

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019160.D
 Acq On : 13 Mar 2019 23:46
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 14 06:58:20 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	7.66	152	206511	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1031456	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	634334	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1446630	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1565362	20.00	ng	0.00
87) Perylene-d12	23.50	264	1416570	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1037079	81.33	ng	0.00
7) Phenol-d6	6.84	99	1610128	86.32	ng	0.00
23) Nitrobenzene-d5	8.83	82	1751240	80.26	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	797562	85.16	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3825937	78.45	ng	0.00
79) Terphenyl-d14	19.70	244	6348510	80.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	205107	36.157	ng	98
3) Pyridine	3.62	79	675870	43.794	ng	99
4) n-Nitrosodimethylamine	3.54	42	178397	37.182	ng	88
6) Aniline	7.00	93	1008121	41.863	ng	100
8) 2-Chlorophenol	7.23	128	633156	41.319	ng	99
9) Benzaldehyde	6.82	77	493843	42.093	ng	99
10) Phenol	6.87	94	876009	43.579	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	629952	41.069	ng	99
12) 1,3-Dichlorobenzene	7.55	146	641206	39.540	ng	99
13) 1,4-Dichlorobenzene	7.69	146	656229	39.692	ng	98
14) 1,2-Dichlorobenzene	8.00	146	644905	40.093	ng	100
15) Benzyl Alcohol	7.91	79	672498	43.564	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	640849	40.917	ng	99
17) 2-Methylphenol	8.10	107	570260	43.534	ng	99
18) Hexachloroethane	8.72	117	246462	40.118	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	664308	43.413	ng	99
20) 3+4-Methylphenols	8.43	107	796885	44.818	ng	98
22) Acetophenone	8.49	105	1121722	39.352	ng	100
24) Nitrobenzene	8.87	77	911059	40.146	ng	99
25) Isophorone	9.39	82	1698038	40.782	ng	99
26) 2-Nitrophenol	9.57	139	392168	41.690	ng	99
27) 2,4-Dimethylphenol	9.63	122	574273	41.065	ng	98
28) bis(2-Chloroethoxy)methane	9.87	93	990779	40.187	ng	100
29) 2,4-Dichlorophenol	10.10	162	657945	42.481	ng	100
30) 1,2,4-Trichlorobenzene	10.30	180	677074	38.769	ng	98
31) Naphthalene	10.49	128	2127238	39.129	ng	99
32) Benzoic acid	9.82	122	437743	36.960	ng	99
33) 4-Chloroaniline	10.62	127	930900	41.771	ng	99
34) Hexachlorobutadiene	10.76	225	382646	38.180	ng	99
35) Caprolactam	11.45	113	231961	42.043	ng	99
36) 4-Chloro-3-methylphenol	11.75	107	827353	43.293	ng	99
37) 2-Methylnaphthalene	12.11	142	1588854	40.218	ng	98
38) 1-Methylnaphthalene	12.33	142	1561513	40.101	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	785811	39.162	ng	100

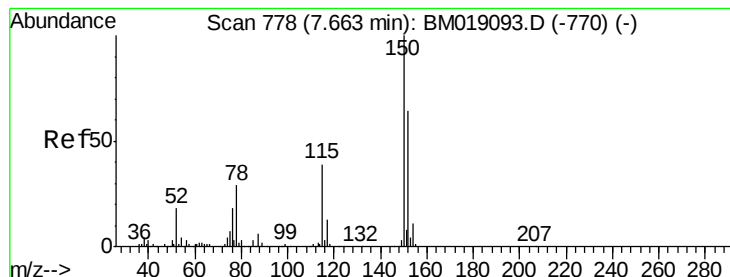
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019160.D
 Acq On : 13 Mar 2019 23:46
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 Sample : SSTDC0040
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	333838	36.730	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	540369	41.672	ng	98
44) 2,4,5-Trichlorophenol	12.81	196	584854	42.178	ng	99
46) 1,1'-Biphenyl	13.14	154	2178360	39.323	ng	99
47) 2-Chloronaphthalene	13.18	162	1644857	39.779	ng	99
48) 2-Nitroaniline	13.41	65	597132	43.059	ng	99
49) Acenaphthylene	14.03	152	2806490	40.140	ng	99
50) Dimethylphthalate	13.79	163	2160651	39.817	ng	99
51) 2,6-Dinitrotoluene	13.92	165	483567	41.223	ng	97
52) Acenaphthene	14.38	154	1586214	39.483	ng	99
53) 3-Nitroaniline	14.25	138	503732	40.545	ng	97
54) 2,4-Dinitrophenol	14.46	184	254815	37.405	ng	97
55) Dibenzofuran	14.72	168	2594472	40.044	ng	100
56) 4-Nitrophenol	14.56	139	405573	39.983	ng	99
57) 2,4-Dinitrotoluene	14.70	165	690974	40.579	ng	97
58) Fluorene	15.37	166	2157788	40.404	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	530957	41.131	ng	99
60) Diethylphthalate	15.15	149	2209861	40.210	ng	98
61) 4-Chlorophenyl-phenylether	15.36	204	1047796	40.396	ng	99
62) 4-Nitroaniline	15.42	138	520136	41.543	ng	99
63) Azobenzene	15.66	77	2416392	41.783	ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	341530	36.027	ng	98
66) n-Nitrosodiphenylamine	15.59	169	1827670	39.684	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	636538	39.902	ng	96
68) Hexachlorobenzene	16.36	284	753357	39.721	ng	98
69) Atrazine	16.54	200	626229	40.393	ng	99
70) Pentachlorophenol	16.72	266	453341	39.674	ng	99
71) Phenanthrene	17.11	178	3334699	39.328	ng	100
72) Anthracene	17.20	178	3313473	39.917	ng	100
73) Carbazole	17.49	167	3157695	40.305	ng	100
74) Di-n-butylphthalate	18.03	149	3882821	40.984	ng	100
75) Fluoranthene	19.13	202	3844763	39.516	ng	99
77) Benzidine	19.34	184	2327088	52.418	ng	100
78) Pyrene	19.50	202	3955920	39.942	ng	100
80) Butylbenzylphthalate	20.40	149	1823358	42.268	ng	99
81) Benzo(a)anthracene	21.25	228	3862683	39.333	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	1506700	39.826	ng	99
83) Chrysene	21.30	228	3690851	38.848	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2703103	43.071	ng	99
85) Di-n-octyl phthalate	22.05	149	4621864	43.735	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3639365	35.585	ng	100
88) Benzo(b)fluoranthene	22.83	252	3672272	40.007	ng	99
89) Benzo(k)fluoranthene	22.87	252	3513479	41.616	ng	100
90) Benzo(a)pyrene	23.41	252	3282276	39.791	ng	100
91) Dibenzo(a,h)anthracene	25.78	278	3061592	38.799	ng	99
92) Benzo(g,h,i)perylene	26.46	276	2794777	38.578	ng	100

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

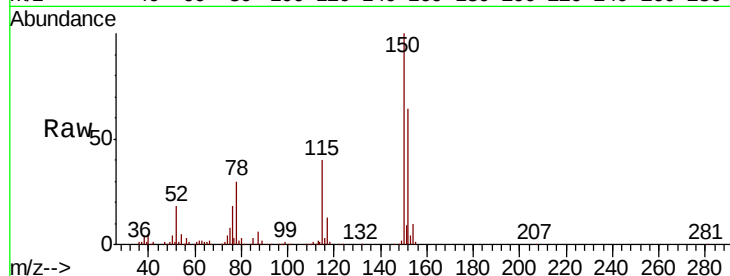


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampled :

Tot Ion	152	Resp	206511
Ion Ratio	Lower	Upper	
152	100		
150	157.3	125.3	187.9
115	63.4	49.4	74.0

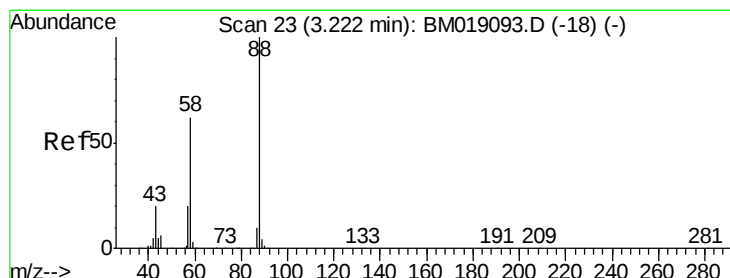
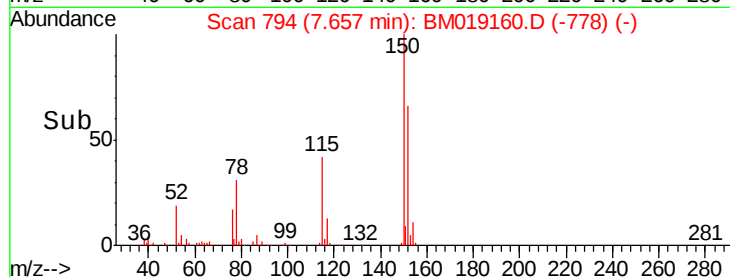
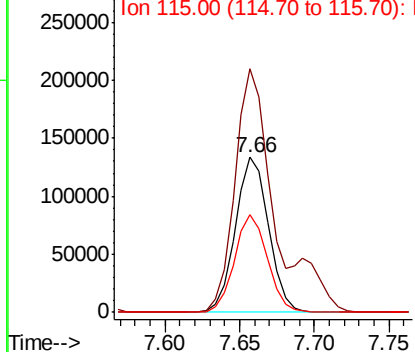


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

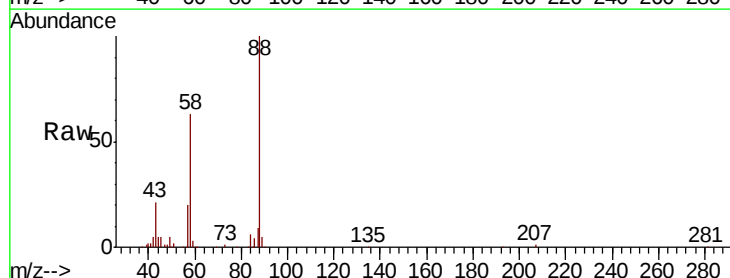
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.157 ng
RT: 3.22 min Scan# 40
Delta R.T. -0.00 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	88	Resp	205107
Ion Ratio	Lower	Upper	
88	100		
58	63.5	50.0	75.0
43	22.5	17.0	25.4

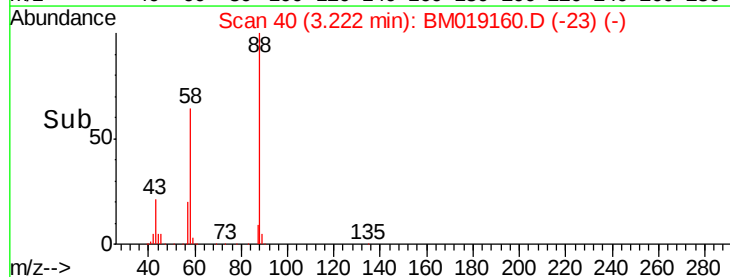
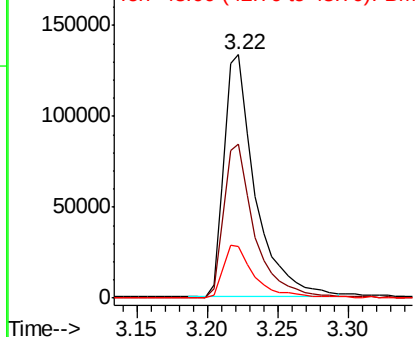


Abundance

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

Pvridine

Concen: 43.794 ng

RT: 3.62 min Scan# 108

Delta R.T. -0.00 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

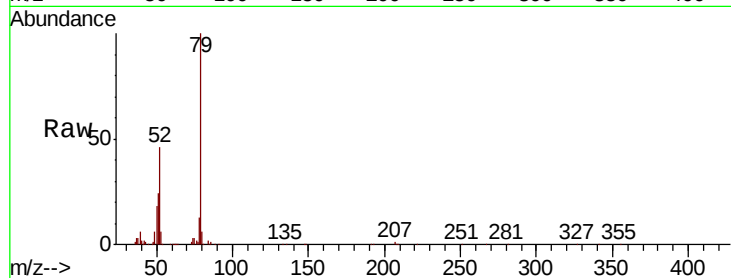
Tot Ion: 79 Resp: 675870

Ion Ratio Lower Upper

79 100

52 45.7 37.5 56.3

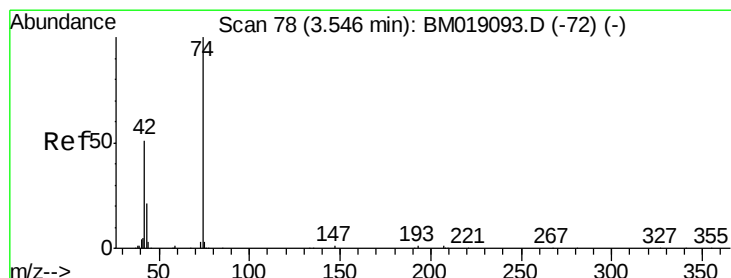
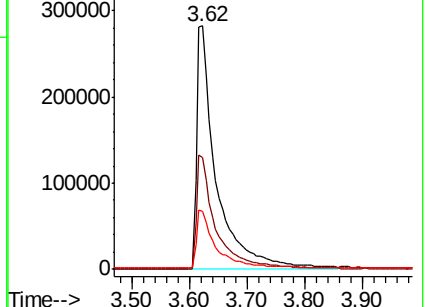
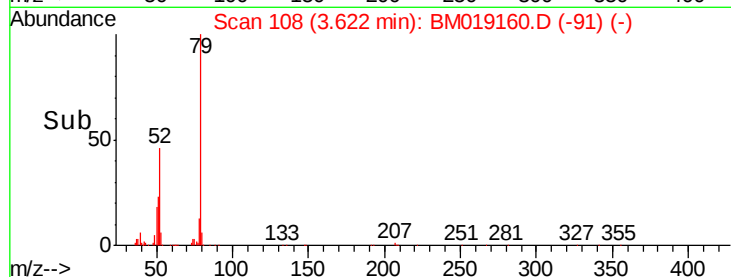
51 23.9 19.2 28.8



Abundance Ion 79.00 (78.70 to 79.70): BM019160.D (-91) (-)

Ion 52.00 (51.70 to 52.70): BM019160.D (-91) (-)

Ion 51.00 (50.70 to 51.70): BM019160.D (-91) (-)



#4

n-Nitrosodimethylamine

Concen: 37.182 ng

RT: 3.54 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

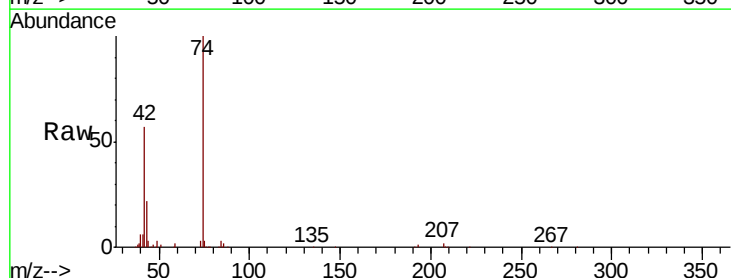
Tgt Ion: 42 Resp: 178397

Ion Ratio Lower Upper

42 100

74 176.5 156.3 234.5

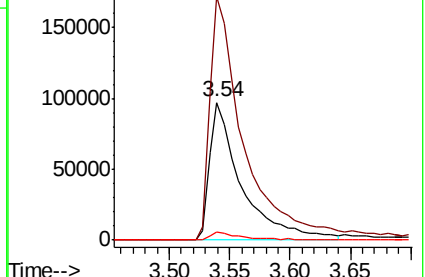
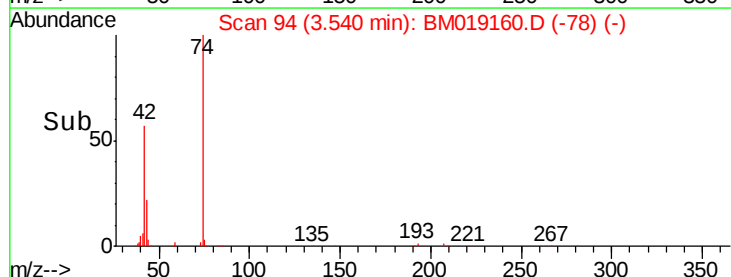
44 6.0 4.6 7.0

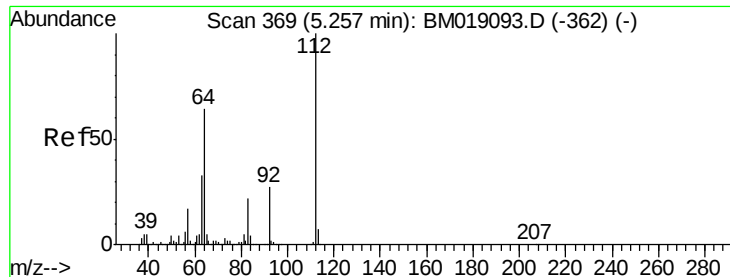


Abundance Ion 42.00 (41.70 to 42.70): BM019160.D (-78) (-)

Ion 74.00 (73.70 to 74.70): BM019160.D (-78) (-)

Ion 44.00 (43.70 to 44.70): BM019160.D (-78) (-)





#5

2-Fluorophenol

Concen: 81.329 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.00 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

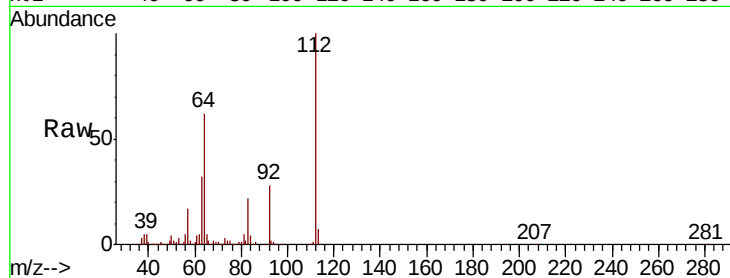
Tot Ion:112 Resp: 1037079

Ion Ratio Lower Upper

112 100

64 61.7 51.4 77.0

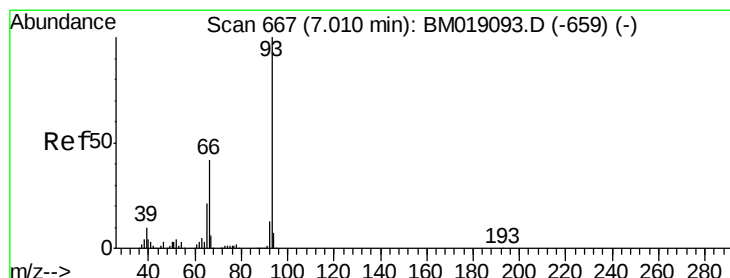
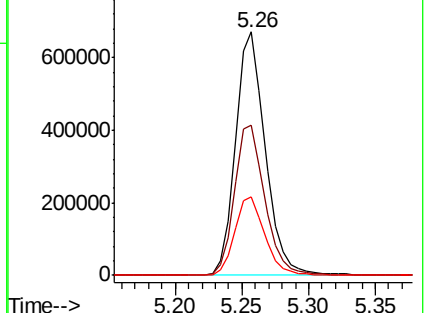
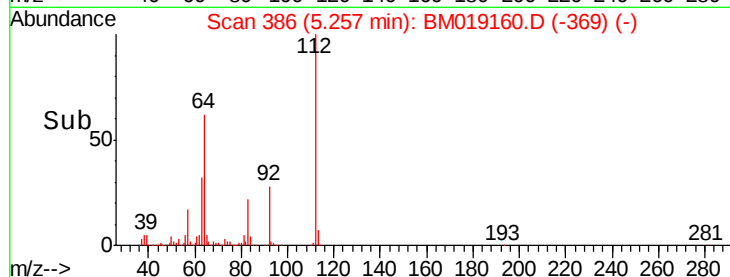
63 32.2 26.6 40.0



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: 41.863 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

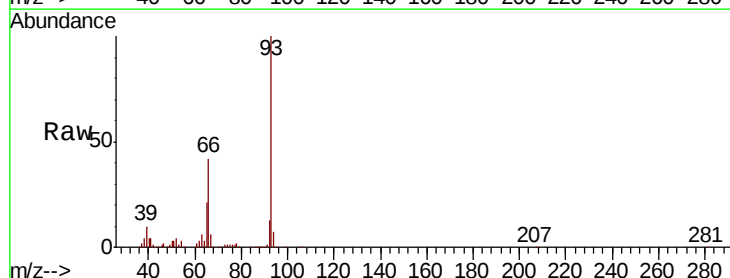
Tgt Ion: 93 Resp: 1008121

Ion Ratio Lower Upper

93 100

66 41.9 33.4 50.2

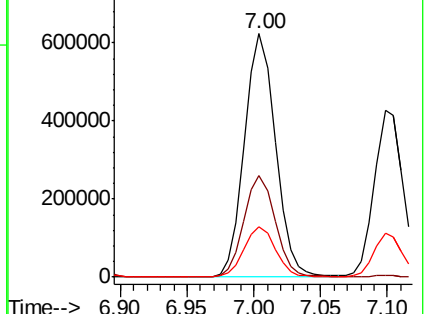
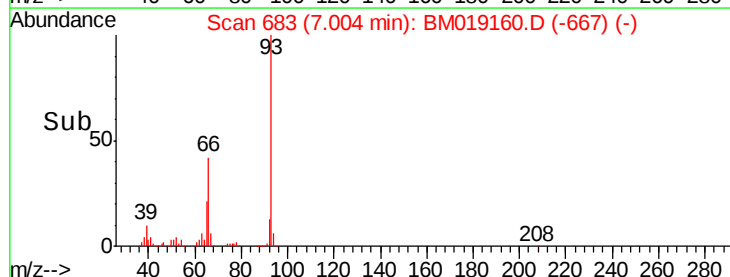
65 20.7 16.8 25.2

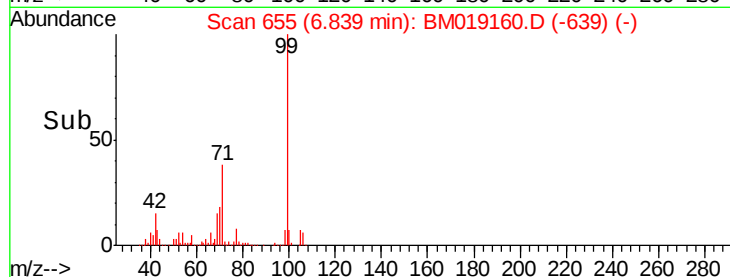
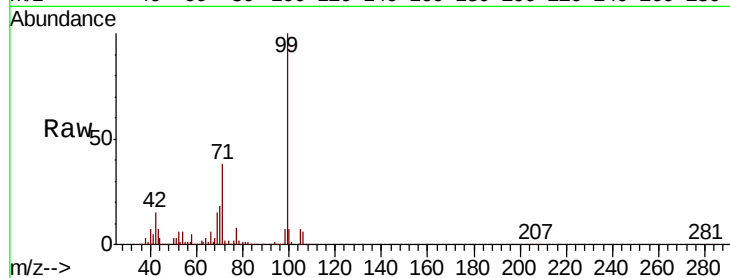
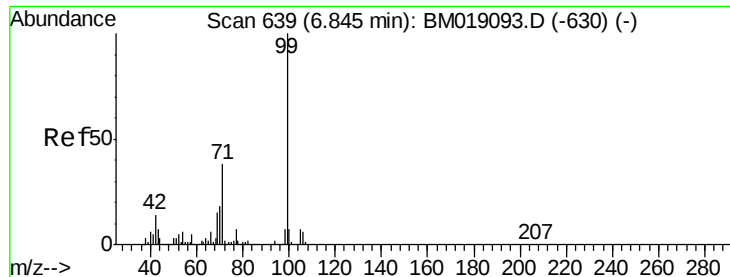


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 86.325 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

