

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031819\
 Data File : BM019214.D
 Acq On : 18 Mar 2019 14:15
 Operator : JU/SJ
 Sample : K1933-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-1MS

Quant Time: Mar 19 04:11:43 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	255673	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	1097010	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	628292	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1301691	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	990406	20.00	ng	-0.01
87) Perylene-d12	23.50	264	925252	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1943826	123.13	ng	0.00
7) Phenol-d6	6.84	99	3221238	139.49	ng	0.00
23) Nitrobenzene-d5	8.82	82	2030528	87.50	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1585009	170.86	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4283821	88.69	ng	-0.02
79) Terphenyl-d14	19.70	244	7203995	144.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	151373	21.554	ng	99
3) Pyridine	3.61	79	458180	23.980	ng	99
4) n-Nitrosodimethylamine	3.53	42	156231	26.301	ng	93
6) Aniline	7.00	93	357817	12.002	ng	99
8) 2-Chlorophenol	7.22	128	635475	33.496	ng	98
9) Benzaldehyde	6.82	77	248210	17.088	ng	100
10) Phenol	6.86	94	944115	37.936	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	591479	31.146	ng	99
12) 1,3-Dichlorobenzene	7.53	146	554988	27.643	ng	98
13) 1,4-Dichlorobenzene	7.69	146	578054	28.241	ng	99
14) 1,2-Dichlorobenzene	8.00	146	578026	29.026	ng	98
15) Benzyl Alcohol	7.90	79	690652	36.137	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.17	45	598387	30.860	ng	98
17) 2-Methylphenol	8.10	107	615731	37.967	ng	100
18) Hexachloroethane	8.71	117	206716	27.178	ng	95
19) n-Nitroso-di-n-propylamine	8.46	70	662785	34.985	ng	99
20) 3+4-Methylphenols	8.43	107	872446	39.633	ng	99
22) Acetophenone	8.48	105	1066909	35.192	ng	# 99
24) Nitrobenzene	8.86	77	877177	36.343	ng	99
25) Isophorone	9.38	82	1665496	37.610	ng	99
26) 2-Nitrophenol	9.56	139	384815	38.464	ng	99
27) 2,4-Dimethylphenol	9.62	122	704487	47.366	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	987214	37.650	ng	99
29) 2,4-Dichlorophenol	10.09	162	719437	43.675	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	655702	35.302	ng	100
31) Naphthalene	10.49	128	2097895	36.283	ng	99
32) Benzoic acid	9.79	122	265969	21.115	ng	98
33) 4-Chloroaniline	10.63	127	151652	6.398	ng	99
34) Hexachlorobutadiene	10.75	225	342431	32.126	ng	98
35) Caprolactam	11.45	113	113887	19.409	ng	94
36) 4-Chloro-3-methylphenol	11.74	107	812023	39.952	ng	100
37) 2-Methylnaphthalene	12.10	142	1668050	39.700	ng	100
38) 1-Methylnaphthalene	12.33	142	1590391	38.402	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	796594	40.081	ng	99

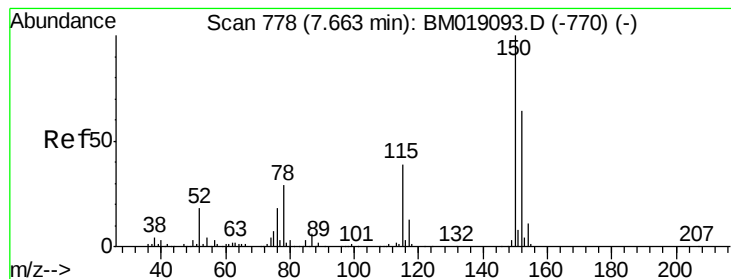
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031819\
 Data File : BM019214.D
 Acq On : 18 Mar 2019 14:15
 Operator : JU/SJ
 Sample : K1933-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-1MS

Quant Time: Mar 19 04:11:43 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)
41) Hexachlorocyclopentadiene	12.43	237	608969	67.645	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	581931	45.309	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	609937	44.410	ng	99
46) 1,1'-Biphenyl	13.13	154	2122801	38.688	ng	99
47) 2-Chloronaphthalene	13.17	162	1681271	41.050	ng	100
48) 2-Nitroaniline	13.40	65	565637	41.180	ng	98
49) Acenaphthylene	14.03	152	2630830	37.990	ng	100
50) Dimethylphthalate	13.78	163	2277216	42.369	ng	99
51) 2,6-Dinitrotoluene	13.90	165	479730	41.290	ng	100
52) Acenaphthene	14.37	154	1533119	38.528	ng	98
53) 3-Nitroaniline	14.24	138	247775	20.135	ng	99
54) 2,4-Dinitrophenol	14.45	184	431126	63.894	ng	97
55) Dibenzofuran	14.71	168	2483531	38.701	ng	98
56) 4-Nitrophenol	14.56	139	955184	95.070	ng	97
57) 2,4-Dinitrotoluene	14.70	165	744062	44.117	ng	99
58) Fluorene	15.36	166	2074250	39.214	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	583397	45.628	ng	99
60) Diethylphthalate	15.14	149	2367769	43.497	ng	98
61) 4-Chlorophenyl-phenylether	15.36	204	1015234	39.517	ng	99
62) 4-Nitroaniline	15.42	138	527779	42.558	ng	100
63) Azobenzene	15.65	77	2291188	39.999	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	368993	43.259	ng	97
66) n-Nitrosodiphenylamine	15.58	169	1944592	46.924	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	647390	45.101	ng	98
68) Hexachlorobenzene	16.36	284	783914	45.935	ng	98
69) Atrazine	16.54	200	603112	43.233	ng	98
70) Pentachlorophenol	16.71	266	1066095	103.687	ng	100
71) Phenanthrene	17.10	178	3595833	47.130	ng	100
72) Anthracene	17.20	178	3726187	49.888	ng	99
73) Carbazole	17.48	167	3598279	51.042	ng	99
74) Di-n-butylphthalate	18.03	149	4925467	57.779	ng	100
75) Fluoranthene	19.13	202	4304562	49.168	ng	100
77) Benzidine	19.33	184	1006423	35.830	ng	99
78) Pyrene	19.49	202	4302270	68.656	ng	100
80) Butylbenzylphthalate	20.40	149	2144746	78.580	ng	100
81) Benzo(a)anthracene	21.24	228	3478574	55.985	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	686805	28.693	ng	98
83) Chrysene	21.30	228	3349480	55.721	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	3151735	79.373	ng	99
85) Di-n-octyl phthalate	22.04	149	4689022	70.128	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	4072106	62.930	ng	100
88) Benzo(b)fluoranthene	22.83	252	3303877	55.107	ng	99
89) Benzo(k)fluoranthene	22.87	252	3348955	60.731	ng	99
90) Benzo(a)pyrene	23.40	252	3224612	59.850	ng	100
91) Dibenzo(a,h)anthracene	25.77	278	3477874	67.479	ng	100
92) Benzo(g,h,i)perylene	26.46	276	3297374	69.684	ng	98

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

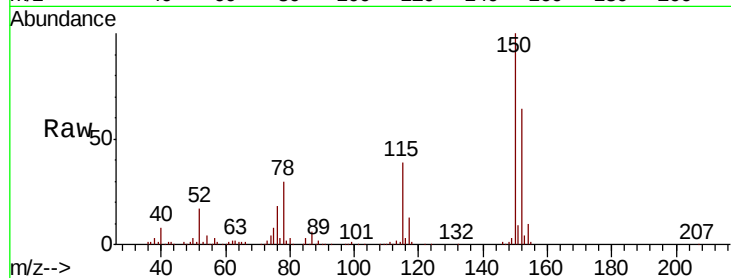


#1

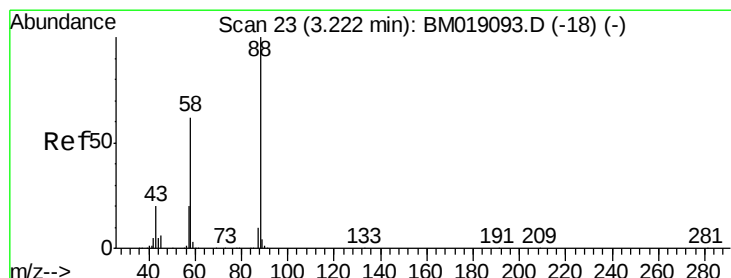
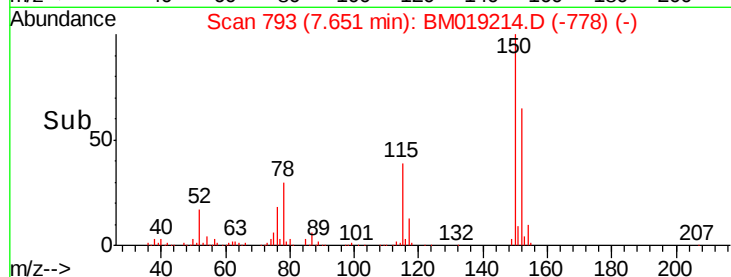
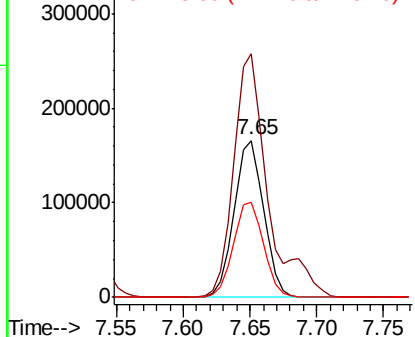
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampleId :
S-1MS

Tgt Ion:152 Resp: 255673
Ion Ratio Lower Upper
152 100
150 155.1 125.3 187.9
115 60.5 49.4 74.0



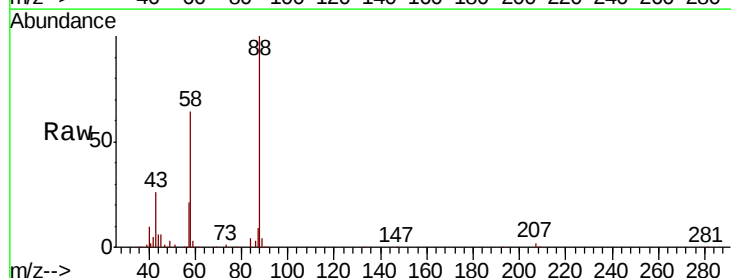
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



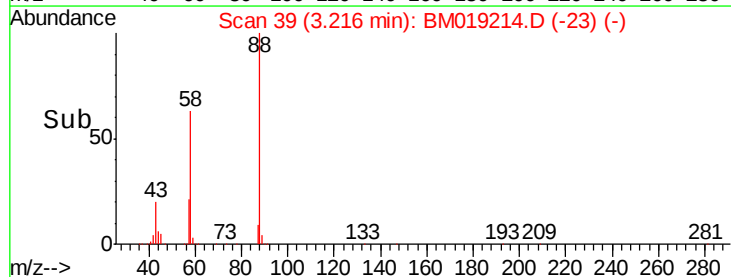
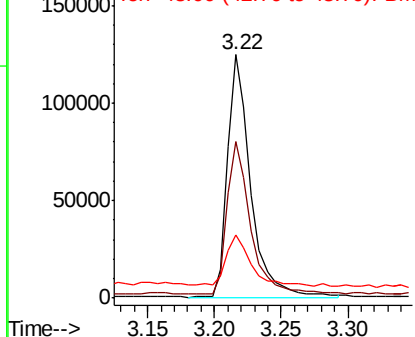
#2

1,4-Dioxane
Concen: 21.554 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion: 88 Resp: 151373
Ion Ratio Lower Upper
88 100
58 63.0 50.0 75.0
43 22.8 17.0 25.4



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





#3

Pyridine

Concen: 23.980 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

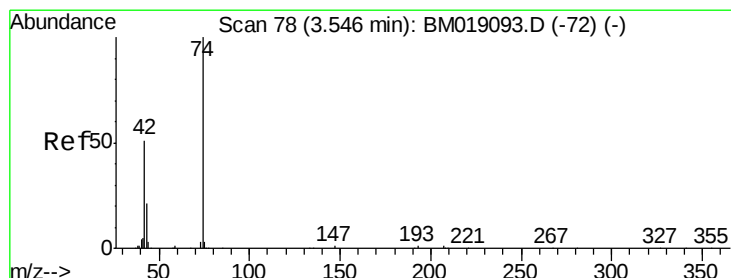
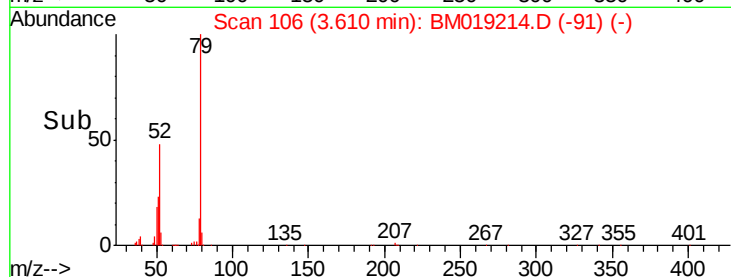
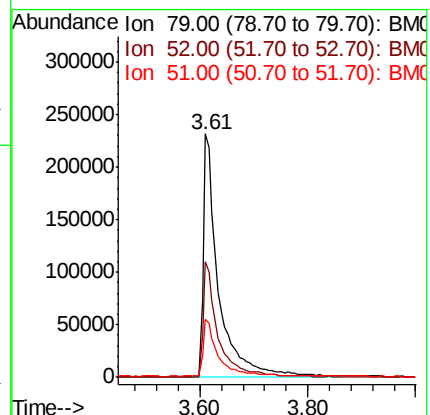
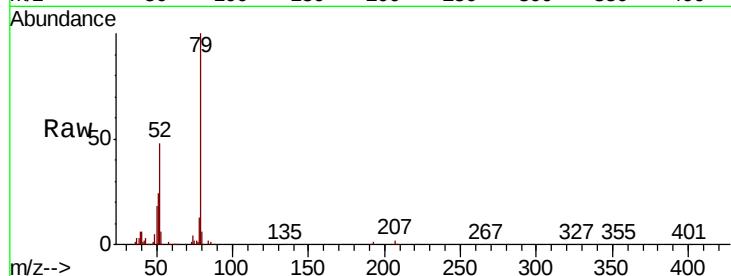
Tgt Ion: 79 Resp: 458180

Ion Ratio Lower Upper

79 100

52 47.7 37.5 56.3

51 24.1 19.2 28.8



#4

n-Nitrosodimethylamine

Concen: 26.301 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

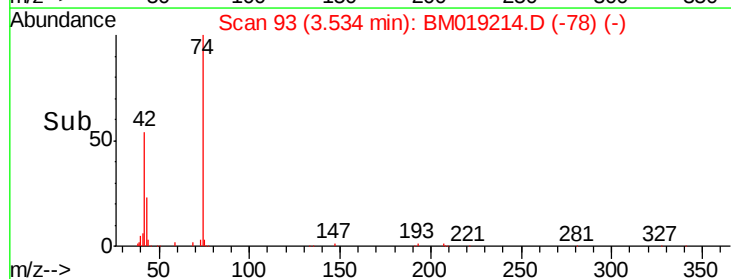
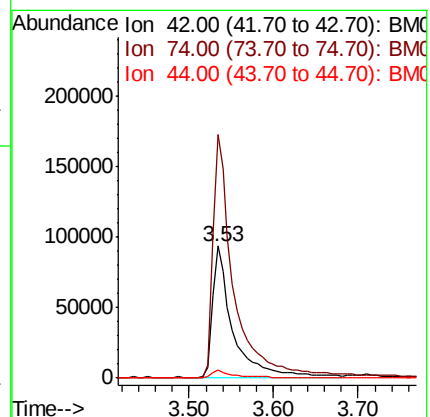
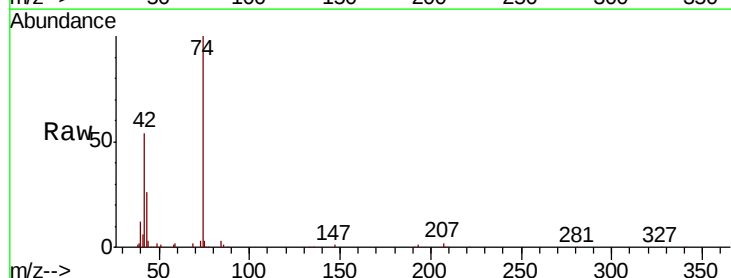
Tgt Ion: 42 Resp: 156231

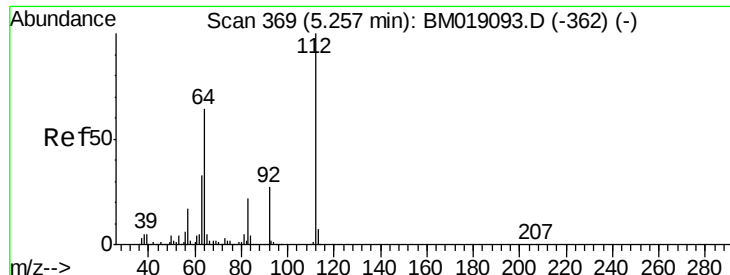
Ion Ratio Lower Upper

42 100

74 184.2 156.3 234.5

44 6.2 4.6 7.0





#5

2-Fluorophenol

Concen: 123.125 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

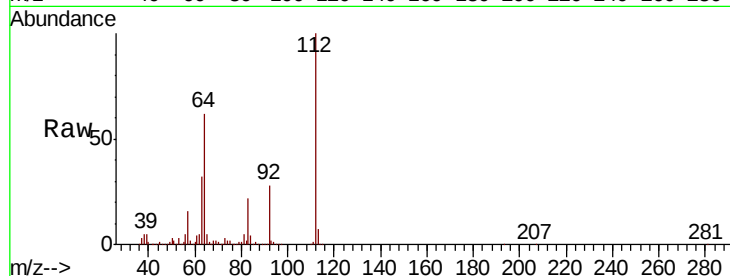
Tgt Ion: 112 Resp: 1943826

Ion Ratio Lower Upper

112 100

64 62.0 51.4 77.0

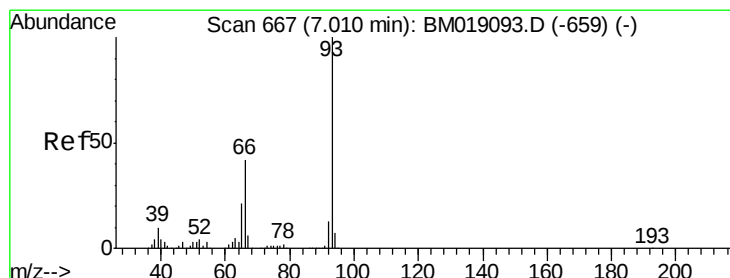
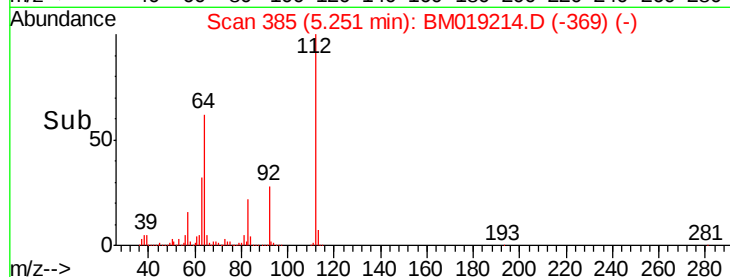
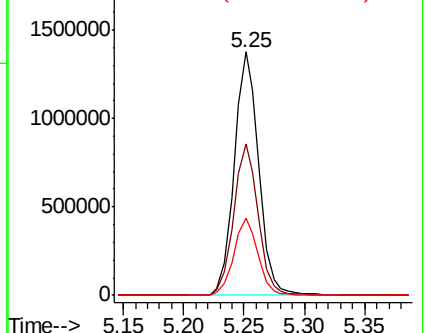
63 31.5 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 12.002 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

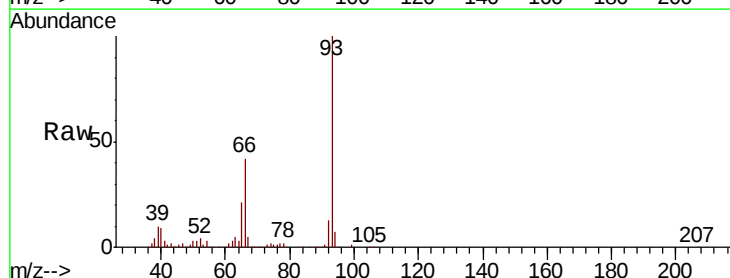
Tgt Ion: 93 Resp: 357817

Ion Ratio Lower Upper

93 100

66 41.5 33.4 50.2

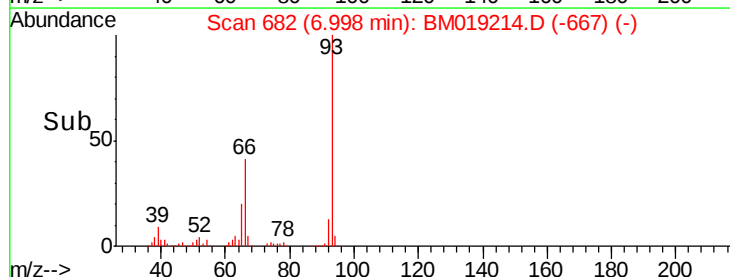
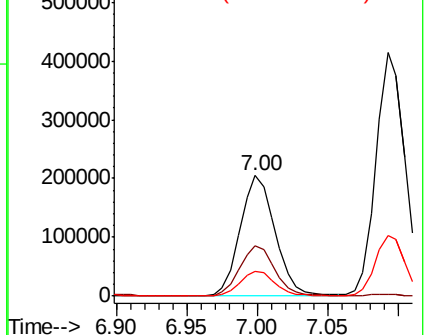
65 20.5 16.8 25.2

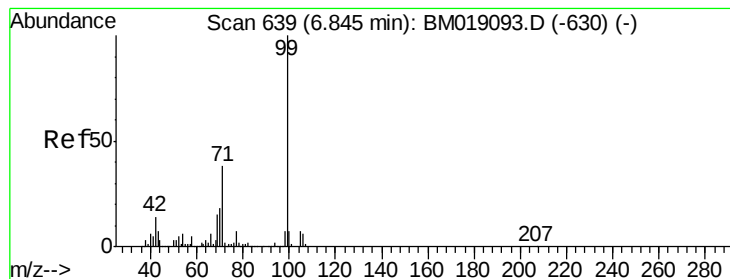


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 139.494 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

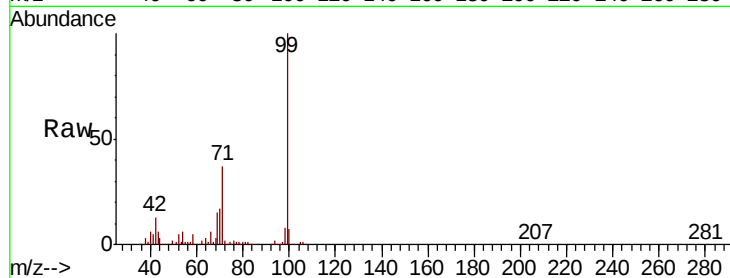
Tgt Ion: 99 Resp: 3221238

Ion Ratio Lower Upper

99 100

42 13.3 10.9 16.3

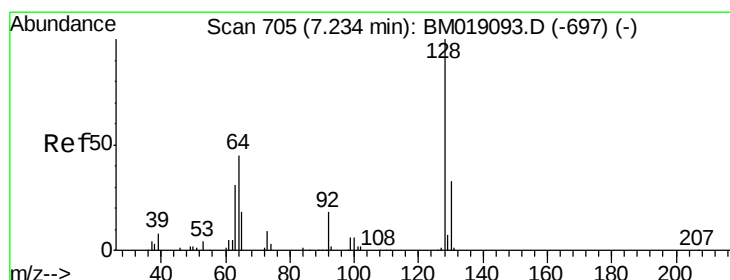
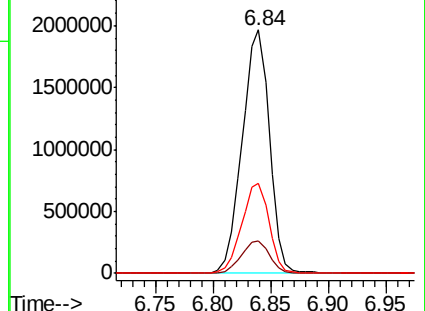
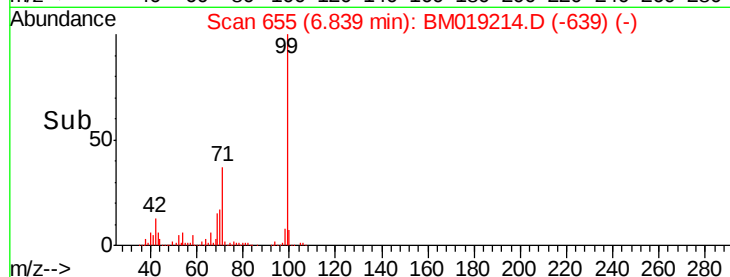
71 37.0 30.3 45.5



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: 33.496 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

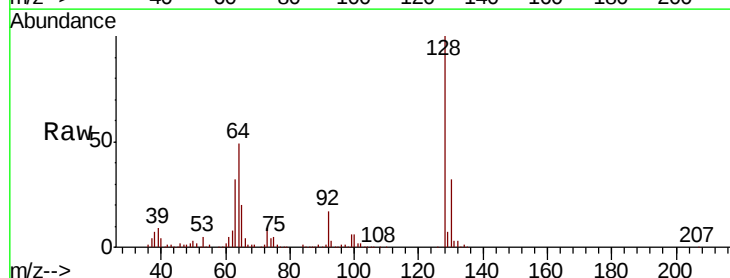
Tgt Ion: 128 Resp: 635475

Ion Ratio Lower Upper

128 100

130 32.2 12.8 52.8

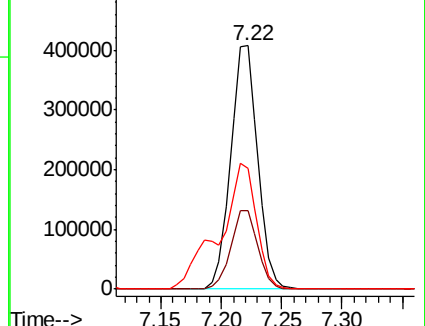
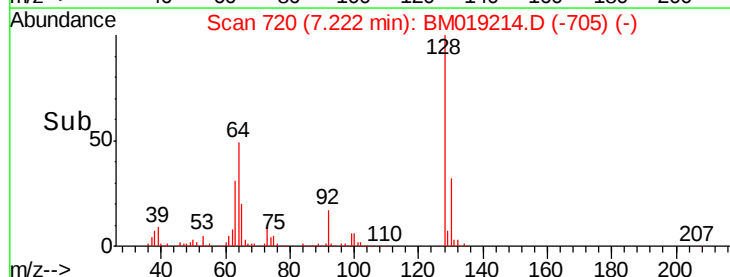
64 49.4 30.8 70.8



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: 17.088 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

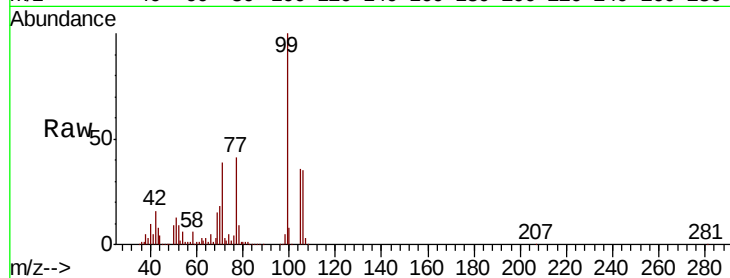
Tgt Ion: 77 Resp: 248210

Ion Ratio Lower Upper

77 100

105 88.1 67.7 107.7

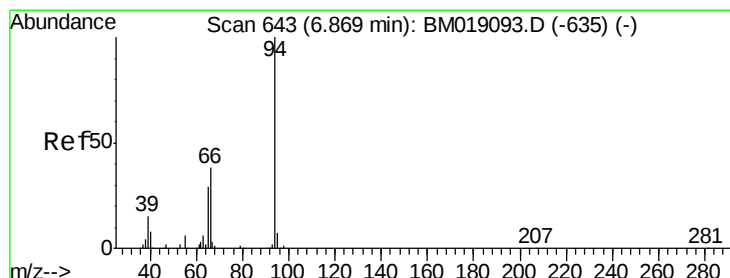
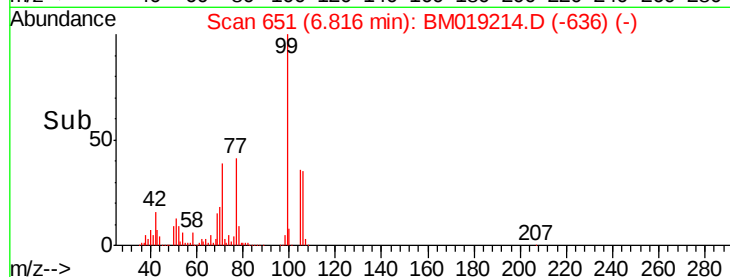
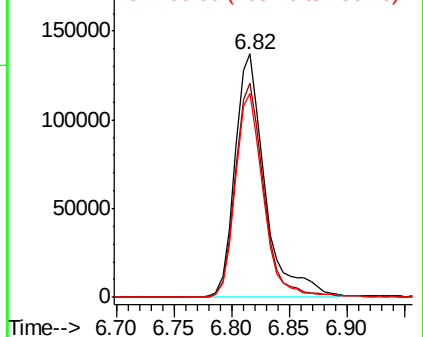
106 83.8 64.1 104.1



Abundance Ion 77.00 (76.70 to 77.70): BM019214.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM019214.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM019214.D (-636) (-)



#10

Phenol

Concen: 37.936 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

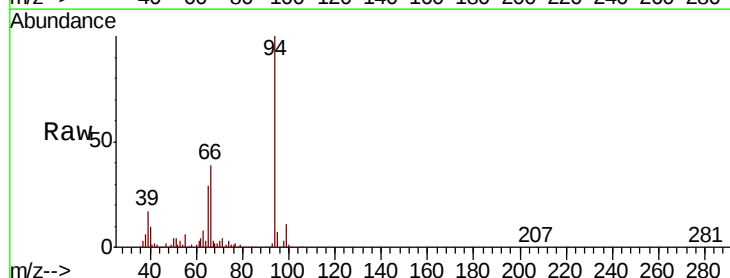
Tgt Ion: 94 Resp: 944115

Ion Ratio Lower Upper

94 100

65 29.0 9.7 49.7

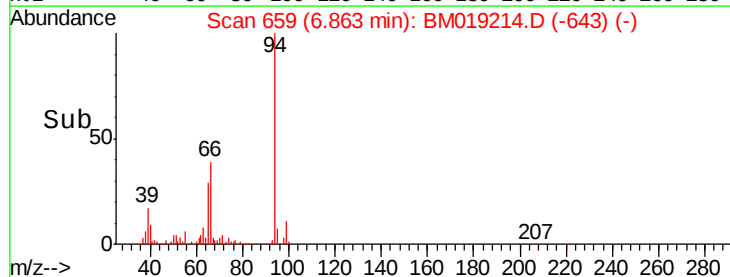
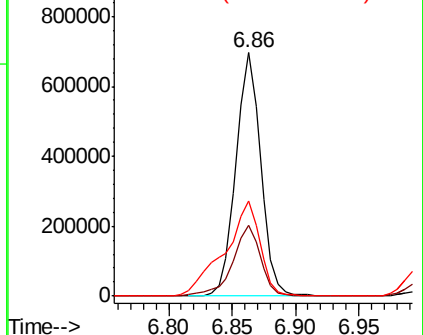
66 38.9 19.2 59.2

