

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031819\
 Data File : BM019216.D
 Acq On : 18 Mar 2019 15:27
 Operator : JU/SJ
 Sample : PB118000BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB118000BS

Quant Time: Mar 19 04:12:43 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	233257	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	1033985	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	601437	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1259536	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1031358	20.00	ng	-0.01
87) Perylene-d12	23.49	264	911770	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	2041799	141.76	ng	0.00
7) Phenol-d6	6.84	99	2886351	137.00	ng	0.00
23) Nitrobenzene-d5	8.82	82	1709807	78.17	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1132209	127.50	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3619453	78.28	ng	-0.02
79) Terphenyl-d14	19.70	244	5001627	96.27	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.22	88	204792	31.962 ng	98
3) Pyridine	3.61	79	491273	28.182 ng	99
4) n-Nitrosodimethylamine	3.53	42	182606	33.696 ng	95
6) Aniline	7.00	93	876558	32.226 ng	99
8) 2-Chlorophenol	7.22	128	718049	41.486 ng	99
9) Benzaldehyde	6.81	77	363031	27.395 ng	99
10) Phenol	6.86	94	963816	42.449 ng	99
11) bis(2-Chloroethyl)ether	7.09	93	640320	36.959 ng	98
12) 1,3-Dichlorobenzene	7.53	146	656376	35.835 ng	100
13) 1,4-Dichlorobenzene	7.69	146	682621	36.554 ng	99
14) 1,2-Dichlorobenzene	8.00	146	671359	36.952 ng	99
15) Benzyl Alcohol	7.90	79	678196	38.895 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	639202	36.133 ng	99
17) 2-Methylphenol	8.10	107	619767	41.889 ng	99
18) Hexachloroethane	8.70	117	247297	35.639 ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	624764	36.147 ng	99
20) 3+4-Methylphenols	8.43	107	834043	41.529 ng	99
22) Acetophenone	8.48	105	1036784	36.283 ng	# 99
24) Nitrobenzene	8.86	77	884302	38.872 ng	99
25) Isophorone	9.38	82	1557621	37.318 ng	100
26) 2-Nitrophenol	9.56	139	382730	40.587 ng	98
27) 2,4-Dimethylphenol	9.62	122	656471	46.828 ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	939394	38.010 ng	99
29) 2,4-Dichlorophenol	10.09	162	673517	43.380 ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	693342	39.604 ng	100
31) Naphthalene	10.49	128	2102856	38.586 ng	100
32) Benzoic acid	9.80	122	369564	31.127 ng	96
33) 4-Chloroaniline	10.62	127	454963	20.365 ng	99
34) Hexachlorobutadiene	10.75	225	371694	36.997 ng	99
35) Caprolactam	11.44	113	159409	28.822 ng	97
36) 4-Chloro-3-methylphenol	11.74	107	755604	39.442 ng	98
37) 2-Methylnaphthalene	12.10	142	1574832	39.766 ng	100
38) 1-Methylnaphthalene	12.33	142	1495540	38.313 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	748380	39.337 ng	99

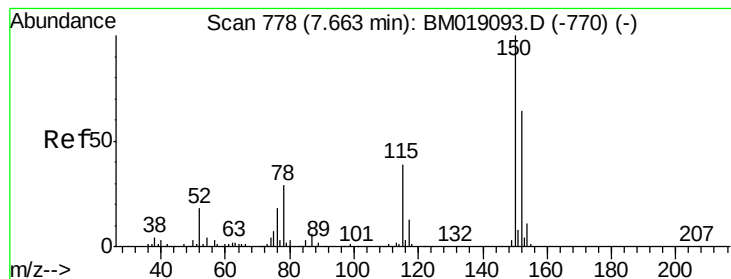
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031819\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	715179	82.991	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	536735	43.656	ng	100
44) 2,4,5-Trichlorophenol	12.80	196	555140	42.225	ng	99
46) 1,1'-Biphenyl	13.13	154	2038092	38.803	ng	98
47) 2-Chloronaphthalene	13.17	162	1571427	40.081	ng	99
48) 2-Nitroaniline	13.40	65	519011	39.473	ng	97
49) Acenaphthylene	14.03	152	2534897	38.239	ng	99
50) Dimethylphthalate	13.77	163	1950267	37.906	ng	99
51) 2,6-Dinitrotoluene	13.90	165	433564	38.982	ng	97
52) Acenaphthene	14.37	154	1459225	38.308	ng	100
53) 3-Nitroaniline	14.24	138	307110	26.071	ng	95
54) 2,4-Dinitrophenol	14.45	184	379409	58.740	ng	98
55) Dibenzofuran	14.71	168	2360362	38.424	ng	97
56) 4-Nitrophenol	14.56	139	641661	66.717	ng	97
57) 2,4-Dinitrotoluene	14.70	165	601238	37.241	ng	97
58) Fluorene	15.36	166	1931333	38.142	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	483925	39.538	ng	100
60) Diethylphthalate	15.14	149	1981291	38.023	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	959400	39.012	ng	97
62) 4-Nitroaniline	15.42	138	384674	32.404	ng	97
63) Azobenzene	15.65	77	2100190	38.302	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	279188	33.826	ng	99
66) n-Nitrosodiphenylamine	15.58	169	1657024	41.323	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	564995	40.678	ng	97
68) Hexachlorobenzene	16.35	284	659001	39.908	ng	98
69) Atrazine	16.54	200	526774	39.025	ng	99
70) Pentachlorophenol	16.71	266	740524	74.433	ng	99
71) Phenanthrene	17.10	178	2855133	38.674	ng	100
72) Anthracene	17.19	178	2913103	40.307	ng	100
73) Carbazole	17.47	167	2538275	37.211	ng	99
74) Di-n-butylphthalate	18.03	149	3327584	40.341	ng	100
75) Fluoranthene	19.13	202	3040434	35.891	ng	99
77) Benzidine	19.33	184	1381258	47.223	ng	99
78) Pyrene	19.49	202	3057752	46.858	ng	99
80) Butylbenzylphthalate	20.40	149	1471014	51.756	ng	100
81) Benzo(a)anthracene	21.24	228	2509975	38.792	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	729802	29.279	ng	99
83) Chrysene	21.30	228	2358903	37.684	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2147697	51.940	ng	# 98
85) Di-n-octyl phthalate	22.04	149	3366796	48.354	ng	100
86) Indeno(1,2,3-cd)pyrene	25.76	276	2682826	39.814	ng	100
88) Benzo(b)fluoranthene	22.82	252	2328432	39.411	ng	100
89) Benzo(k)fluoranthene	22.87	252	2238902	41.201	ng	99
90) Benzo(a)pyrene	23.40	252	2194641	41.335	ng	100
91) Dibenzo(a,h)anthracene	25.76	278	2299893	45.283	ng	100
92) Benzo(g,h,i)perylene	26.45	276	2192199	47.013	ng	99

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

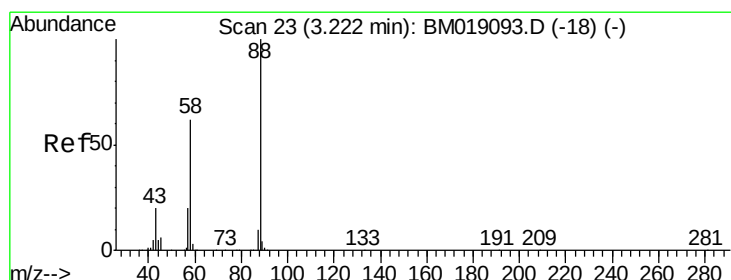
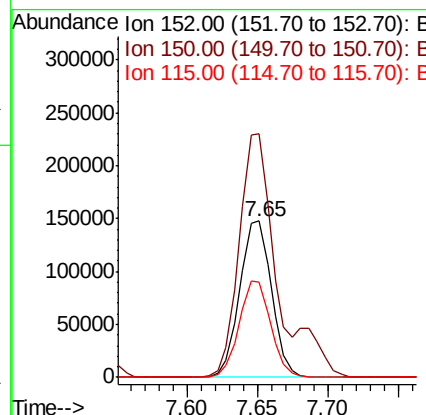
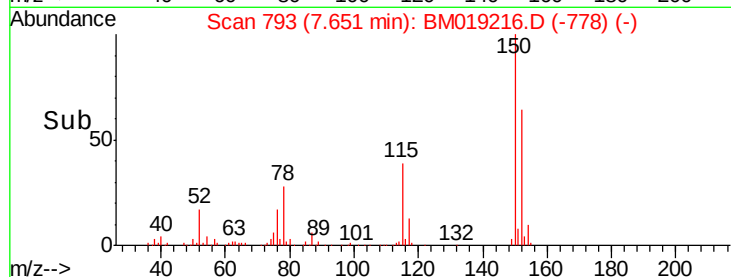
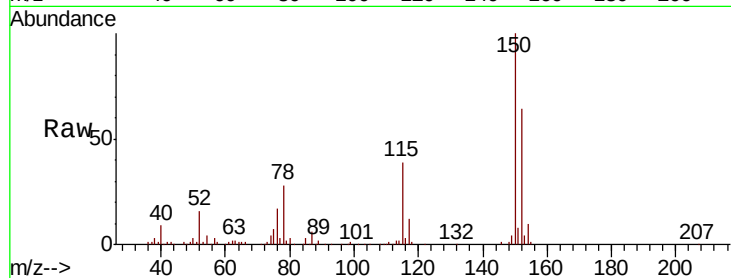


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

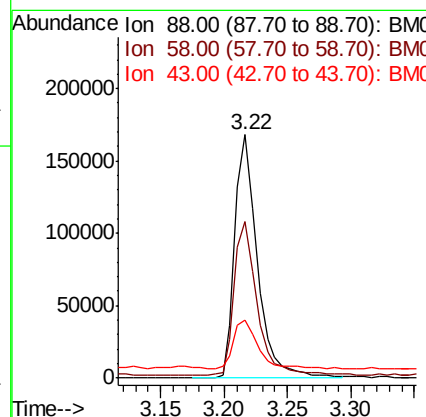
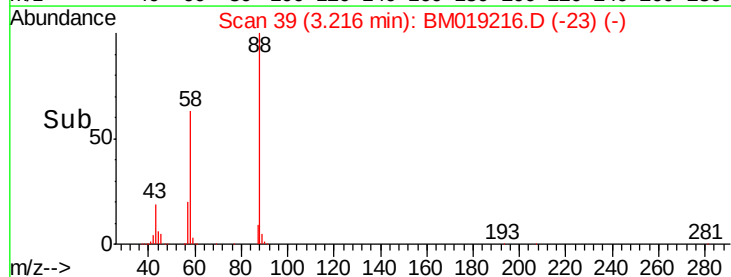
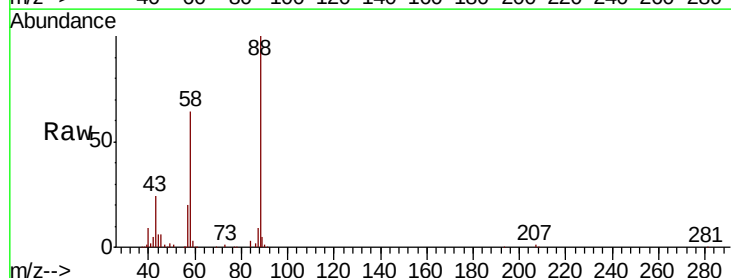
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.3	187.9
115	60.9	49.4	74.0

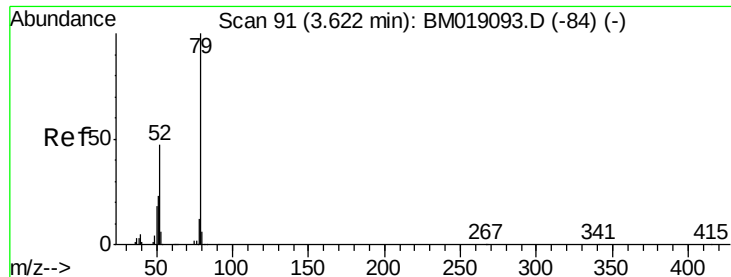


#2

1,4-Dioxane
Concen: 31.962 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.9	50.0	75.0
43	21.6	17.0	25.4





#3

Pyridine

Concen: 28.182 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

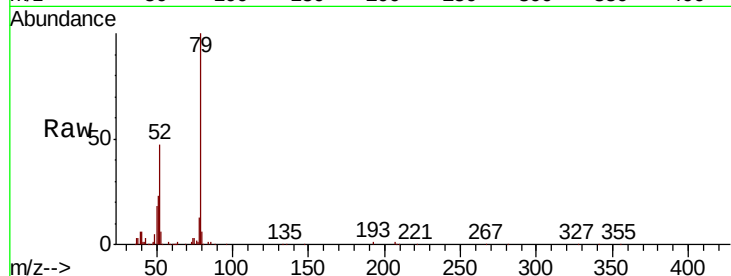
Tgt Ion: 79 Resp: 491273

Ion Ratio Lower Upper

79 100

52 46.8 37.5 56.3

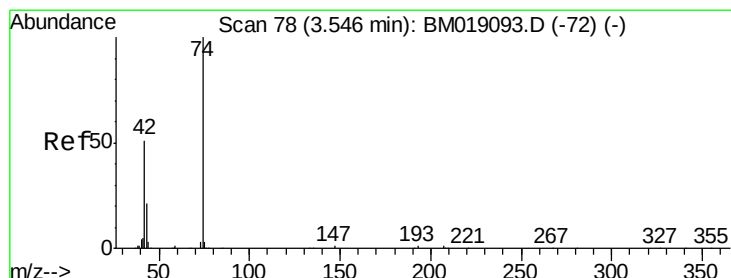
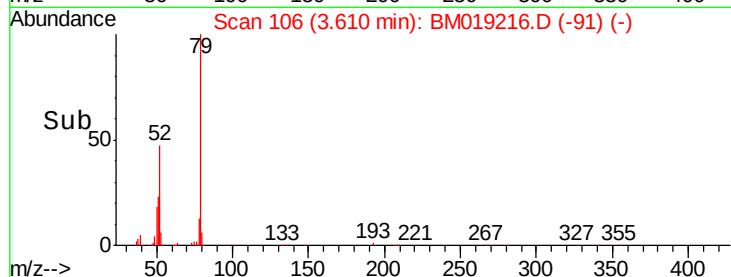
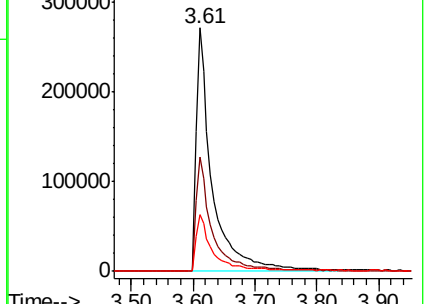
51 23.4 19.2 28.8



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) (-)



#4

n-Nitrosodimethylamine

Concen: 33.696 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

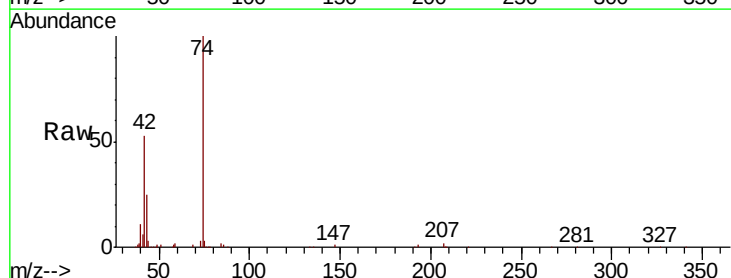
Tgt Ion: 42 Resp: 182606

Ion Ratio Lower Upper

42 100

74 187.6 156.3 234.5

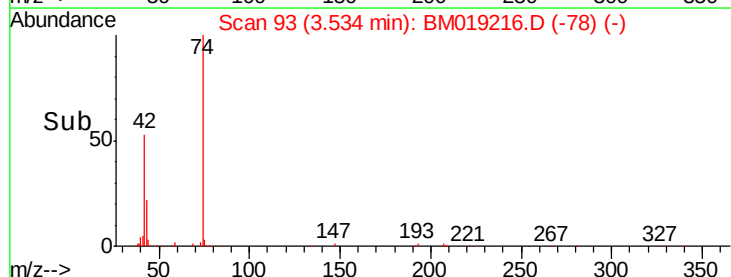
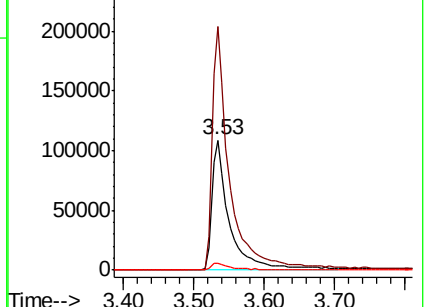
44 5.7 4.6 7.0

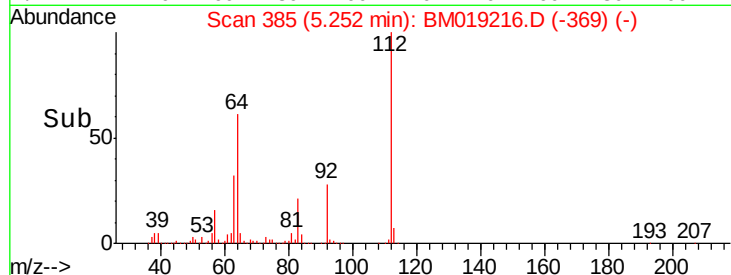
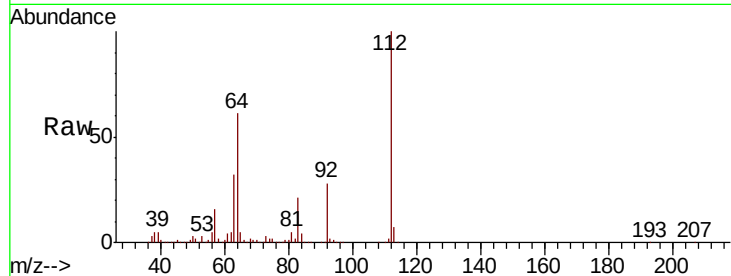
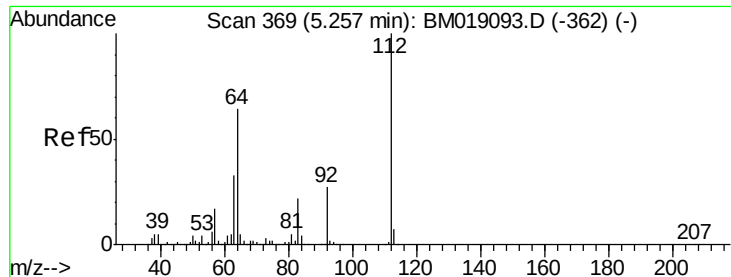


Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)

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

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





#5

2-Fluorophenol

Concen: 141.760 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

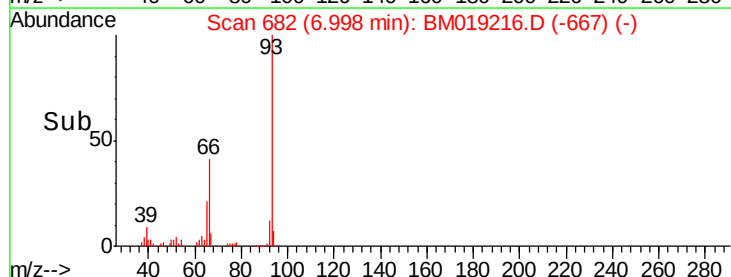
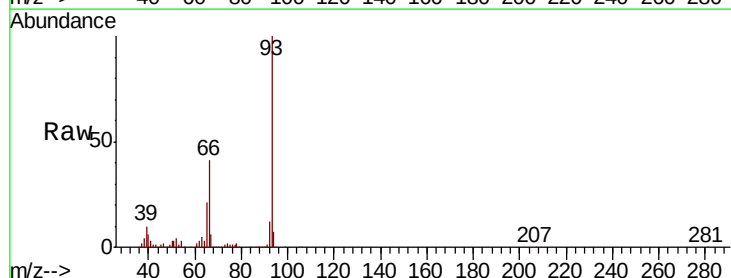
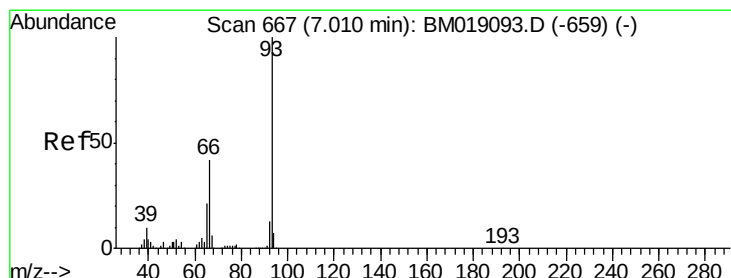
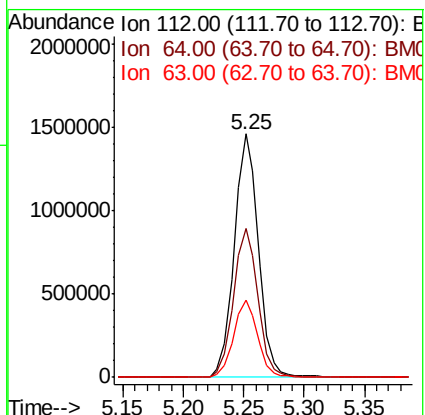
Tgt Ion:112 Resp: 2041799

Ion Ratio Lower Upper

112 100

64 61.4 51.4 77.0

63 31.6 26.6 40.0



#6

Aniline

Concen: 32.226 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

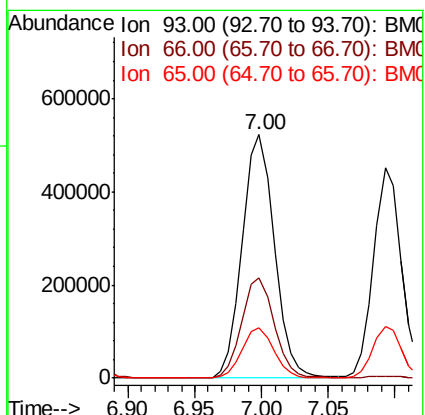
Tgt Ion: 93 Resp: 876558

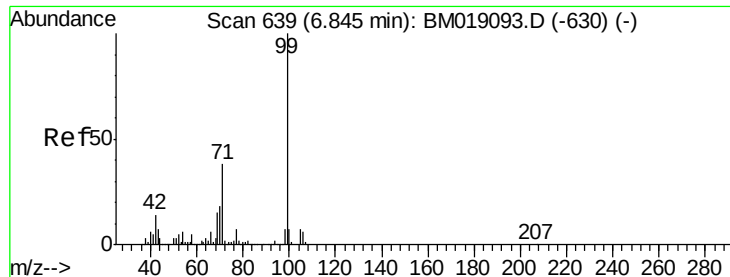
Ion Ratio Lower Upper

93 100

66 41.0 33.4 50.2

65 20.8 16.8 25.2





#7

Phenol-d6

Concen: 137.004 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

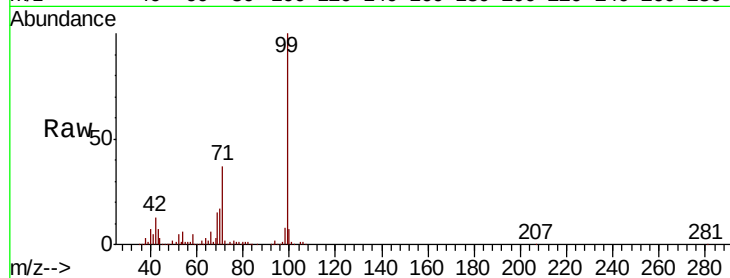
Tgt Ion: 99 Resp: 2886351

Ion Ratio Lower Upper

99 100

42 13.4 10.9 16.3

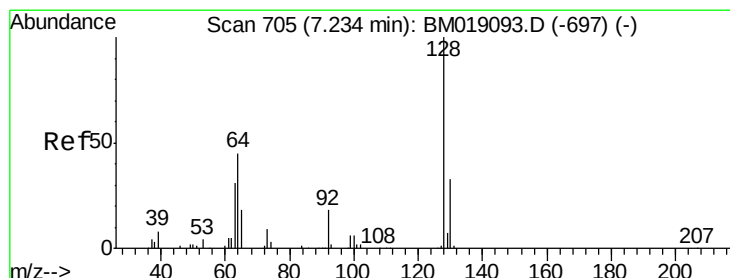
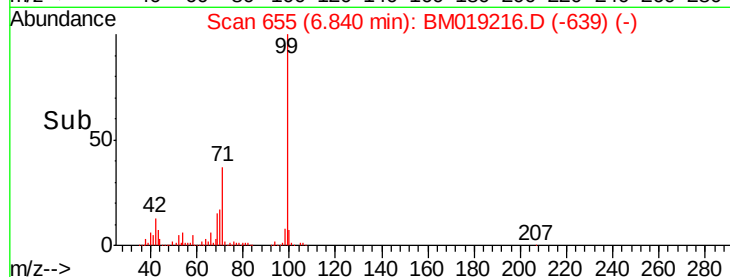
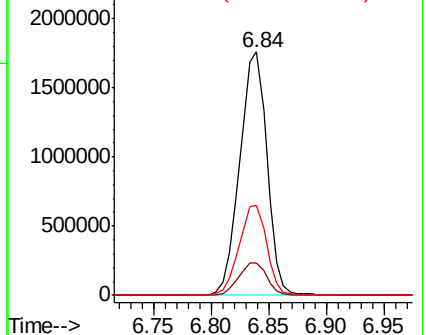
71 37.1 30.3 45.5



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: 41.486 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

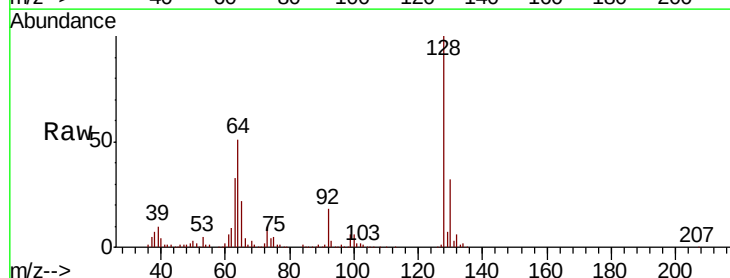
Tgt Ion: 128 Resp: 718049

Ion Ratio Lower Upper

128 100

130 32.0 12.8 52.8

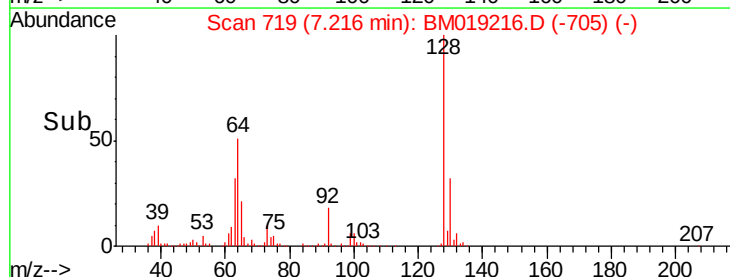
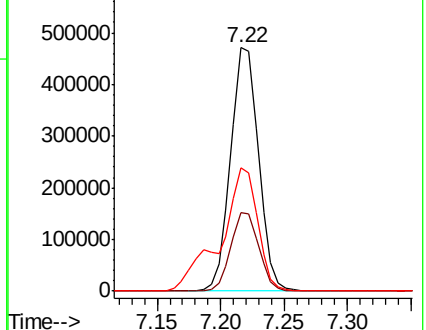
64 50.8 30.8 70.8

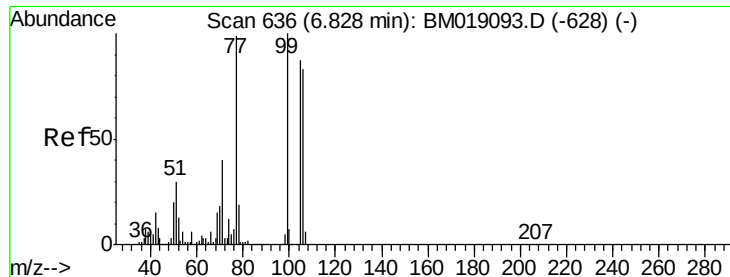


Abundance Ion 128.00 (127.70 to 128.70): BM019093.D (-697) (-)

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: 27.395 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampled :

PB118000BS

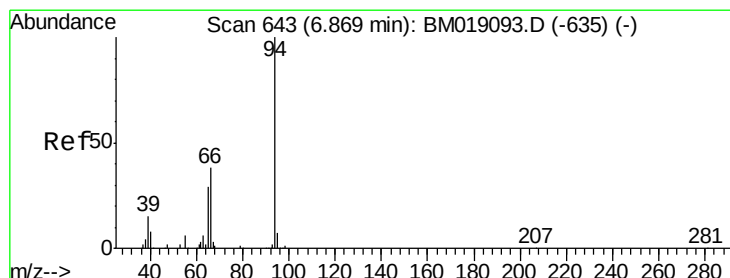
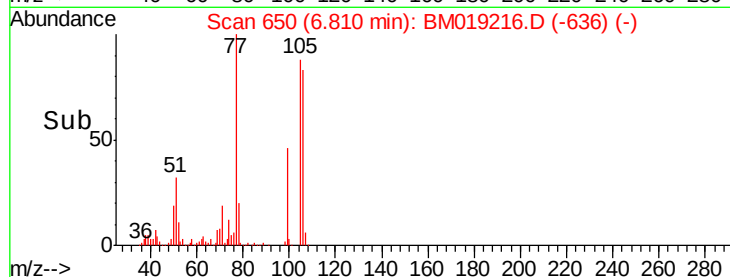
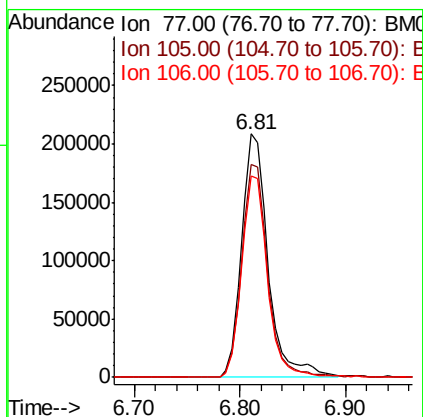
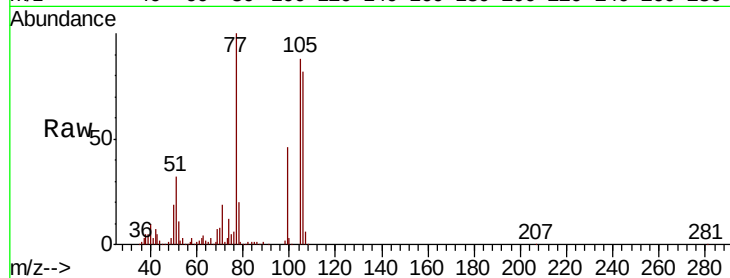
Tgt Ion: 77 Resp: 363031