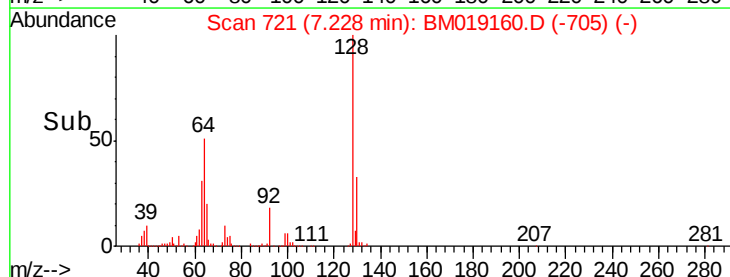
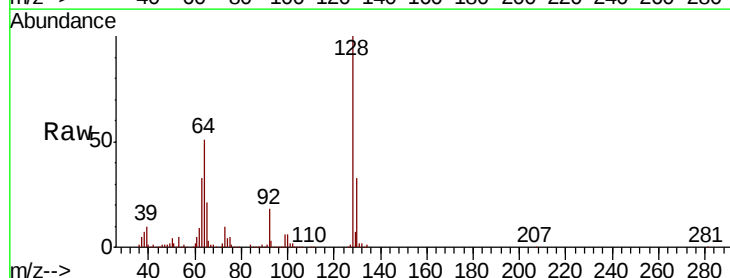
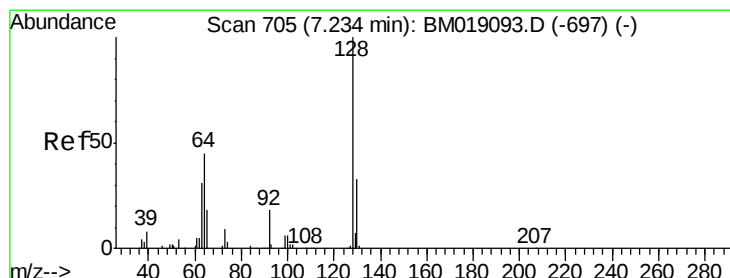
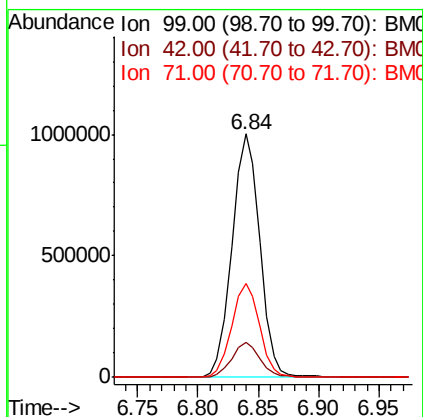
Tot Ion: 99 Resp: 1610128

Ion Ratio Lower Upper

99 100

42 14.6 10.9 16.3

71 38.4 30.3 45.5



#8

2-Chlorophenol

Concen: 41.319 ng

RT: 7.23 min Scan# 721

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

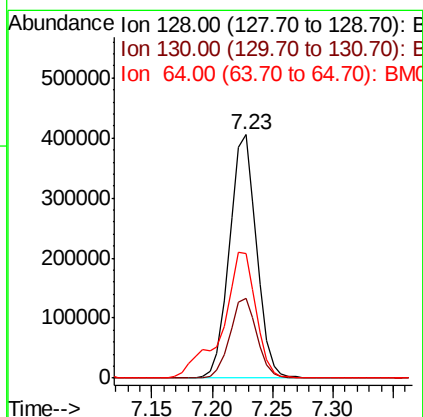
Tgt Ion: 128 Resp: 633156

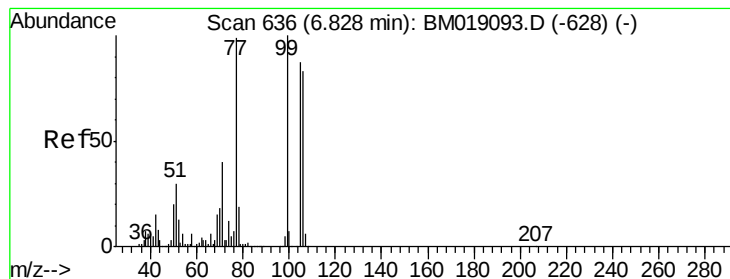
Ion Ratio Lower Upper

128 100

130 32.5 12.8 52.8

64 51.2 30.8 70.8





#9

Benzaldehyde

Concen: 42.093 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

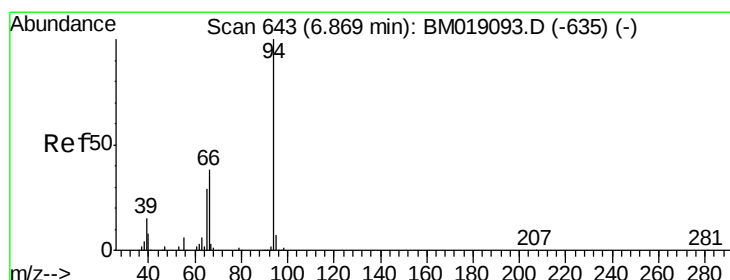
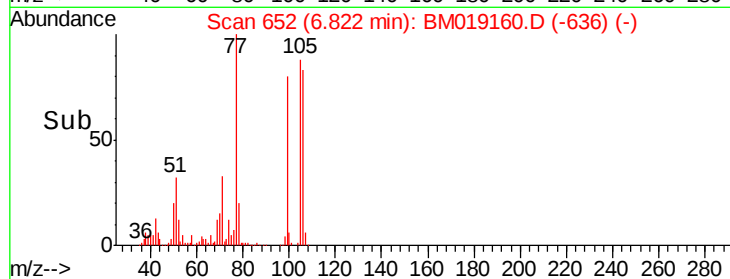
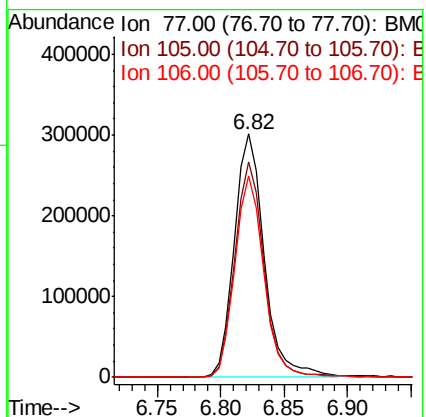
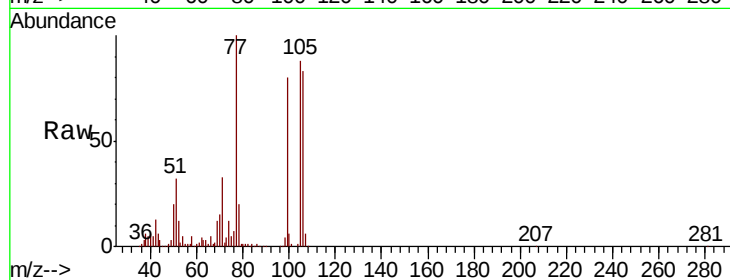
Tot Ion: 77 Resp: 493843

Ion Ratio Lower Upper

77 100

105 88.4 67.7 107.7

106 82.6 64.1 104.1



#10

Phenol

Concen: 43.579 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.00 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

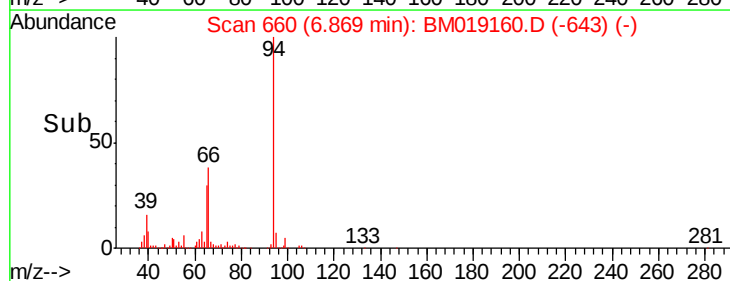
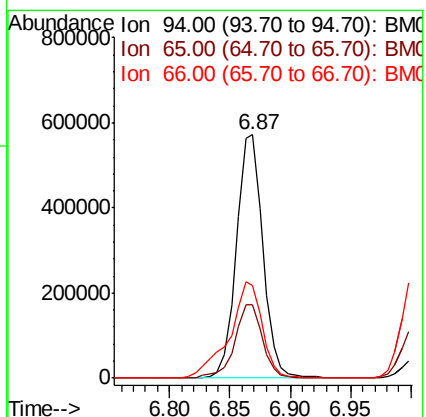
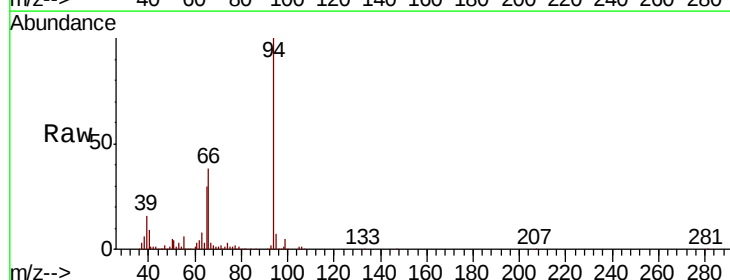
Tgt Ion: 94 Resp: 876009

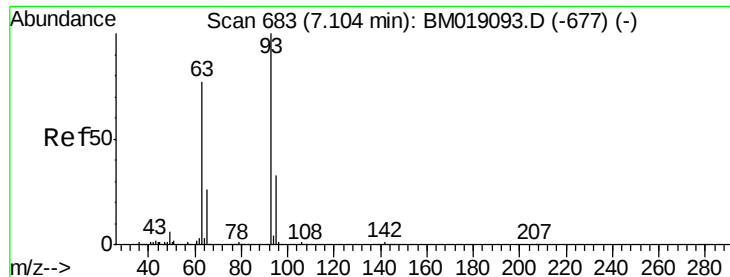
Ion Ratio Lower Upper

94 100

65 30.2 9.7 49.7

66 38.3 19.2 59.2

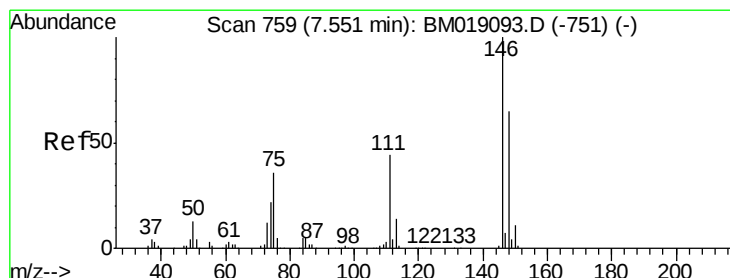
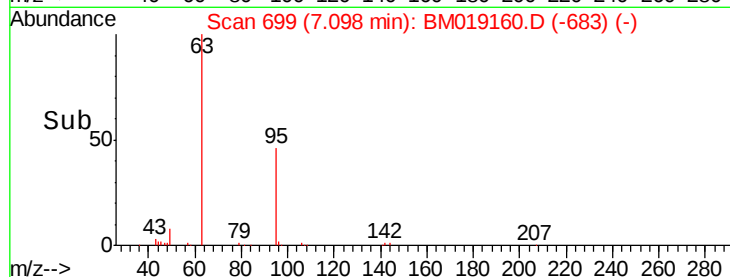
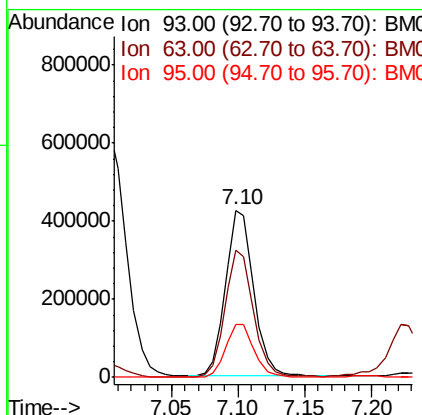
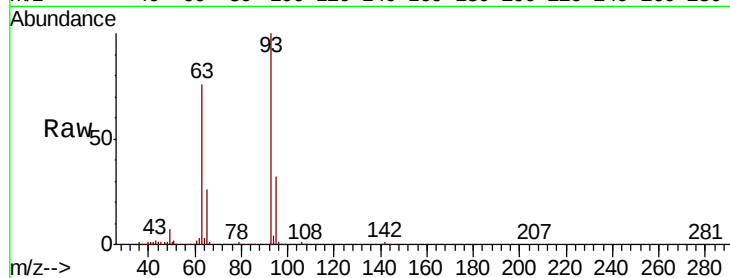




#11
bis(2-Chloroethyl)ether
Concen: 41.069 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

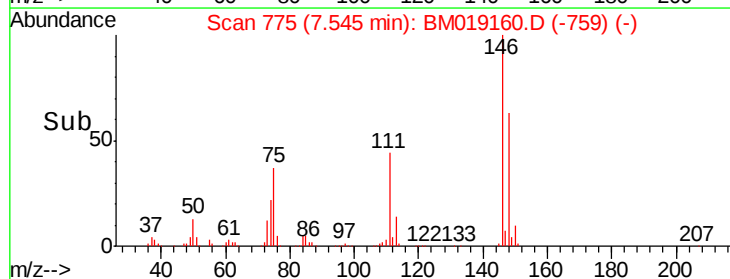
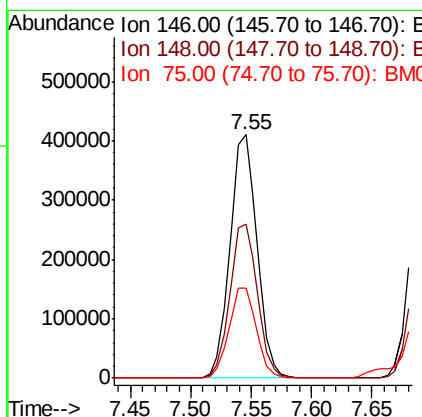
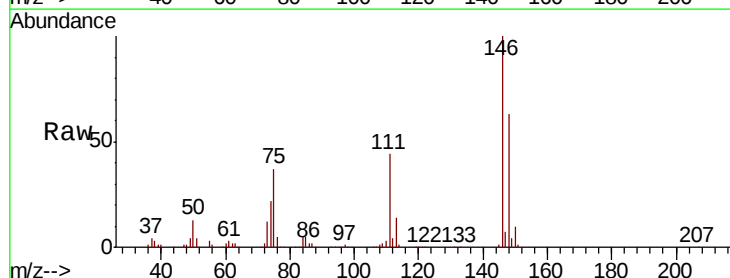
Instrument :
BNA_M
ClientSampleId :

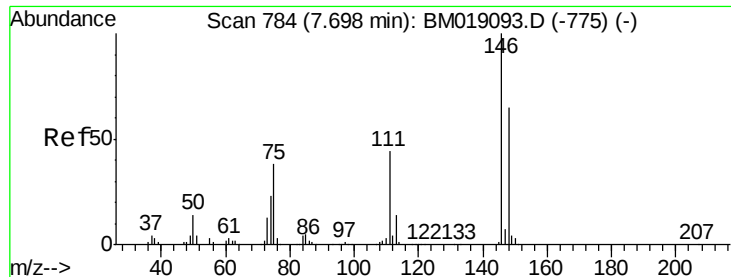
Tot Ion: 93 Resp: 629952
Ion Ratio Lower Upper
93 100
63 76.2 56.6 96.6
95 31.8 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 39.540 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion: 146 Resp: 641206
Ion Ratio Lower Upper
146 100
148 63.5 51.7 77.5
75 36.9 29.1 43.7





#13

1,4-Dichlorobenzene

Concen: 39.692 ng

RT: 7.69 min Scan# 800

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampled :

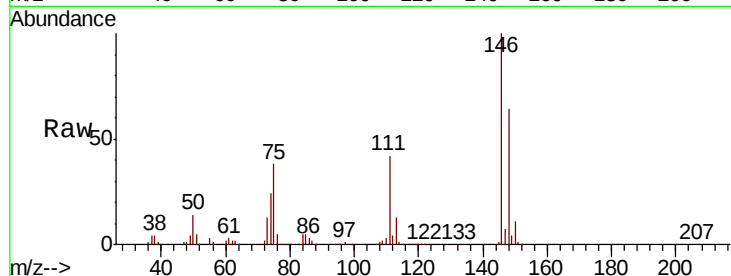
Tot Ion:146 Resp: 656229

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

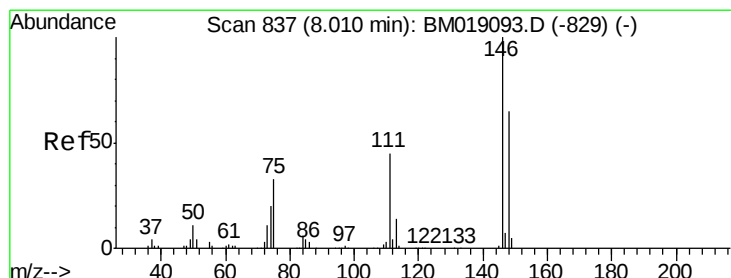
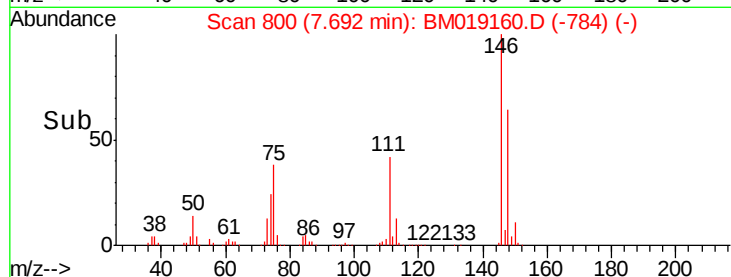
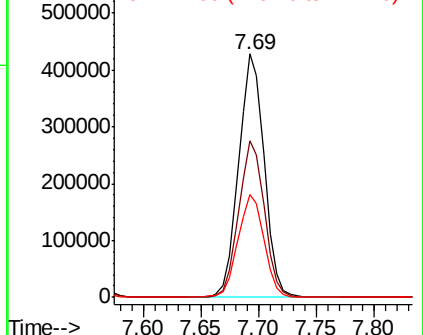
111 42.3 35.4 53.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.093 ng

RT: 8.00 min Scan# 853

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

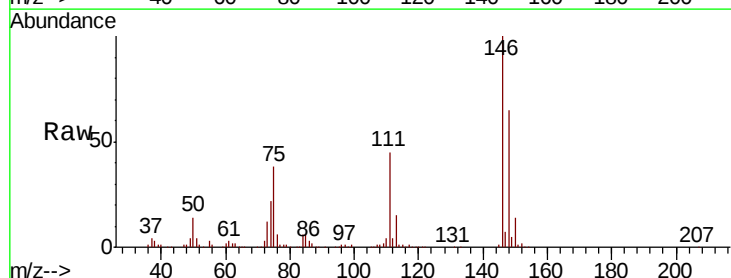
Tgt Ion:146 Resp: 644905

Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.6

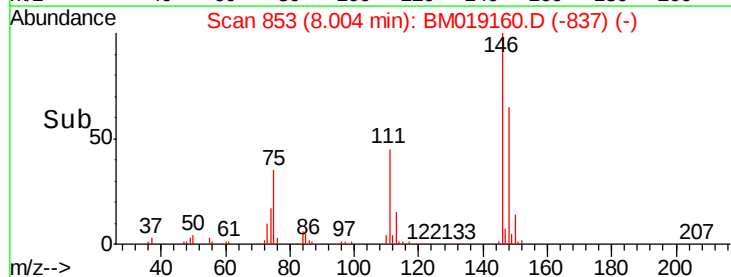
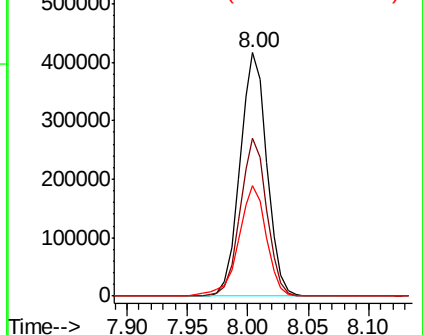
111 45.5 36.2 54.4

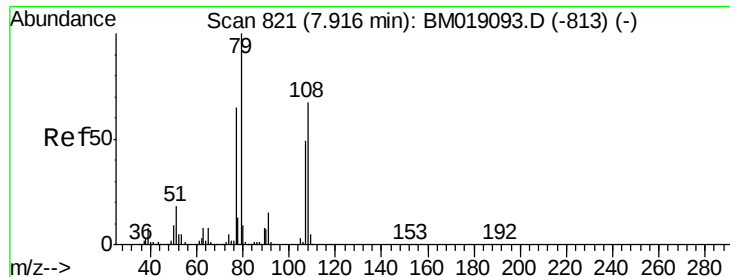


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.564 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

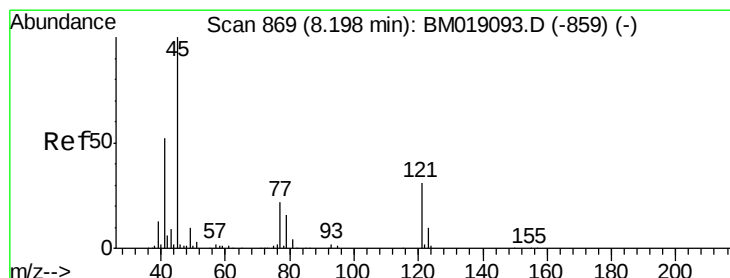
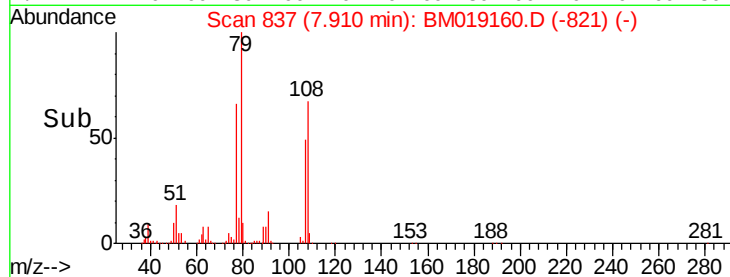
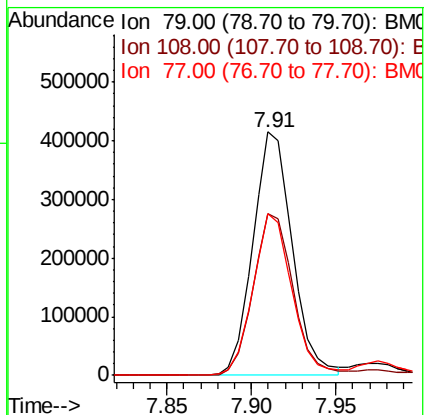
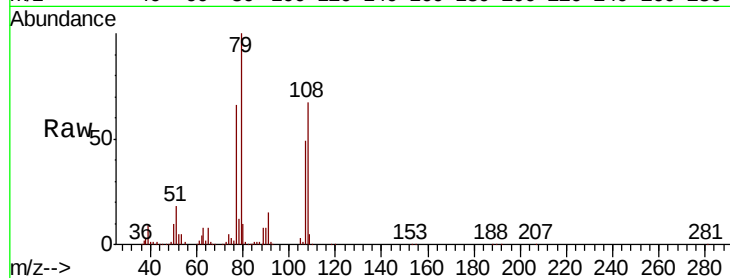
Tot Ion: 79 Resp: 672498

Ion Ratio Lower Upper

79 100

108 66.6 53.7 80.5

77 66.5 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.917 ng

RT: 8.19 min Scan# 885

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

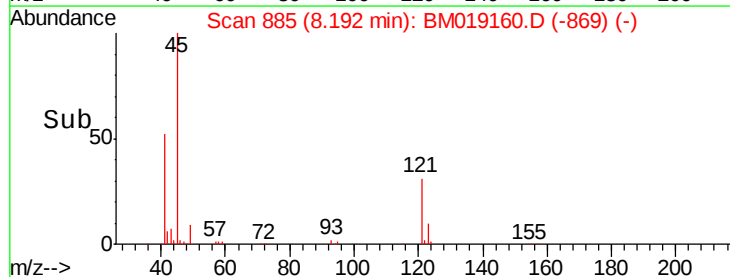
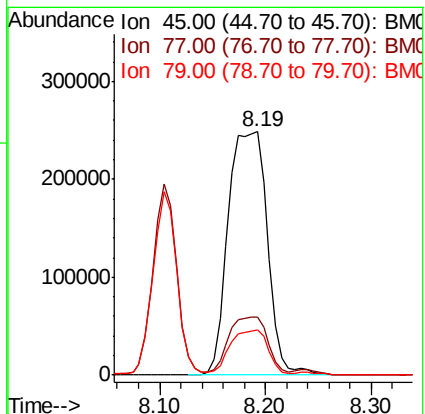
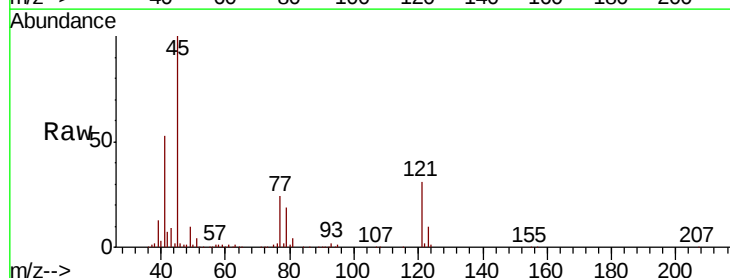
Tgt Ion: 45 Resp: 640849