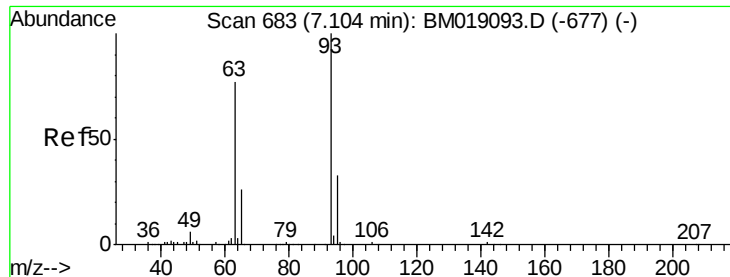


Abundance Ion 94.00 (93.70 to 94.70): BM019214.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM019214.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM019214.D (-643) (-)

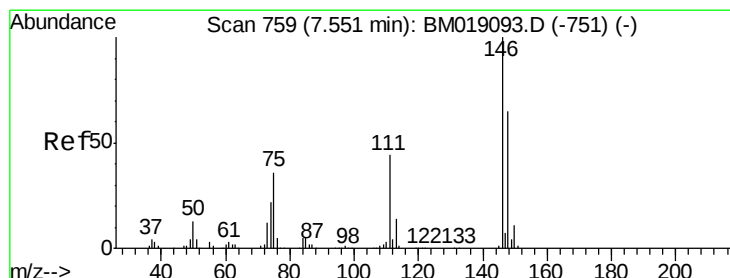
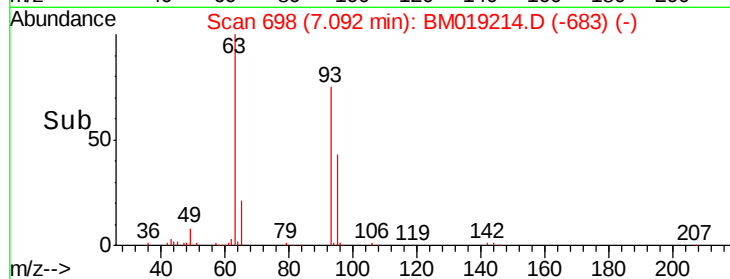
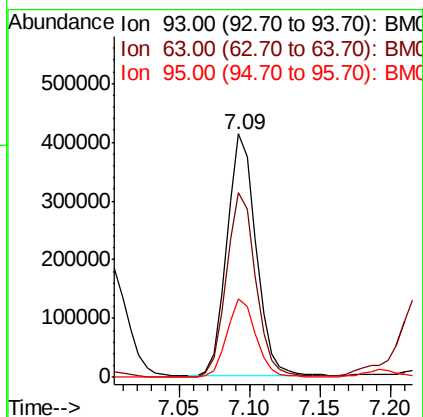
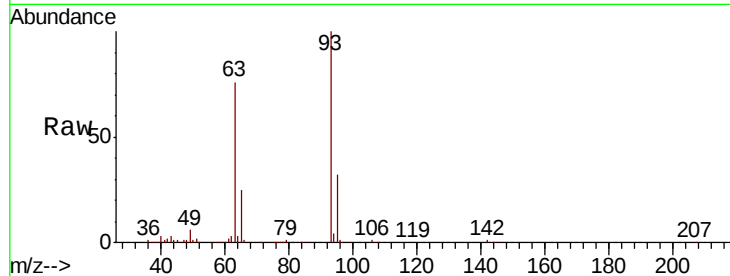




#11
bis(2-Chloroethyl)ether
Concen: 31.146 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

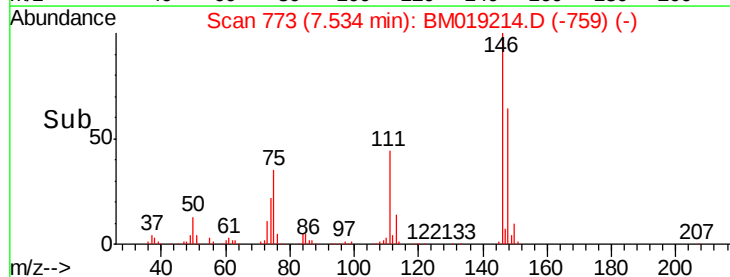
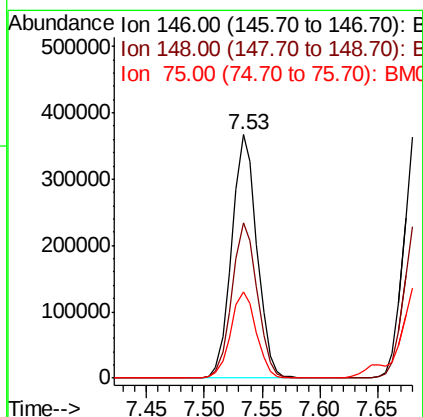
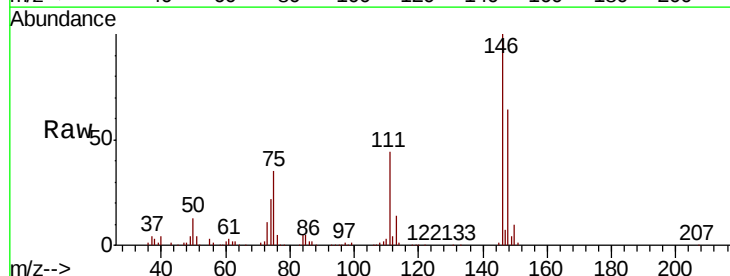
Instrument :
BNA_M
ClientSampled :
S-1MS

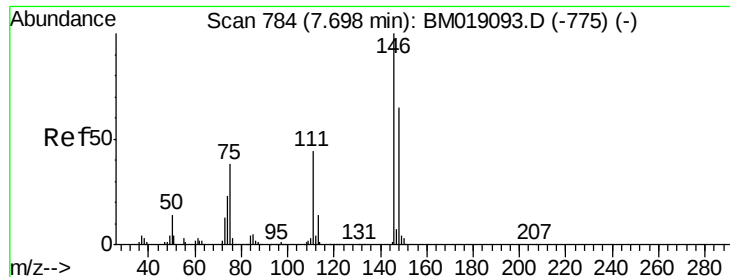
Tgt Ion: 93 Resp: 591479
Ion Ratio Lower Upper
93 100
63 76.1 56.6 96.6
95 32.1 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 27.643 ng
RT: 7.53 min Scan# 773
Delta R.T. -0.02 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion: 146 Resp: 554988
Ion Ratio Lower Upper
146 100
148 63.6 51.7 77.5
75 35.2 29.1 43.7

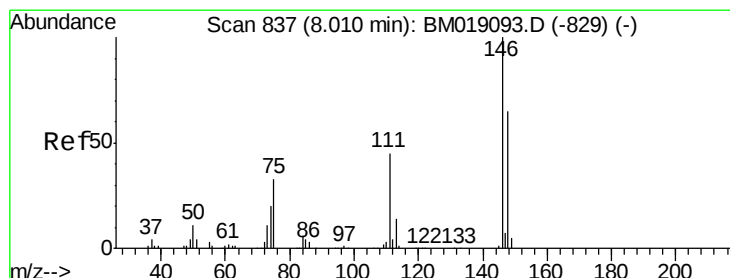
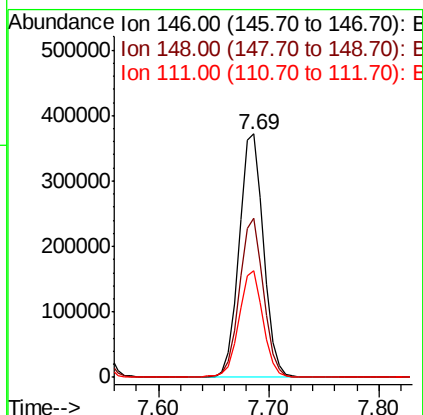
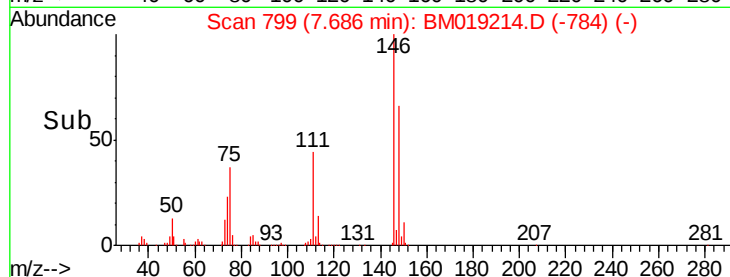
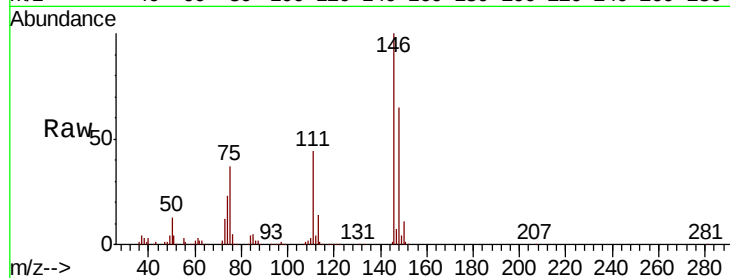




#13
 1,4-Dichlorobenzene
 Concen: 28.241 ng
 RT: 7.69 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

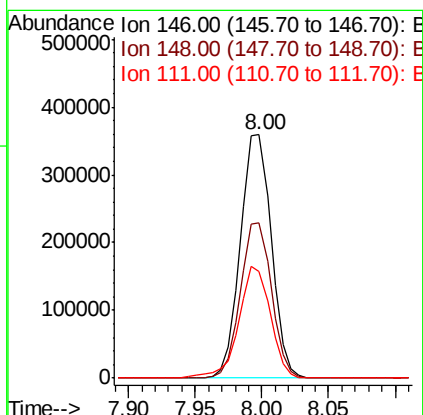
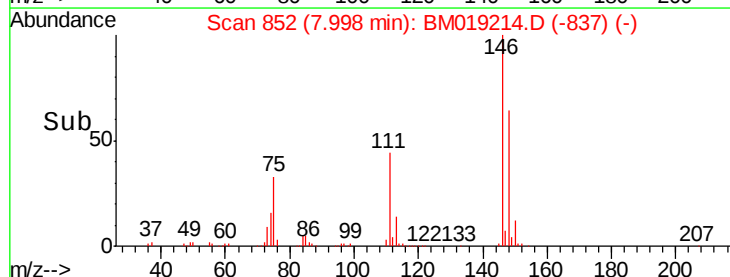
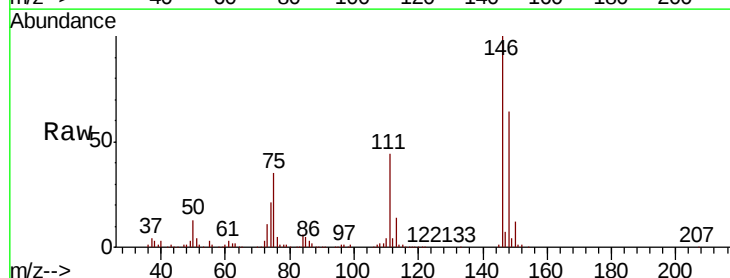
Instrument :
 BNA_M
 ClientSampleID :
 S-1MS

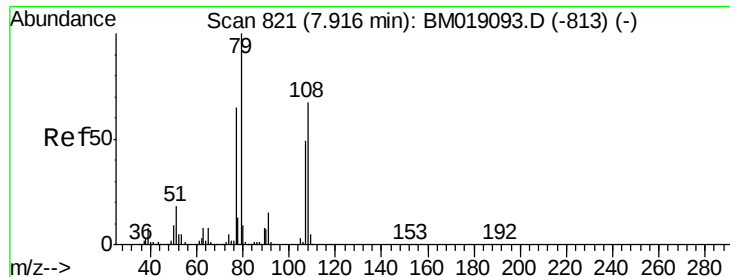
Tgt Ion:146 Resp: 578054
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.8 77.6
 111 43.6 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 29.026 ng
 RT: 8.00 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Tgt Ion:146 Resp: 578026
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.8 77.6
 111 43.8 36.2 54.4





#15

Benzyl Alcohol

Concen: 36.137 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

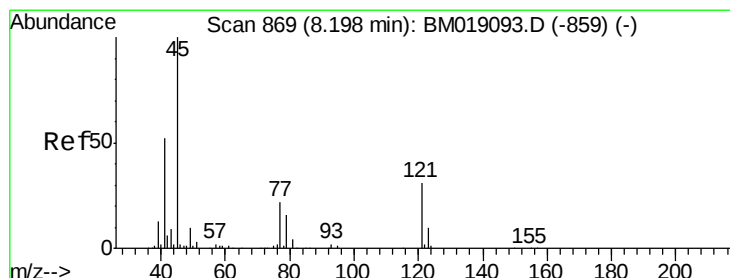
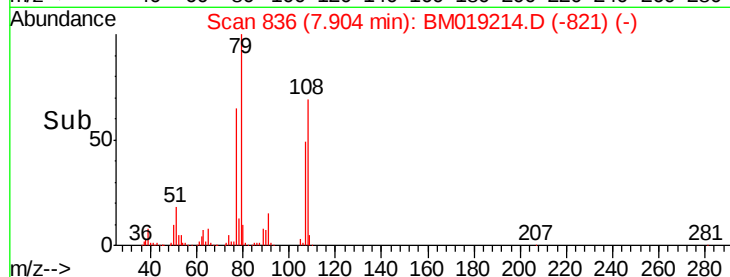
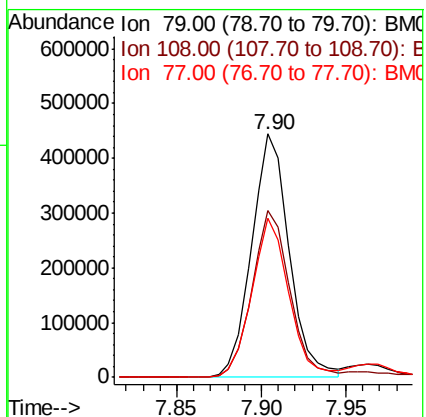
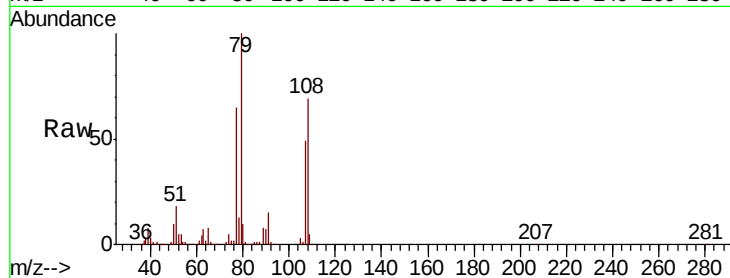
Tgt Ion: 79 Resp: 690652

Ion Ratio Lower Upper

79 100

108 68.8 53.7 80.5

77 65.3 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.860 ng

RT: 8.17 min Scan# 881

Delta R.T. -0.03 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

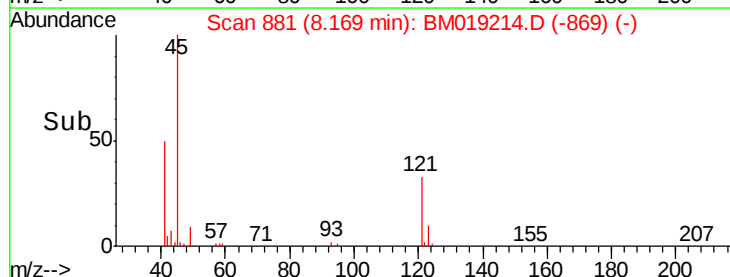
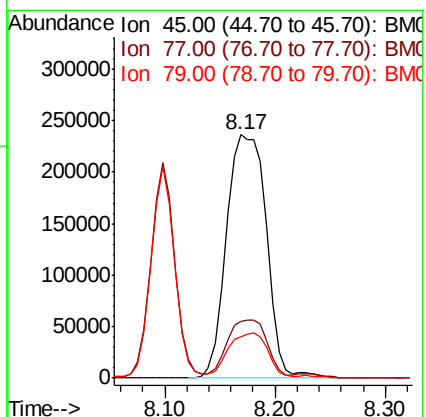
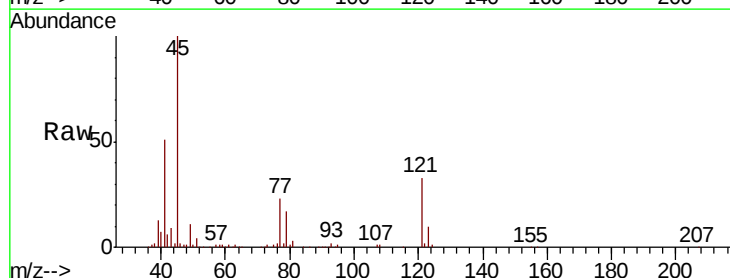
Tgt Ion: 45 Resp: 598387

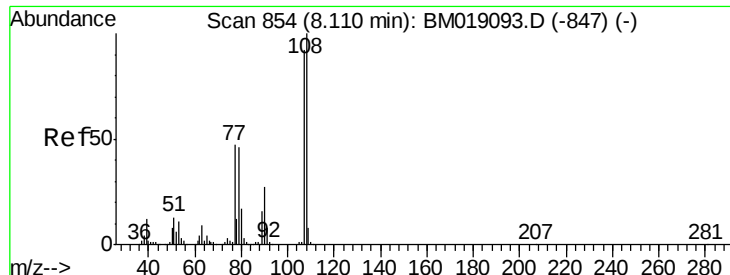
Ion Ratio Lower Upper

45 100

77 23.2 4.1 44.1

79 17.1 0.0 38.1

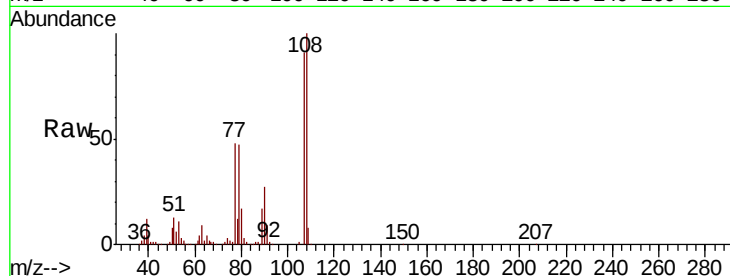




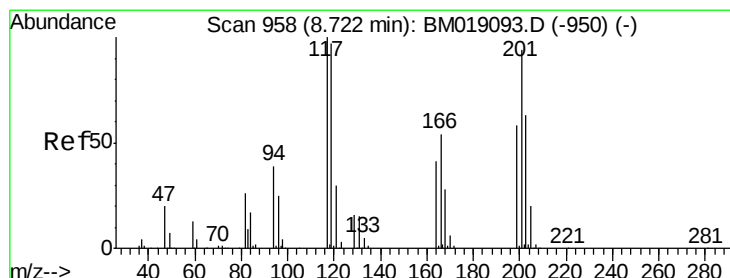
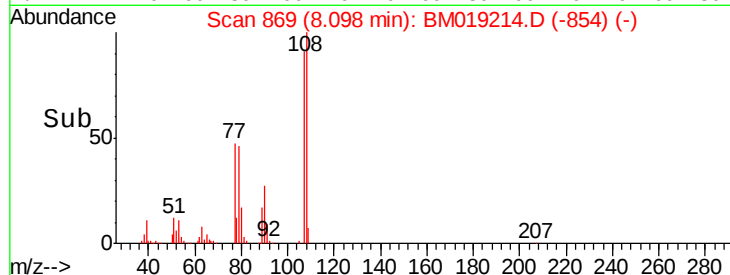
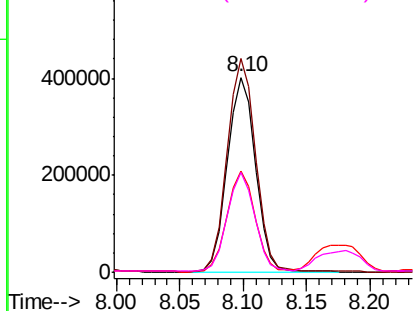
#17
2-Methylphenol
Concen: 37.967 ng
RT: 8.10 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampleId :
S-1MS

Tgt Ion:	107	Resp:	615731
Ion	Ratio	Lower	Upper
107	100		
108	109.7	87.4	131.2
77	52.2	41.6	62.4
79	51.1	40.6	60.8

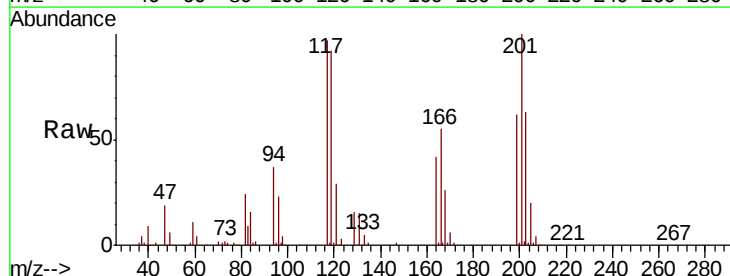


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

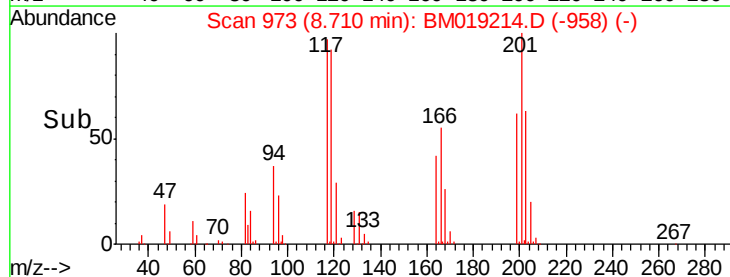
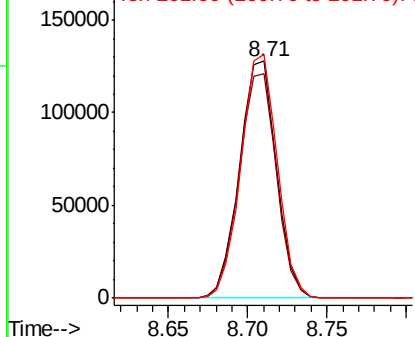


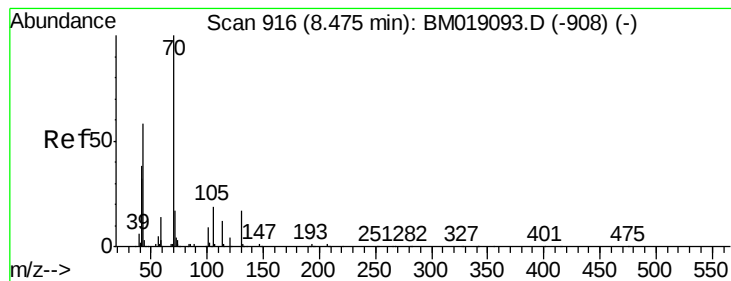
#18
Hexachloroethane
Concen: 27.178 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion:	117	Resp:	206716
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.4	116.2
201	102.8	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: 34.985 ng

RT: 8.46 min Scan# 931

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

Tgt Ion: 70 Resp: 662785

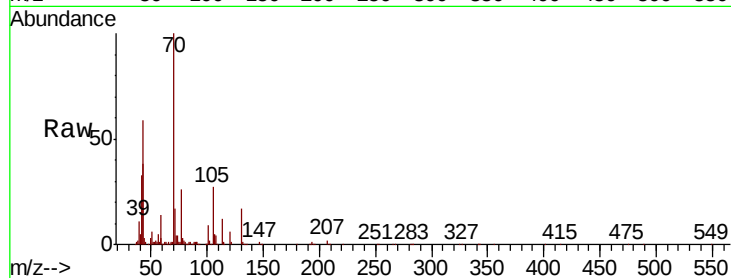
Ion Ratio Lower Upper

70 100

42 37.8 30.6 45.8

101 8.7 6.8 10.2

130 17.5 13.9 20.9



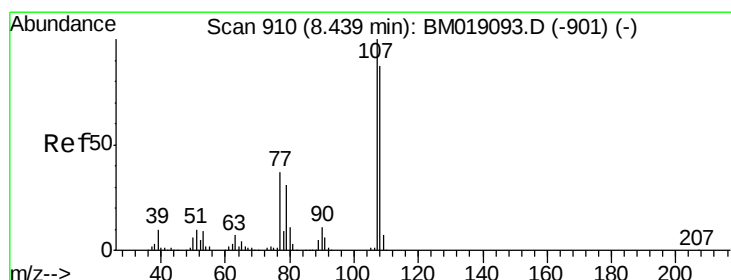
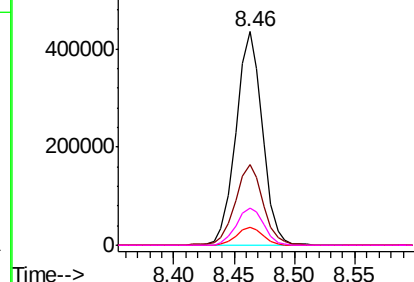
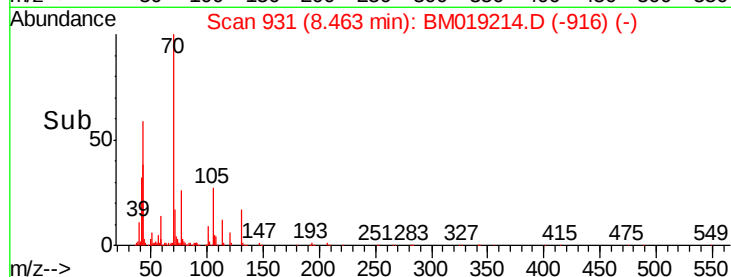
Abundance

Ion 70.00 (69.70 to 70.70): BM019214.D (-916) (-)

Ion 42.00 (41.70 to 42.70): BM019214.D (-916) (-)

Ion 101.00 (100.70 to 101.70): BM019214.D (-916) (-)

Ion 130.00 (129.70 to 130.70): BM019214.D (-916) (-)



#20

3+4-Methylphenols

Concen: 39.633 ng

RT: 8.43 min Scan# 925

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Tgt Ion: 107 Resp: 872446

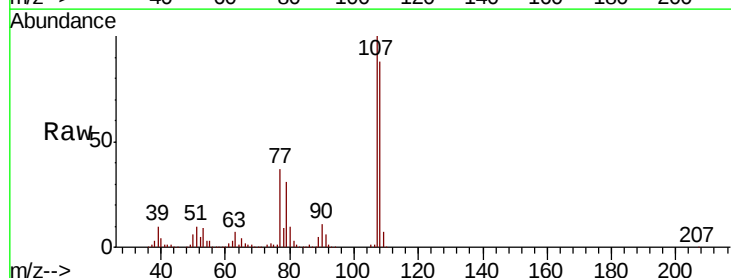
Ion Ratio Lower Upper

107 100

108 87.6 67.0 107.0

77 36.7 17.3 57.3

79 31.1 11.6 51.6



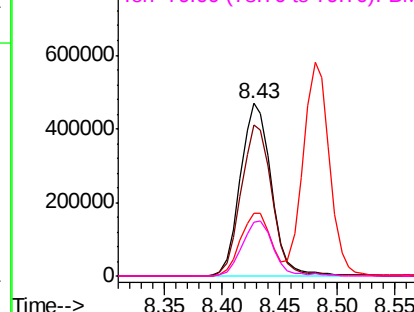
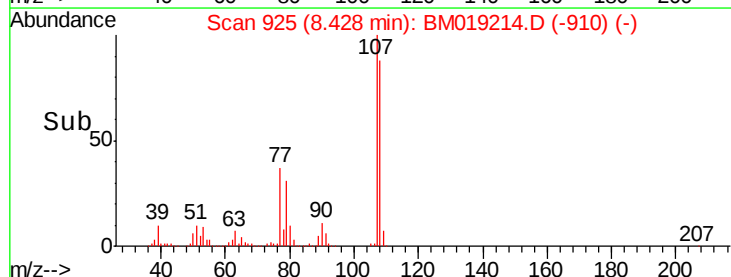
Abundance

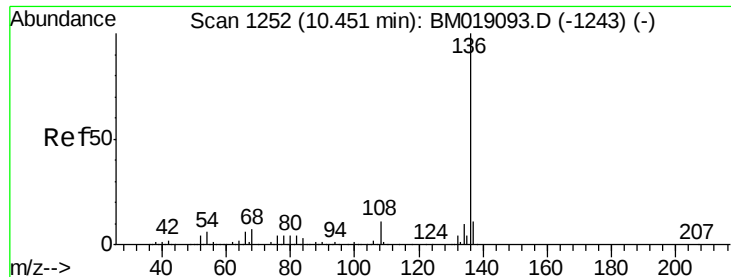
Ion 107.00 (106.70 to 107.70): BM019214.D (-910) (-)

Ion 108.00 (107.70 to 108.70): BM019214.D (-910) (-)

Ion 77.00 (76.70 to 77.70): BM019214.D (-910) (-)

Ion 79.00 (78.70 to 79.70): BM019214.D (-910) (-)

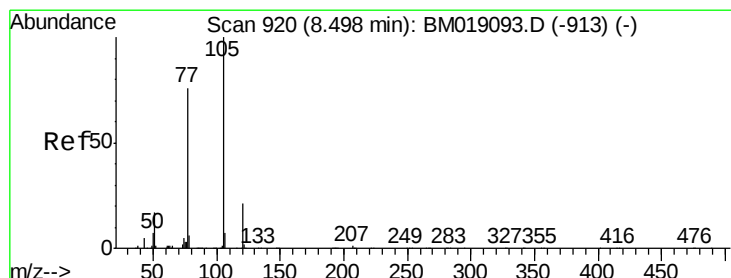
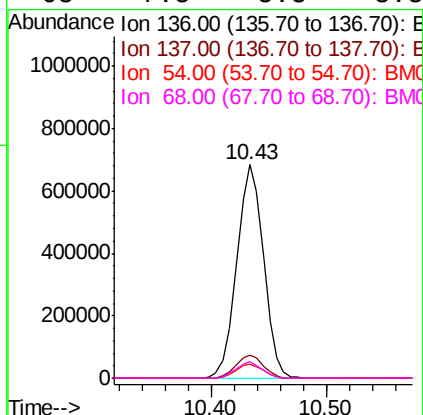
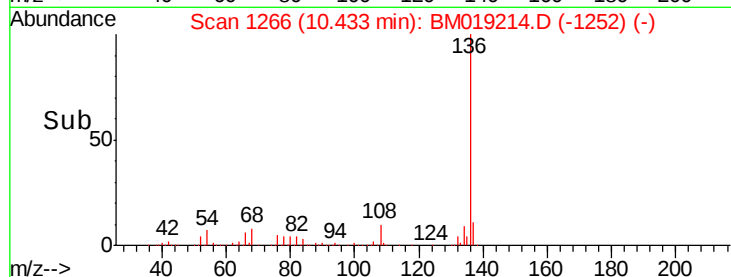
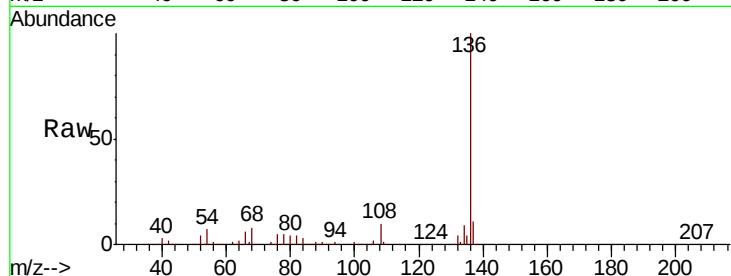




