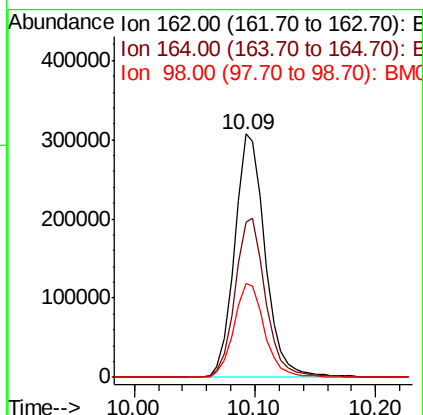
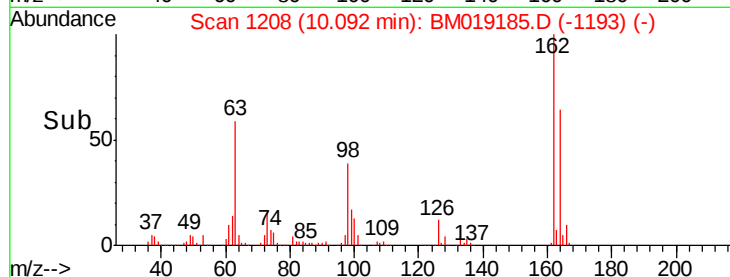
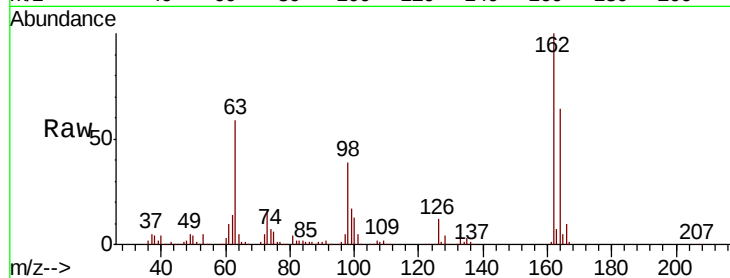
Tgt Ion:162 Resp: 542449

Ion Ratio Lower Upper

162 100

164 63.8 43.5 83.5

98 38.7 19.1 59.1



#30

1,2,4-Trichlorobenzene

Concen: 34.070 ng

RT: 10.30 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

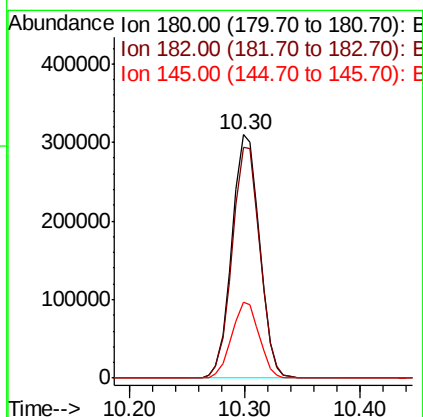
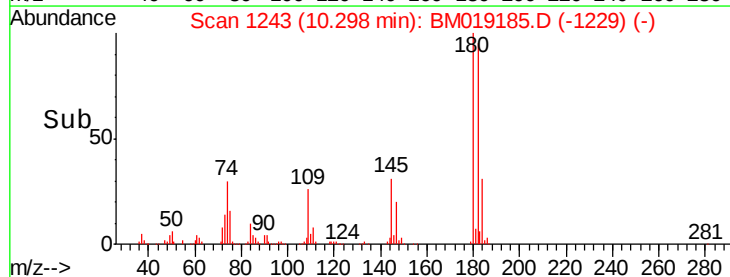
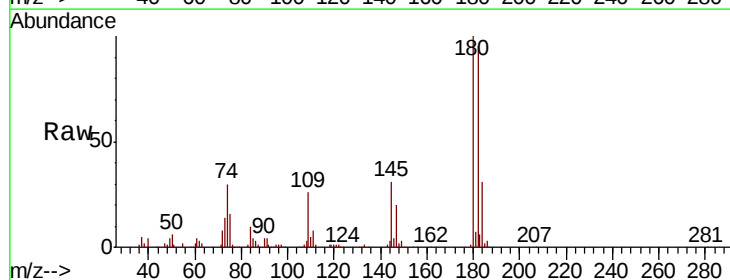
Tgt Ion:180 Resp: 515917

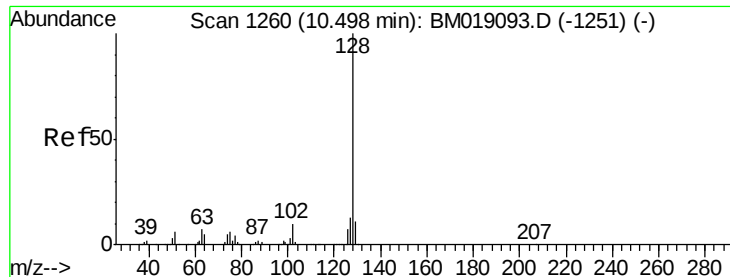
Ion Ratio Lower Upper

180 100

182 94.8 76.6 114.8

145 31.4 24.3 36.5

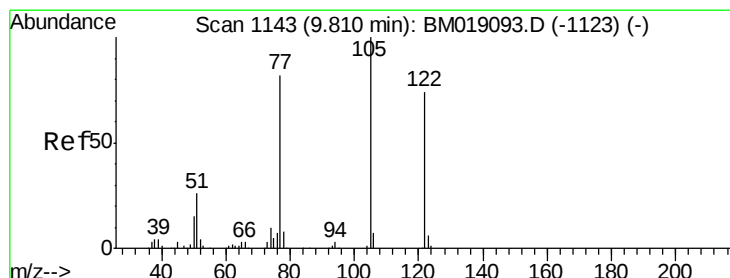
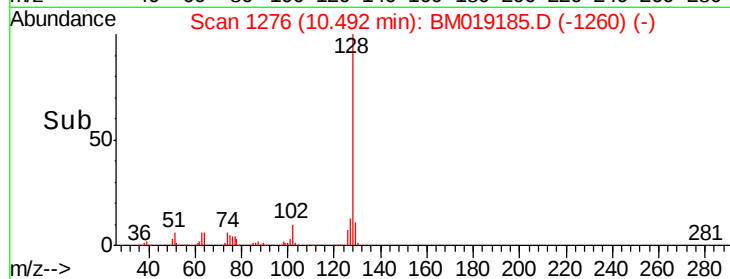
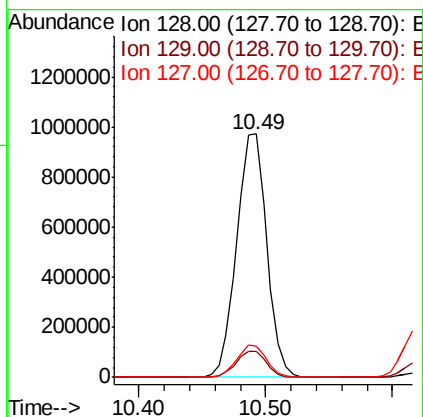
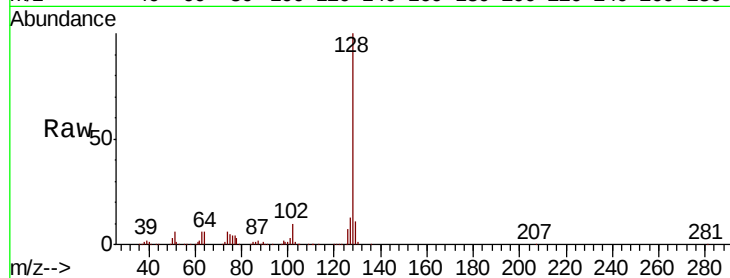




#31
Naphthalene
Concen: 33.953 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

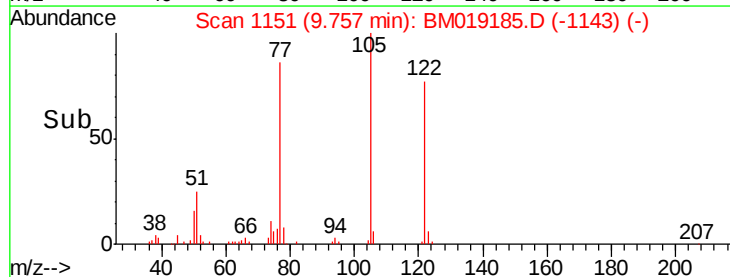
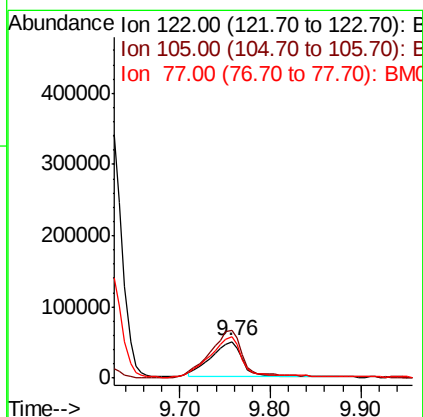
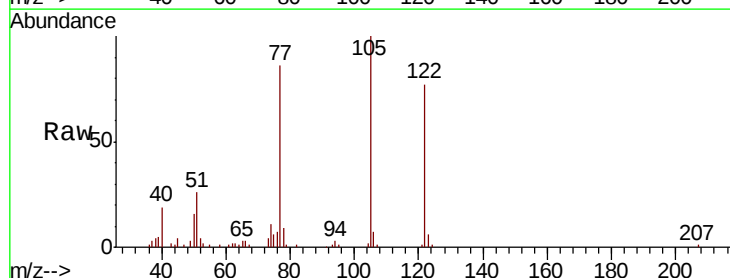
Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

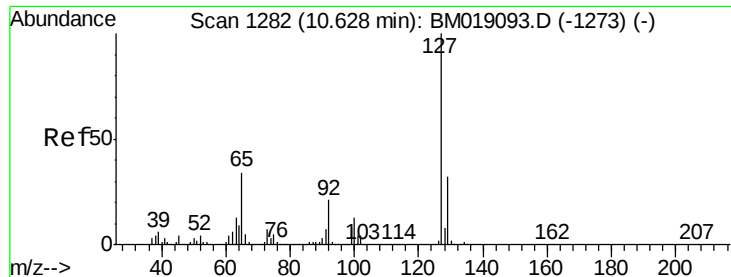
Tgt Ion:128 Resp: 1600484
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 11.519 ng
RT: 9.76 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion:122 Resp: 118292
Ion Ratio Lower Upper
122 100
105 130.1 113.0 153.0
77 112.4 90.1 130.1

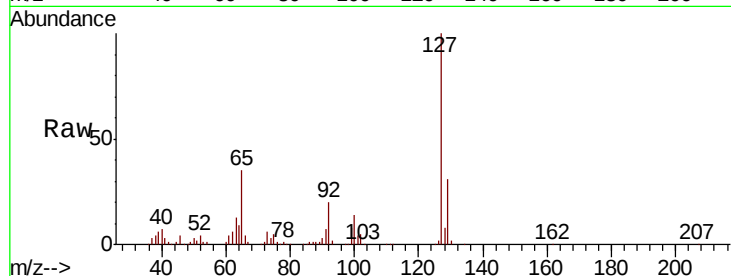




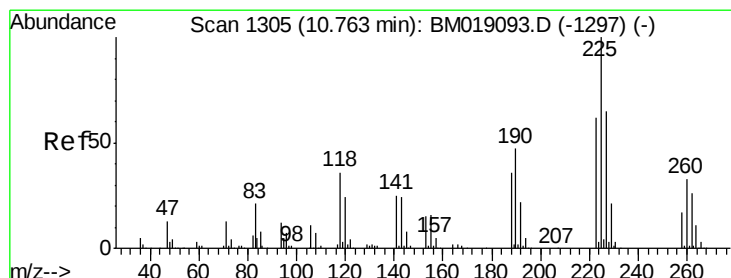
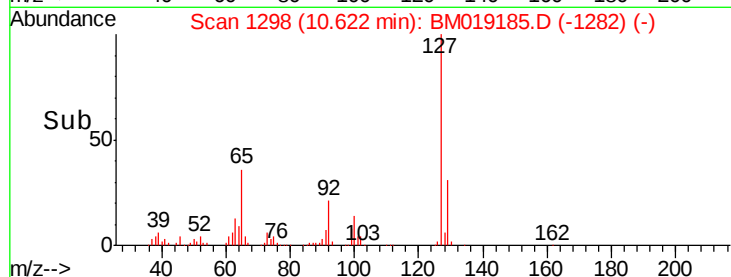
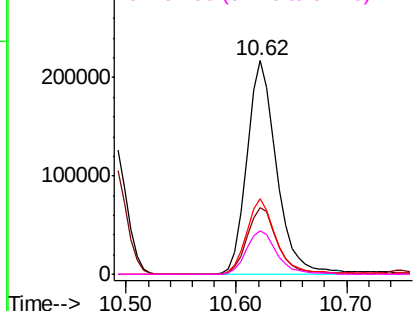
#33
4-Chloroaniline
Concen: 21.231 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tgt Ion:	127	Resp:	410248
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.3	37.9
65	35.5	27.4	41.2
92	20.5	16.8	25.2

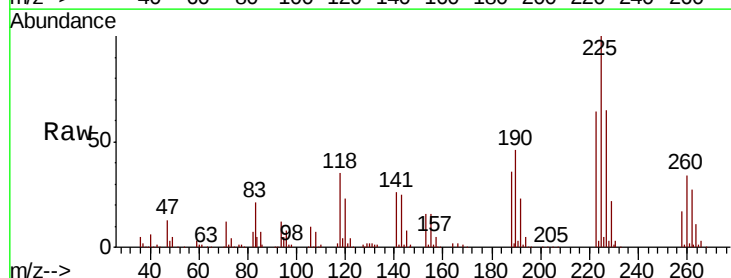


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

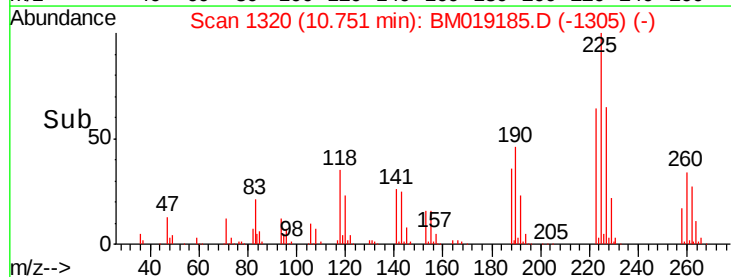
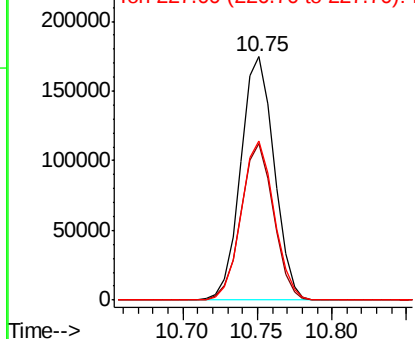


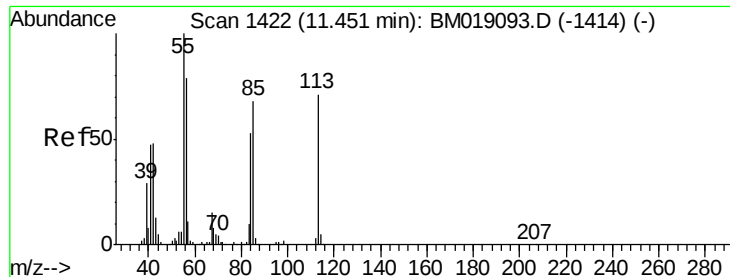
#34
Hexachlorobutadiene
Concen: 31.201 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion:	225	Resp:	271131
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.4	74.0
227	65.3	51.6	77.4



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





#35

Caprolactam

Concen: 30.728 ng

RT: 11.45 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

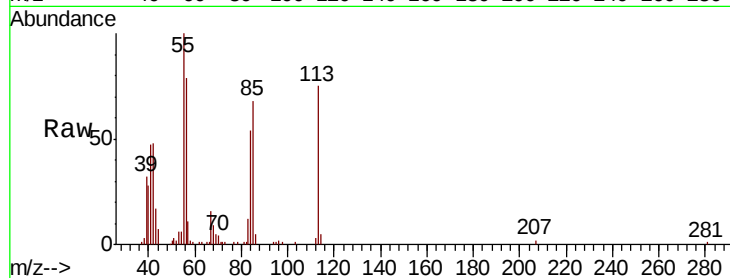
Tgt Ion:113 Resp: 146999

Ion Ratio Lower Upper

113 100

55 134.2 120.1 160.1

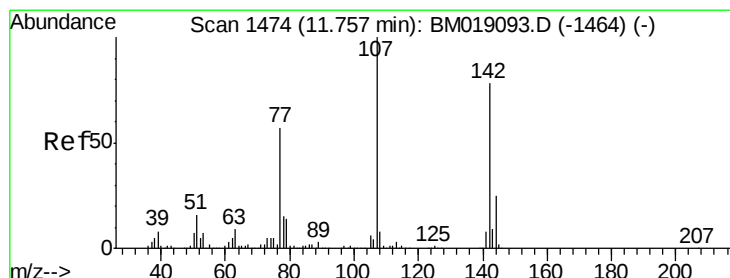
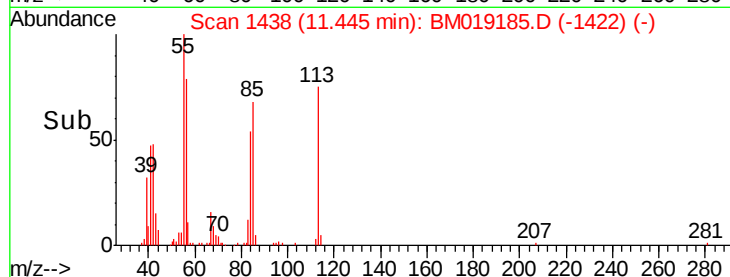
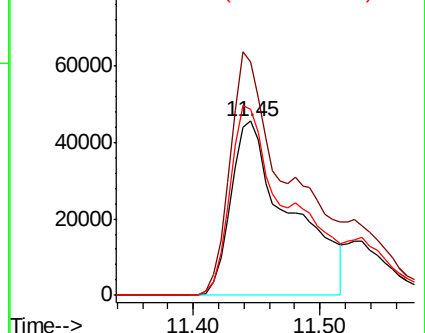
56 106.6 90.1 130.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 39.011 ng

RT: 11.75 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

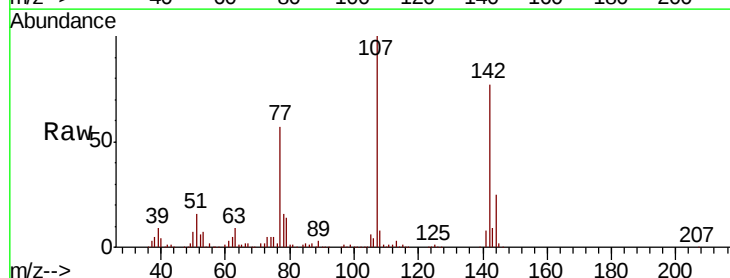
Tgt Ion:107 Resp: 646418

Ion Ratio Lower Upper

107 100

144 25.1 20.2 30.4

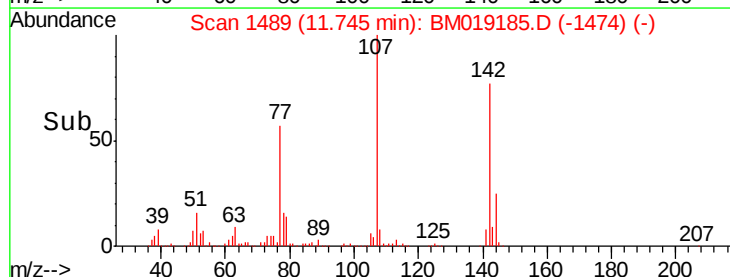
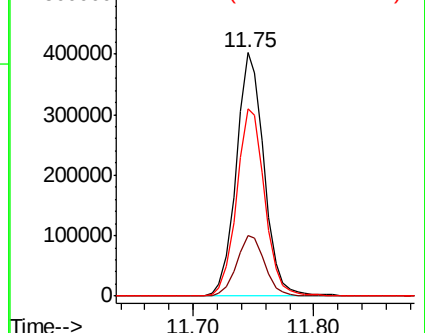
142 77.0 62.4 93.6

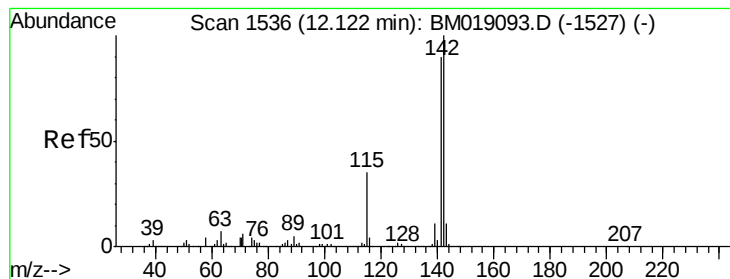


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.971 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