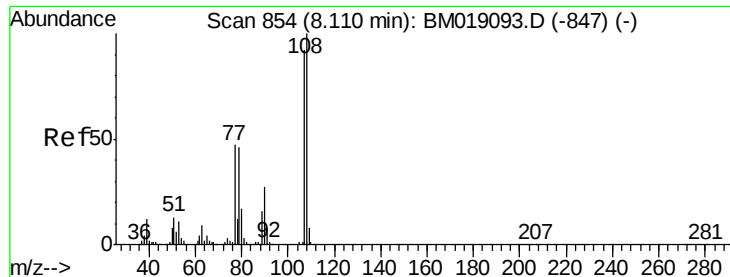
Ion Ratio Lower Upper

45 100

77 24.0 4.1 44.1

79 18.6 0.0 38.1

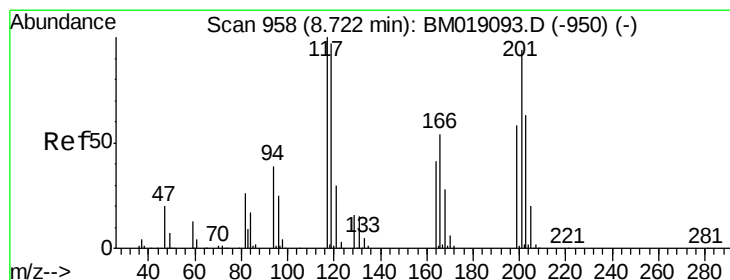
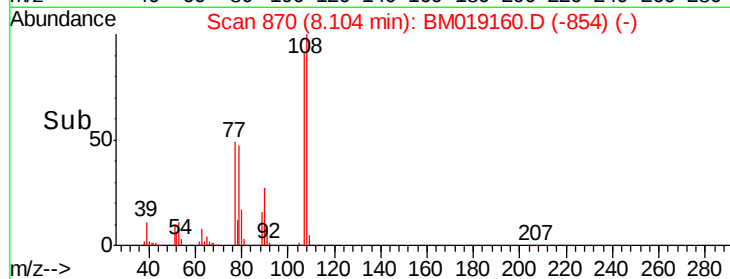
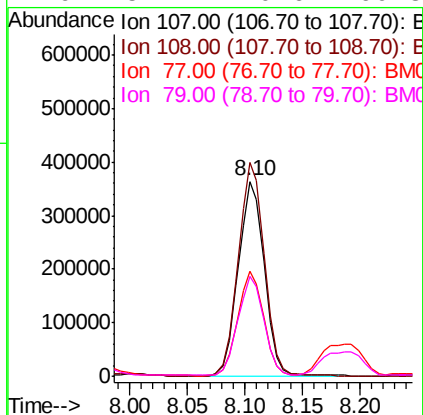
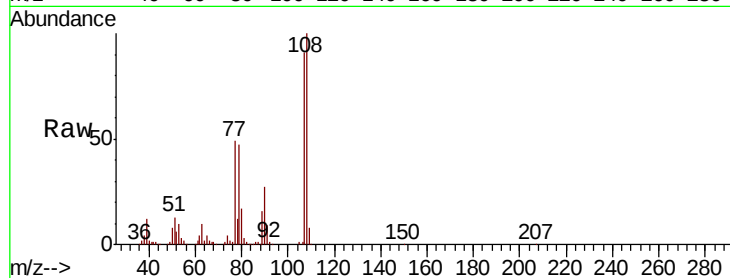




#17
2-Methylphenol
Concen: 43.534 ng
RT: 8.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

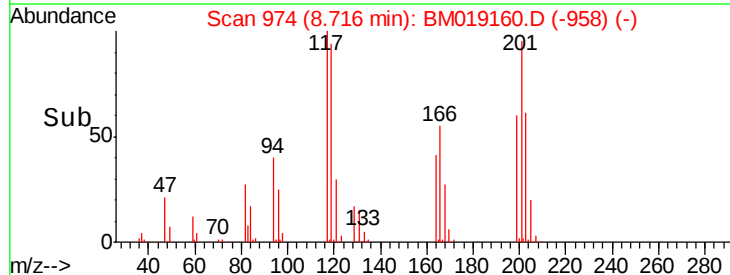
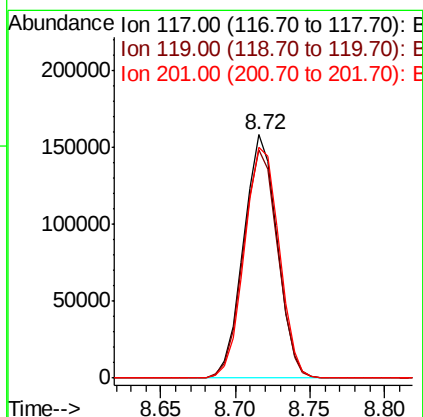
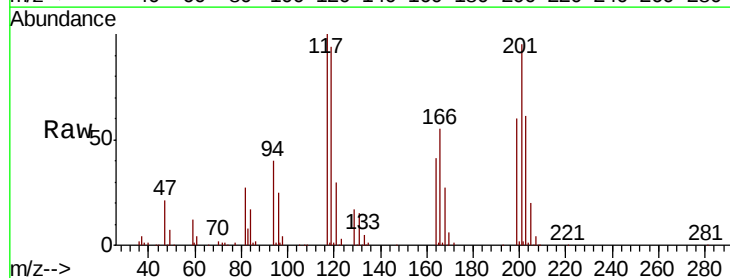
Instrument :
BNA_M
ClientSampleId :

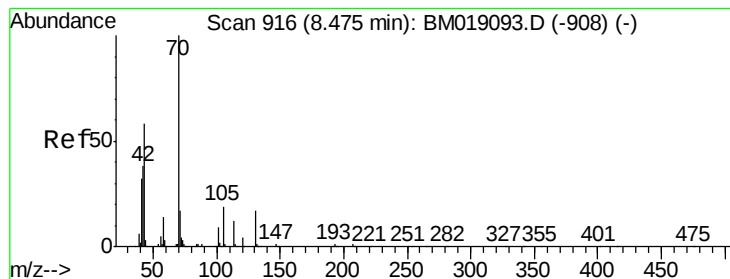
Tot Ion:	107	Resp:	570260
Ion	Ratio	Lower	Upper
107	100		
108	109.5	87.4	131.2
77	53.6	41.6	62.4
79	51.4	40.6	60.8



#18
Hexachloroethane
Concen: 40.118 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion:	117	Resp:	246462
Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.4	116.2
201	94.7	75.2	112.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.413 ng

RT: 8.47 min Scan# 932

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 664308

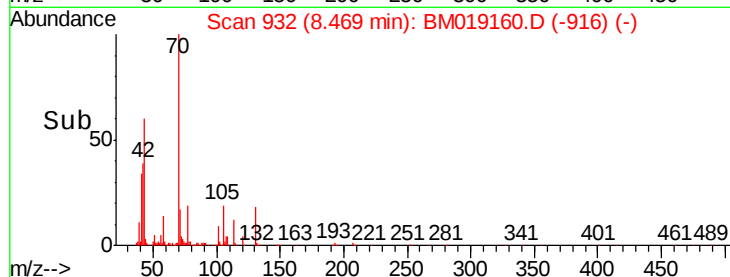
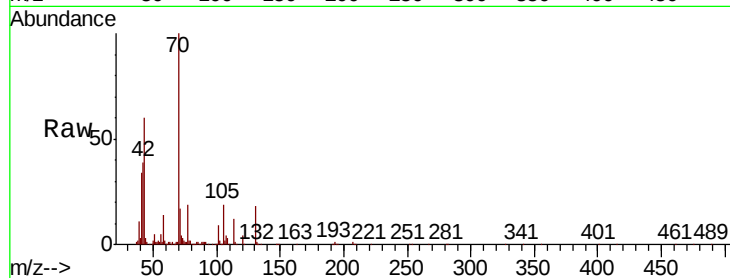
Ion Ratio Lower Upper

70 100

42 39.0 30.6 45.8

101 8.5 6.8 10.2

130 17.5 13.9 20.9



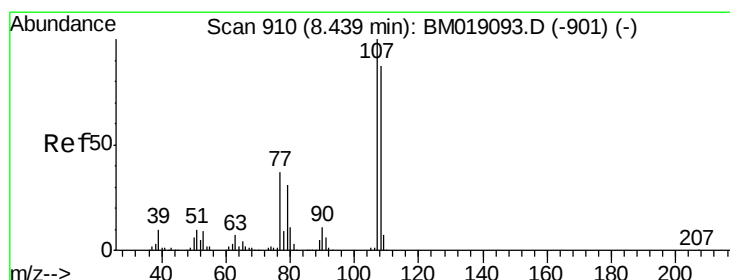
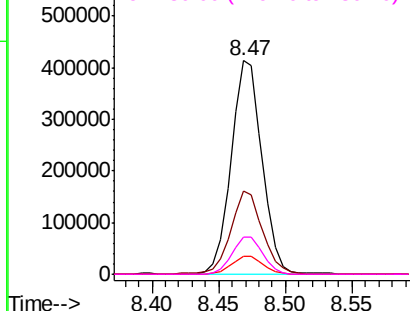
Abundance

Ion 70.00 (69.70 to 70.70): BM019160.D (-916) (-)

Ion 42.00 (41.70 to 42.70): BM019160.D (-916) (-)

Ion 101.00 (100.70 to 101.70): BM019160.D (-916) (-)

Ion 130.00 (129.70 to 130.70): BM019160.D (-916) (-)



#20

3+4-Methylphenols

Concen: 44.818 ng

RT: 8.43 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Tgt Ion:107 Resp: 796885

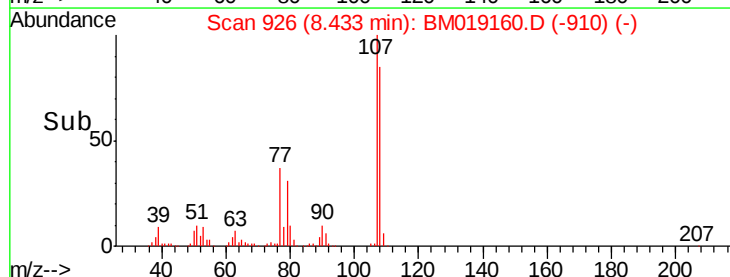
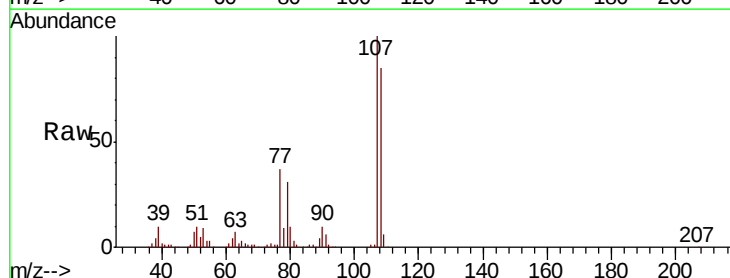
Ion Ratio Lower Upper

107 100

108 85.2 67.0 107.0

77 36.8 17.3 57.3

79 30.7 11.6 51.6



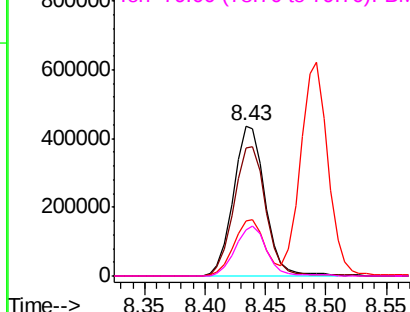
Abundance

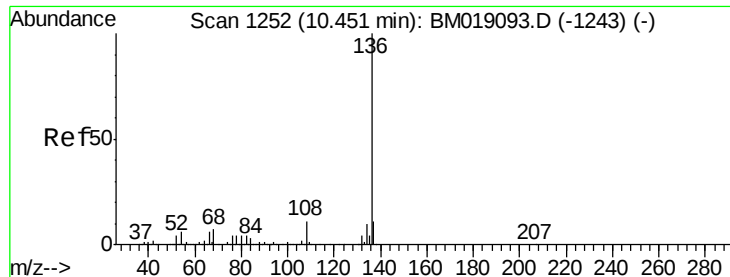
Ion 107.00 (106.70 to 107.70): BM019160.D (-910) (-)

Ion 108.00 (107.70 to 108.70): BM019160.D (-910) (-)

Ion 77.00 (76.70 to 77.70): BM019160.D (-910) (-)

Ion 79.00 (78.70 to 79.70): BM019160.D (-910) (-)

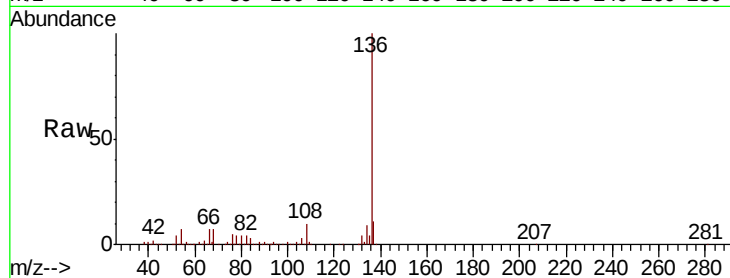




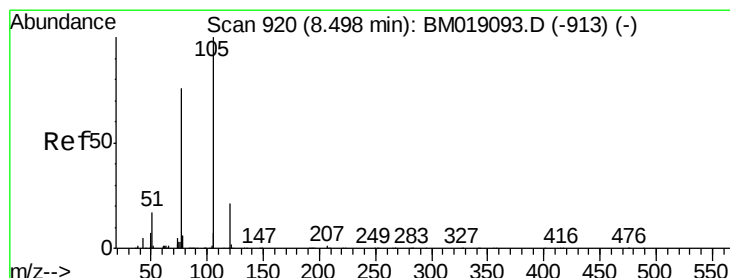
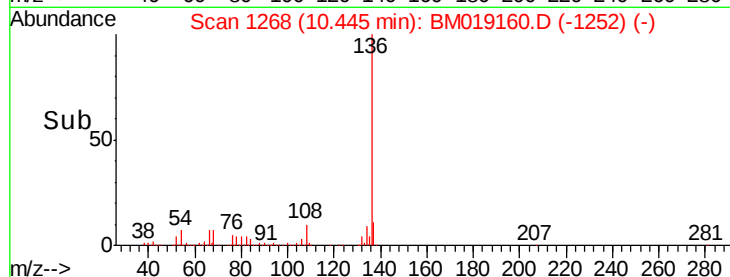
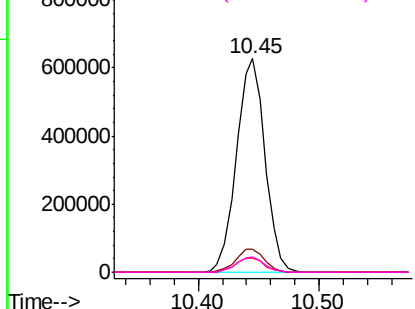
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampled :

Tot Ion:136	Resp: 1031456
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 6.9	5.2 7.8
68 7.1	5.8 8.8

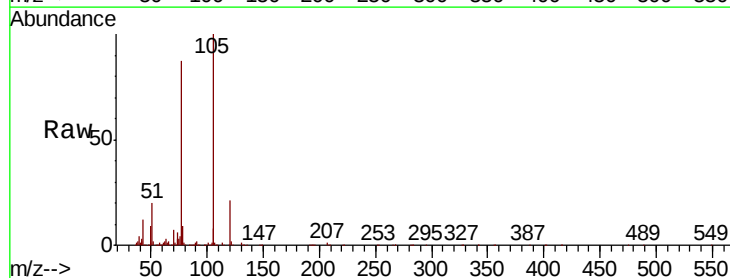


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

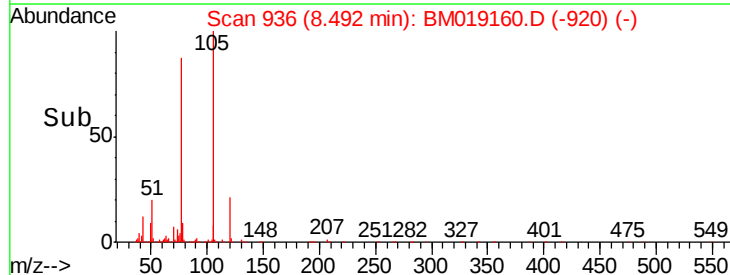
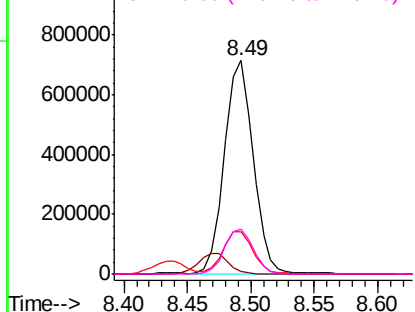


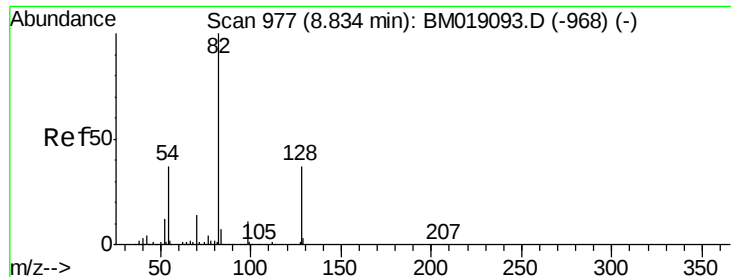
#22
Acetophenone
Concen: 39.352 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt	Ion:105	Resp:	1121722
Ion	Ratio	Lower	Upper
105	100		
71	1.1	0.8	1.2
51	20.0	15.8	23.6
120	21.1	17.0	25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

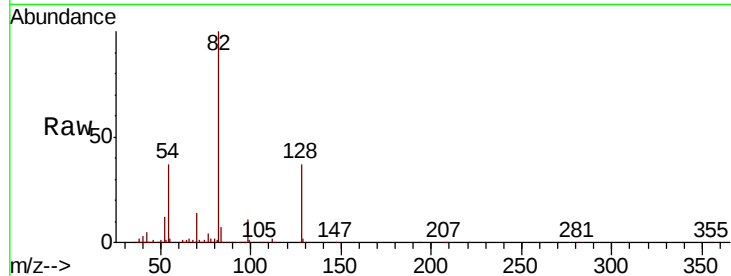




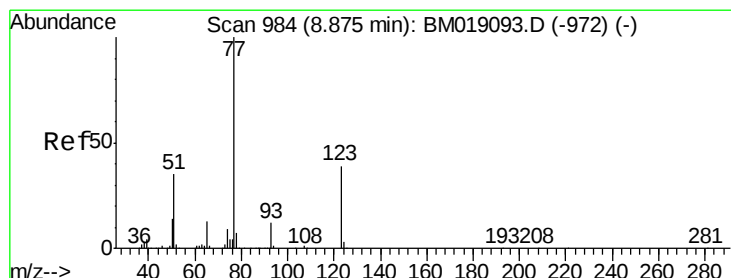
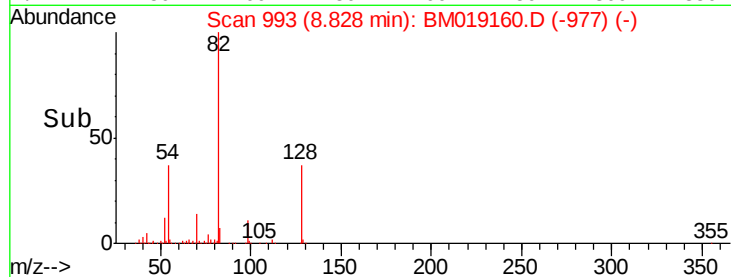
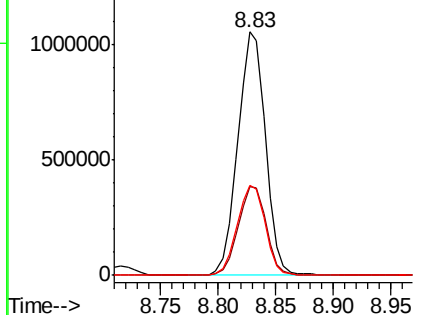
#23
 Nitrobenzene-d5
 Concen: 80.257 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1751240
 Ion Ratio Lower Upper
 82 100
 128 36.7 29.4 44.2
 54 37.1 29.9 44.9

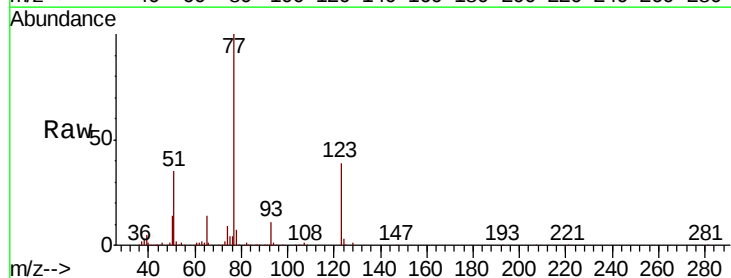


Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)
 Ion 128.00 (127.70 to 128.70): BM019093.D (-968) (-)
 Ion 54.00 (53.70 to 54.70): BM019093.D (-968) (-)

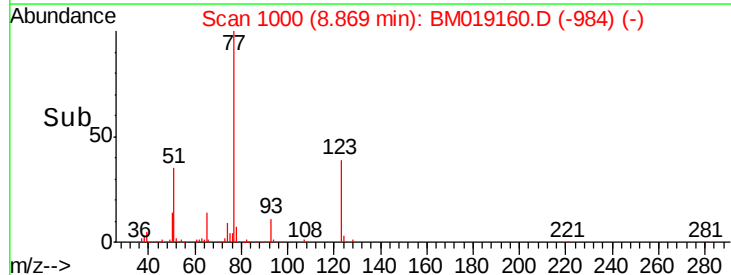
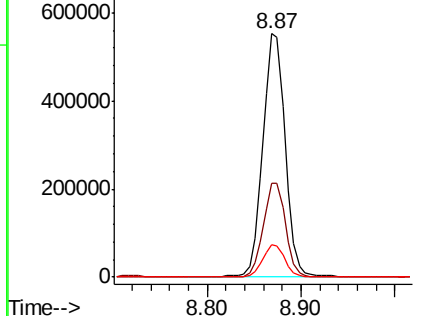


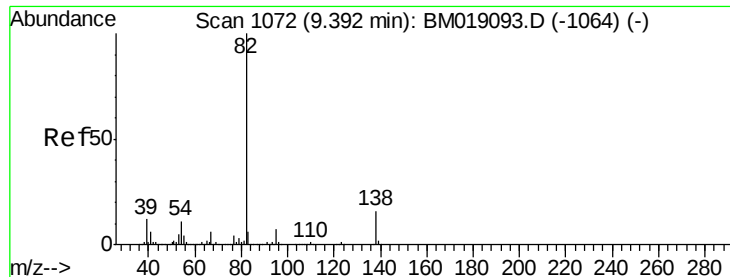
#24
 Nitrobenzene
 Concen: 40.146 ng
 RT: 8.87 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

Tgt Ion: 77 Resp: 911059
 Ion Ratio Lower Upper
 77 100
 123 38.6 31.3 46.9
 65 13.6 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-972) (-)
 Ion 123.00 (122.70 to 123.70): BM019093.D (-972) (-)
 Ion 65.00 (64.70 to 65.70): BM019093.D (-972) (-)

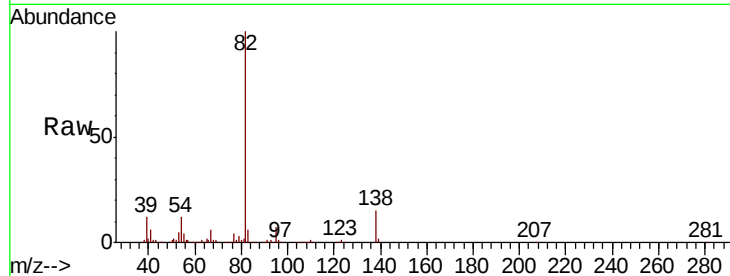




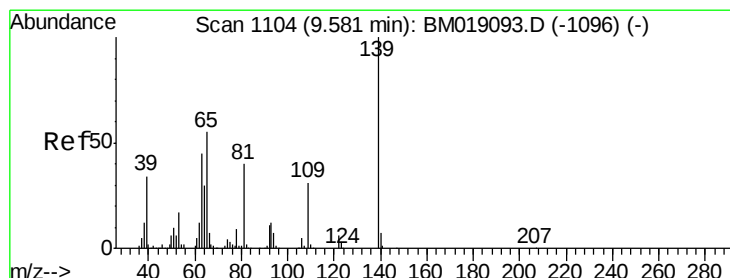
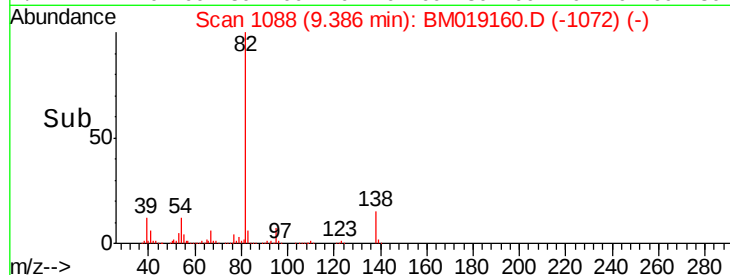
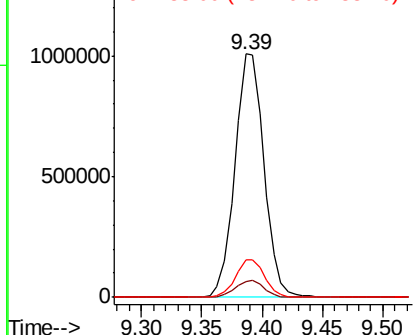
#25
Isophorone
Concen: 40.782 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampled :

Tot Ion: 82 Resp: 1698038
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 15.4 12.6 18.8