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

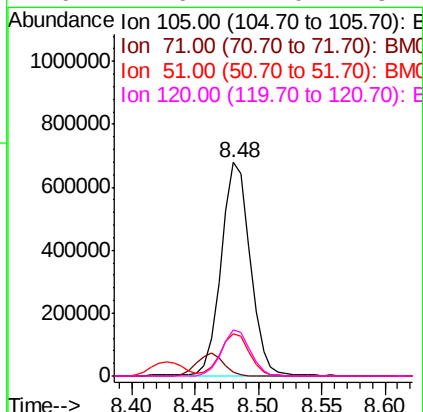
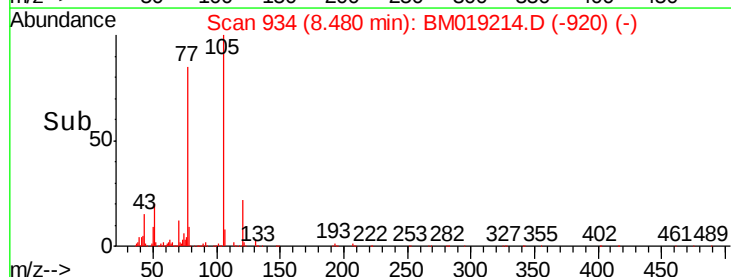
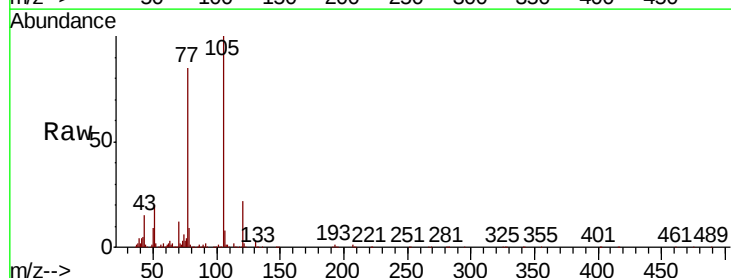
Instrument :
BNA_M
ClientSampleID :
S-1MS

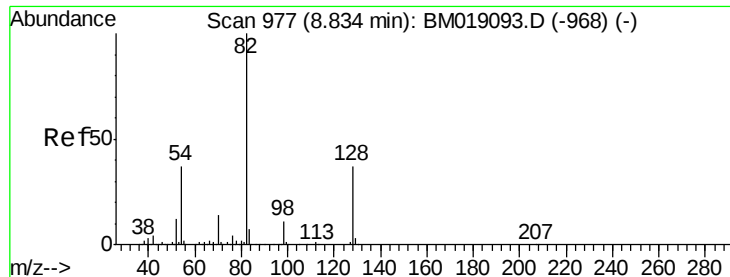
Tgt Ion:	136	Resp:	1097010
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.8	5.2	7.8
68	7.5	5.8	8.8



#22
Acetophenone
Concen: 35.192 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.02 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion:	105	Resp:	1066909
Ion	Ratio	Lower	Upper
105	100		
71	2.1	0.8	1.2#
51	20.1	15.8	23.6
120	21.6	17.0	25.4

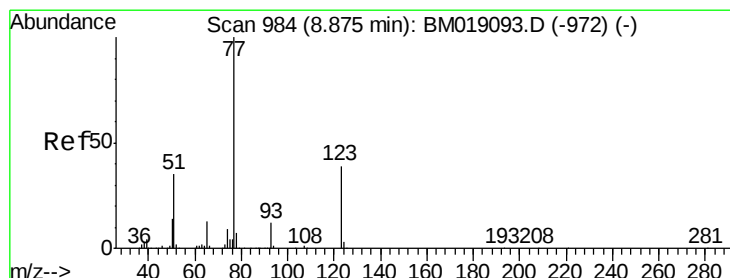
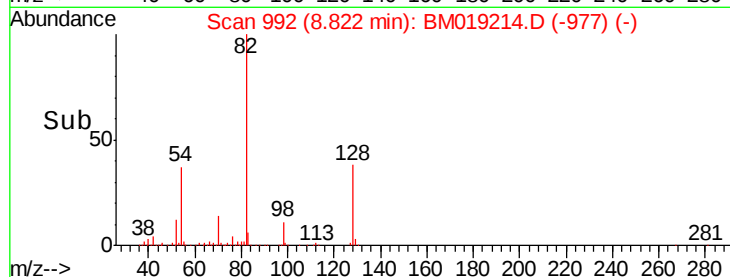
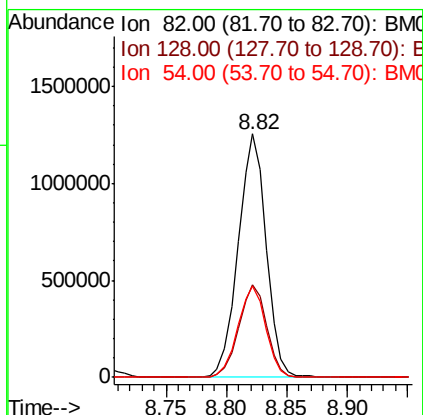
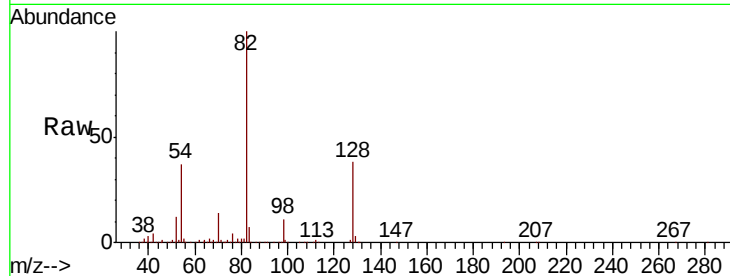




#23
 Nitrobenzene-d5
 Concen: 87.495 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

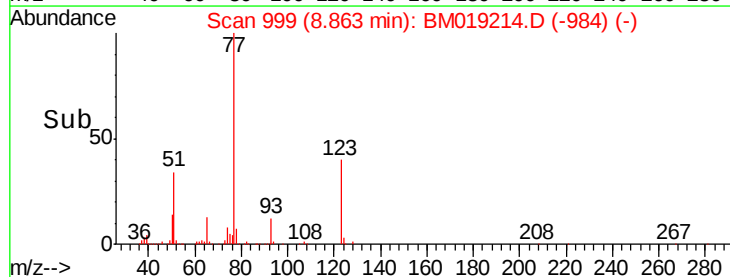
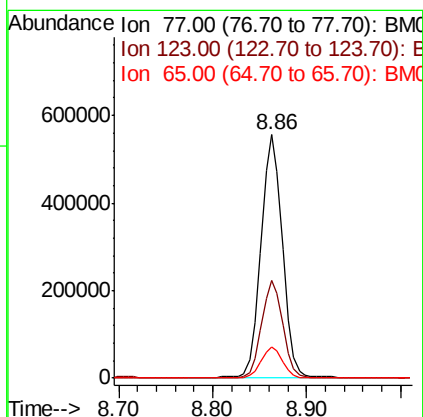
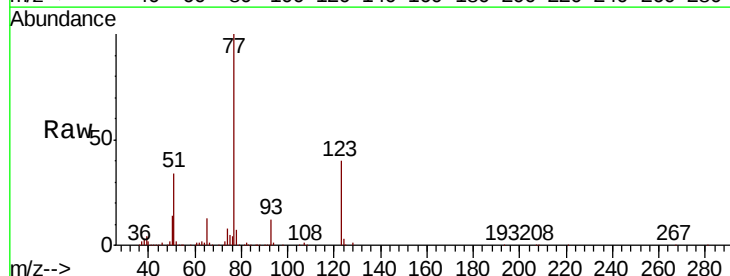
Instrument :
 BNA_M
 ClientSampleId :
 S-1MS

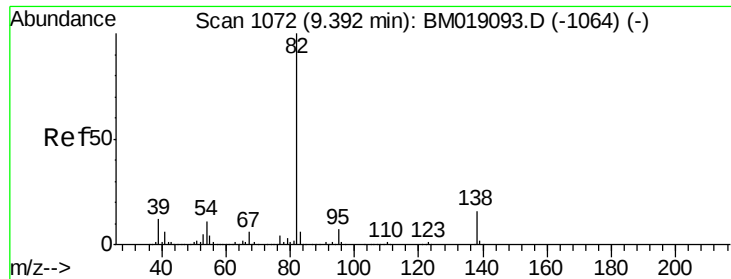
Tgt Ion: 82 Resp: 2030528
 Ion Ratio Lower Upper
 82 100
 128 38.0 29.4 44.2
 54 37.3 29.9 44.9



#24
 Nitrobenzene
 Concen: 36.343 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Tgt Ion: 77 Resp: 877177
 Ion Ratio Lower Upper
 77 100
 123 39.9 31.3 46.9
 65 13.0 10.5 15.7

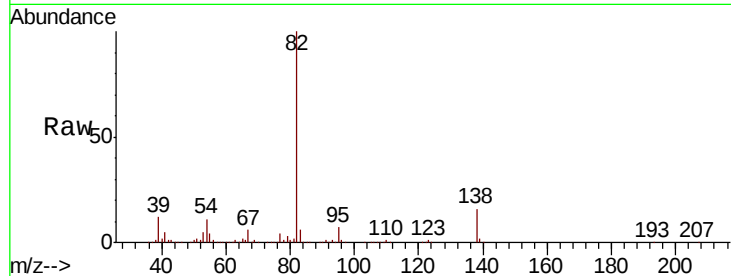




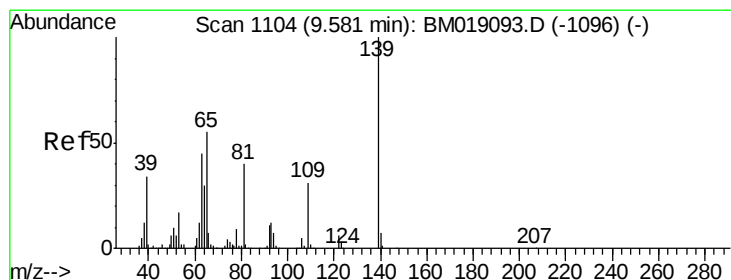
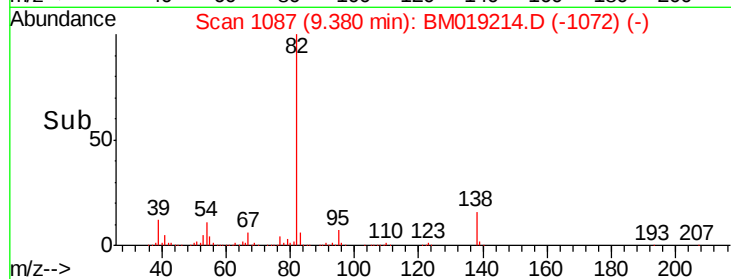
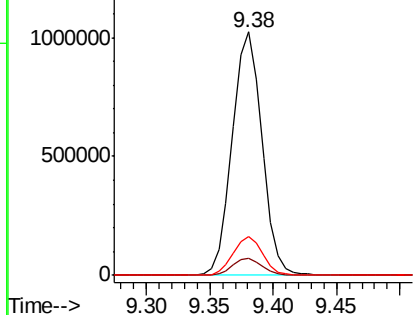
#25
Isophorone
Concen: 37.610 ng
RT: 9.38 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampleId :
S-1MS

Tgt Ion: 82 Resp: 1665496
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 16.1 12.6 18.8

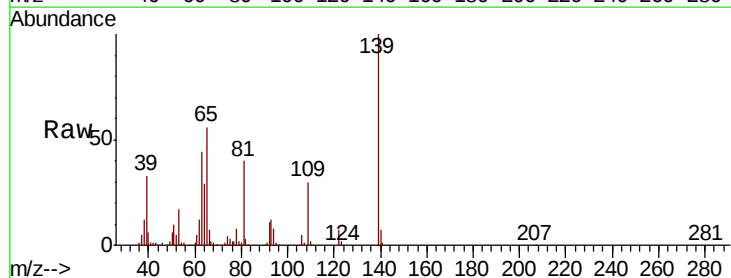


Abundance Ion 82.00 (81.70 to 82.70): BM019214.D (-1072) (-)
Ion 95.00 (94.70 to 95.70): BM019214.D (-1072) (-)
Ion 138.00 (137.70 to 138.70): BM019214.D (-1072) (-)

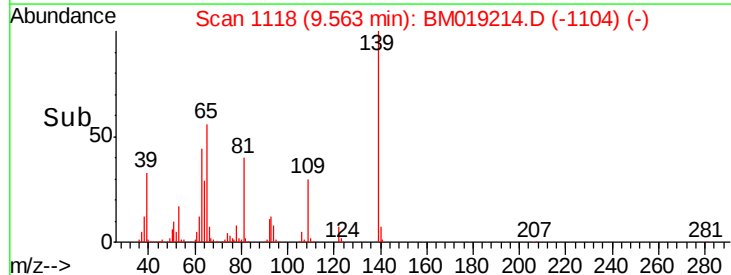
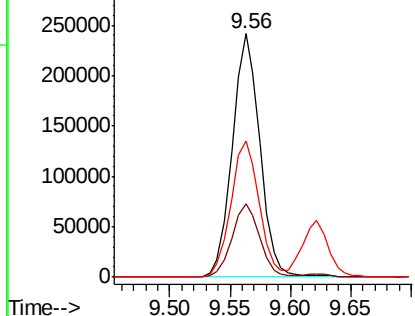


#26
2-Nitrophenol
Concen: 38.464 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion: 139 Resp: 384815
Ion Ratio Lower Upper
139 100
109 30.1 24.5 36.7
65 55.9 44.4 66.6



Abundance Ion 139.00 (138.70 to 139.70): BM019214.D (-1104) (-)
Ion 109.00 (108.70 to 109.70): BM019214.D (-1104) (-)
Ion 65.00 (64.70 to 65.70): BM019214.D (-1104) (-)

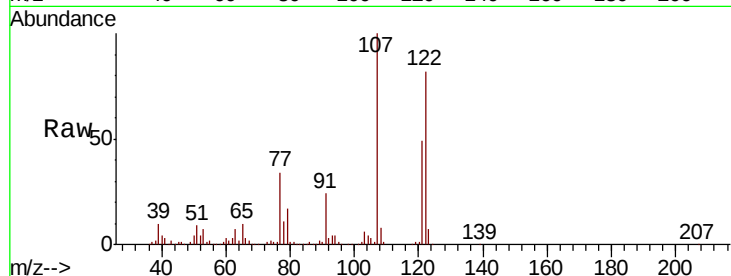




#27
 2,4-Dimethylphenol
 Concen: 47.366 ng
 RT: 9.62 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Instrument :
 BNA_M
 ClientSampleId :
 S-1MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.9	98.2	147.4
121	60.1	48.8	73.2

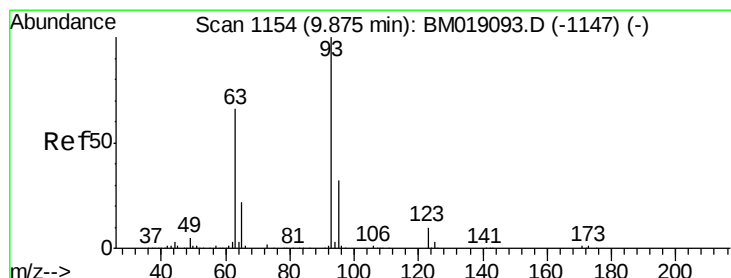
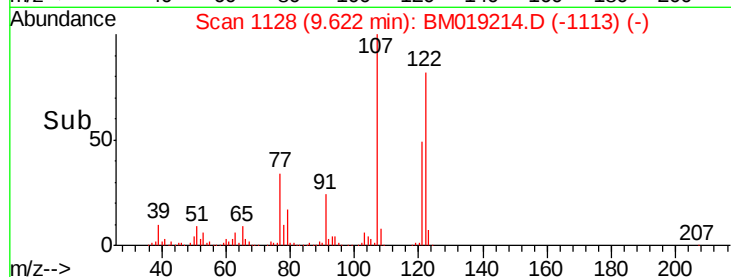
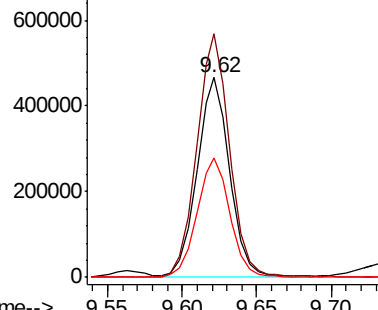


Abundance

Ion 122.00 (121.70 to 122.70): E

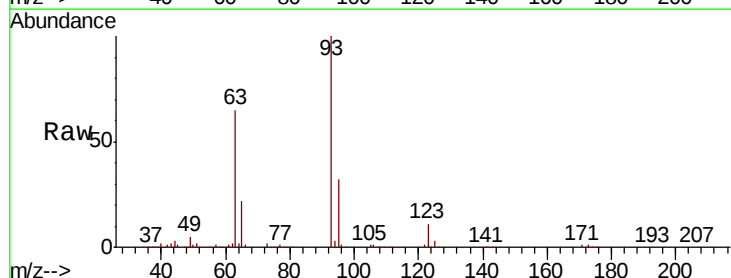
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.650 ng
 RT: 9.86 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.8	38.8
123	10.6	7.9	11.9

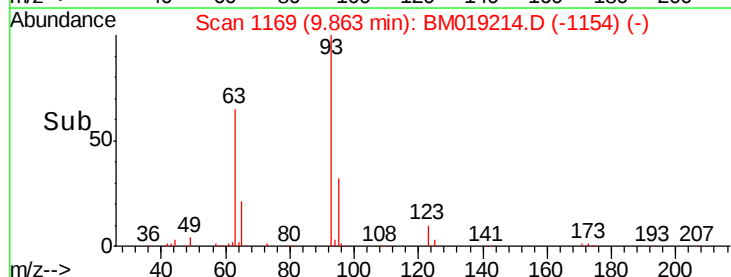
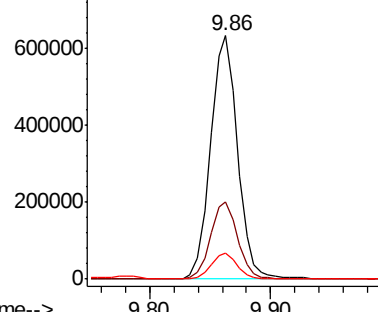


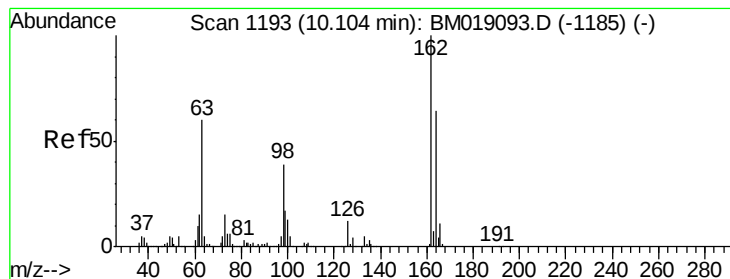
Abundance

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: 43.675 ng

RT: 10.09 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

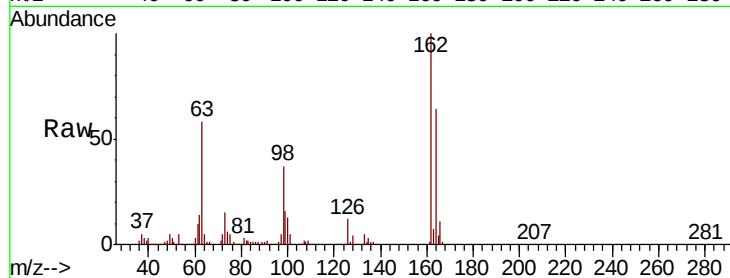
Tgt Ion:162 Resp: 719437

Ion Ratio Lower Upper

162 100

164 64.0 43.5 83.5

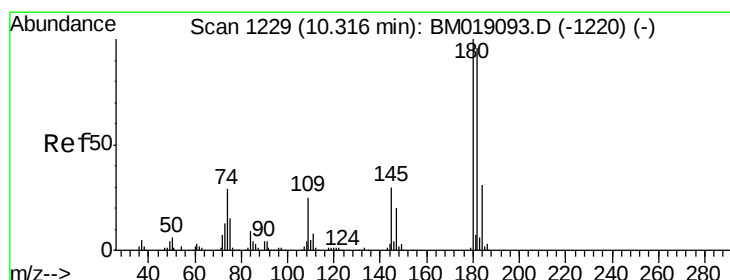
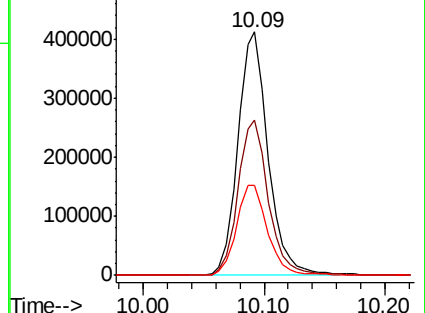
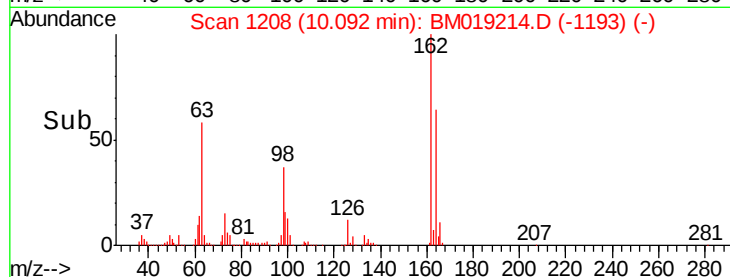
98 37.2 19.1 59.1



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: 35.302 ng

RT: 10.30 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

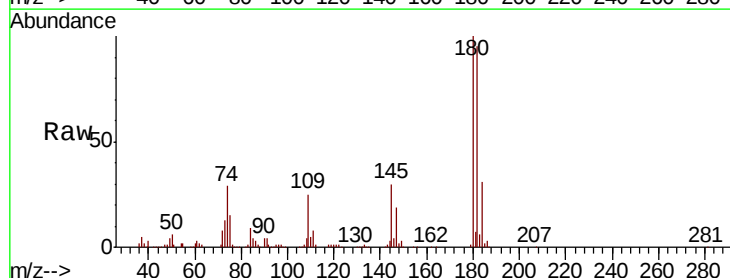
Tgt Ion:180 Resp: 655702

Ion Ratio Lower Upper

180 100

182 95.1 76.6 114.8

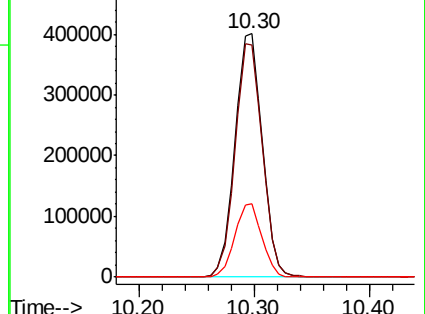
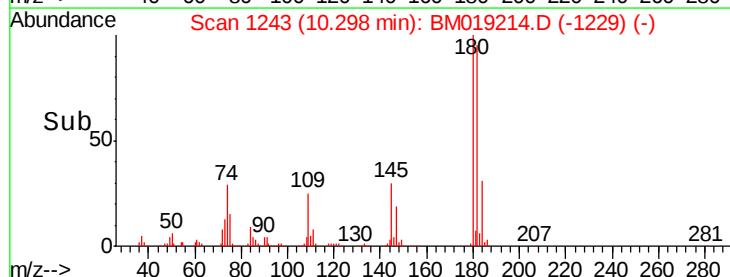
145 30.4 24.3 36.5

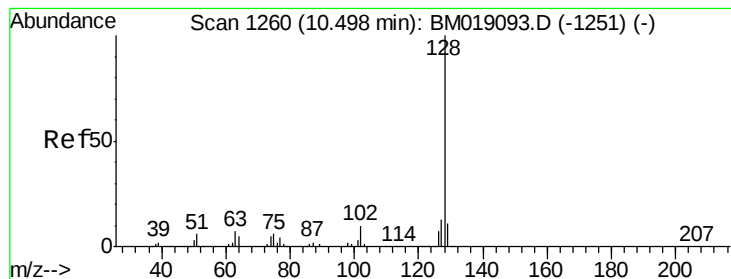


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.283 ng

RT: 10.49 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

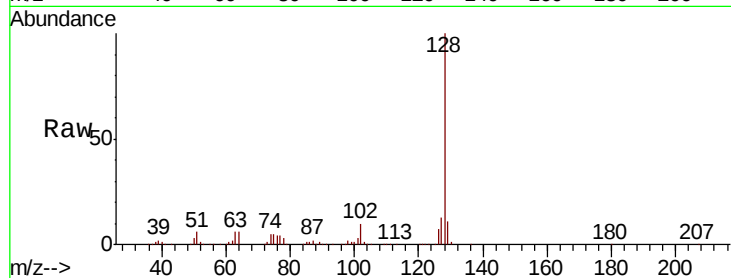
Tgt Ion:128 Resp: 2097895

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

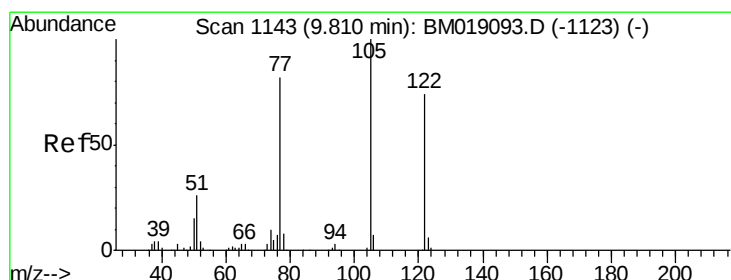
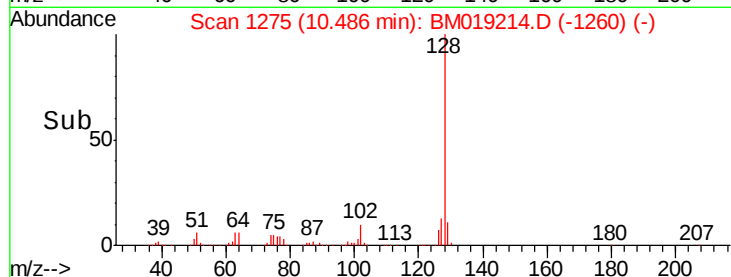
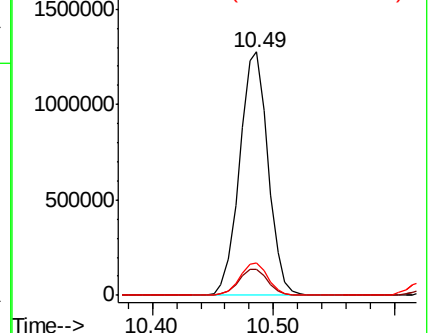
127 13.5 10.4 15.6



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: 21.115 ng

RT: 9.79 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

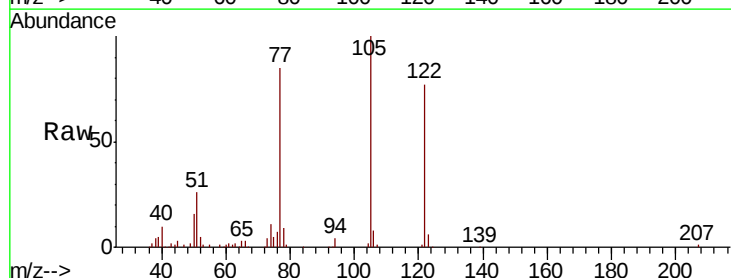
Tgt Ion:122 Resp: 265969

Ion Ratio Lower Upper

122 100

105 129.2 113.0 153.0

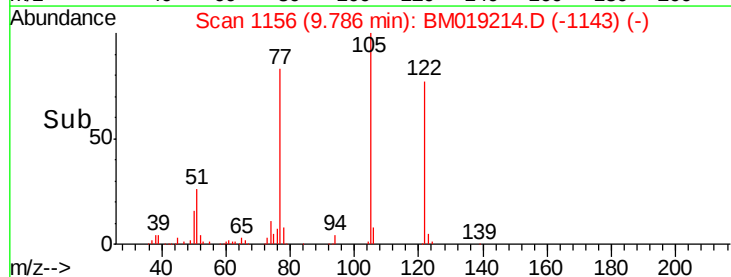
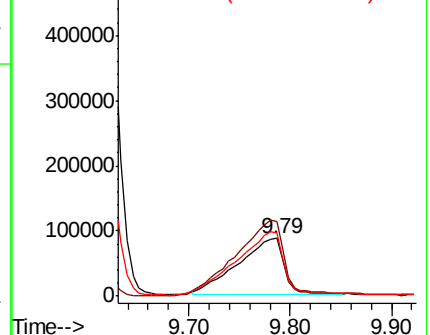
77 109.5 90.1 130.1

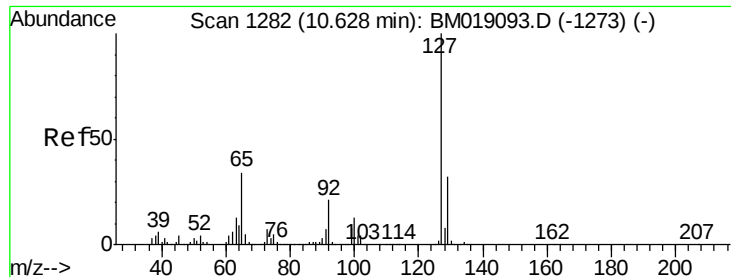


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

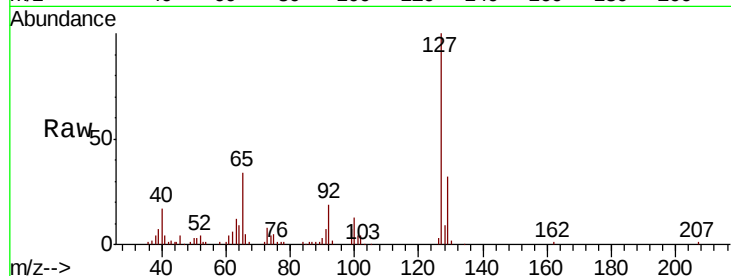




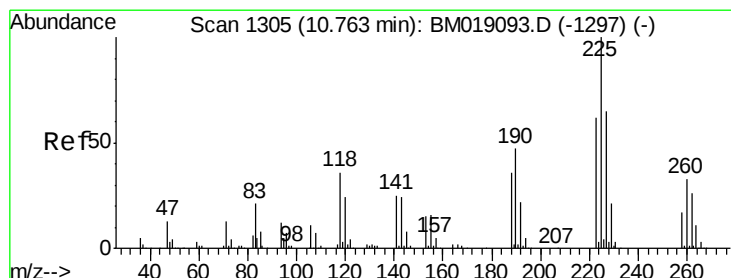
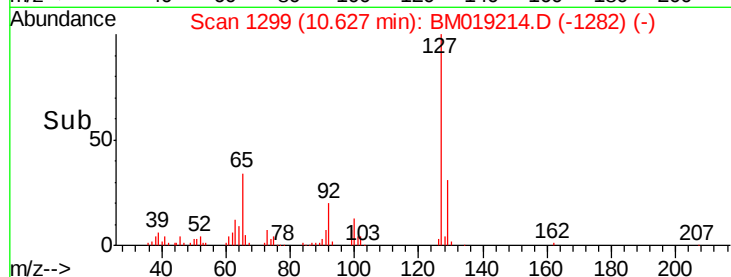
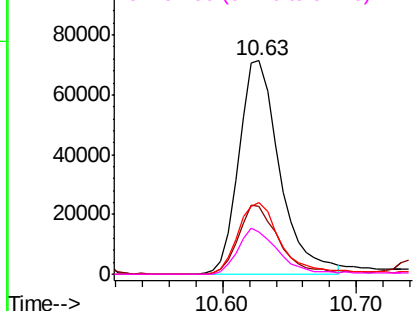
#33
4-Chloroaniline
Concen: 6.398 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampled :
S-1MS