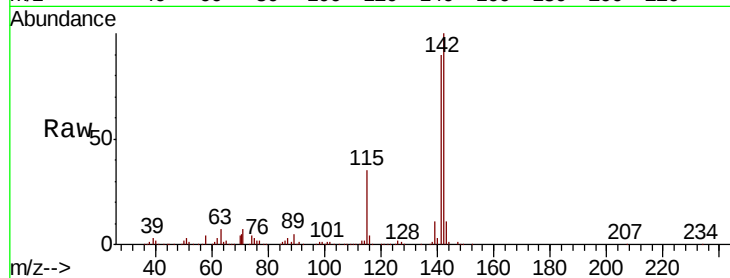
Tgt Ion:142 Resp: 1232163

Ion Ratio Lower Upper

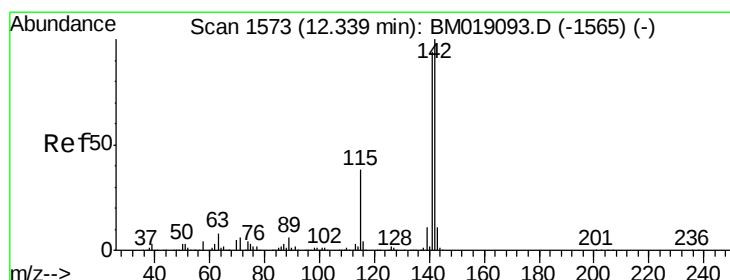
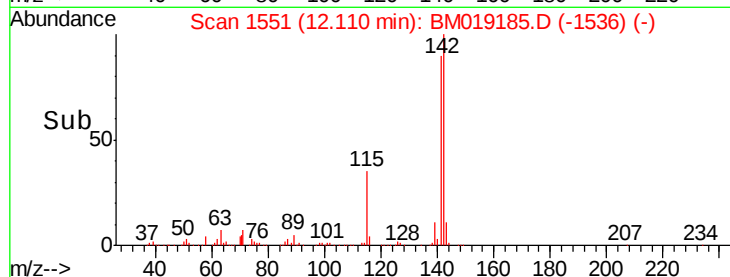
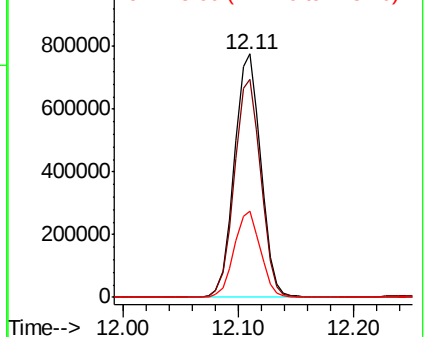
142 100

141 89.7 72.3 108.5

115 35.2 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 34.971 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

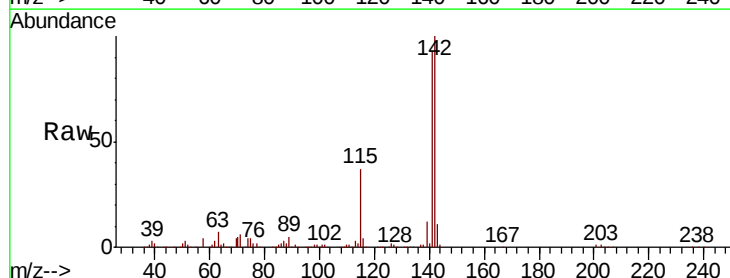
Tgt Ion:142 Resp: 1180729

Ion Ratio Lower Upper

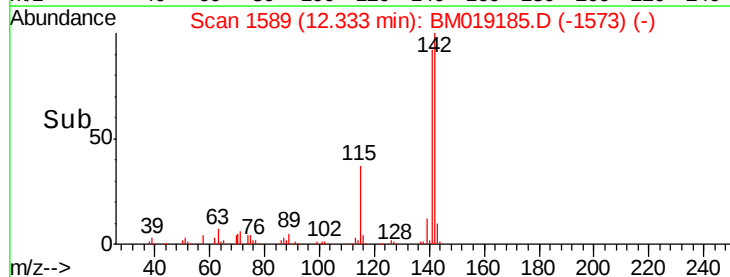
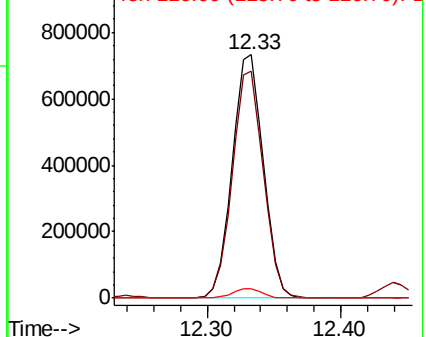
142 100

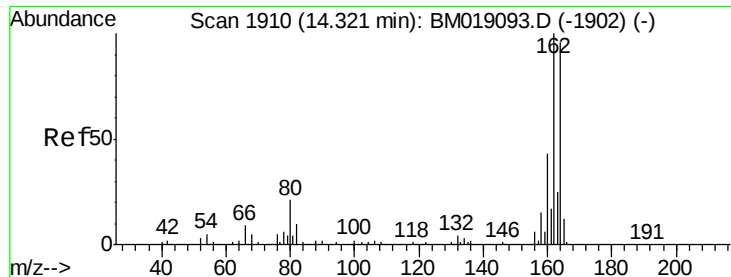
141 93.1 74.9 112.3

116 3.8 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

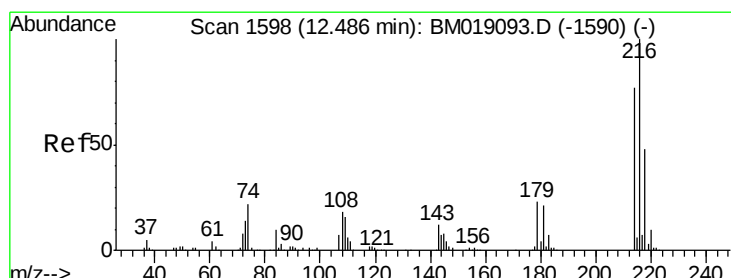
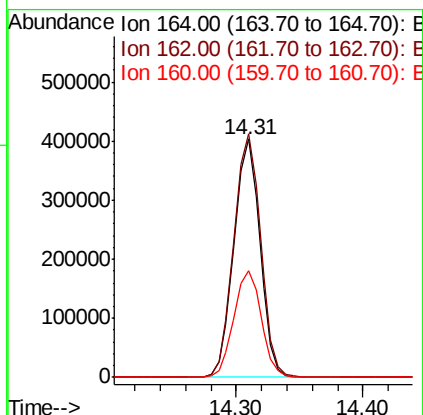
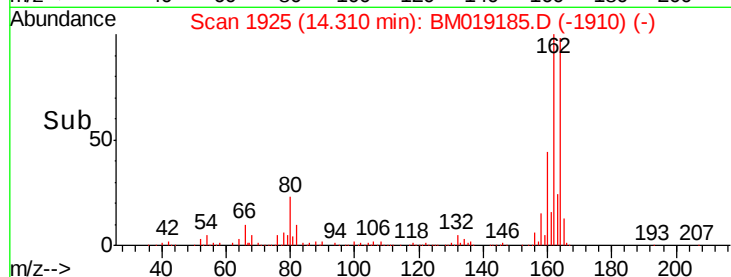
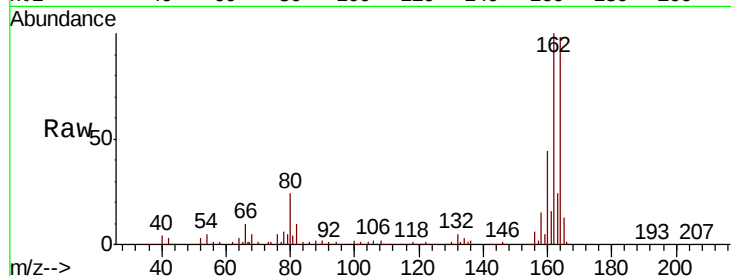
Tgt Ion:164 Resp: 570801

Ion Ratio Lower Upper

164 100

162 102.1 83.5 125.3

160 44.8 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 32.899 ng

RT: 12.47 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Tgt Ion:216 Resp: 594022

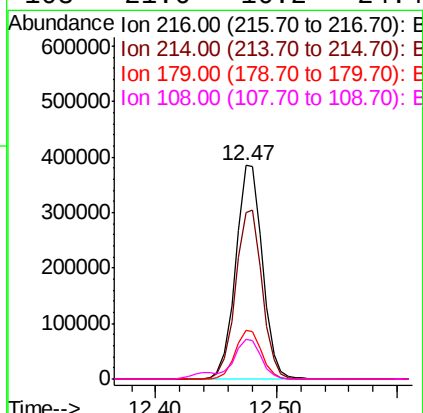
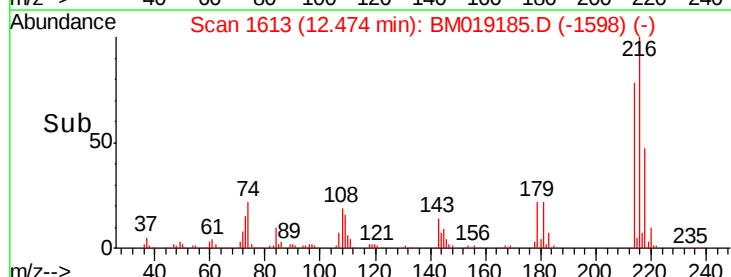
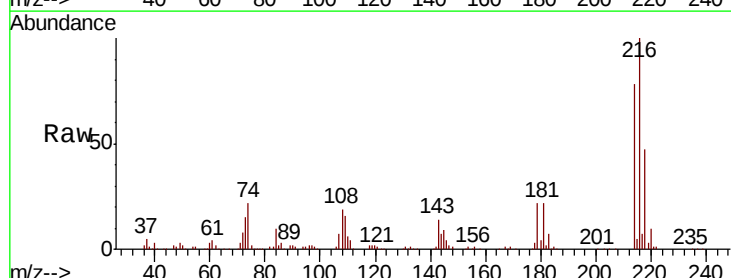
Ion Ratio Lower Upper

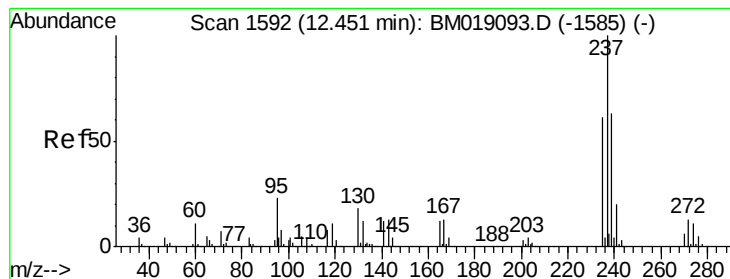
216 100

214 78.6 62.9 94.3

179 22.3 18.0 27.0

108 21.6 16.2 24.4





#41

Hexachlorocyclopentadiene

Concen: 64.306 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

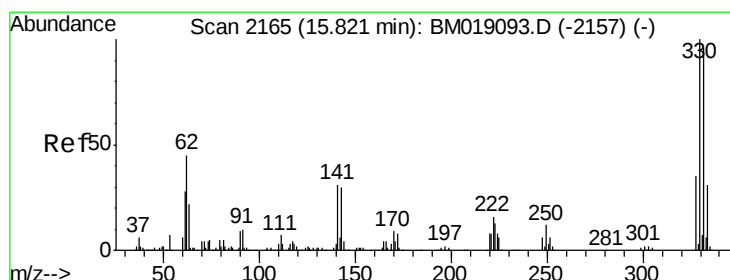
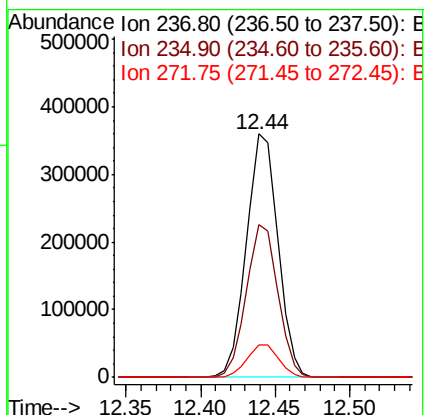
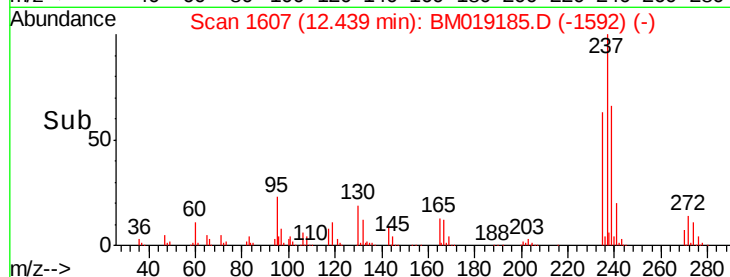
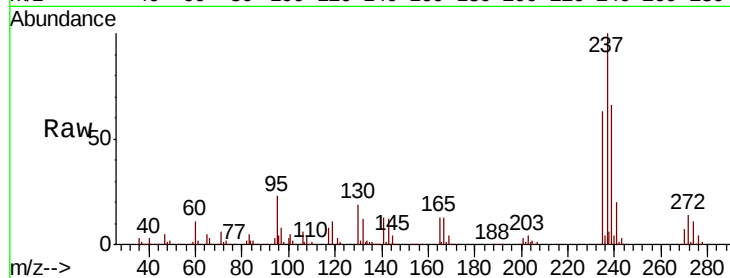
Tgt Ion:237 Resp: 525938

Ion Ratio Lower Upper

237 100

235 62.6 41.3 81.3

272 13.6 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 128.338 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

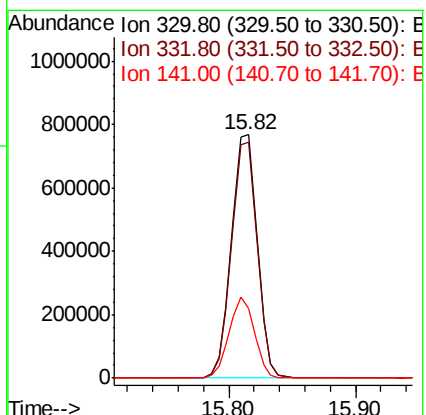
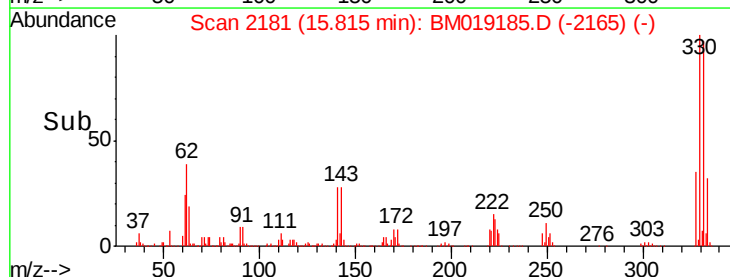
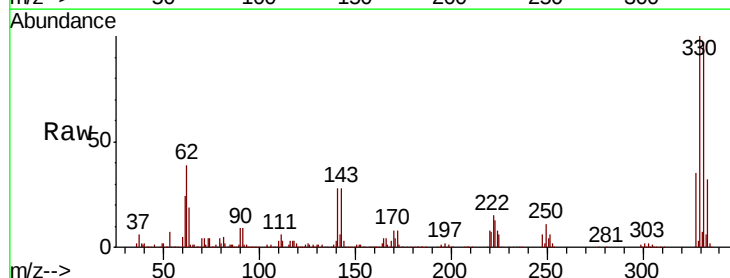
Tgt Ion:330 Resp: 1081593

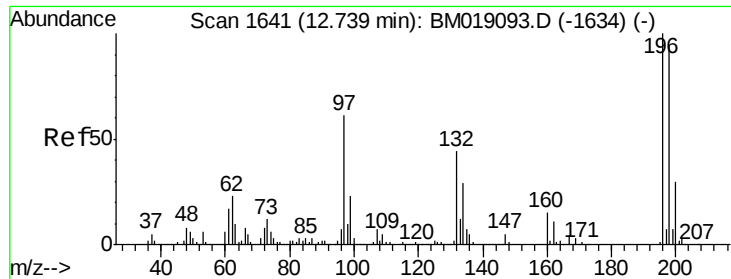
Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

141 32.4 27.0 40.4

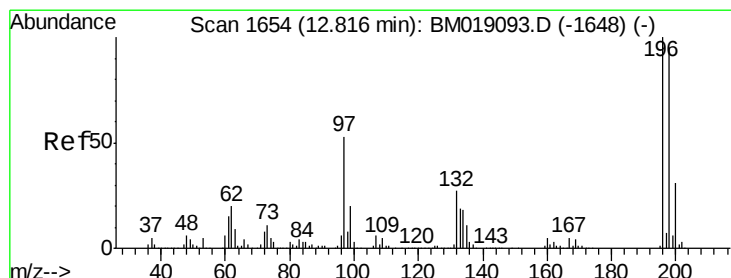
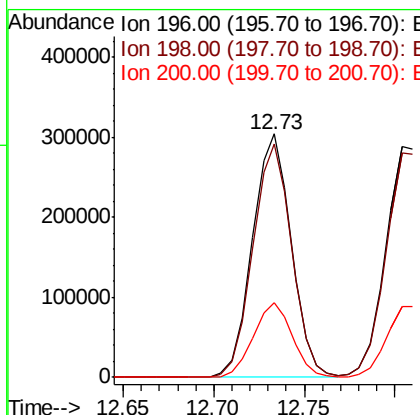
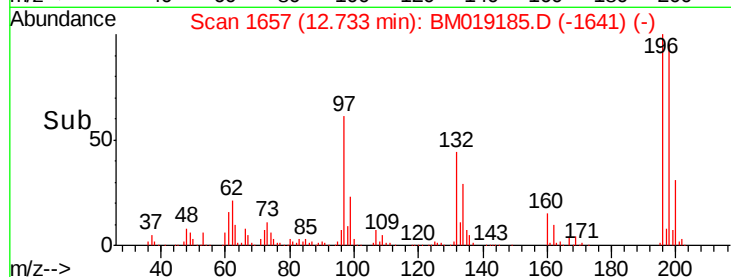
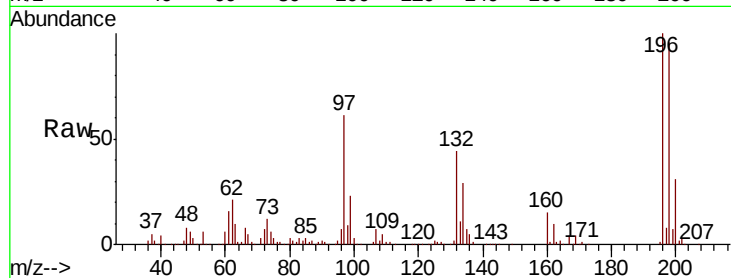




#43
 2,4,6-Trichlorophenol
 Concen: 38.775 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

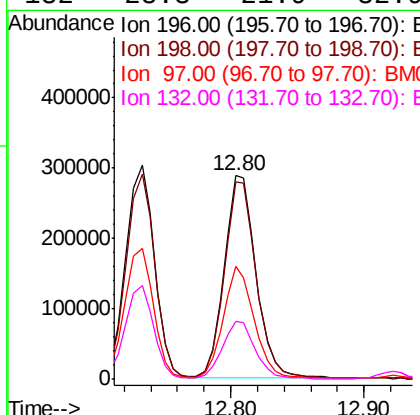
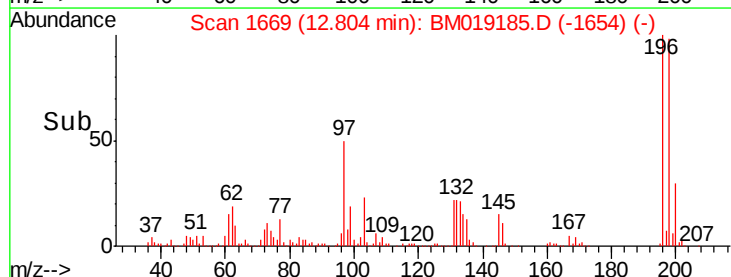
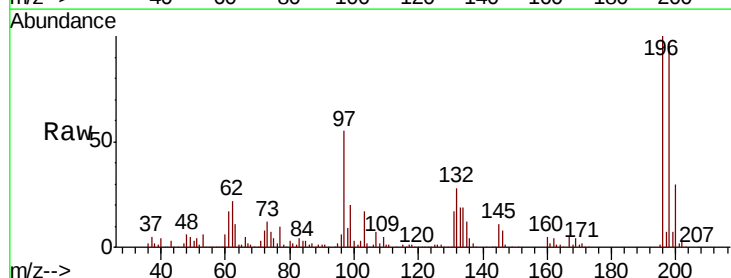
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052MS

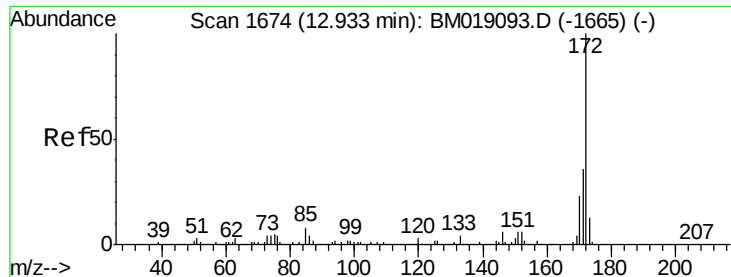
Tgt Ion:196 Resp: 452443
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.4 113.0
 200 30.8 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 38.407 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Tgt Ion:196 Resp: 479217
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.9 113.9
 97 55.3 42.5 63.7
 132 28.3 21.9 32.9