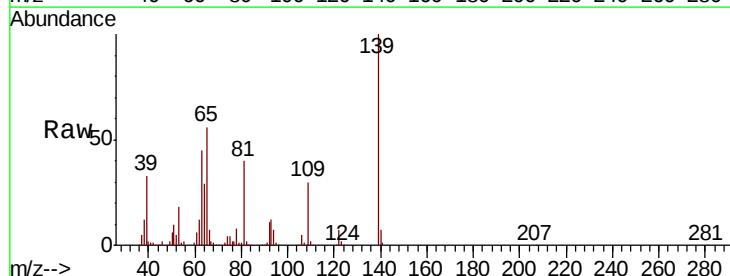


Abundance Ion 82.00 (81.70 to 82.70): BM019160.D (-1072) (-)
Ion 95.00 (94.70 to 95.70): BM019160.D (-1072) (-)
Ion 138.00 (137.70 to 138.70): BM019160.D (-1072) (-)

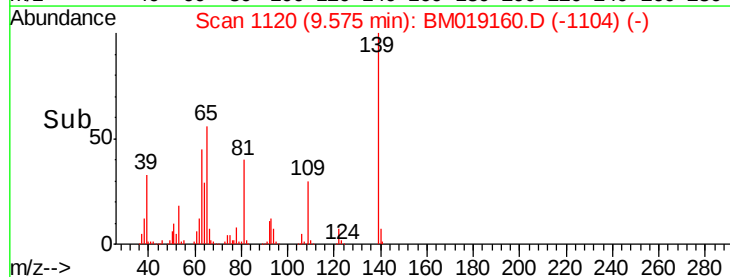
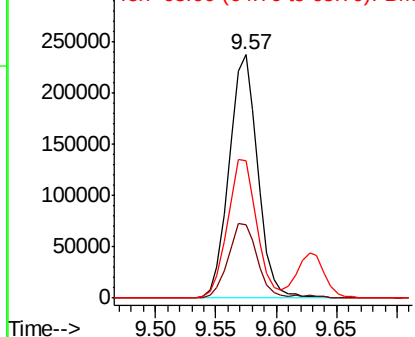


#26
2-Nitrophenol
Concen: 41.690 ng
RT: 9.57 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion: 139 Resp: 392168
Ion Ratio Lower Upper
139 100
109 30.2 24.5 36.7
65 56.5 44.4 66.6



Abundance Ion 139.00 (138.70 to 139.70): BM019160.D (-1104) (-)
Ion 109.00 (108.70 to 109.70): BM019160.D (-1104) (-)
Ion 65.00 (64.70 to 65.70): BM019160.D (-1104) (-)

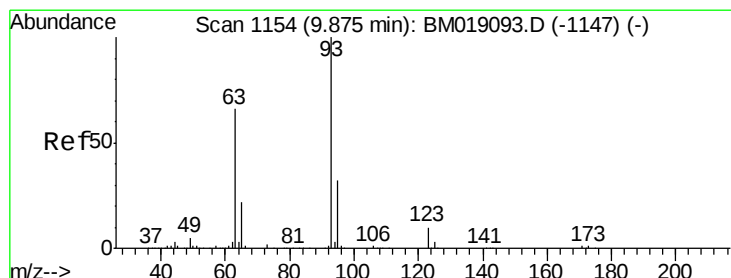
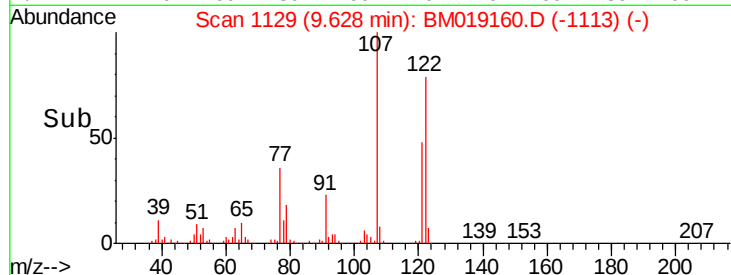
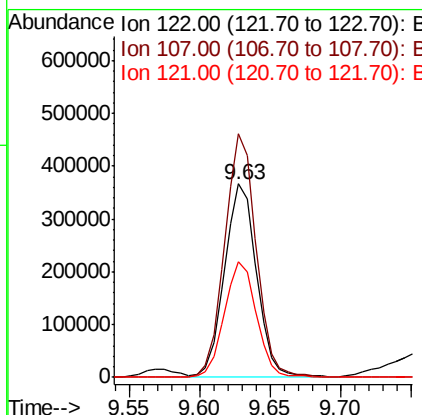
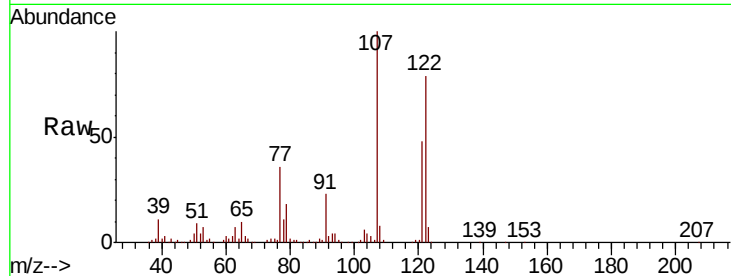




#27
 2,4-Dimethylphenol
 Concen: 41.065 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

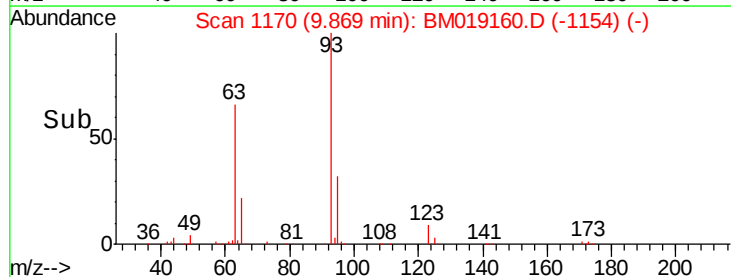
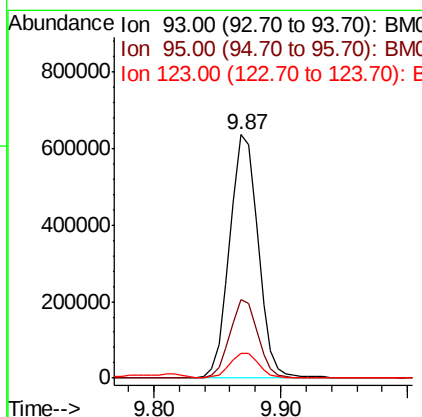
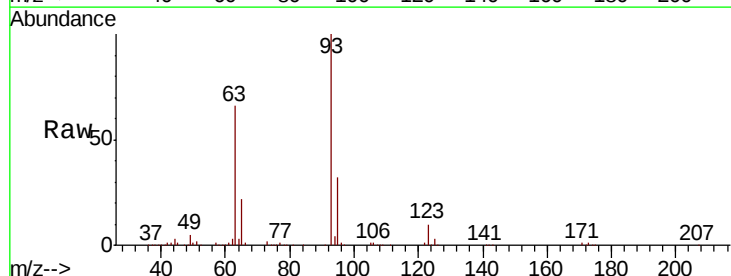
Instrument :
 BNA_M
 ClientSampleId :

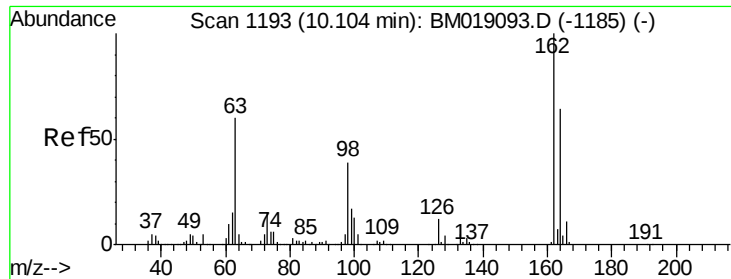
Tot Ion:122 Resp: 574273
 Ion Ratio Lower Upper
 122 100
 107 125.8 98.2 147.4
 121 60.0 48.8 73.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.187 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

Tgt Ion: 93 Resp: 990779
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.8 38.8
 123 10.3 7.9 11.9

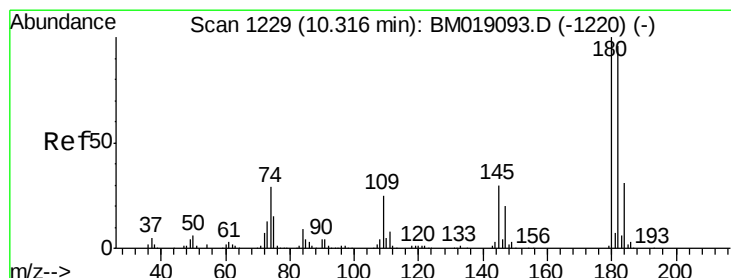
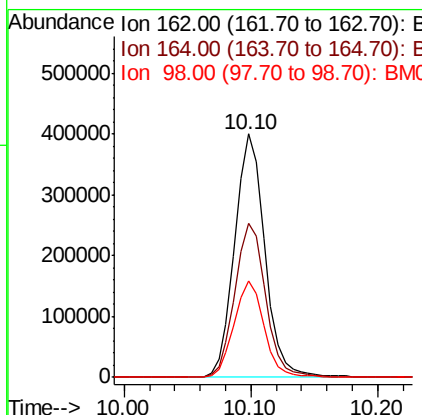
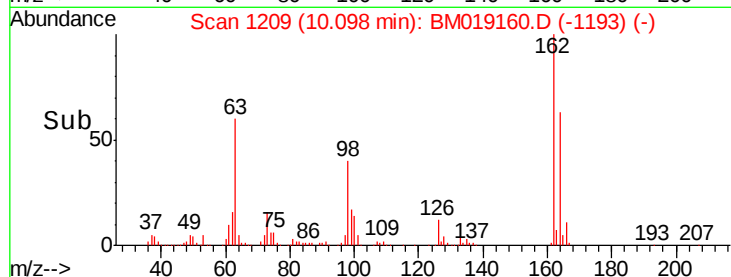
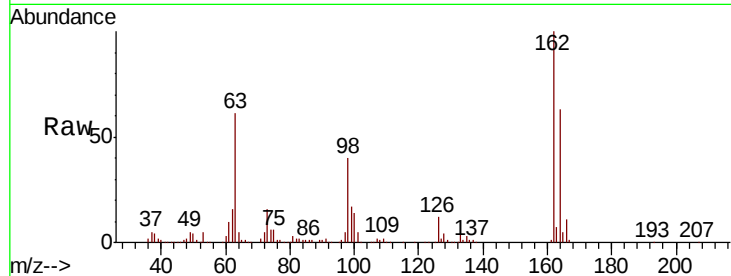




#29
2,4-Dichlorophenol
Concen: 42.481 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

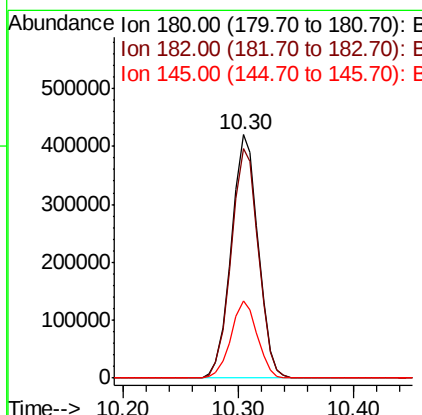
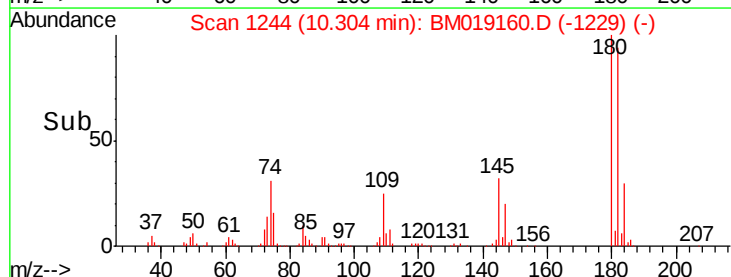
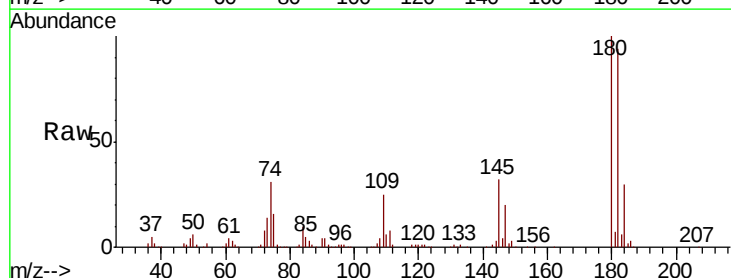
Instrument :
BNA_M
ClientSampled :

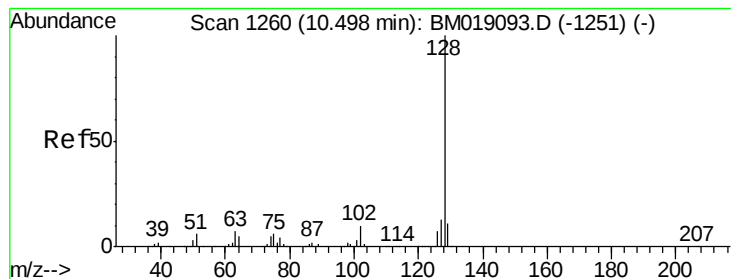
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.5	83.5
98	39.6	19.1	59.1



#30
1,2,4-Trichlorobenzene
Concen: 38.769 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.6	114.8
145	31.6	24.3	36.5





#31

Naphthalene

Concen: 39.129 ng

RT: 10.49 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

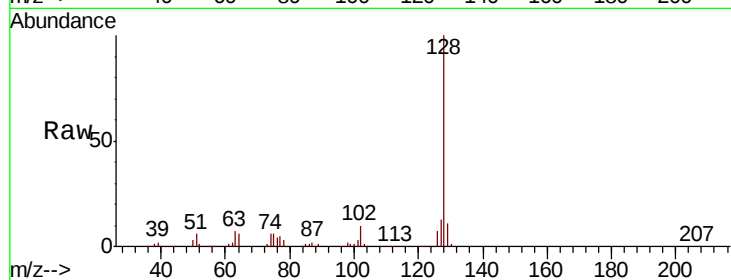
Tot Ion:128 Resp: 2127238

Ion Ratio Lower Upper

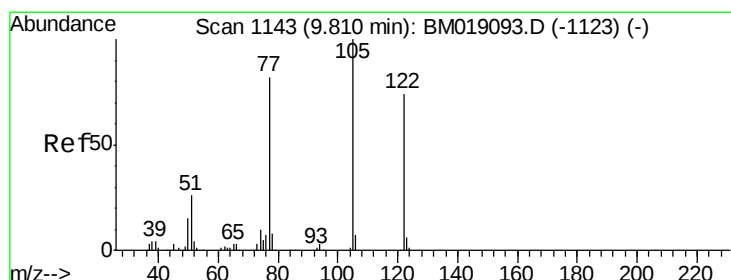
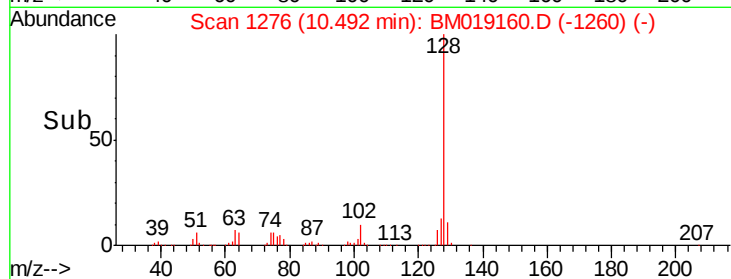
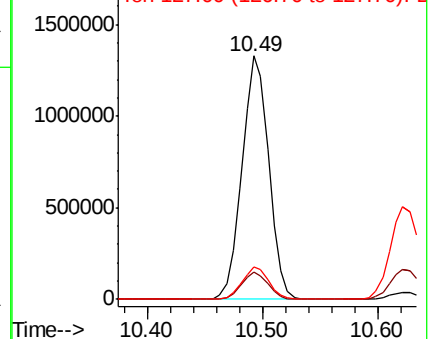
128 100

129 11.0 8.6 13.0

127 13.2 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: 36.960 ng

RT: 9.82 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

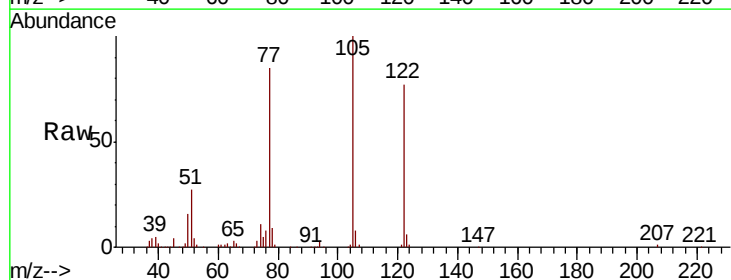
Tgt Ion:122 Resp: 437743

Ion Ratio Lower Upper

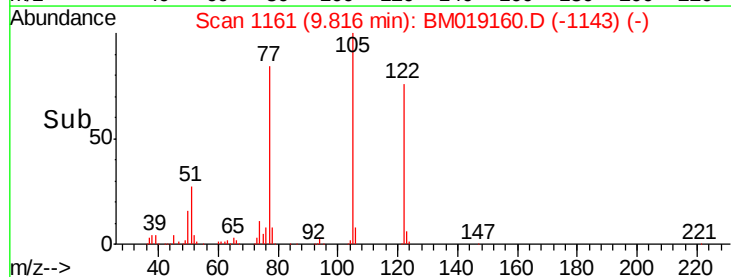
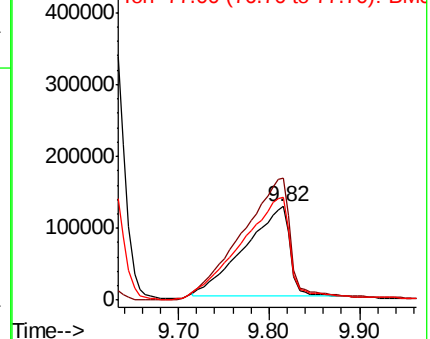
122 100

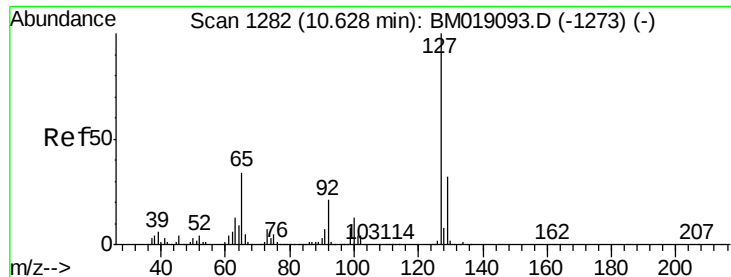
105 130.6 113.0 153.0

77 110.8 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

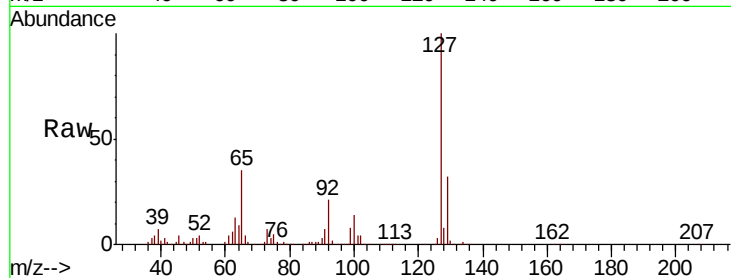




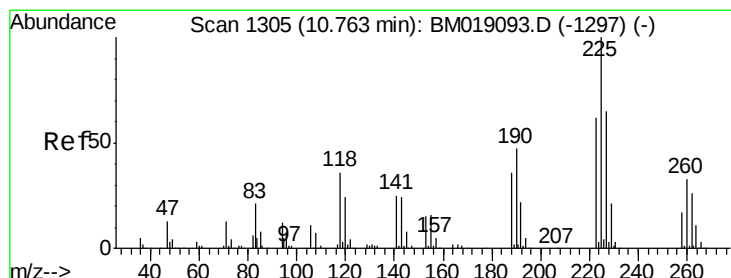
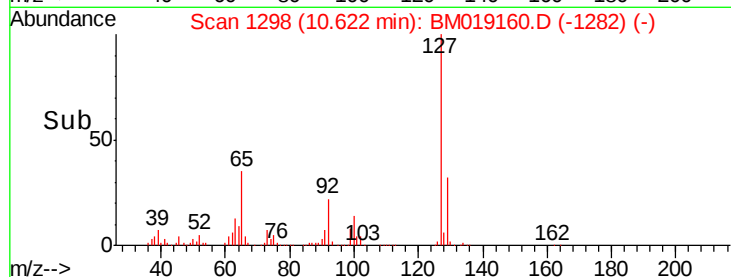
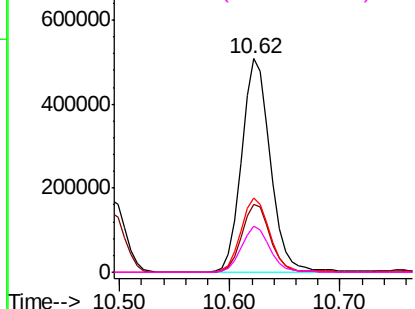
#33
4-Chloroaniline
Concen: 41.771 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	930900
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.3	37.9
65	34.8	27.4	41.2
92	21.4	16.8	25.2

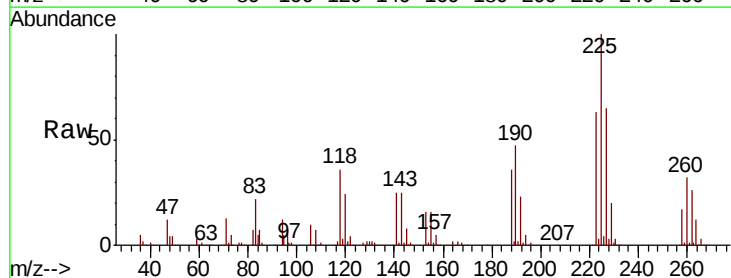


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

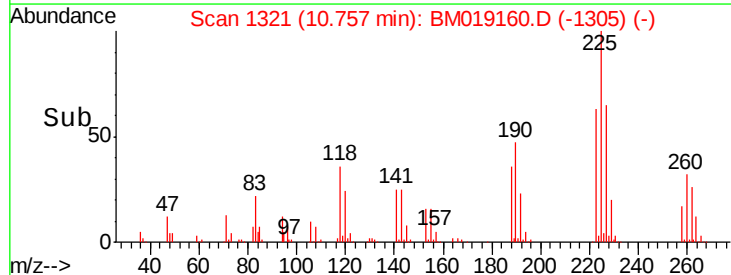
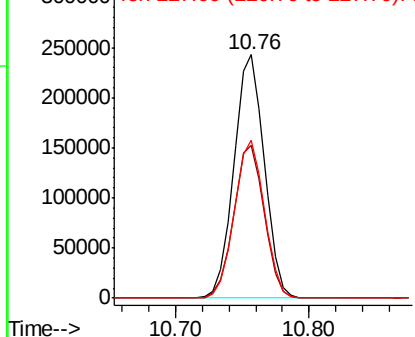


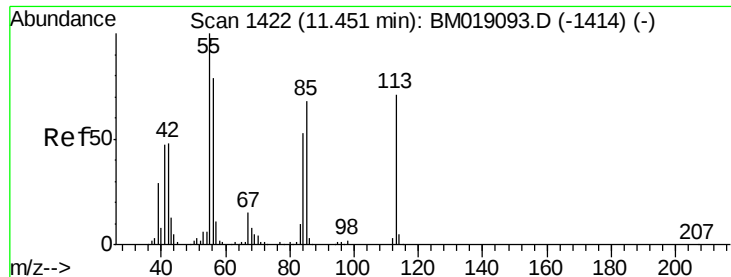
#34
Hexachlorobutadiene
Concen: 38.180 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion:	225	Resp:	382646
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.0
227	64.7	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