Tgt Ion:	127	Resp:	151652
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.3	37.9
65	33.6	27.4	41.2
92	19.5	16.8	25.2

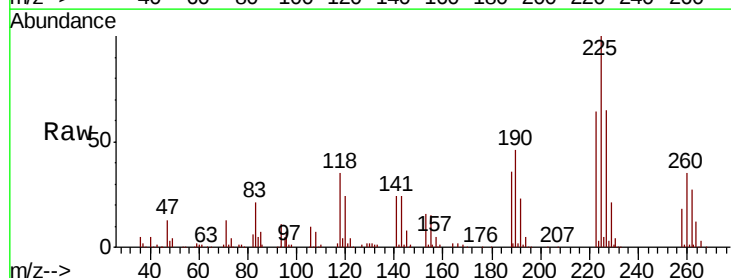


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

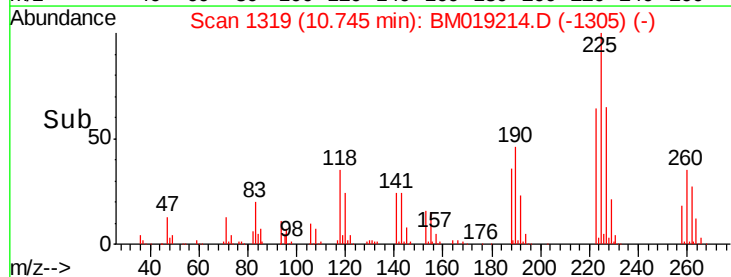
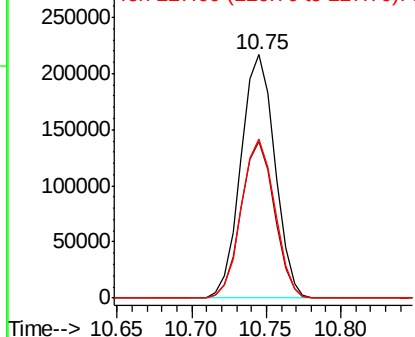


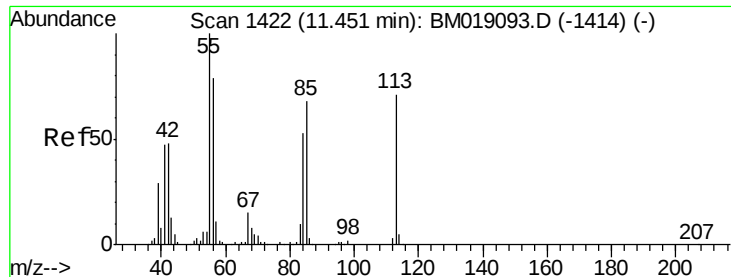
#34
Hexachlorobutadiene
Concen: 32.126 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion:	225	Resp:	342431
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.4	74.0
227	65.5	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: 19.409 ng

RT: 11.45 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

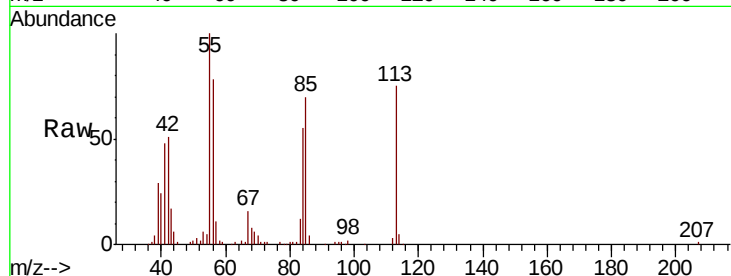
Tgt Ion:113 Resp: 113887

Ion Ratio Lower Upper

113 100

55 132.8 120.1 160.1

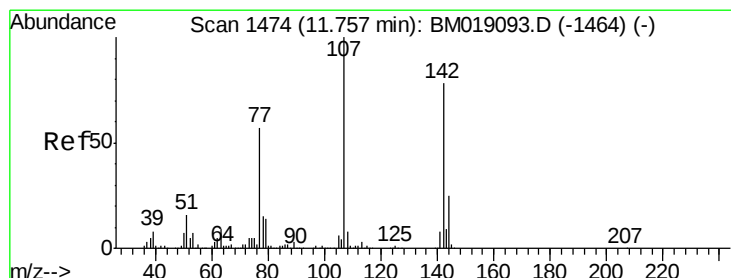
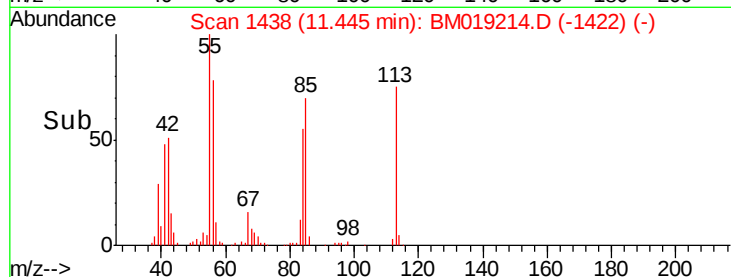
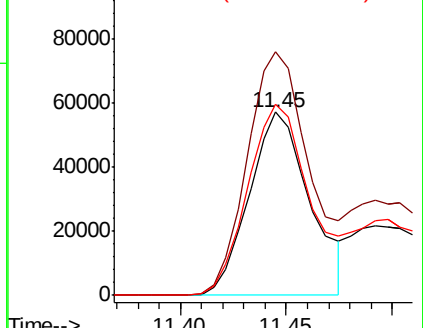
56 103.9 90.1 130.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 39.952 ng

RT: 11.74 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

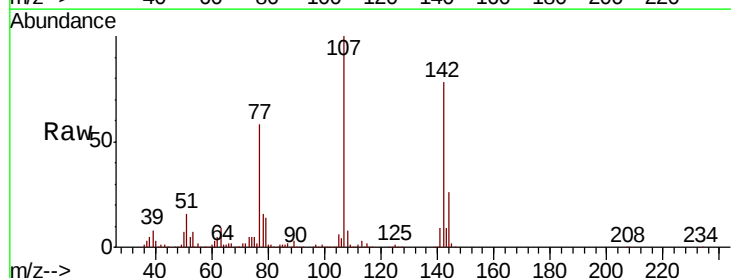
Tgt Ion:107 Resp: 812023

Ion Ratio Lower Upper

107 100

144 25.7 20.2 30.4

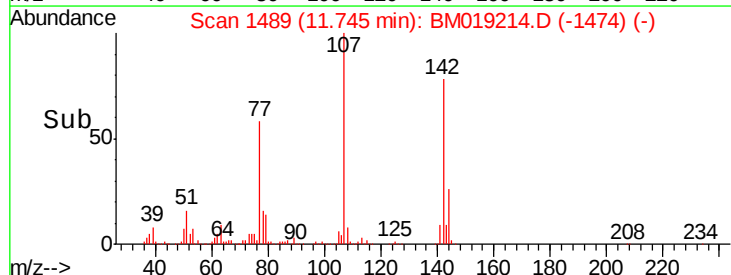
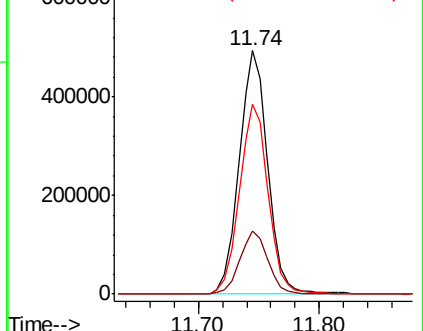
142 77.8 62.4 93.6

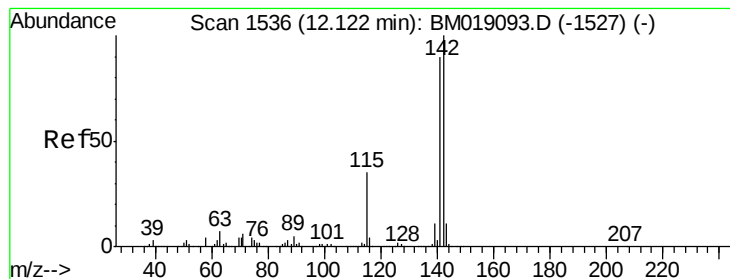


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.700 ng

RT: 12.10 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

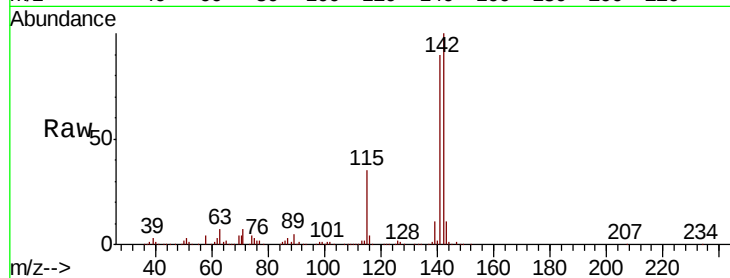
Tgt Ion:142 Resp: 1668050

Ion Ratio Lower Upper

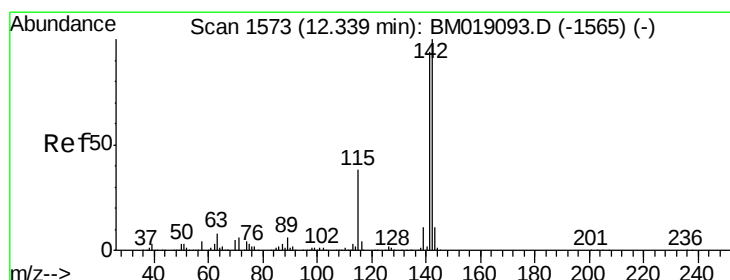
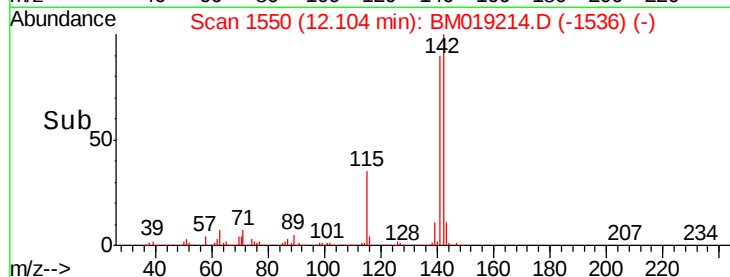
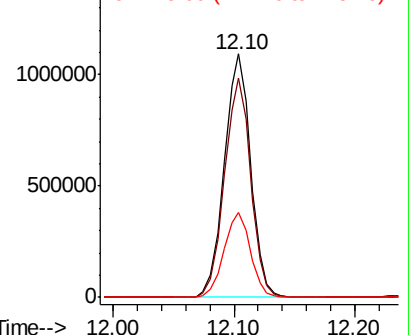
142 100

141 89.9 72.3 108.5

115 34.9 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: 38.402 ng

RT: 12.33 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

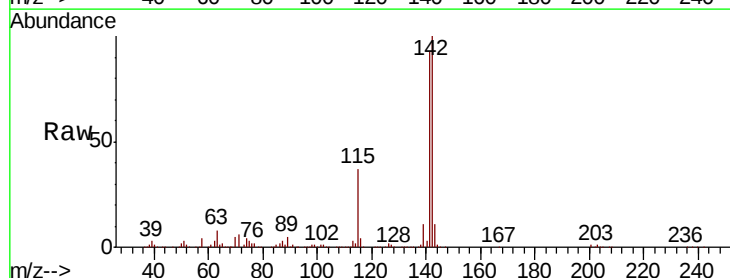
Tgt Ion:142 Resp: 1590391

Ion Ratio Lower Upper

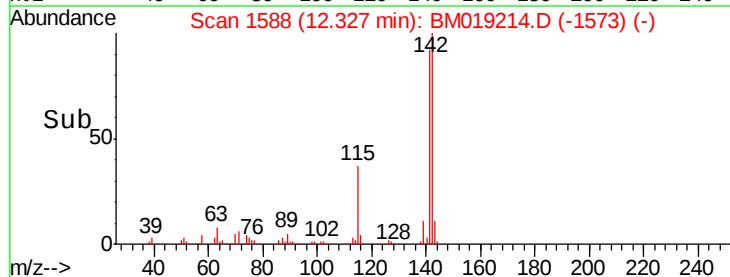
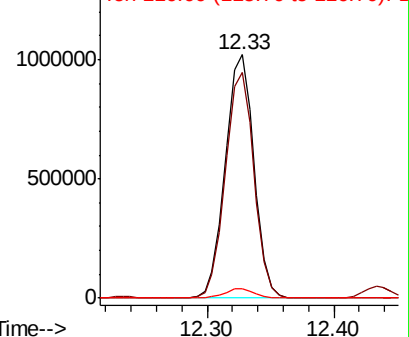
142 100

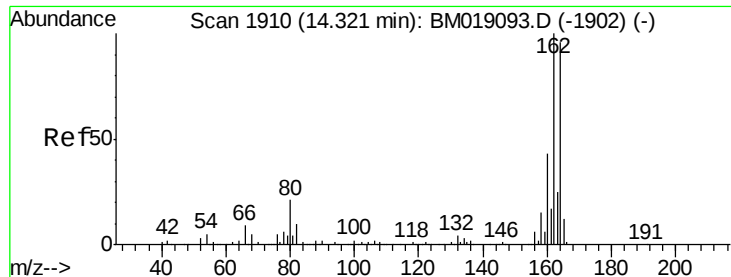
141 92.8 74.9 112.3

116 3.9 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

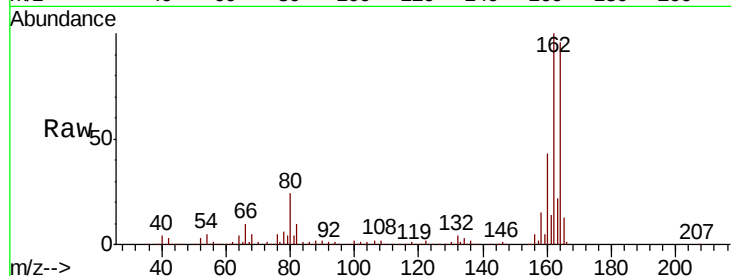




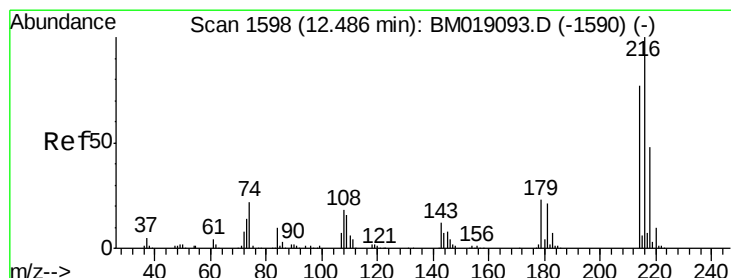
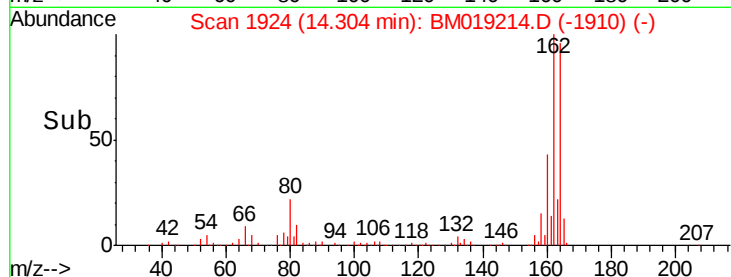
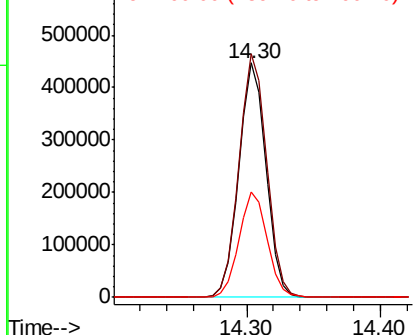
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampleId :
S-1MS

Tgt Ion:164 Resp: 628292
Ion Ratio Lower Upper
164 100
162 104.0 83.5 125.3
160 44.9 36.3 54.5

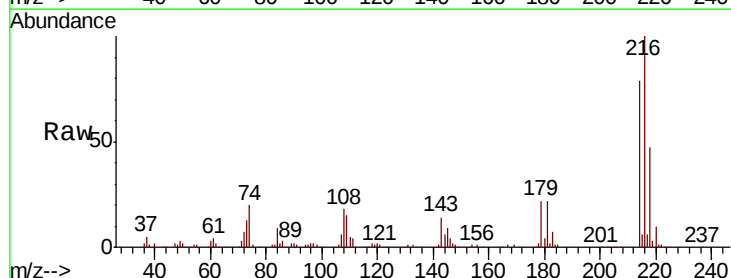


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

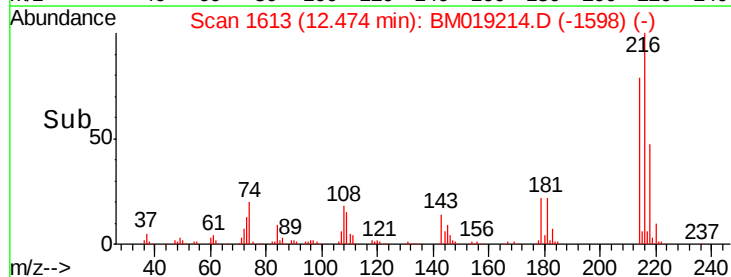
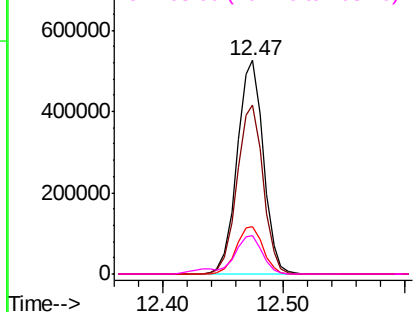


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.081 ng
RT: 12.47 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion:216 Resp: 796594
Ion Ratio Lower Upper
216 100
214 78.8 62.9 94.3
179 22.7 18.0 27.0
108 18.1 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: 67.645 ng

RT: 12.43 min Scan# 1606

Delta R.T. -0.02 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampled :

S-1MS

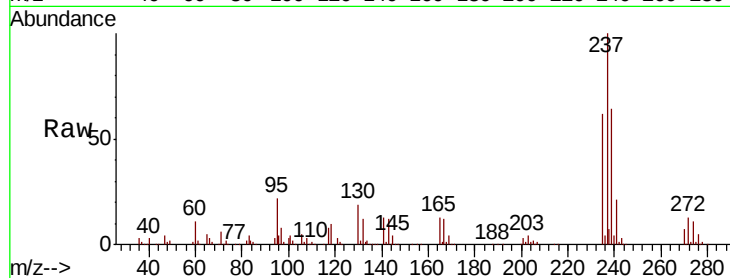
Tgt Ion: 237 Resp: 608969

Ion Ratio Lower Upper

237 100

235 61.8 41.3 81.3

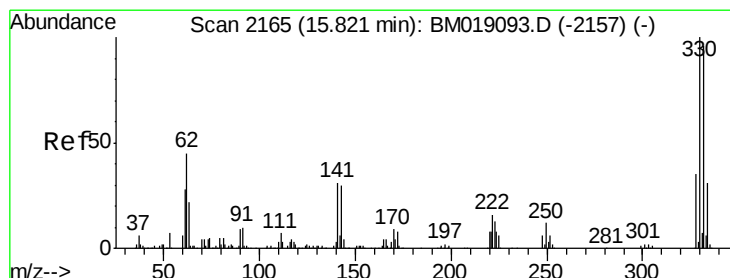
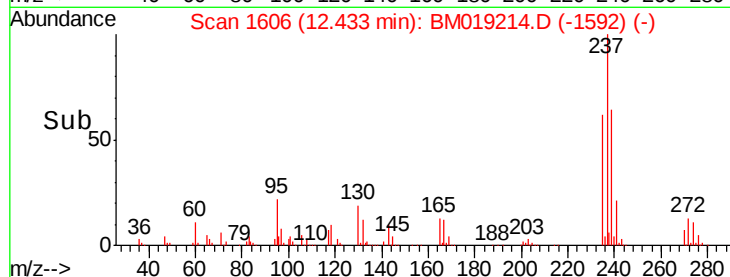
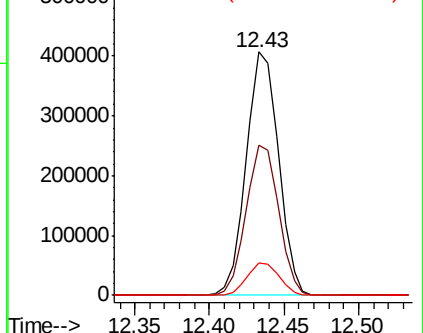
272 13.5 0.0 33.1



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: 170.863 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

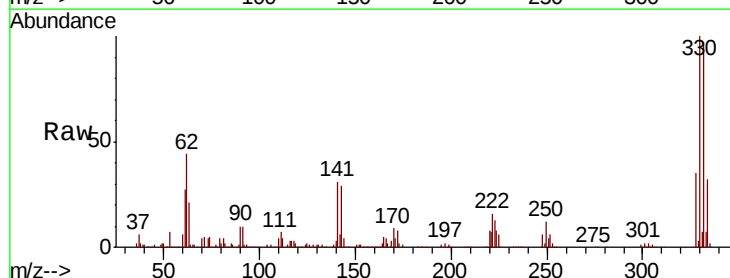
Tgt Ion: 330 Resp: 1585009

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

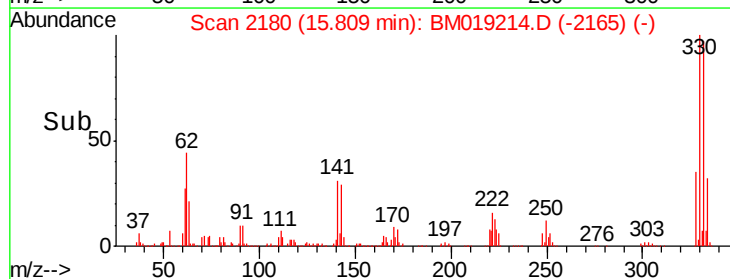
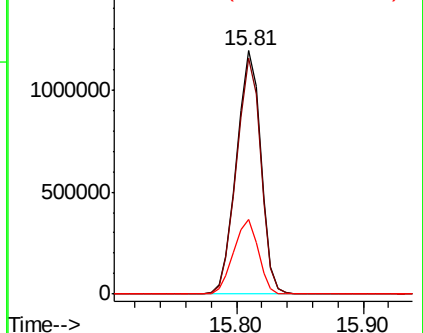
141 31.1 27.0 40.4

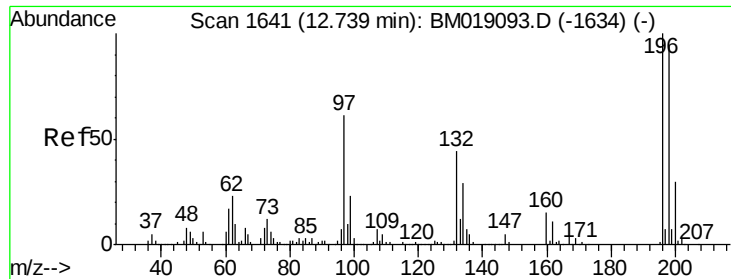


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

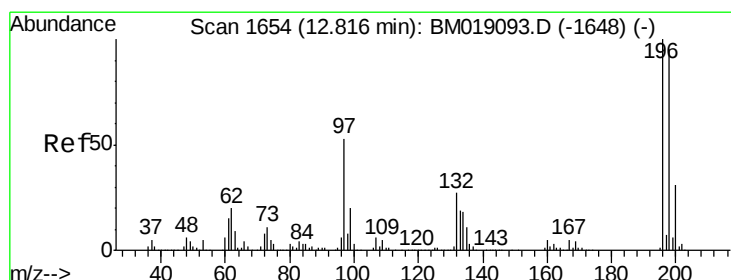
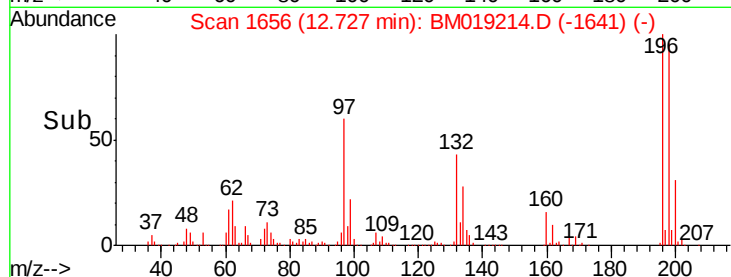
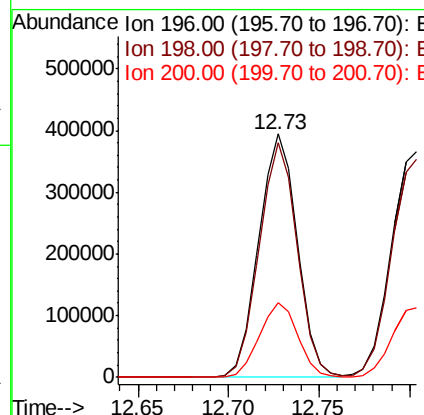
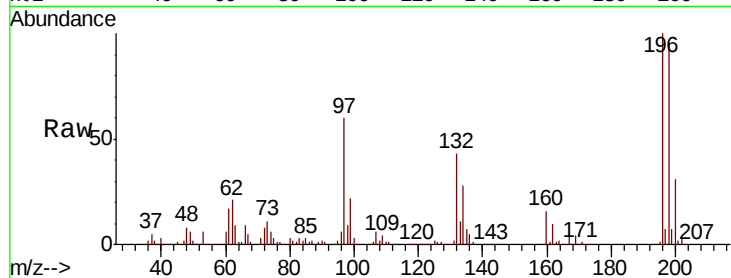




#43
 2,4,6-Trichlorophenol
 Concen: 45.309 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

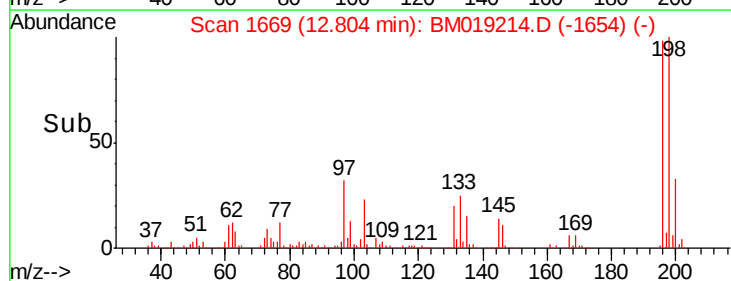
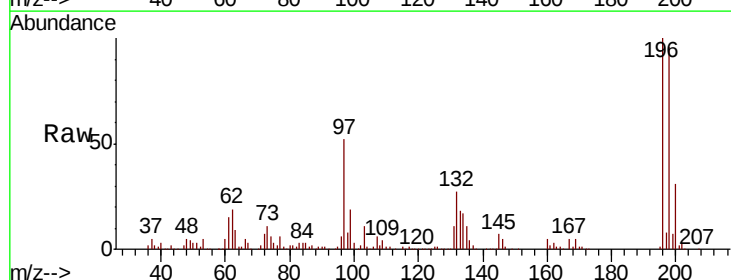
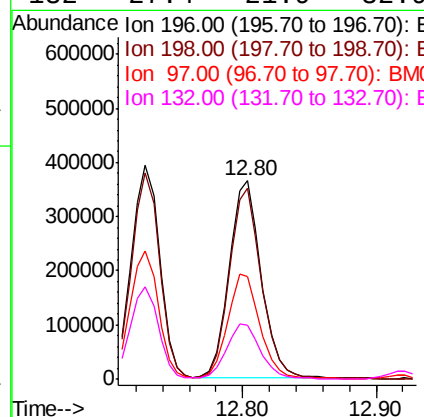
Instrument :
 BNA_M
 ClientSampled :
 S-1MS

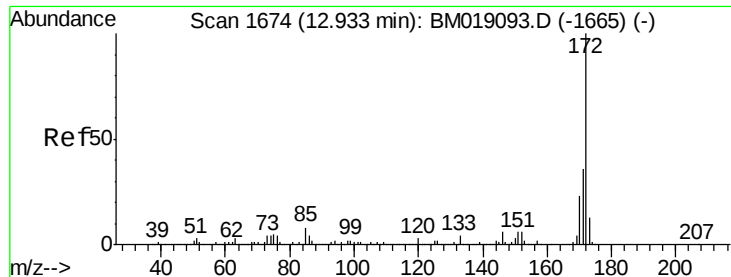
Tgt Ion:196 Resp: 581931
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.4 113.0
 200 30.7 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 44.410 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Tgt Ion:196 Resp: 609937
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.9 113.9
 97 51.5 42.5 63.7
 132 27.4 21.9 32.9

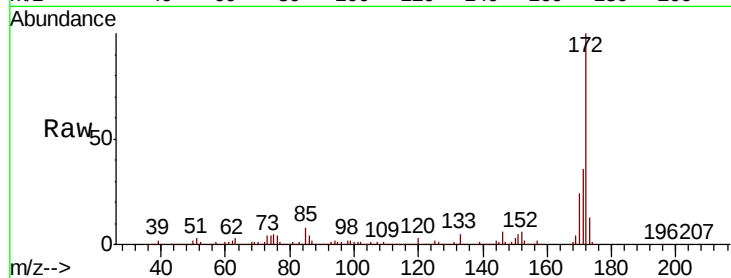




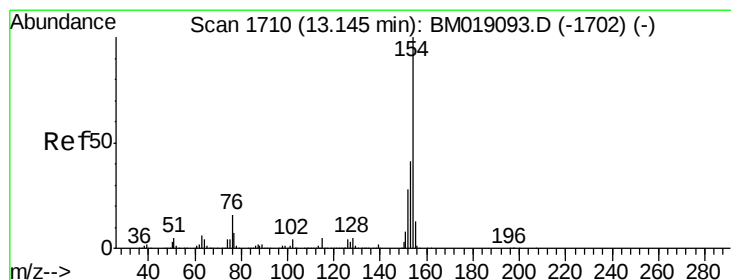
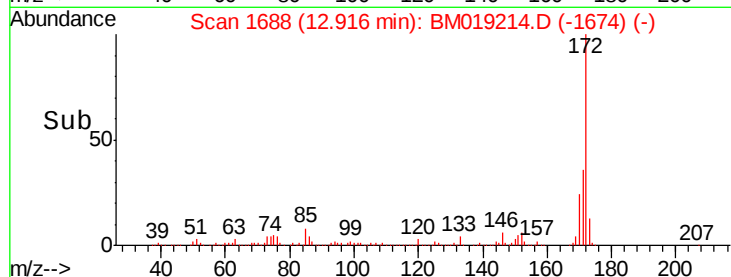
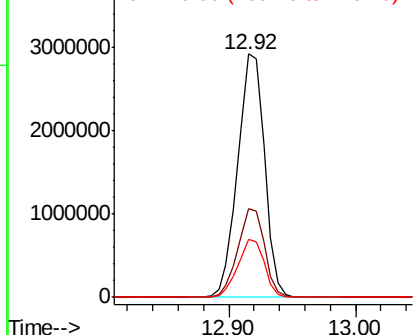
#45
 2-Fluorobiphenyl
 Concen: 88.688 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Instrument :
 BNA_M
 ClientSampleId :
 S-1MS