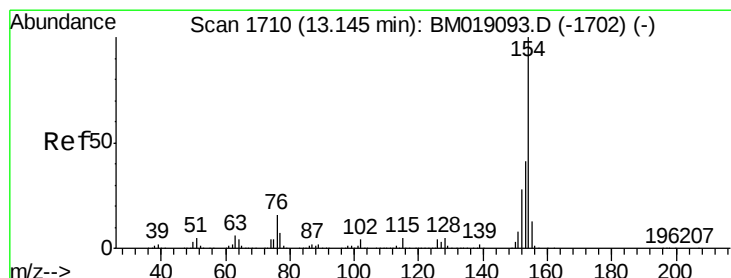
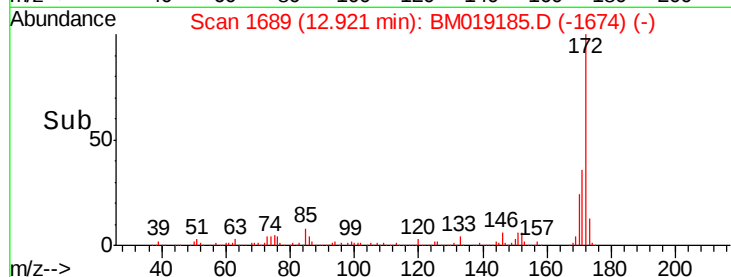
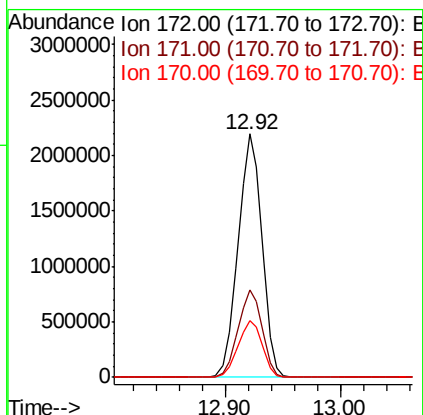
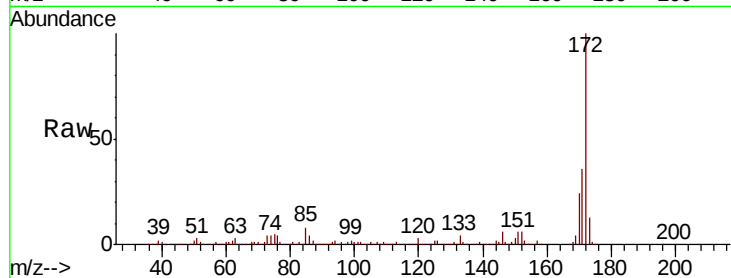




#45
2-Fluorobiphenyl
Concen: 71.496 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

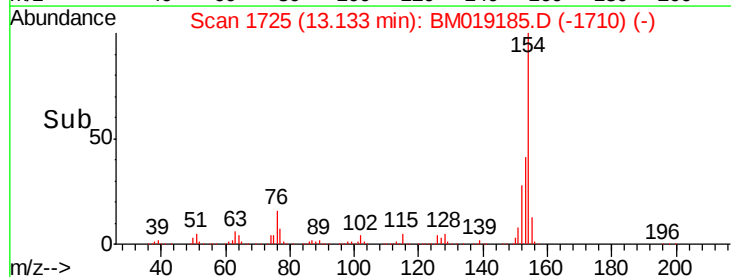
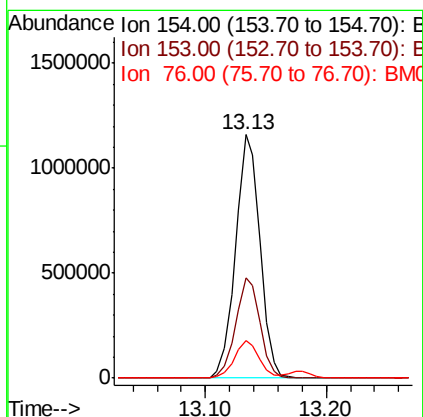
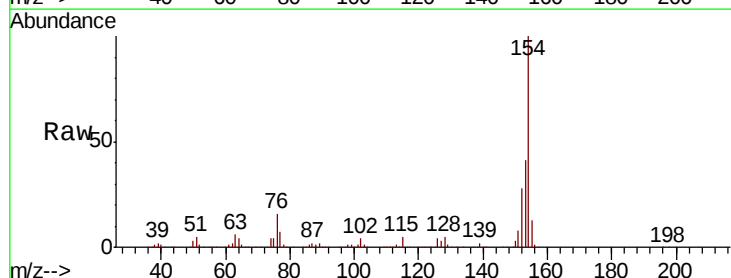
Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

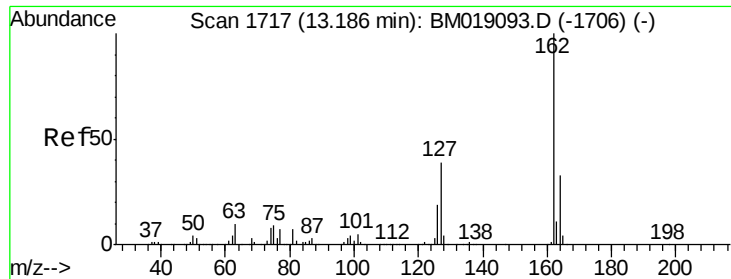
Tgt Ion:172 Resp: 3137394
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 32.810 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion:154 Resp: 1635547
Ion Ratio Lower Upper
154 100
153 41.2 21.5 61.5
76 15.7 0.0 35.8

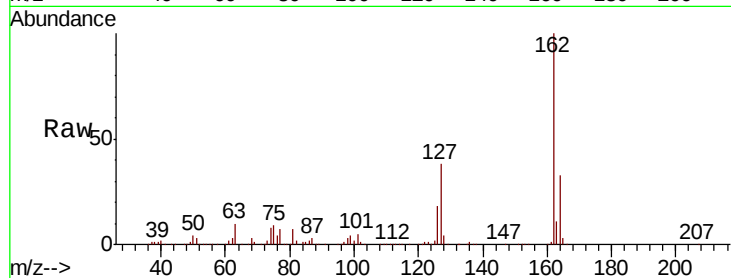




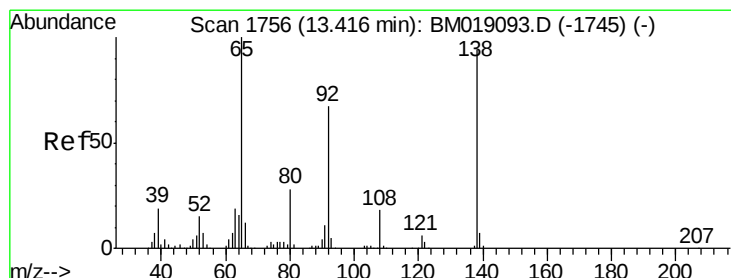
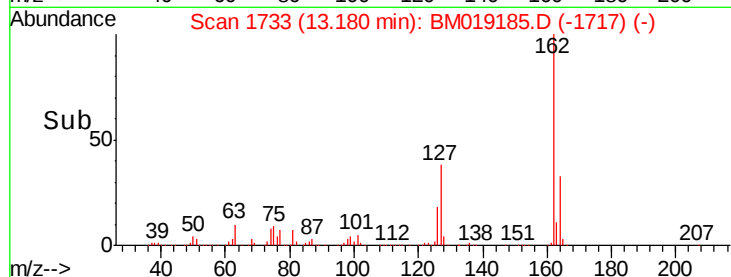
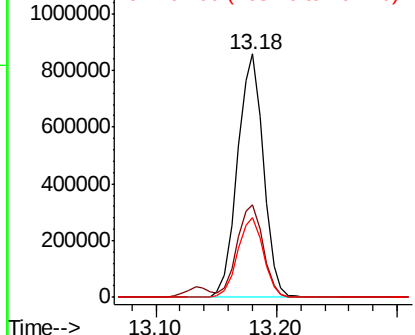
#47
2-Chloronaphthalene
Concen: 34.511 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tgt Ion: 162 Resp: 1284113
Ion Ratio Lower Upper
162 100
127 38.0 31.2 46.8
164 32.5 26.3 39.5

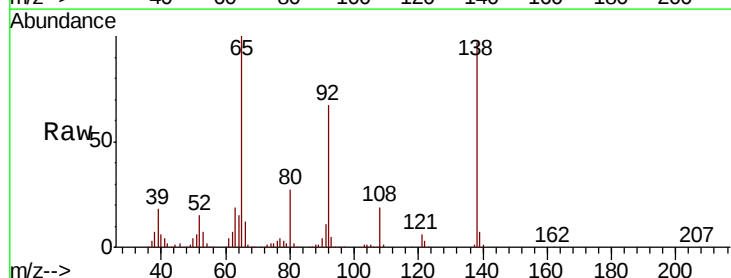


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

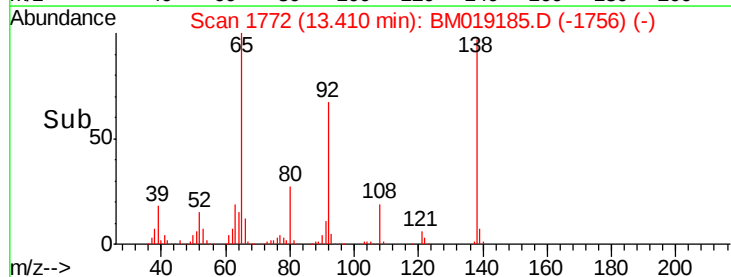
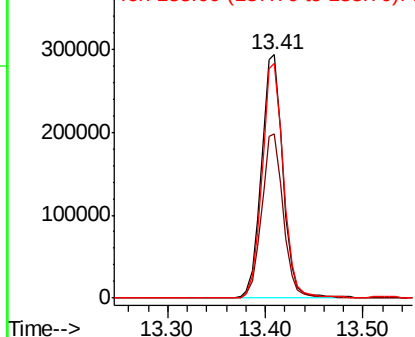


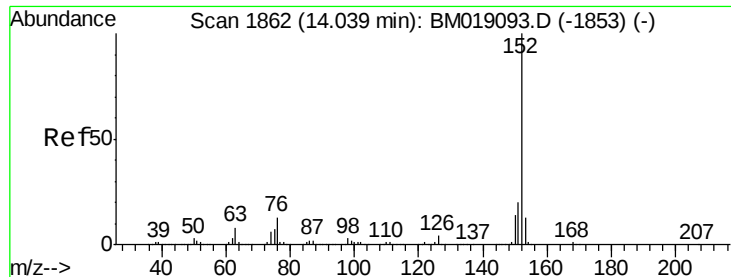
#48
2-Nitroaniline
Concen: 36.678 ng
RT: 13.41 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion: 65 Resp: 457698
Ion Ratio Lower Upper
65 100
92 67.5 53.4 80.2
138 96.6 74.9 112.3



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: 33.665 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

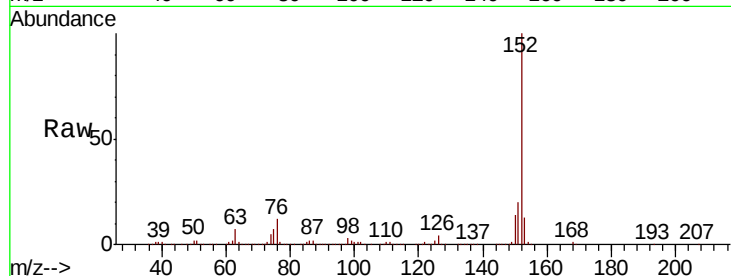
Tgt Ion:152 Resp: 2118004

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

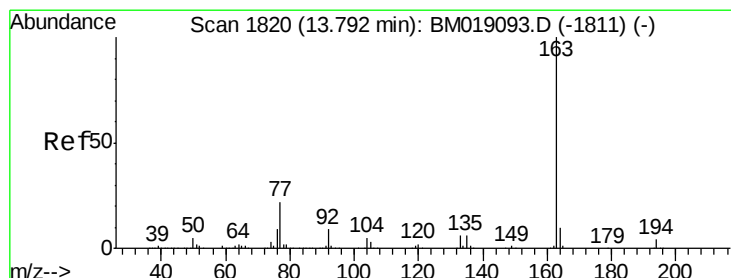
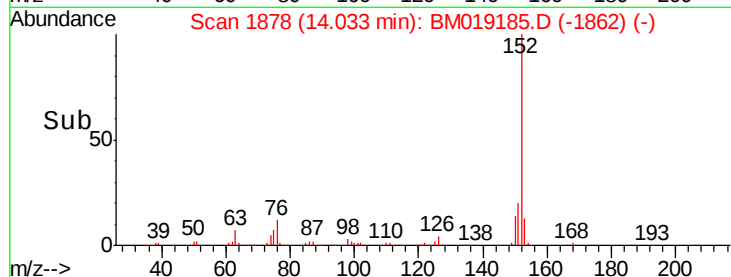
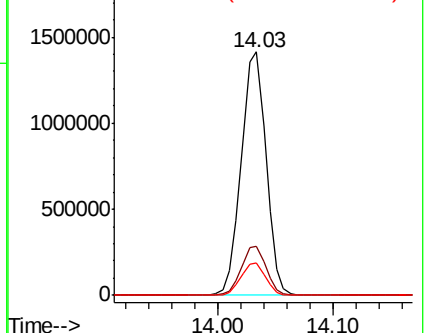
153 13.2 10.6 15.8



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: 38.807 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

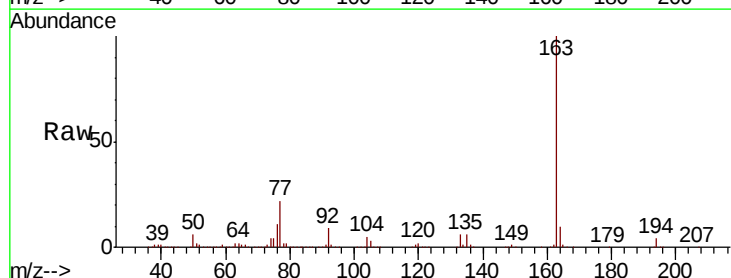
Tgt Ion:163 Resp: 1894910

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

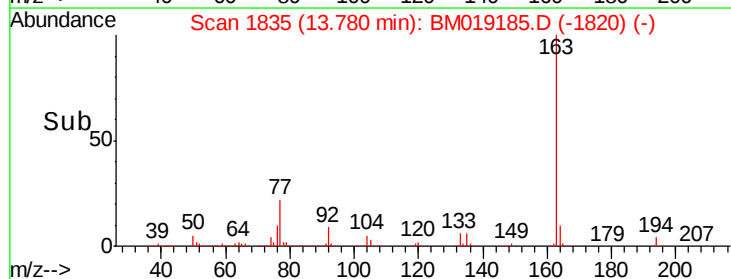
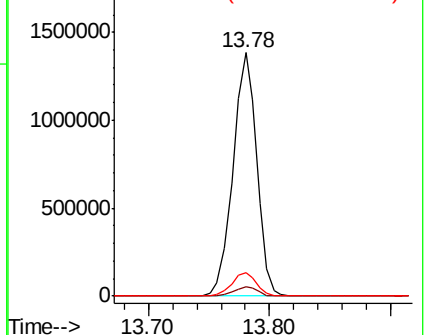
164 9.8 7.7 11.5

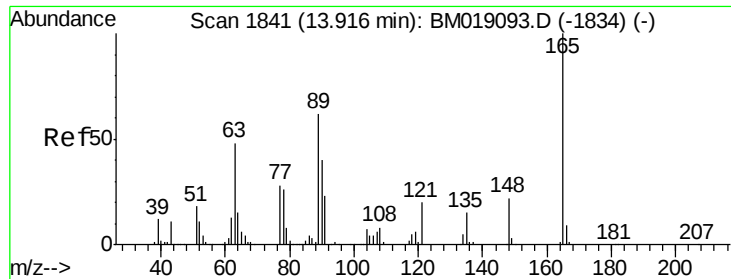


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

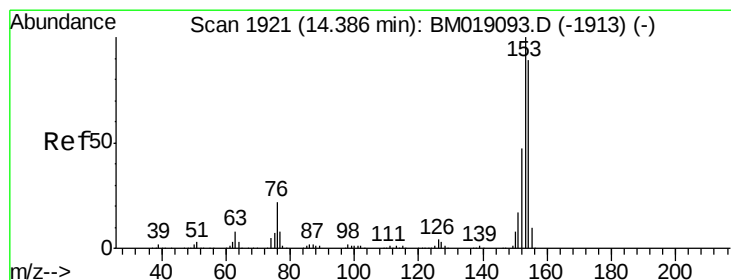
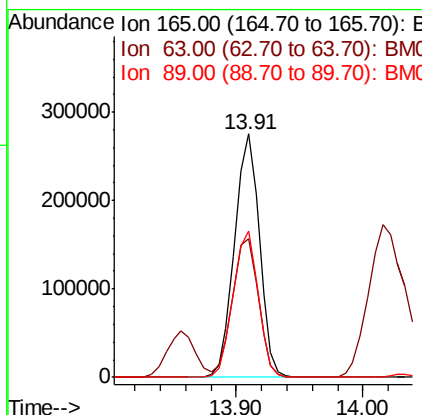
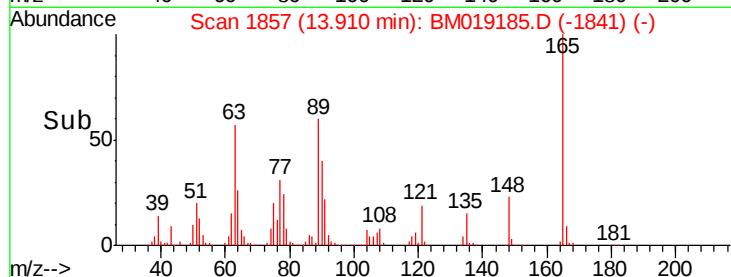
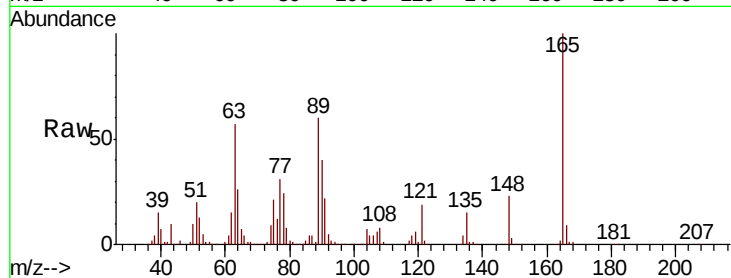




#51
 2,6-Dinitrotoluene
 Concen: 35.411 ng
 RT: 13.91 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

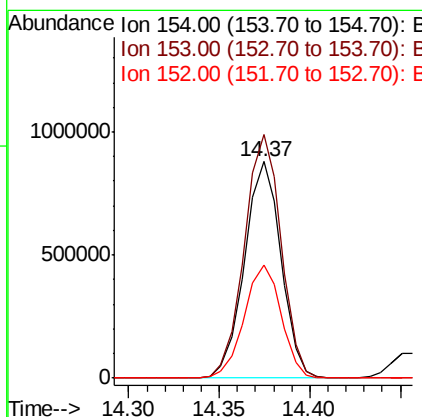
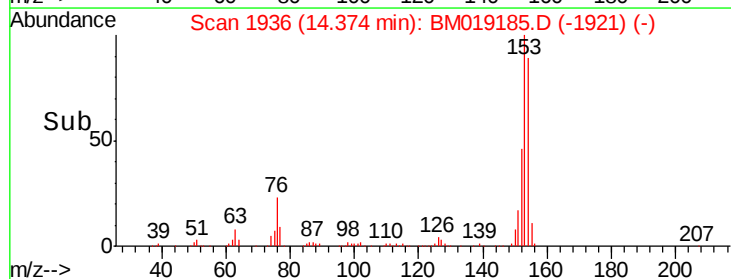
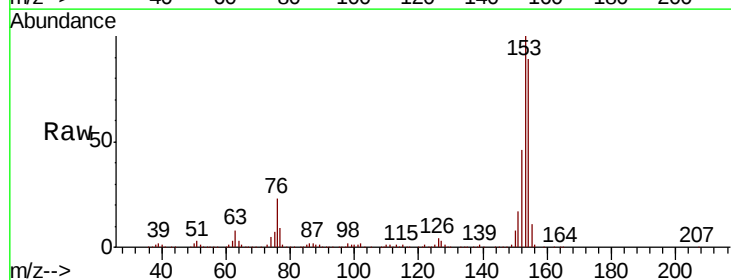
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052MS

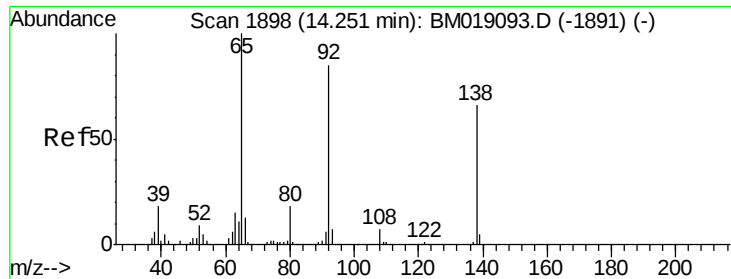
Tgt Ion:165 Resp: 373777
 Ion Ratio Lower Upper
 165 100
 63 57.1 48.2 72.4
 89 59.9 49.3 73.9