Ion Ratio Lower Upper

77 100

105 87.5 67.7 107.7

106 82.5 64.1 104.1



#10

Phenol

Concen: 42.449 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

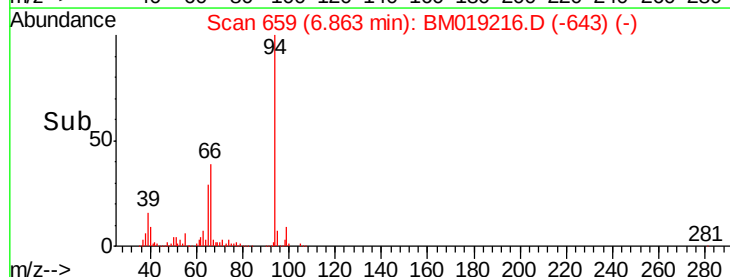
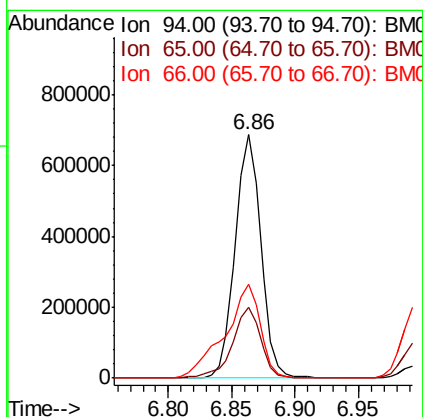
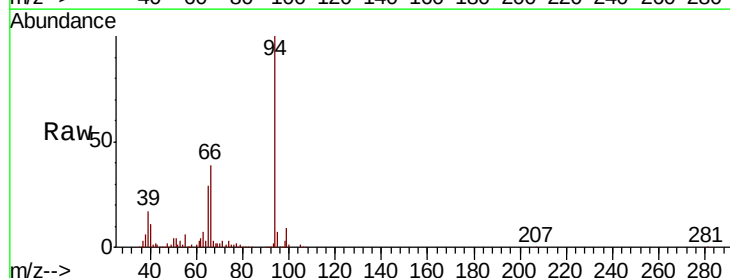
Tgt Ion: 94 Resp: 963816

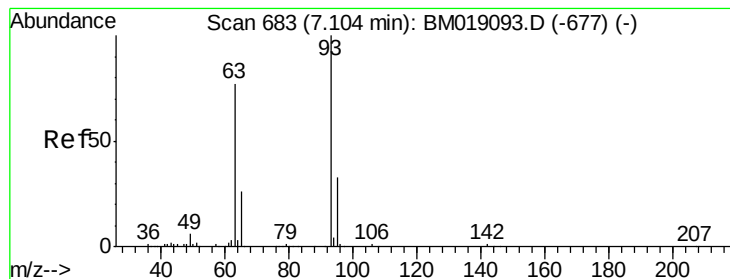
Ion Ratio Lower Upper

94 100

65 29.2 9.7 49.7

66 38.7 19.2 59.2





#11

bis(2-Chloroethyl)ether

Concen: 36.959 ng

RT: 7.09 min Scan# 698

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

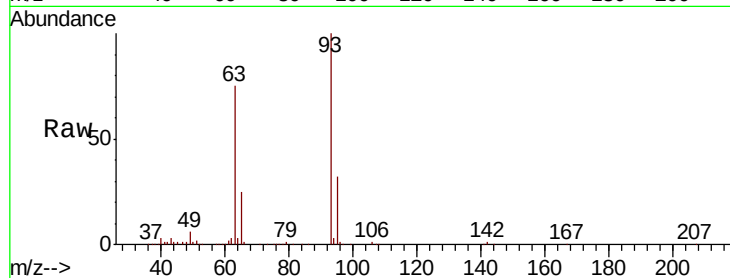
Tgt Ion: 93 Resp: 640320

Ion Ratio Lower Upper

93 100

63 75.1 56.6 96.6

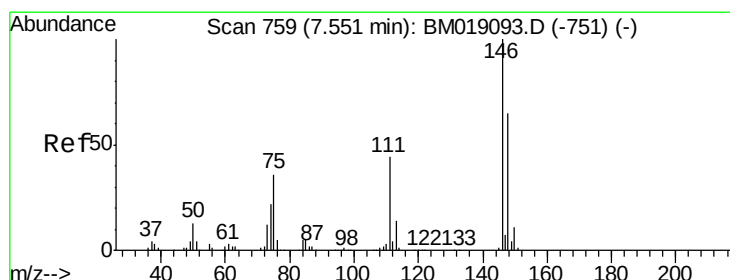
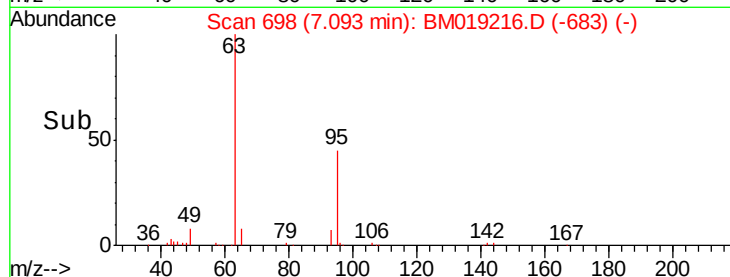
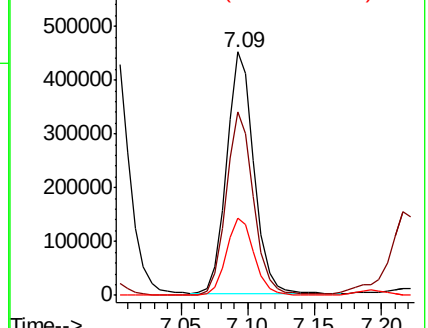
95 31.8 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BM019093.D (-677) (-)

Ion 63.00 (62.70 to 63.70): BM019093.D (-677) (-)

Ion 95.00 (94.70 to 95.70): BM019093.D (-677) (-)



#12

1,3-Dichlorobenzene

Concen: 35.835 ng

RT: 7.53 min Scan# 773

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

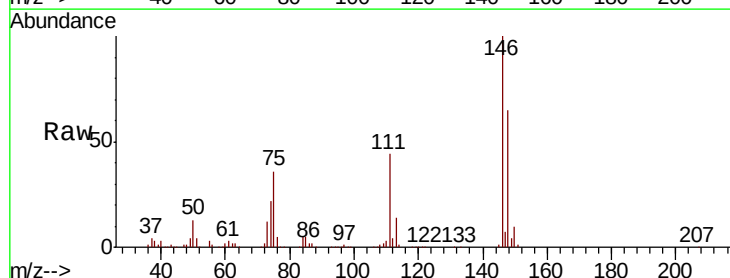
Tgt Ion: 146 Resp: 656376

Ion Ratio Lower Upper

146 100

148 64.7 51.7 77.5

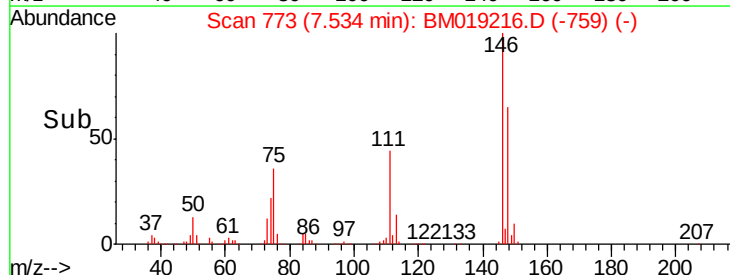
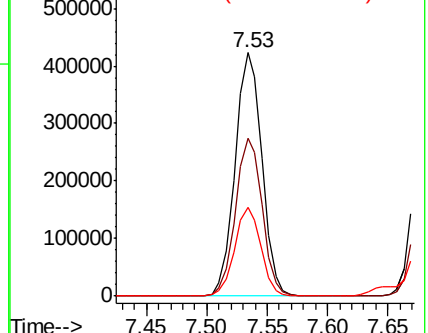
75 36.4 29.1 43.7

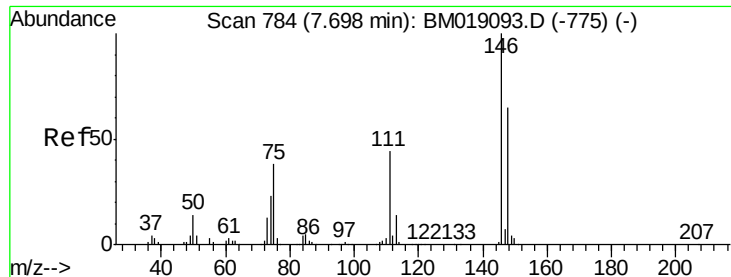


Abundance Ion 146.00 (145.70 to 146.70): BM019093.D (-751) (-)

Ion 148.00 (147.70 to 148.70): BM019093.D (-751) (-)

Ion 75.00 (74.70 to 75.70): BM019093.D (-751) (-)

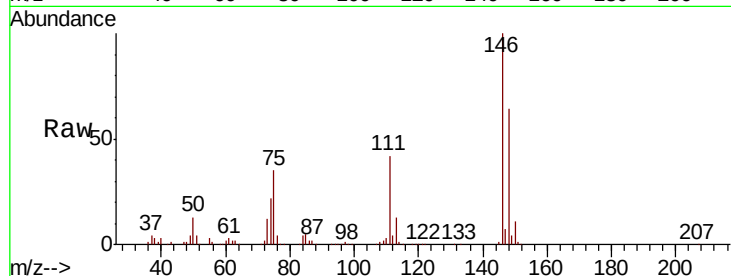




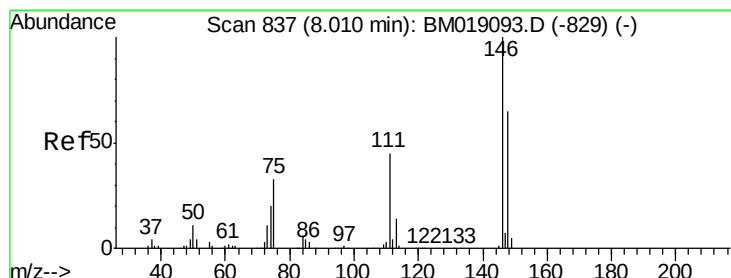
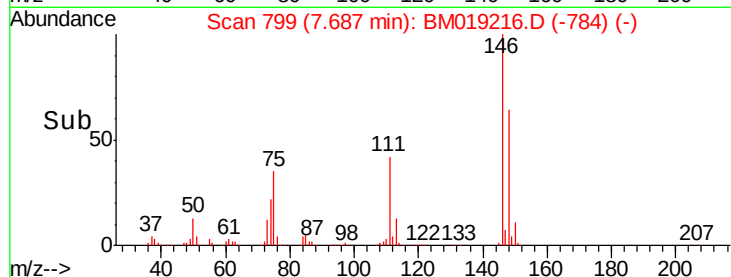
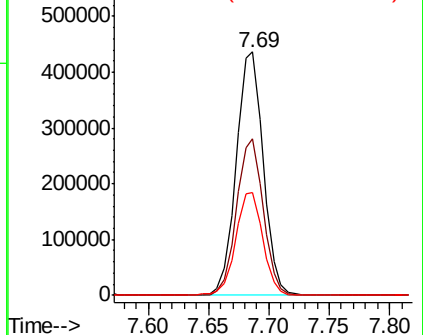
#13
 1,4-Dichlorobenzene
 Concen: 36.554 ng
 RT: 7.69 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Instrument :
 BNA_M
 ClientSampleId :
 PB118000BS

Tgt Ion:146 Resp: 682621
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.6
 111 42.4 35.4 53.0

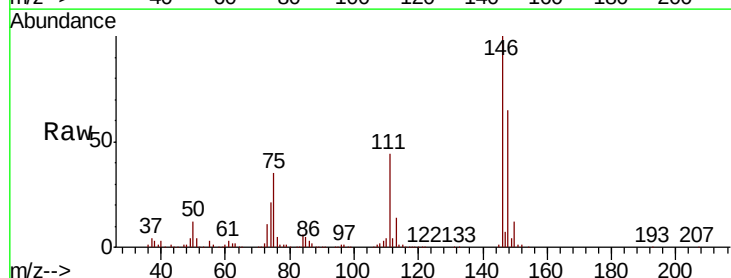


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

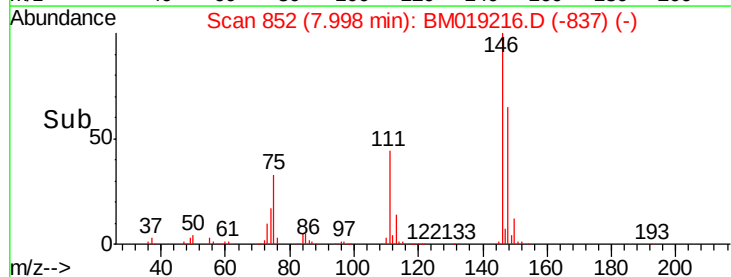
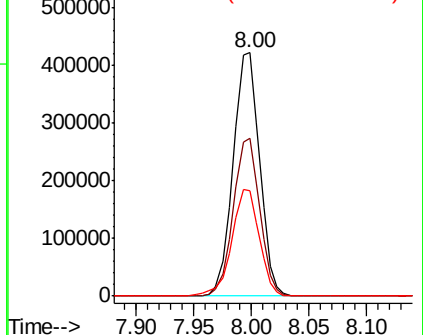


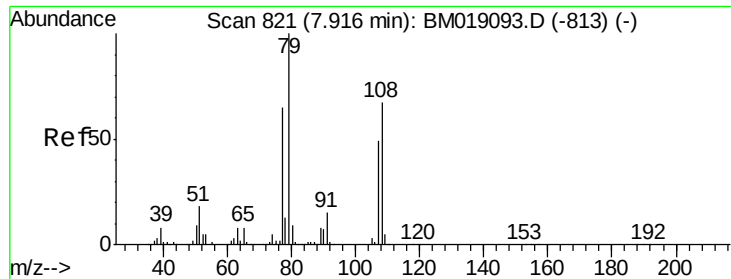
#14
 1,2-Dichlorobenzene
 Concen: 36.952 ng
 RT: 8.00 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Tgt Ion:146 Resp: 671359
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.6
 111 43.5 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

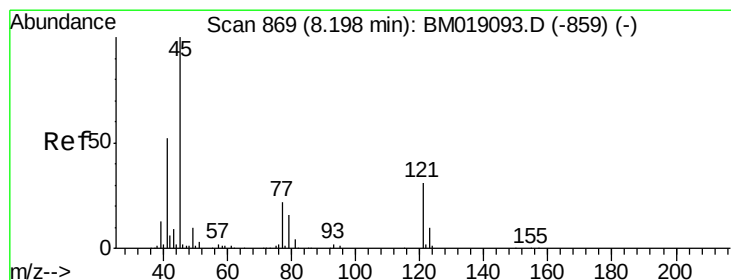
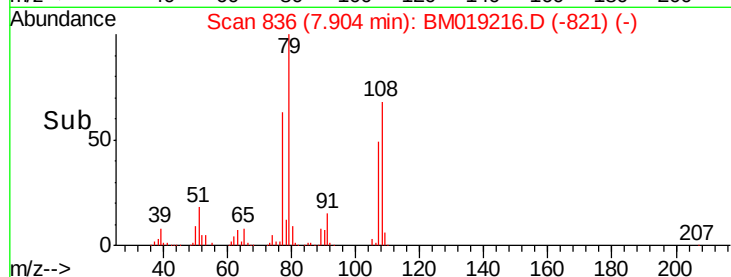
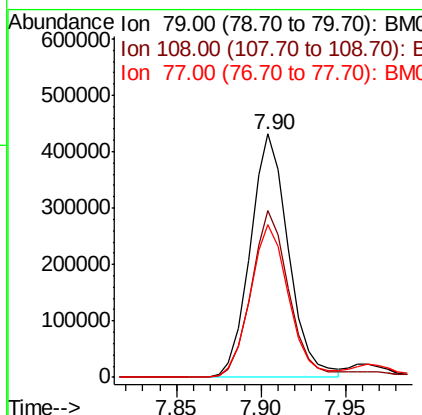
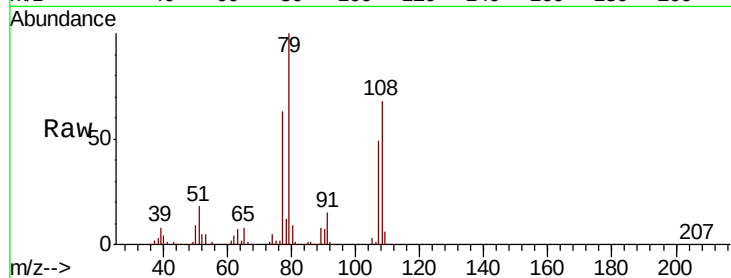




#15
Benzyl Alcohol
Concen: 38.895 ng
RT: 7.90 min Scan# 836
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

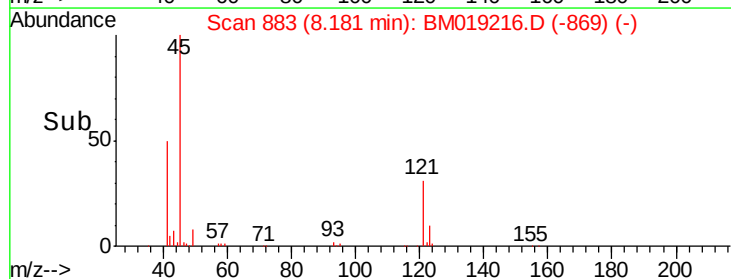
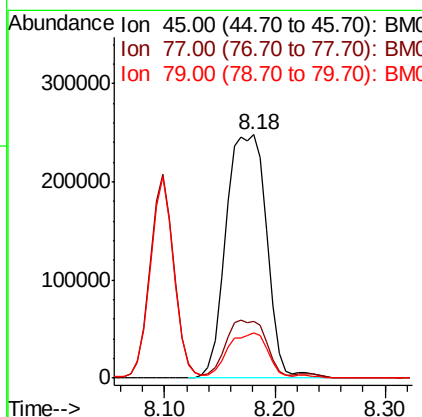
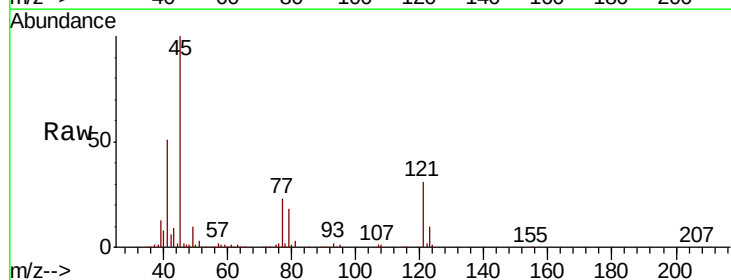
Instrument :
BNA_M
ClientSampleId :
PB118000BS

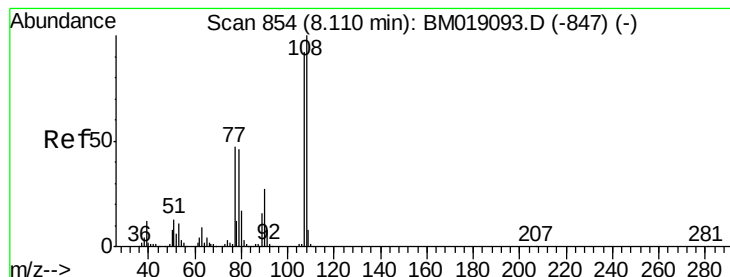
Tgt Ion: 79 Resp: 678196
Ion Ratio Lower Upper
79 100
108 68.4 53.7 80.5
77 63.0 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.133 ng
RT: 8.18 min Scan# 883
Delta R.T. -0.02 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion: 45 Resp: 639202
Ion Ratio Lower Upper
45 100
77 23.1 4.1 44.1
79 18.4 0.0 38.1





#17

2-Methylphenol

Concen: 41.889 ng

RT: 8.10 min Scan# 869

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

Tgt Ion:107 Resp: 619767

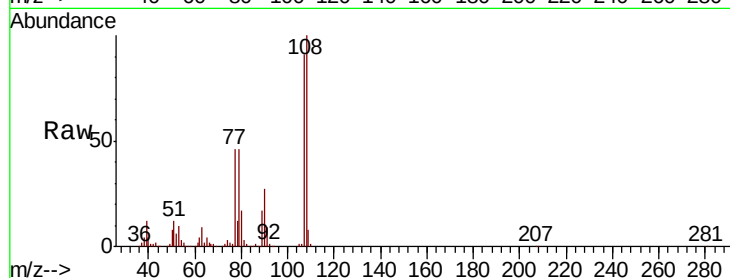
Ion Ratio Lower Upper

107 100

108 109.5 87.4 131.2

77 50.9 41.6 62.4

79 50.1 40.6 60.8

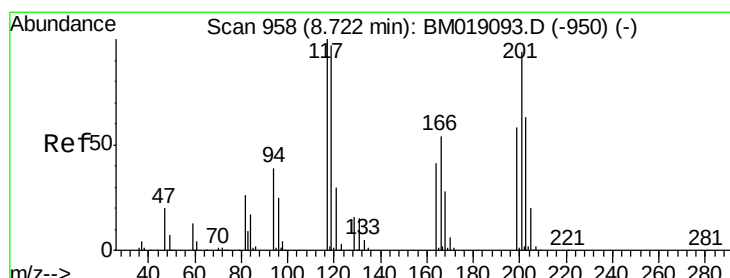
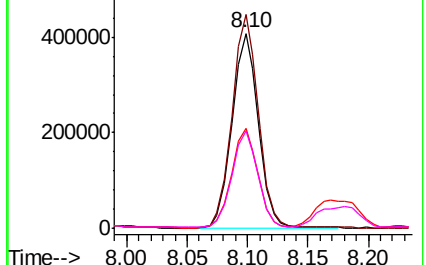
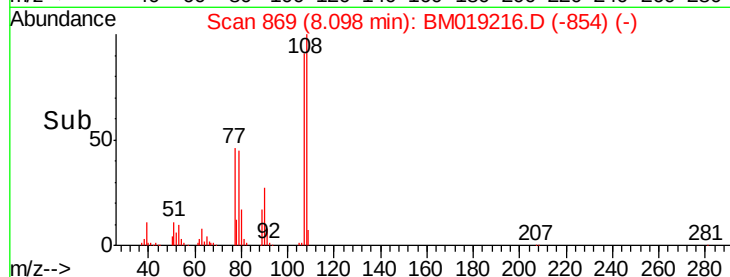


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.639 ng

RT: 8.70 min Scan# 972

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

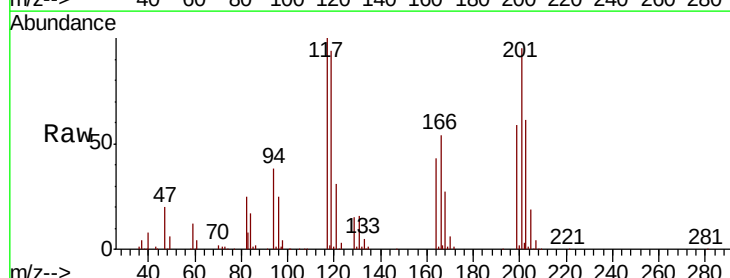
Tgt Ion:117 Resp: 247297

Ion Ratio Lower Upper

117 100

119 94.4 77.4 116.2

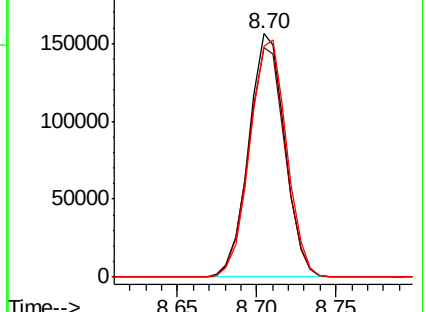
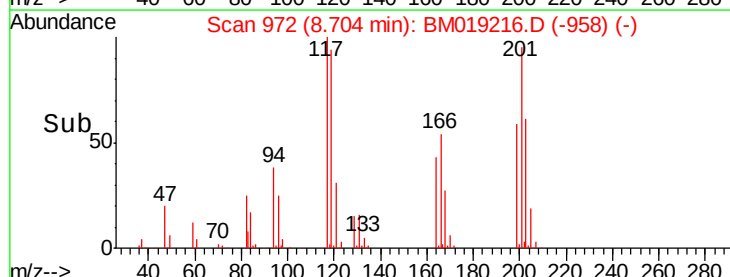
201 95.0 75.2 112.8

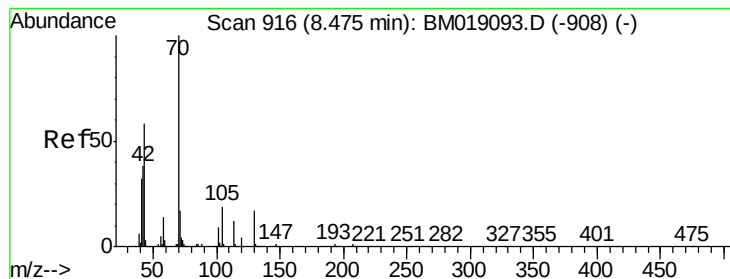


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.147 ng

RT: 8.46 min Scan# 931

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

Tgt Ion: 70 Resp: 624764

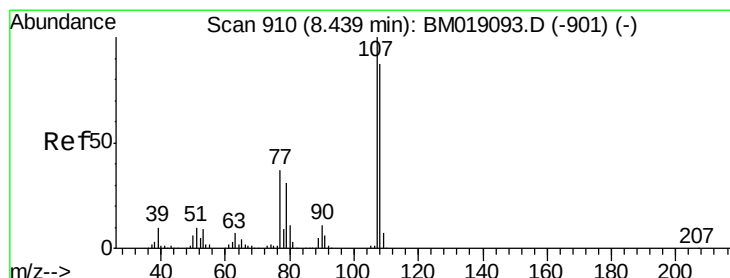
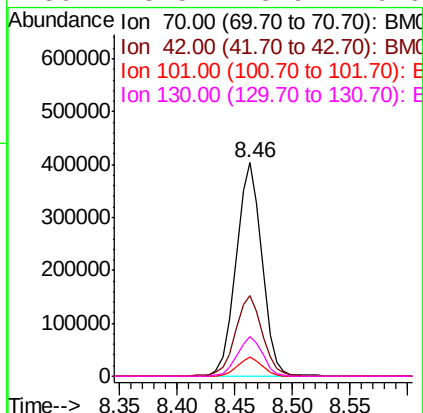
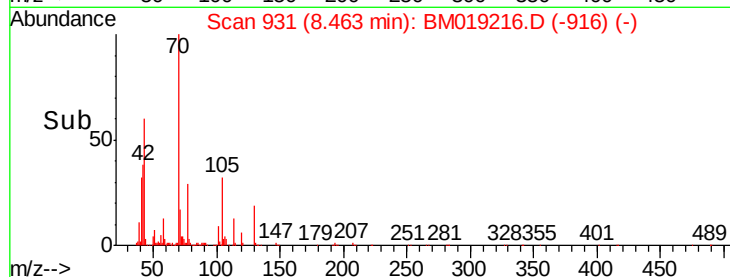
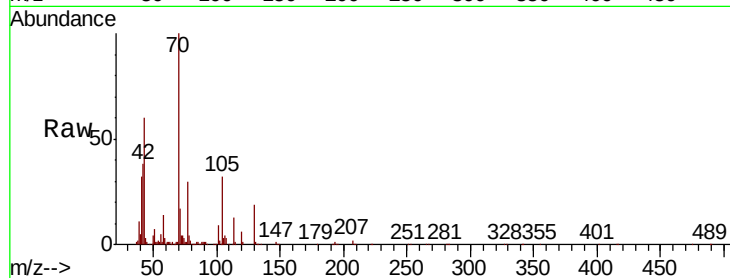
Ion Ratio Lower Upper

70 100

42 37.7 30.6 45.8

101 8.7 6.8 10.2

130 18.5 13.9 20.9



#20

3+4-Methylphenols

Concen: 41.529 ng

RT: 8.43 min Scan# 925

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Tgt Ion: 107 Resp: 834043

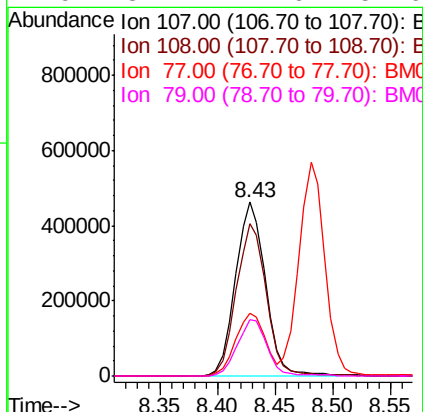
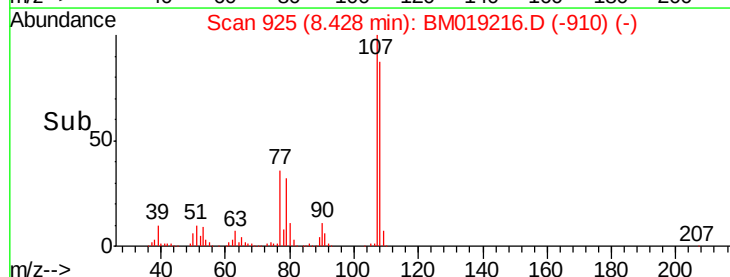
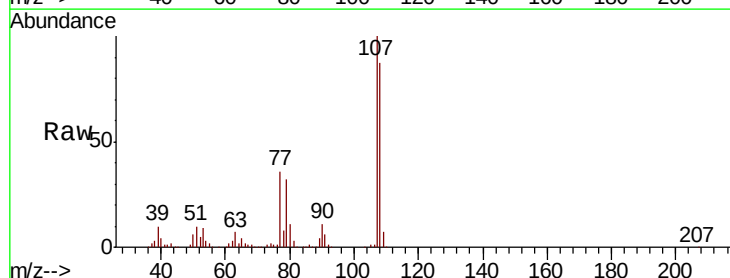
Ion Ratio Lower Upper

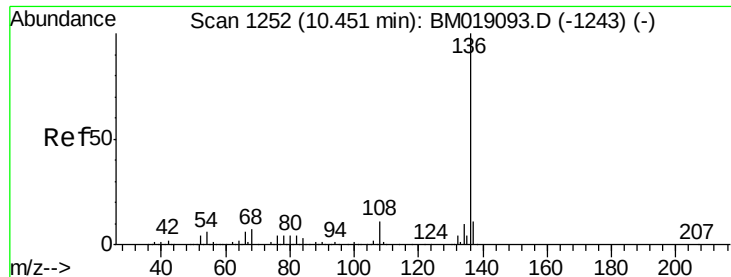
107 100

108 87.5 67.0 107.0

77 36.0 17.3 57.3

79 32.4 11.6 51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

Tgt Ion:136 Resp: 1033985

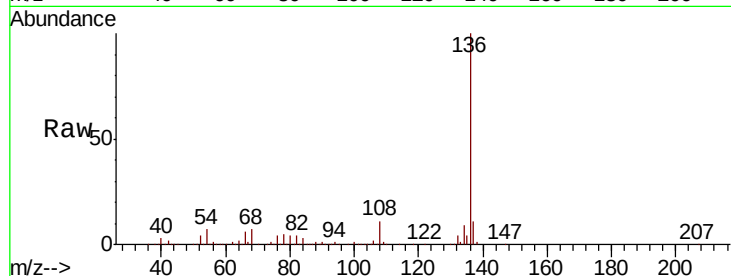
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 6.7 5.2 7.8