Tgt Ion:172 Resp: 4283821
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 42.8
 170 23.6 18.6 28.0

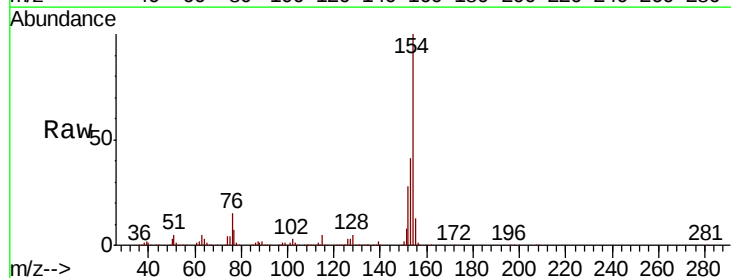


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

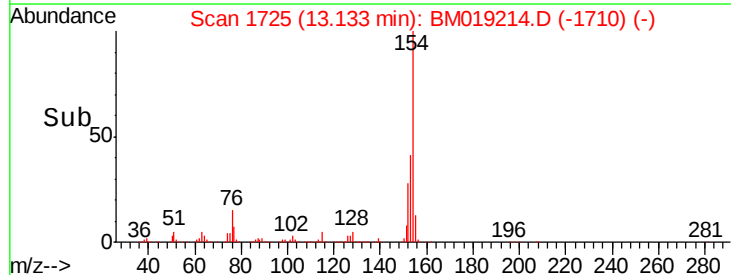
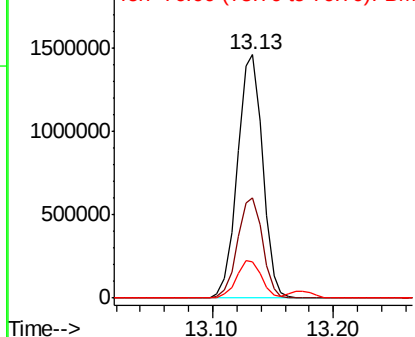


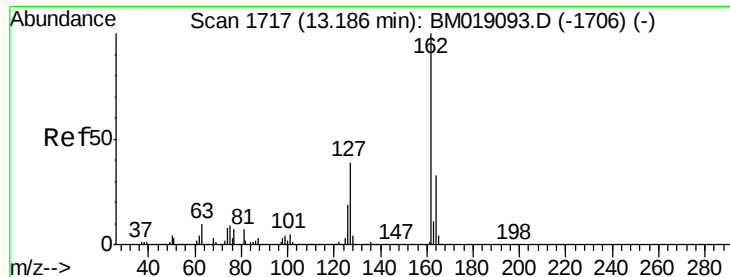
#46
 1,1'-Biphenyl
 Concen: 38.688 ng
 RT: 13.13 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Tgt Ion:154 Resp: 2122801
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.5 61.5
 76 15.1 0.0 35.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM0

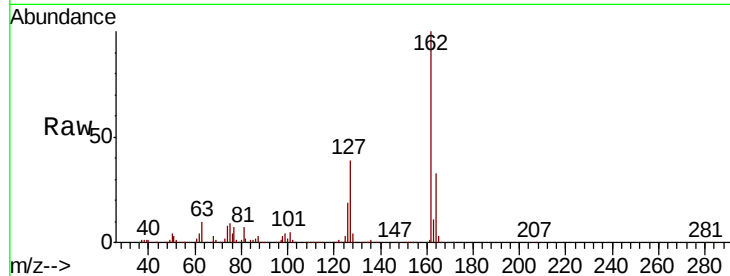




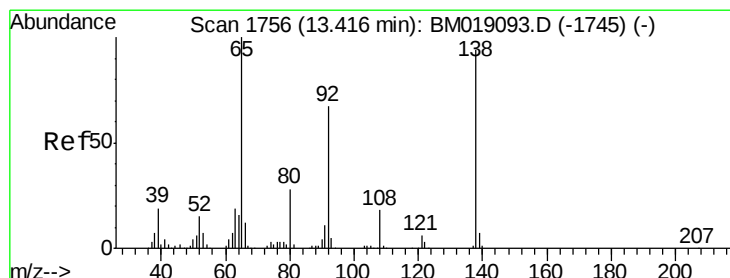
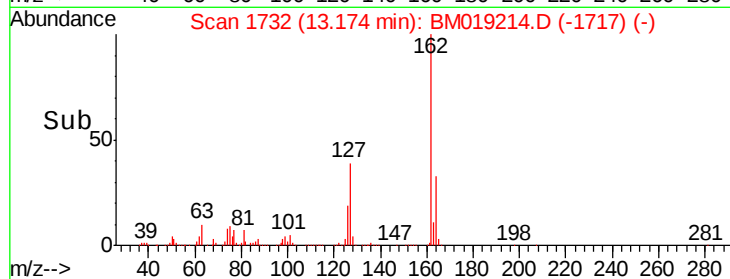
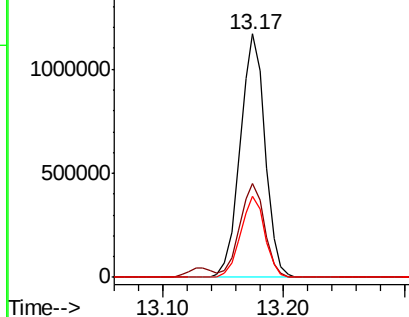
#47
 2-Chloronaphthalene
 Concen: 41.050 ng
 RT: 13.17 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Instrument :
 BNA_M
 ClientSampleId :
 S-1MS

Tgt Ion: 162 Resp: 1681271
 Ion Ratio Lower Upper
 162 100
 127 38.8 31.2 46.8
 164 33.2 26.3 39.5

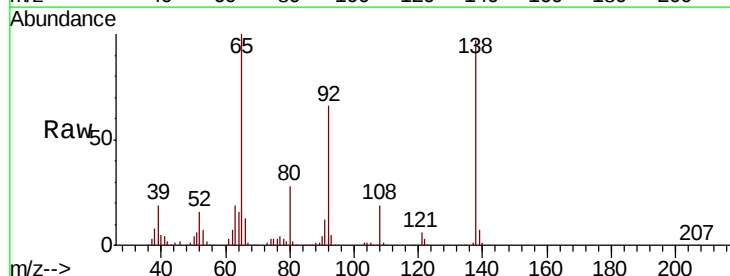


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

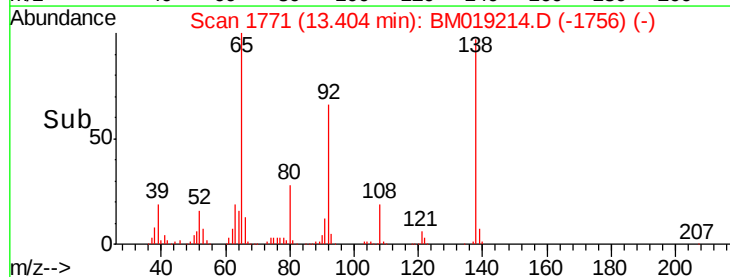
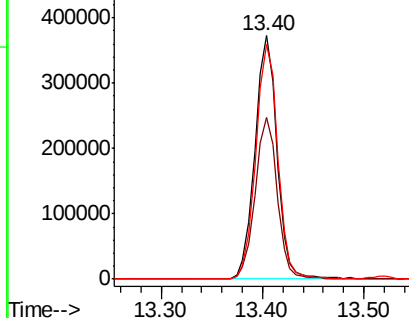


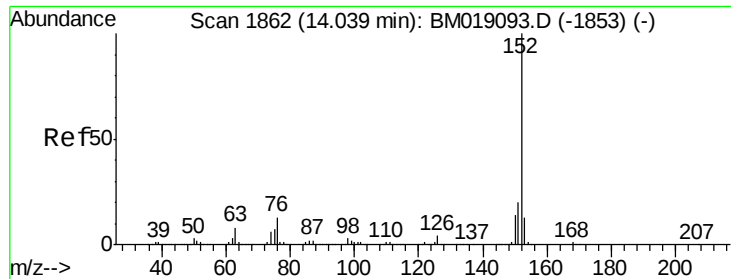
#48
 2-Nitroaniline
 Concen: 41.180 ng
 RT: 13.40 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Tgt Ion: 65 Resp: 565637
 Ion Ratio Lower Upper
 65 100
 92 66.3 53.4 80.2
 138 96.6 74.9 112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.990 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

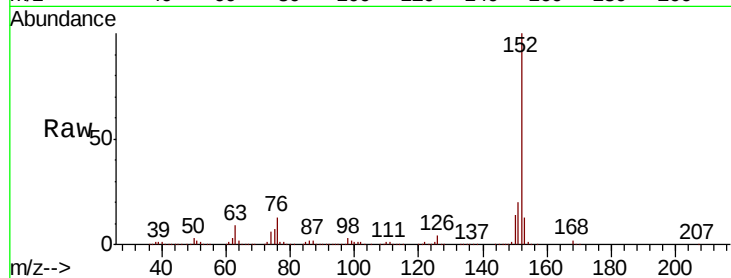
Tgt Ion:152 Resp: 2630830

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

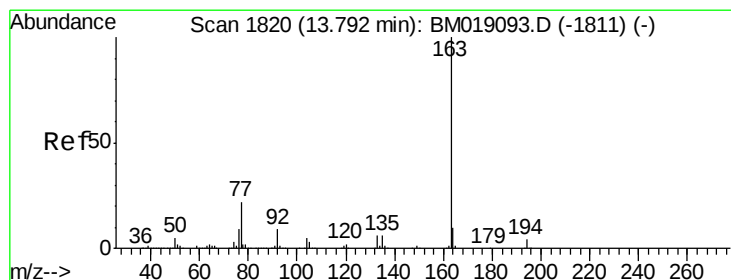
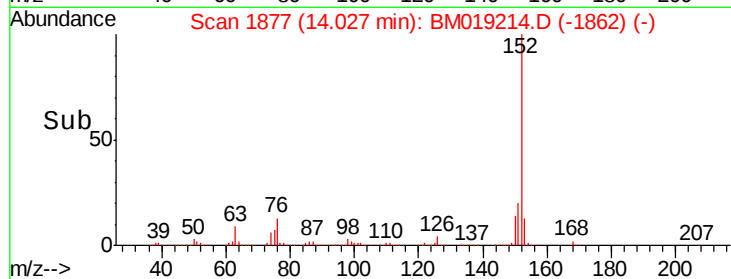
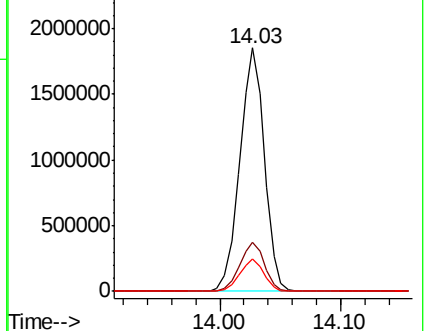
153 13.1 10.6 15.8



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: 42.369 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

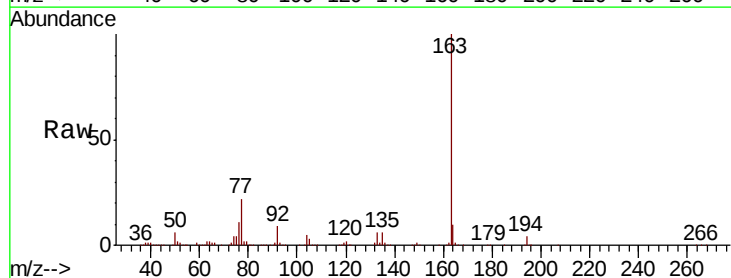
Tgt Ion:163 Resp: 2277216

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

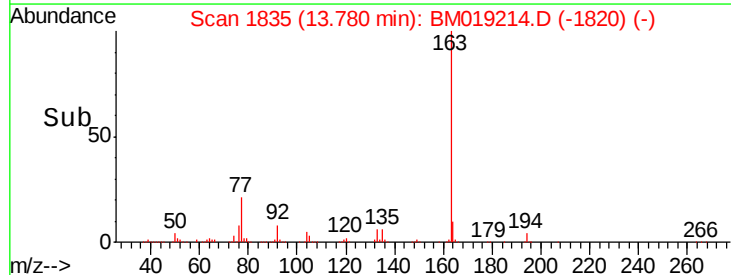
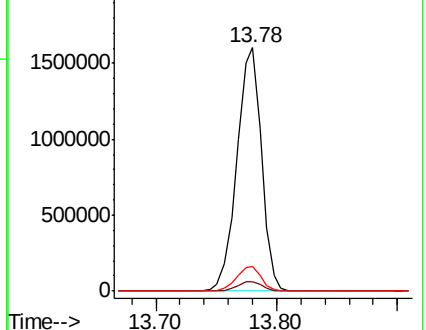
164 10.0 7.7 11.5

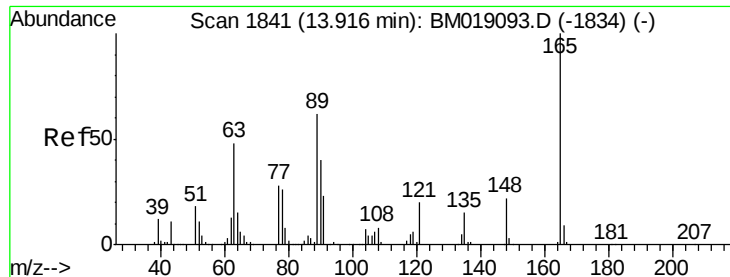


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

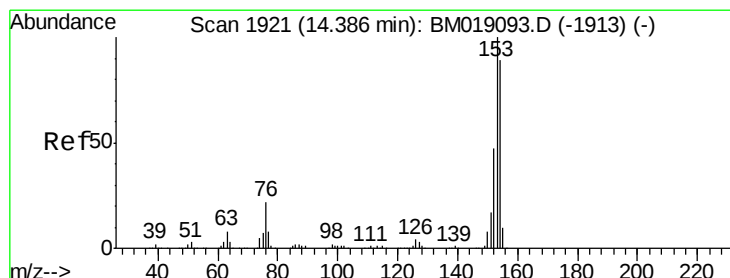
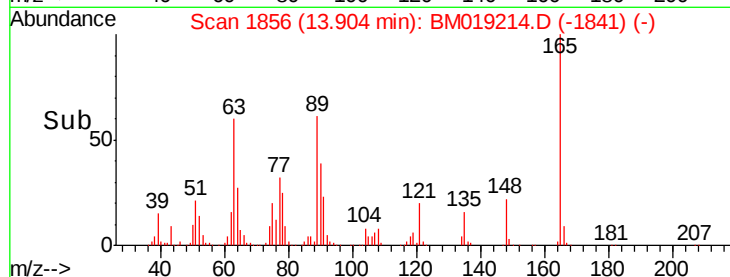
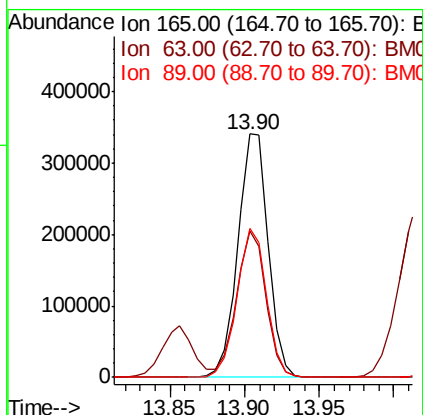
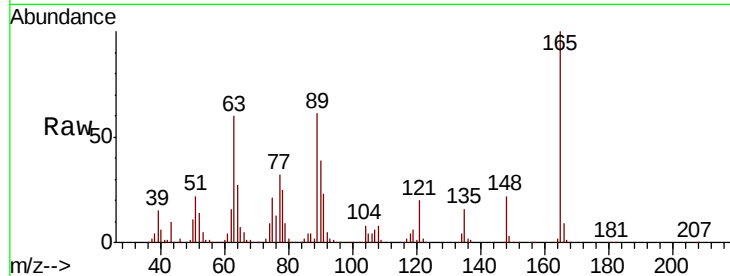




#51
2,6-Dinitrotoluene
Concen: 41.290 ng
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

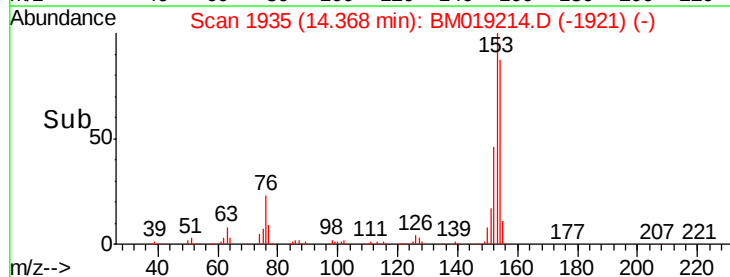
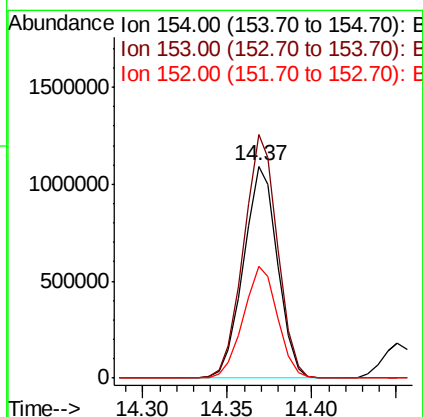
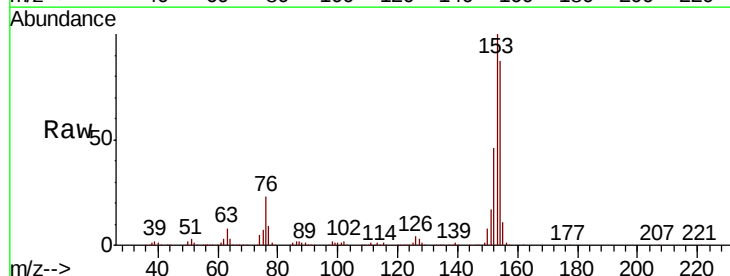
Instrument :
BNA_M
ClientSampleId :
S-1MS

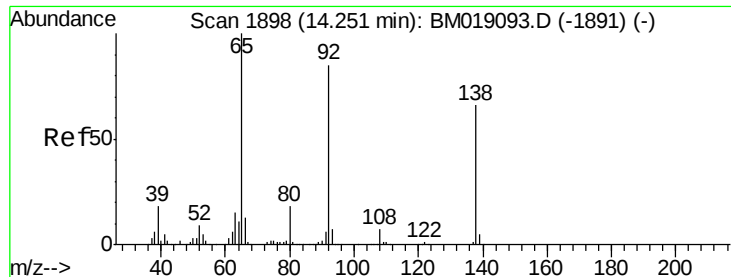
Tgt Ion:165 Resp: 479730
Ion Ratio Lower Upper
165 100
63 60.1 48.2 72.4
89 61.2 49.3 73.9



#52
Acenaphthene
Concen: 38.528 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion:154 Resp: 1533119
Ion Ratio Lower Upper
154 100
153 114.8 90.1 135.1
152 52.9 42.5 63.7

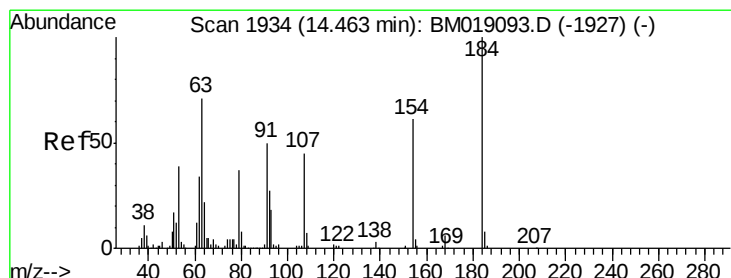
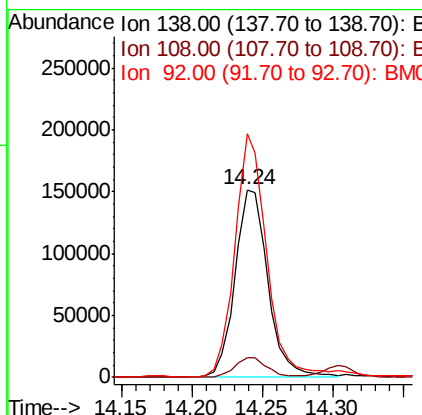
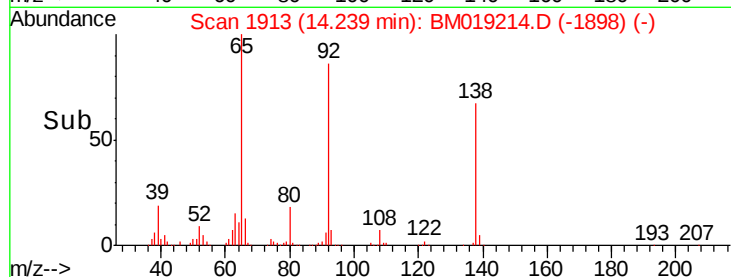
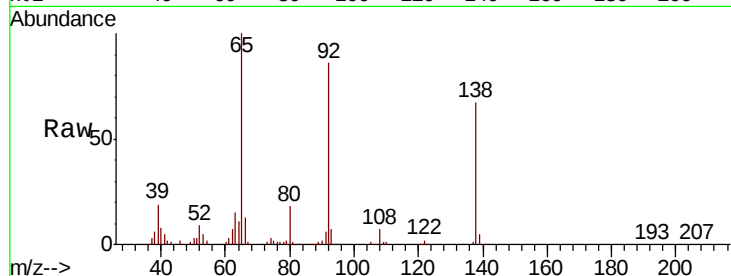




#53
3-Nitroaniline
Concen: 20.135 ng
RT: 14.24 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

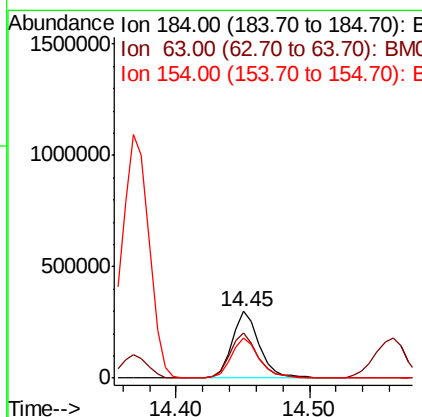
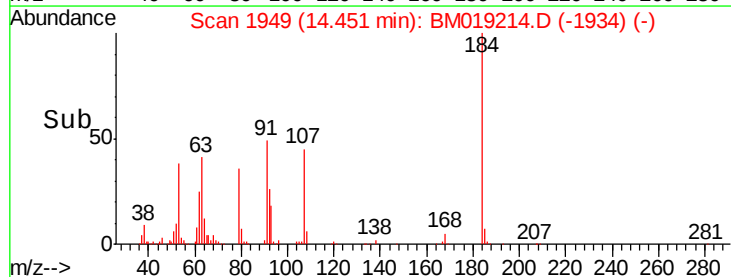
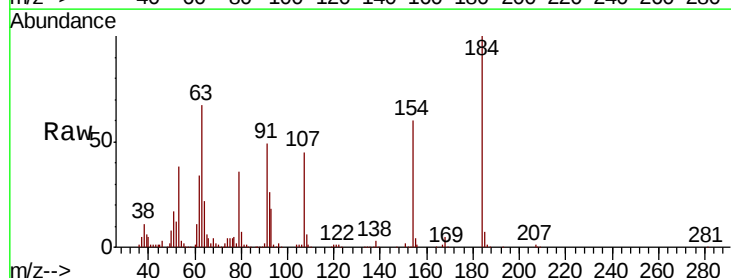
Instrument :
BNA_M
ClientSampleId :
S-1MS

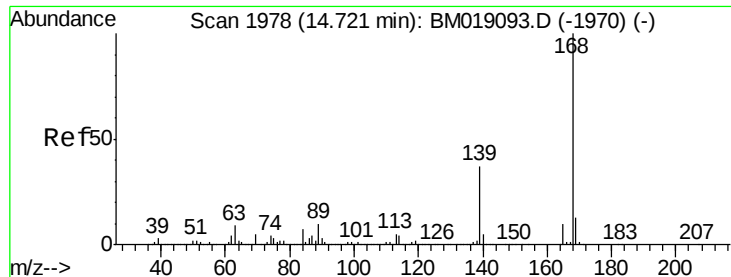
Tgt Ion:138 Resp: 247775
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 129.6 102.6 153.8



#54
2,4-Dinitrophenol
Concen: 63.894 ng
RT: 14.45 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion:184 Resp: 431126
Ion Ratio Lower Upper
184 100
63 67.4 56.7 85.1
154 60.4 49.3 73.9

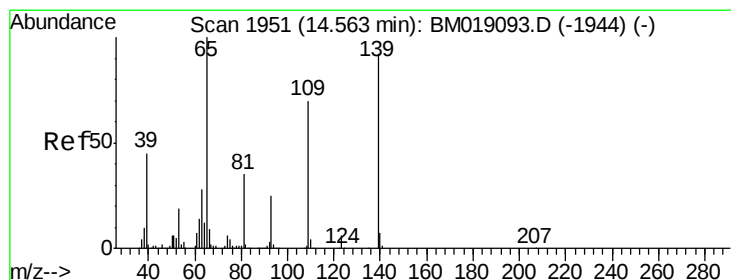
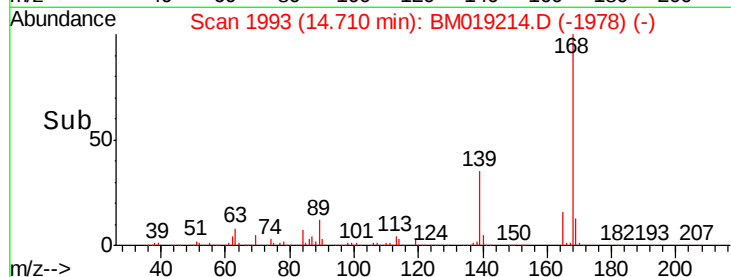
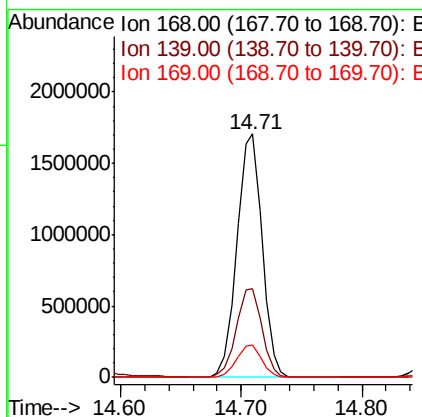
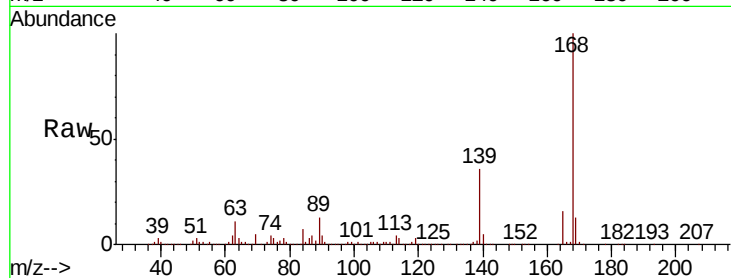




#55
Dibenzenofuran
Concen: 38.701 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

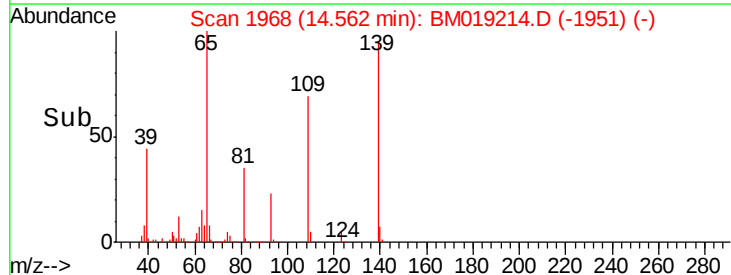
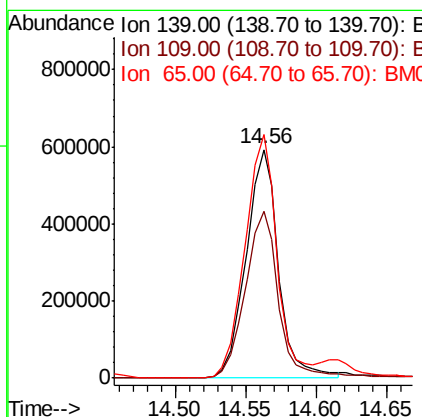
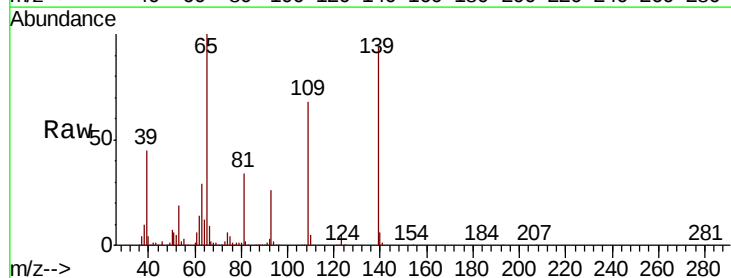
Instrument :
BNA_M
ClientSampleId :
S-1MS

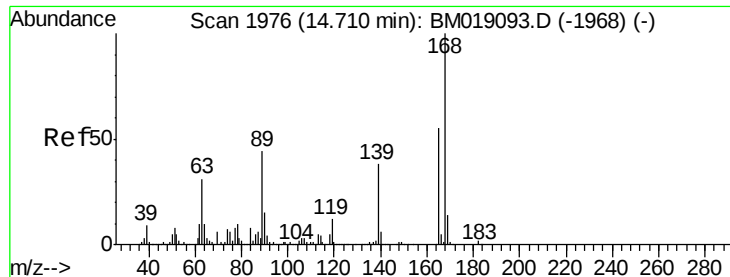
Tgt Ion:168 Resp: 2483531
Ion Ratio Lower Upper
168 100
139 36.2 30.1 45.1
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 95.070 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion:139 Resp: 955184
Ion Ratio Lower Upper
139 100
109 72.7 56.3 96.3
65 106.5 89.2 129.2