#52
 Acenaphthene
 Concen: 34.084 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Tgt Ion:154 Resp: 1232183
 Ion Ratio Lower Upper
 154 100
 153 112.4 90.1 135.1
 152 52.1 42.5 63.7

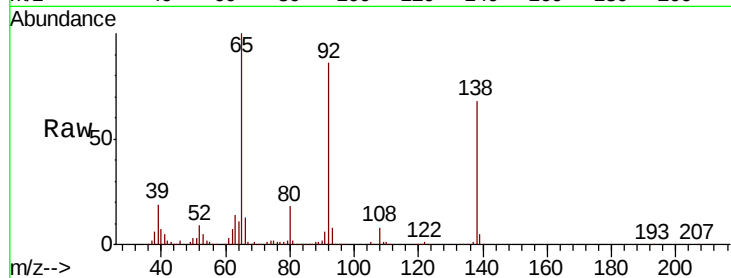




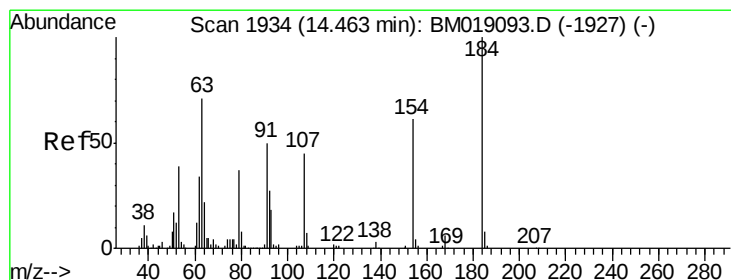
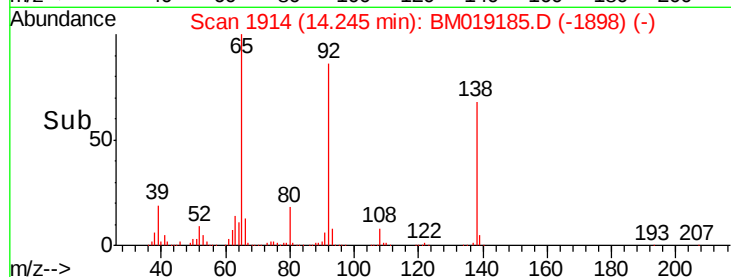
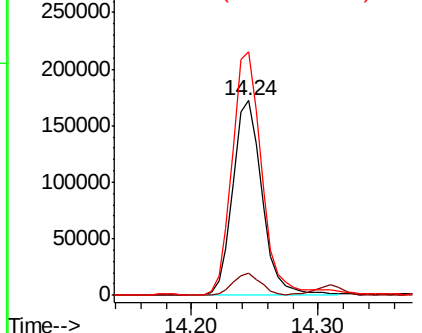
#53
 3-Nitroaniline
 Concen: 24.680 ng
 RT: 14.24 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052MS

Tgt Ion:138 Resp: 275908
 Ion Ratio Lower Upper
 138 100
 108 11.2 9.0 13.4
 92 125.1 102.6 153.8

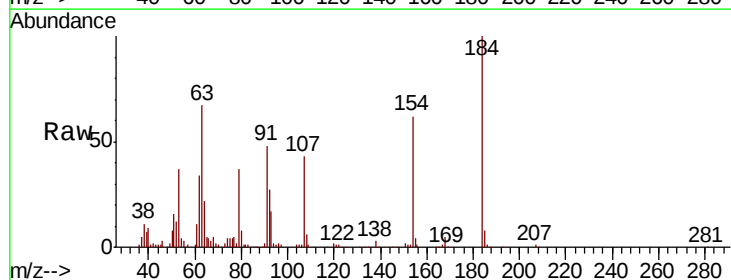


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BM

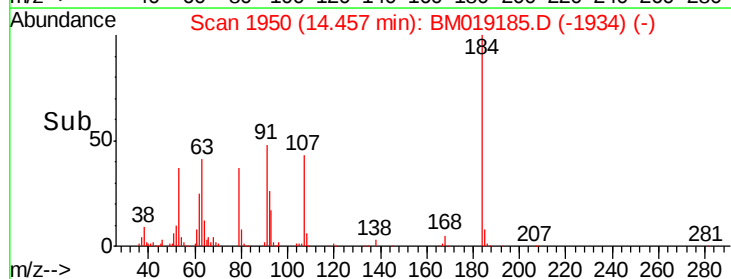
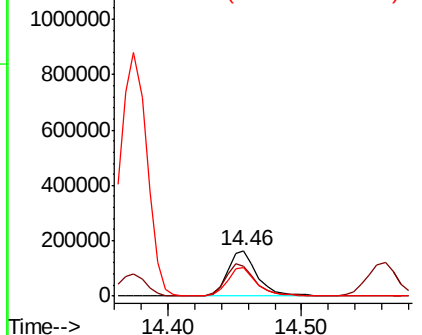


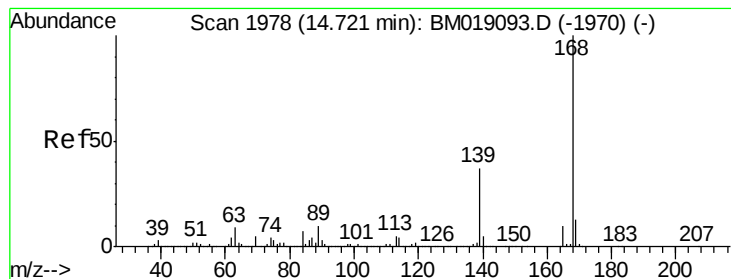
#54
 2,4-Dinitrophenol
 Concen: 41.970 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Tgt Ion:184 Resp: 257276
 Ion Ratio Lower Upper
 184 100
 63 66.6 56.7 85.1
 154 62.0 49.3 73.9



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 34.527 ng

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

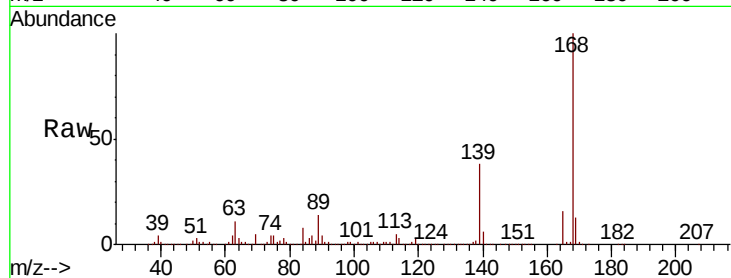
Tgt Ion:168 Resp: 2012944

Ion Ratio Lower Upper

168 100

139 37.6 30.1 45.1

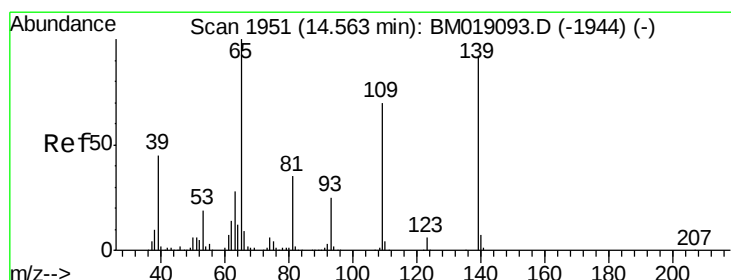
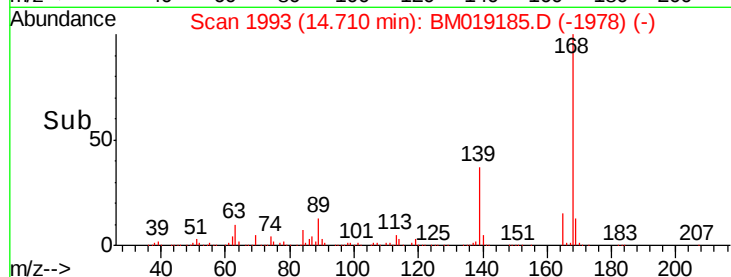
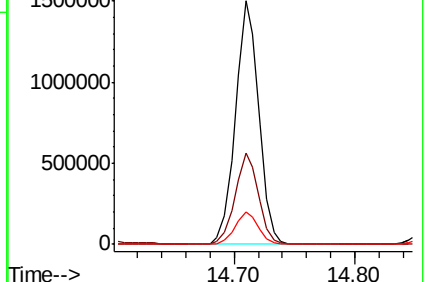
169 13.4 10.6 16.0



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: 68.927 ng

RT: 14.56 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

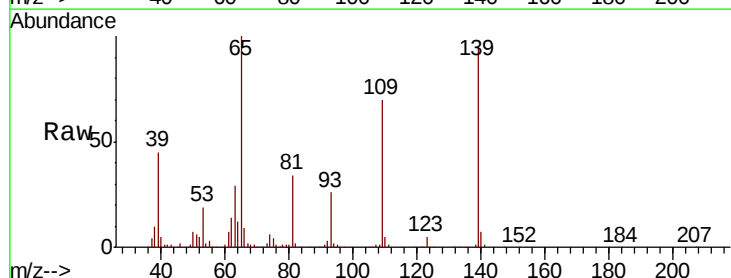
Tgt Ion:139 Resp: 629154

Ion Ratio Lower Upper

139 100

109 73.5 56.3 96.3

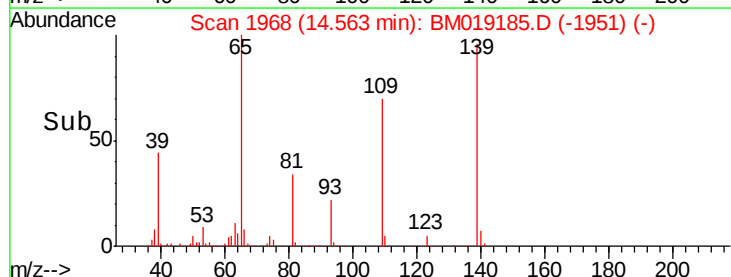
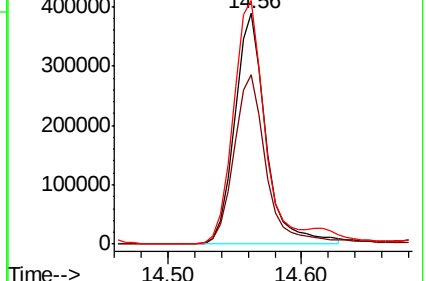
65 105.5 89.2 129.2

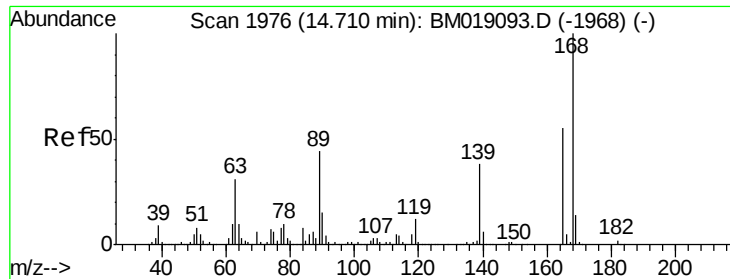


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

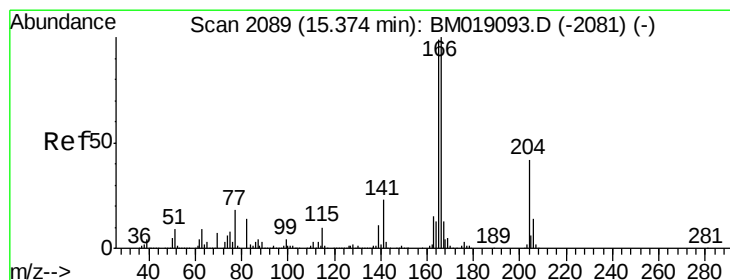
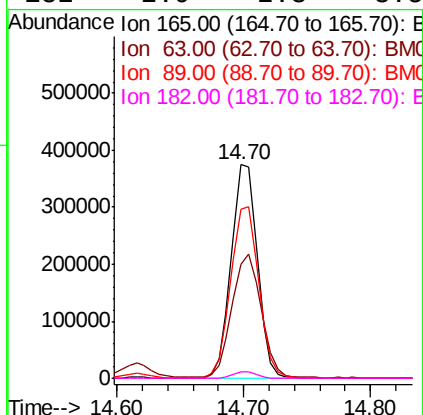
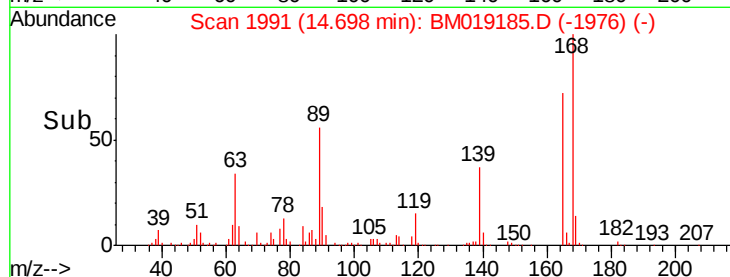
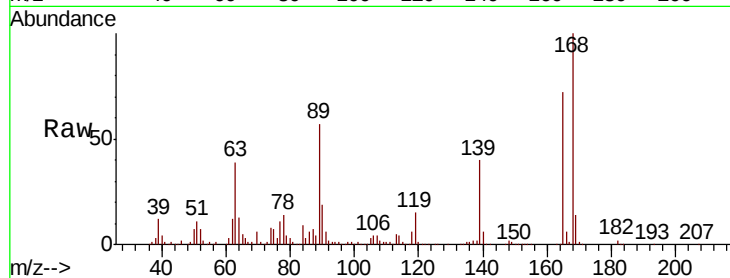




#57
2,4-Dinitrotoluene
Concen: 34.995 ng
RT: 14.70 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

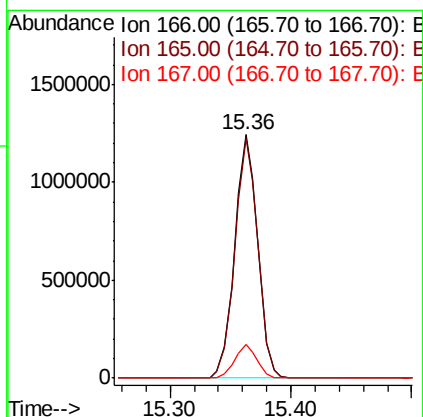
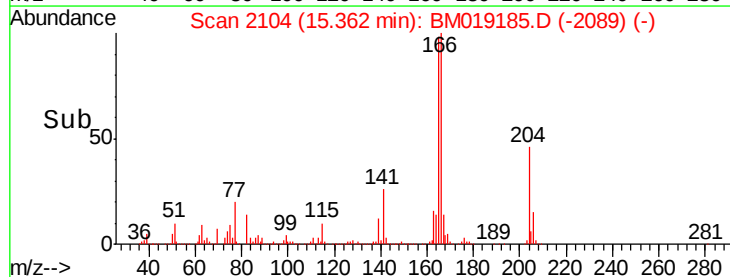
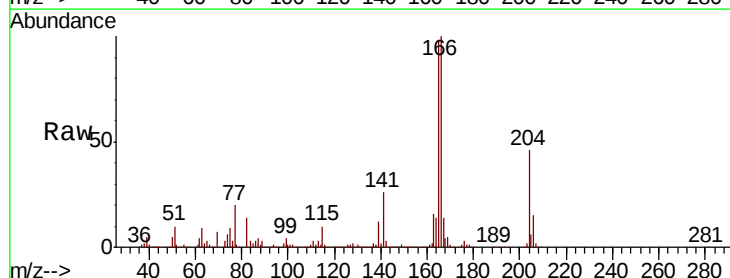
Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

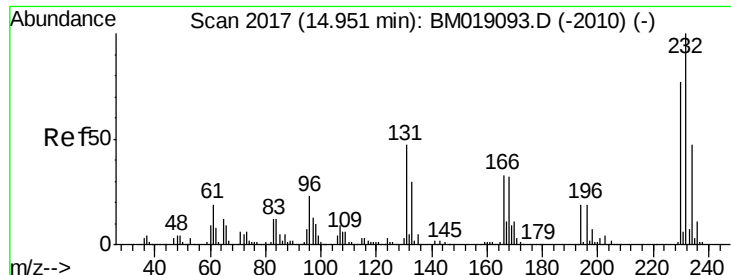
Tgt Ion:165 Resp: 536202
Ion Ratio Lower Upper
165 100
63 53.6 44.7 67.1
89 79.4 63.4 95.2
182 2.9 2.3 3.5



#58
Fluorene
Concen: 34.247 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion:166 Resp: 1645751
Ion Ratio Lower Upper
166 100
165 98.5 79.0 118.4
167 13.7 10.8 16.2

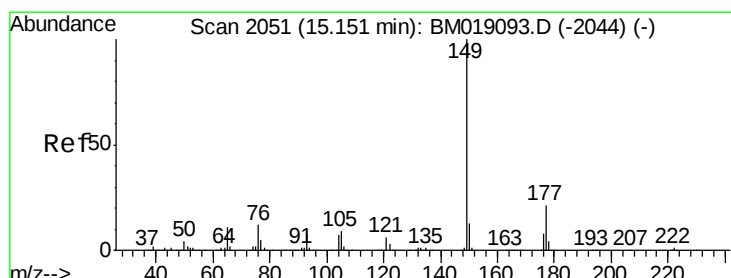
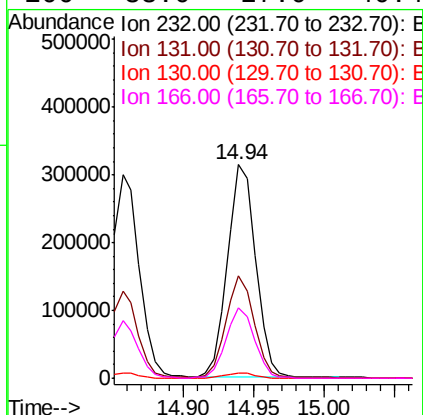
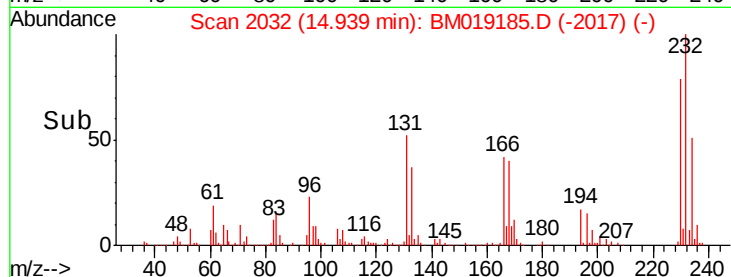
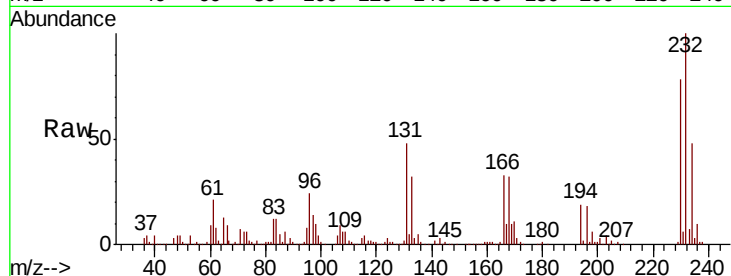




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.954 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

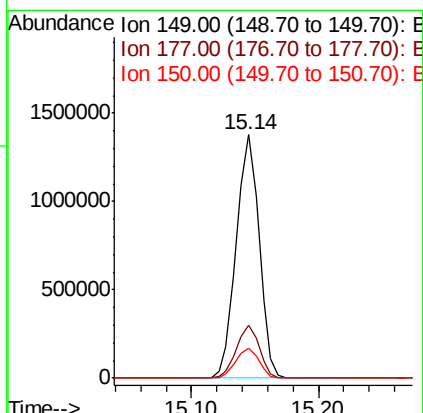
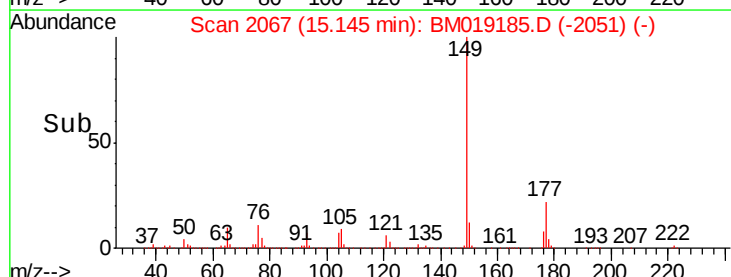
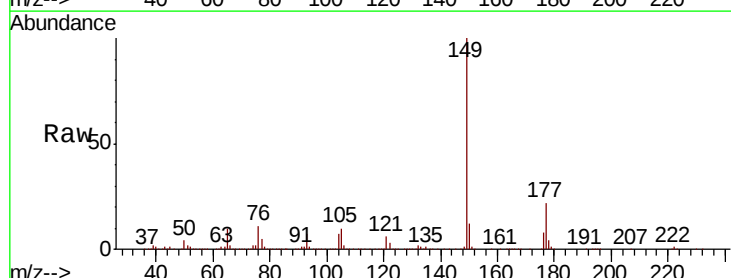
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052MS