68 7.2 5.8 8.8

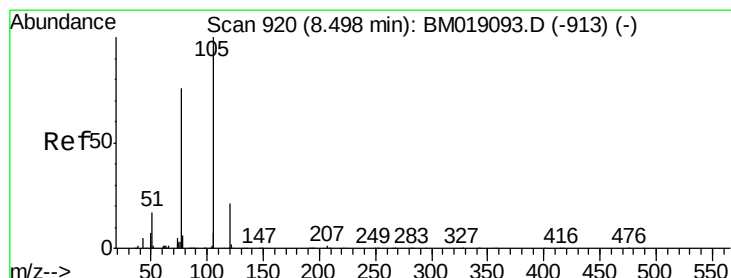
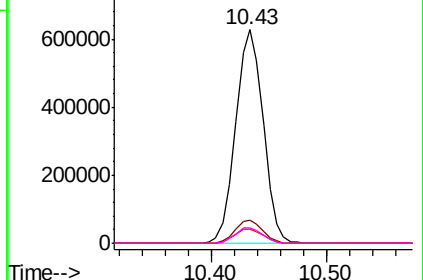
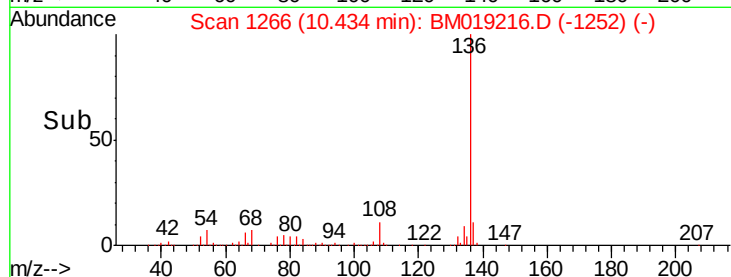


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 36.283 ng

RT: 8.48 min Scan# 934

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Tgt Ion:105 Resp: 1036784

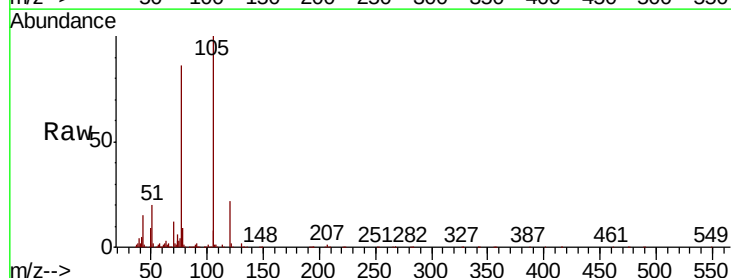
Ion Ratio Lower Upper

105 100

71 2.0 0.8 1.2#

51 19.8 15.8 23.6

120 21.6 17.0 25.4

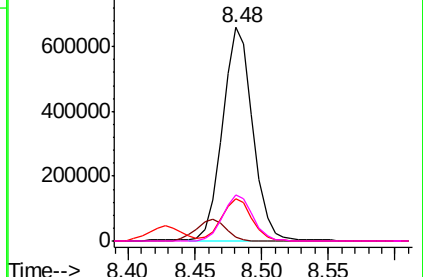
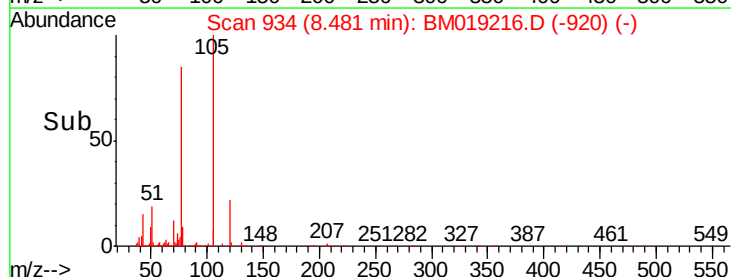


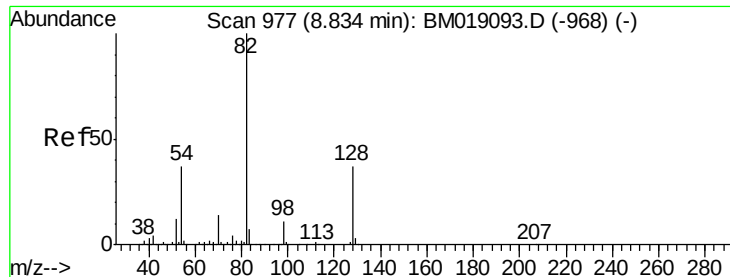
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 78.166 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

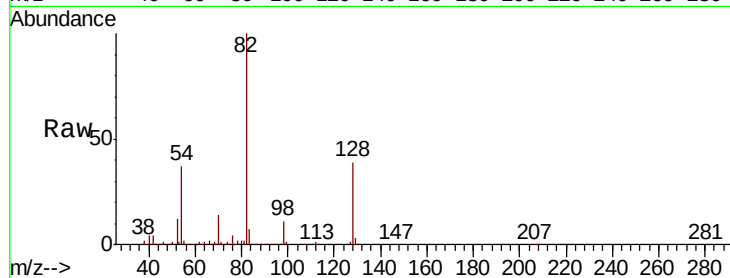
Tgt Ion: 82 Resp: 1709807

Ion Ratio Lower Upper

82 100

128 38.7 29.4 44.2

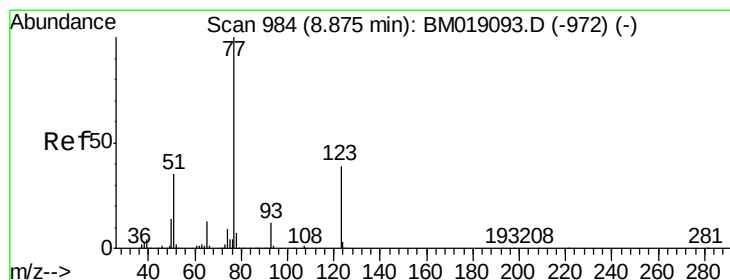
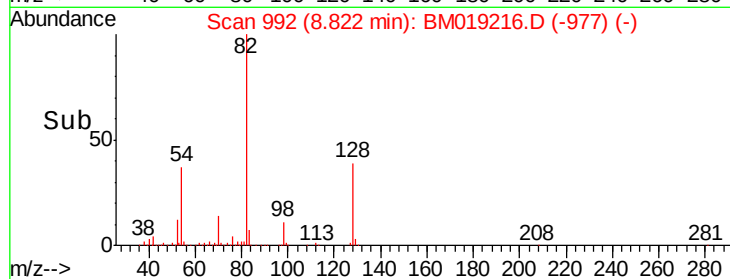
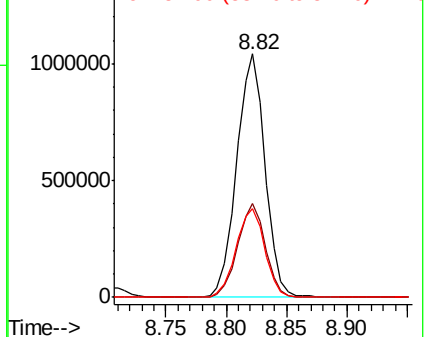
54 36.7 29.9 44.9



Abundance Ion 82.00 (81.70 to 82.70): BM019216.D (-977) (-)

Ion 128.00 (127.70 to 128.70): BM019216.D (-977) (-)

Ion 54.00 (53.70 to 54.70): BM019216.D (-977) (-)



#24

Nitrobenzene

Concen: 38.872 ng

RT: 8.86 min Scan# 999

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

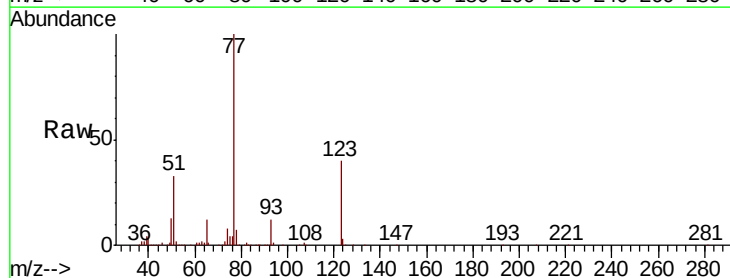
Tgt Ion: 77 Resp: 884302

Ion Ratio Lower Upper

77 100

123 39.6 31.3 46.9

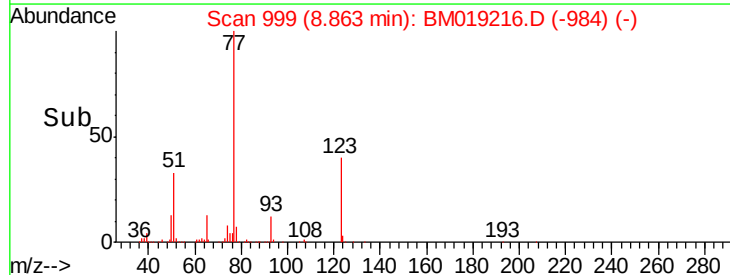
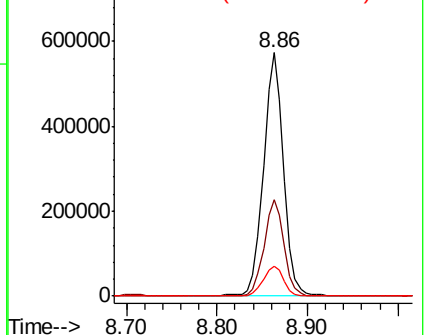
65 12.5 10.5 15.7

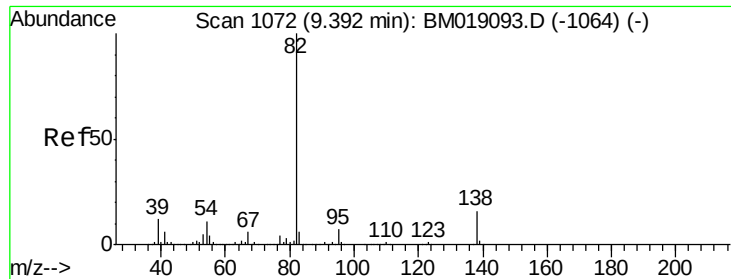


Abundance Ion 77.00 (76.70 to 77.70): BM019216.D (-984) (-)

Ion 123.00 (122.70 to 123.70): BM019216.D (-984) (-)

Ion 65.00 (64.70 to 65.70): BM019216.D (-984) (-)

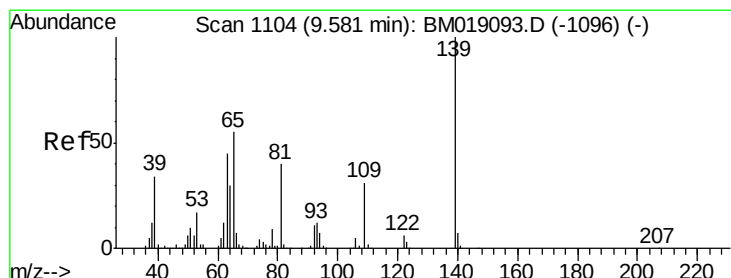
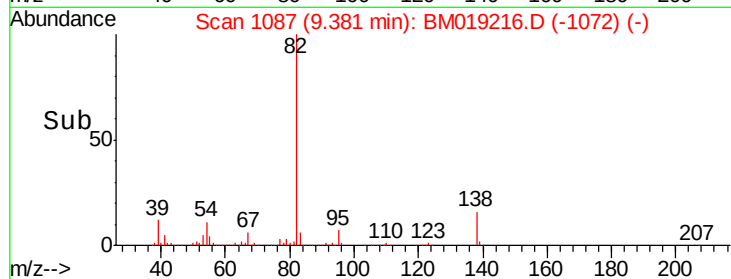
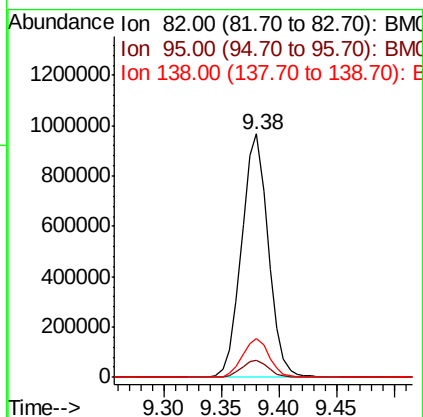
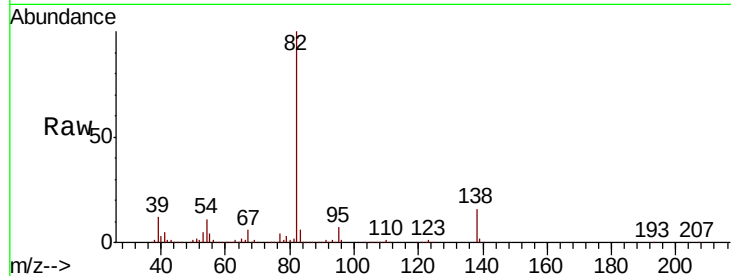




#25
Isophorone
Concen: 37.318 ng
RT: 9.38 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

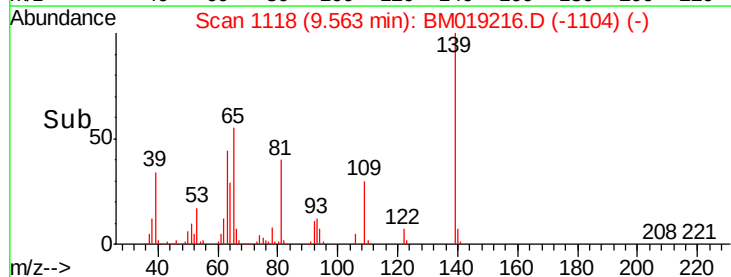
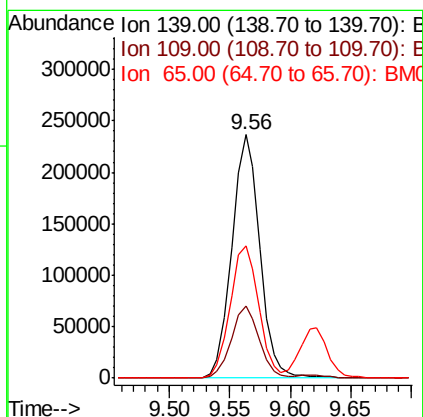
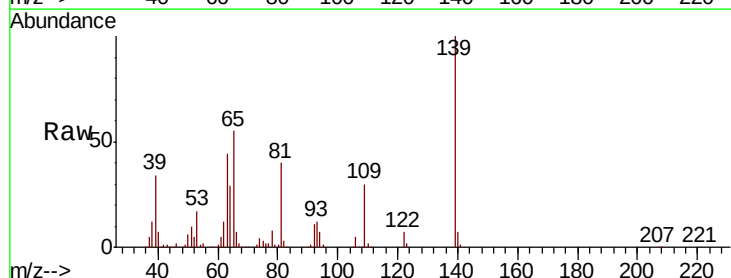
Instrument :
BNA_M
ClientSampleId :
PB118000BS

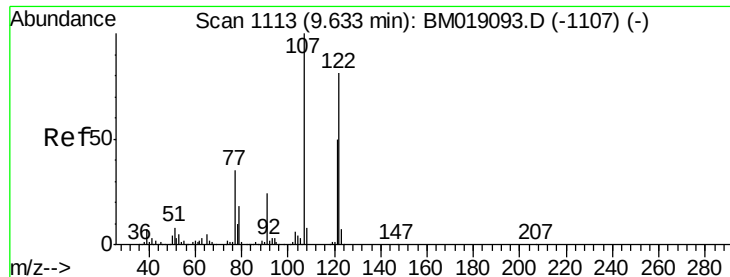
Tgt Ion: 82 Resp: 1557621
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 15.7 12.6 18.8



#26
2-Nitrophenol
Concen: 40.587 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion: 139 Resp: 382730
Ion Ratio Lower Upper
139 100
109 29.5 24.5 36.7
65 54.5 44.4 66.6

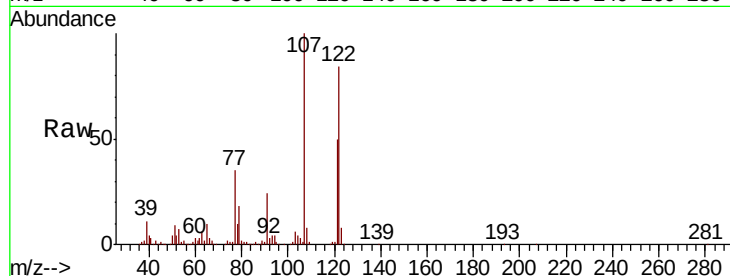




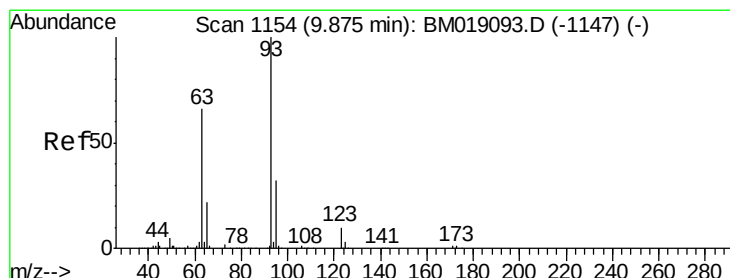
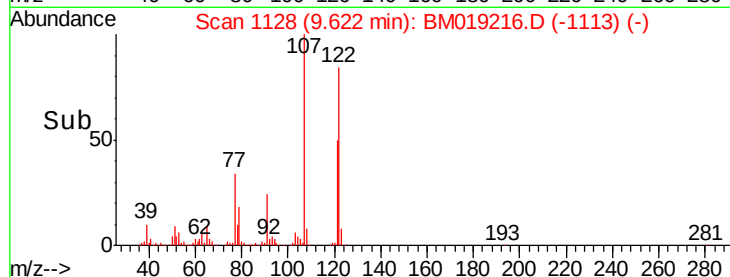
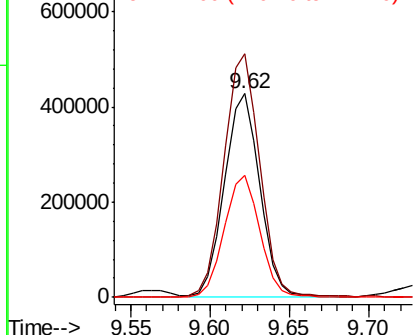
#27
2,4-Dimethylphenol
Concen: 46.828 ng
RT: 9.62 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.6	98.2	147.4
121	59.8	48.8	73.2

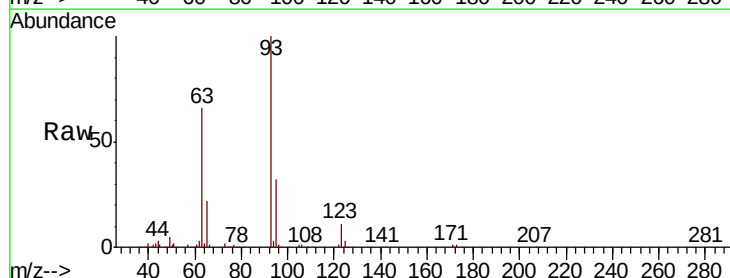


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

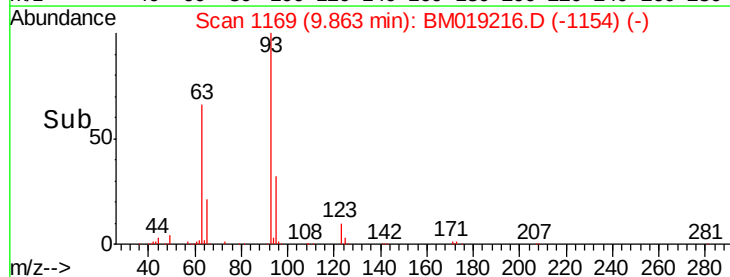
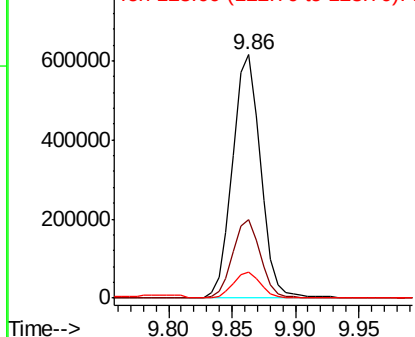


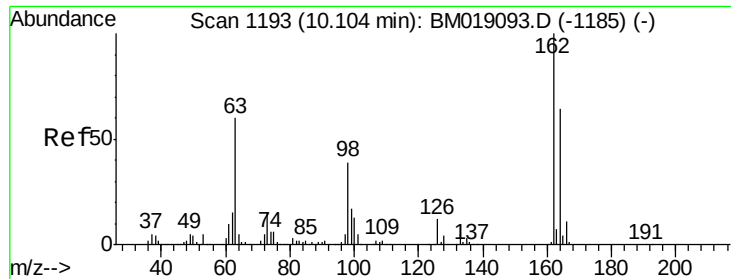
#28
bis(2-Chloroethoxy)methane
Concen: 38.010 ng
RT: 9.86 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.8	38.8
123	10.8	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

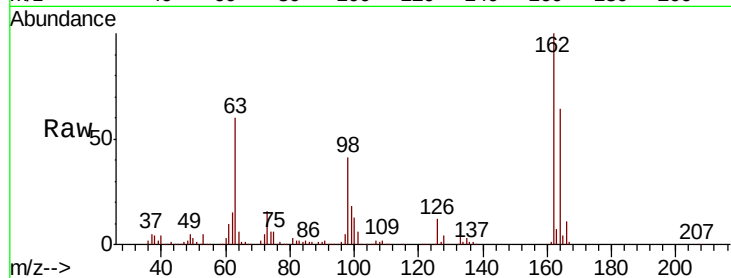




#29
2,4-Dichlorophenol
Concen: 43.380 ng
RT: 10.09 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.5	83.5
98	40.6	19.1	59.1

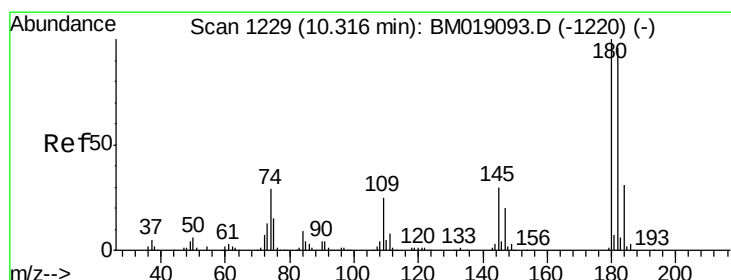
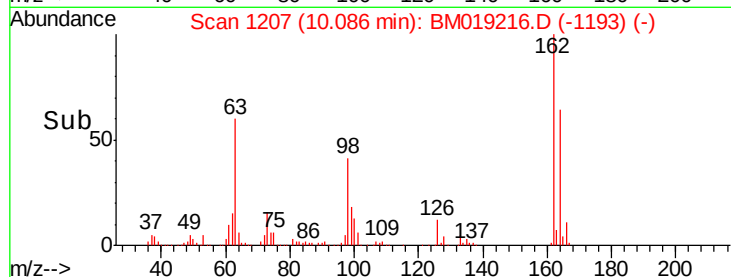
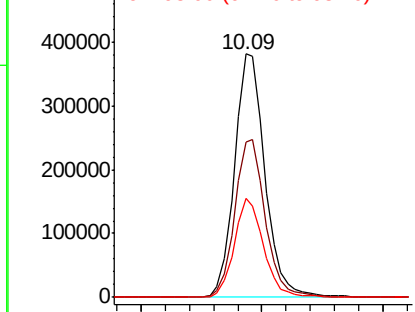


Abundance

Ion 162.00 (161.70 to 162.70): E

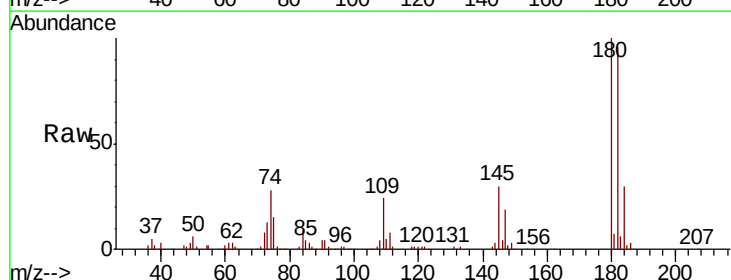
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 39.604 ng
RT: 10.30 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.6	114.8
145	29.9	24.3	36.5

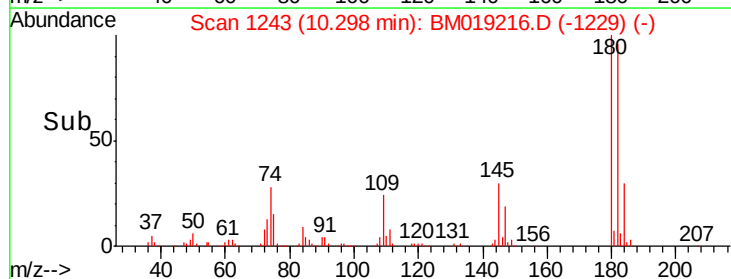
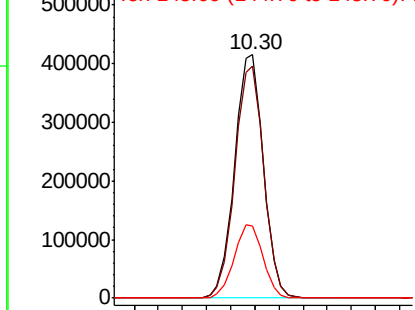


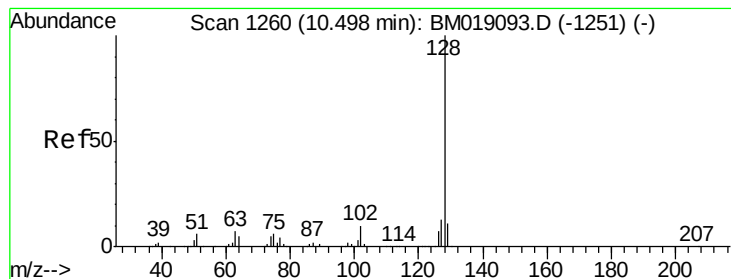
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.586 ng

RT: 10.49 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

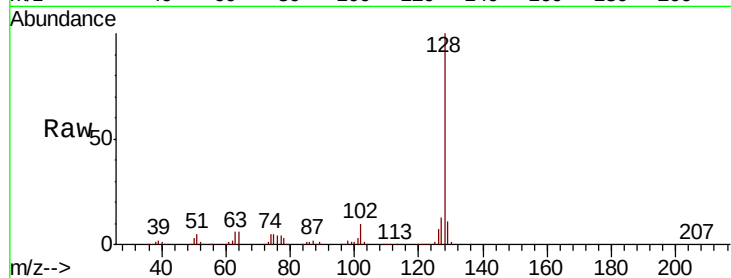
Tgt Ion:128 Resp: 2102856

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

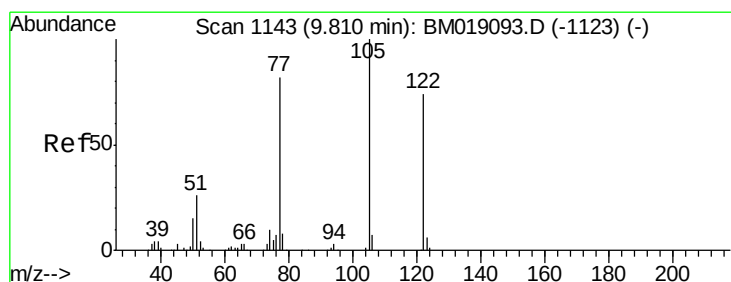
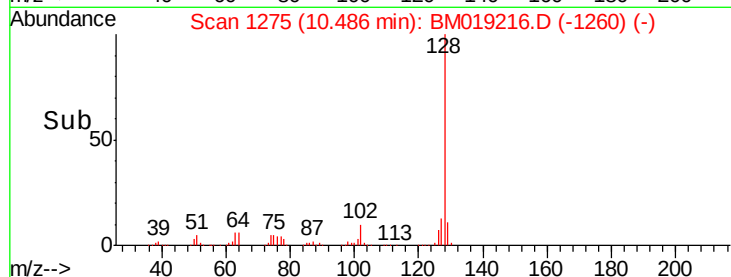
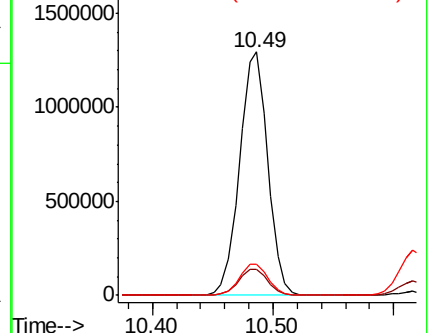
127 13.0 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.127 ng

RT: 9.80 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

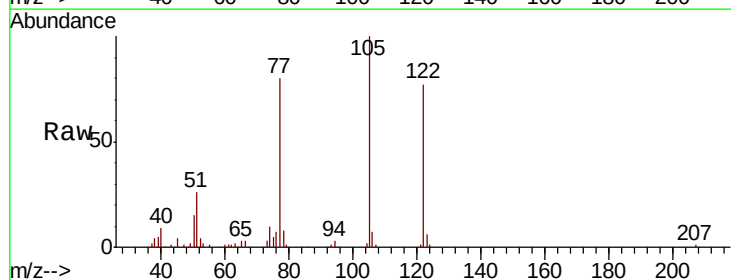
Tgt Ion:122 Resp: 369564

Ion Ratio Lower Upper

122 100

105 130.0 113.0 153.0

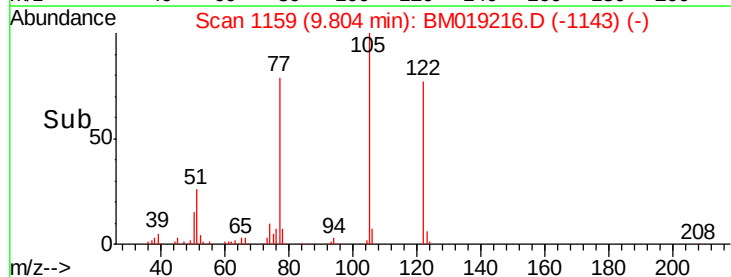
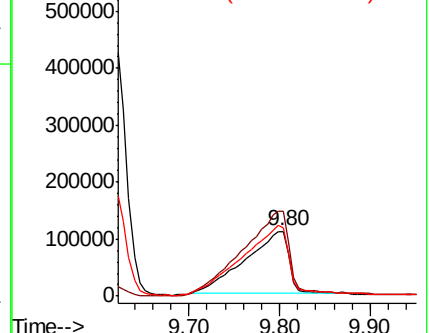
77 104.3 90.1 130.1