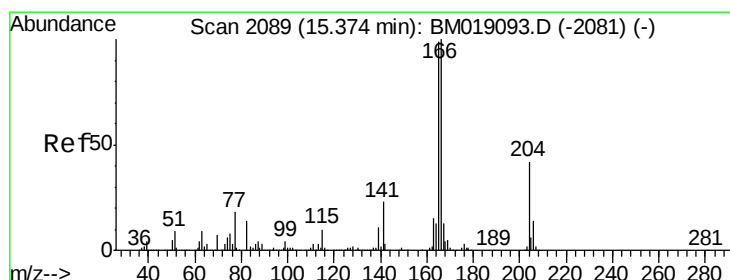
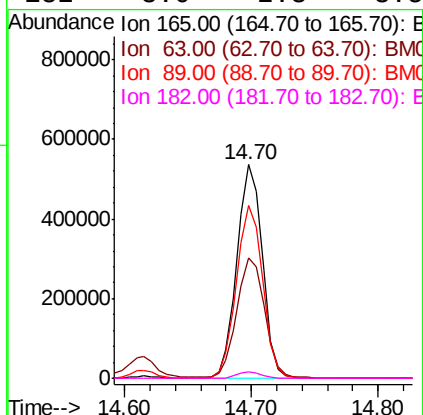
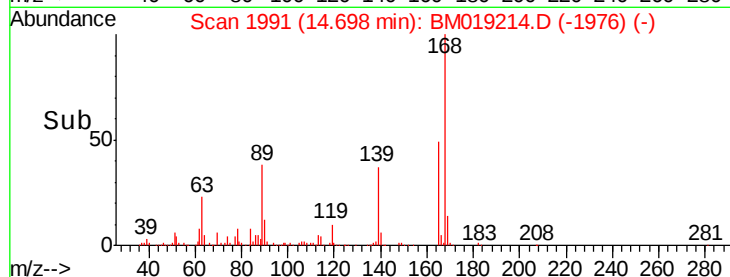
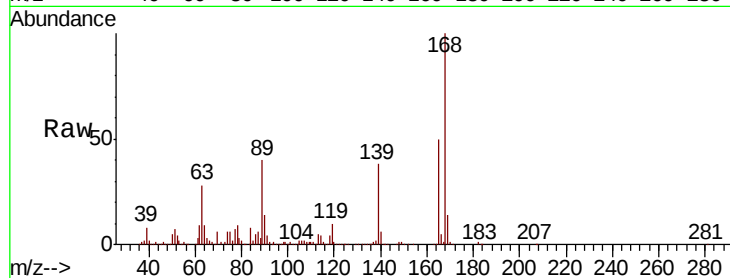




#57
2,4-Dinitrotoluene
Concen: 44.117 ng
RT: 14.70 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

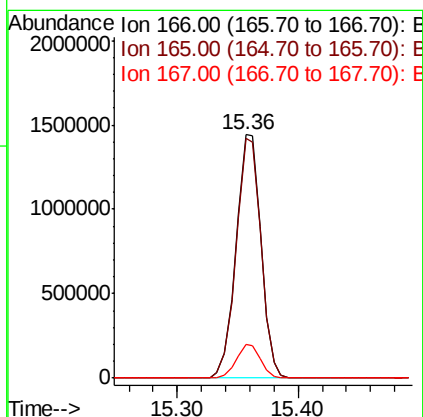
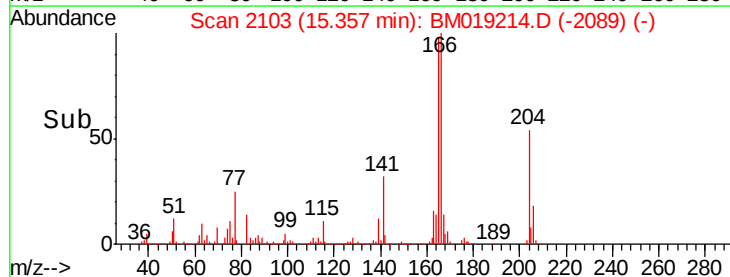
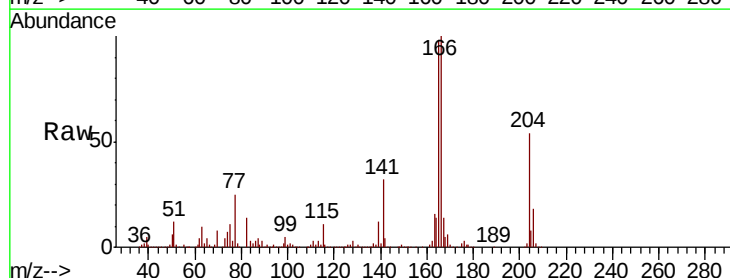
Instrument :
BNA_M
ClientSampleId :
S-1MS

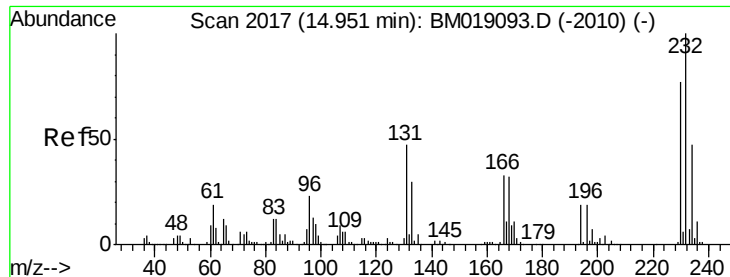
Tgt Ion:165 Resp: 744062
Ion Ratio Lower Upper
165 100
63 56.5 44.7 67.1
89 80.9 63.4 95.2
182 3.0 2.3 3.5



#58
Fluorene
Concen: 39.214 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion:166 Resp: 2074250
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.4
167 13.9 10.8 16.2

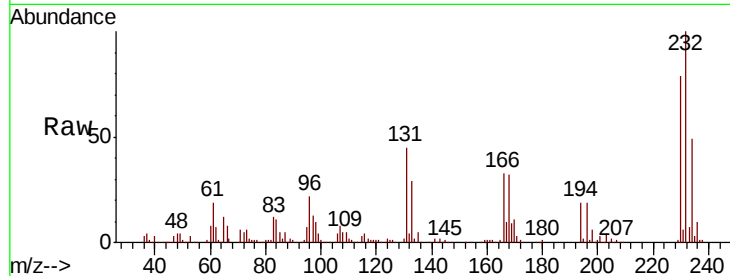




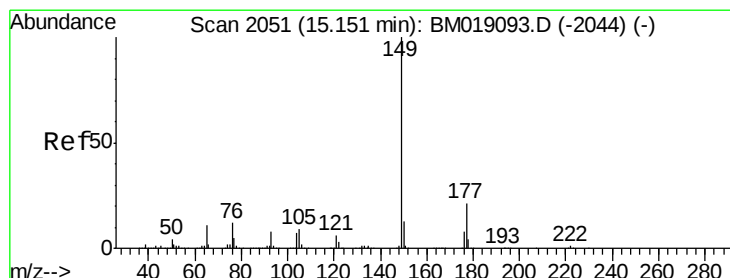
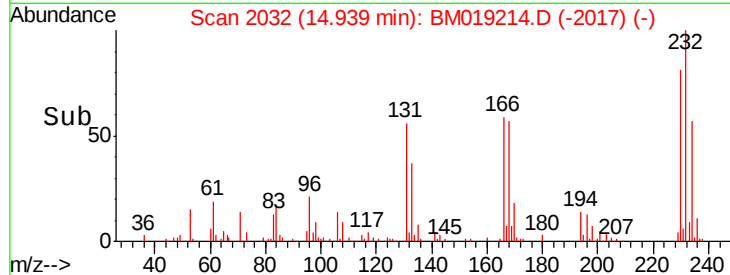
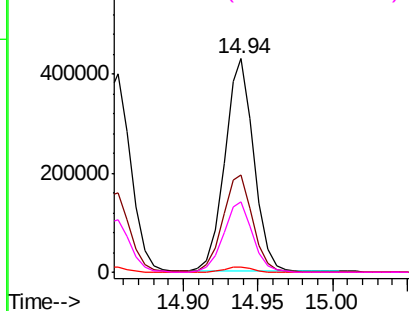
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.628 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Instrument :
 BNA_M
 ClientSampleId :
 S-1MS

Tgt Ion:	232	Resp:	583397
Ion	Ratio	Lower	Upper
232	100		
131	46.7	38.2	57.2
130	2.5	1.9	2.9
166	33.3	27.0	40.4

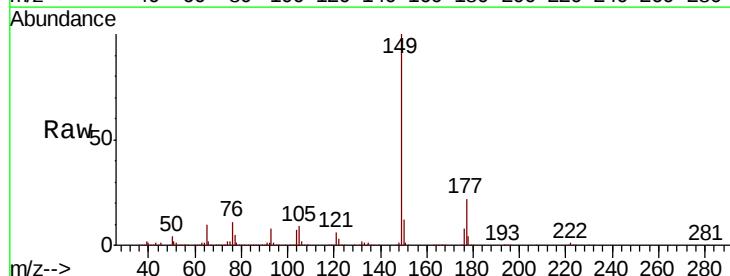


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

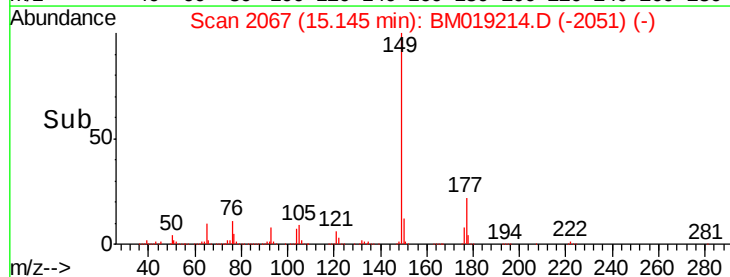
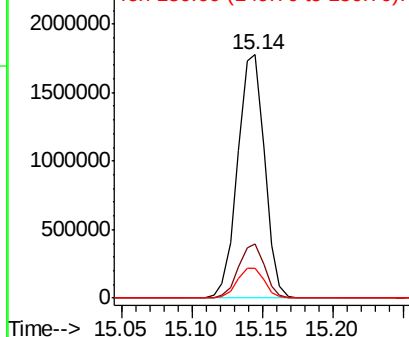


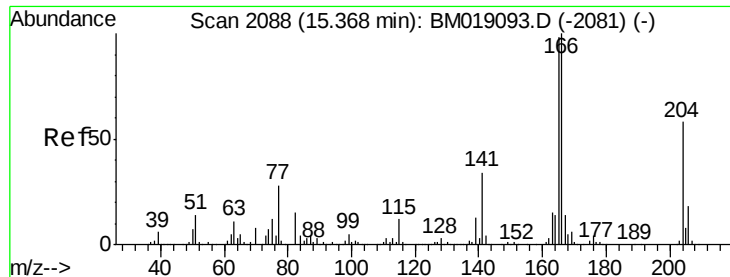
#60
 Diethylphthalate
 Concen: 43.497 ng
 RT: 15.14 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Tgt Ion:	149	Resp:	2367769
Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.0	25.6
150	12.5	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

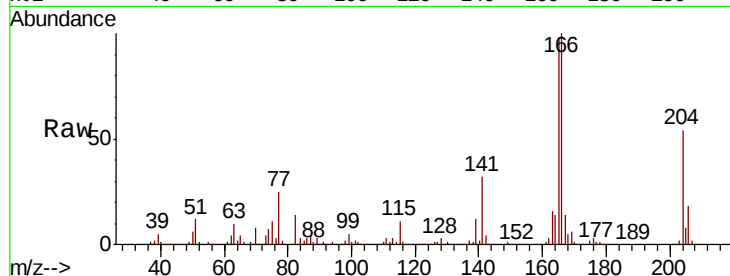




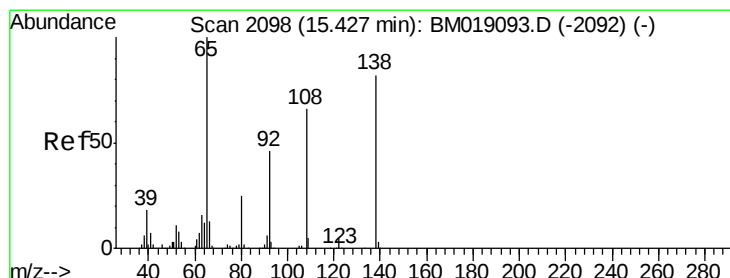
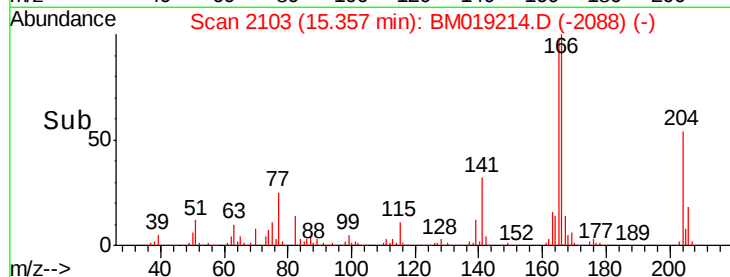
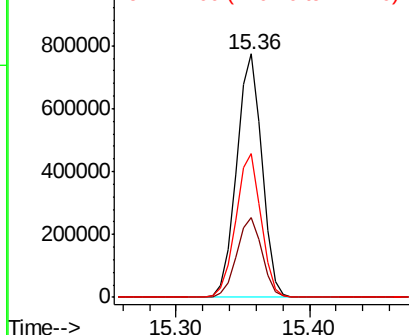
#61
 4-Chlorophenyl-phenylether
 Concen: 39.517 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Instrument :
 BNA_M
 ClientSampled :
 S-1MS

Tgt Ion:204 Resp: 1015234
 Ion Ratio Lower Upper
 204 100
 206 32.9 25.5 38.3
 141 58.8 47.8 71.8

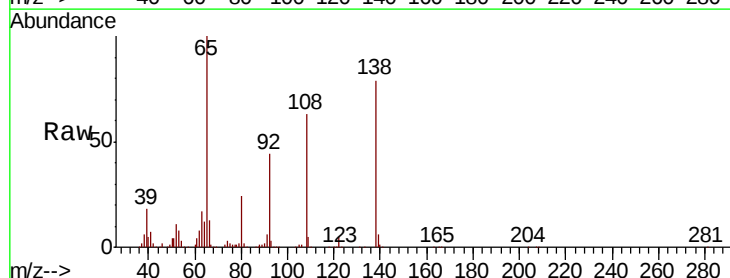


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

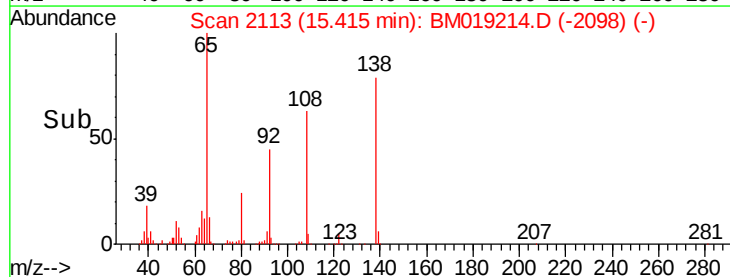
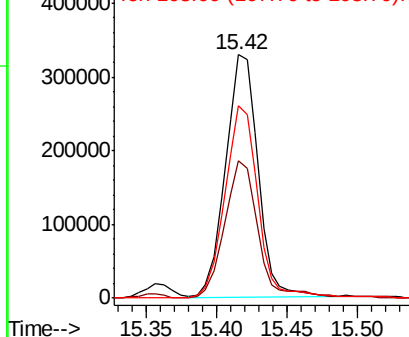


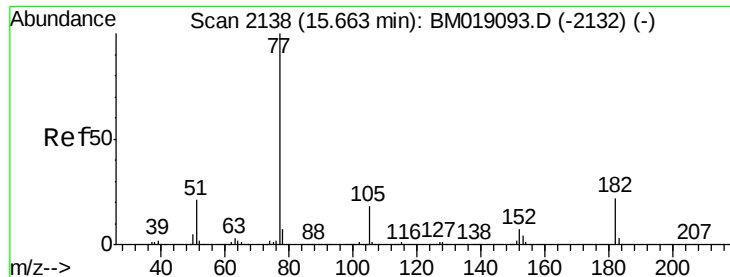
#62
 4-Nitroaniline
 Concen: 42.558 ng
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Tgt Ion:138 Resp: 527779
 Ion Ratio Lower Upper
 138 100
 92 56.2 36.2 76.2
 108 79.1 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

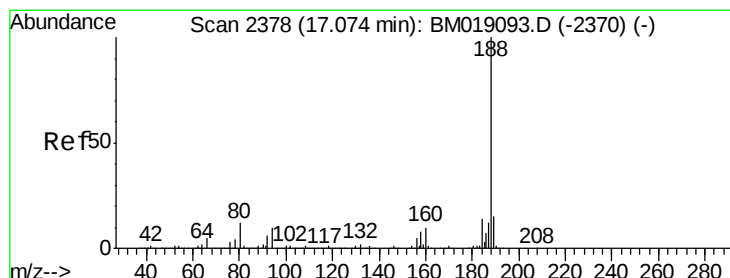
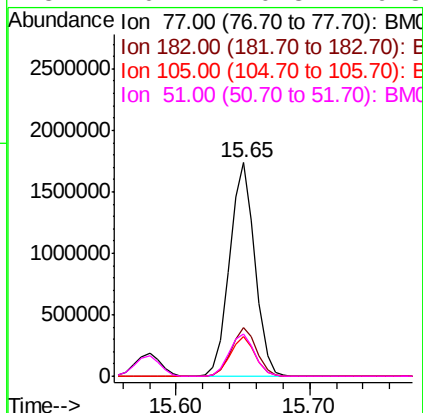
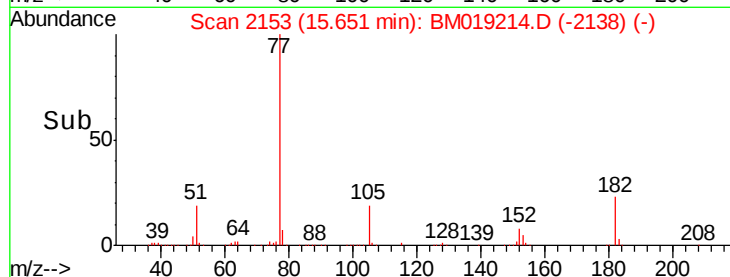
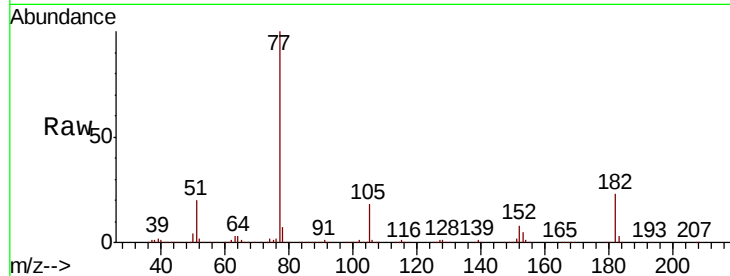




#63
Azobenzene
Concen: 39.999 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

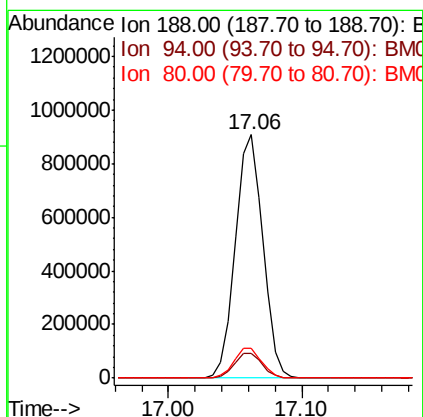
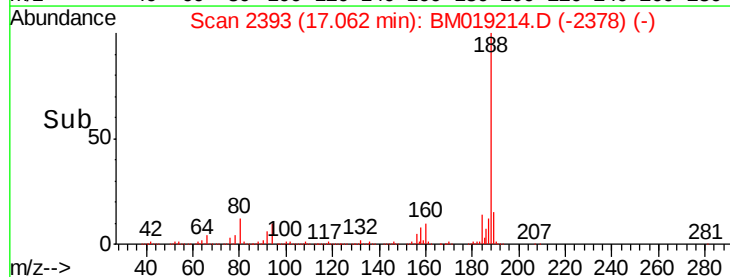
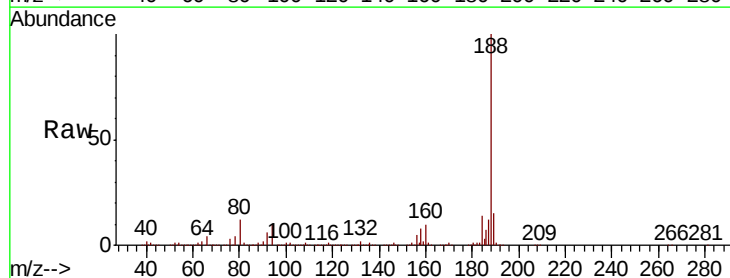
Instrument :
BNA_M
ClientSampleId :
S-1MS

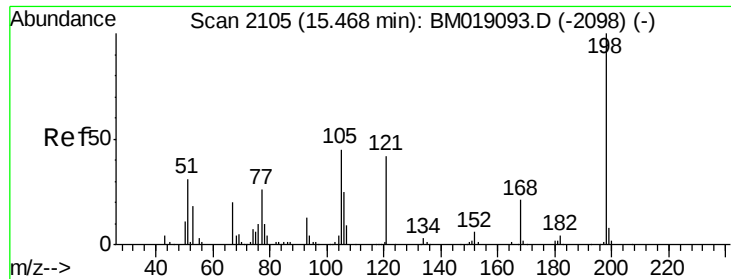
Tgt Ion: 77 Resp: 2291188
Ion Ratio Lower Upper
77 100
182 22.8 1.8 41.8
105 18.3 0.0 38.3
51 20.1 0.8 40.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion: 188 Resp: 1301691
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 12.1 9.7 14.5





#65

4,6-Dinitro-2-methylphenol

Concen: 43.259 ng

RT: 15.46 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

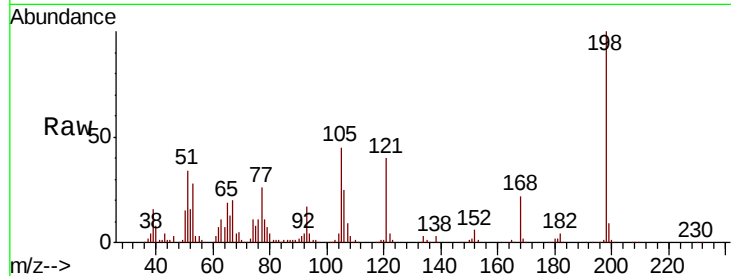
Tgt Ion:198 Resp: 368993

Ion Ratio Lower Upper

198 100

51 34.2 17.3 57.3

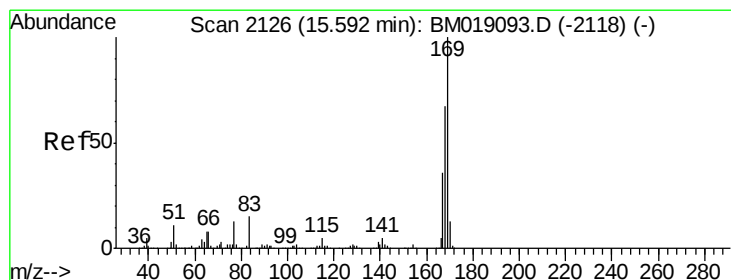
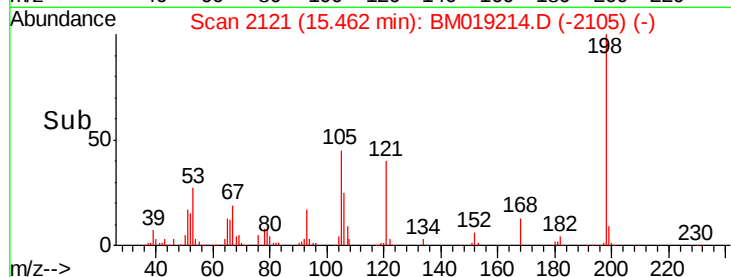
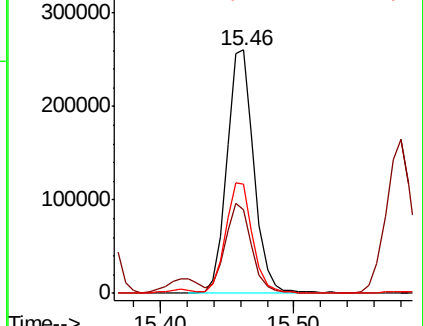
105 44.9 26.2 66.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM019214.D (-2105) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.924 ng

RT: 15.58 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

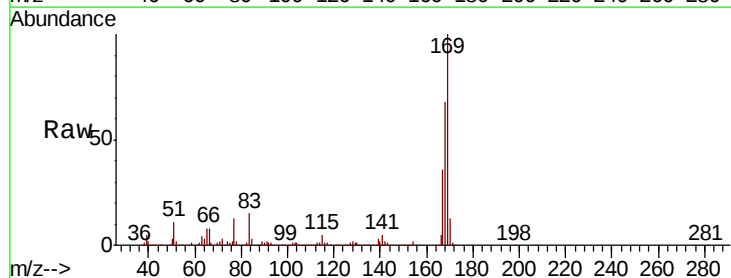
Tgt Ion:169 Resp: 1944592

Ion Ratio Lower Upper

169 100

168 68.2 53.9 80.9

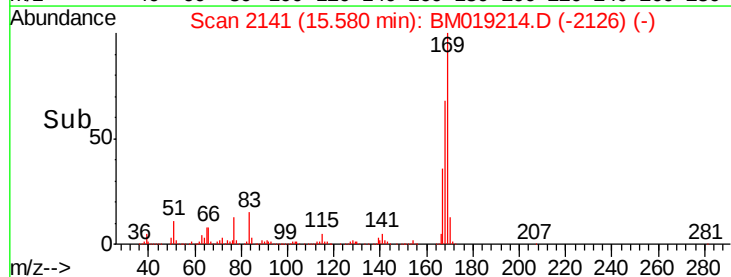
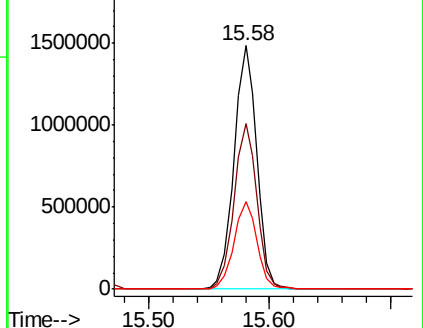
167 36.0 28.8 43.2

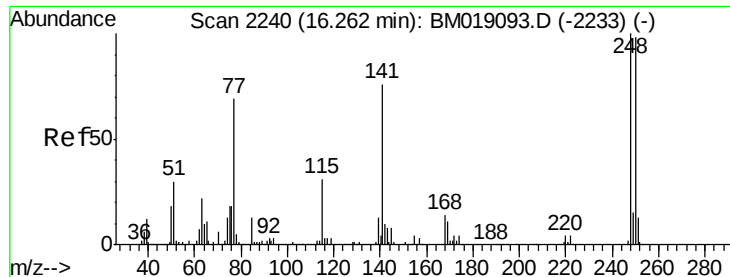


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

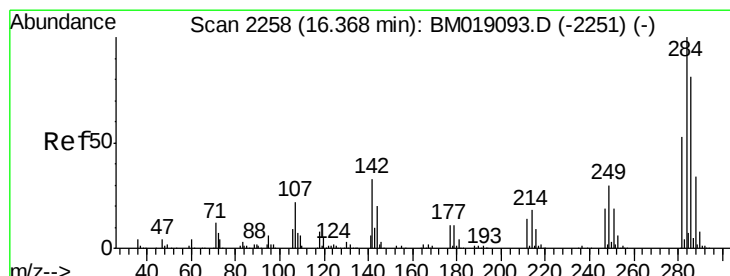
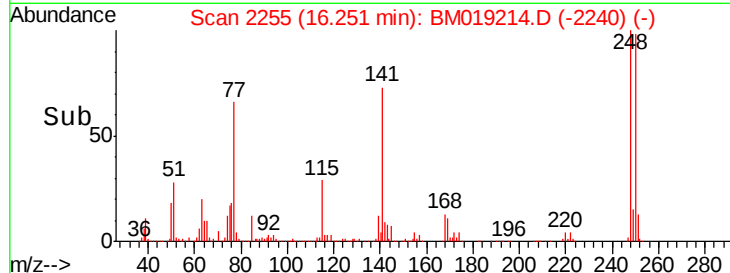
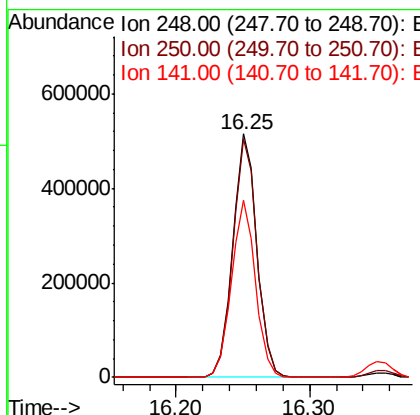
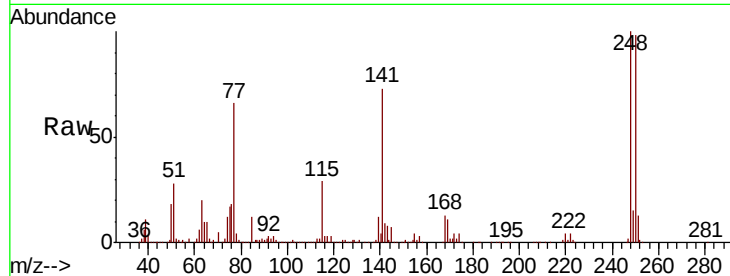




#67
 4-Bromophenyl-phenylether
 Concen: 45.101 ng
 RT: 16.25 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

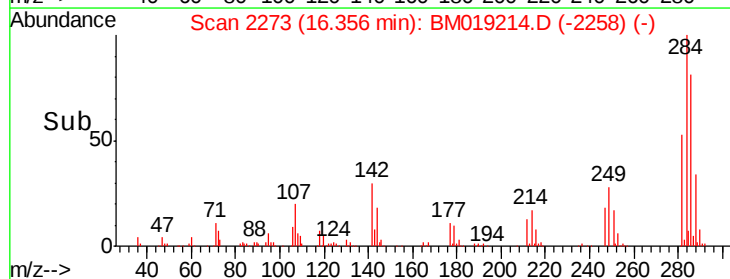
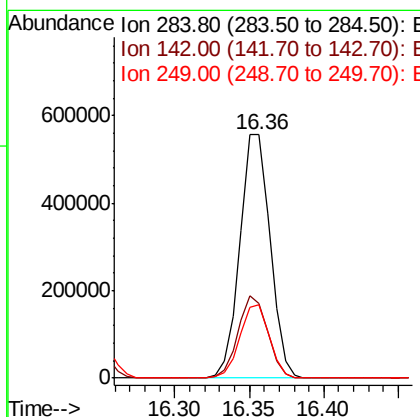
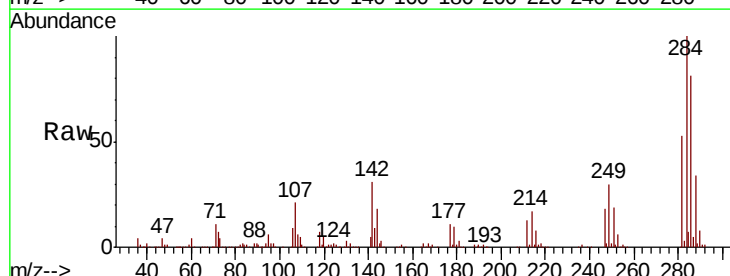
Instrument :
 BNA_M
 ClientSampleId :
 S-1MS