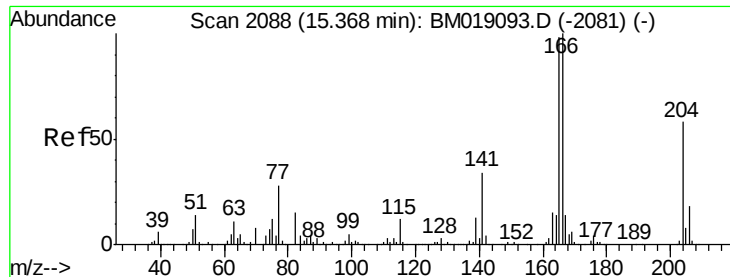
Tgt Ion: 232 Resp: 440876
 Ion Ratio Lower Upper
 232 100
 131 47.4 38.2 57.2
 130 2.6 1.9 2.9
 166 33.0 27.0 40.4



#60
 Diethylphthalate
 Concen: 34.742 ng
 RT: 15.14 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Tgt Ion: 149 Resp: 1718124
 Ion Ratio Lower Upper
 149 100
 177 21.8 17.0 25.6
 150 12.4 10.2 15.4

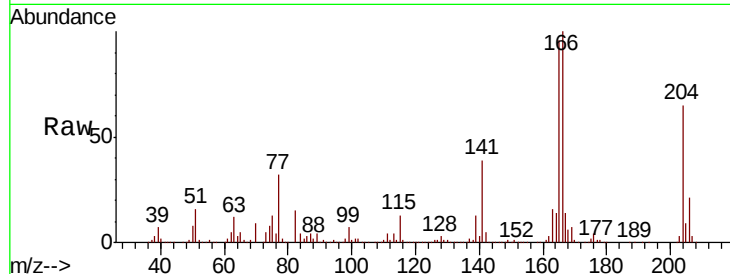




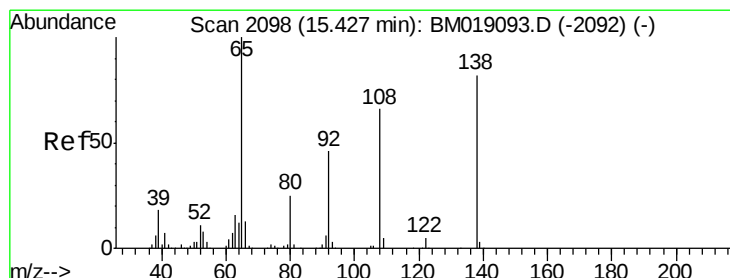
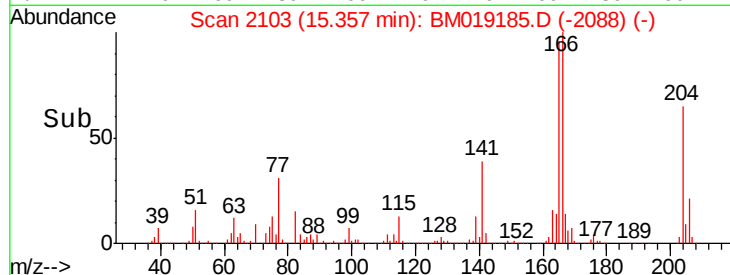
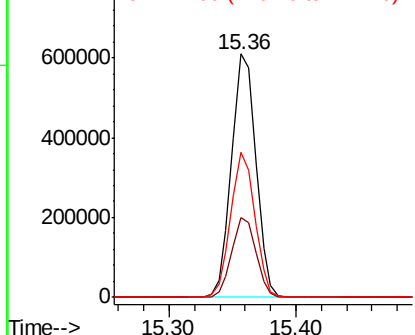
#61
 4-Chlorophenyl-phenylether
 Concen: 34.721 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052MS

Tgt Ion:204 Resp: 810397
 Ion Ratio Lower Upper
 204 100
 206 32.6 25.5 38.3
 141 59.5 47.8 71.8

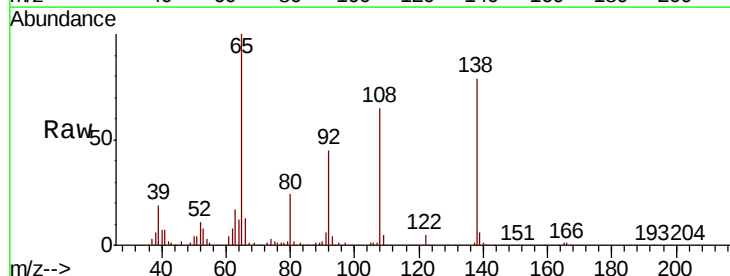


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

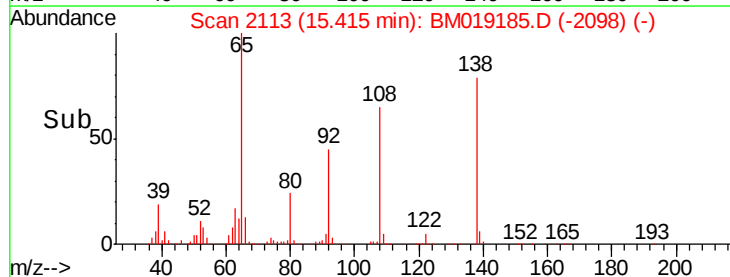
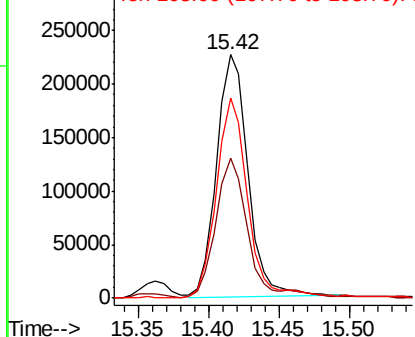


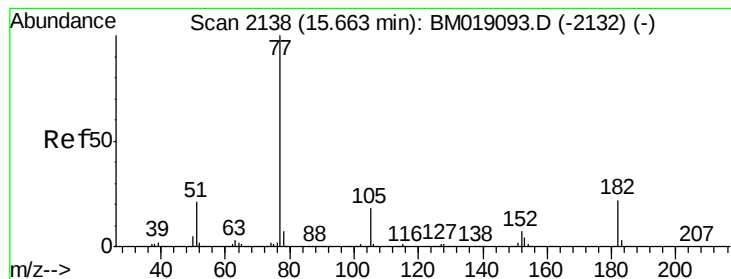
#62
 4-Nitroaniline
 Concen: 31.048 ng
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Tgt Ion:138 Resp: 349807
 Ion Ratio Lower Upper
 138 100
 92 57.4 36.2 76.2
 108 82.0 59.7 99.7



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 35.038 ng

RT: 15.65 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

Tgt Ion: 77 Resp: 1823348

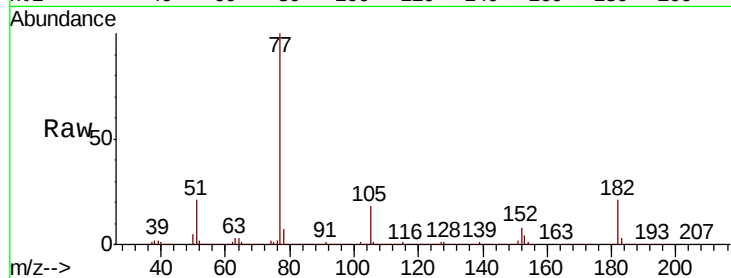
Ion Ratio Lower Upper

77 100

182 21.0 1.8 41.8

105 17.8 0.0 38.3

51 20.9 0.8 40.8



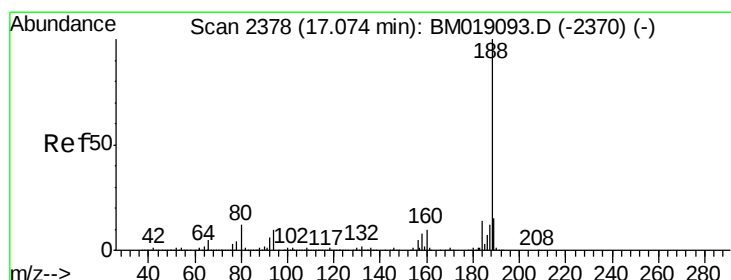
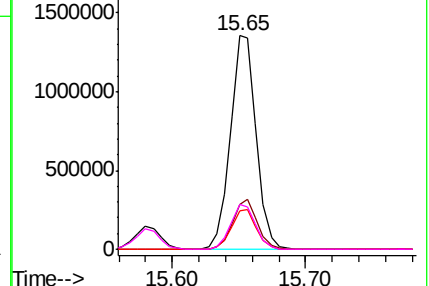
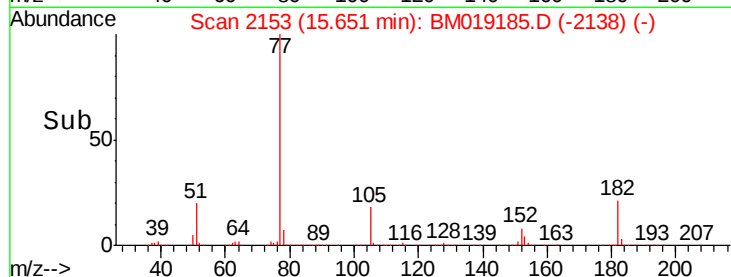
Abundance

Ion 77.00 (76.70 to 77.70): BM019093.D (-2132) (-)

Ion 182.00 (181.70 to 182.70): BM019093.D (-2132) (-)

Ion 105.00 (104.70 to 105.70): BM019093.D (-2132) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-2132) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

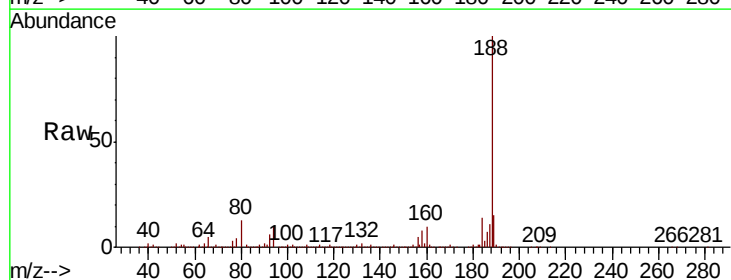
Tgt Ion: 188 Resp: 1309280

Ion Ratio Lower Upper

188 100

94 10.4 8.1 12.1

80 12.5 9.7 14.5

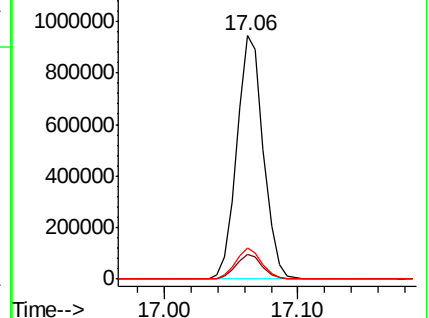
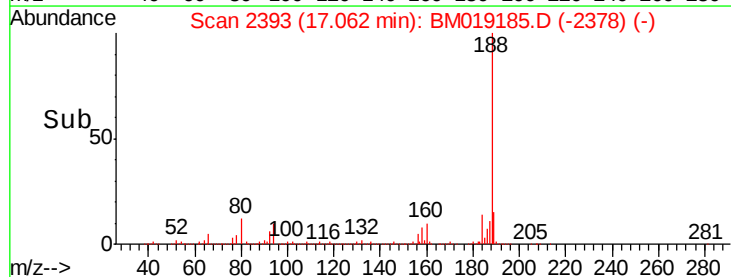


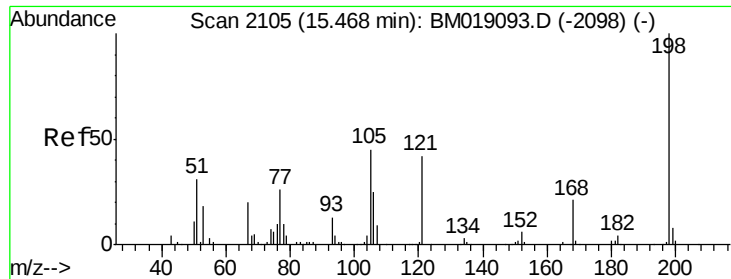
Abundance

Ion 188.00 (187.70 to 188.70): BM019093.D (-2370) (-)

Ion 94.00 (93.70 to 94.70): BM019093.D (-2370) (-)

Ion 80.00 (79.70 to 80.70): BM019093.D (-2370) (-)

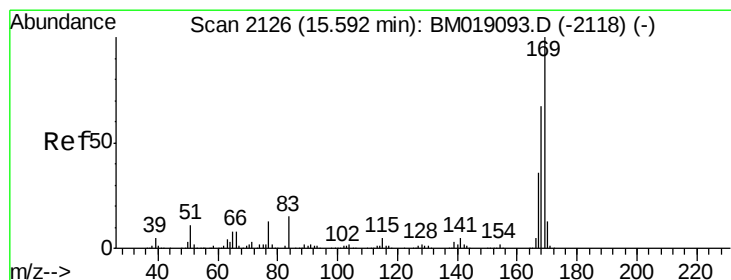
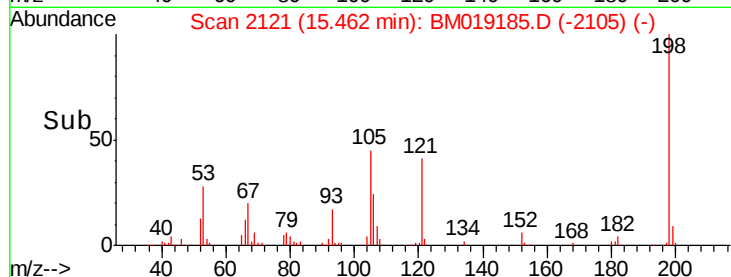
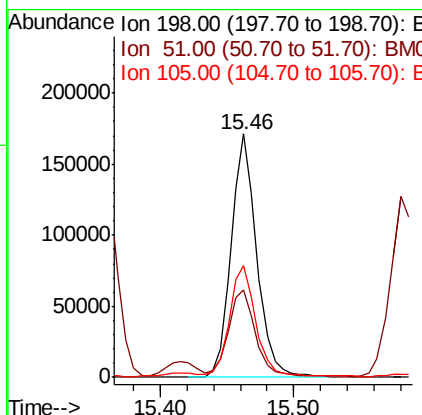
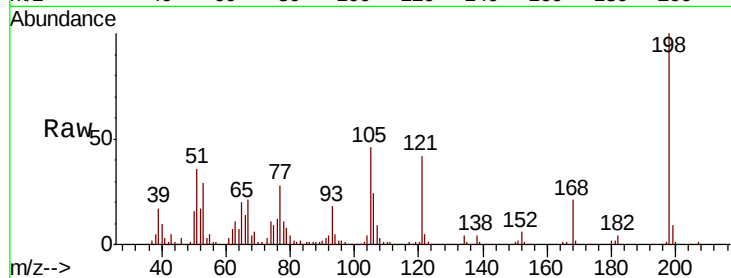




#65
 4,6-Dinitro-2-methylphenol
 Concen: 26.895 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

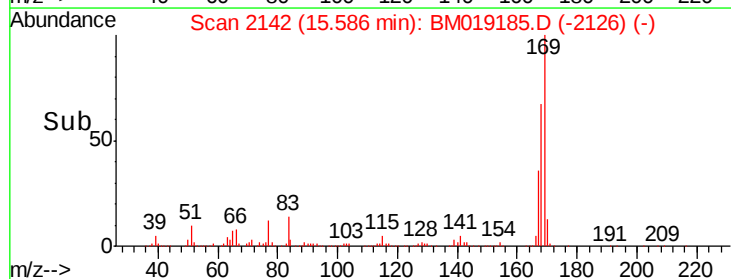
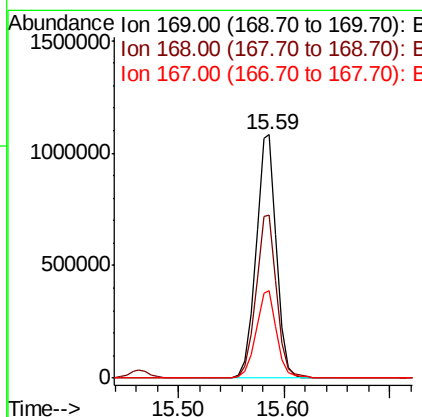
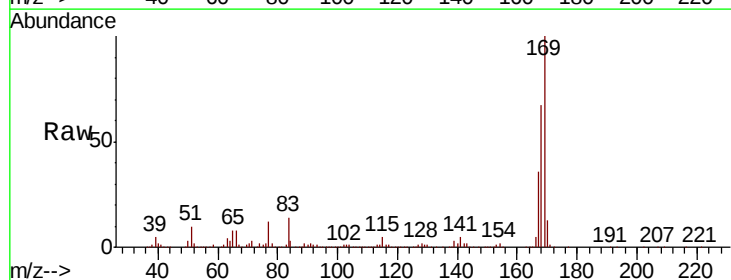
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052MS

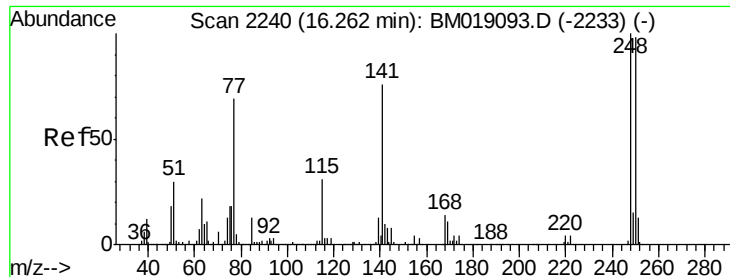
Tgt Ion:198 Resp: 230749
 Ion Ratio Lower Upper
 198 100
 51 35.9 17.3 57.3
 105 45.9 26.2 66.2



#66
 n-Nitrosodiphenylamine
 Concen: 34.960 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Tgt Ion:169 Resp: 1457250
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.9 80.9
 167 35.9 28.8 43.2

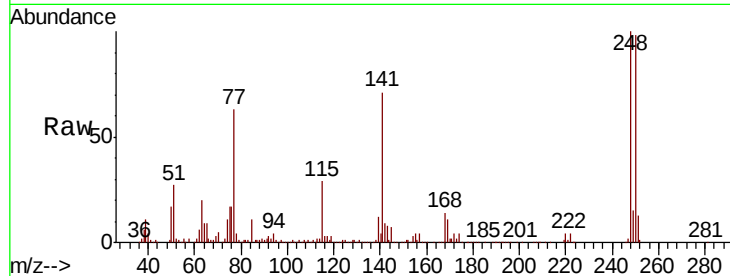




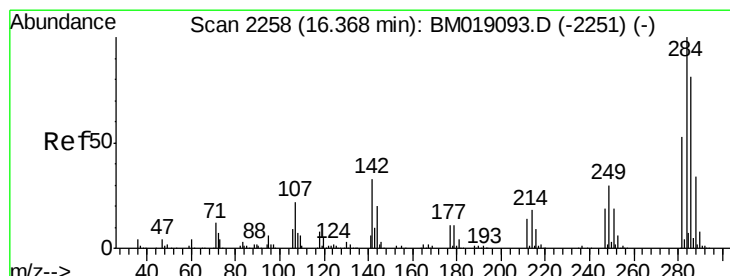
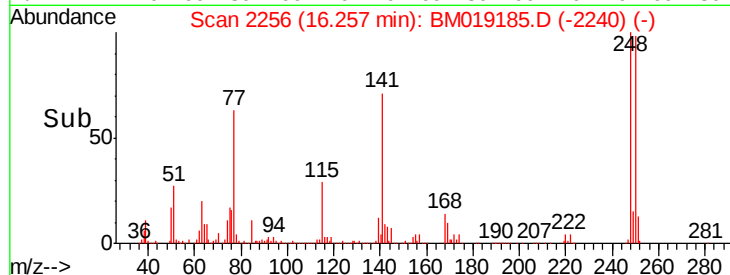
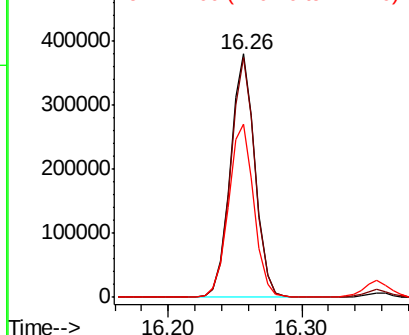
#67
 4-Bromophenyl-phenylether
 Concen: 33.938 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052MS

Tgt Ion:248 Resp: 490002
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.0 117.0
 141 71.2 61.0 91.4