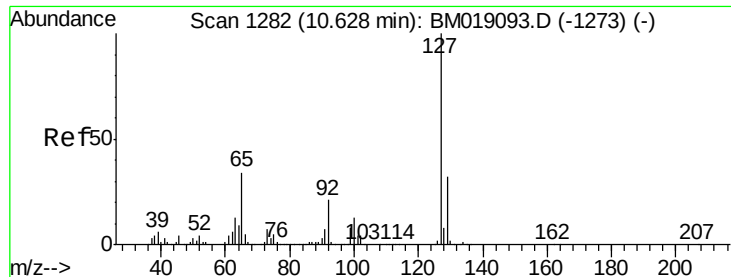


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

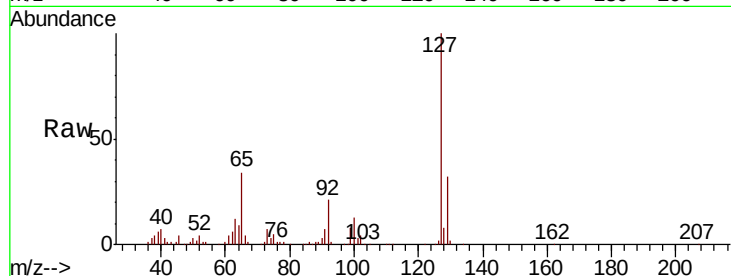




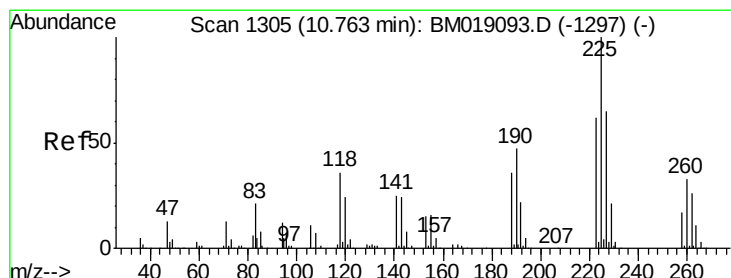
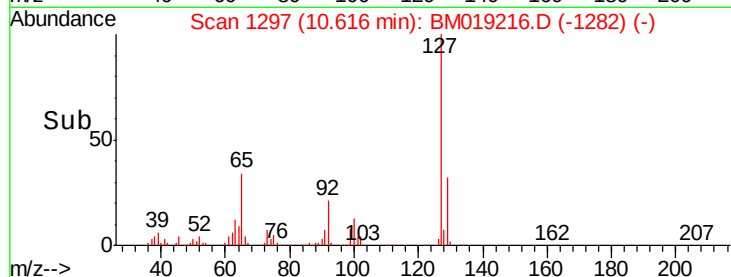
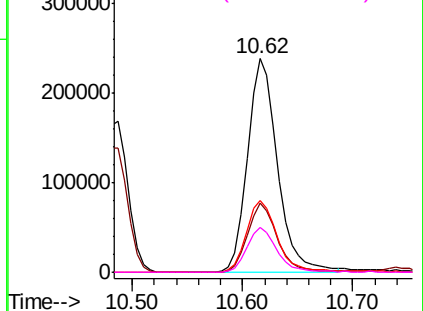
#33
4-Chloroaniline
Concen: 20.365 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tgt Ion:	127	Resp:	454963
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.3	37.9
65	33.5	27.4	41.2
92	20.8	16.8	25.2

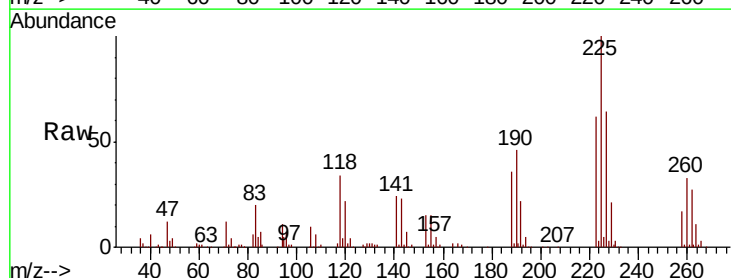


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

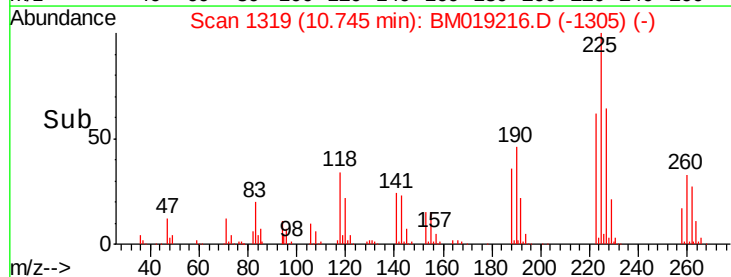
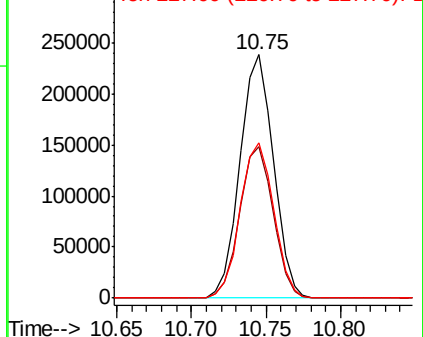


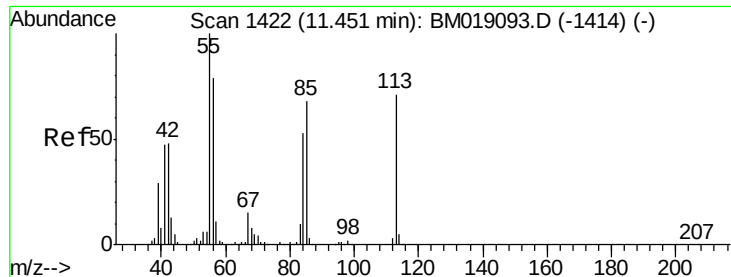
#34
Hexachlorobutadiene
Concen: 36.997 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion:	225	Resp:	371694
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.4	74.0
227	63.9	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: 28.822 ng

RT: 11.44 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

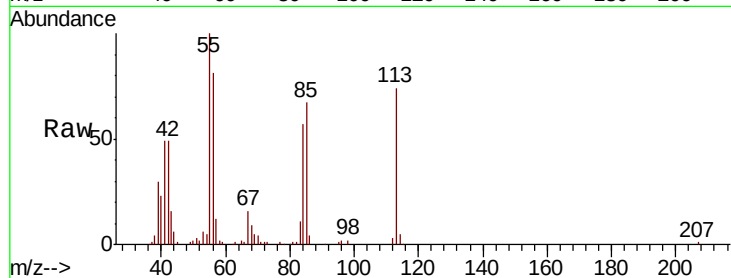
Tgt Ion:113 Resp: 159409

Ion Ratio Lower Upper

113 100

55 134.8 120.1 160.1

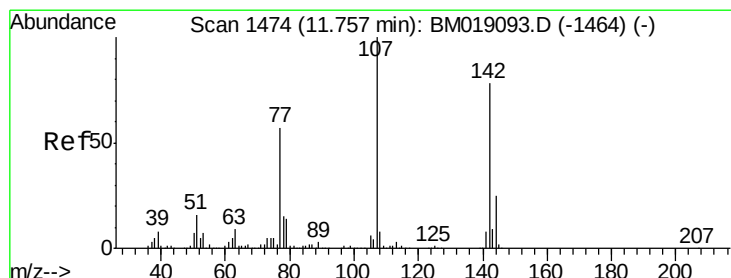
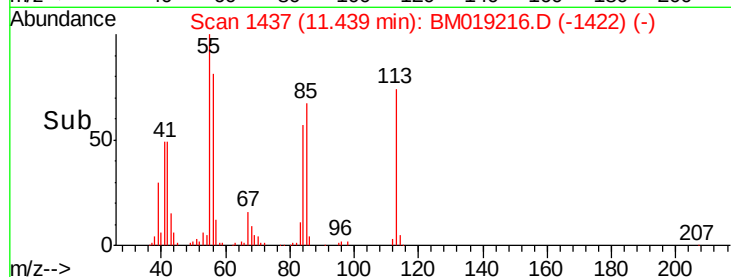
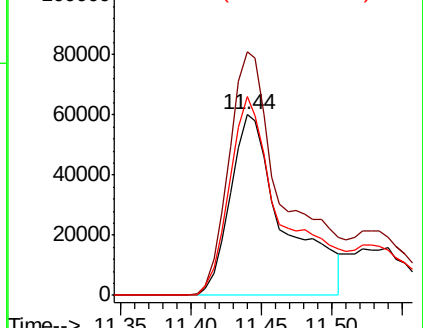
56 109.8 90.1 130.1



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: 39.442 ng

RT: 11.74 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

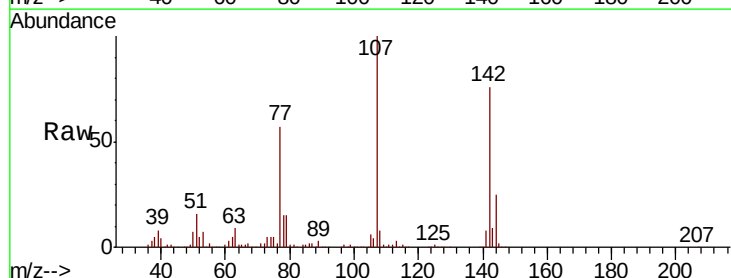
Tgt Ion:107 Resp: 755604

Ion Ratio Lower Upper

107 100

144 24.6 20.2 30.4

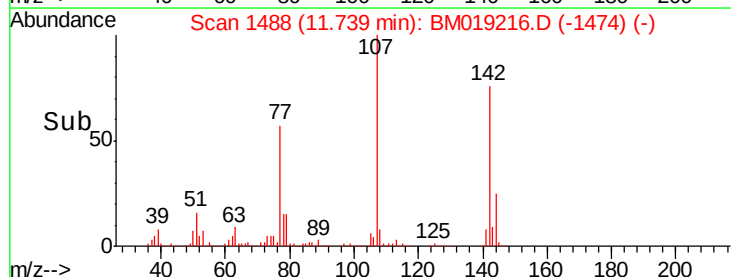
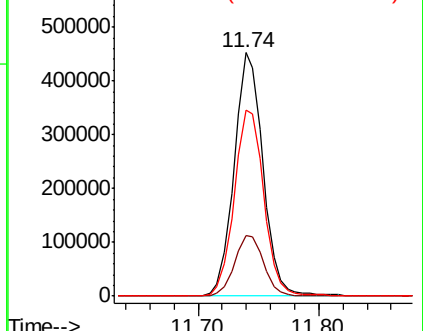
142 76.4 62.4 93.6

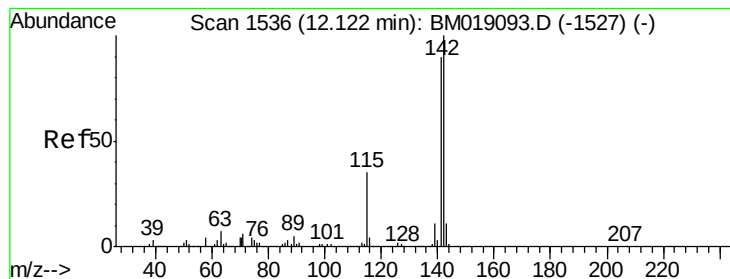


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.766 ng

RT: 12.10 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

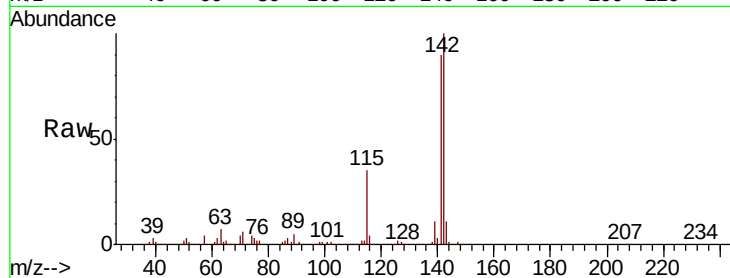
Tgt Ion:142 Resp: 1574832

Ion Ratio Lower Upper

142 100

141 90.4 72.3 108.5

115 34.8 27.8 41.8

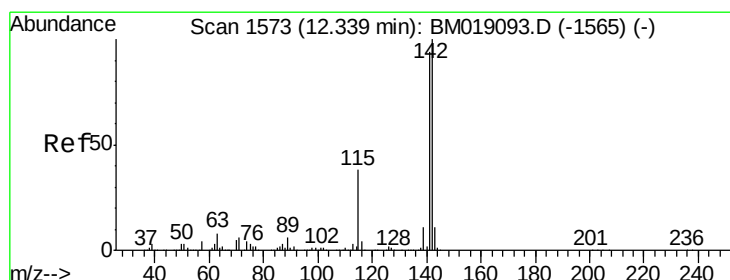
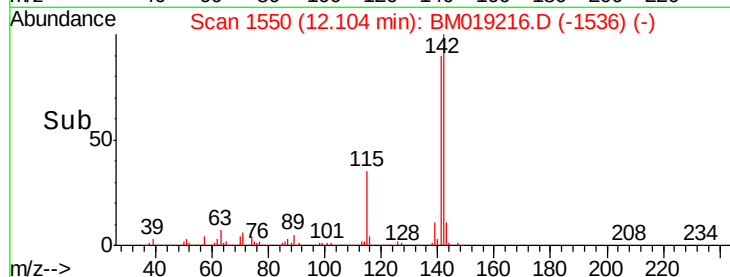
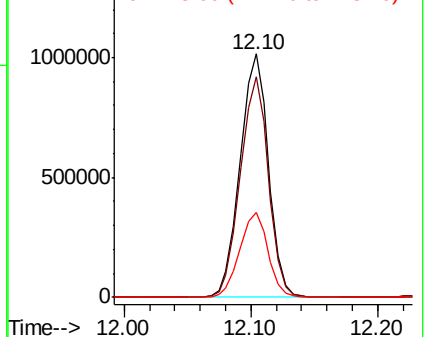


Abundance

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: 38.313 ng

RT: 12.33 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

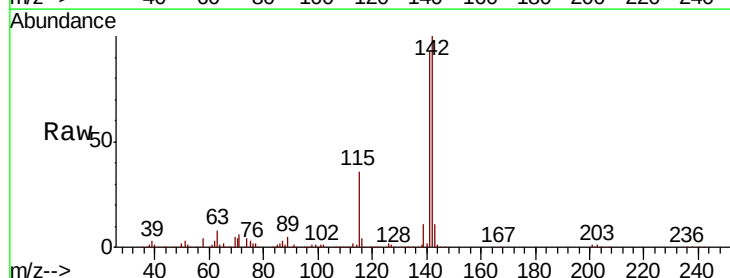
Tgt Ion:142 Resp: 1495540

Ion Ratio Lower Upper

142 100

141 93.2 74.9 112.3

116 3.7 3.2 4.8

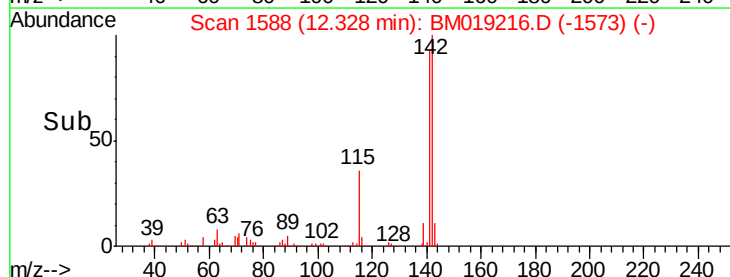
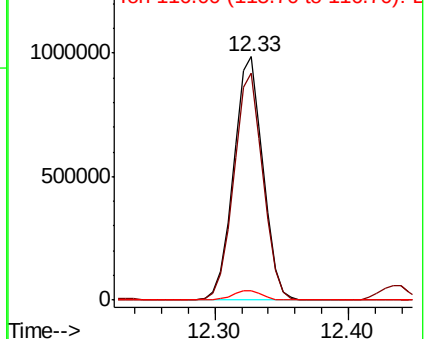


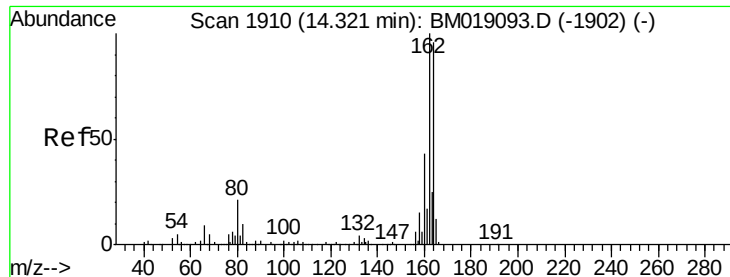
Abundance

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: 14.30 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

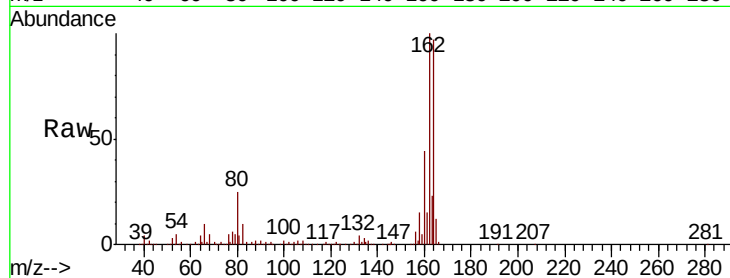
Tgt Ion:164 Resp: 601437

Ion Ratio Lower Upper

164 100

162 103.1 83.5 125.3

160 45.5 36.3 54.5

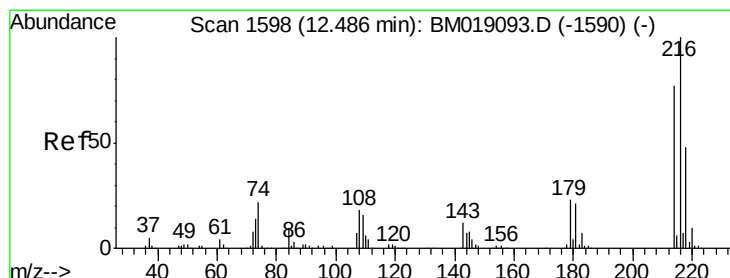
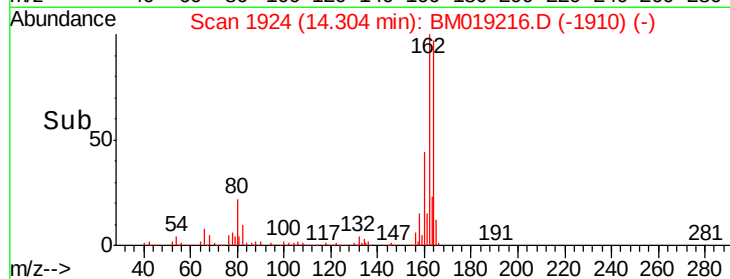
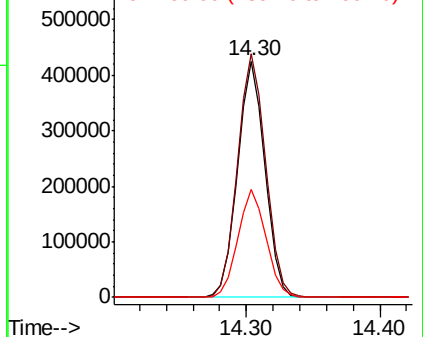


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.337 ng

RT: 12.47 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Tgt Ion:216 Resp: 748380

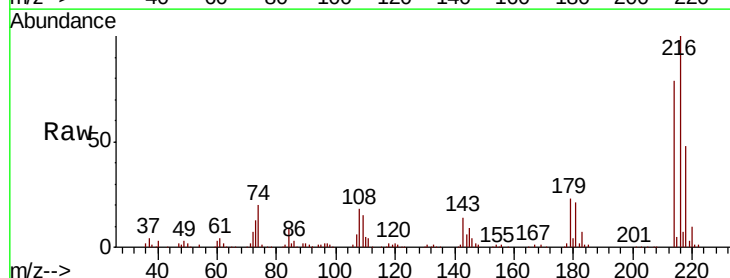
Ion Ratio Lower Upper

216 100

214 79.4 62.9 94.3

179 22.6 18.0 27.0

108 18.2 16.2 24.4



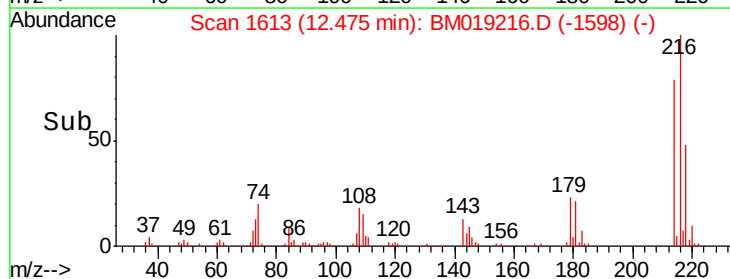
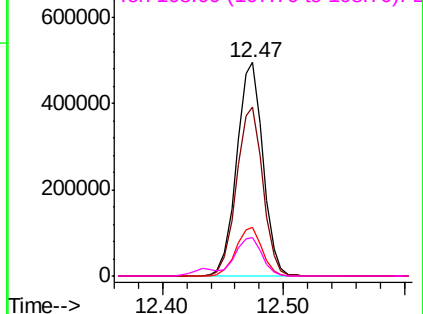
Abundance

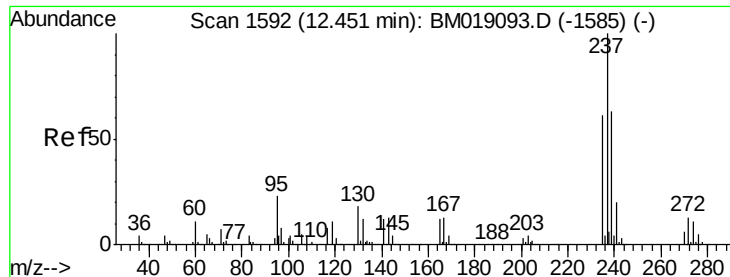
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.991 ng

RT: 12.43 min Scan# 1606

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

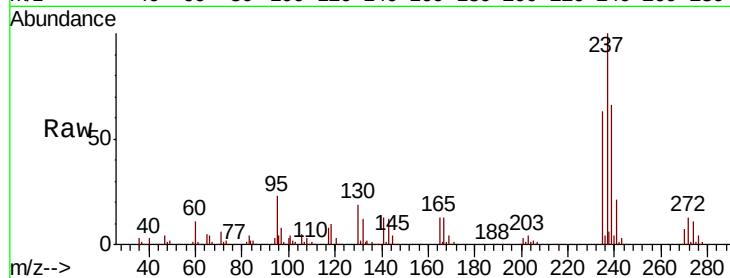
Tgt Ion:237 Resp: 715179

Ion Ratio Lower Upper

237 100

235 63.4 41.3 81.3

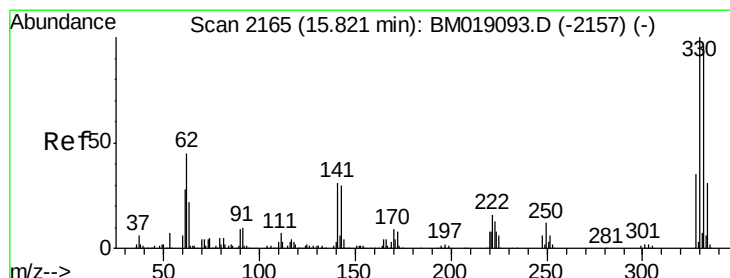
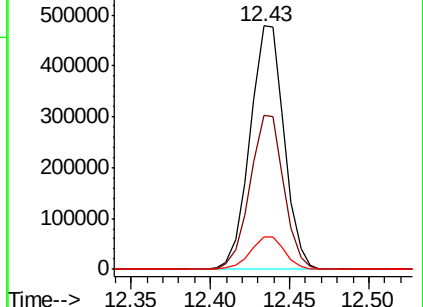
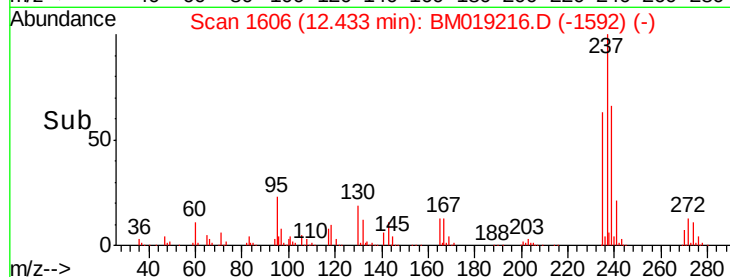
272 13.4 0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 127.501 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

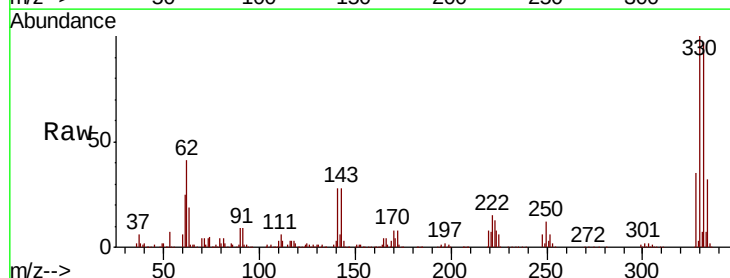
Tgt Ion:330 Resp: 1132209

Ion Ratio Lower Upper

330 100

332 97.2 76.8 115.2

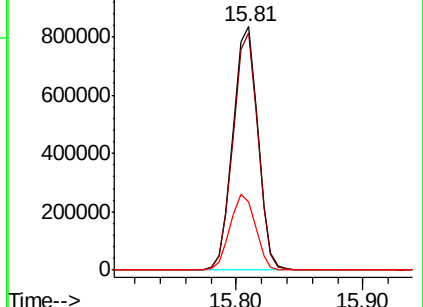
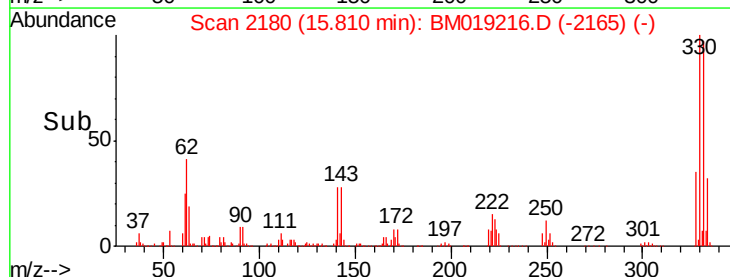
141 31.9 27.0 40.4

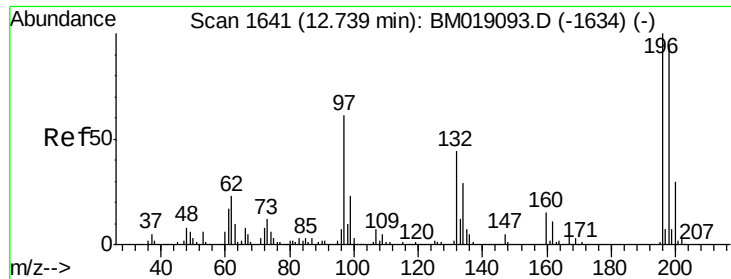


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

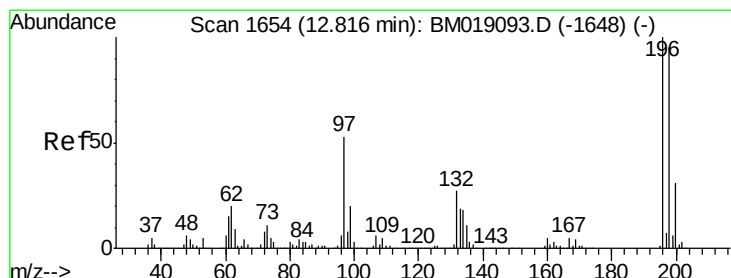
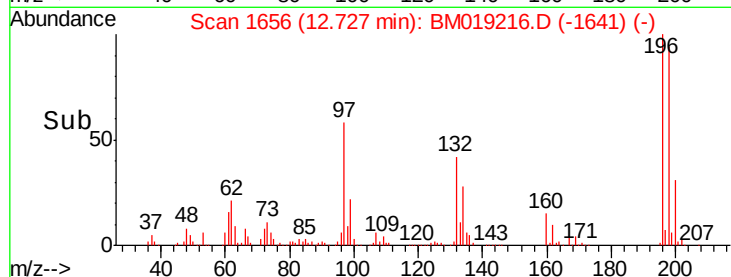
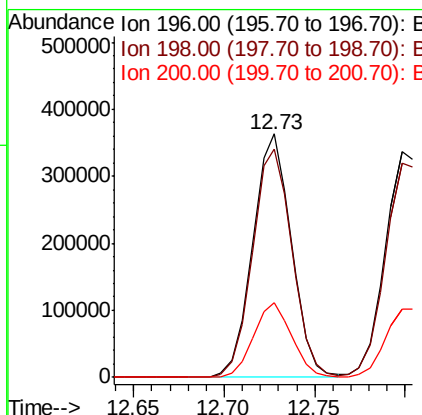
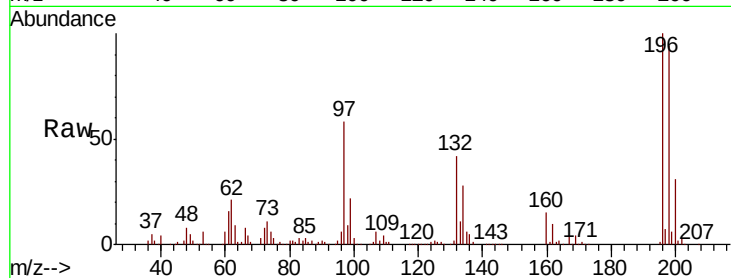




#43
 2,4,6-Trichlorophenol
 Concen: 43.656 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

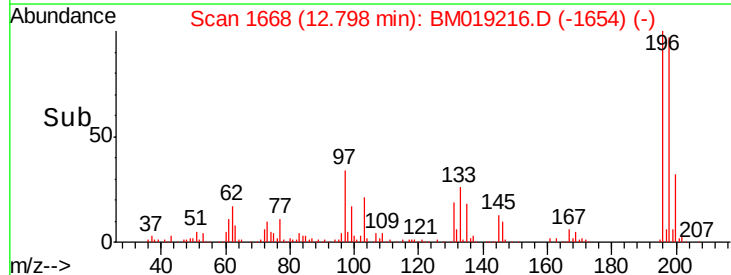
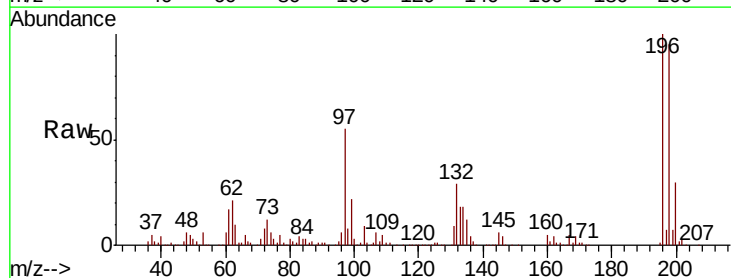
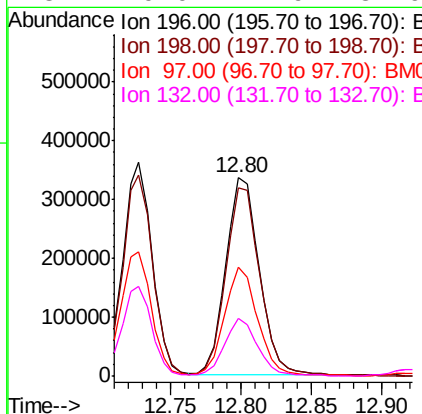
Instrument :
 BNA_M
 ClientSampleID :
 PB118000BS