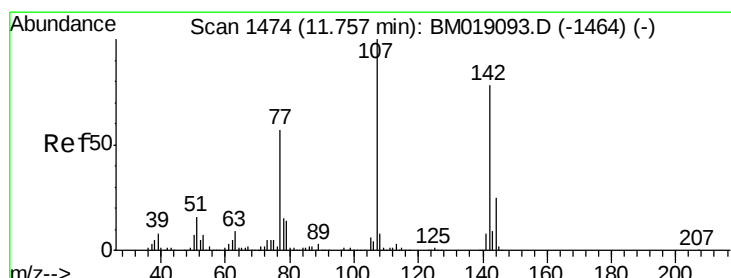
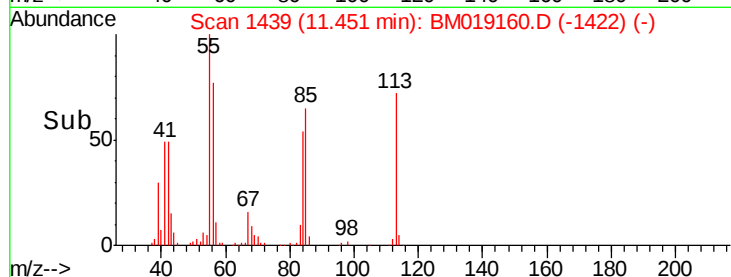
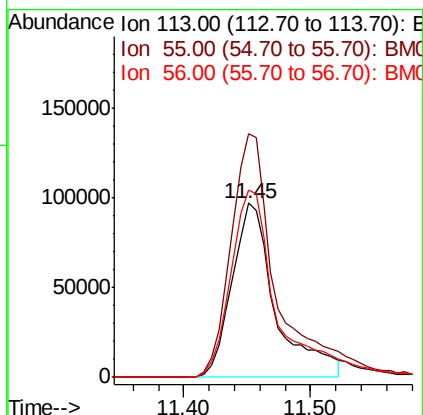
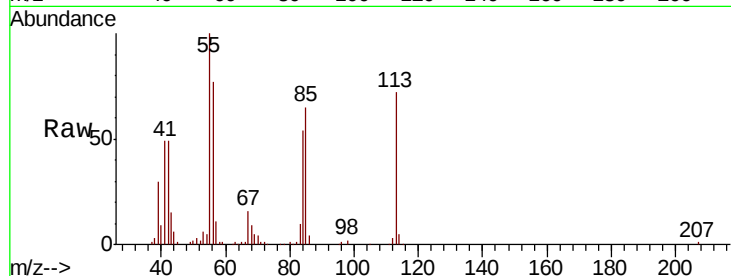




#35
 Caprolactam
 Concen: 42.043 ng
 RT: 11.45 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

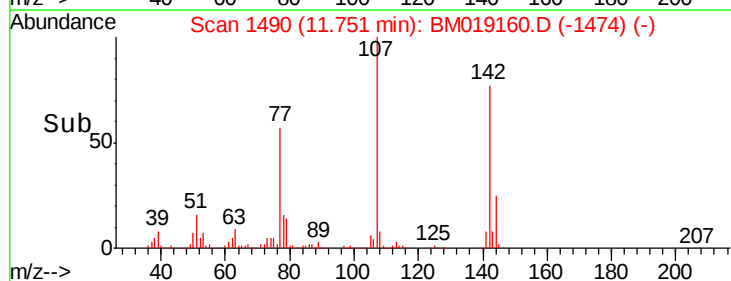
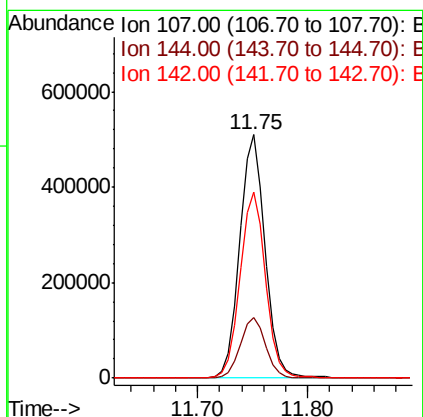
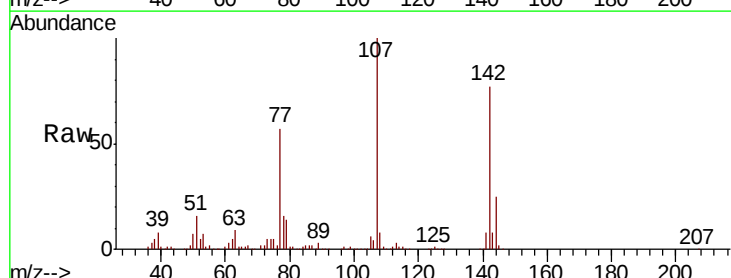
Instrument :
 BNA_M
 ClientSampleId :

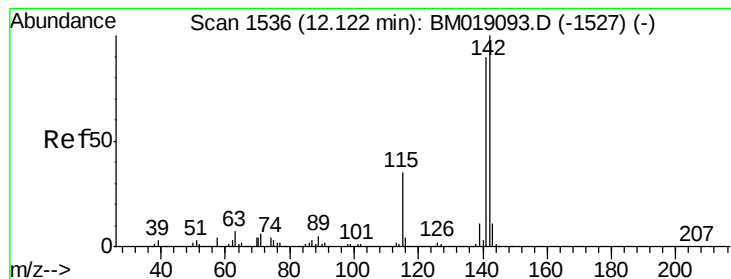
Tot Ion:113 Resp: 231961
 Ion Ratio Lower Upper
 113 100
 55 139.8 120.1 160.1
 56 107.5 90.1 130.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.293 ng
 RT: 11.75 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

Tgt Ion:107 Resp: 827353
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.4
 142 76.6 62.4 93.6





#37

2-Methylnaphthalene

Concen: 40.218 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

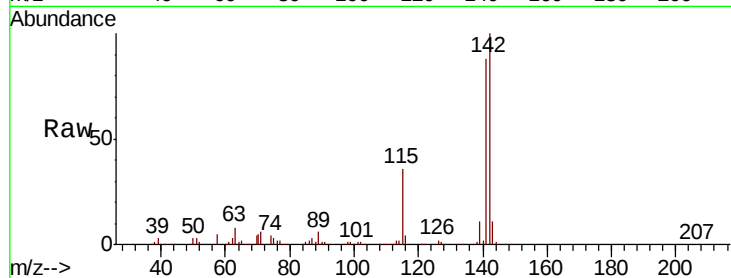
Tot Ion:142 Resp: 1588854

Ion Ratio Lower Upper

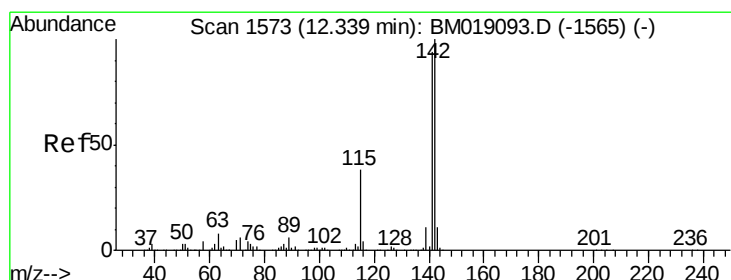
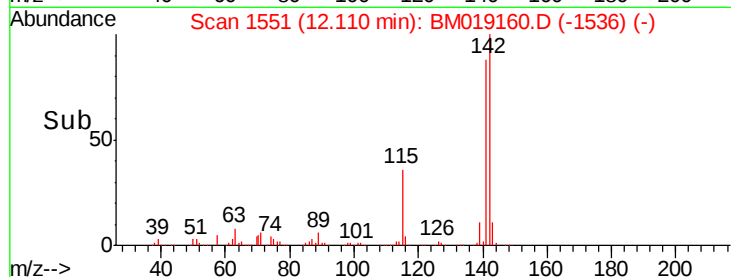
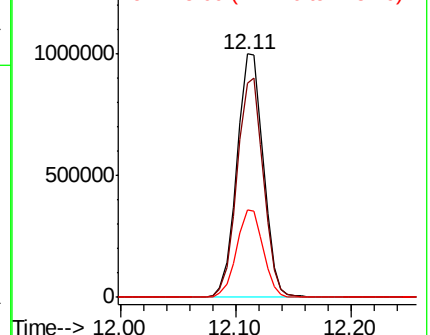
142 100

141 88.1 72.3 108.5

115 35.9 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: 40.101 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

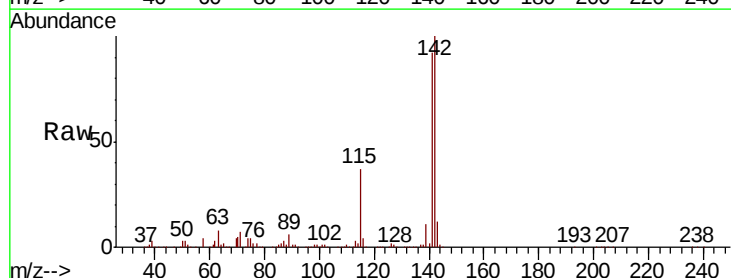
Tgt Ion:142 Resp: 1561513

Ion Ratio Lower Upper

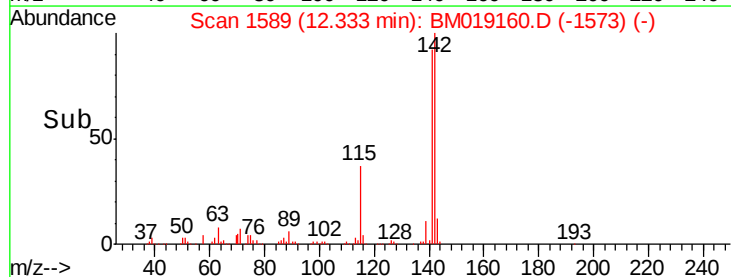
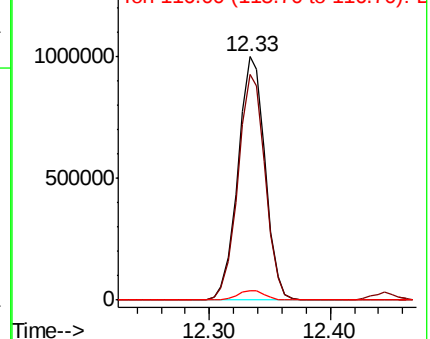
142 100

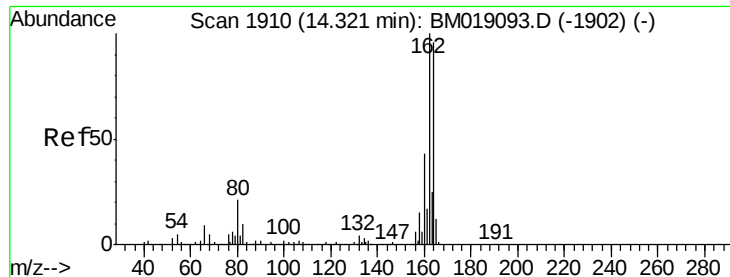
141 92.5 74.9 112.3

116 4.0 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: 14.32 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

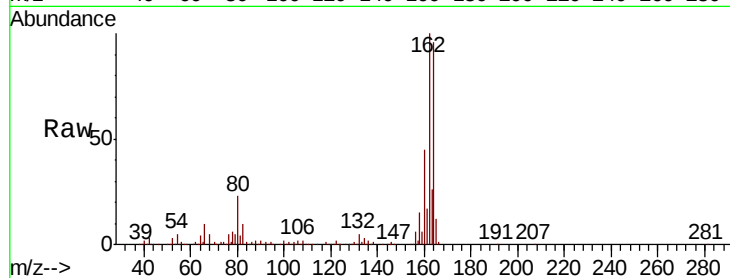
Tot Ion:164 Resp: 634334

Ion Ratio Lower Upper

164 100

162 104.2 83.5 125.3

160 46.8 36.3 54.5

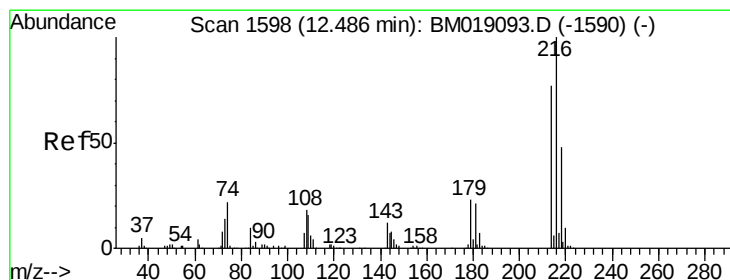
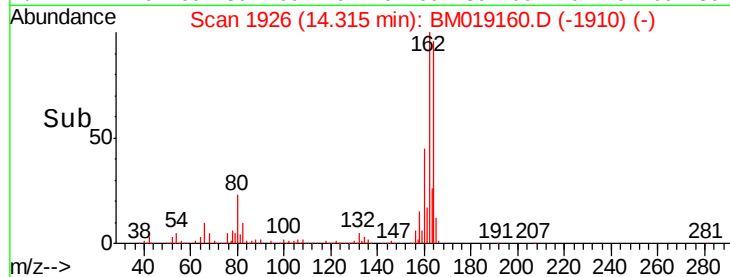
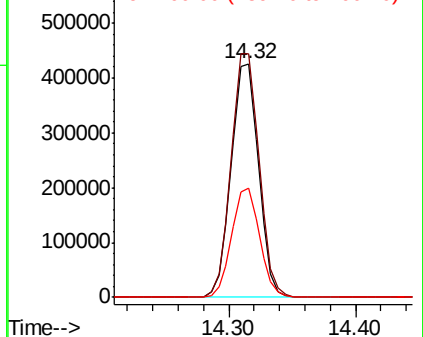


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.162 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Tgt Ion:216 Resp: 785811

Ion Ratio Lower Upper

216 100

214 78.8 62.9 94.3

179 22.5 18.0 27.0

108 20.2 16.2 24.4

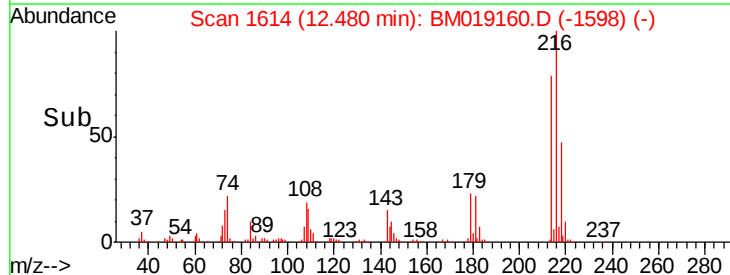
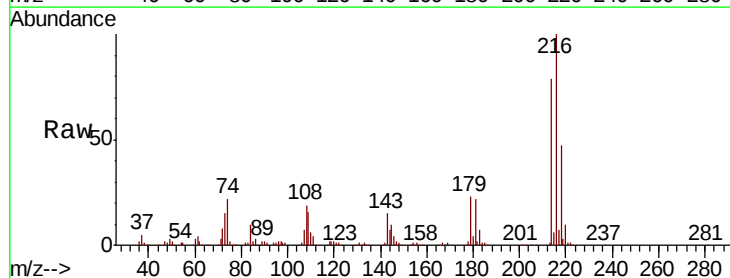
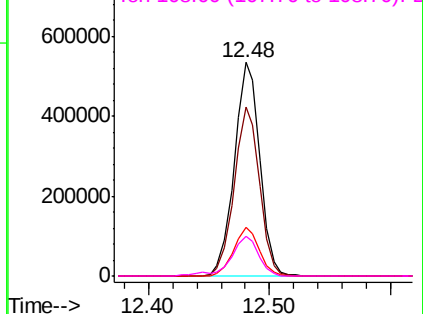
Abundance

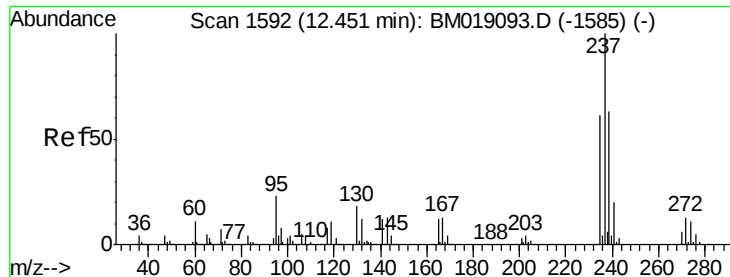
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 36.730 ng

RT: 12.44 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

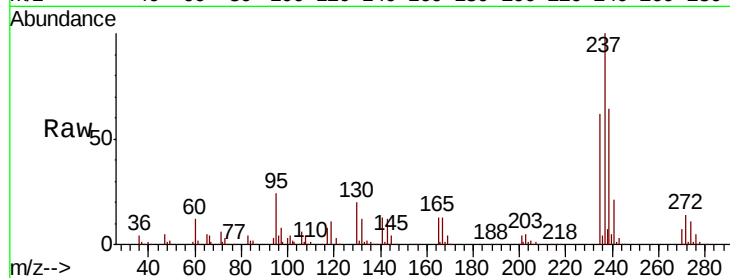
Tot Ion:237 Resp: 333838

Ion Ratio Lower Upper

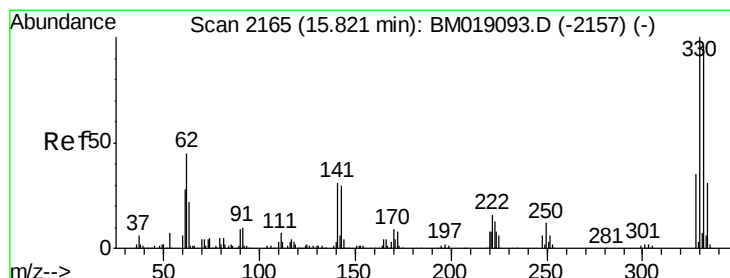
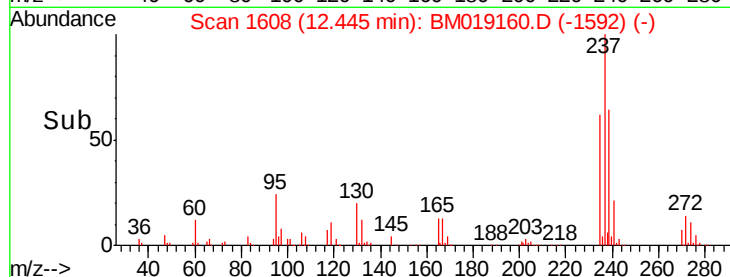
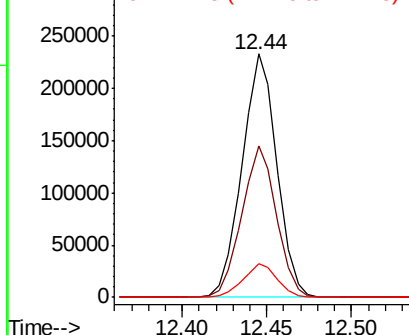
237 100

235 62.0 41.3 81.3

272 13.8 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: 85.158 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

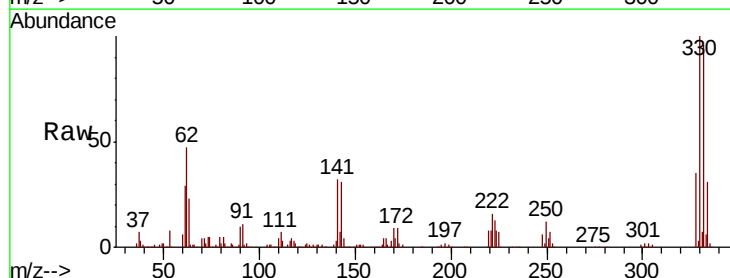
Tgt Ion:330 Resp: 797562

Ion Ratio Lower Upper

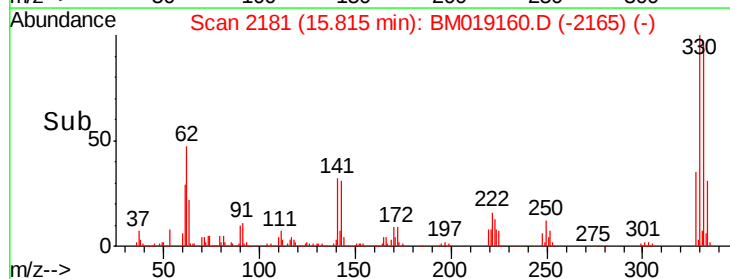
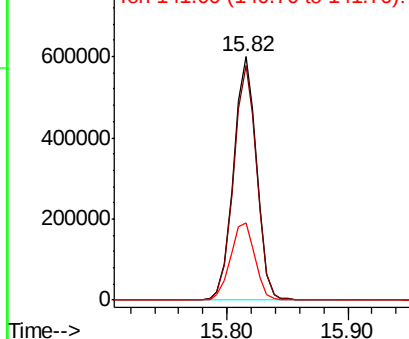
330 100

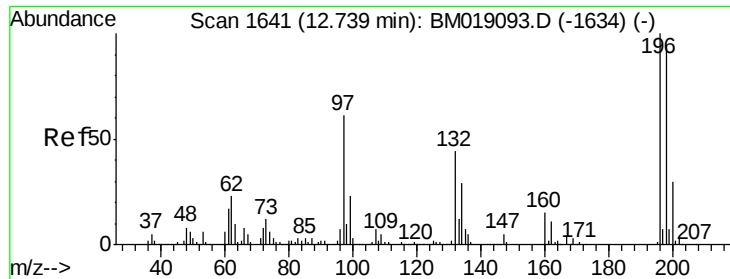
332 96.9 76.8 115.2

141 33.7 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

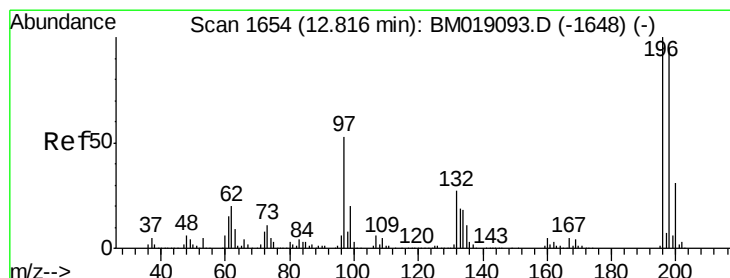
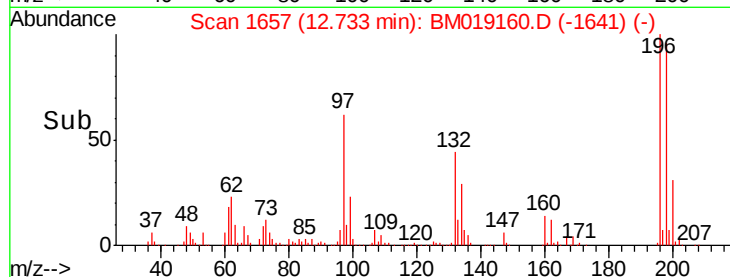
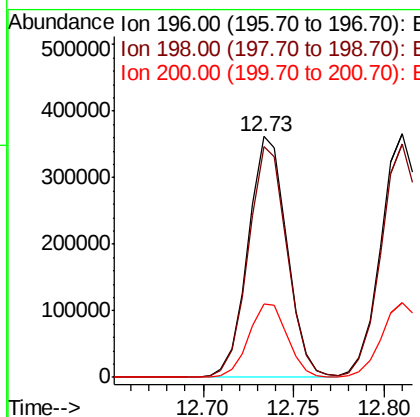
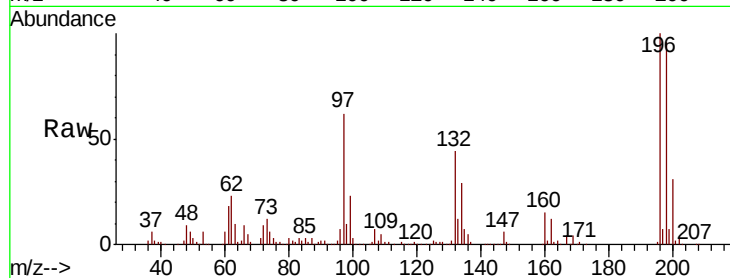




#43
 2,4,6-Trichlorophenol
 Concen: 41.672 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

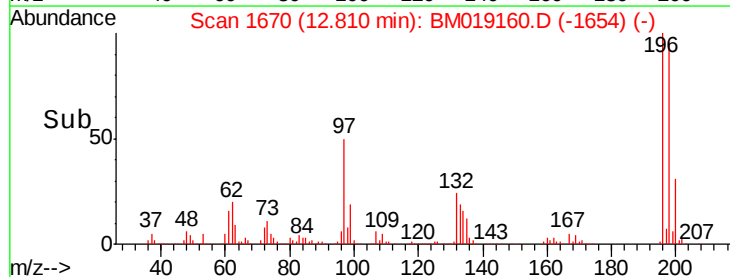
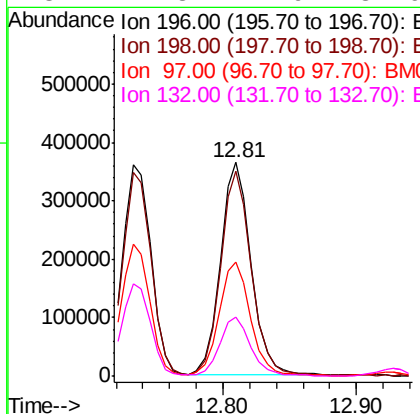
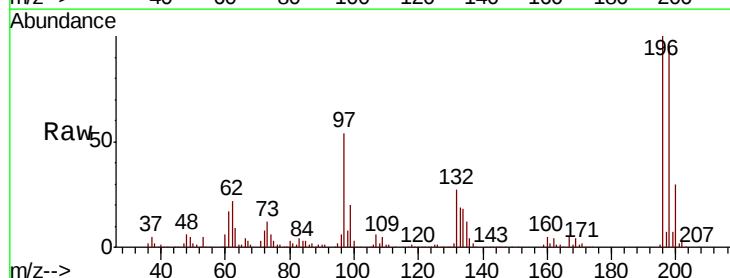
Instrument :
 BNA_M
 ClientSampled :