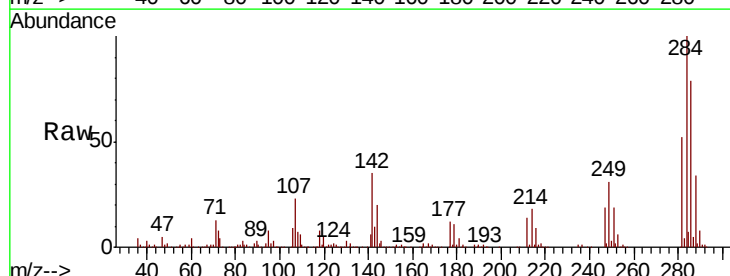


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

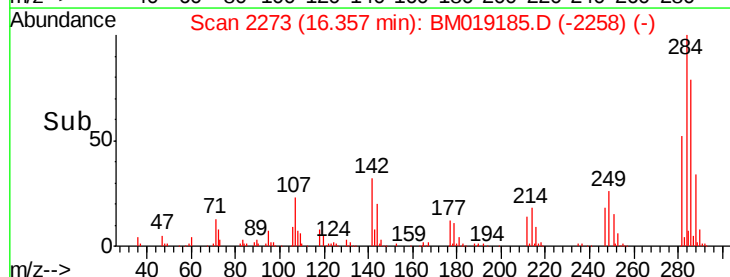
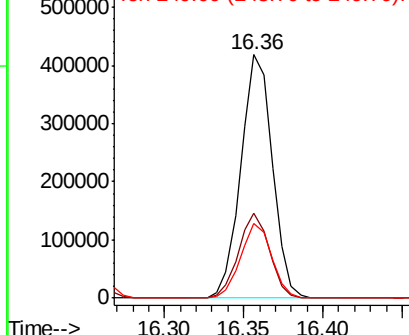


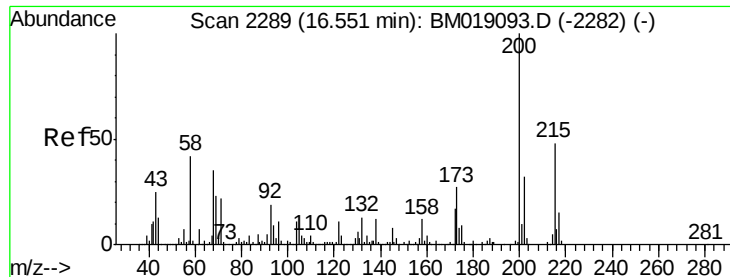
#68
 Hexachlorobenzene
 Concen: 33.587 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Tgt Ion:284 Resp: 576527
 Ion Ratio Lower Upper
 284 100
 142 34.7 26.3 39.5
 249 30.8 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 36.014 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

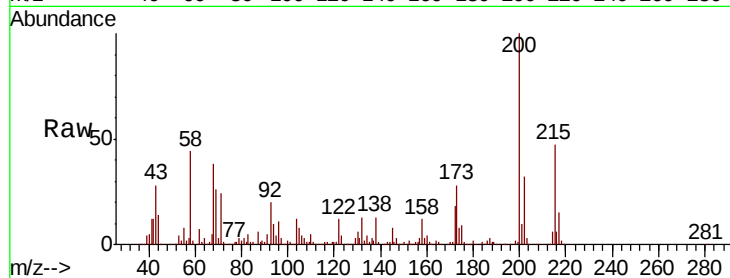
Tgt Ion:200 Resp: 505333

Ion Ratio Lower Upper

200 100

173 28.1 7.0 47.0

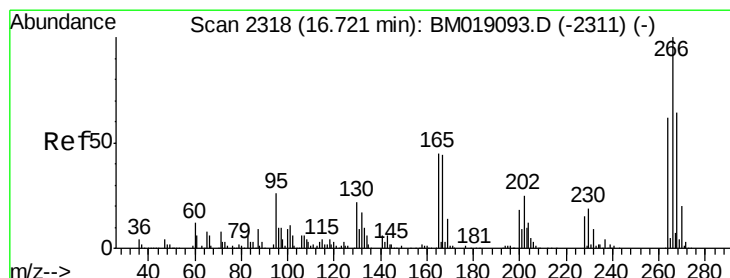
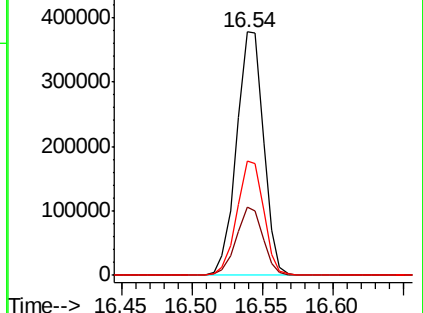
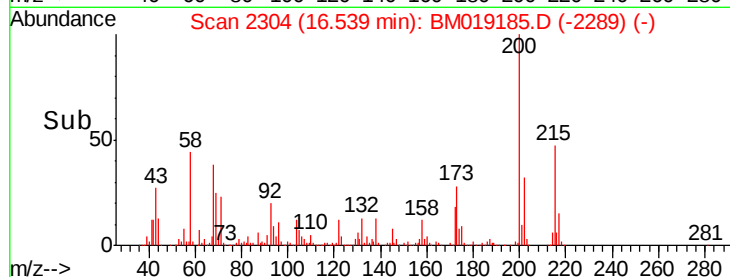
215 47.1 27.7 67.7



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: 67.433 ng

RT: 16.72 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

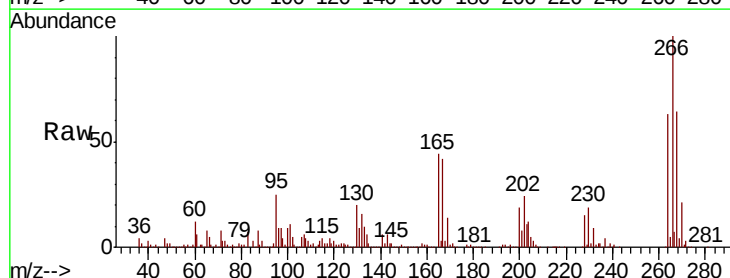
Tgt Ion:266 Resp: 697382

Ion Ratio Lower Upper

266 100

268 63.8 51.3 76.9

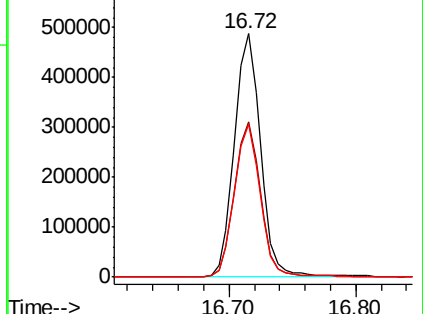
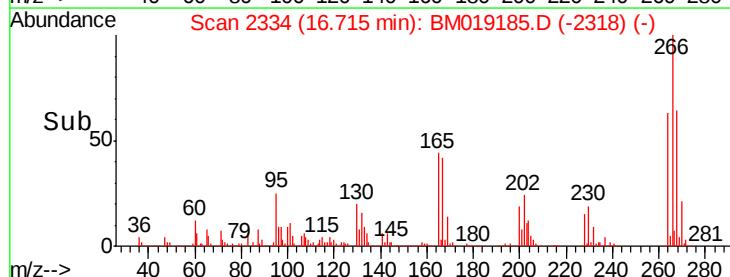
264 62.9 50.0 75.0

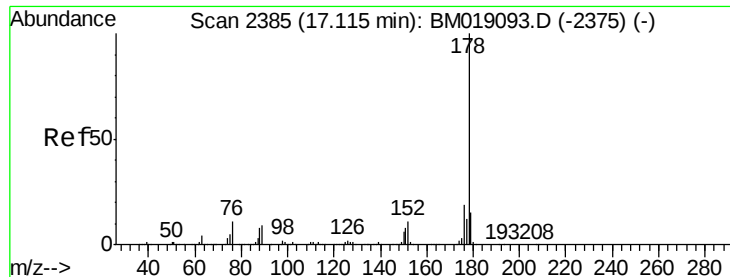


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

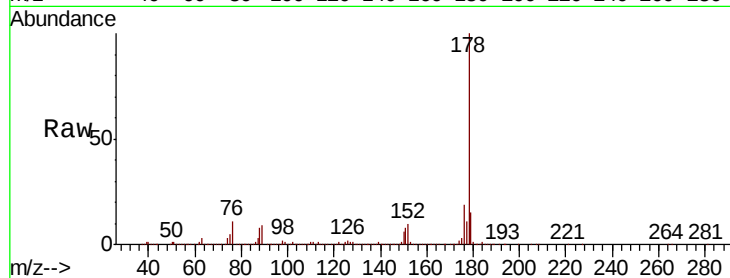




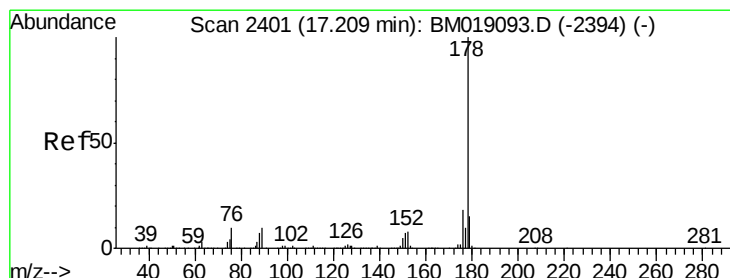
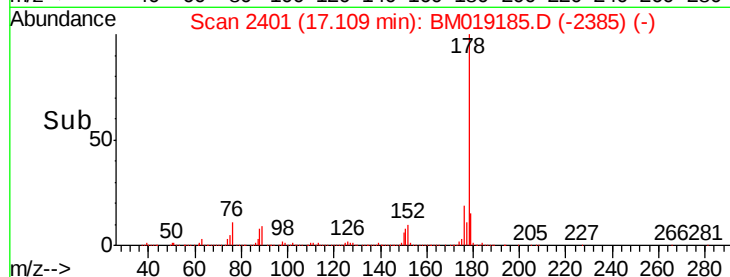
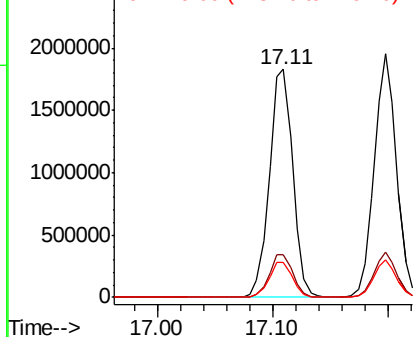
#71
Phenanthrene
Concen: 33.617 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tgt Ion:178 Resp: 2579838
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.2 12.2 18.2

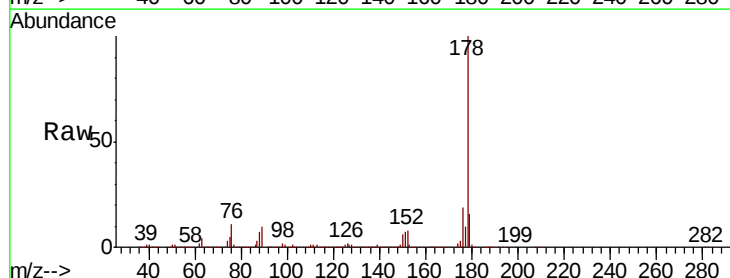


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

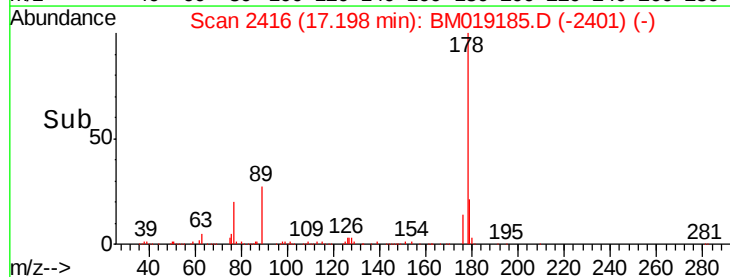
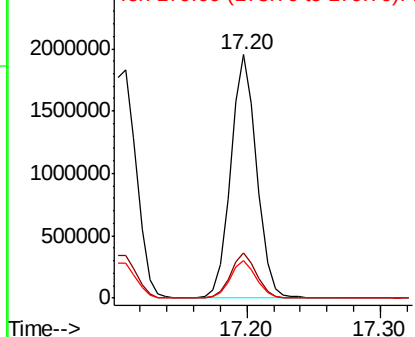


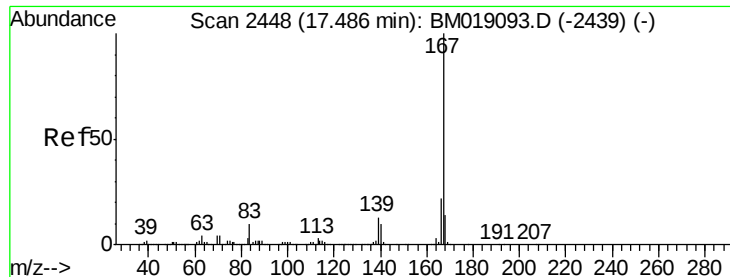
#72
Anthracene
Concen: 34.964 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion:178 Resp: 2626743
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 15.6 11.9 17.9



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: 34.049 ng

RT: 17.48 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

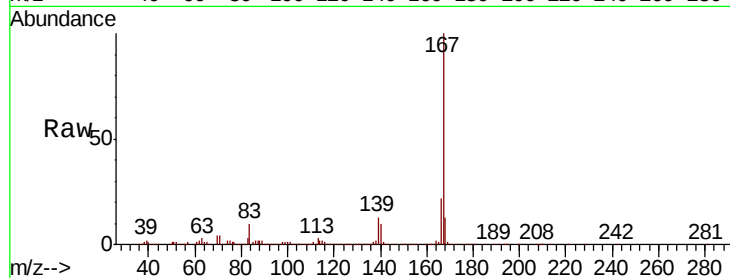
Tgt Ion:167 Resp: 2414350

Ion Ratio Lower Upper

167 100

166 21.6 17.8 26.8

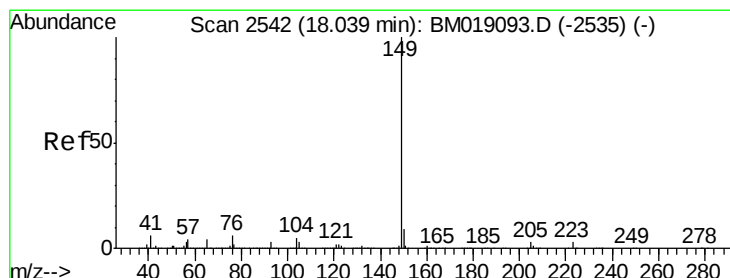
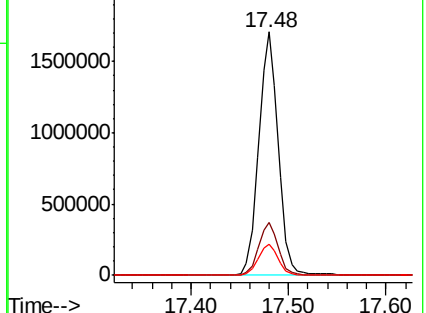
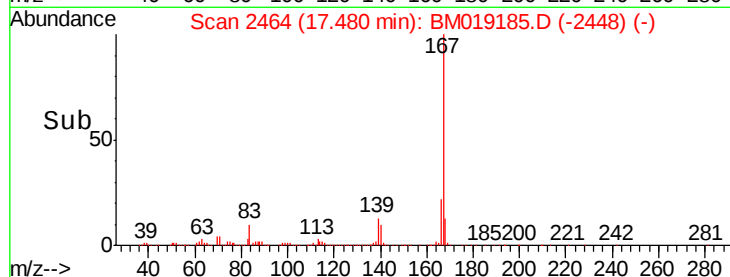
139 12.8 10.5 15.7



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: 35.519 ng

RT: 18.03 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

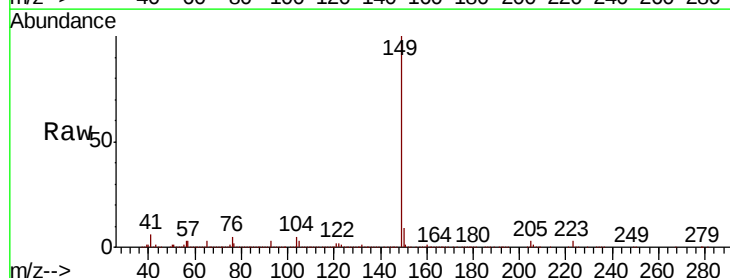
Tgt Ion:149 Resp: 3045517

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

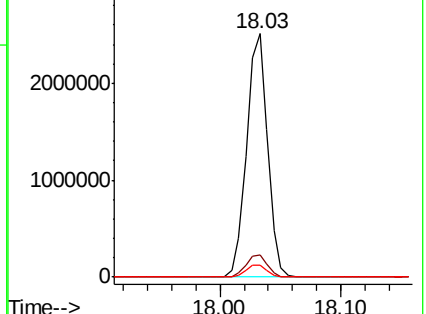
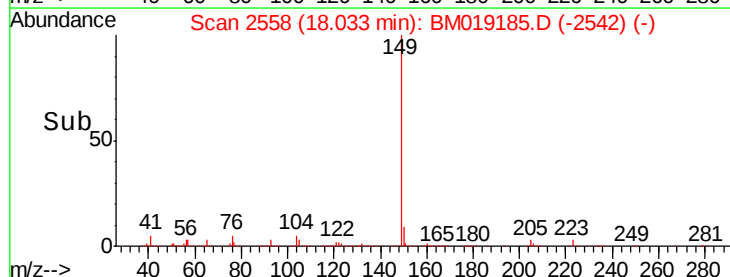
104 5.0 4.2 6.4

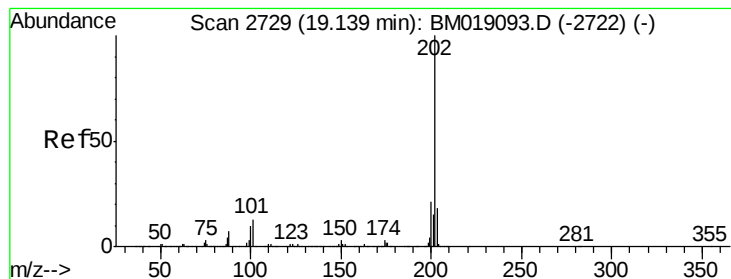


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.009 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

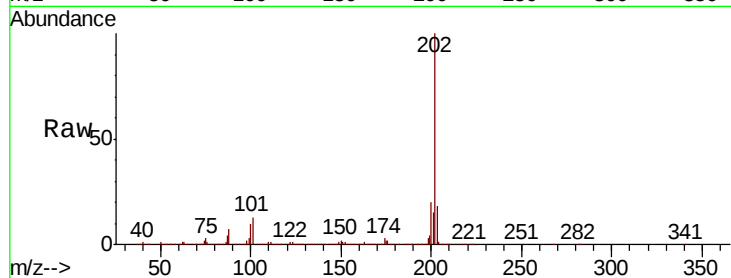
Tgt Ion:202 Resp: 3082867

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.0

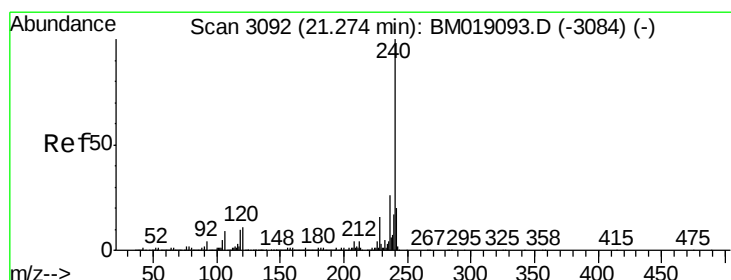
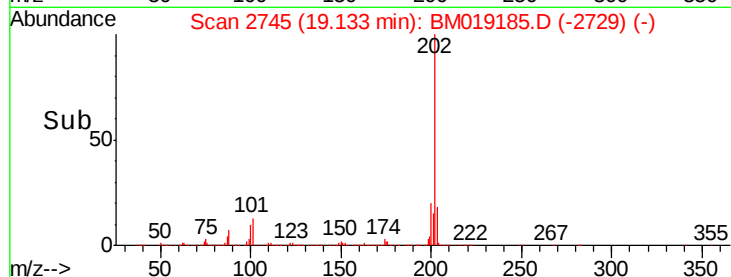
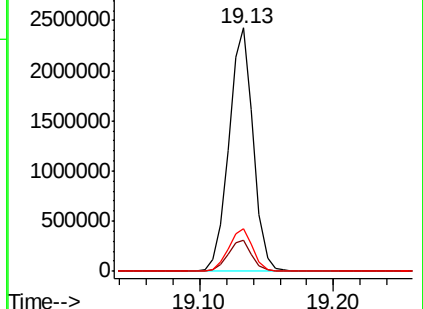
203 17.6 0.0 37.8



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: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