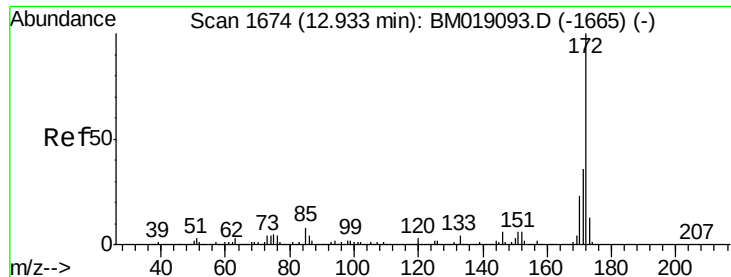
Tgt Ion:196 Resp: 536735
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.4 113.0
 200 30.5 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 42.225 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Tgt Ion:196 Resp: 555140
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.9 113.9
 97 54.7 42.5 63.7
 132 29.0 21.9 32.9

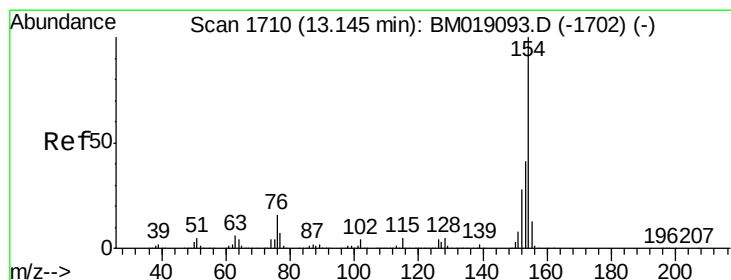
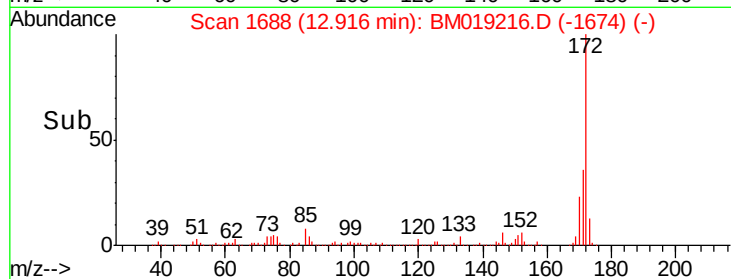
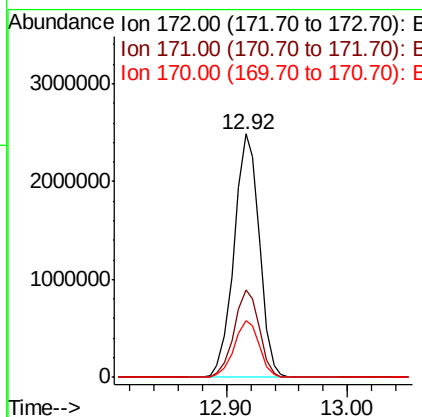
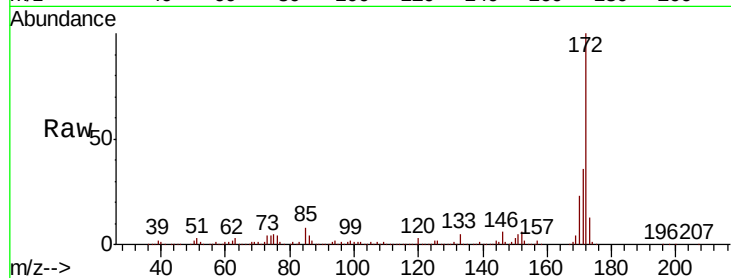




#45
2-Fluorobiphenyl
Concen: 78.280 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

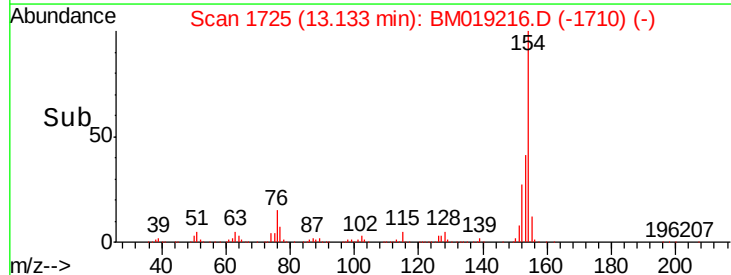
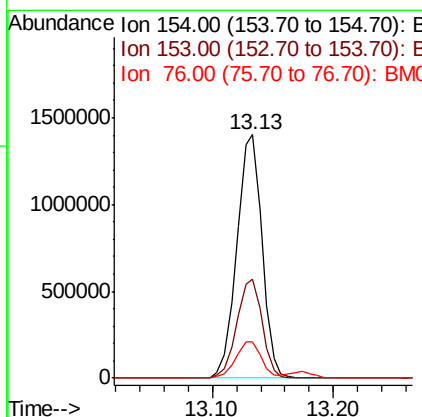
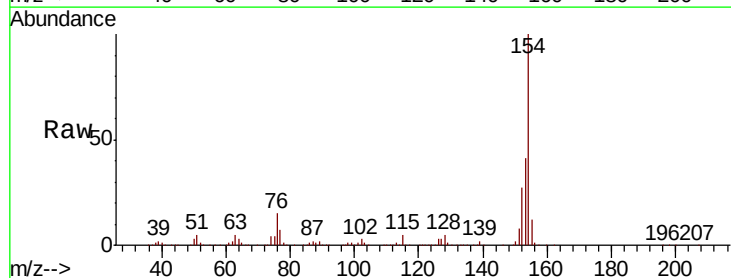
Instrument :
BNA_M
ClientSampleId :
PB118000BS

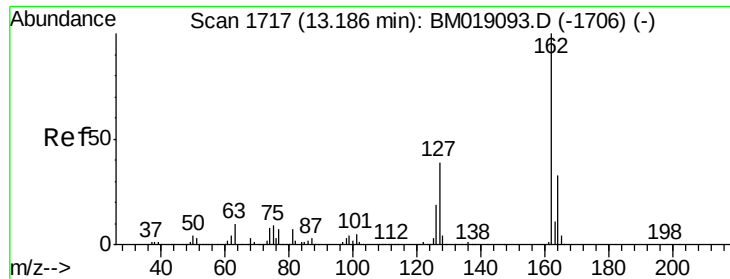
Tgt Ion:172 Resp: 3619453
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 38.803 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion:154 Resp: 2038092
Ion Ratio Lower Upper
154 100
153 40.5 21.5 61.5
76 14.8 0.0 35.8

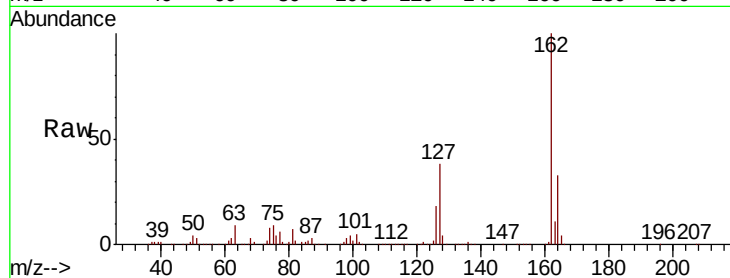




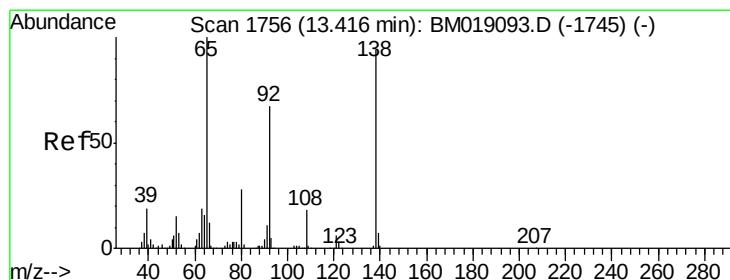
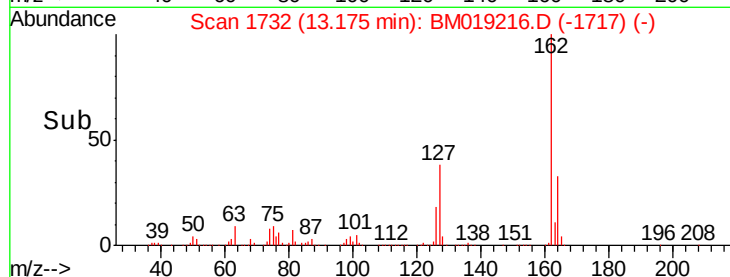
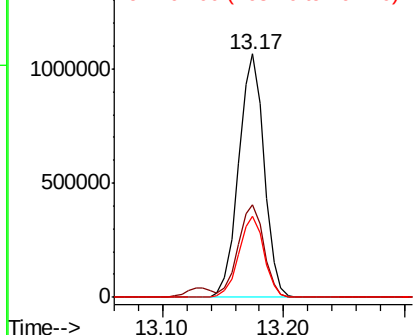
#47
2-Chloronaphthalene
Concen: 40.081 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tgt Ion:162 Resp: 1571427
Ion Ratio Lower Upper
162 100
127 38.2 31.2 46.8
164 33.1 26.3 39.5

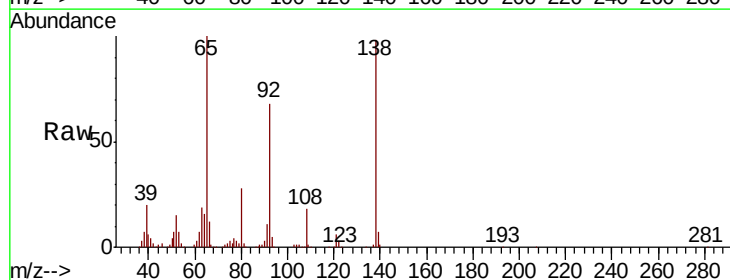


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

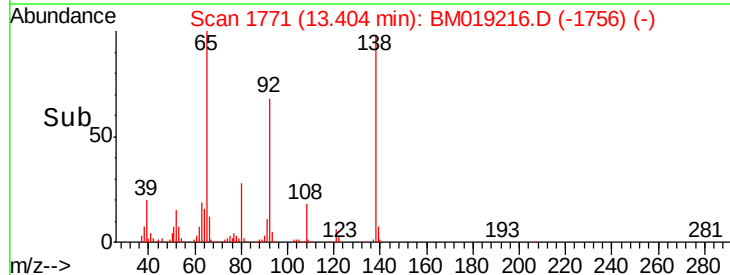
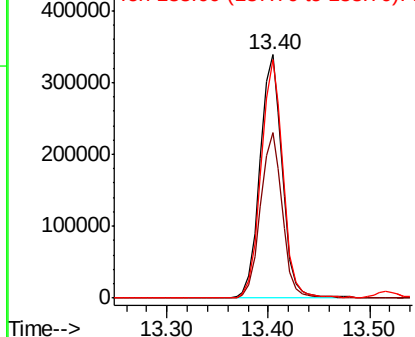


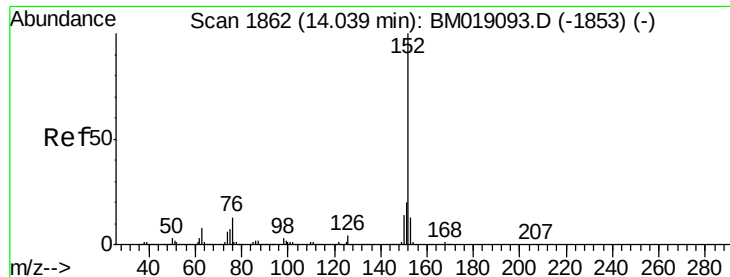
#48
2-Nitroaniline
Concen: 39.473 ng
RT: 13.40 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion: 65 Resp: 519011
Ion Ratio Lower Upper
65 100
92 68.1 53.4 80.2
138 98.0 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: 38.239 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

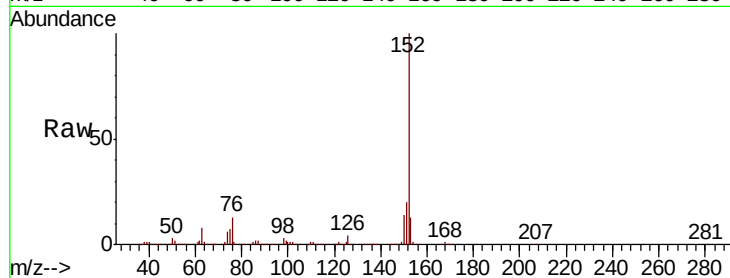
Tgt Ion:152 Resp: 2534897

Ion Ratio Lower Upper

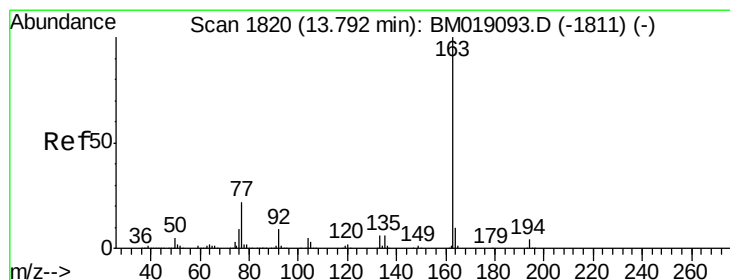
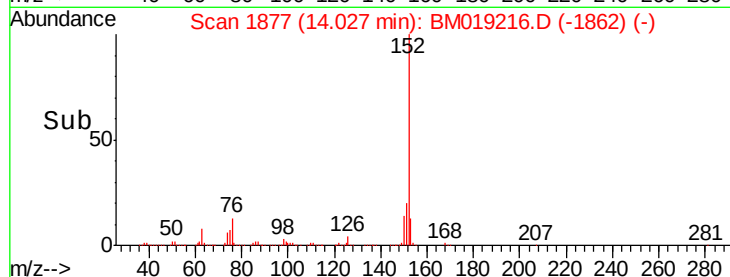
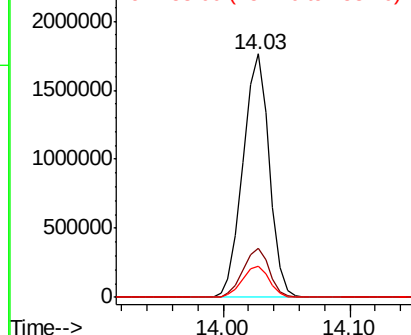
152 100

151 19.9 16.2 24.2

153 13.1 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: 37.906 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

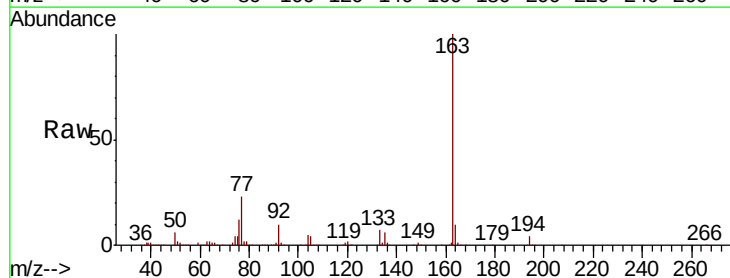
Tgt Ion:163 Resp: 1950267

Ion Ratio Lower Upper

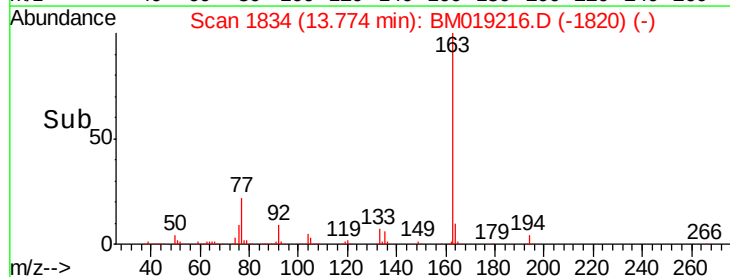
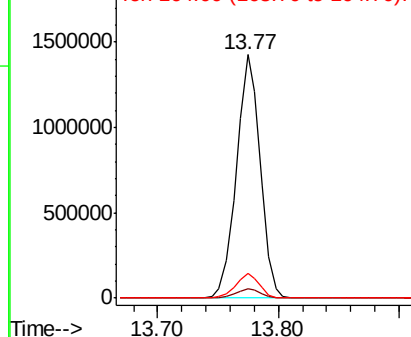
163 100

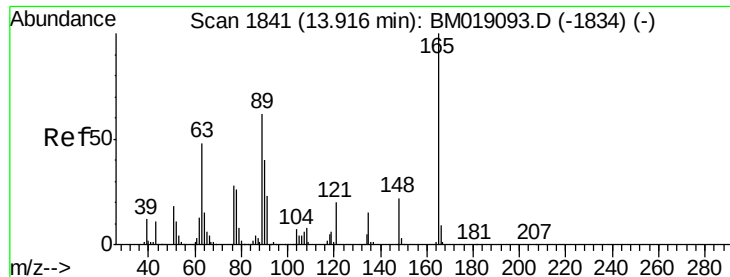
194 3.9 3.3 4.9

164 10.3 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

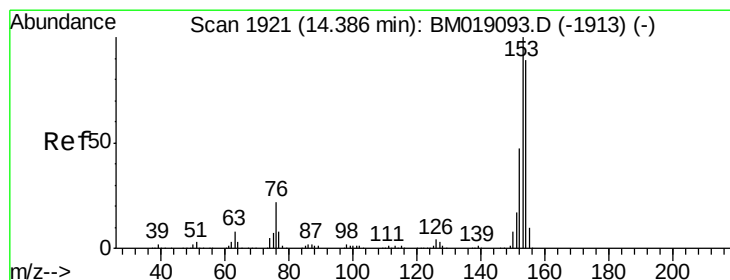
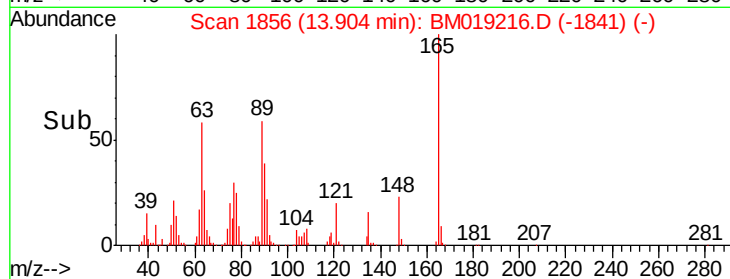
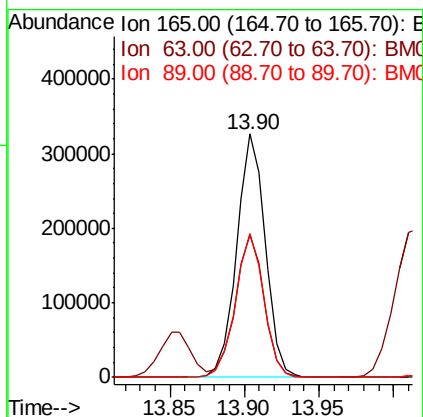
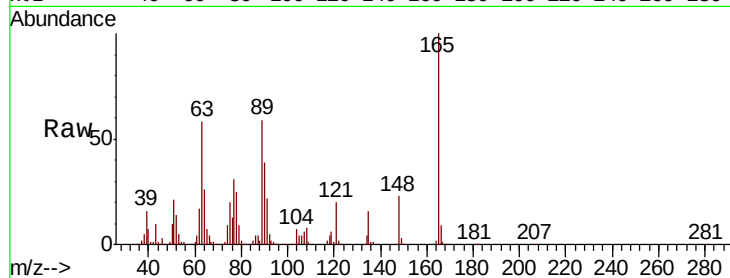




#51
 2,6-Dinitrotoluene
 Concen: 38.982 ng
 RT: 13.90 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

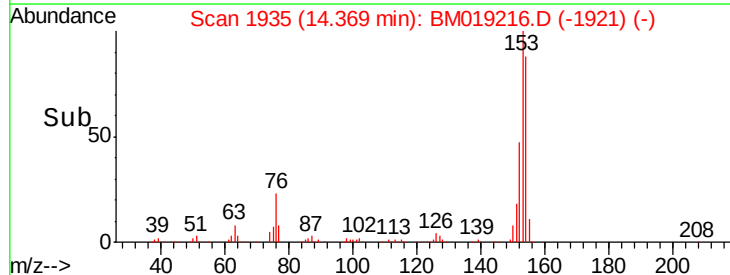
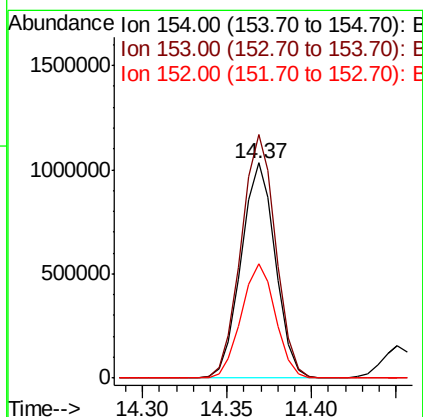
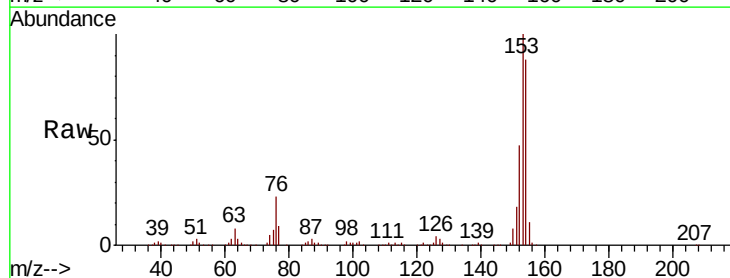
Instrument :
 BNA_M
 ClientSampleId :
 PB118000BS

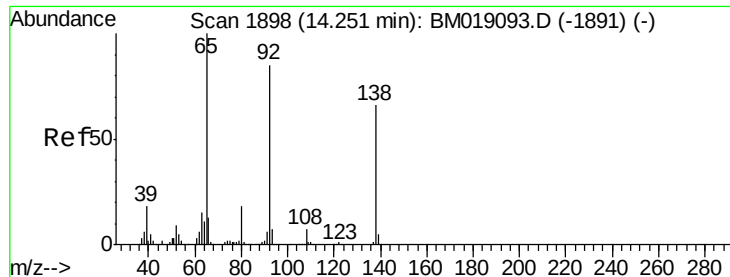
Tgt Ion:165 Resp: 433564
 Ion Ratio Lower Upper
 165 100
 63 58.3 48.2 72.4
 89 59.2 49.3 73.9



#52
 Acenaphthene
 Concen: 38.308 ng
 RT: 14.37 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Tgt Ion:154 Resp: 1459225
 Ion Ratio Lower Upper
 154 100
 153 113.1 90.1 135.1
 152 52.9 42.5 63.7

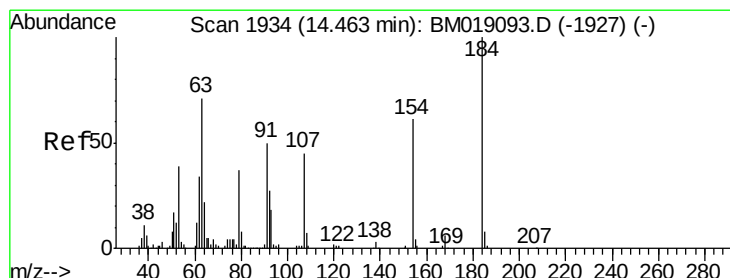
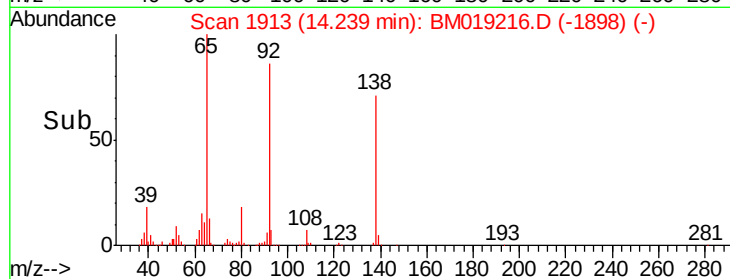
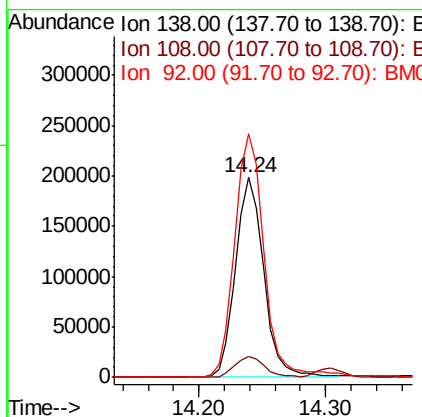
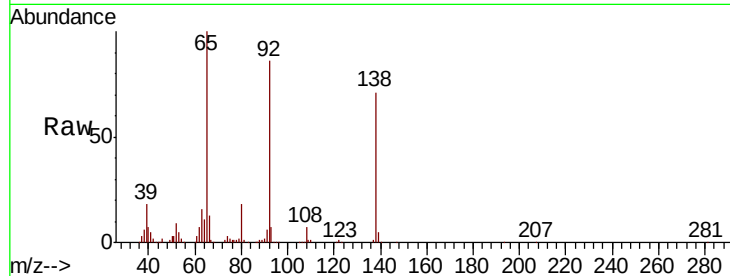




#53
 3-Nitroaniline
 Concen: 26.071 ng
 RT: 14.24 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

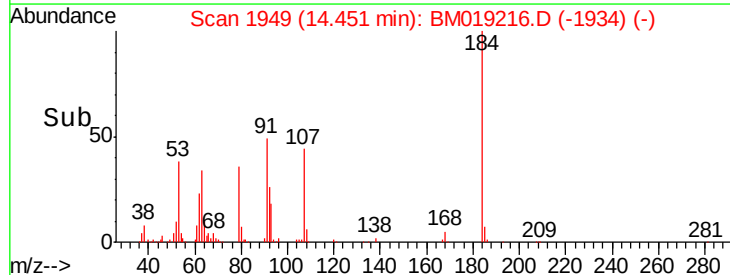
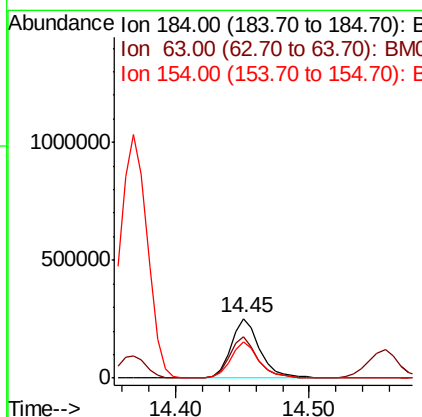
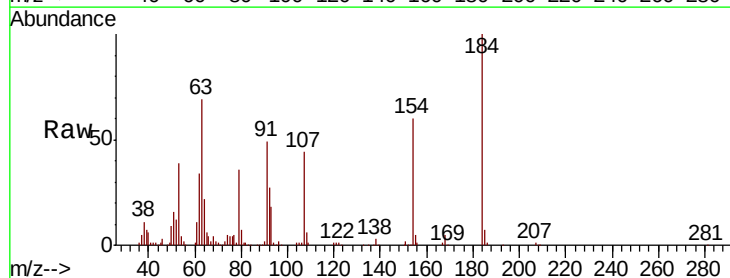
Instrument :
 BNA_M
 ClientSampleId :
 PB118000BS

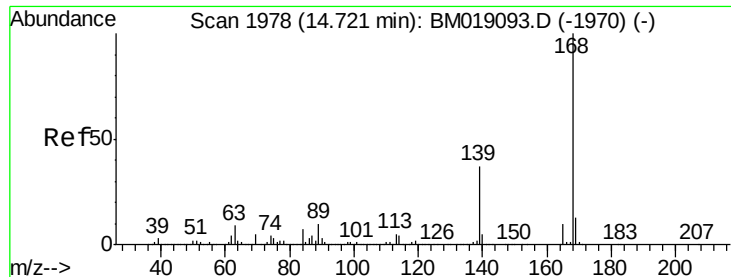
Tgt Ion:138 Resp: 307110
 Ion Ratio Lower Upper
 138 100
 108 10.4 9.0 13.4
 92 121.9 102.6 153.8



#54
 2,4-Dinitrophenol
 Concen: 58.740 ng
 RT: 14.45 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Tgt Ion:184 Resp: 379409
 Ion Ratio Lower Upper
 184 100
 63 68.6 56.7 85.1
 154 60.3 49.3 73.9

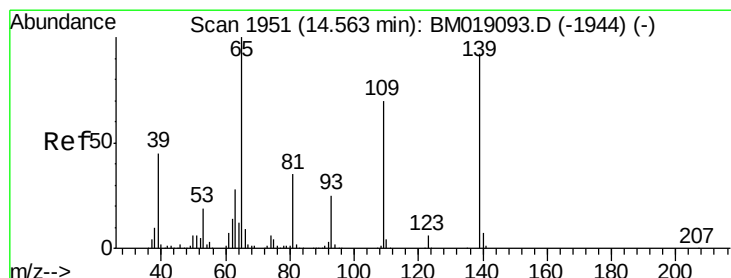
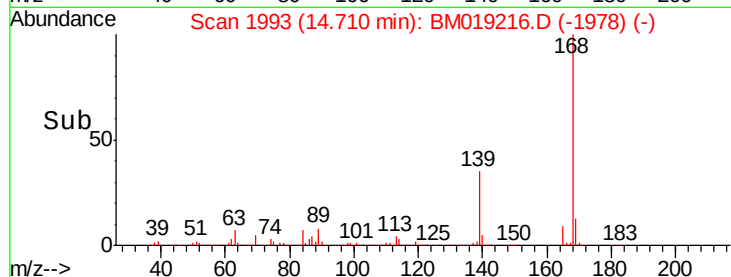
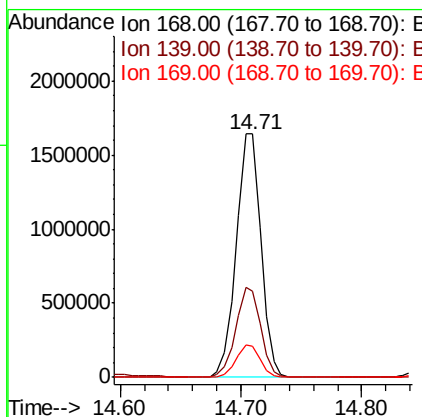
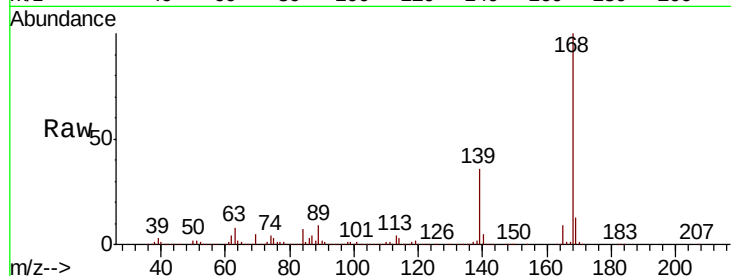




#55
Dibenzenofuran
Concen: 38.424 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