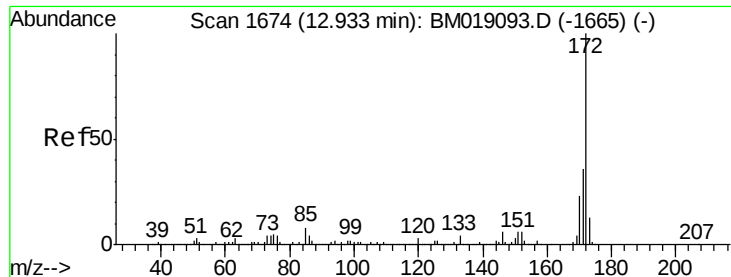
Tot Ion:196 Resp: 540369
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.4 113.0
 200 30.5 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 42.178 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

Tgt Ion:196 Resp: 584854
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.9 113.9
 97 53.5 42.5 63.7
 132 27.3 21.9 32.9

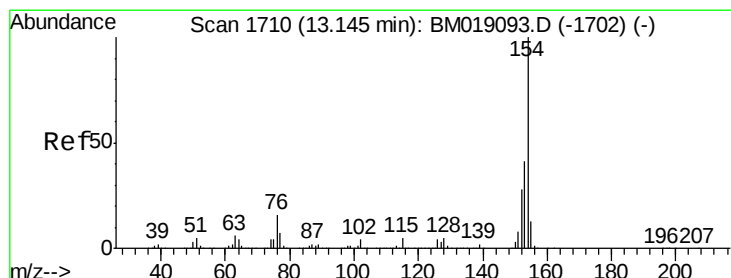
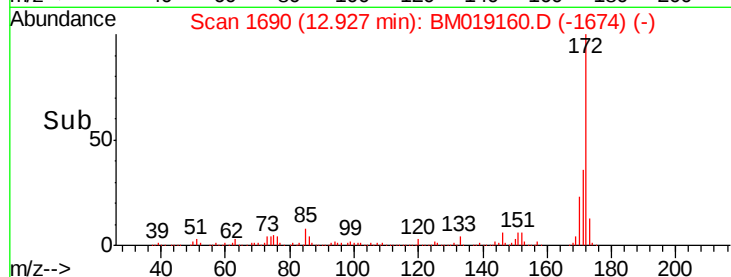
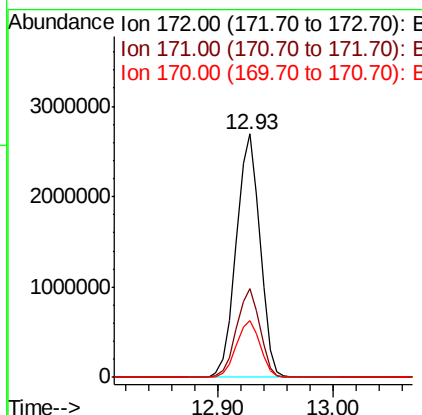
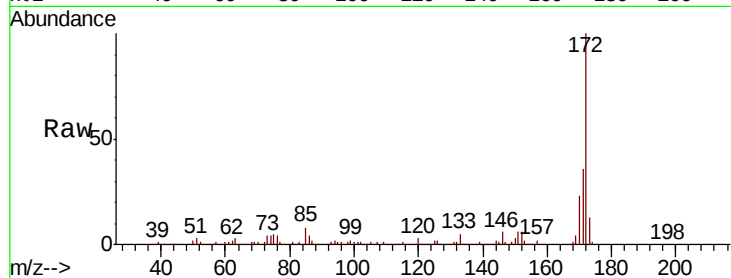




#45
2-Fluorobiphenyl
Concen: 78.454 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

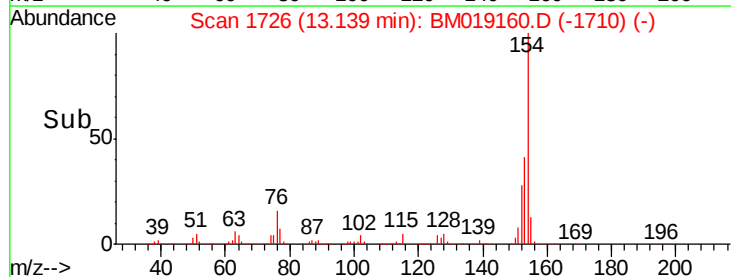
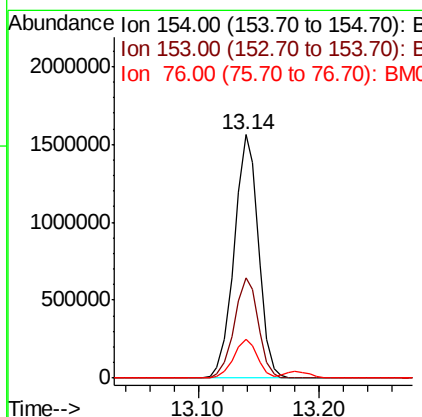
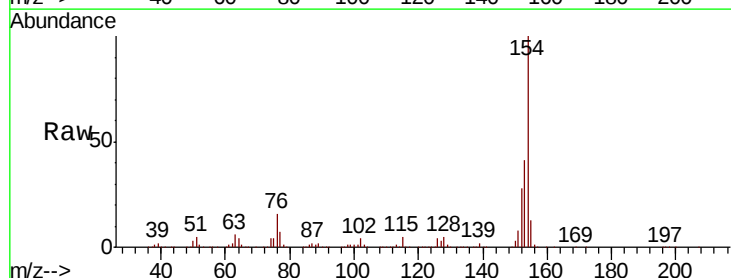
Instrument :
BNA_M
ClientSampleId :

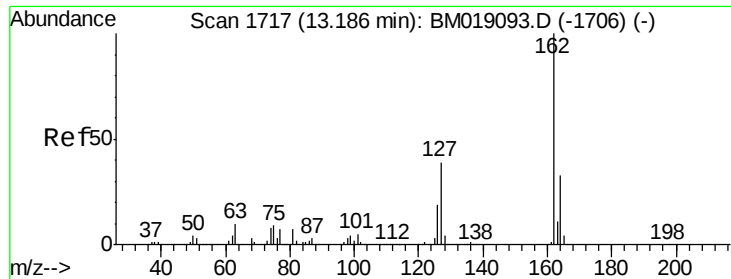
Tot Ion:172 Resp: 3825937
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 39.323 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion:154 Resp: 2178360
Ion Ratio Lower Upper
154 100
153 41.0 21.5 61.5
76 15.8 0.0 35.8



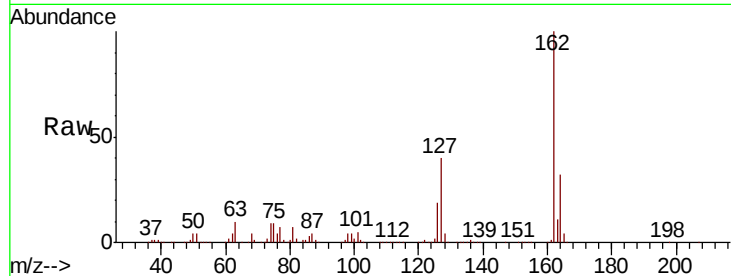


#47
 2-Chloronaphthalene
 Concen: 39.779 ng
 RT: 13.18 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

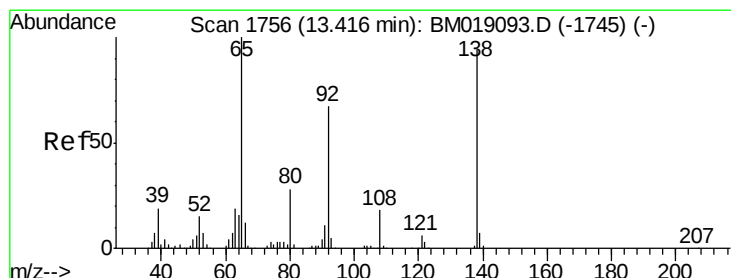
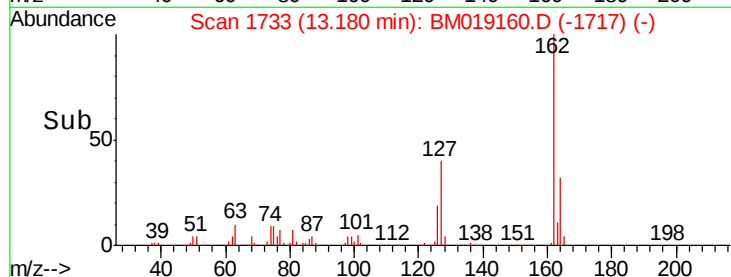
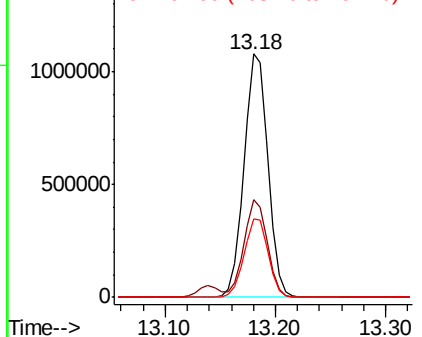
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:162 Resp: 1644857

Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.2	46.8
164	32.5	26.3	39.5



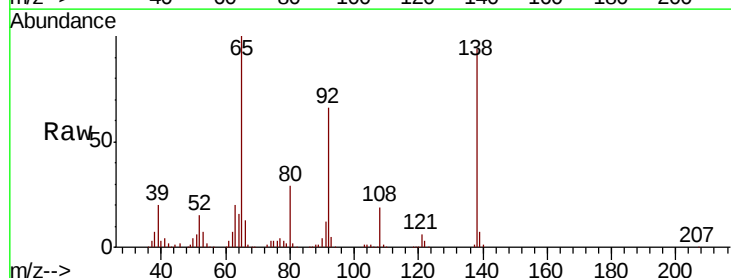
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



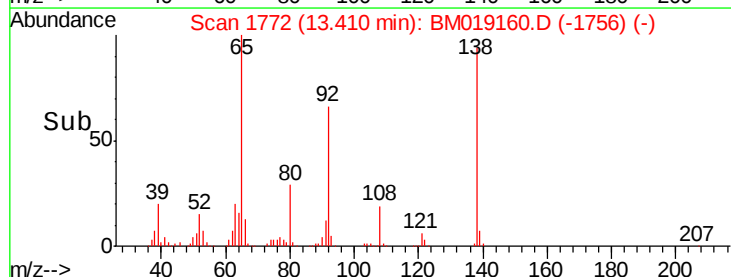
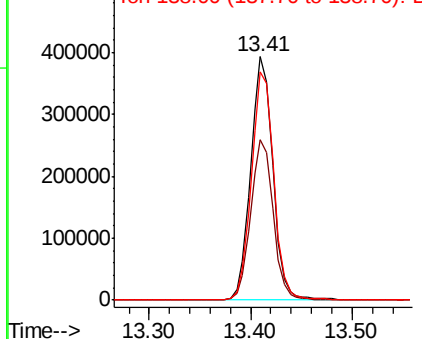
#48
 2-Nitroaniline
 Concen: 43.059 ng
 RT: 13.41 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

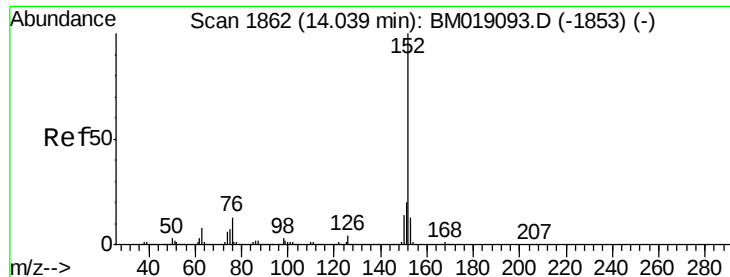
Tgt Ion: 65 Resp: 597132

Ion	Ratio	Lower	Upper
65	100		
92	65.7	53.4	80.2
138	93.9	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: 40.140 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

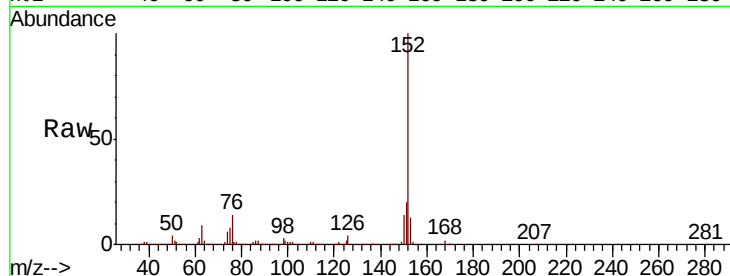
Tot Ion:152 Resp: 2806490

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

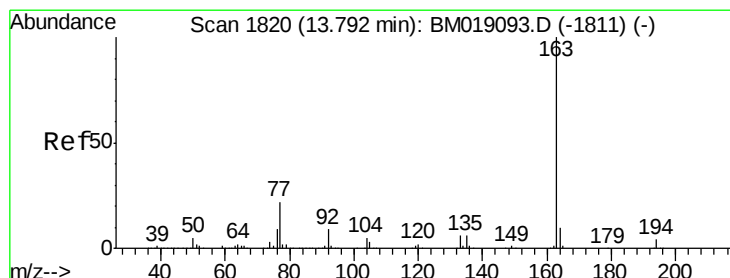
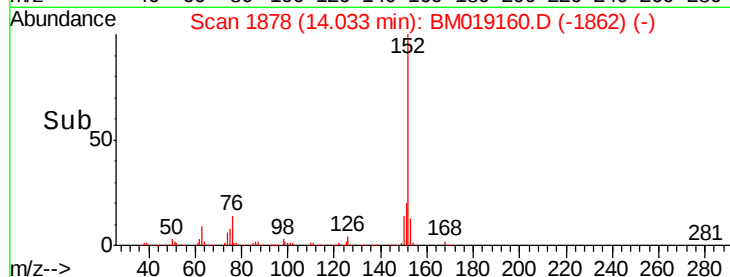
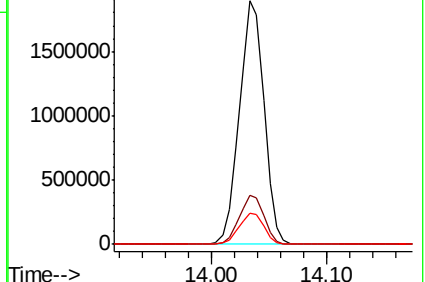
153 12.8 10.6 15.8



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: 39.817 ng

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

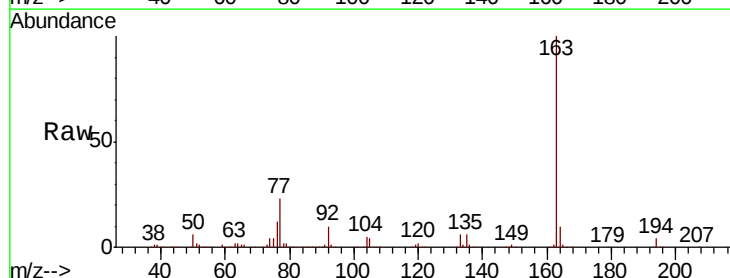
Tgt Ion:163 Resp: 2160651

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

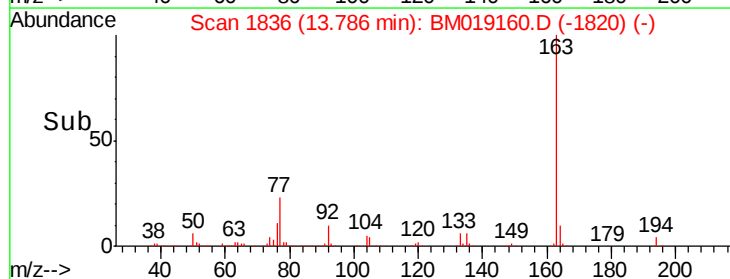
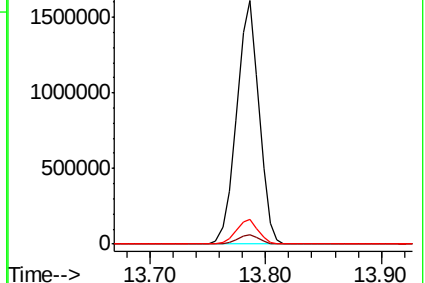
164 9.9 7.7 11.5

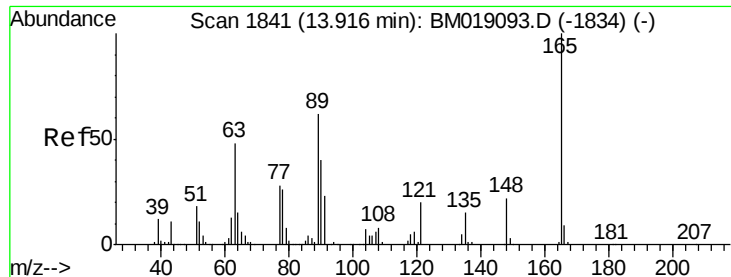


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

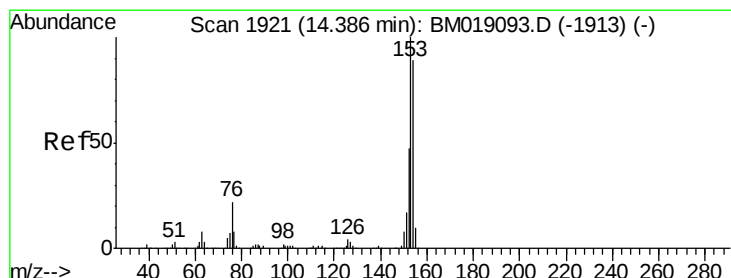
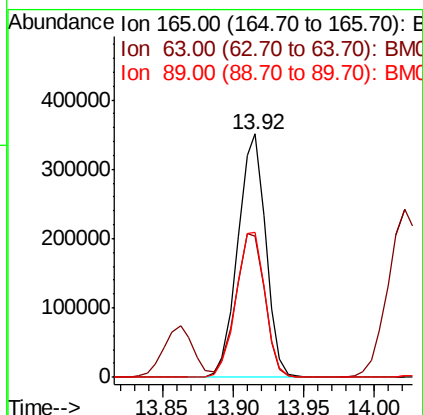
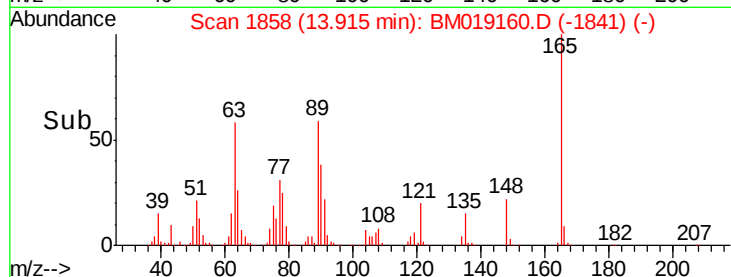
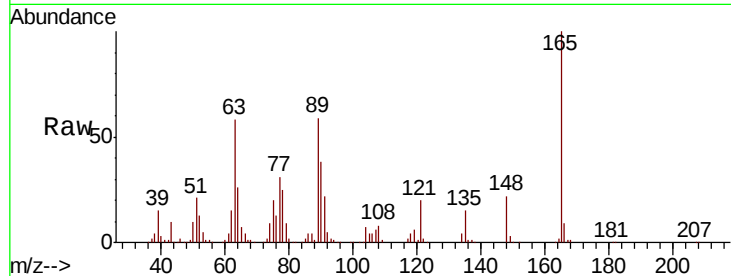




#51
2,6-Dinitrotoluene
Concen: 41.223 ng
RT: 13.92 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

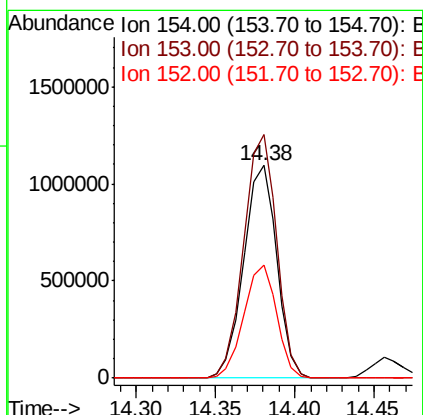
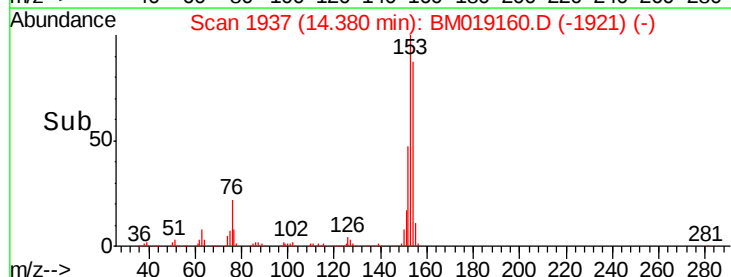
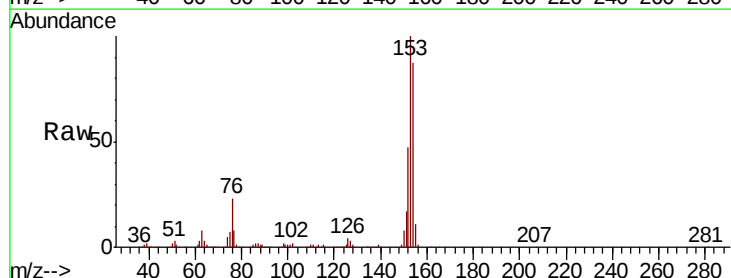
Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.2	48.2	72.4
89	59.4	49.3	73.9



#52
Acenaphthene
Concen: 39.483 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.1	135.1
152	53.3	42.5	63.7





#53

3-Nitroaniline

Concen: 40.545 ng

RT: 14.25 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

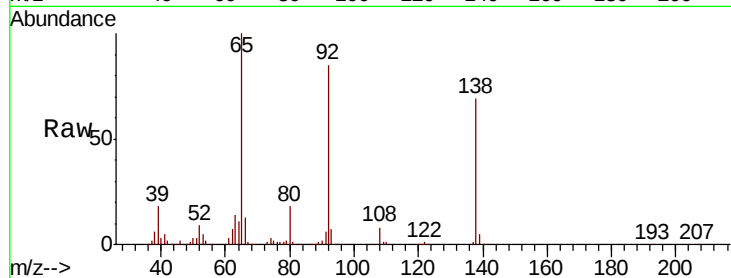
Tot Ion:138 Resp: 503732

Ion Ratio Lower Upper

138 100

108 11.0 9.0 13.4

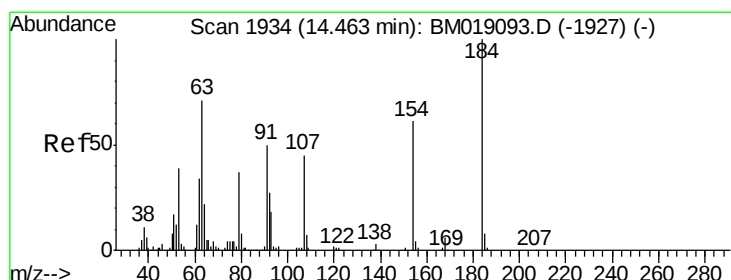
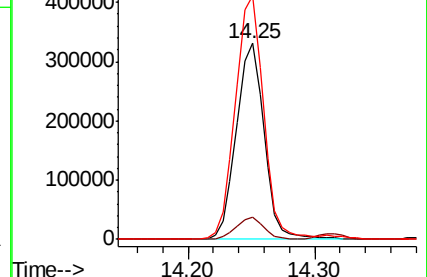
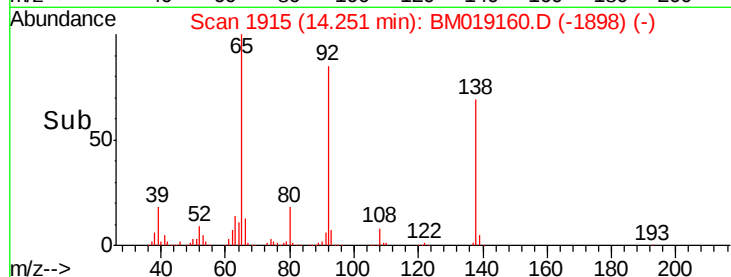
92 124.1 102.6 153.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 37.405 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