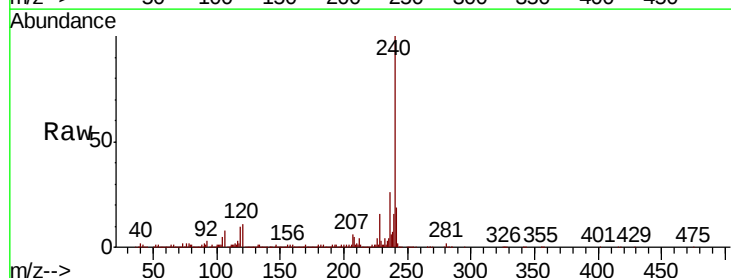
Tgt Ion:240 Resp: 1305821

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

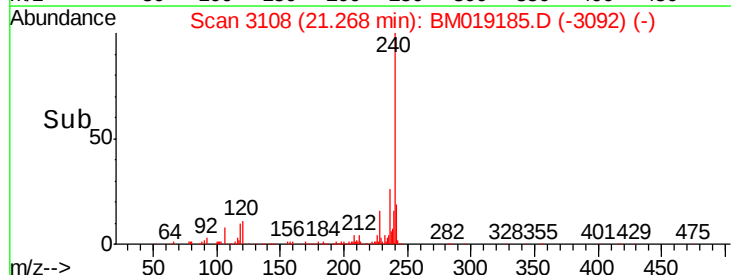
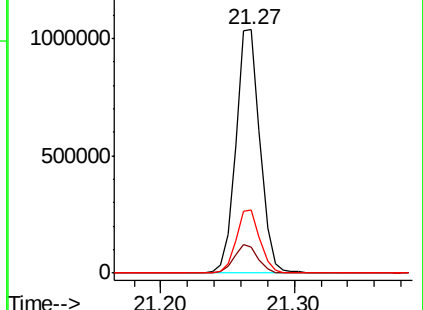
236 25.7 21.0 31.4

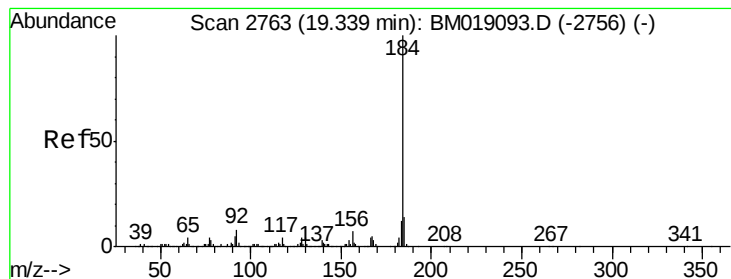


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.899 ng

RT: 19.33 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

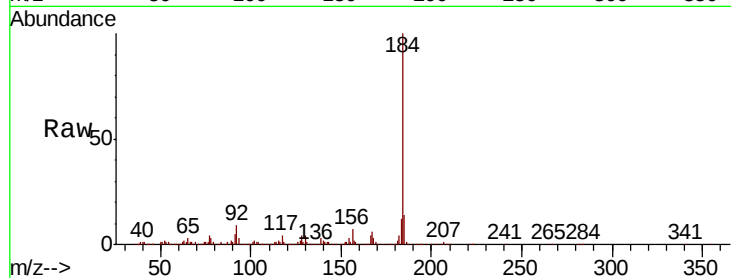
Tgt Ion:184 Resp: 1662785

Ion Ratio Lower Upper

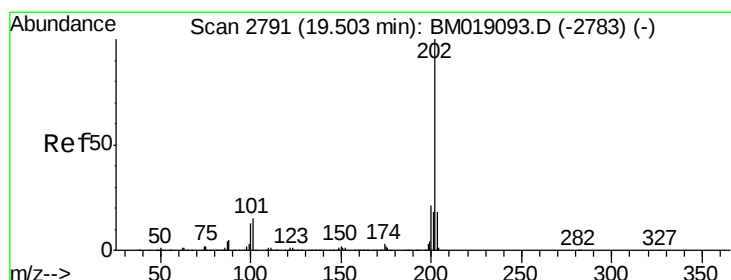
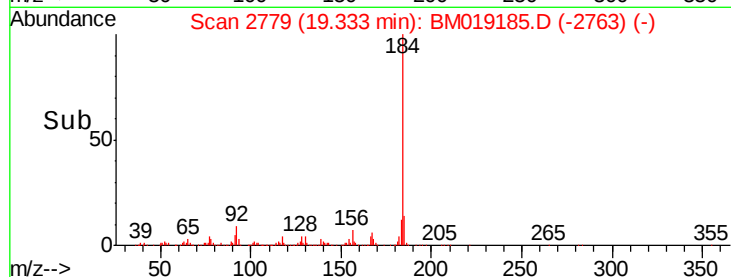
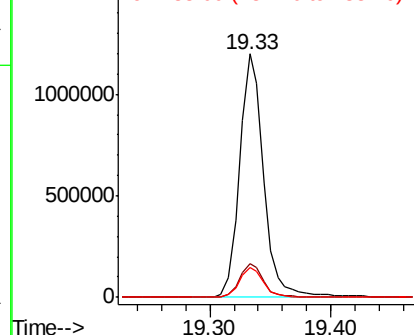
184 100

185 13.8 11.0 16.4

183 12.2 9.8 14.6



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



#78

Pyrene

Concen: 37.495 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

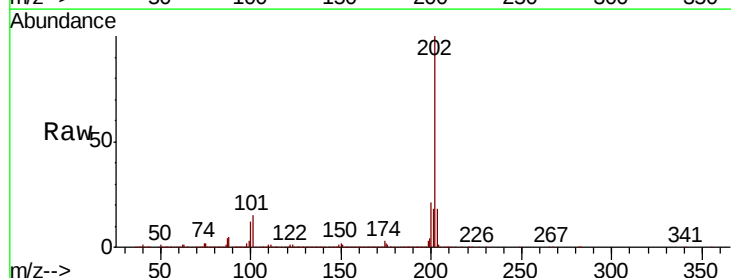
Tgt Ion:202 Resp: 3097871

Ion Ratio Lower Upper

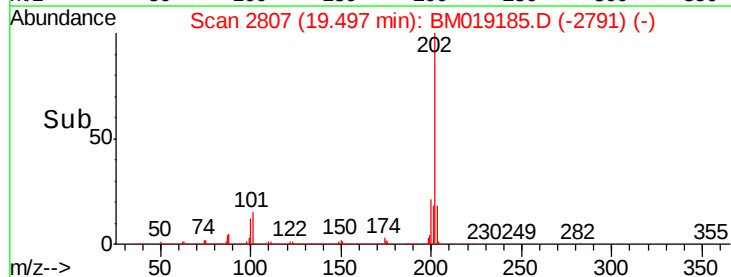
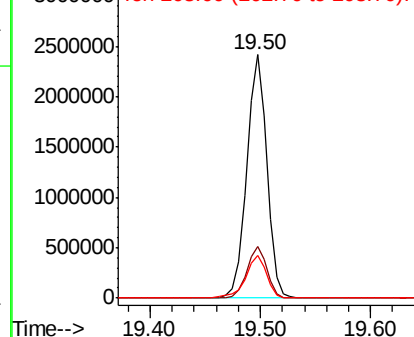
202 100

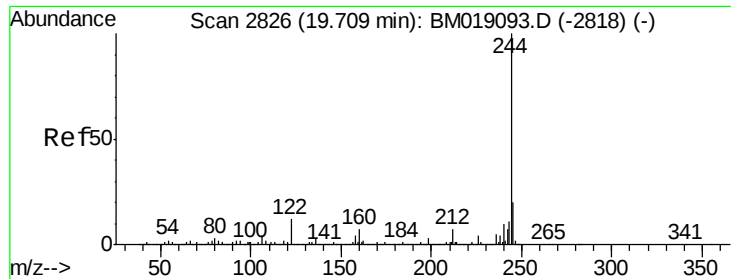
200 20.9 16.9 25.3

203 17.5 14.0 21.0



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

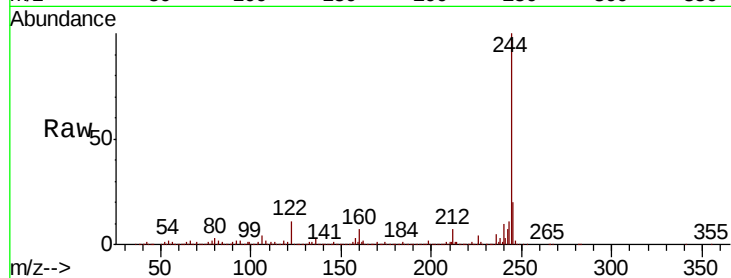




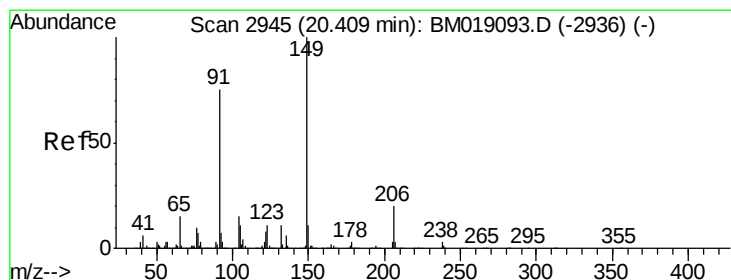
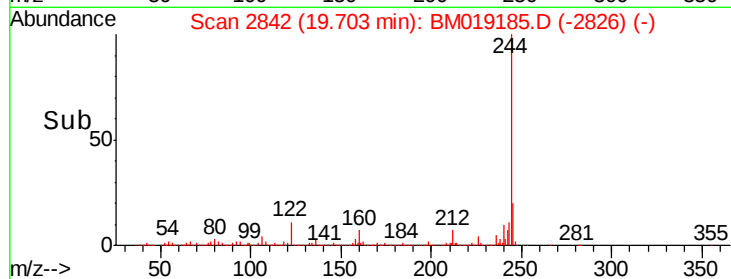
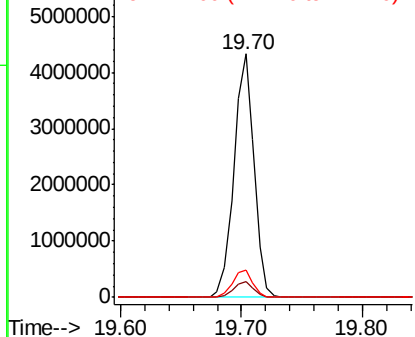
#79
 Terphenyl-d14
 Concen: 76.063 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052MS

Tgt Ion:244 Resp: 5003199
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 11.2 9.4 14.2

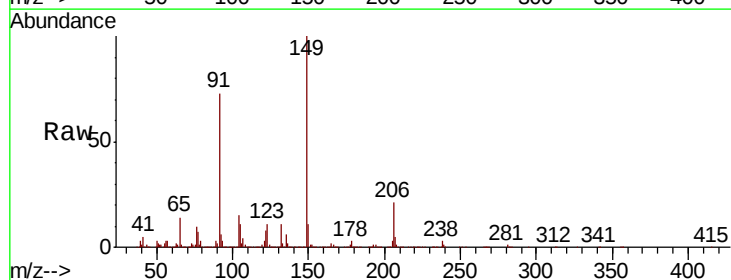


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

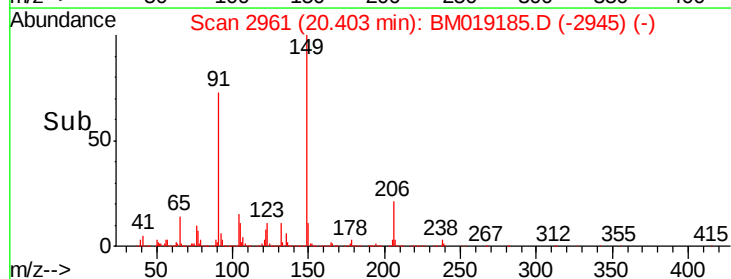
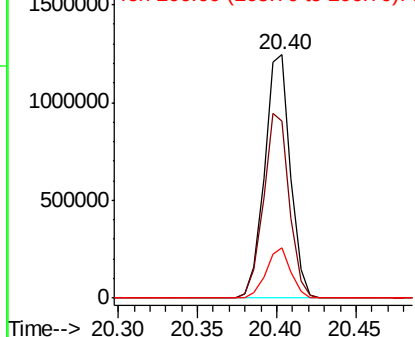


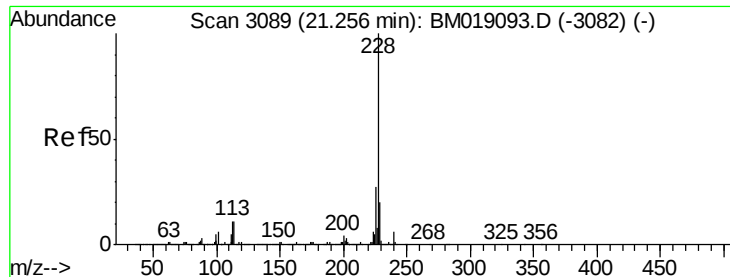
#80
 Butylbenzylphthalate
 Concen: 39.459 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BM019185.D
 Acq: 15 Mar 2019 14:23

Tgt Ion:149 Resp: 1419989
 Ion Ratio Lower Upper
 149 100
 91 72.6 60.1 90.1
 206 20.5 16.2 24.2



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: 33.411 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

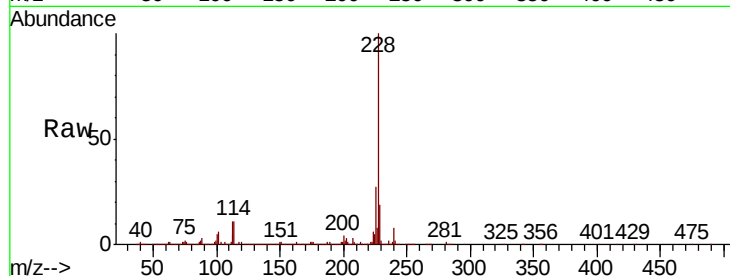
Tgt Ion:228 Resp: 2737108

Ion Ratio Lower Upper

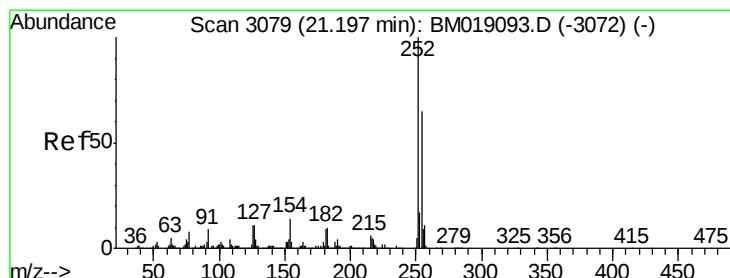
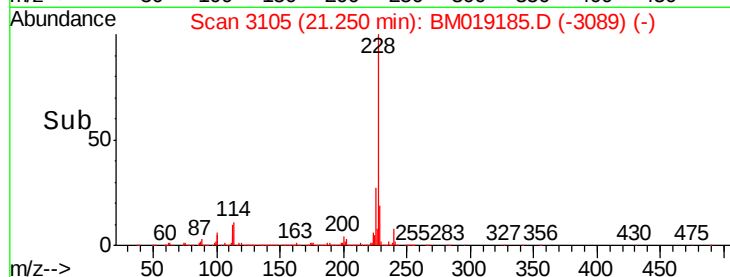
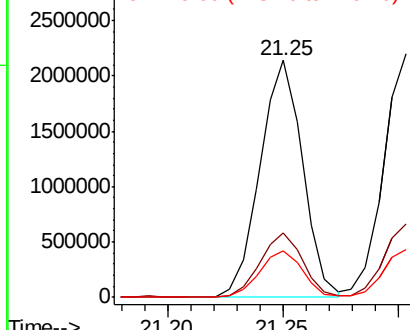
228 100

226 27.2 21.8 32.8

229 19.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.073 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

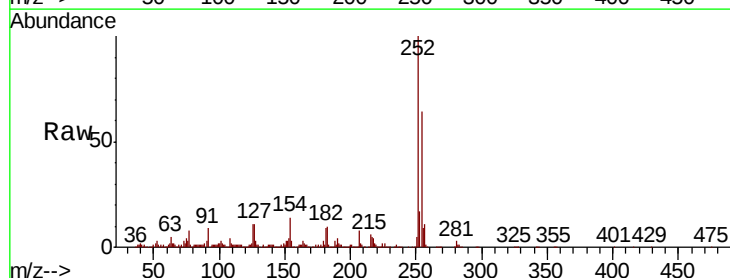
Tgt Ion:252 Resp: 791276

Ion Ratio Lower Upper

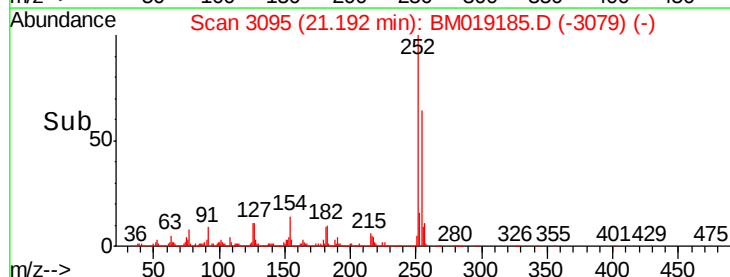
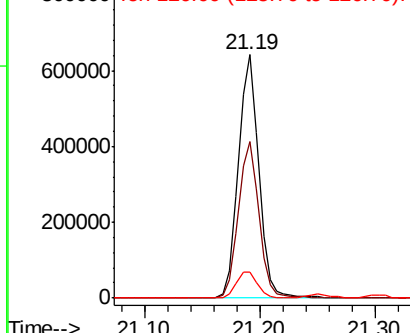
252 100

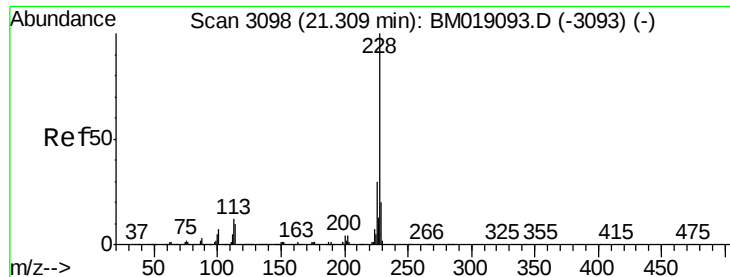
254 64.3 52.4 78.6

126 10.6 9.0 13.6



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: 33.243 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

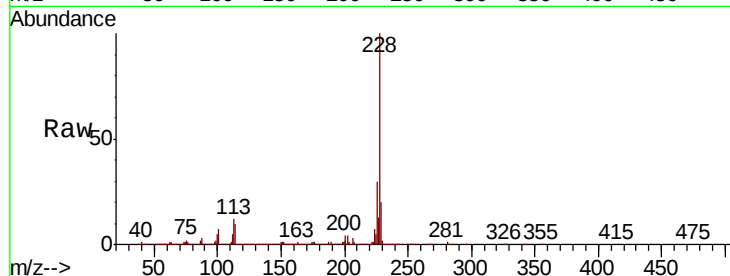
Tgt Ion:228 Resp: 2634638

Ion Ratio Lower Upper

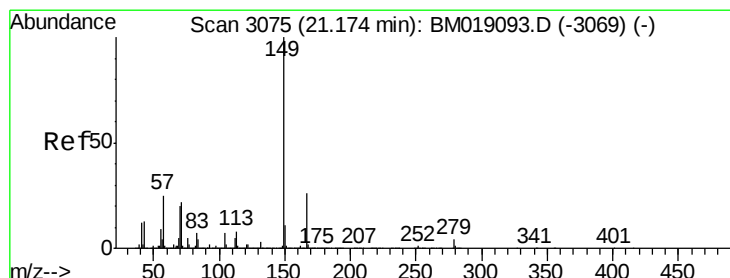
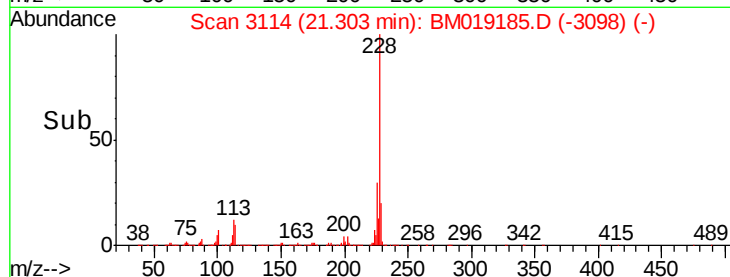
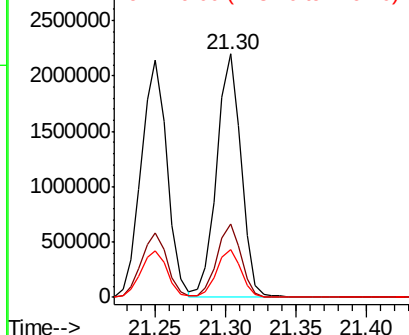
228 100

226 30.1 23.8 35.8

229 19.9 15.7 23.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.086 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