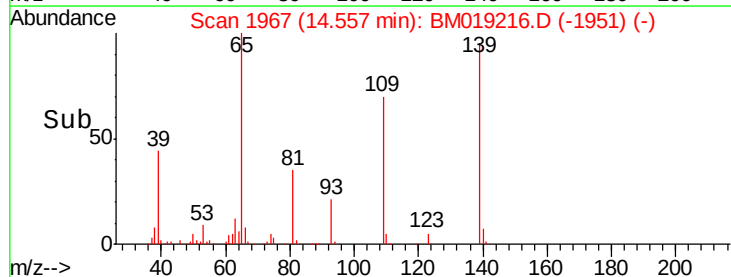
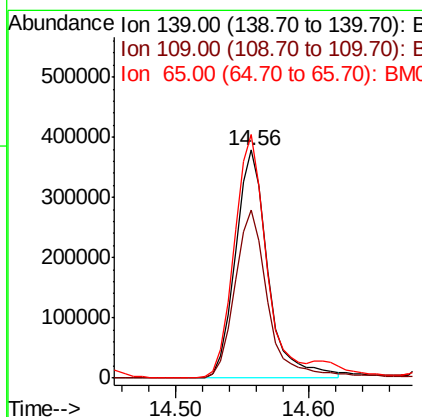
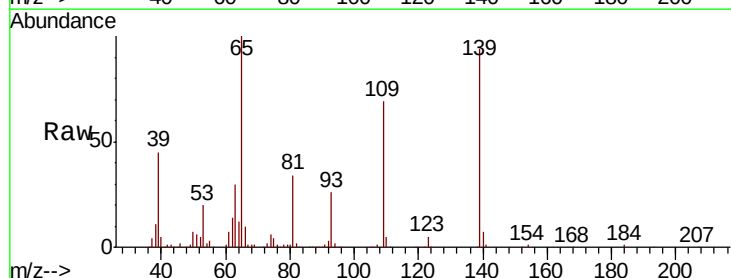
Instrument :
BNA_M
ClientSampleId :
PB118000BS

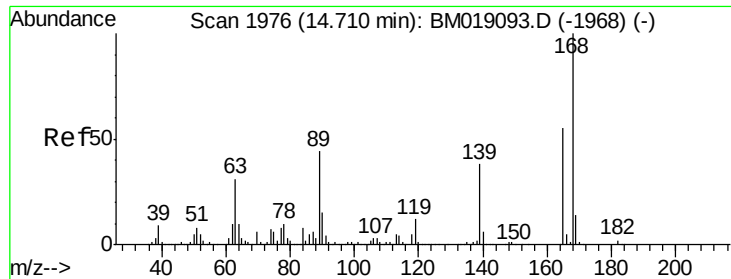
Tgt Ion:168 Resp: 2360362
Ion Ratio Lower Upper
168 100
139 35.6 30.1 45.1
169 12.7 10.6 16.0



#56
4-Nitrophenol
Concen: 66.717 ng
RT: 14.56 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion:139 Resp: 641661
Ion Ratio Lower Upper
139 100
109 73.7 56.3 96.3
65 106.8 89.2 129.2

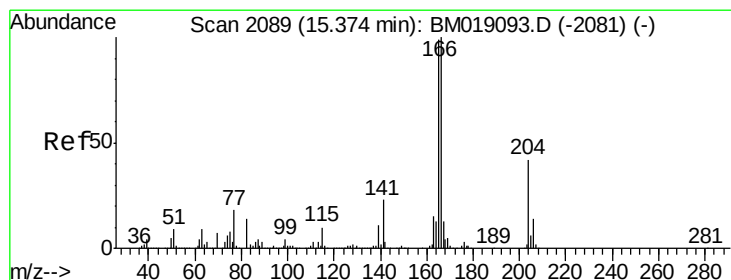
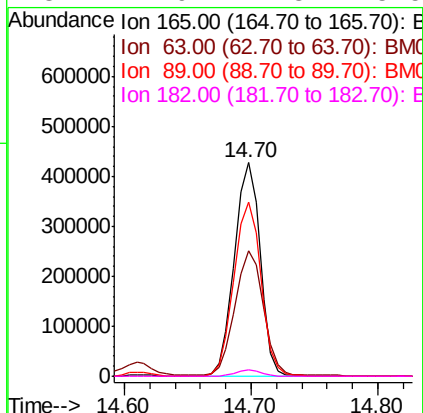
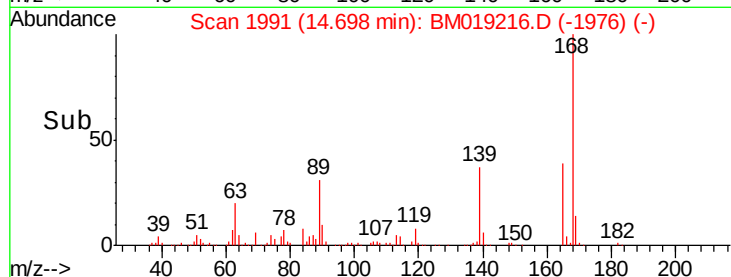
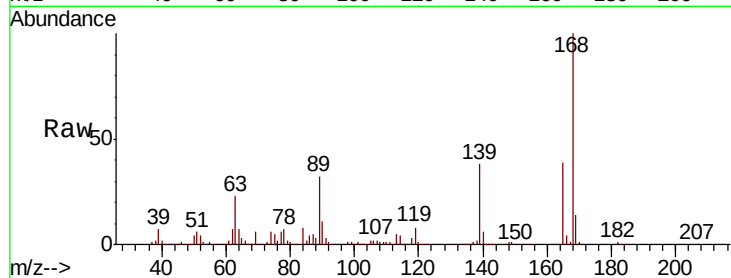




#57
2,4-Dinitrotoluene
Concen: 37.241 ng
RT: 14.70 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

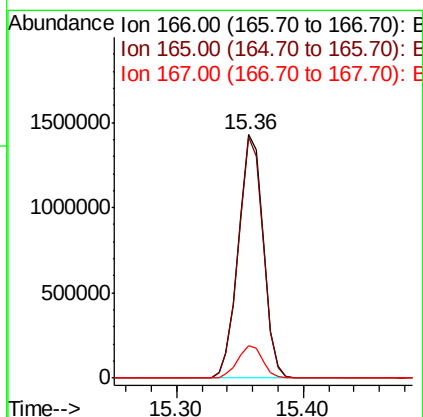
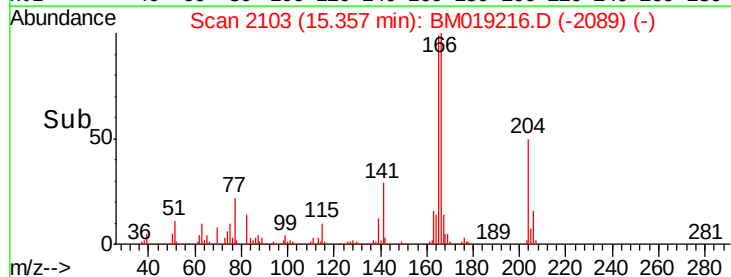
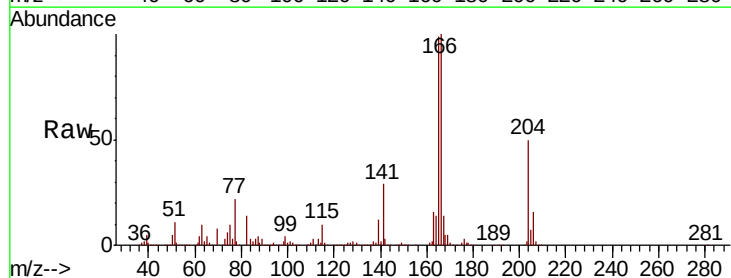
Instrument :
BNA_M
ClientSampleId :
PB118000BS

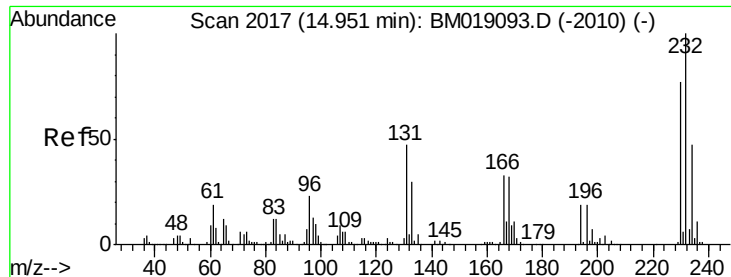
Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.6	44.7	67.1
89	81.5	63.4	95.2
182	2.9	2.3	3.5



#58
Fluorene
Concen: 38.142 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.4
167	13.5	10.8	16.2

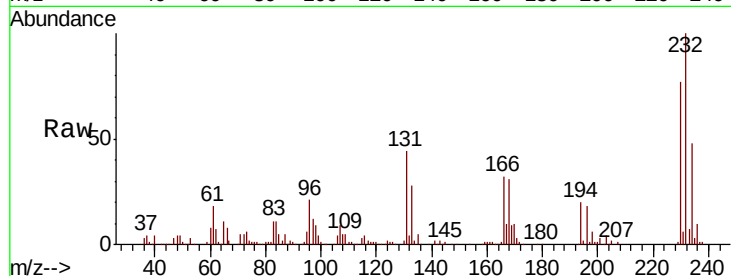




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.538 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Instrument :
 BNA_M
 ClientSampleId :
 PB118000BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.6	38.2	57.2
130	2.6	1.9	2.9
166	33.5	27.0	40.4



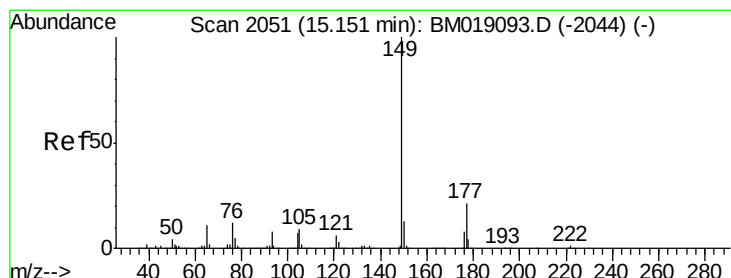
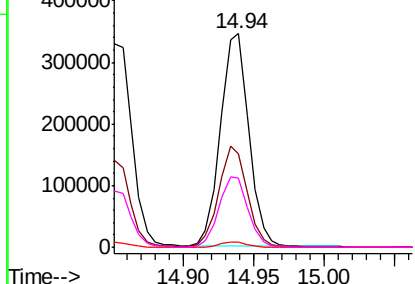
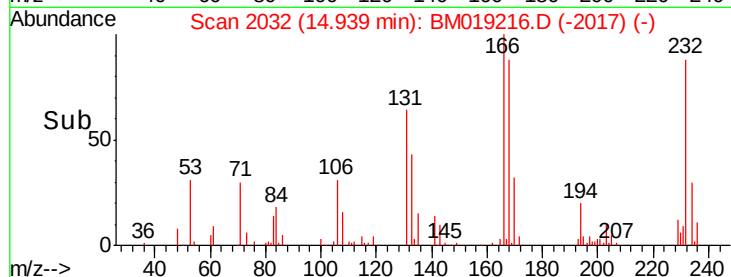
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

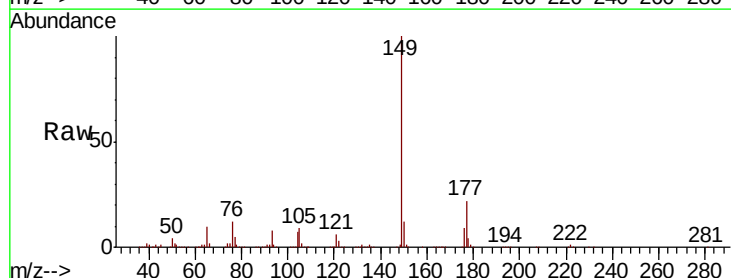
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.023 ng
 RT: 15.14 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.0	25.6
150	12.4	10.2	15.4

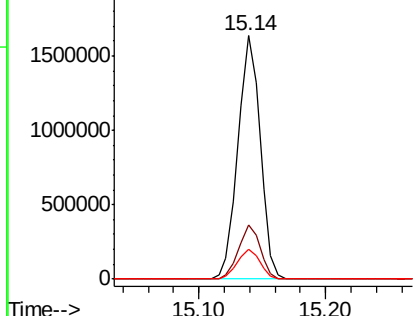
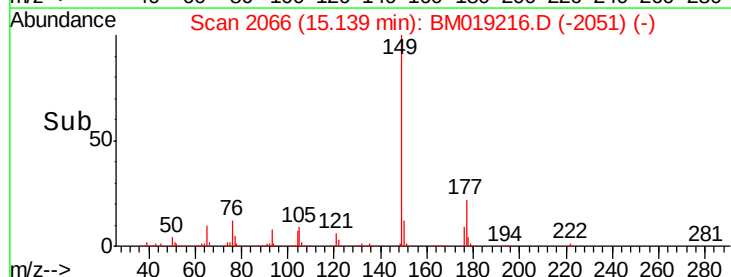


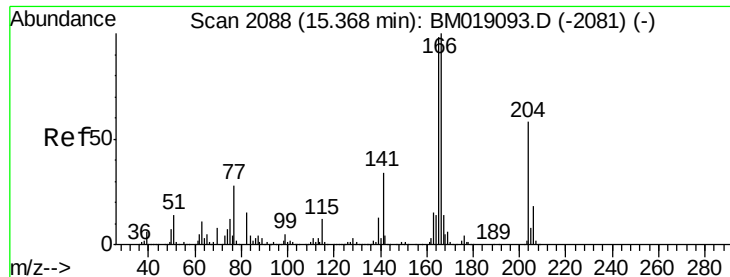
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

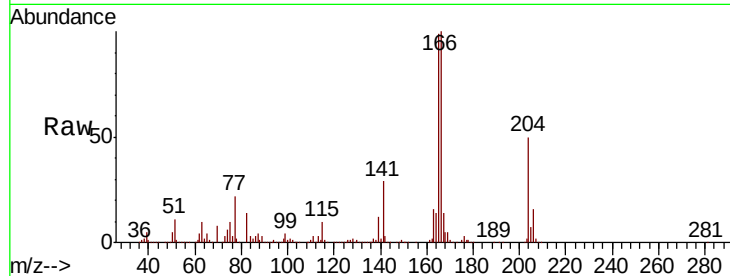




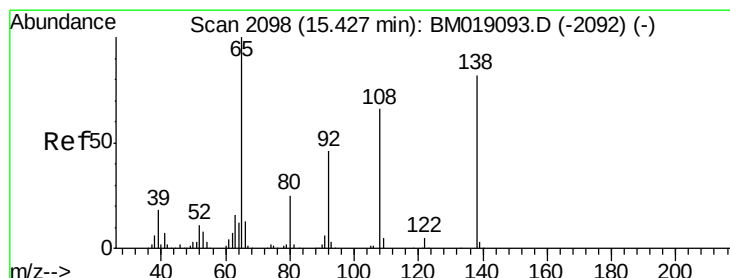
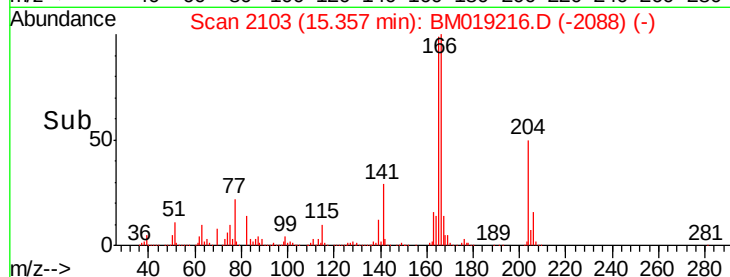
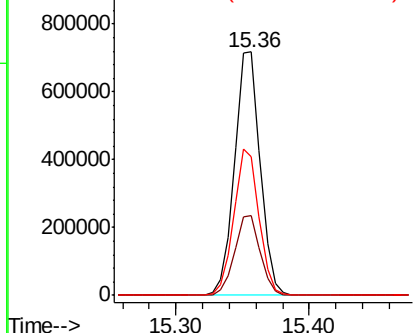
#61
4-Chlorophenyl-phenylether
Concen: 39.012 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tgt Ion:204 Resp: 959400
Ion Ratio Lower Upper
204 100
206 32.6 25.5 38.3
141 56.8 47.8 71.8

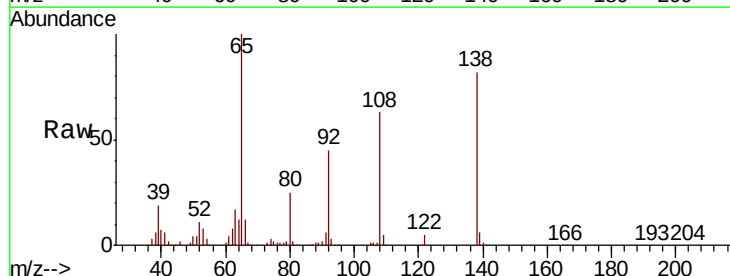


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

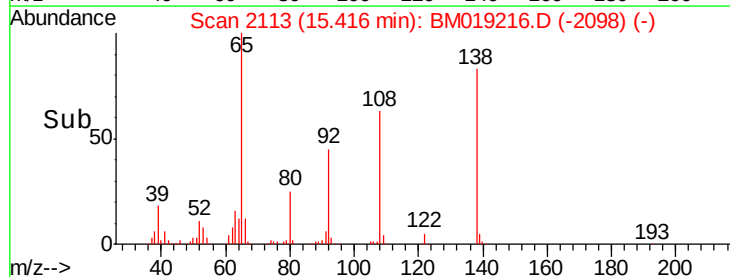
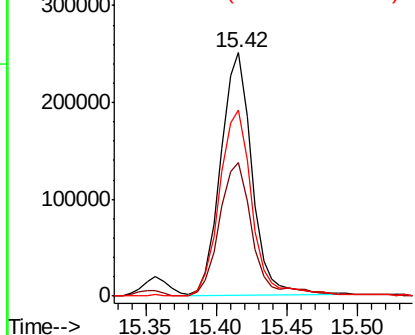


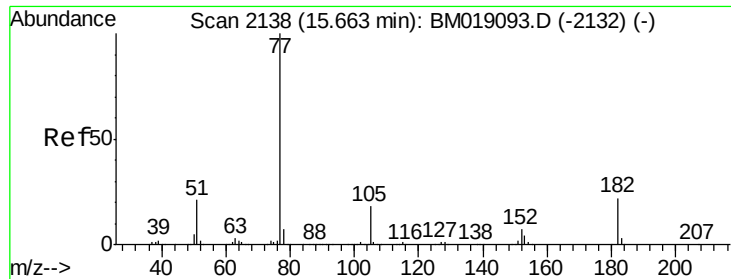
#62
4-Nitroaniline
Concen: 32.404 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion:138 Resp: 384674
Ion Ratio Lower Upper
138 100
92 55.1 36.2 76.2
108 76.5 59.7 99.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

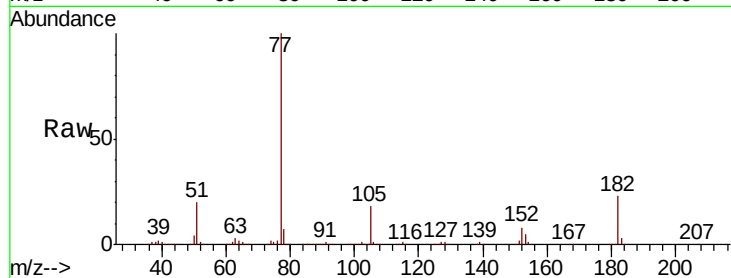




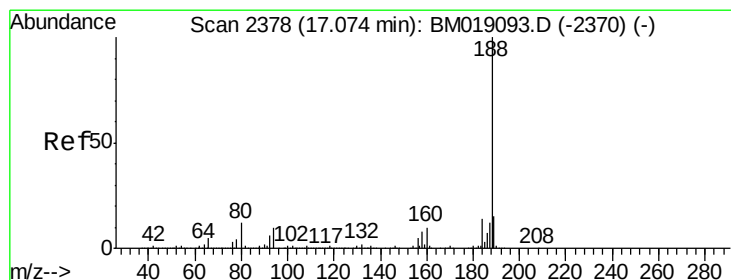
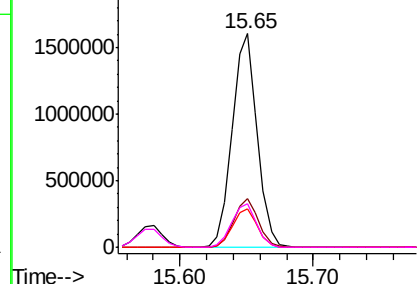
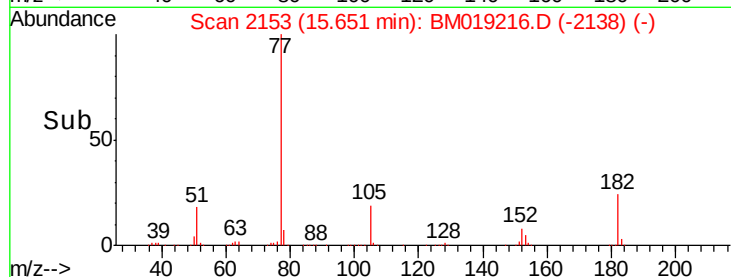
#63
Azobenzene
Concen: 38.302 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tgt Ion: 77 Resp: 2100190
Ion Ratio Lower Upper
77 100
182 23.0 1.8 41.8
105 18.2 0.0 38.3
51 20.2 0.8 40.8

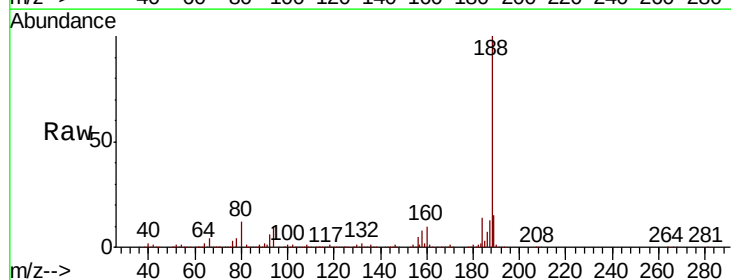


Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-2132) (-)
2500000
Ion 182.00 (181.70 to 182.70): BM019093.D (-2132) (-)
2000000
Ion 105.00 (104.70 to 105.70): BM019093.D (-2132) (-)
1500000
Ion 51.00 (50.70 to 51.70): BM019093.D (-2132) (-)
1000000
500000
0

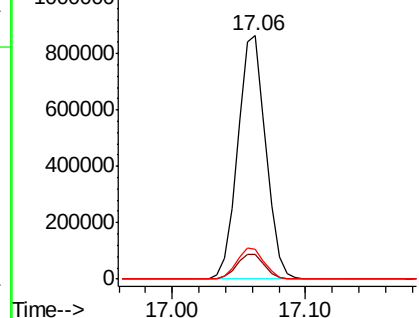
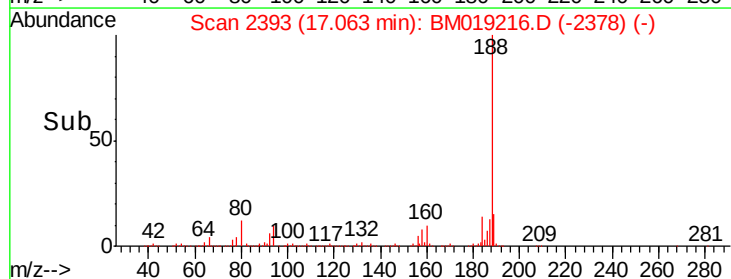


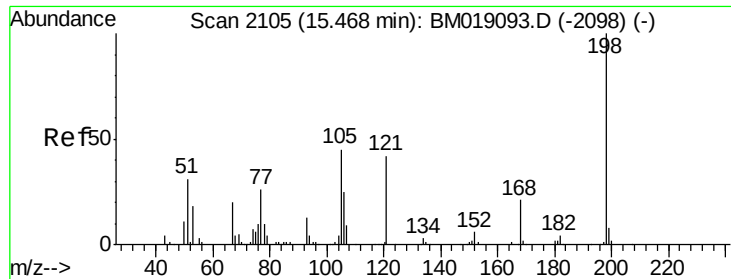
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion: 188 Resp: 1259536
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 12.3 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): BM019093.D (-2370) (-)
1200000
Ion 94.00 (93.70 to 94.70): BM019093.D (-2370) (-)
1000000
Ion 80.00 (79.70 to 80.70): BM019093.D (-2370) (-)
800000
600000
400000
200000
0

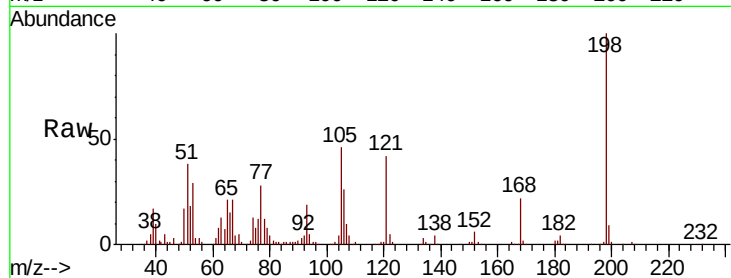




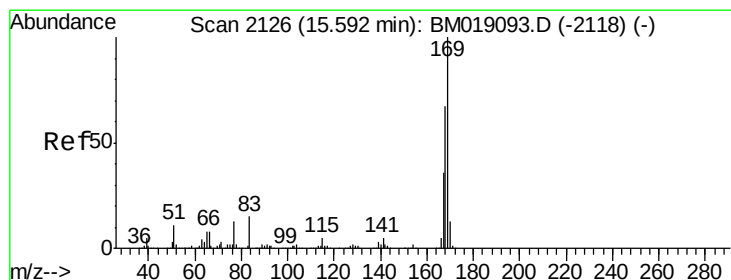
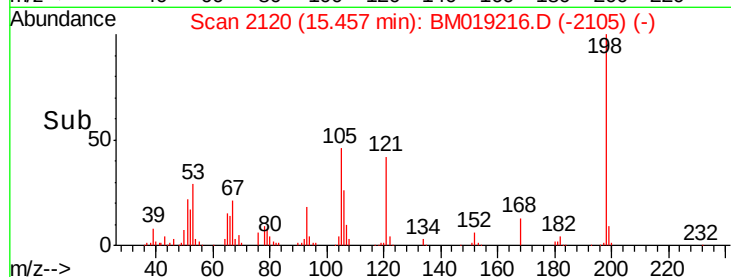
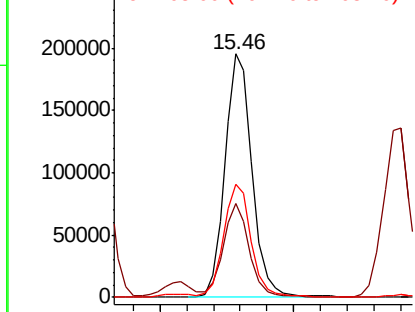
#65
4,6-Dinitro-2-methylphenol
Concen: 33.826 ng
RT: 15.46 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tgt Ion:198 Resp: 279188
Ion Ratio Lower Upper
198 100
51 38.4 17.3 57.3
105 46.5 26.2 66.2

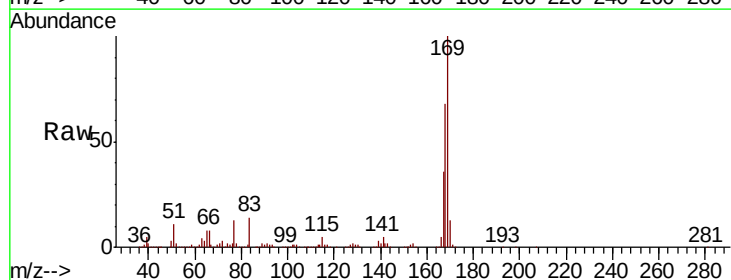


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E

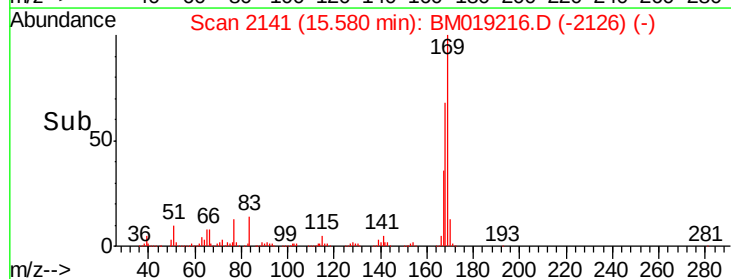
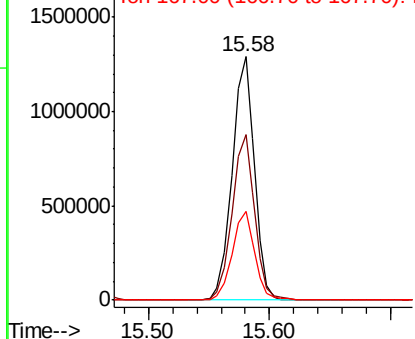


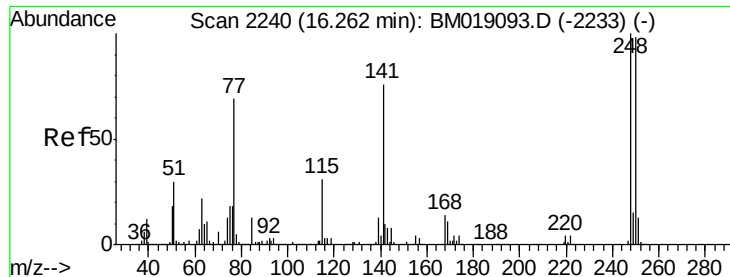
#66
n-Nitrosodiphenylamine
Concen: 41.323 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion:169 Resp: 1657024
Ion Ratio Lower Upper
169 100
168 68.0 53.9 80.9
167 36.4 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

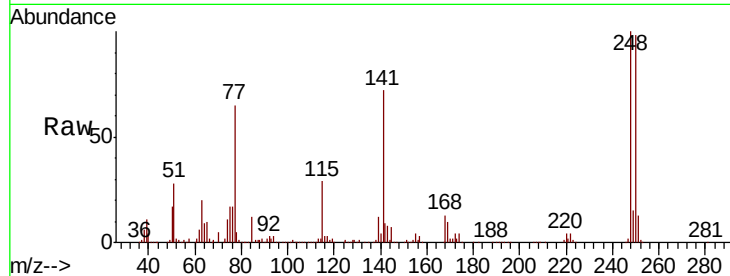




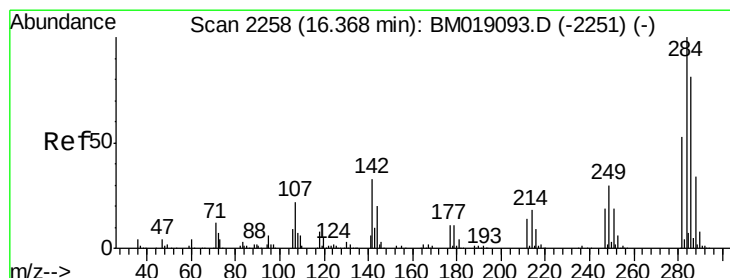
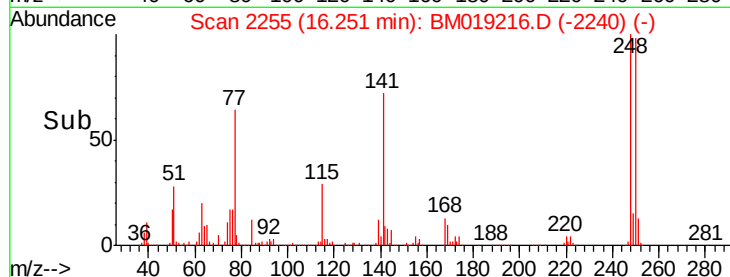
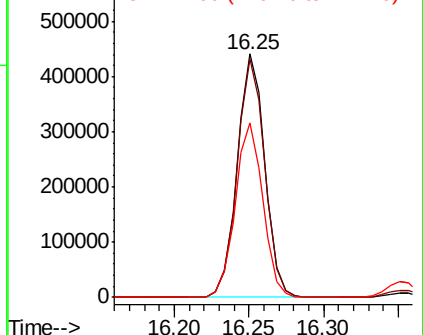
#67
4-Bromophenyl-phenylether
Concen: 40.678 ng
RT: 16.25 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tgt Ion:248 Resp: 564995
Ion Ratio Lower Upper
248 100
250 98.1 78.0 117.0
141 71.9 61.0 91.4