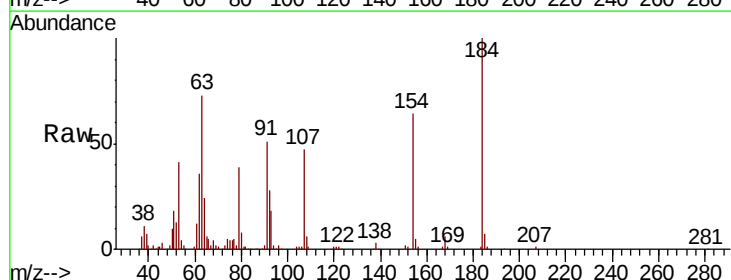
Tgt Ion:184 Resp: 254815

Ion Ratio Lower Upper

184 100

63 73.2 56.7 85.1

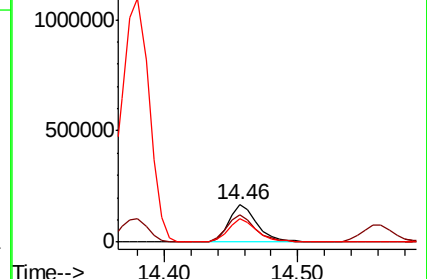
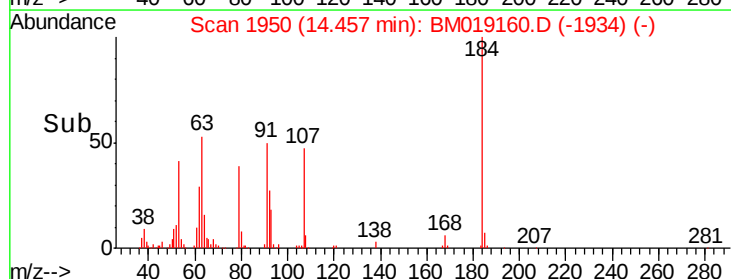
154 63.8 49.3 73.9

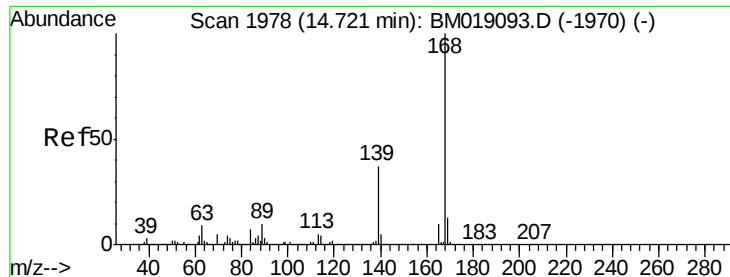


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

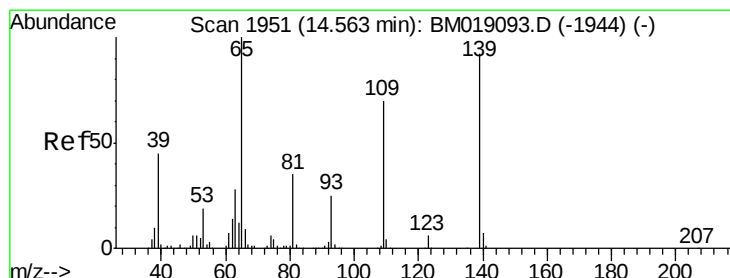
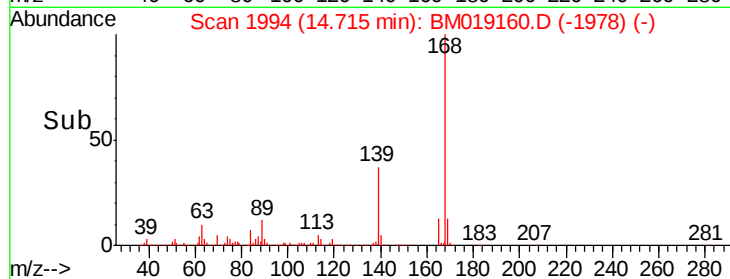
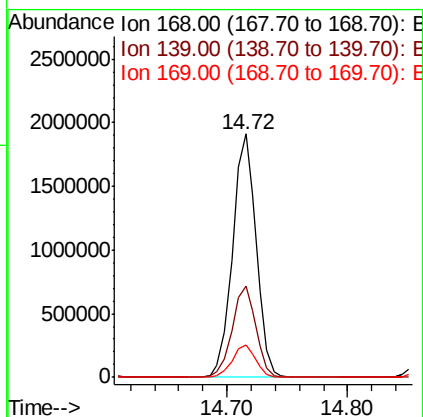
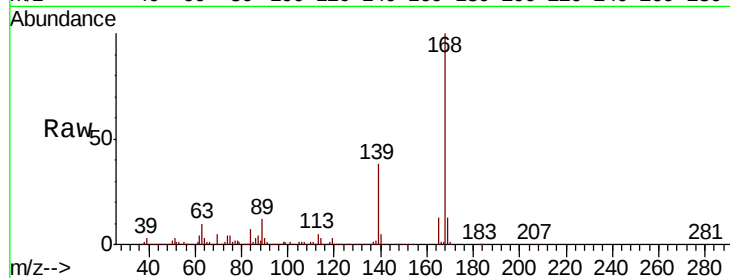




#55
Dibenzofuran
Concen: 40.044 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

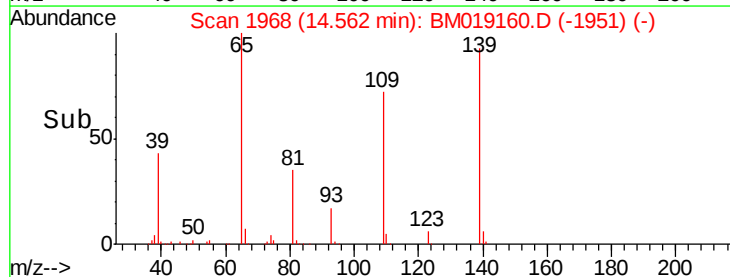
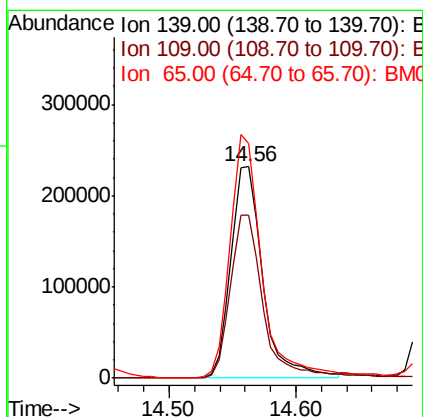
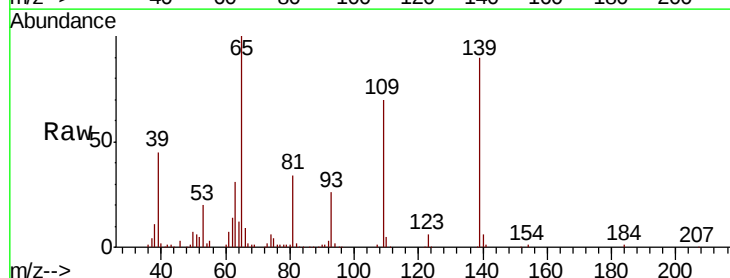
Instrument :
BNA_M
ClientSampled :

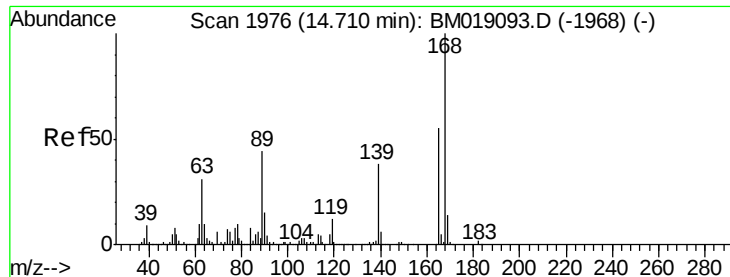
Tot Ion:168 Resp: 2594472
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 39.983 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion:139 Resp: 405573
Ion Ratio Lower Upper
139 100
109 77.3 56.3 96.3
65 110.8 89.2 129.2

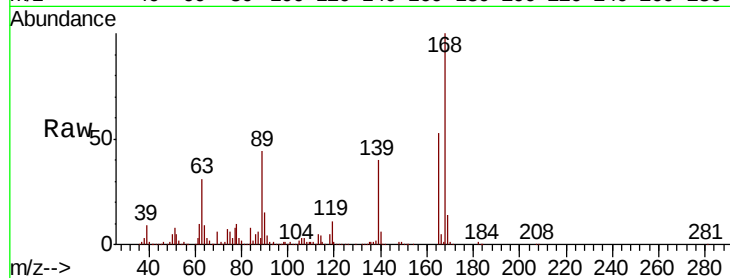




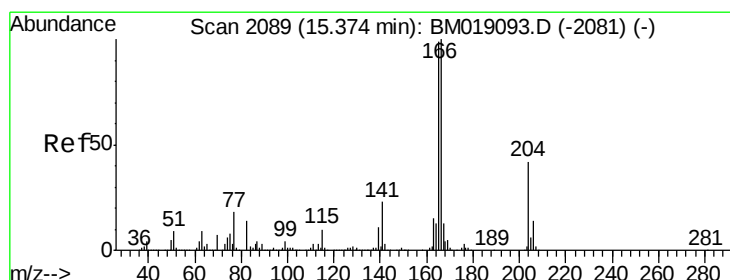
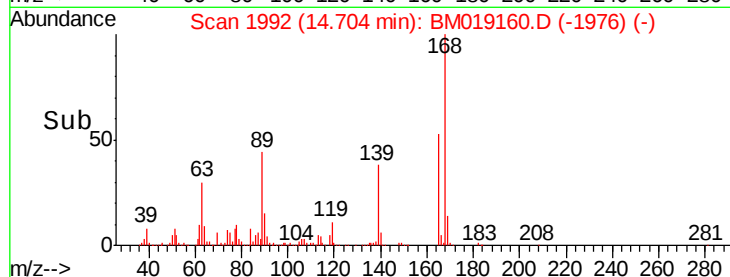
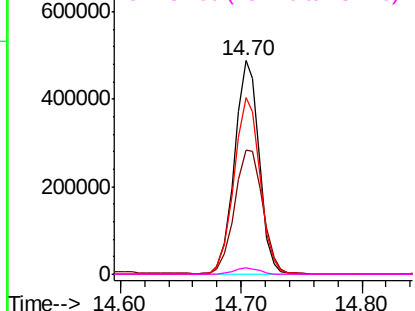
#57
2,4-Dinitrotoluene
Concen: 40.579 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 690974
Ion Ratio Lower Upper
165 100
63 58.0 44.7 67.1
89 82.6 63.4 95.2
182 2.8 2.3 3.5

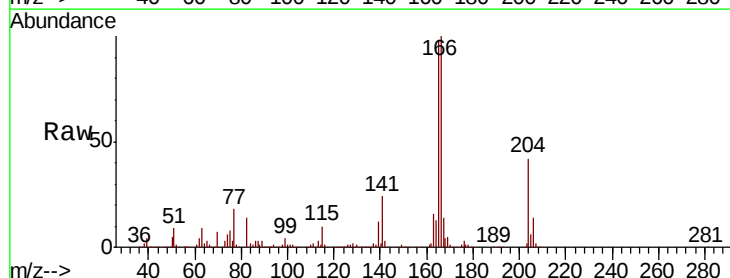


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

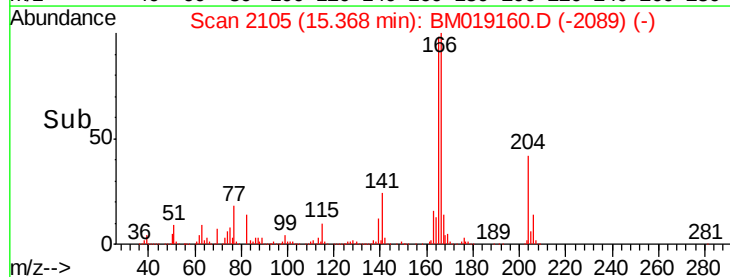
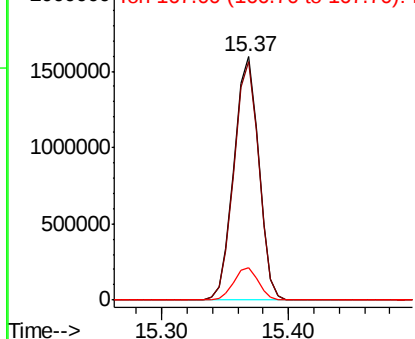


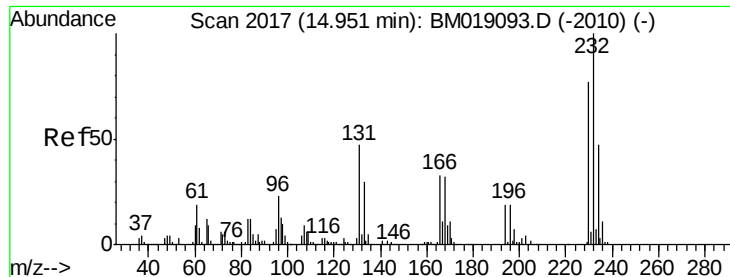
#58
Fluorene
Concen: 40.404 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion:166 Resp: 2157788
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.4
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

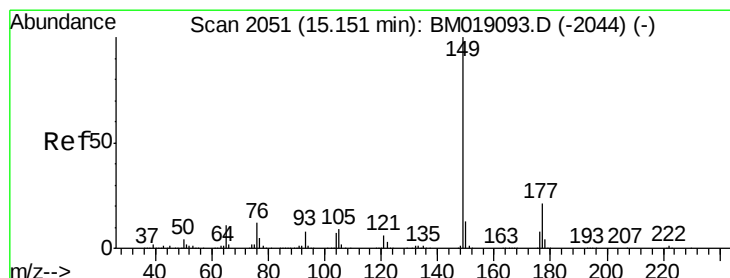
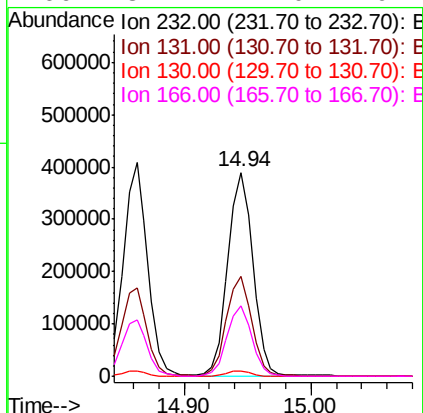
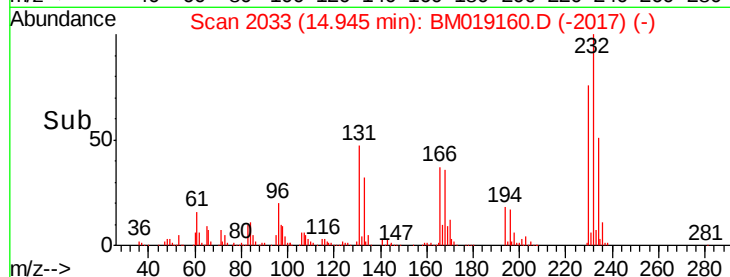
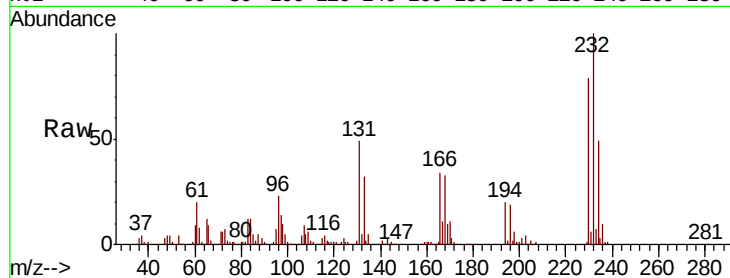




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.131 ng
 RT: 14.94 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

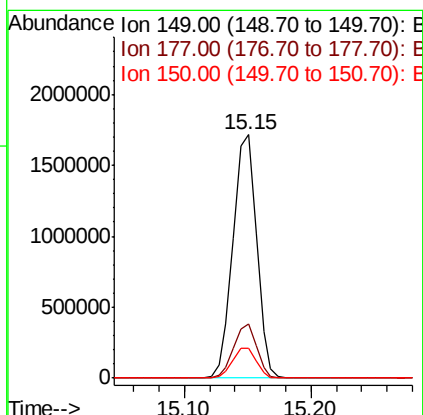
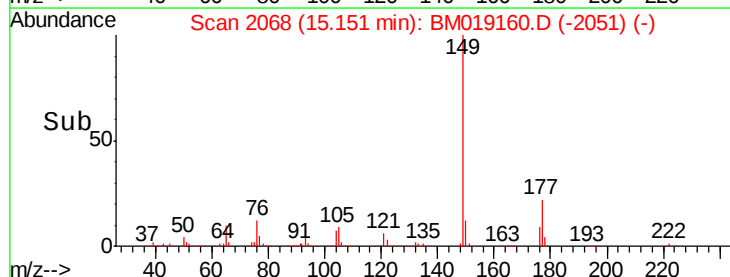
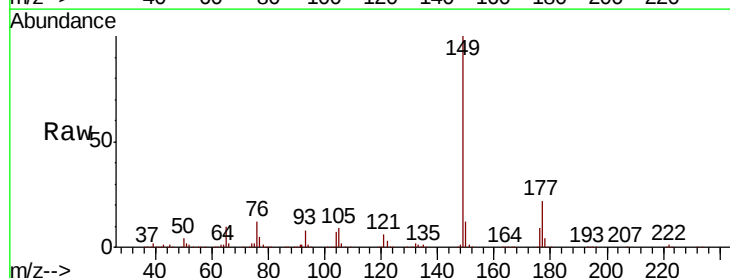
Instrument :
 BNA_M
 ClientSampleId :

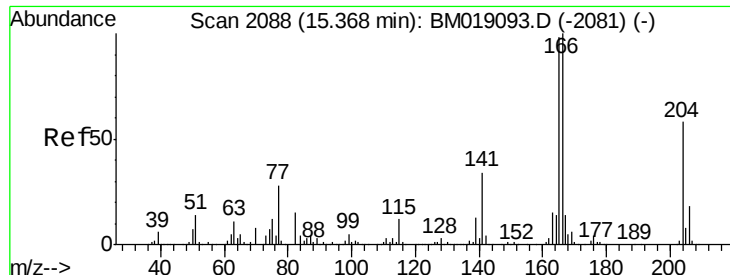
Tot Ion:232	Resp: 530957
Ion Ratio	Lower Upper
232 100	
131 49.0	38.2 57.2
130 2.6	1.9 2.9
166 34.1	27.0 40.4



#60
 Diethylphthalate
 Concen: 40.210 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.00 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

Tgt Ion	149	Resp: Lower	2209861 Upper
	Ratio		
149	100		
177	22.2	17.0	25.6
150	12.2	10.2	15.4

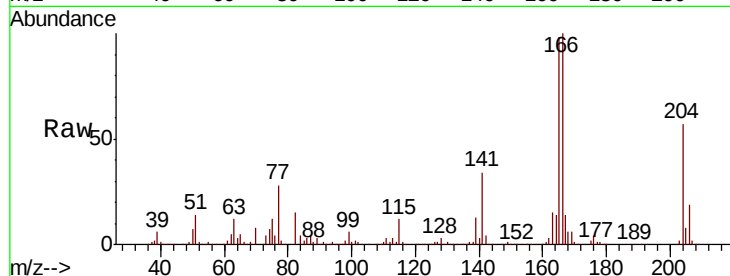




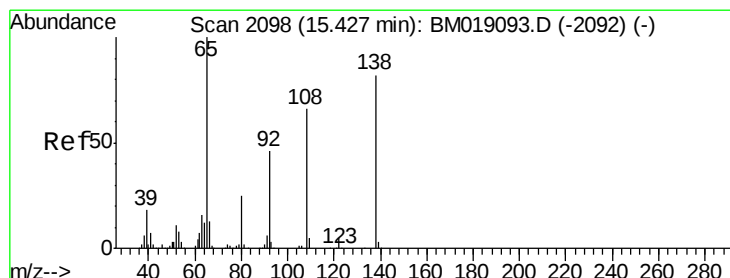
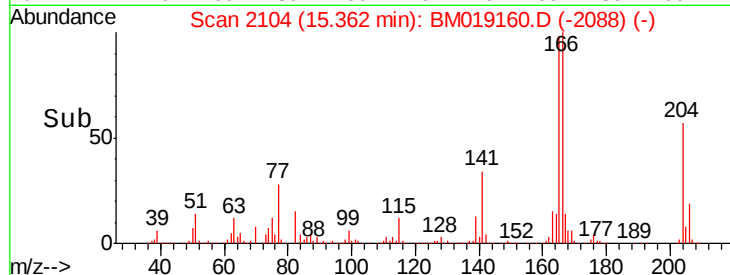
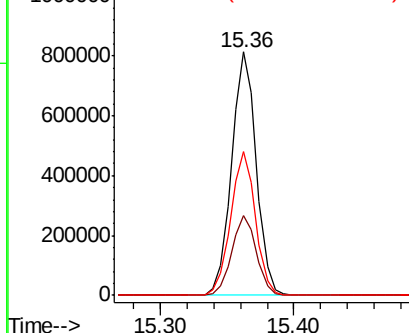
#61
 4-Chlorophenyl-phenylether
 Concen: 40.396 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 1047796
 Ion Ratio Lower Upper
 204 100
 206 33.0 25.5 38.3
 141 59.0 47.8 71.8

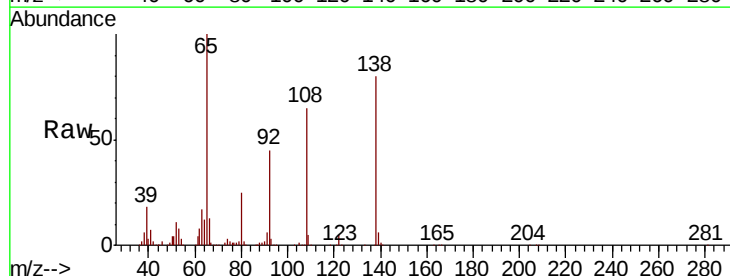


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

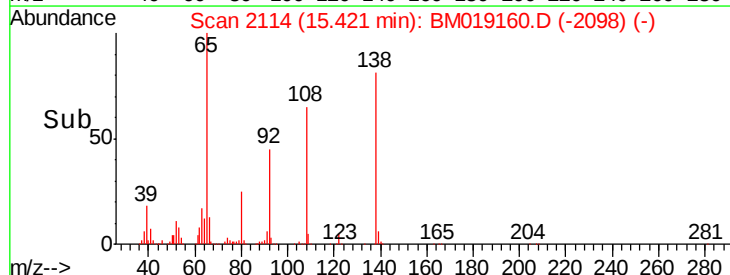
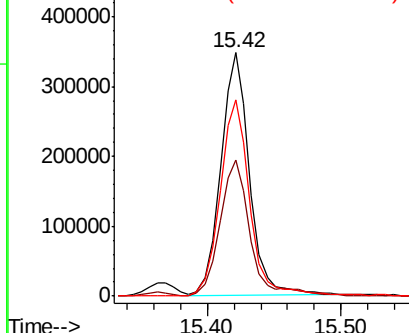


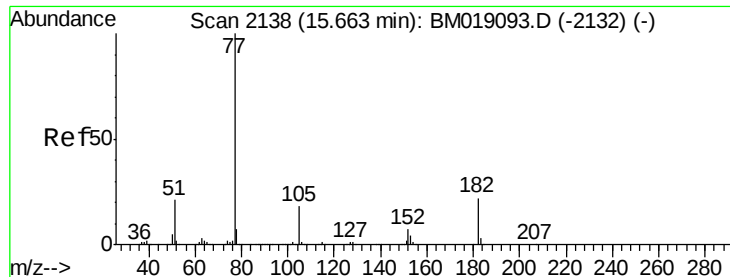
#62
 4-Nitroaniline
 Concen: 41.543 ng
 RT: 15.42 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BM019160.D
 Acq: 13 Mar 2019 23:46

Tgt Ion:138 Resp: 520136
 Ion Ratio Lower Upper
 138 100
 92 55.7 36.2 76.2
 108 80.6 59.7 99.7



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





#63

Azobenzene

Concen: 41.783 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2416392

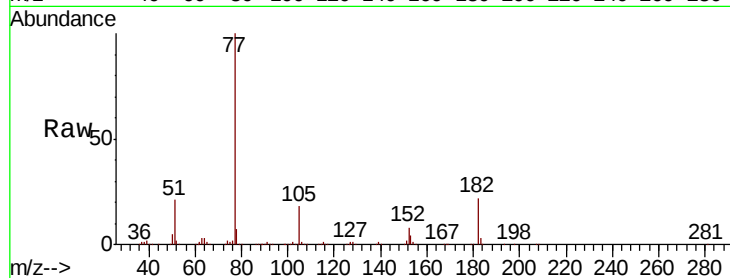
Ion	Ratio	Lower	Upper
77	100		
182	21.7	1.8	41.8
105	18.1	0.0	38.3
51	20.8	0.8	40.8