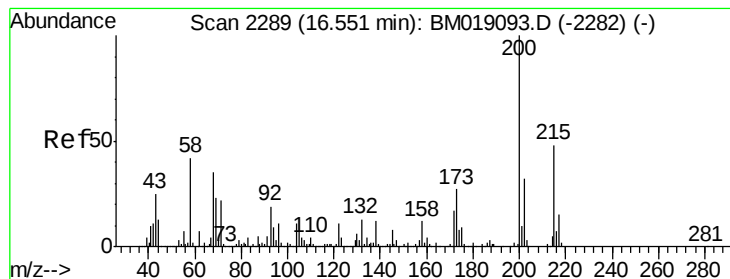
Tgt Ion:248 Resp: 647390
 Ion Ratio Lower Upper
 248 100
 250 98.0 78.0 117.0
 141 72.9 61.0 91.4



#68
 Hexachlorobenzene
 Concen: 45.935 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Tgt Ion:284 Resp: 783914
 Ion Ratio Lower Upper
 284 100
 142 30.8 26.3 39.5
 249 30.0 24.1 36.1





#69

Atrazine

Concen: 43.233 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

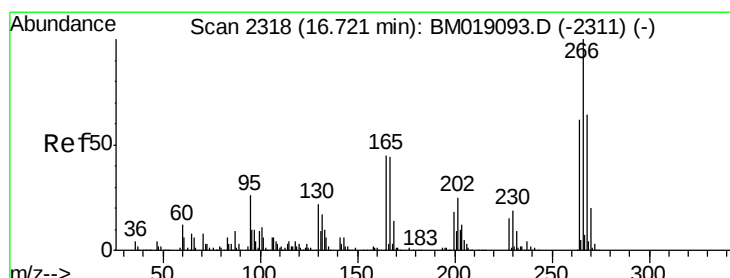
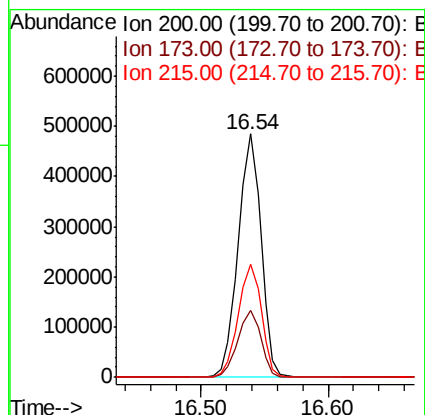
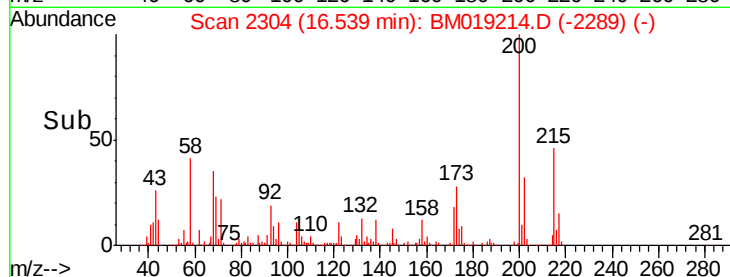
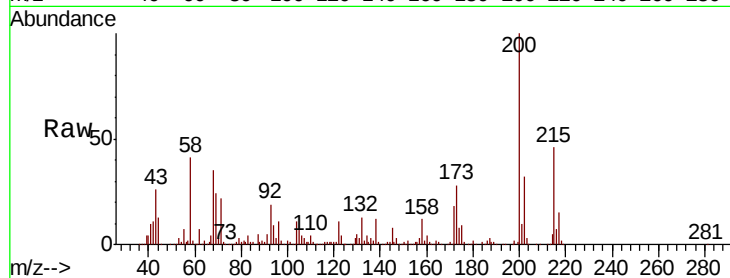
Tgt Ion:200 Resp: 603112

Ion Ratio Lower Upper

200 100

173 27.8 7.0 47.0

215 46.5 27.7 67.7



#70

Pentachlorophenol

Concen: 103.687 ng

RT: 16.71 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

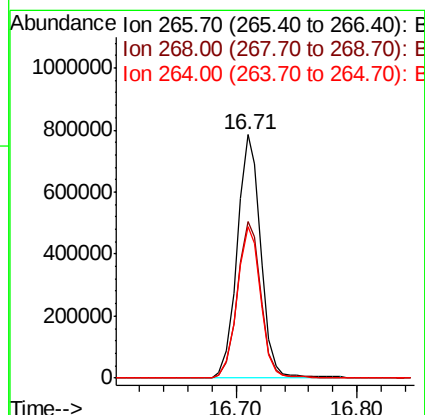
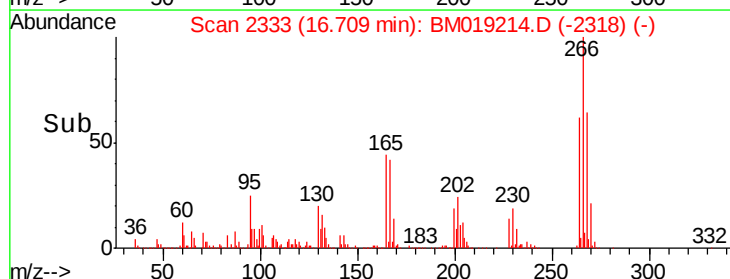
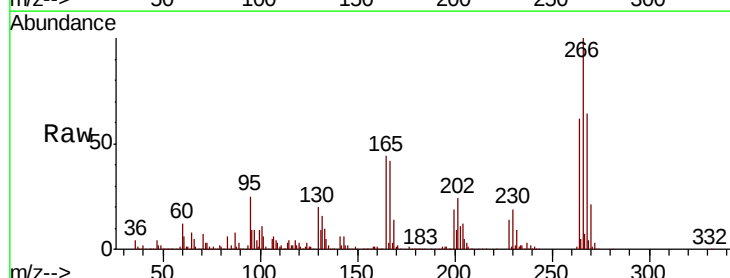
Tgt Ion:266 Resp: 1066095

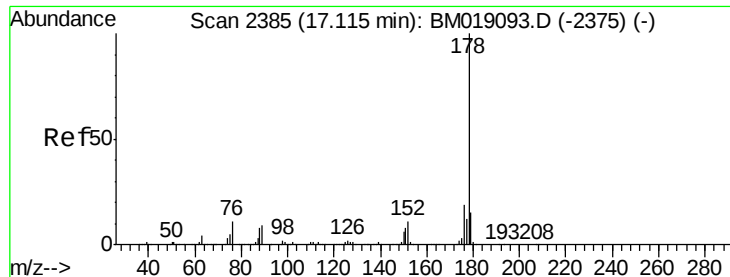
Ion Ratio Lower Upper

266 100

268 64.3 51.3 76.9

264 62.4 50.0 75.0

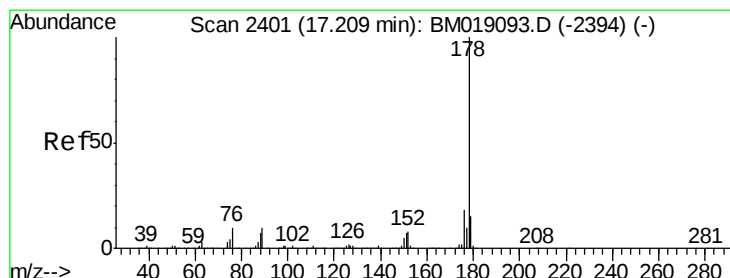
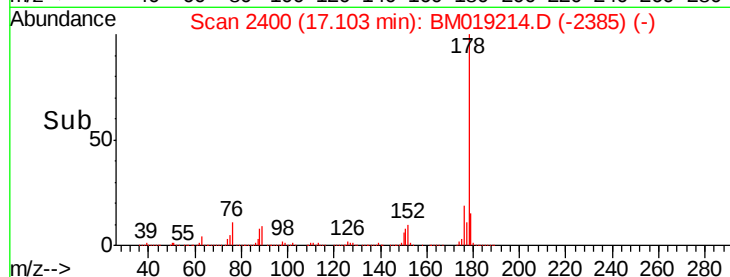
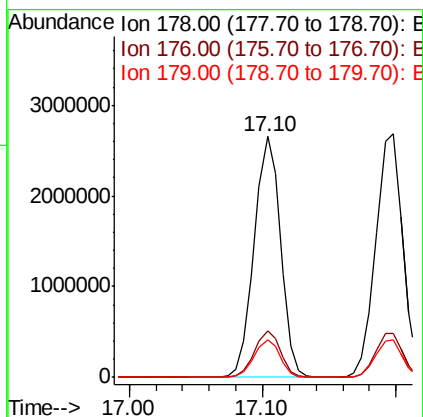
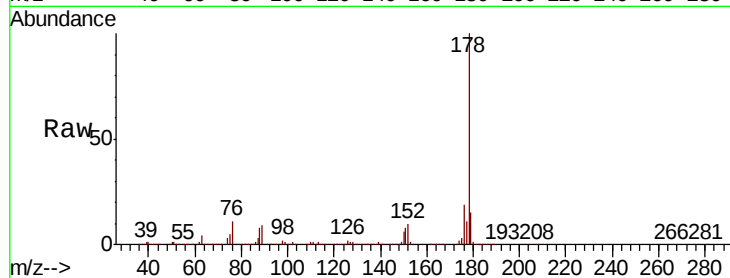




#71
Phenanthrene
Concen: 47.130 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

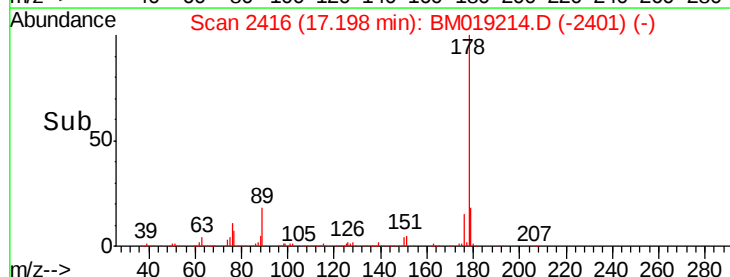
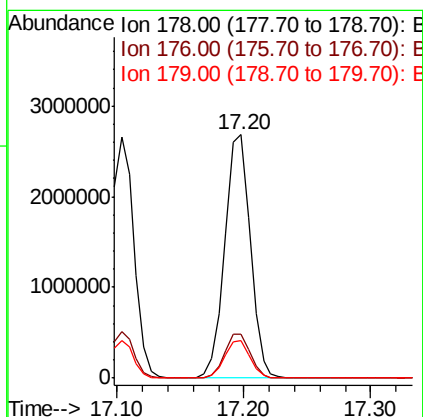
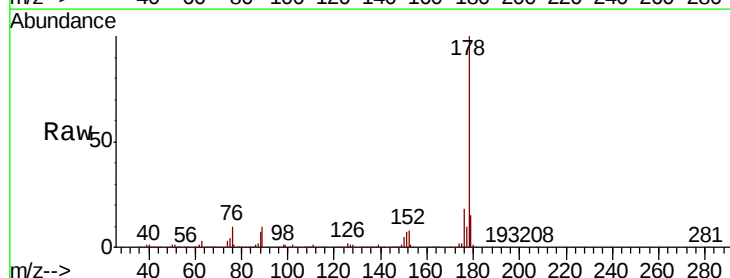
Instrument :
BNA_M
ClientSampleId :
S-1MS

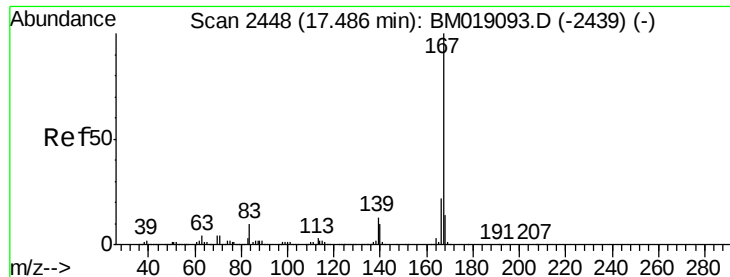
Tgt Ion:178 Resp: 3595833
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.2 18.2



#72
Anthracene
Concen: 49.888 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion:178 Resp: 3726187
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 15.5 11.9 17.9





#73

Carbazole

Concen: 51.042 ng

RT: 17.48 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

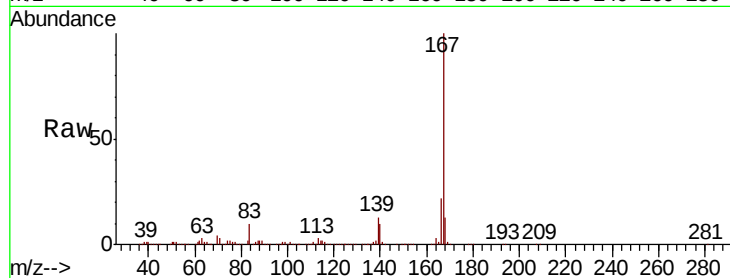
Tgt Ion:167 Resp: 3598279

Ion Ratio Lower Upper

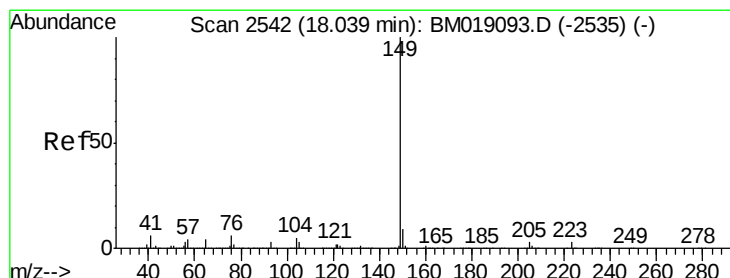
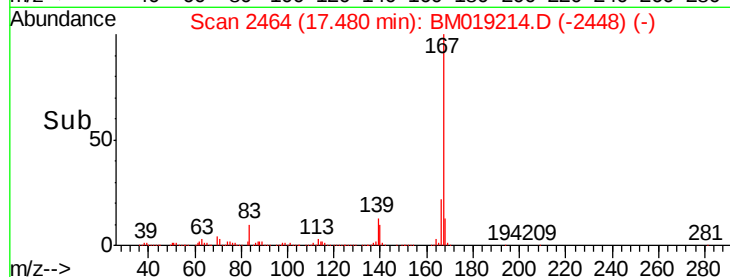
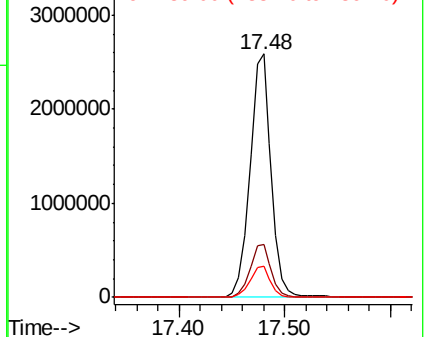
167 100

166 21.8 17.8 26.8

139 12.6 10.5 15.7



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



#74

Di-n-butylphthalate

Concen: 57.779 ng

RT: 18.03 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

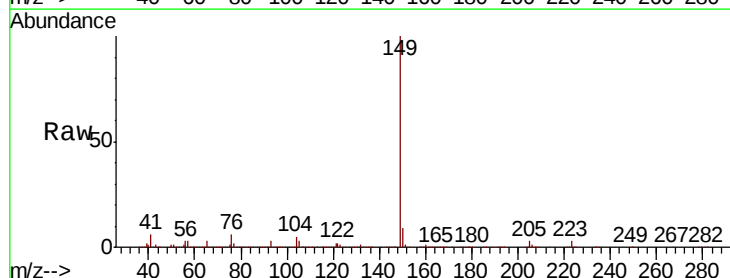
Tgt Ion:149 Resp: 4925467

Ion Ratio Lower Upper

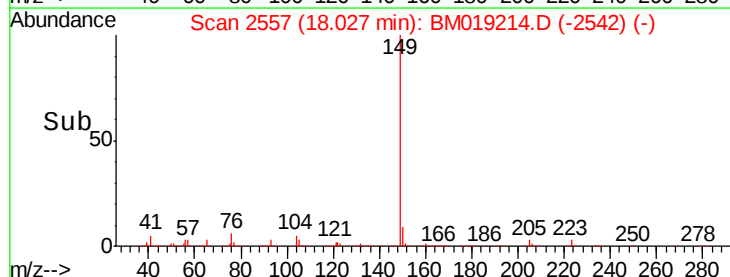
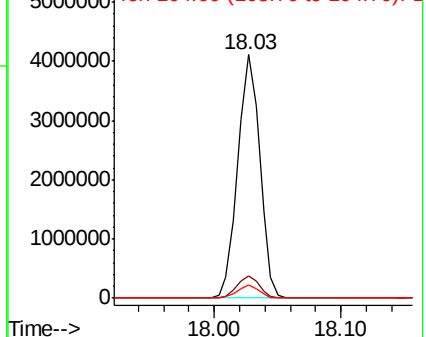
149 100

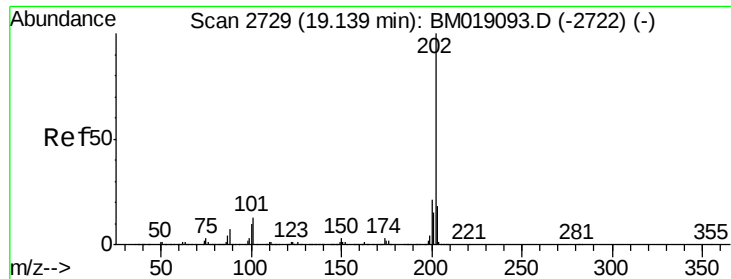
150 9.3 7.4 11.0

104 5.2 4.2 6.4



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





#75

Fluoranthene

Concen: 49.168 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

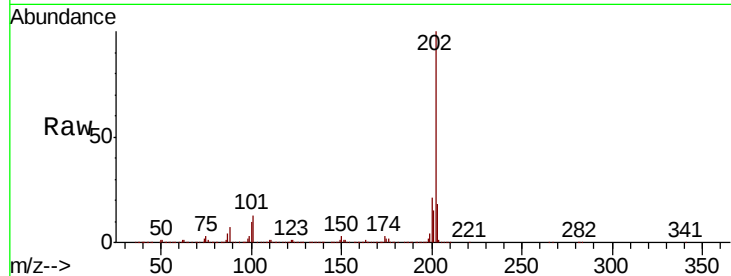
Tgt Ion:202 Resp: 4304562

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.0

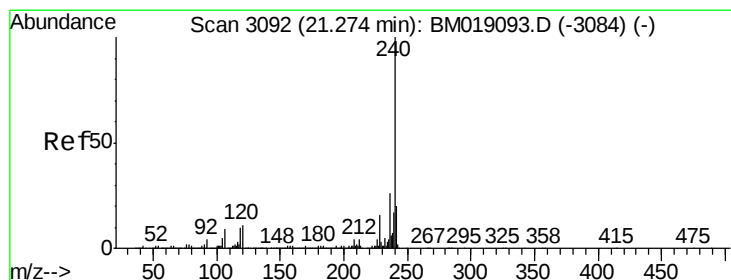
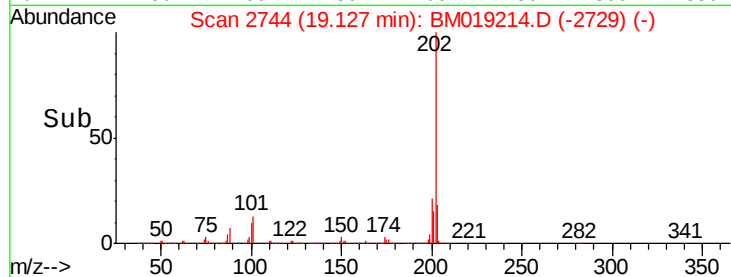
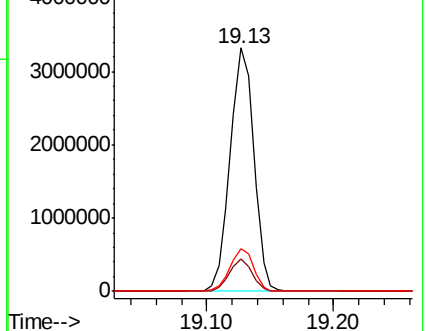
203 17.6 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

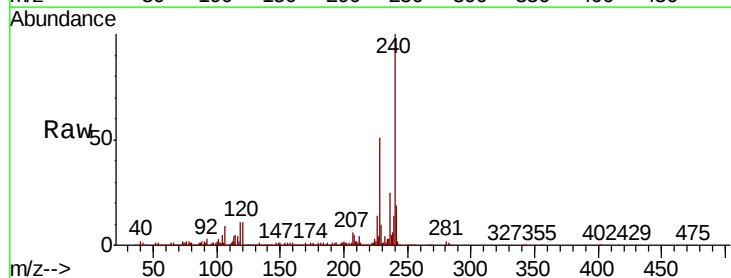
Tgt Ion:240 Resp: 990406

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

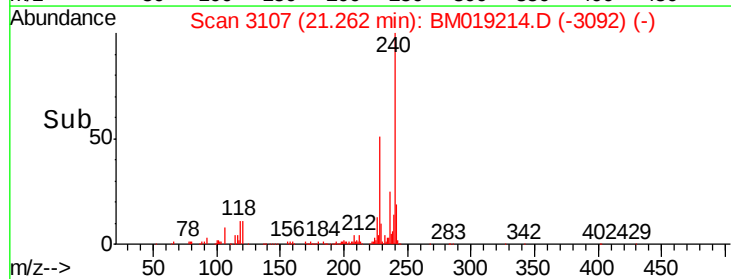
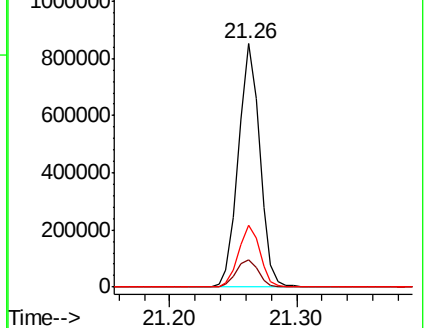
236 25.4 21.0 31.4

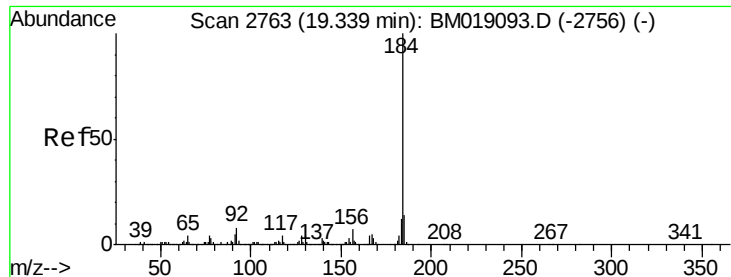


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.830 ng

RT: 19.33 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

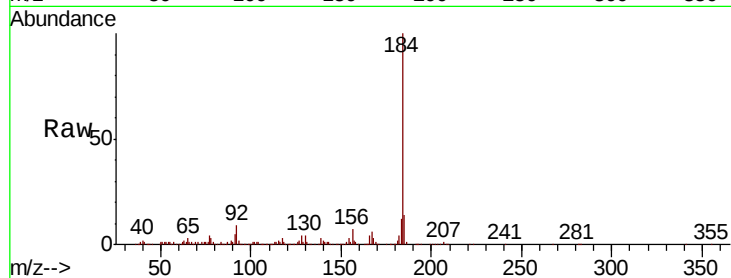
Tgt Ion:184 Resp: 1006423

Ion Ratio Lower Upper

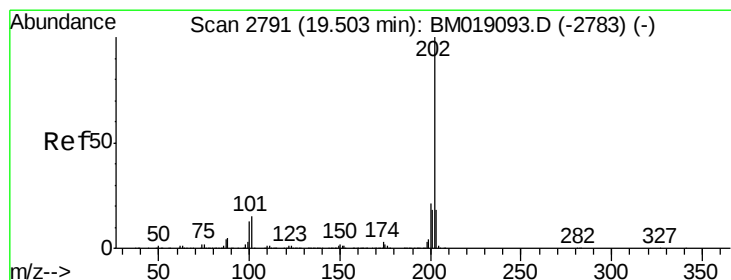
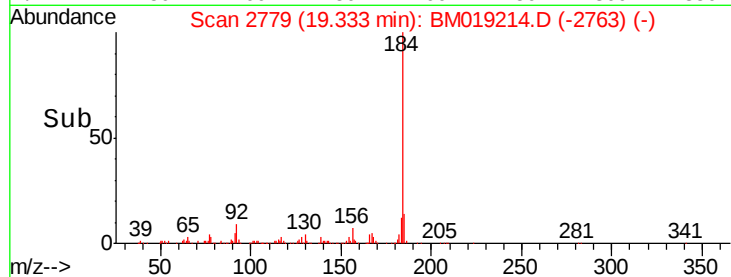
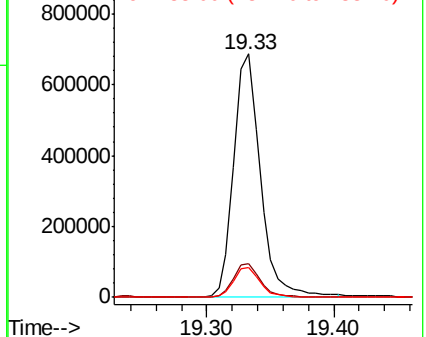
184 100

185 14.1 11.0 16.4

183 12.2 9.8 14.6



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



#78

Pyrene

Concen: 68.656 ng

RT: 19.49 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

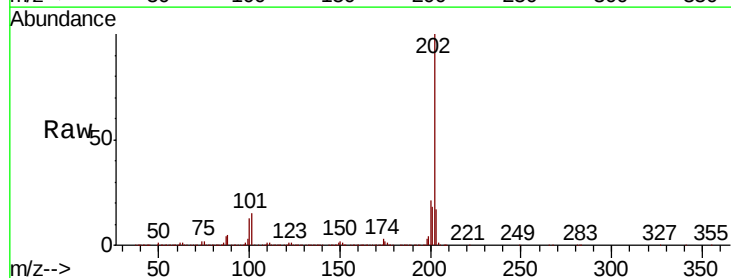
Tgt Ion:202 Resp: 4302270

Ion Ratio Lower Upper

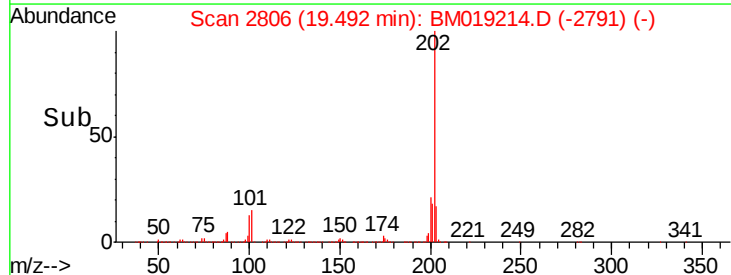
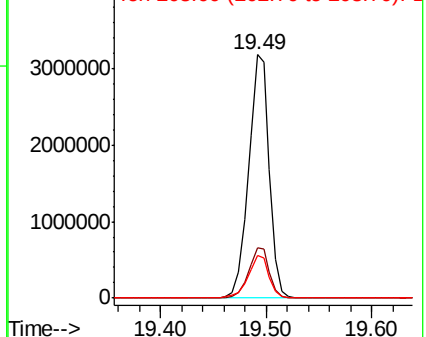
202 100

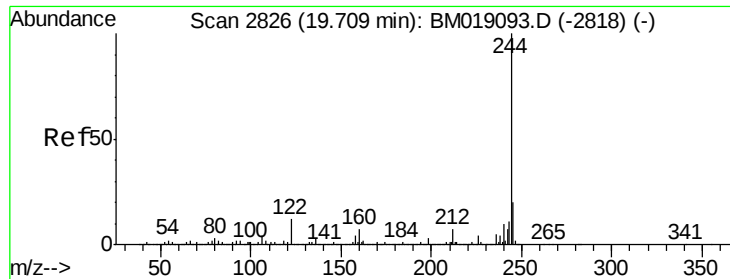
200 20.8 16.9 25.3

203 17.4 14.0 21.0



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





#79

Terphenyl-d14

Concen: 144.400 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

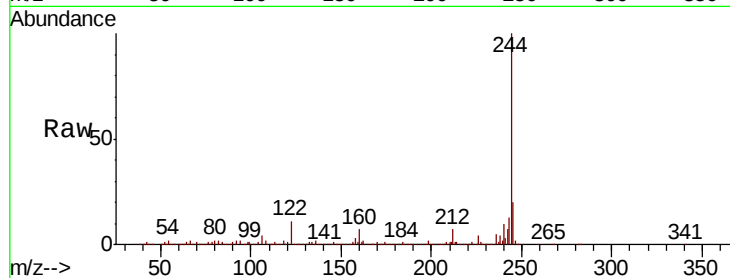
Tgt Ion:244 Resp: 7203995

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

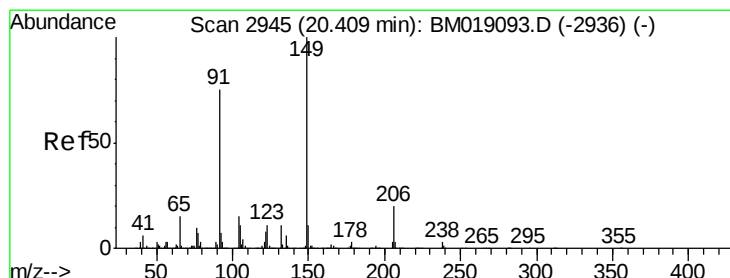
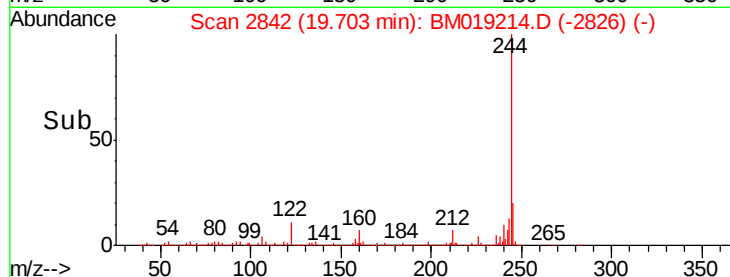
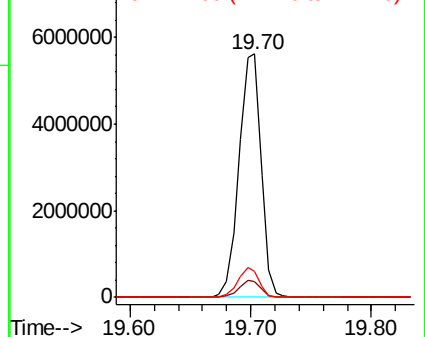
122 10.8 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 78.580 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