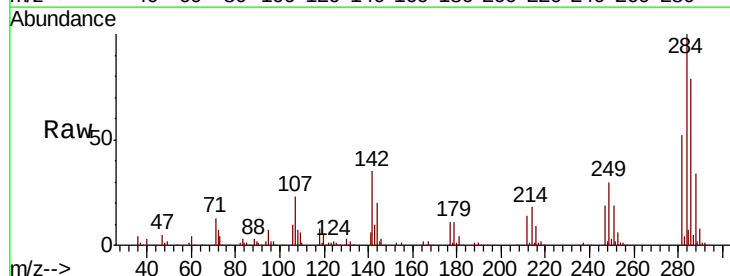


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

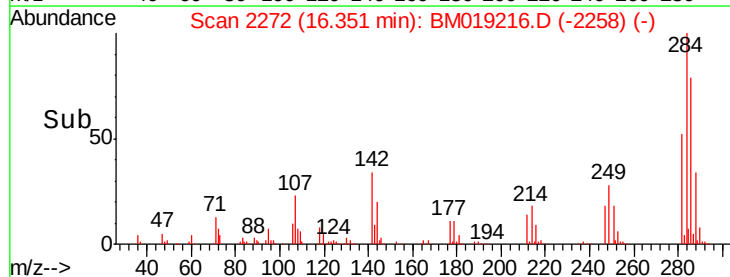
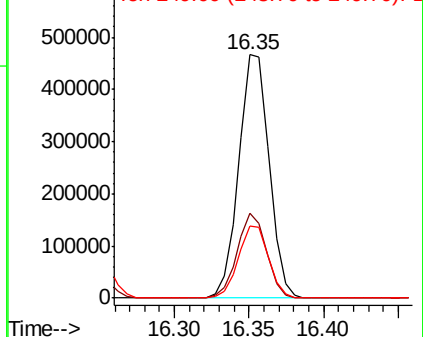


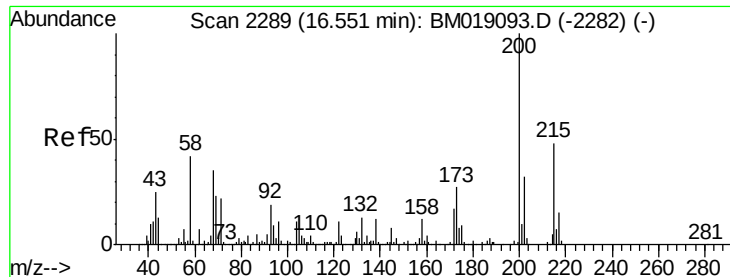
#68
Hexachlorobenzene
Concen: 39.908 ng
RT: 16.35 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion:284 Resp: 659001
Ion Ratio Lower Upper
284 100
142 34.7 26.3 39.5
249 29.9 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: 39.025 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

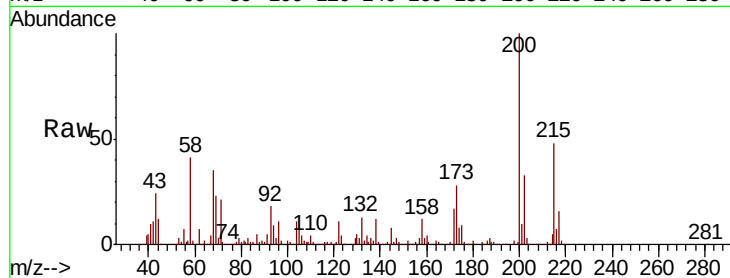
Tgt Ion:200 Resp: 526774

Ion Ratio Lower Upper

200 100

173 27.6 7.0 47.0

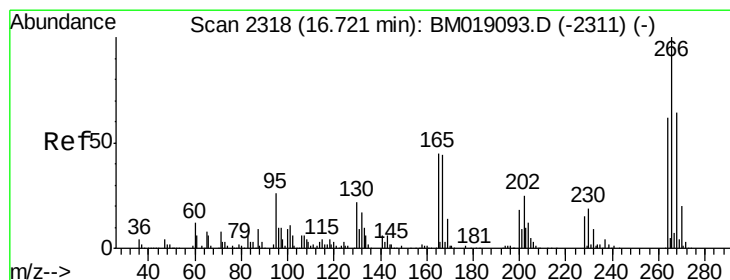
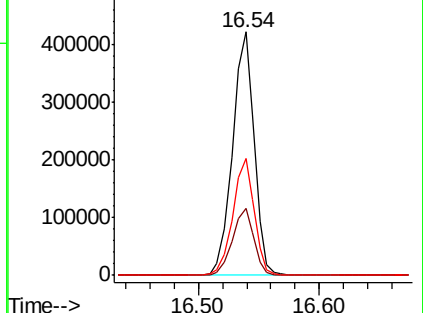
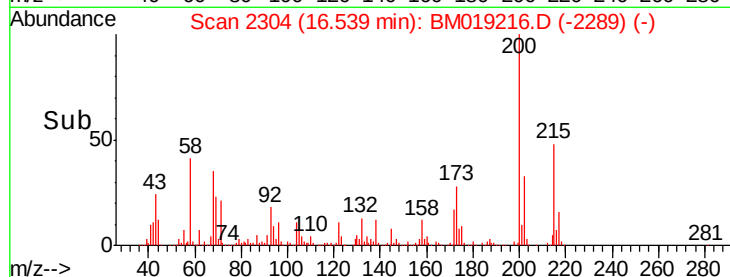
215 48.1 27.7 67.7



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: 74.433 ng

RT: 16.71 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

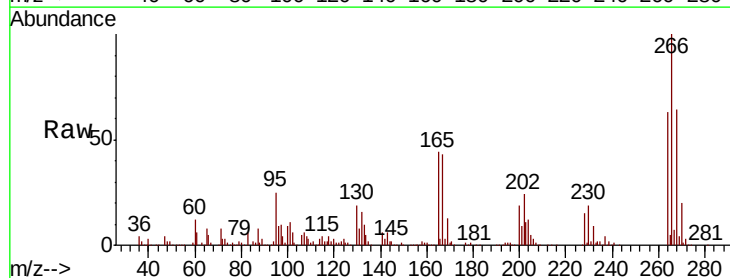
Tgt Ion:266 Resp: 740524

Ion Ratio Lower Upper

266 100

268 64.0 51.3 76.9

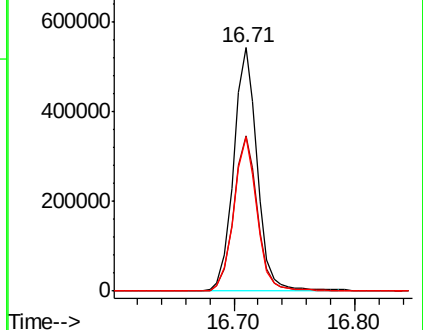
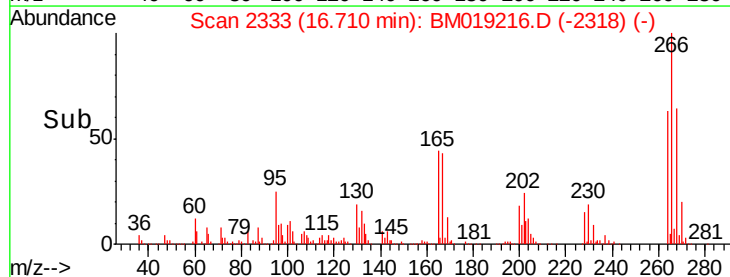
264 63.3 50.0 75.0

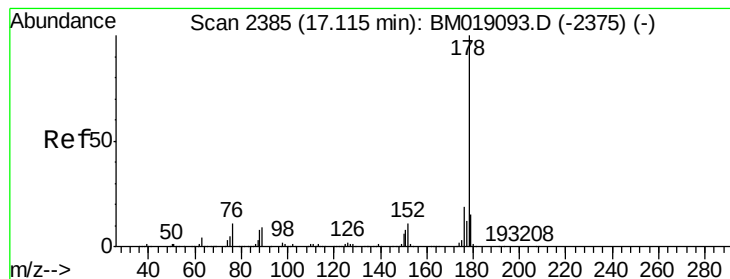


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.674 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

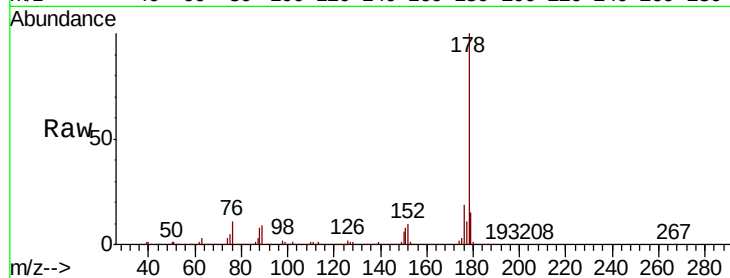
Tgt Ion:178 Resp: 2855133

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.4 12.2 18.2

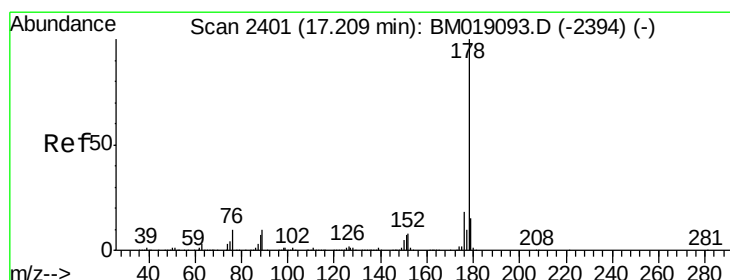
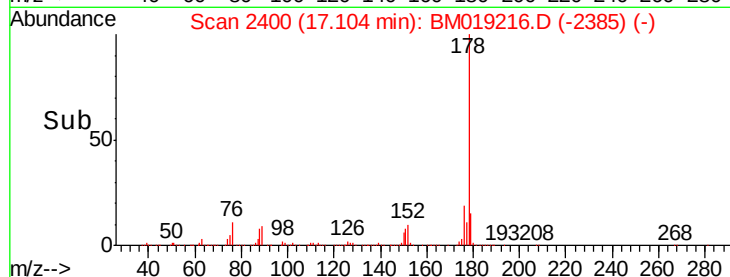
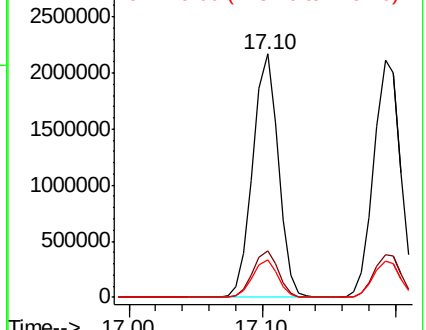


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.307 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

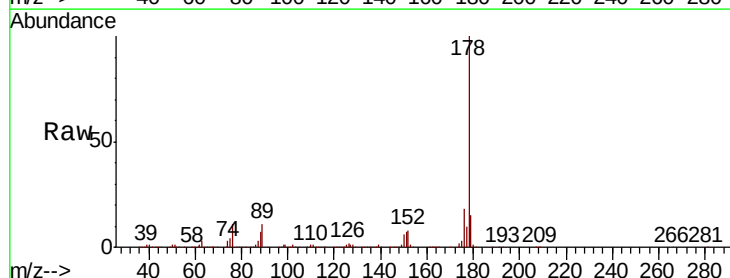
Tgt Ion:178 Resp: 2913103

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

179 15.1 11.9 17.9

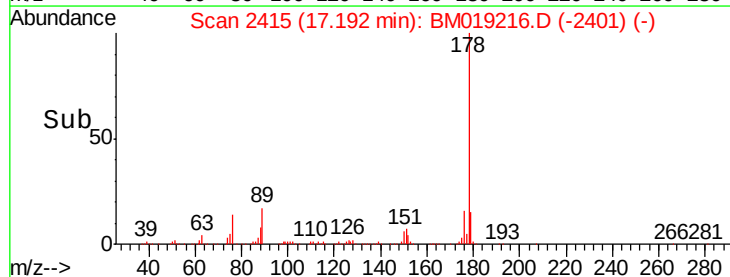
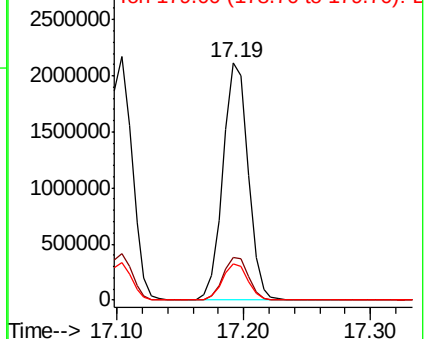


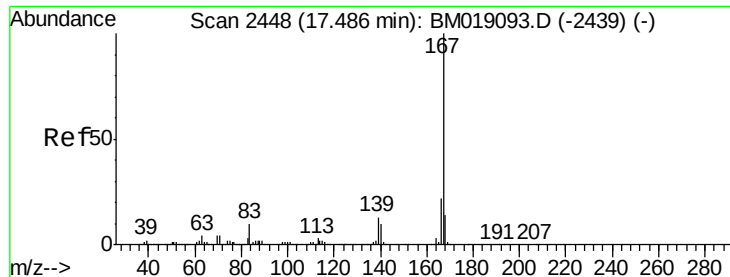
Abundance

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: 37.211 ng

RT: 17.47 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

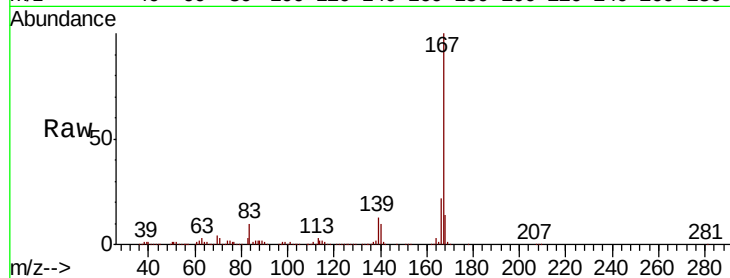
Tgt Ion:167 Resp: 2538275

Ion Ratio Lower Upper

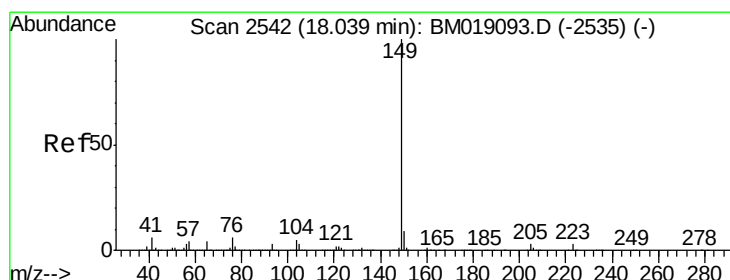
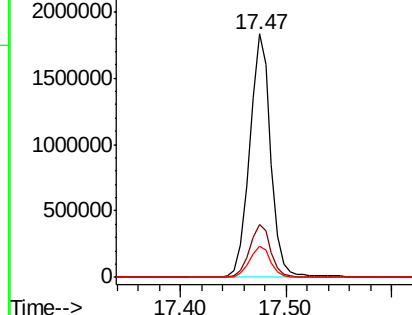
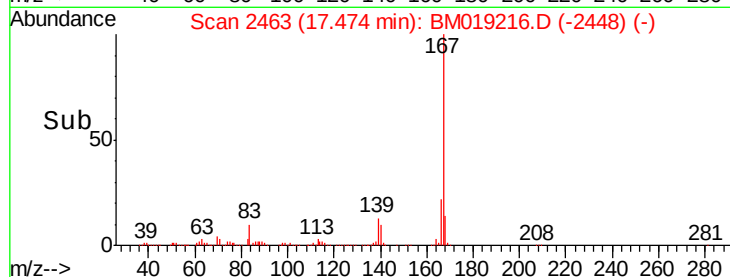
167 100

166 21.8 17.8 26.8

139 12.8 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
2500000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.341 ng

RT: 18.03 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

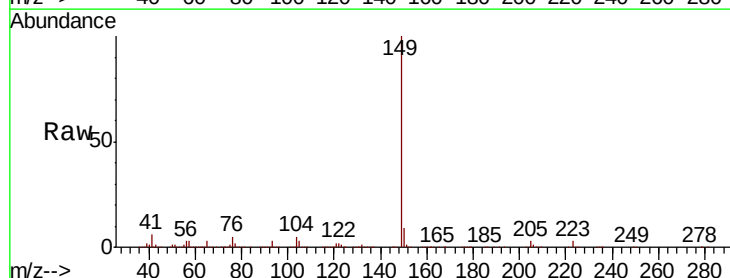
Tgt Ion:149 Resp: 3327584

Ion Ratio Lower Upper

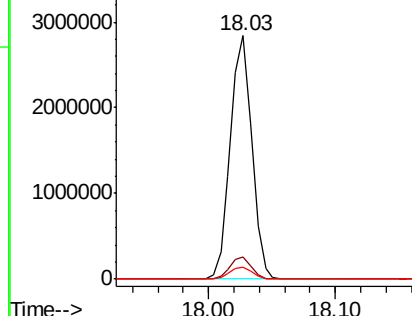
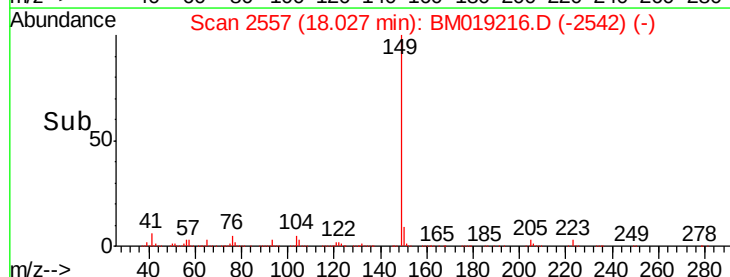
149 100

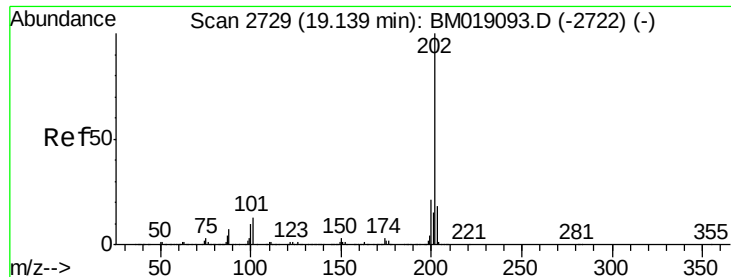
150 9.2 7.4 11.0

104 5.1 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
3000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.891 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

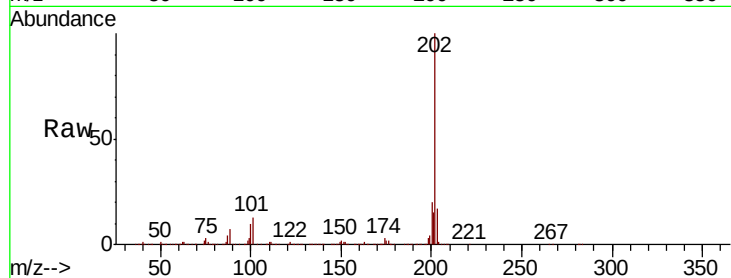
Tgt Ion:202 Resp: 3040434

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.0

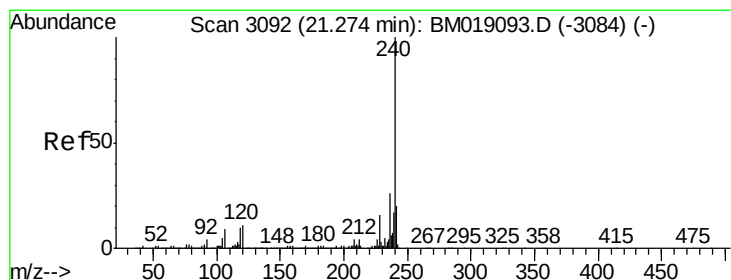
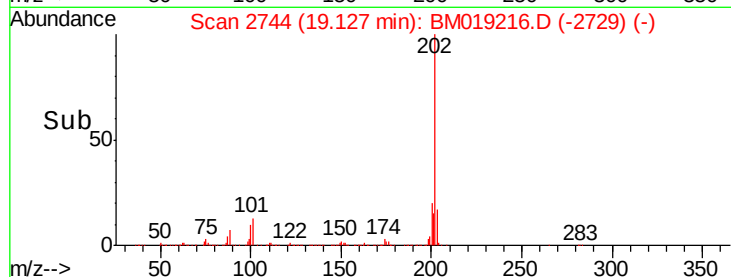
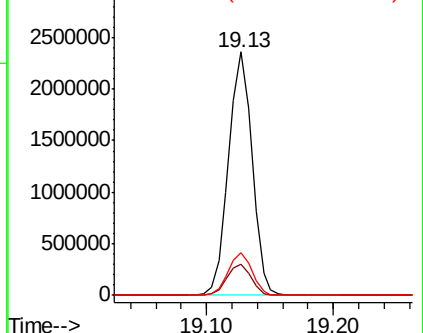
203 17.4 0.0 37.8



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: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

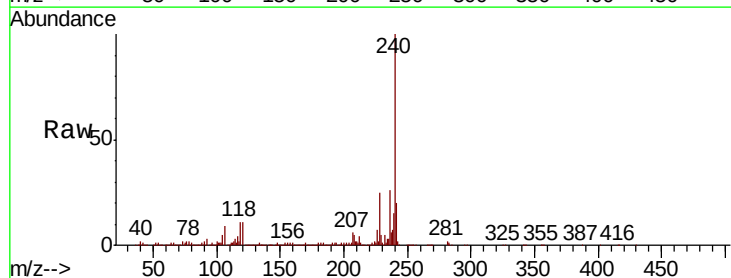
Tgt Ion:240 Resp: 1031358

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

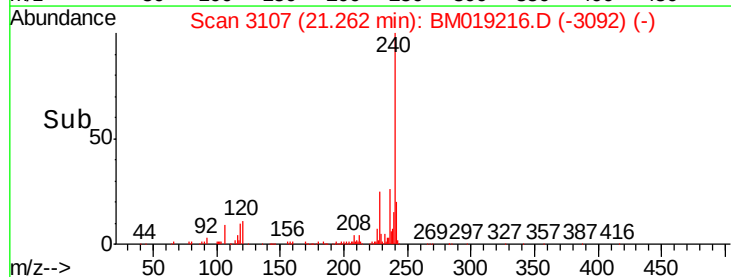
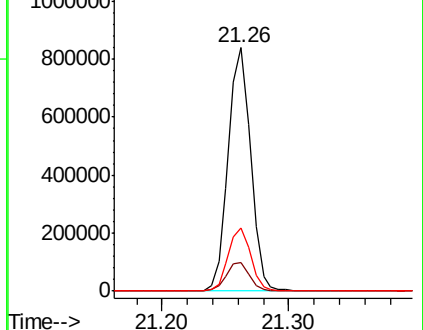
236 25.7 21.0 31.4

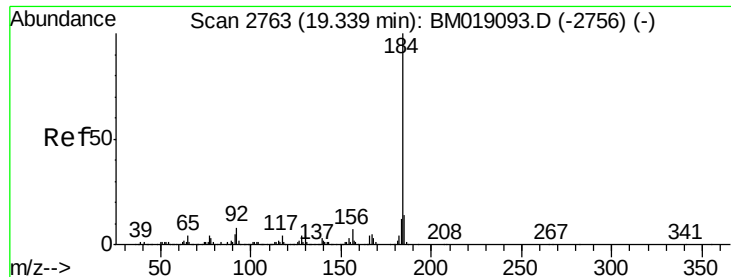


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.223 ng

RT: 19.33 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

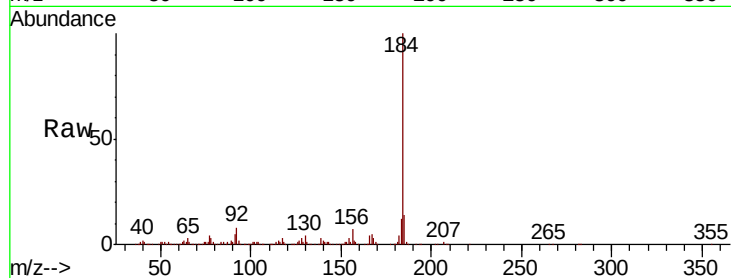
Tgt Ion:184 Resp: 1381258

Ion Ratio Lower Upper

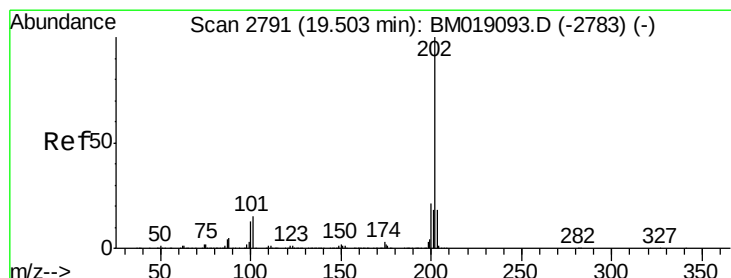
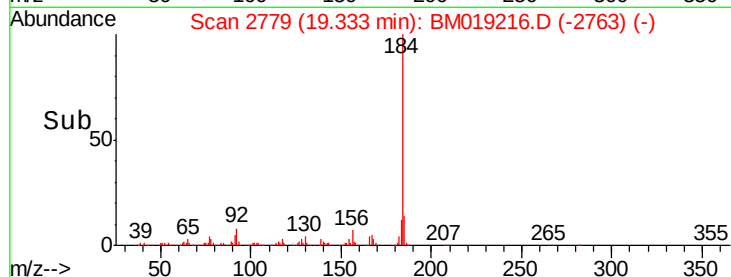
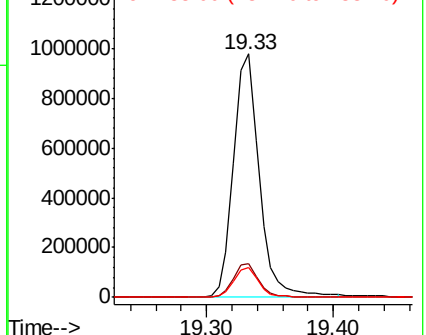
184 100

185 14.0 11.0 16.4

183 12.1 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: 46.858 ng

RT: 19.49 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

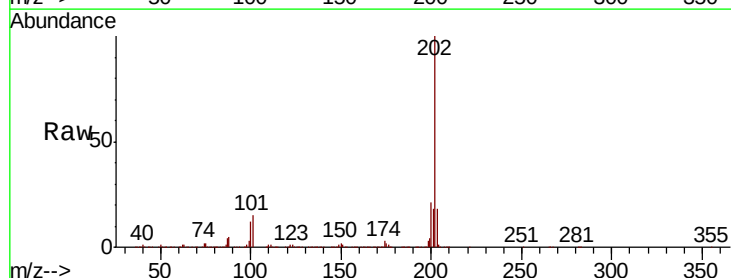
Tgt Ion:202 Resp: 3057752

Ion Ratio Lower Upper

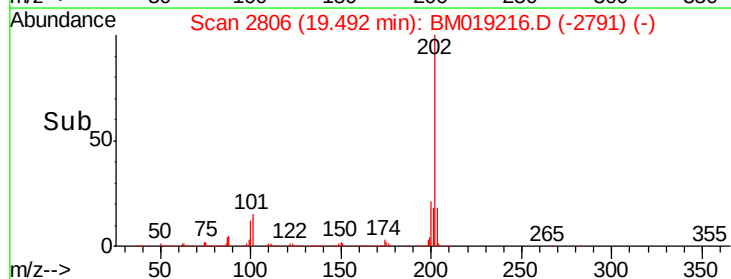
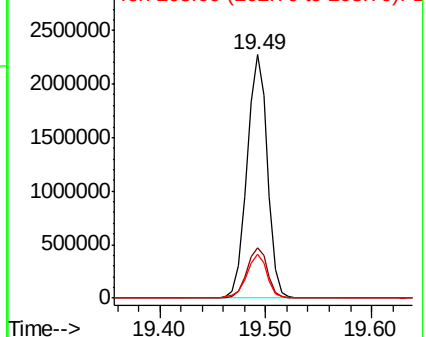
202 100

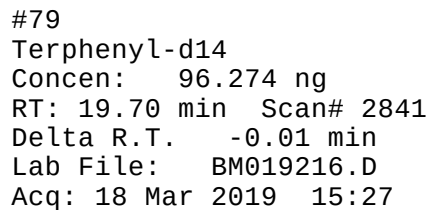
200 20.8 16.9 25.3

203 17.8 14.0 21.0



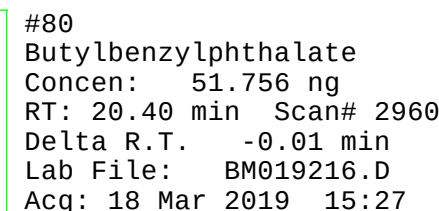
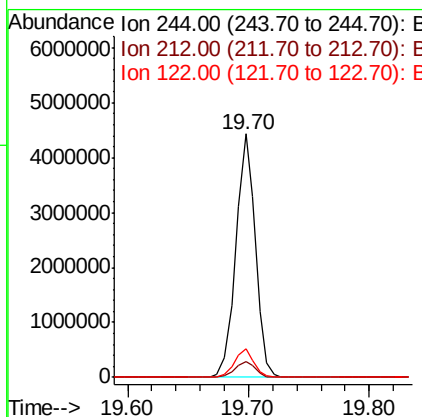
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