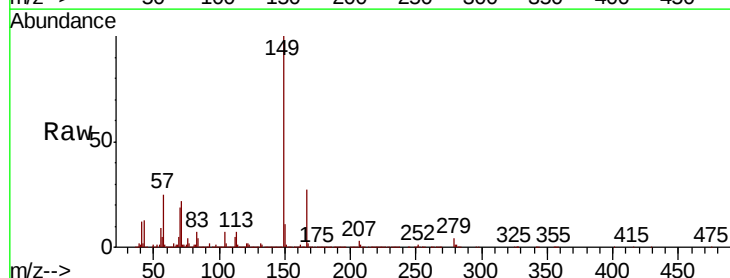
Tgt Ion:149 Resp: 2098657

Ion Ratio Lower Upper

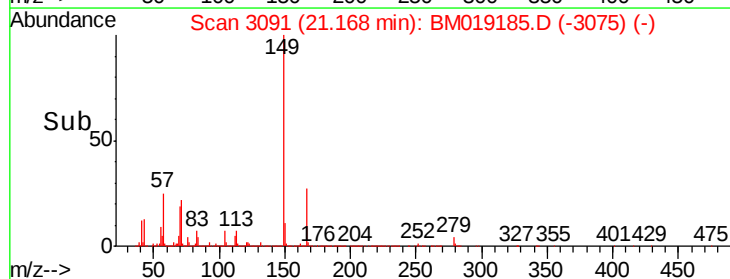
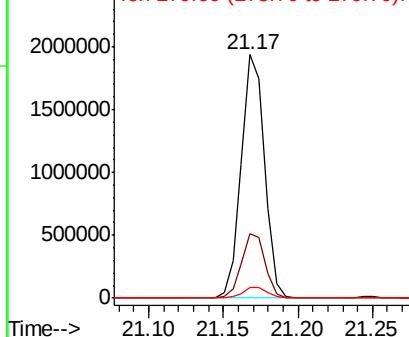
149 100

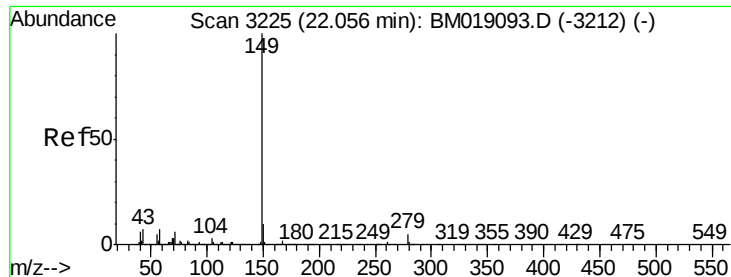
167 26.6 21.1 31.7

279 4.2 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.055 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

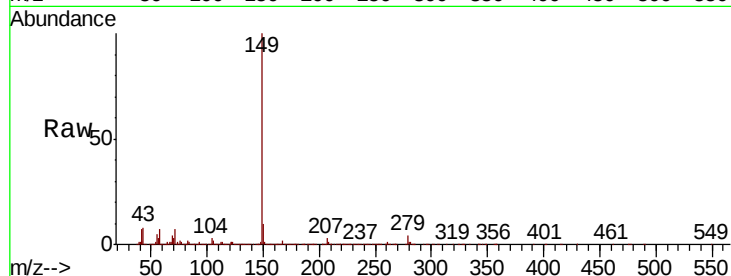
Tgt Ion:149 Resp: 3531152

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

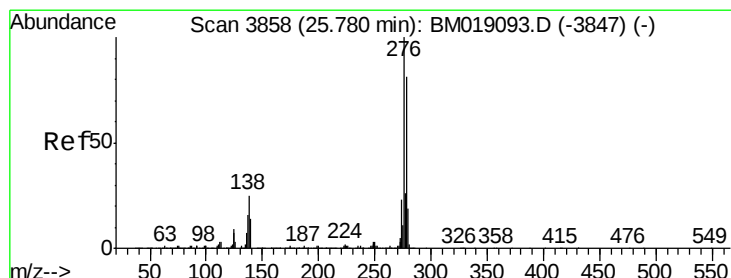
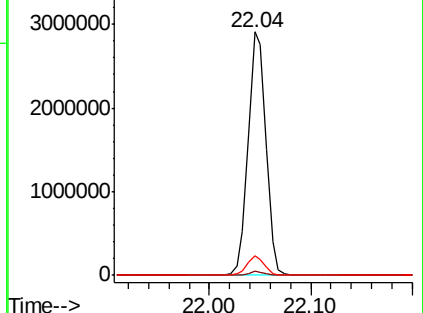
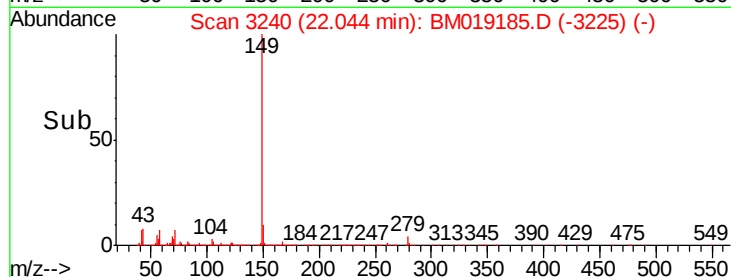
43 7.5 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.020 ng

RT: 25.76 min Scan# 3872

Delta R.T. -0.02 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

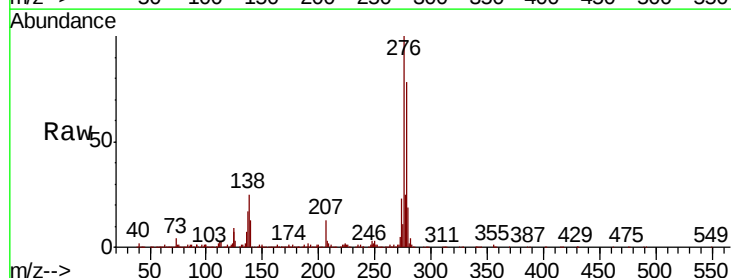
Tgt Ion:276 Resp: 2561185

Ion Ratio Lower Upper

276 100

138 25.0 19.8 29.8

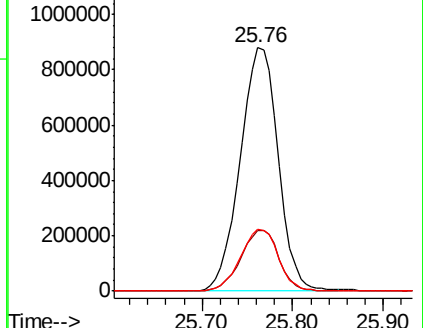
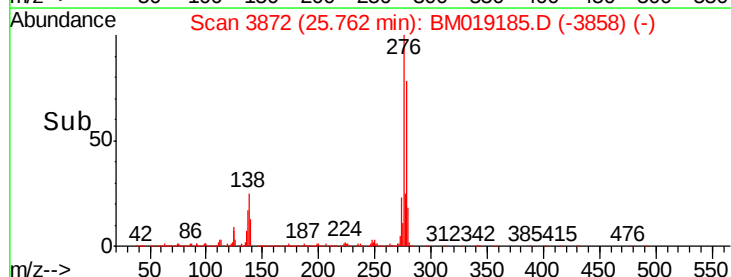
277 25.3 20.3 30.5

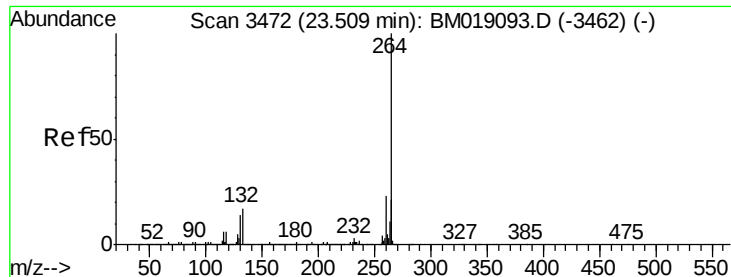


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



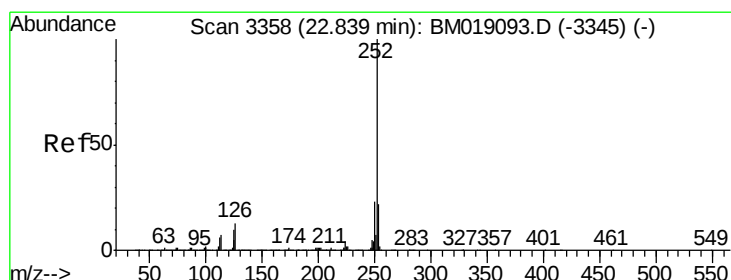
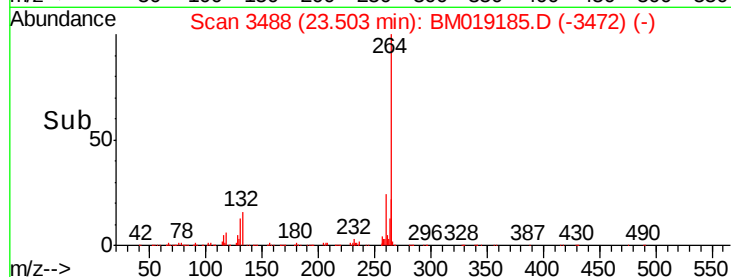
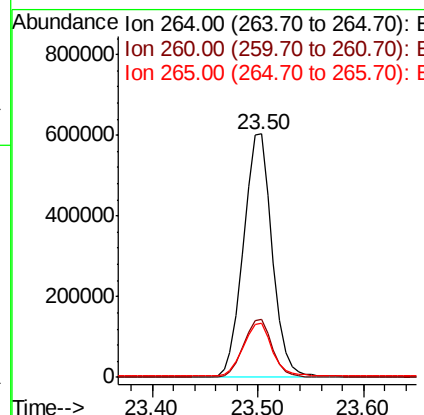
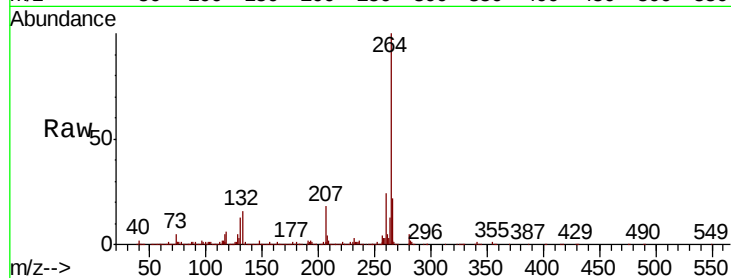


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Tgt Ion:264 Resp: 1140126

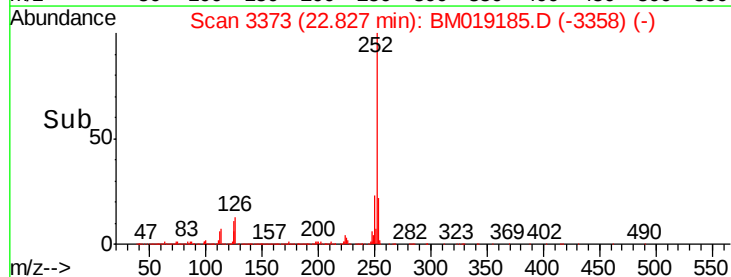
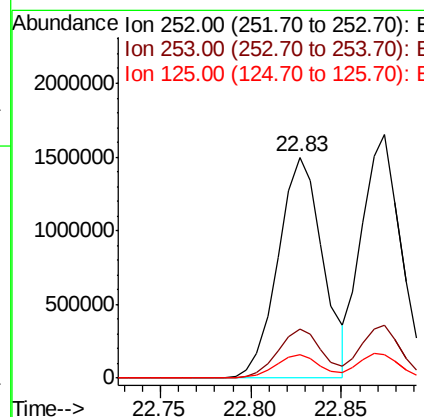
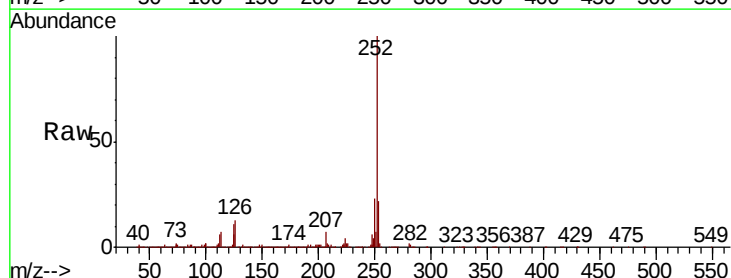
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.4	17.3	25.9

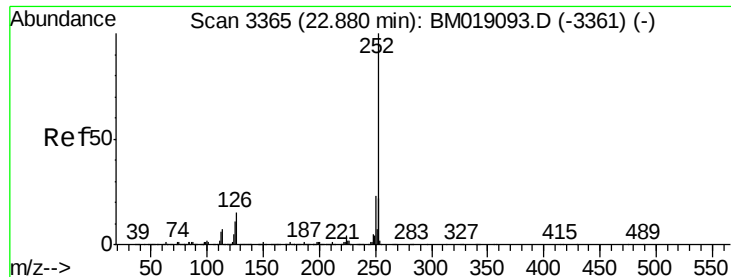


#88
Benzo(b)fluoranthene
Concen: 35.021 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM019185.D
Acq: 15 Mar 2019 14:23

Tgt Ion:252 Resp: 2587241

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.6	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 36.502 ng

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

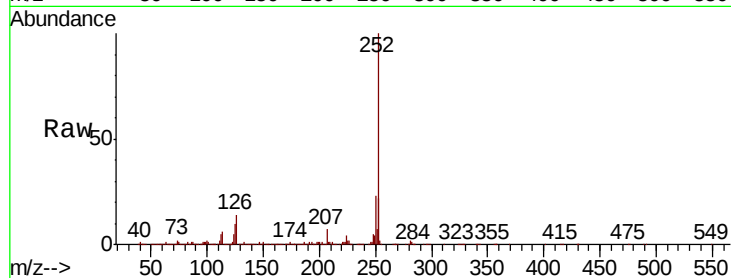
Tgt Ion:252 Resp: 2480348

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

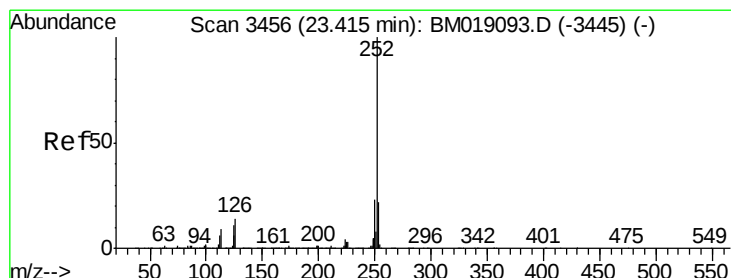
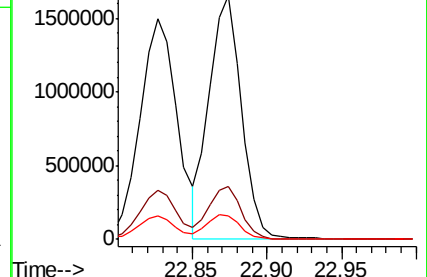
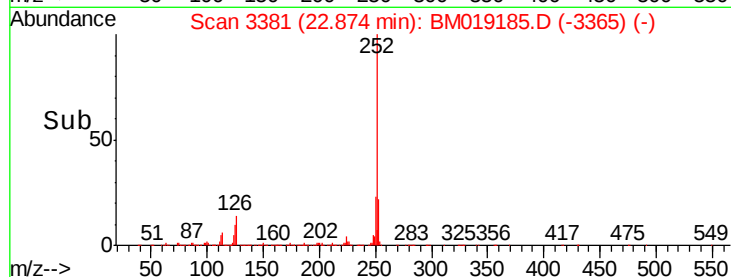
125 9.9 8.8 13.2



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: 35.302 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

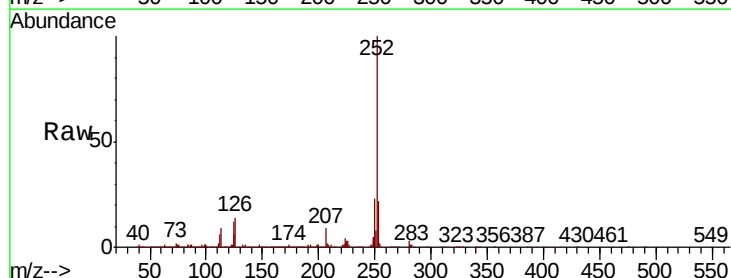
Tgt Ion:252 Resp: 2343721

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

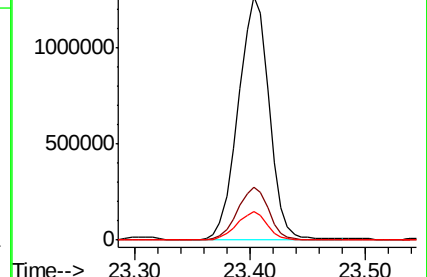
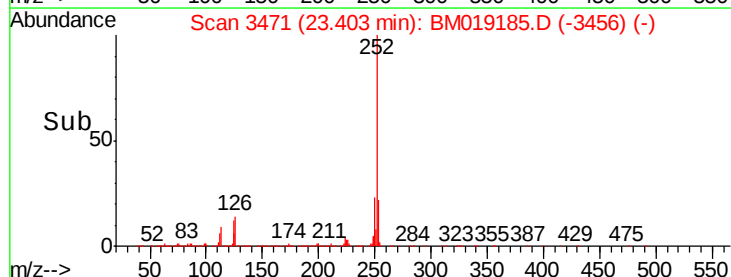
125 11.7 9.2 13.8

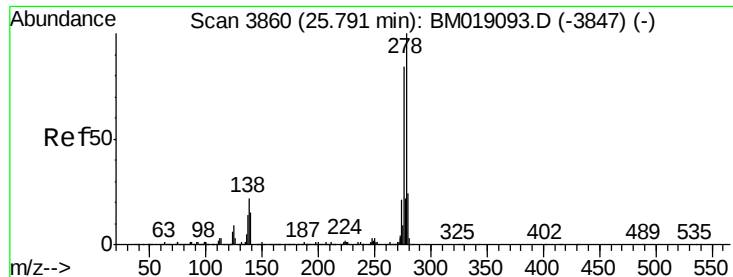


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 34.464 ng

RT: 25.77 min Scan# 3874

Delta R.T. -0.02 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

Instrument :

BNA_M

ClientSampleId :

RBR-200052MS

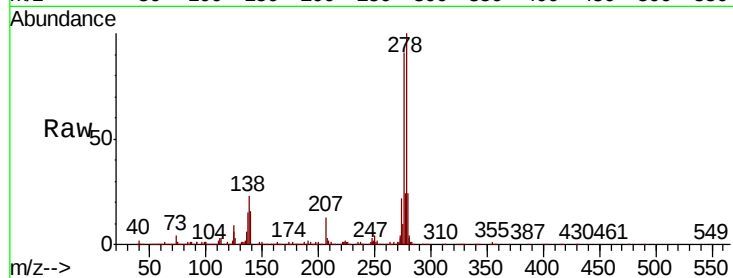
Tgt Ion:278 Resp: 2188777

Ion Ratio Lower Upper

278 100

139 15.6 12.3 18.5

279 23.7 18.9 28.3

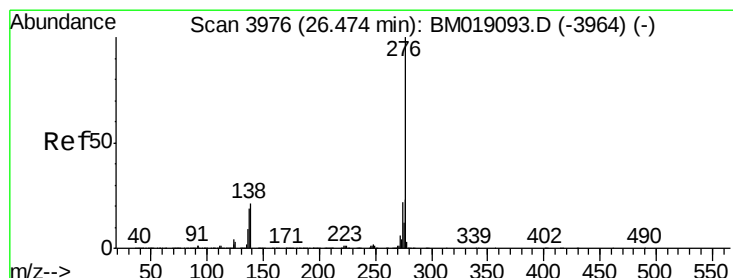
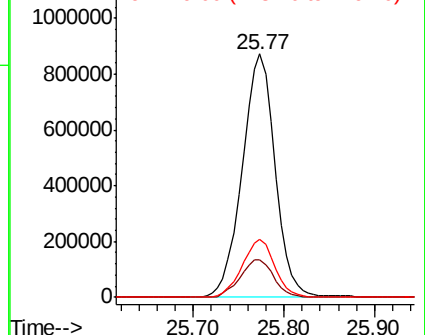
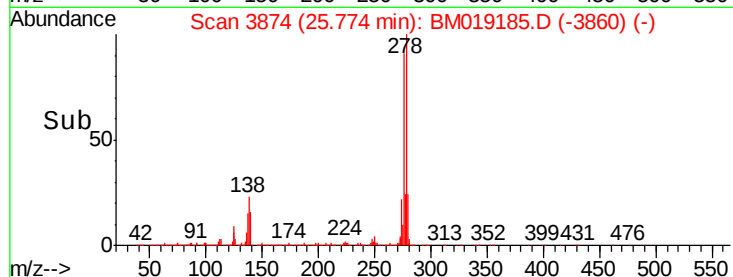


Abundance

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: 35.176 ng

RT: 26.46 min Scan# 3990

Delta R.T. -0.02 min

Lab File: BM019185.D

Acq: 15 Mar 2019 14:23

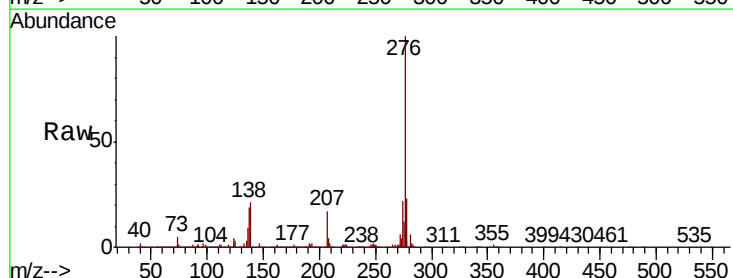
Tgt Ion:276 Resp: 2051030

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 21.4 17.0 25.4



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