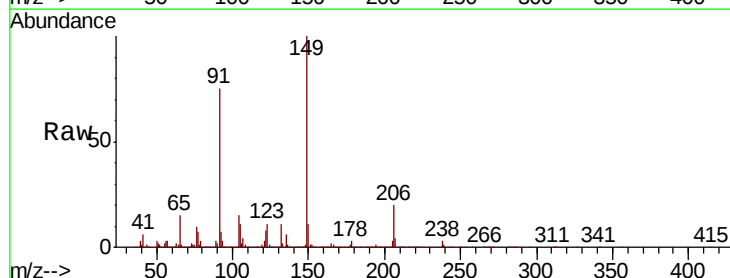
Tgt Ion:149 Resp: 2144746

Ion Ratio Lower Upper

149 100

91 75.3 60.1 90.1

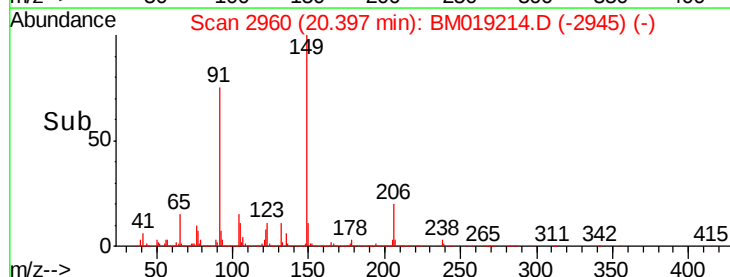
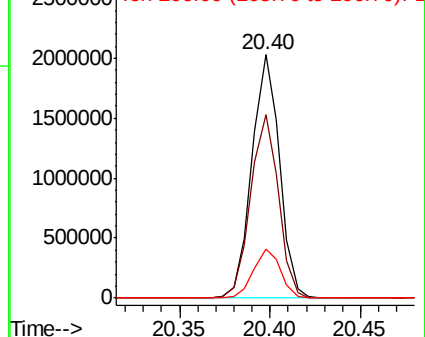
206 20.1 16.2 24.2

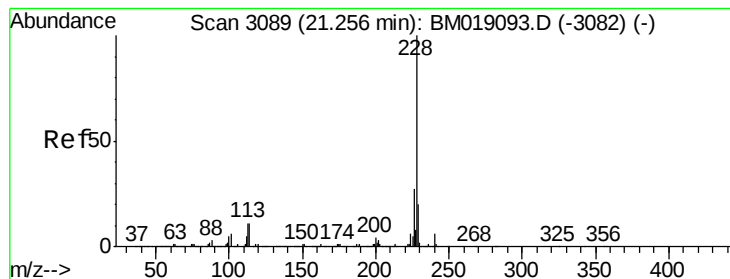


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 55.985 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

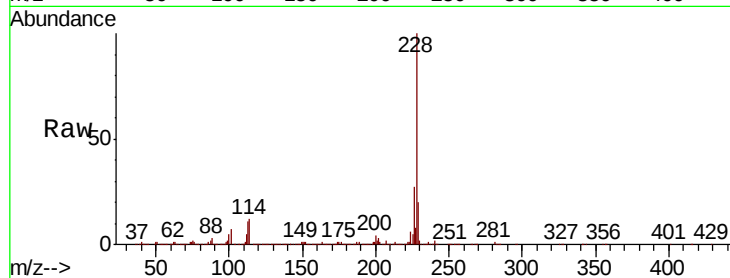
Tgt Ion:228 Resp: 3478574

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

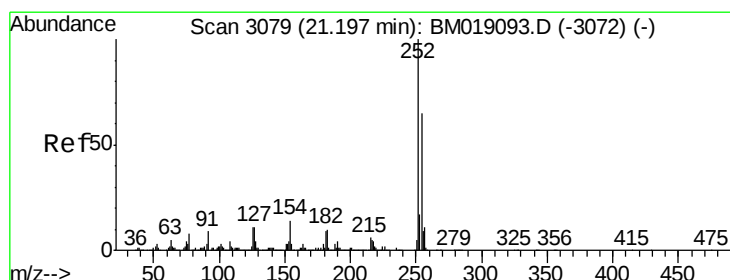
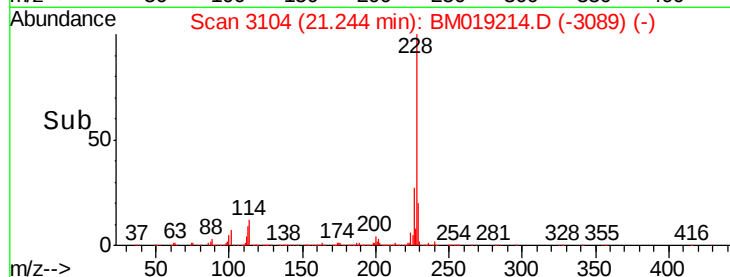
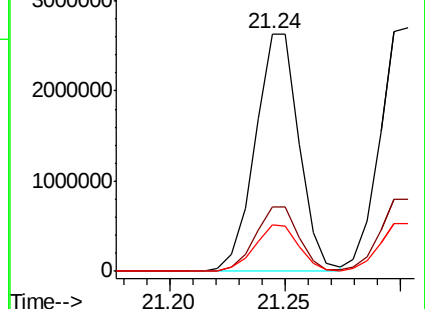
229 19.6 15.8 23.6



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: 28.693 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

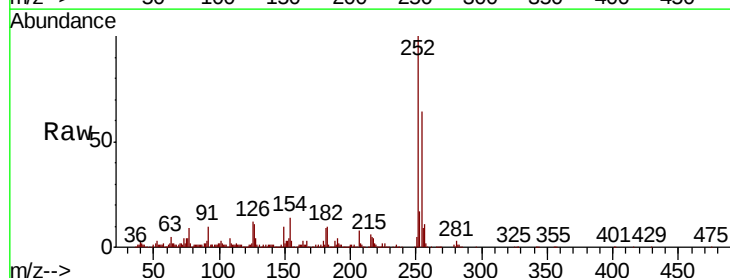
Tgt Ion:252 Resp: 686805

Ion Ratio Lower Upper

252 100

254 63.6 52.4 78.6

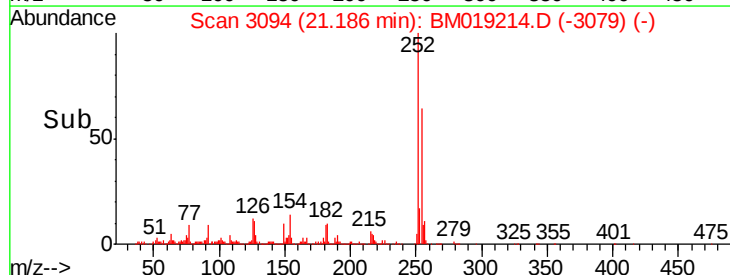
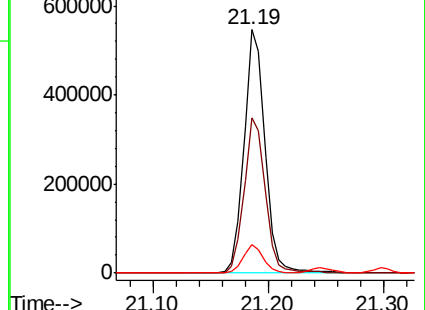
126 11.5 9.0 13.6

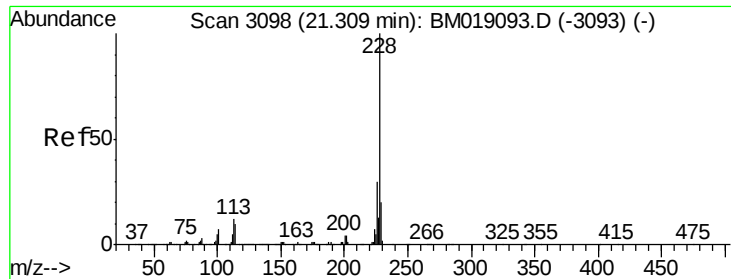


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 55.721 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

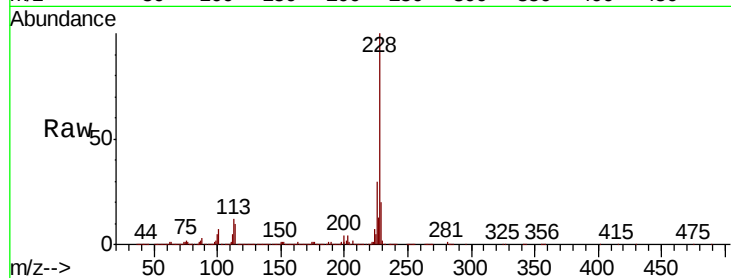
Tgt Ion:228 Resp: 3349480

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

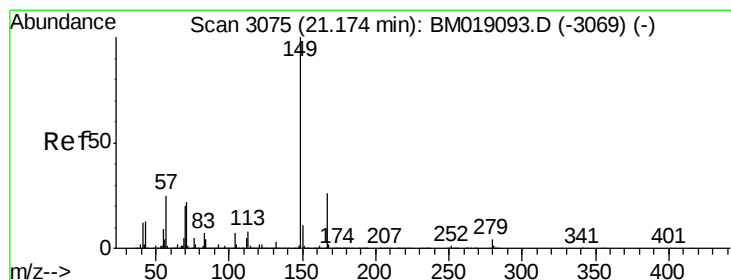
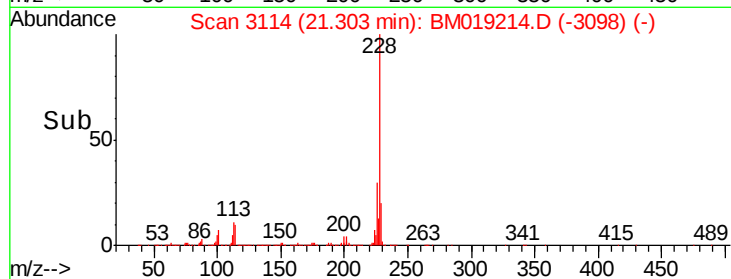
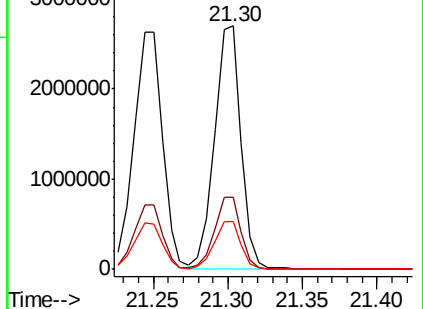
229 19.6 15.7 23.5



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: 79.373 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

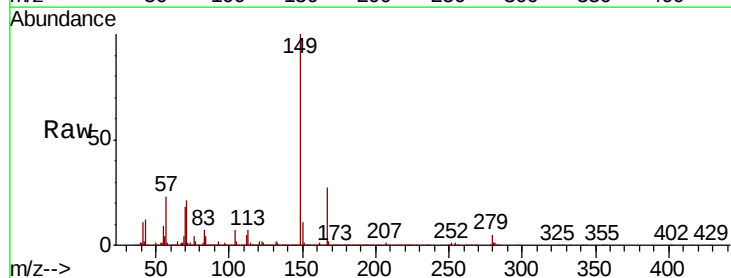
Tgt Ion:149 Resp: 3151735

Ion Ratio Lower Upper

149 100

167 27.0 21.1 31.7

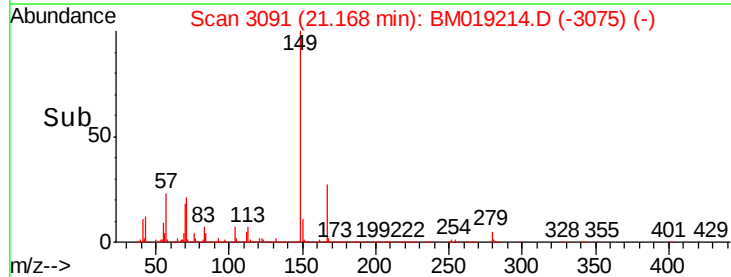
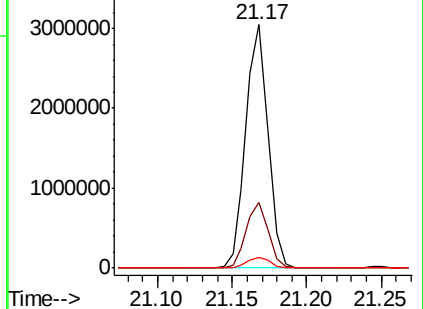
279 4.6 3.2 4.8

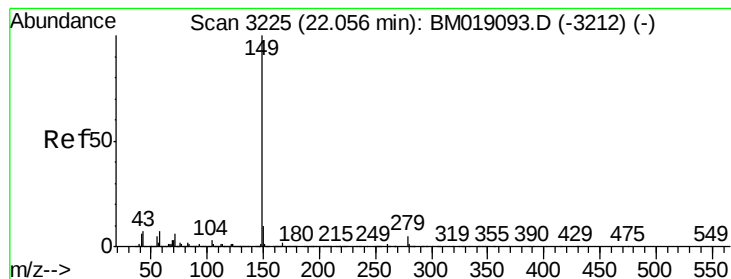


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 70.128 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

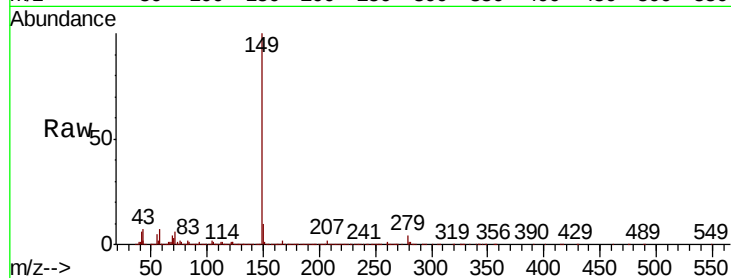
Tgt Ion:149 Resp: 4689022

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

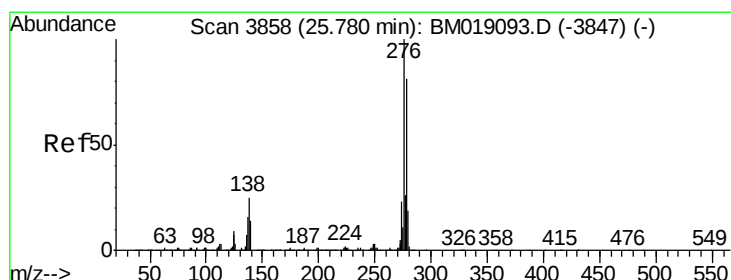
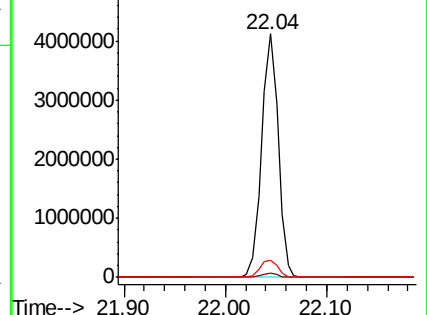
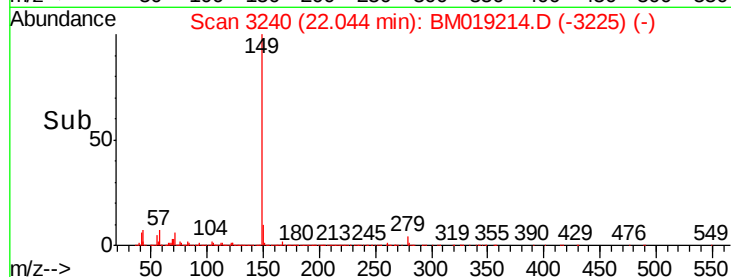
43 7.5 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 62.930 ng

RT: 25.77 min Scan# 3873

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

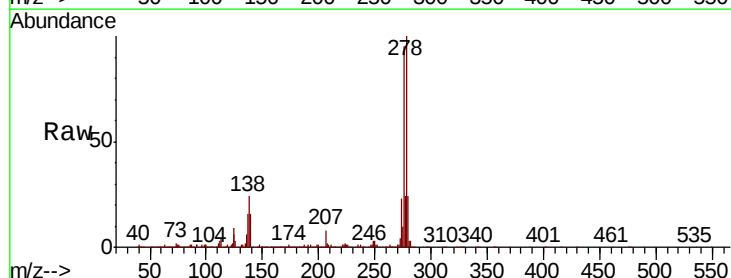
Tgt Ion:276 Resp: 4072106

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.8

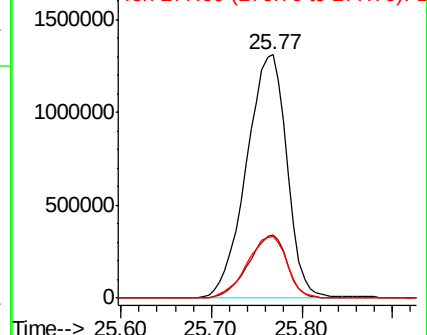
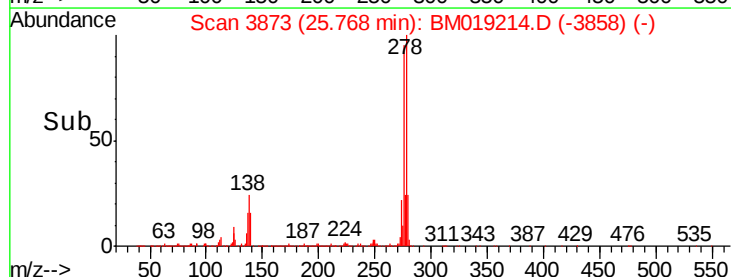
277 25.3 20.3 30.5

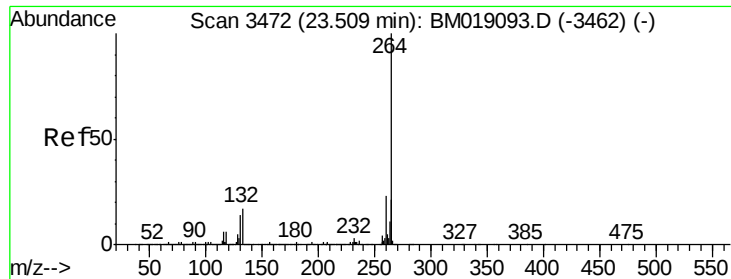


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

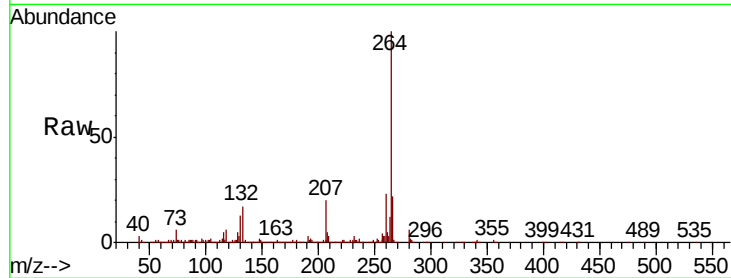
Tgt Ion:264 Resp: 925252

Ion Ratio Lower Upper

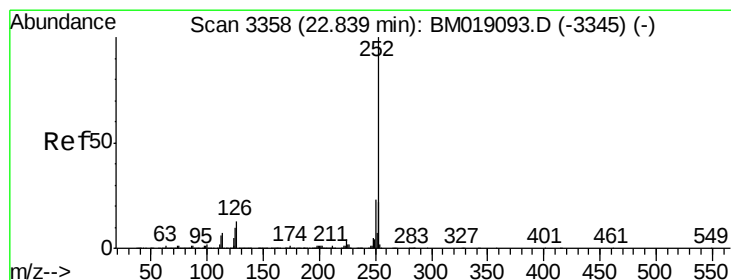
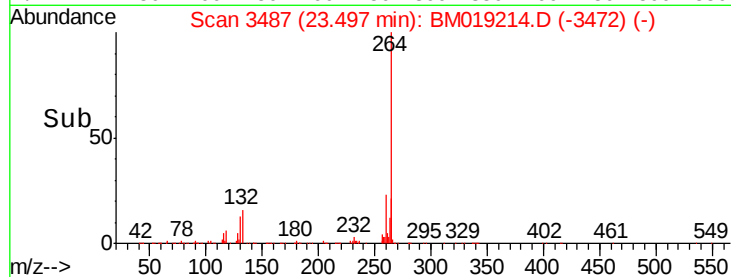
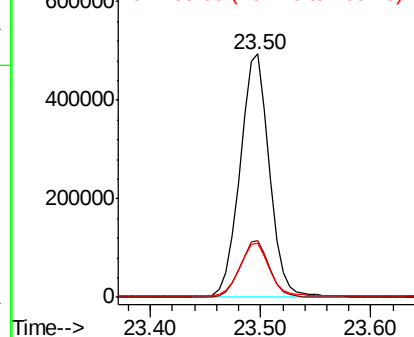
264 100

260 23.4 18.6 28.0

265 22.0 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: 55.107 ng

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

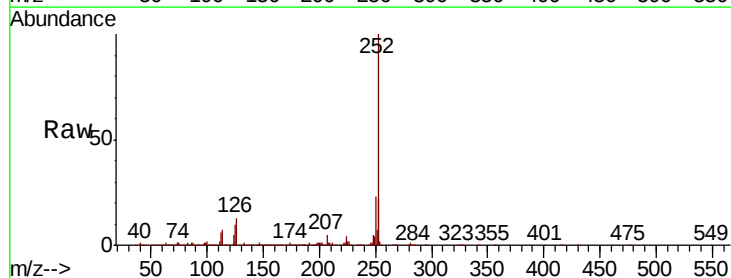
Tgt Ion:252 Resp: 3303877

Ion Ratio Lower Upper

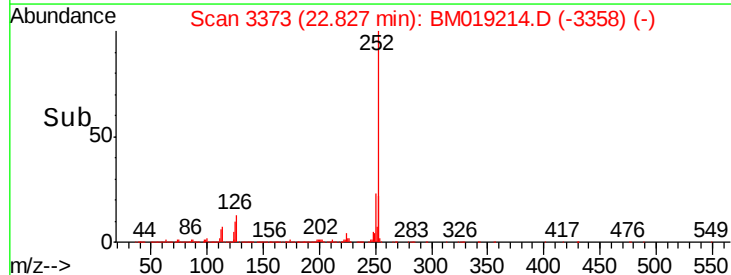
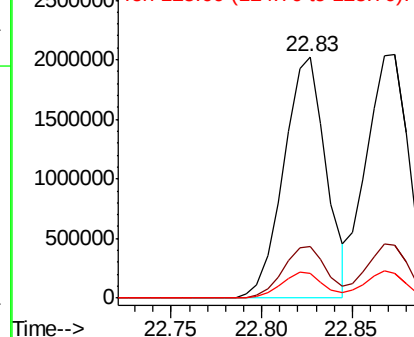
252 100

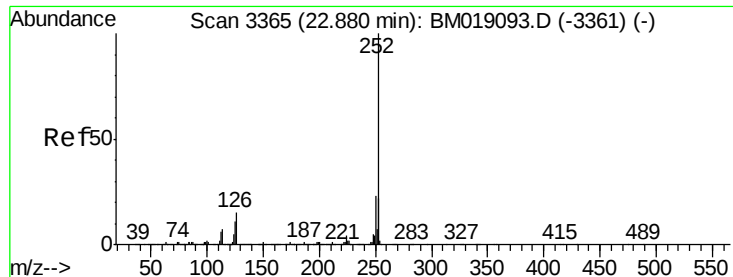
253 21.6 17.6 26.4

125 10.2 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: 60.731 ng

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

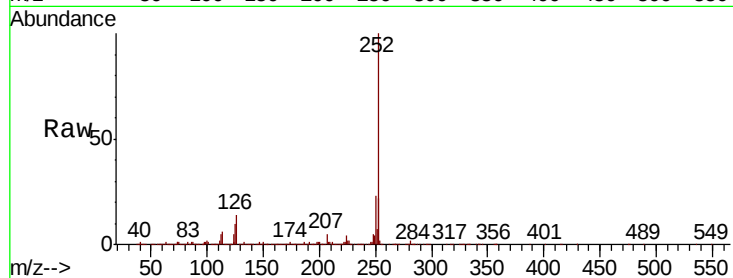
Tgt Ion:252 Resp: 3348955

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

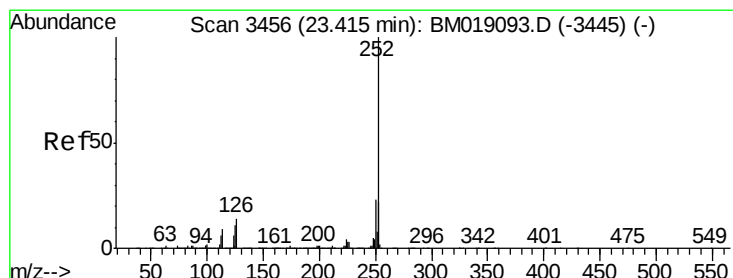
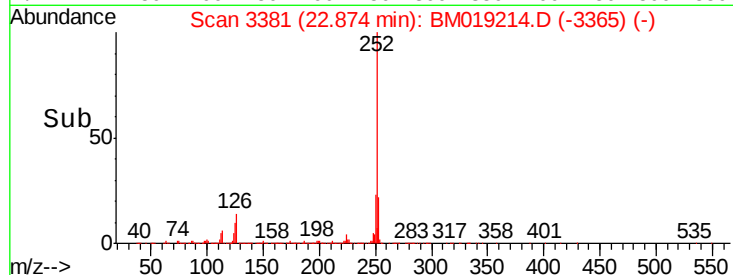
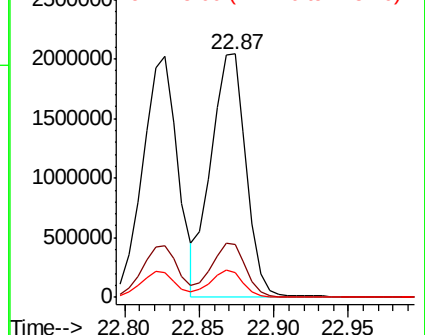
125 10.3 8.8 13.2



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: 59.850 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

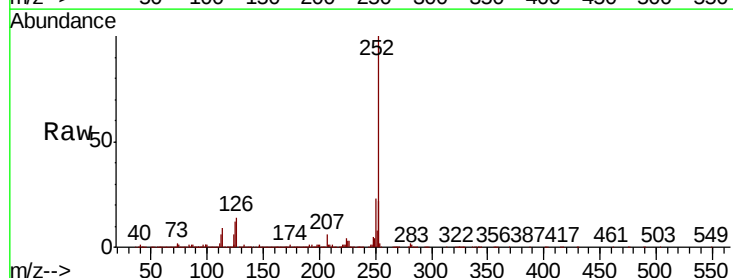
Tgt Ion:252 Resp: 3224612

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

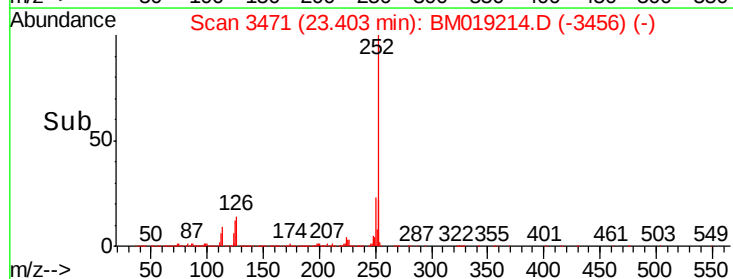
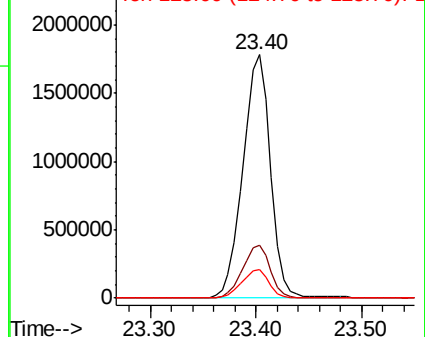
125 11.6 9.2 13.8

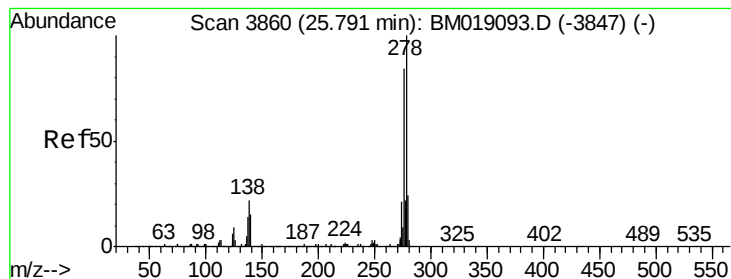


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 67.479 ng

RT: 25.77 min Scan# 3874

Delta R.T. -0.02 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

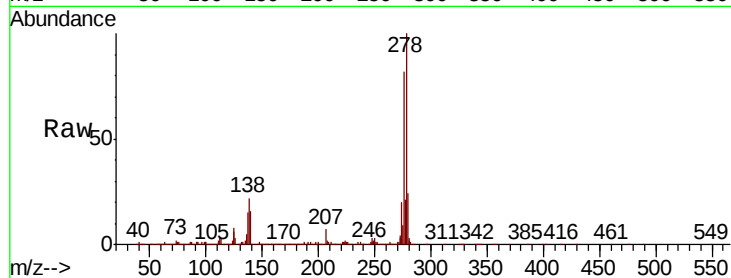
Tgt Ion:278 Resp: 3477874

Ion Ratio Lower Upper

278 100

139 15.8 12.3 18.5

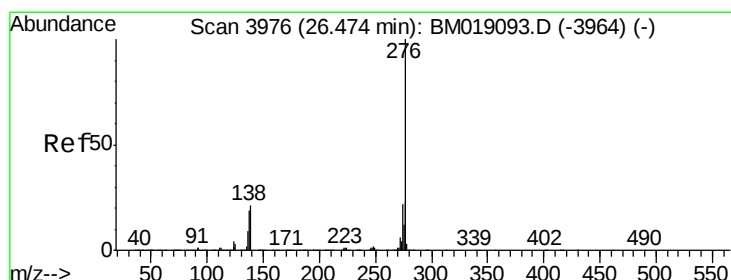
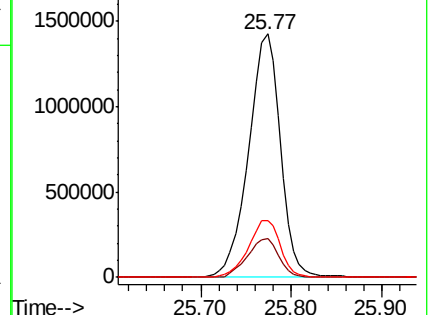
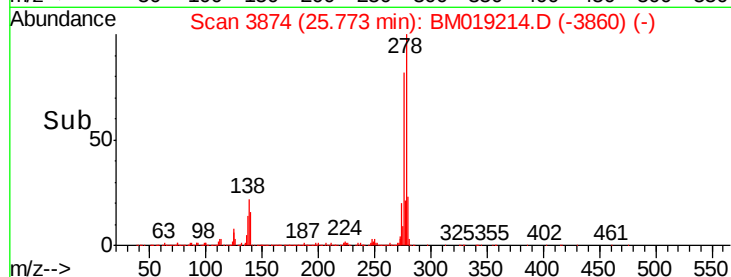
279 23.5 18.9 28.3



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: 69.684 ng

RT: 26.46 min Scan# 3990

Delta R.T. -0.02 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

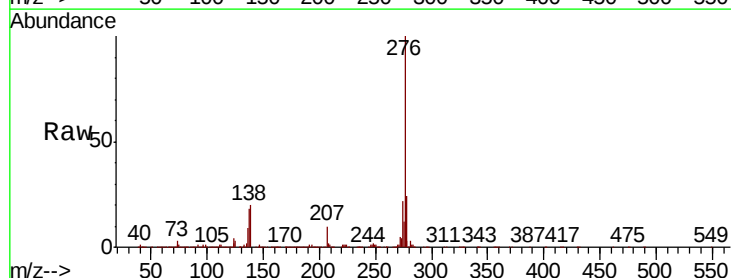
Tgt Ion:276 Resp: 3297374

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 20.4 17.0 25.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