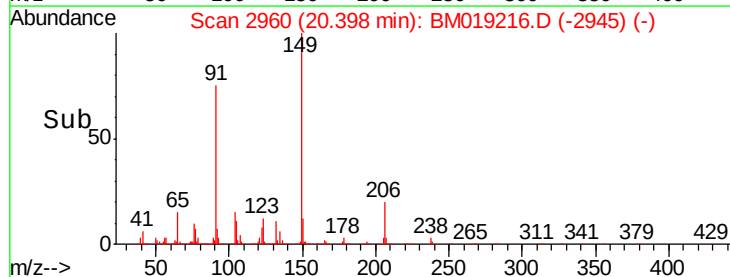
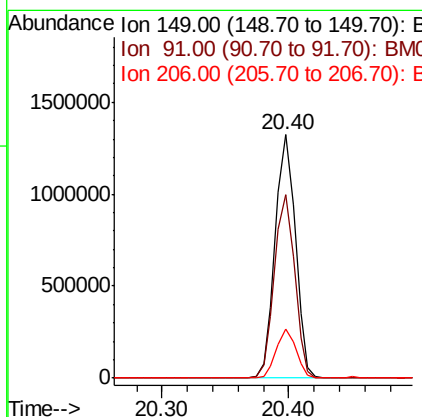


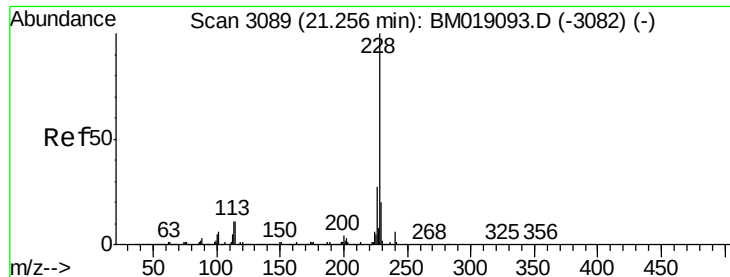
Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tgt	Ion:244	Resp:	5001627
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	11.6	9.4	14.2



Tgt	Ion:149	Resp:	1471014
Ion	Ratio	Lower	Upper
149	100		
91	75.2	60.1	90.1
206	20.0	16.2	24.2





#81

Benzo(a)anthracene

Concen: 38.792 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

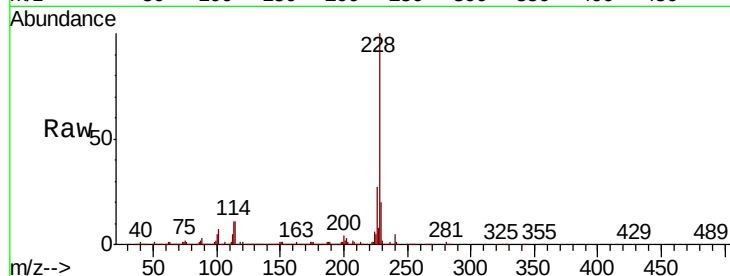
Tgt Ion:228 Resp: 2509975

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

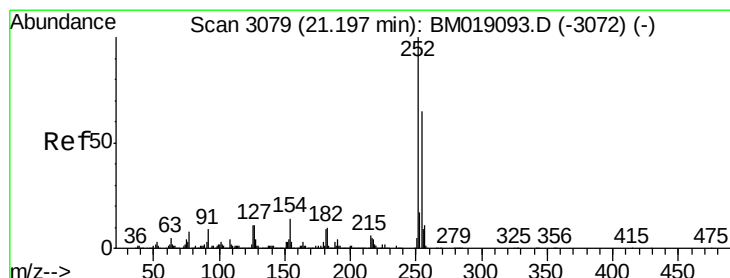
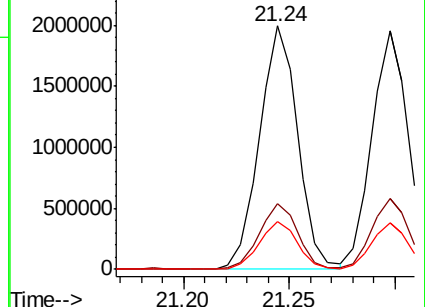
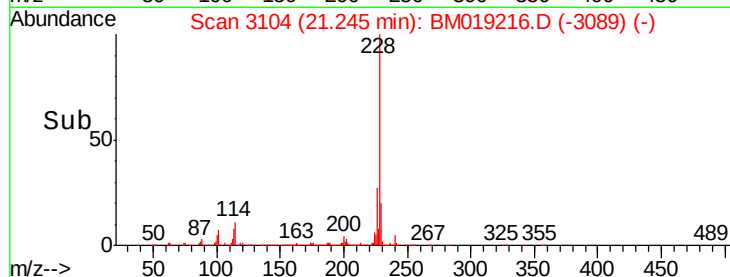
229 19.7 15.8 23.6



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: 29.279 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

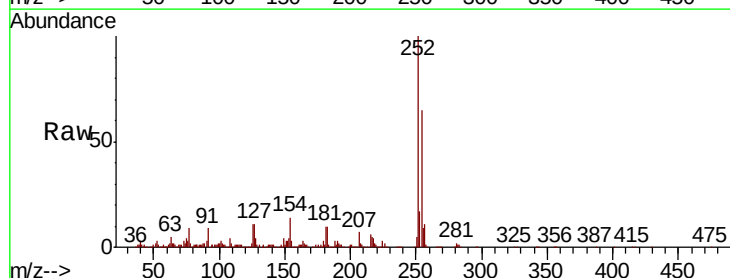
Tgt Ion:252 Resp: 729802

Ion Ratio Lower Upper

252 100

254 65.1 52.4 78.6

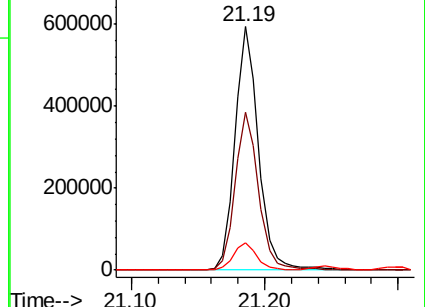
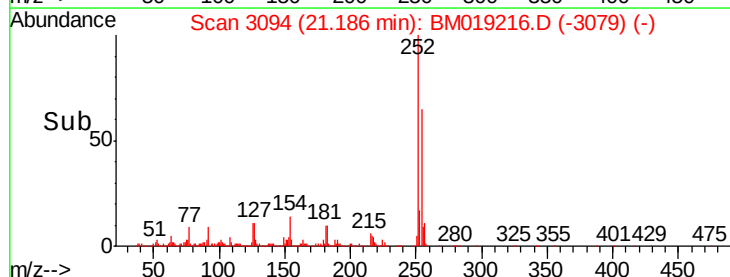
126 11.4 9.0 13.6

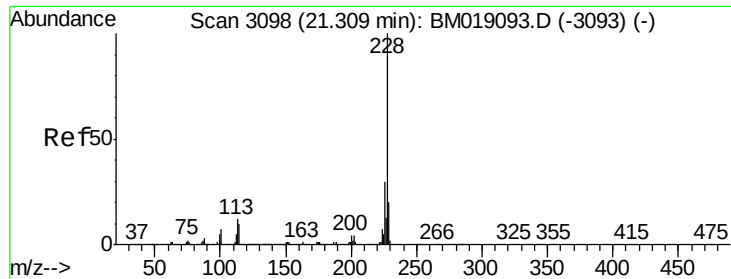


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.684 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

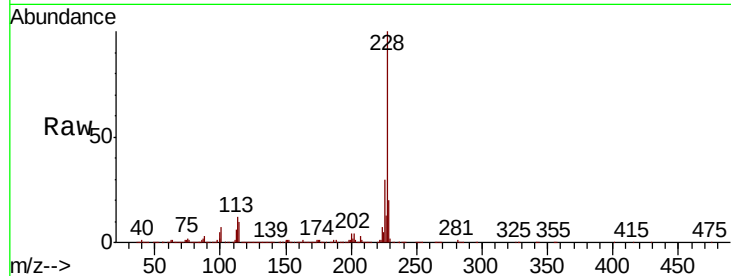
Tgt Ion:228 Resp: 2358903

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 19.7 15.7 23.5

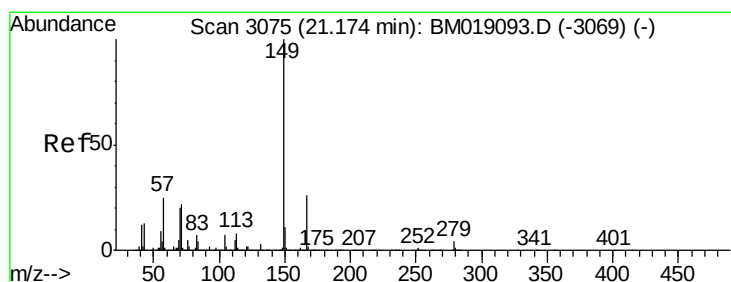
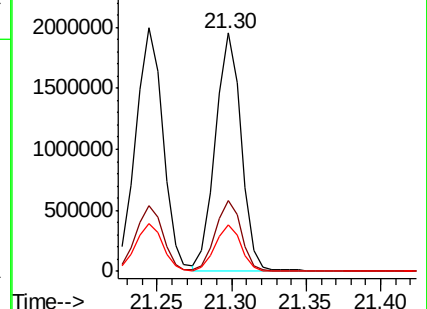
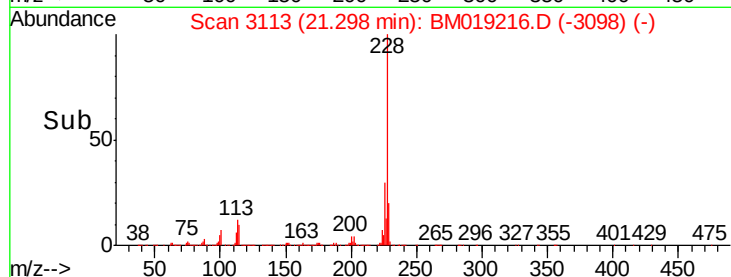


Abundance

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: 51.940 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

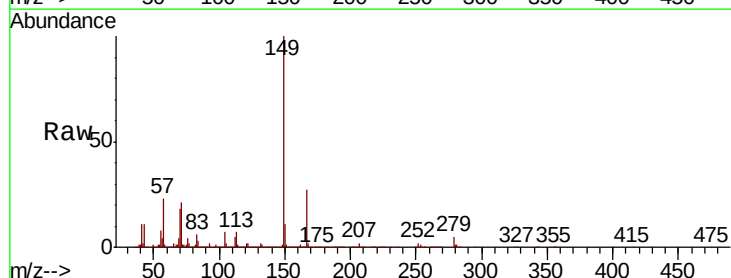
Tgt Ion:149 Resp: 2147697

Ion Ratio Lower Upper

149 100

167 27.5 21.1 31.7

279 4.9 3.2 4.8#

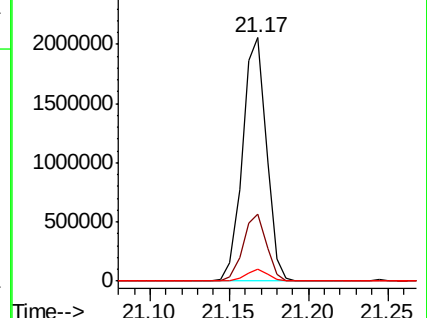
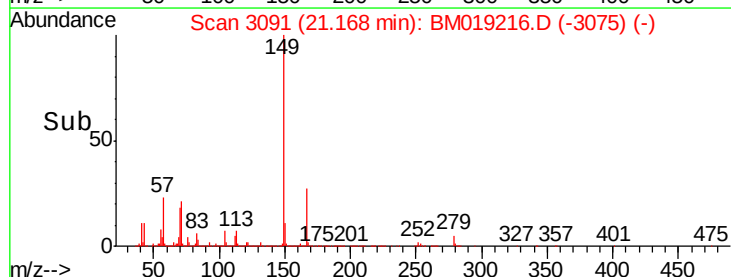


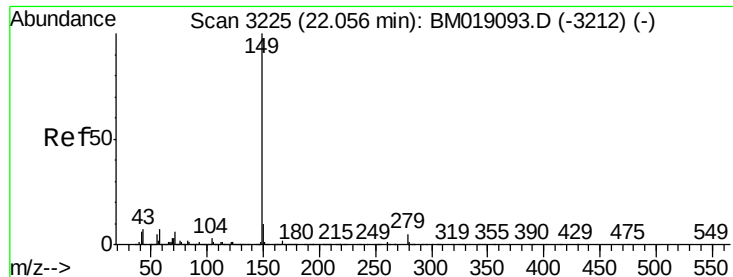
Abundance

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: 48.354 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

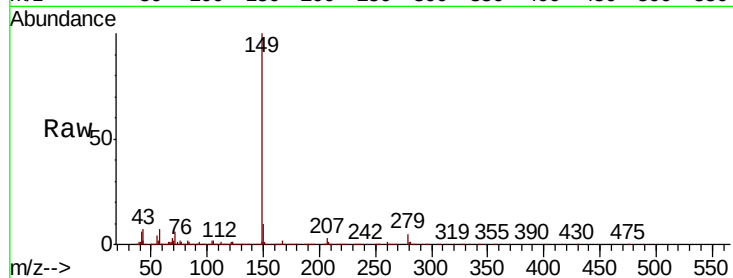
Tgt Ion:149 Resp: 3366796

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

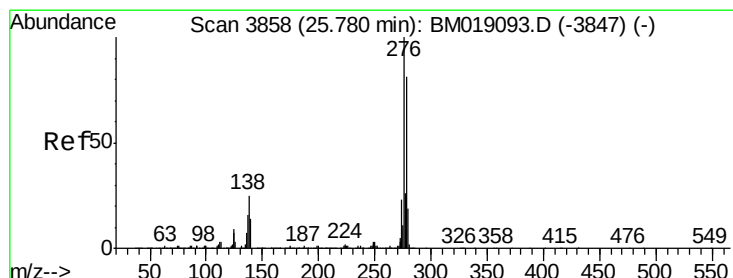
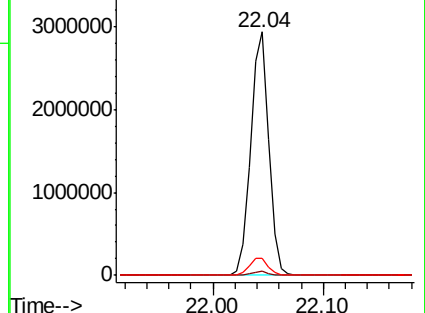
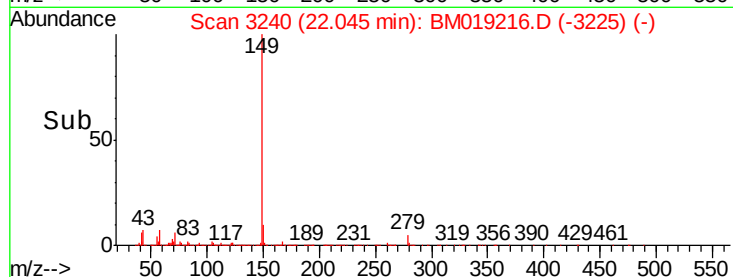
43 7.6 6.1 9.1



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: 39.814 ng

RT: 25.76 min Scan# 3871

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

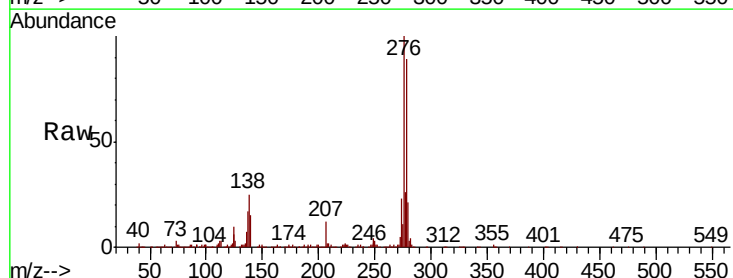
Tgt Ion:276 Resp: 2682826

Ion Ratio Lower Upper

276 100

138 24.9 19.8 29.8

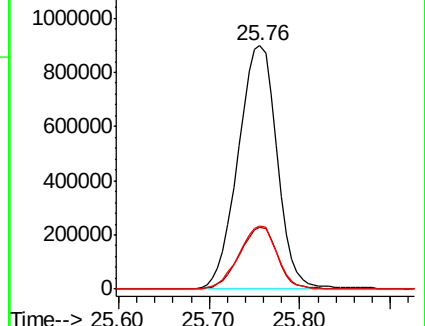
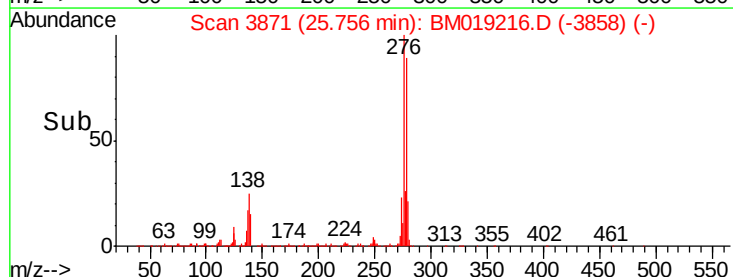
277 25.5 20.3 30.5

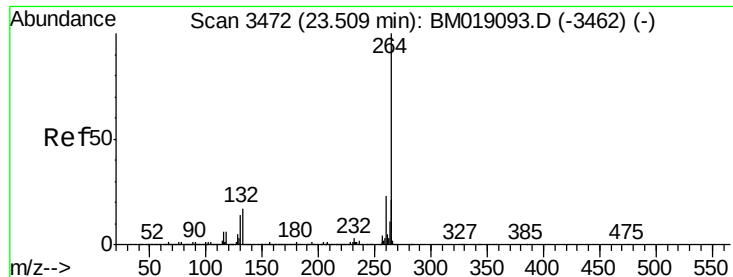


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.49 min Scan# 3486

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

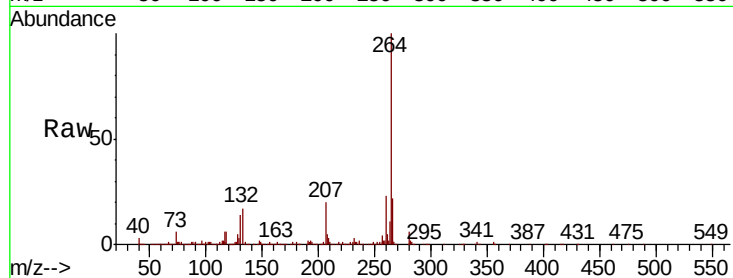
Tgt Ion:264 Resp: 911770

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.9 17.3 25.9

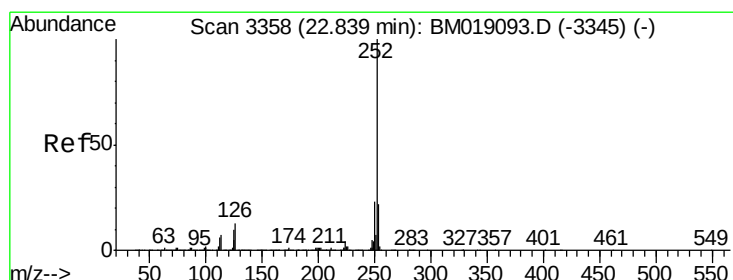
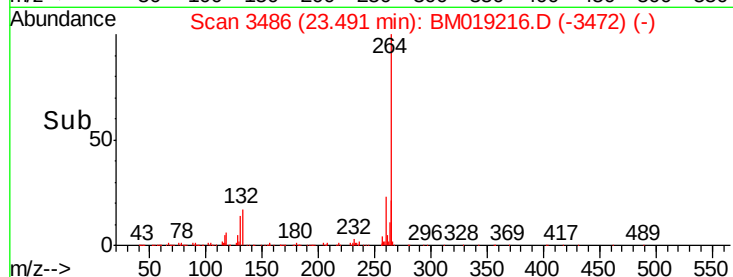
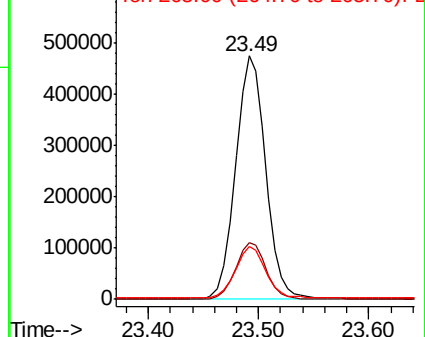


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.411 ng

RT: 22.82 min Scan# 3372

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

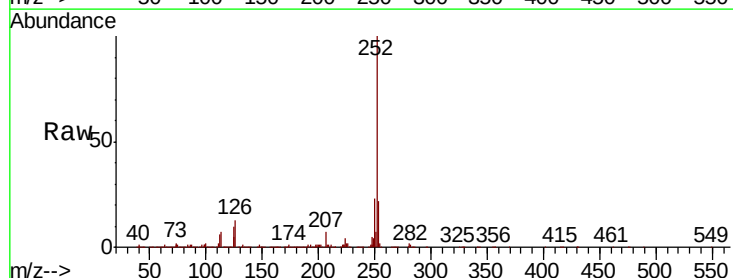
Tgt Ion:252 Resp: 2328432

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 10.3 8.1 12.1

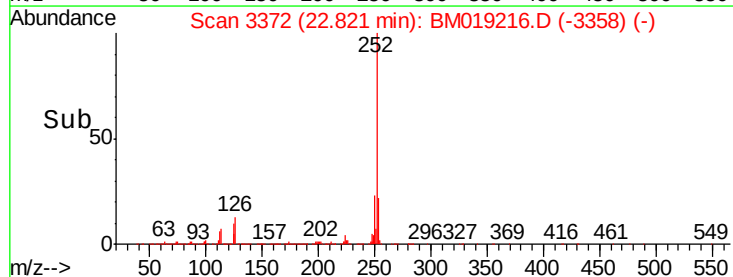
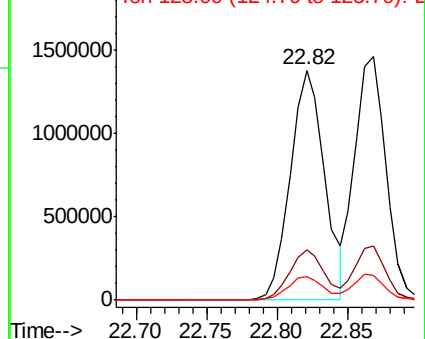


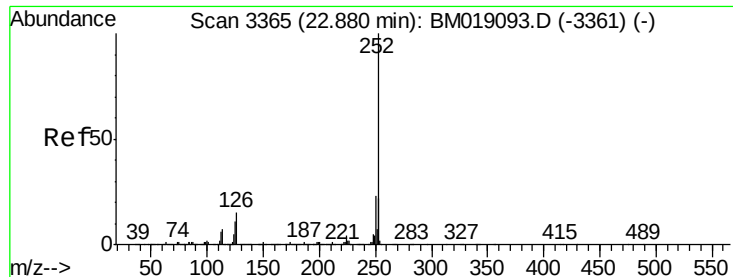
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.201 ng

RT: 22.87 min Scan# 3380

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

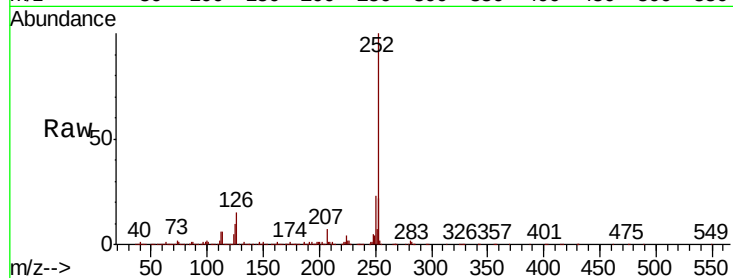
Tgt Ion:252 Resp: 2238902

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.3 8.8 13.2

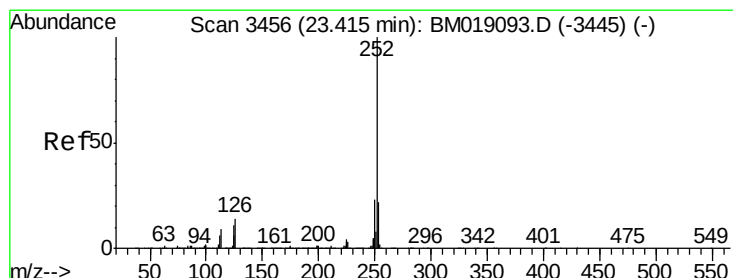
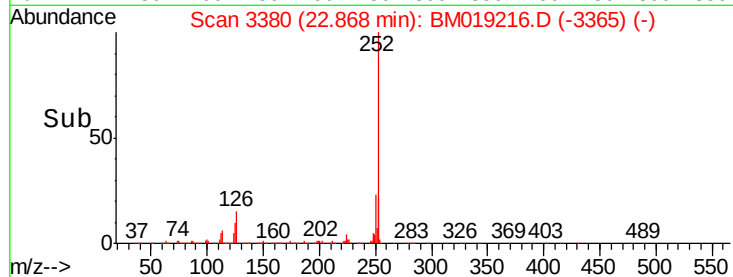
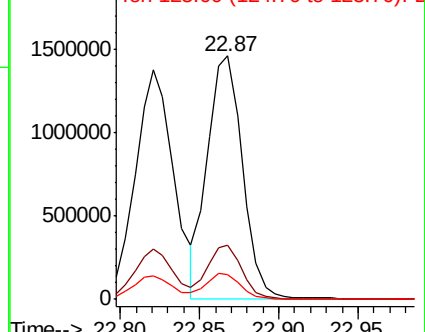


Abundance

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: 41.335 ng

RT: 23.40 min Scan# 3470

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

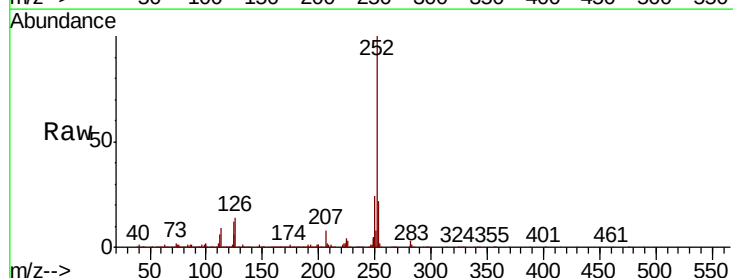
Tgt Ion:252 Resp: 2194641

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 11.6 9.2 13.8

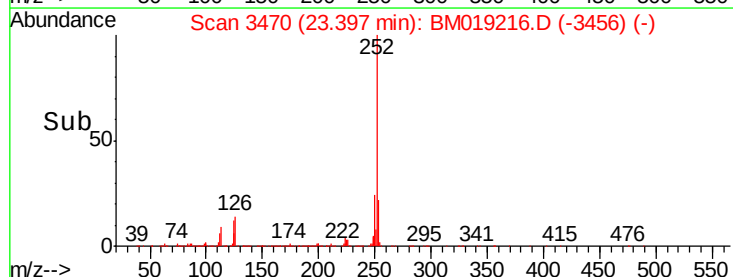
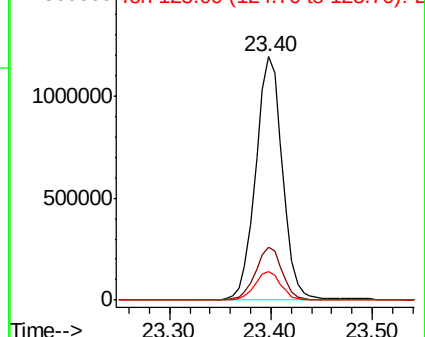


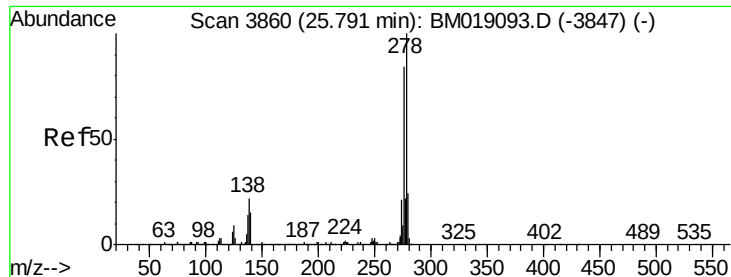
Abundance

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: 45.283 ng

RT: 25.76 min Scan# 3872

Delta R.T. -0.03 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

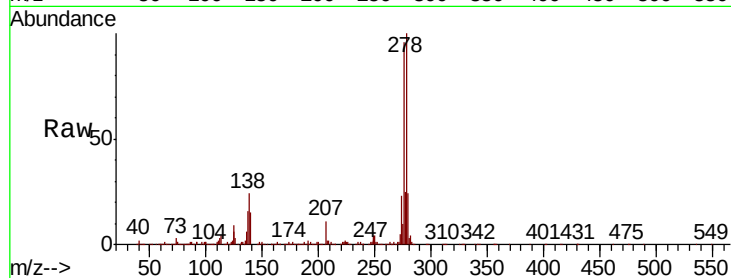
Tgt Ion:278 Resp: 2299893

Ion Ratio Lower Upper

278 100

139 15.4 12.3 18.5

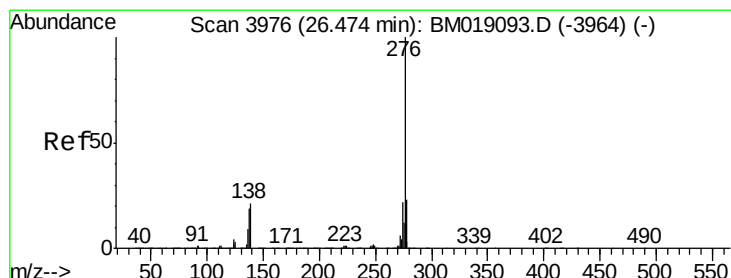
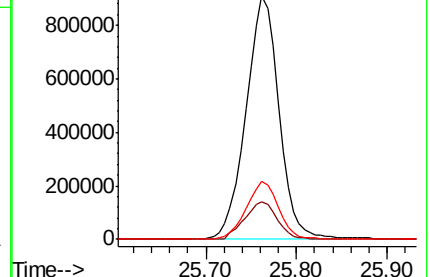
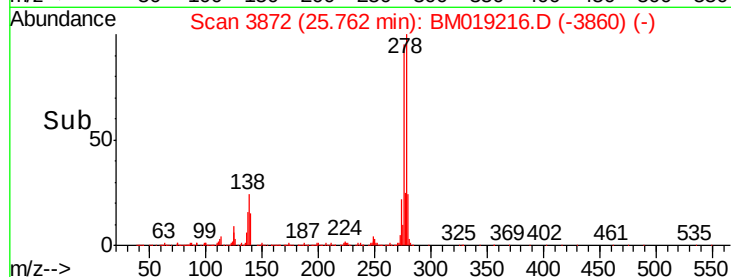
279 23.7 18.9 28.3



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: 47.013 ng

RT: 26.45 min Scan# 3989

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

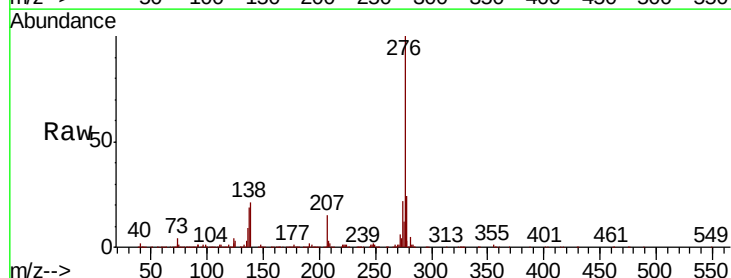
Tgt Ion:276 Resp: 2192199

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 20.6 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