77 100

182 21.7 1.8 41.8

105 18.1 0.0 38.3

51 20.8 0.8 40.8



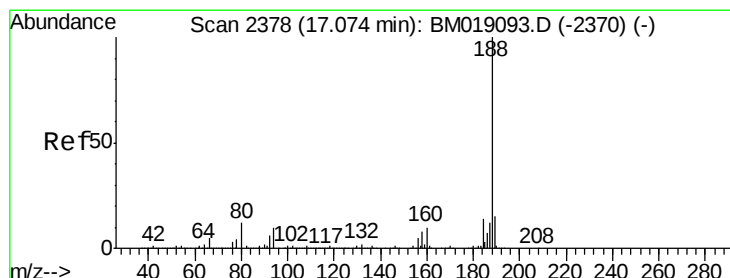
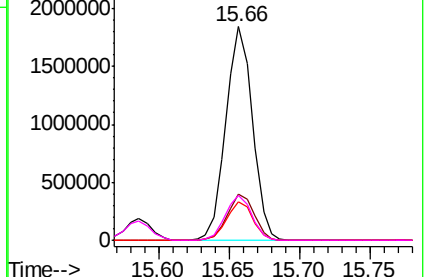
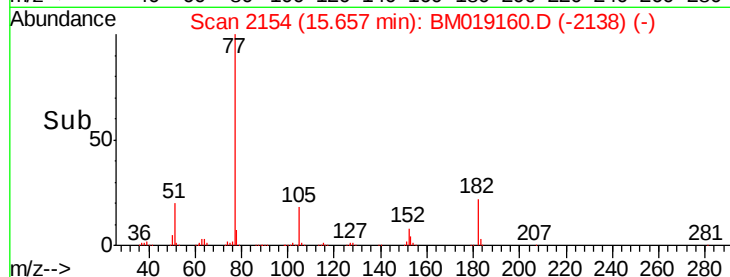
Abundance Ion 77.00 (76.70 to 77.70): BM019160.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM019160.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM019160.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM019160.D (-2138) (-)

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

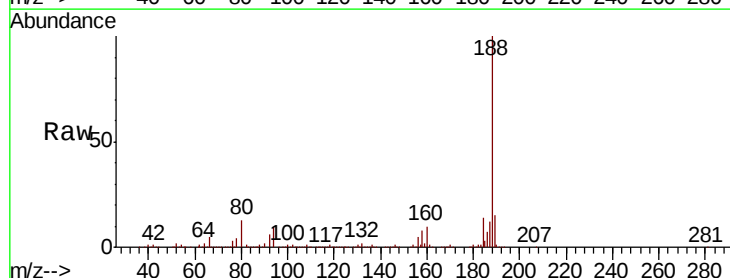
Tgt Ion: 188 Resp: 1446630

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	12.7	9.7	14.5

188 100

94 10.3 8.1 12.1

80 12.7 9.7 14.5

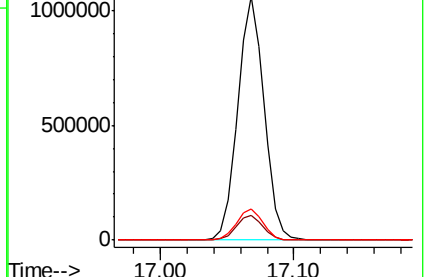
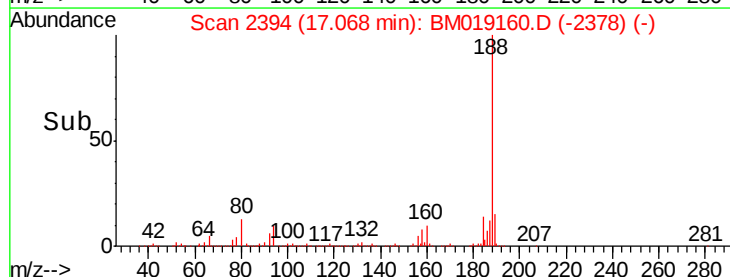


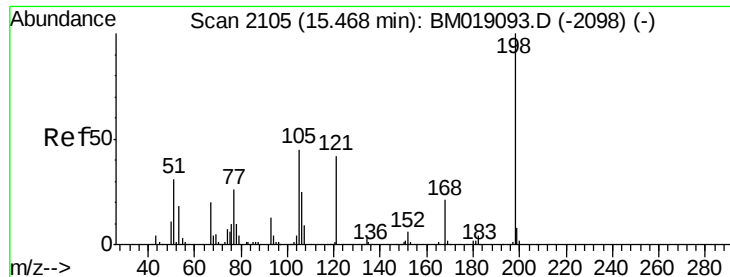
Abundance Ion 188.00 (187.70 to 188.70): BM019160.D (-2378) (-)

Ion 94.00 (93.70 to 94.70): BM019160.D (-2378) (-)

Ion 80.00 (79.70 to 80.70): BM019160.D (-2378) (-)

Time-->

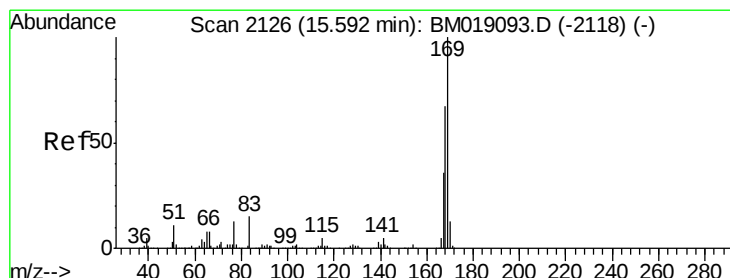
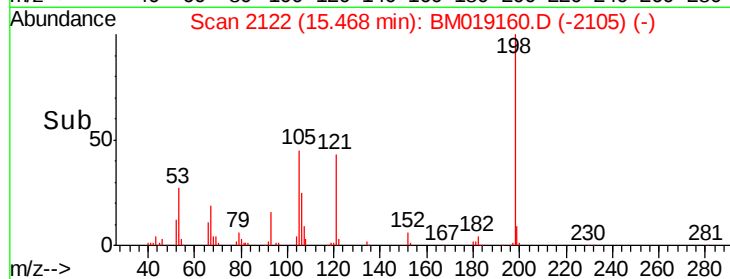
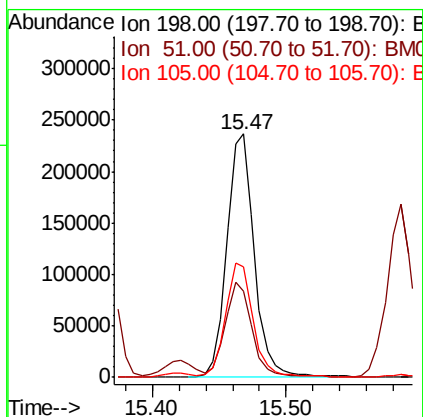
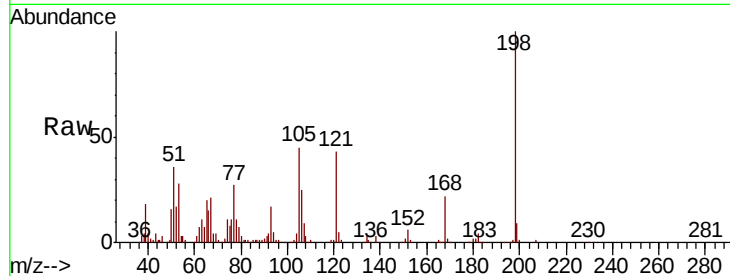




#65
4,6-Dinitro-2-methylphenol
Concen: 36.027 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

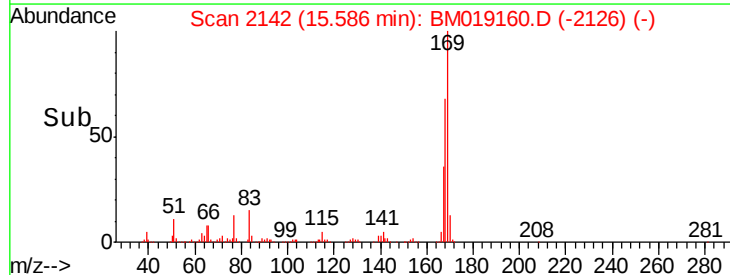
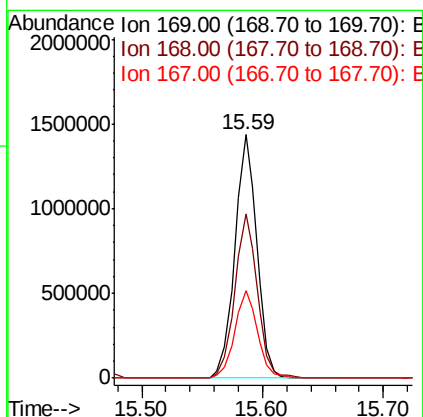
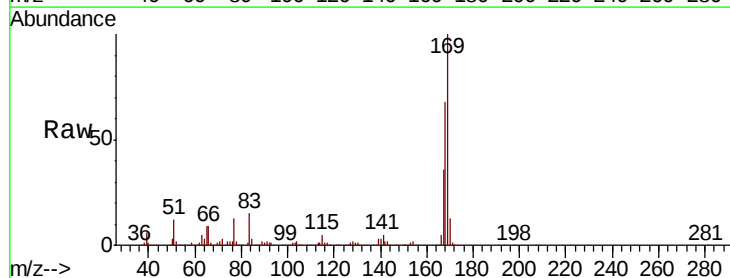
Instrument :
BNA_M
ClientSampleId :

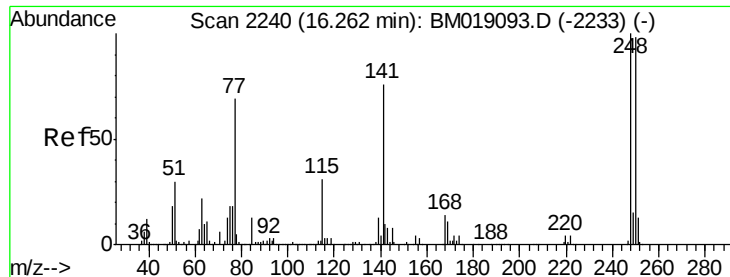
Tot Ion:198 Resp: 341530
Ion Ratio Lower Upper
198 100
51 35.6 17.3 57.3
105 45.3 26.2 66.2



#66
n-Nitrosodiphenylamine
Concen: 39.684 ng
RT: 15.59 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion:169 Resp: 1827670
Ion Ratio Lower Upper
169 100
168 67.7 53.9 80.9
167 36.1 28.8 43.2

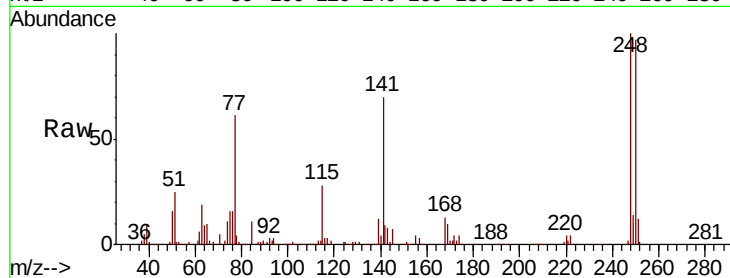




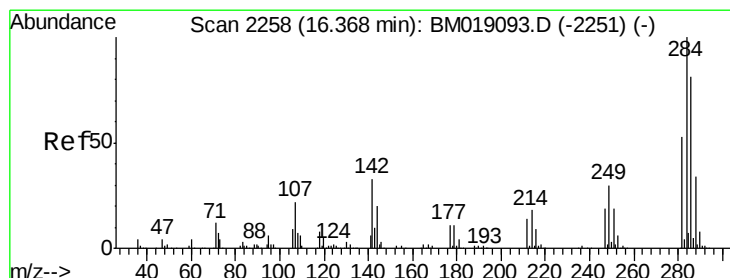
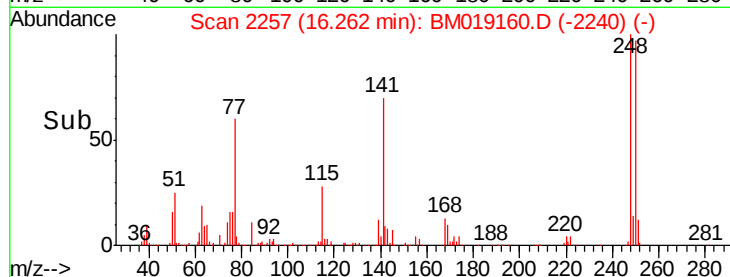
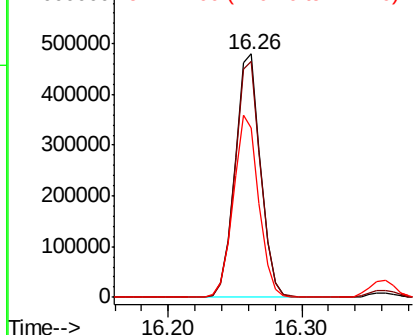
#67
4-Bromophenyl-phenylether
Concen: 39.902 ng
RT: 16.26 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 636538
Ion Ratio Lower Upper
248 100
250 96.7 78.0 117.0
141 69.5 61.0 91.4

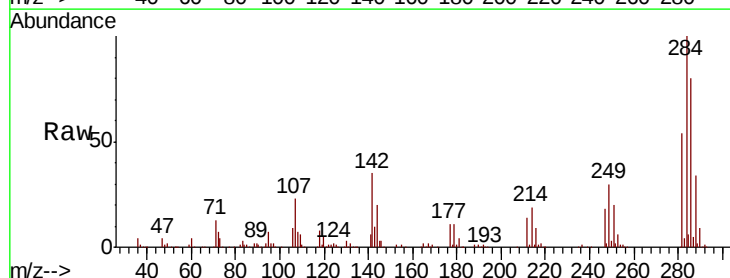


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

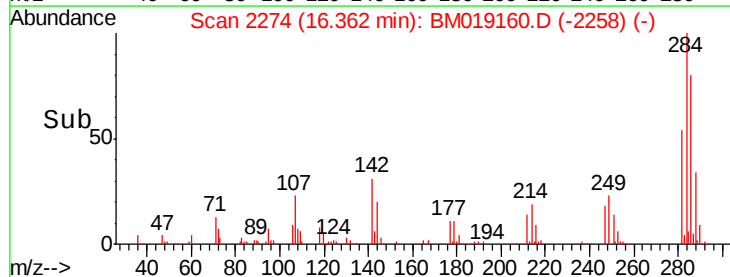
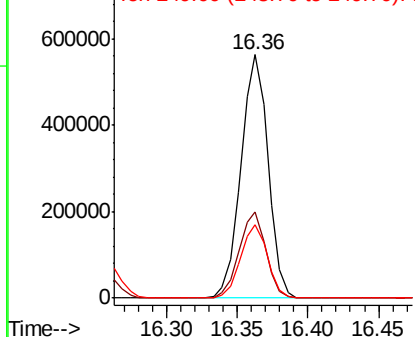


#68
Hexachlorobenzene
Concen: 39.721 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion:284 Resp: 753357
Ion Ratio Lower Upper
284 100
142 35.2 26.3 39.5
249 30.0 24.1 36.1



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





#69

Atrazine

Concen: 40.393 ng

RT: 16.54 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

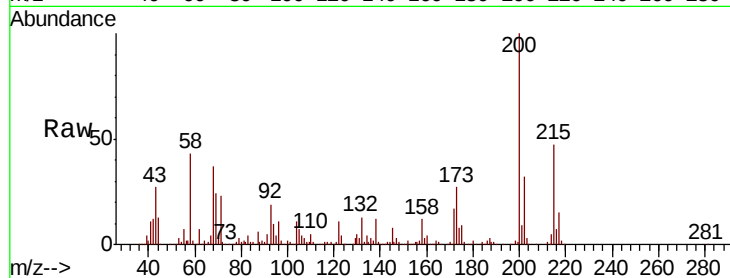
Tot Ion:200 Resp: 626229

Ion Ratio Lower Upper

200 100

173 27.3 7.0 47.0

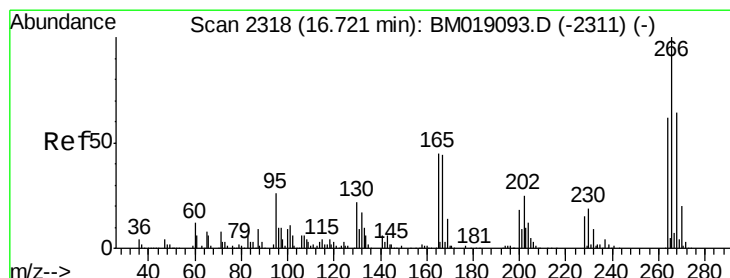
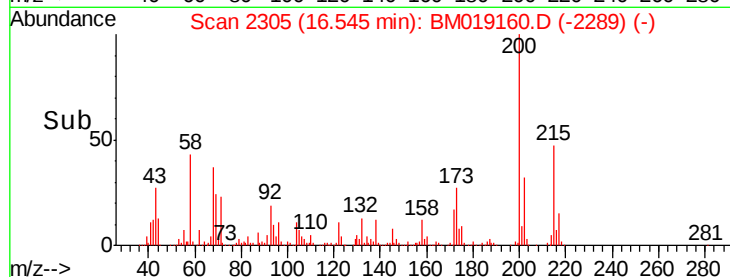
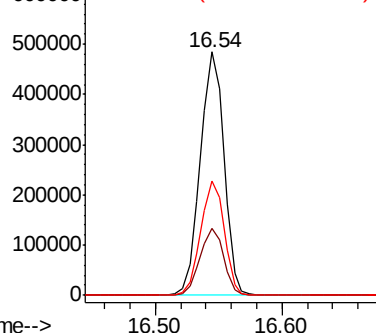
215 47.2 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 39.674 ng

RT: 16.72 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

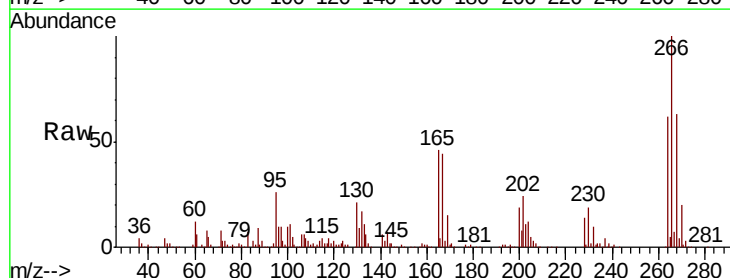
Tgt Ion:266 Resp: 453341

Ion Ratio Lower Upper

266 100

268 63.2 51.3 76.9

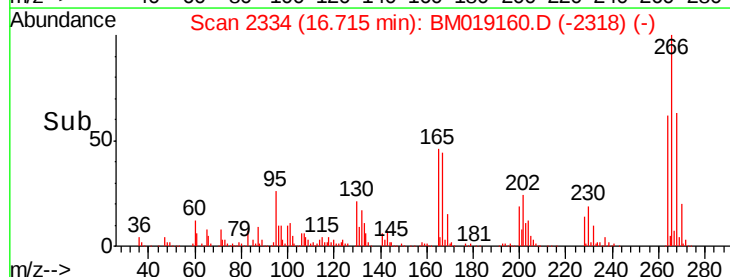
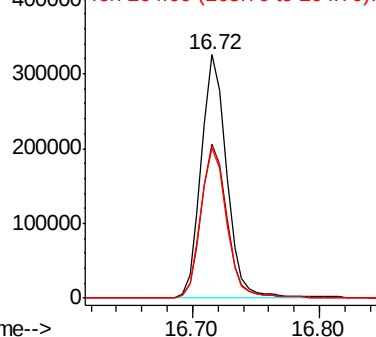
264 61.9 50.0 75.0

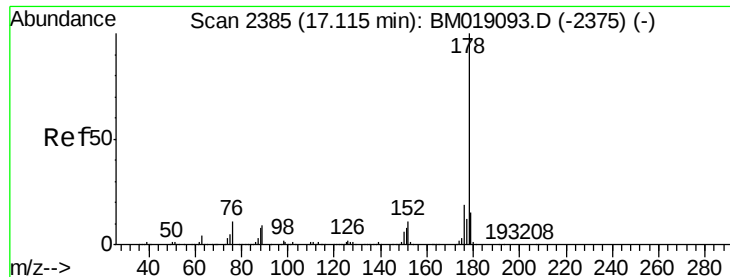


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

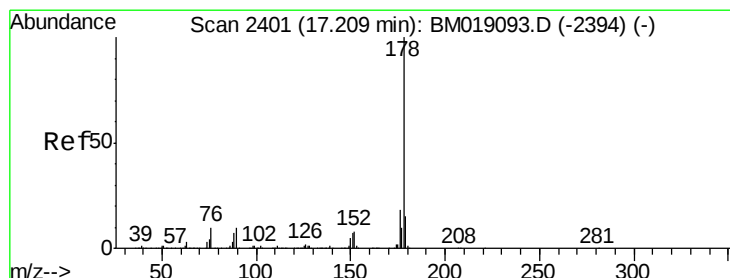
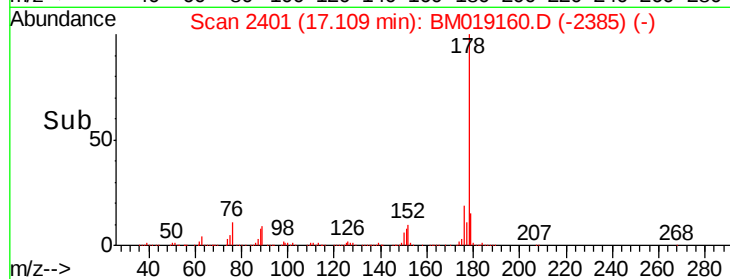
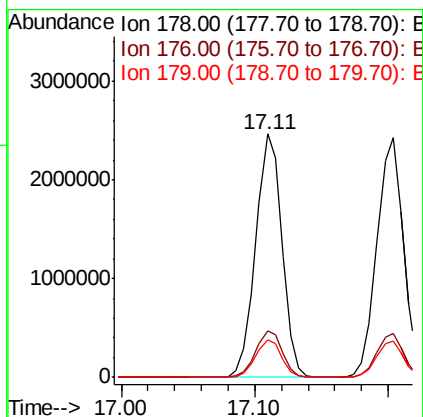
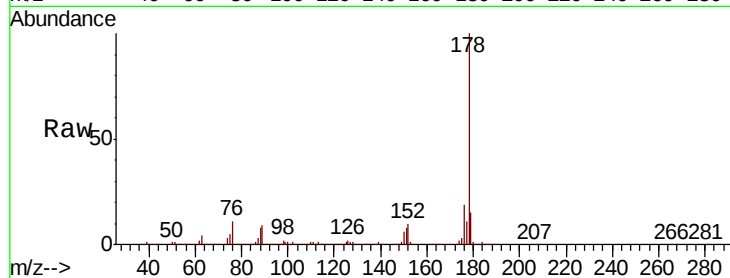




#71
Phenanthrene
Concen: 39.328 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

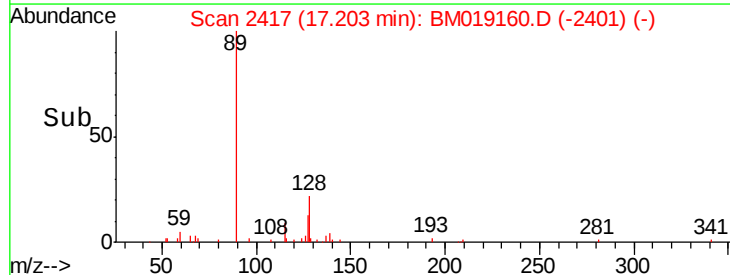
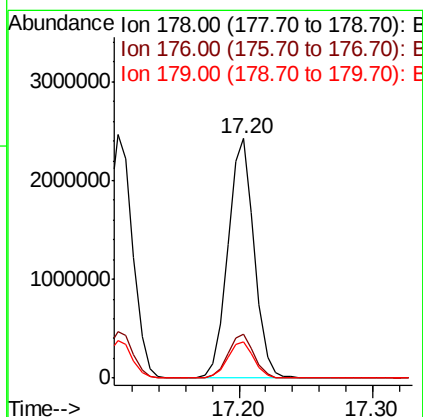
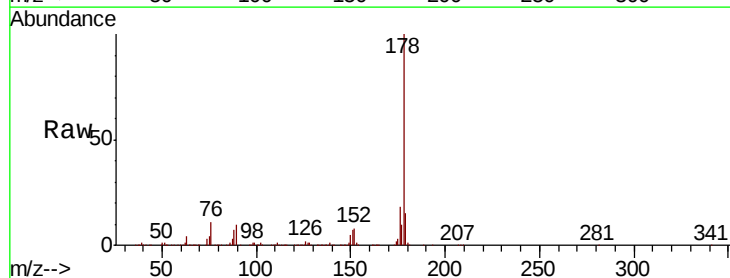
Instrument :
BNA_M
ClientSampleId :

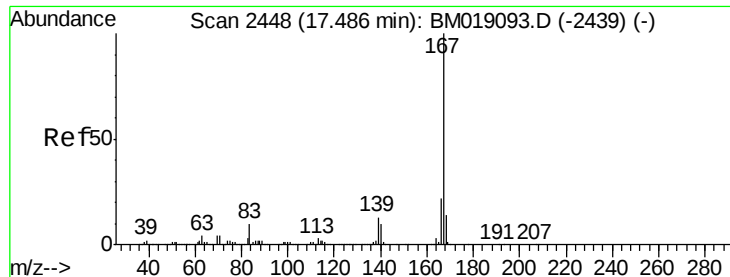
Tot Ion:178 Resp: 3334699
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.2 12.2 18.2



#72
Anthracene
Concen: 39.917 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion:178 Resp: 3313473
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.2 11.9 17.9





#73

Carbazole

Concen: 40.305 ng

RT: 17.49 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

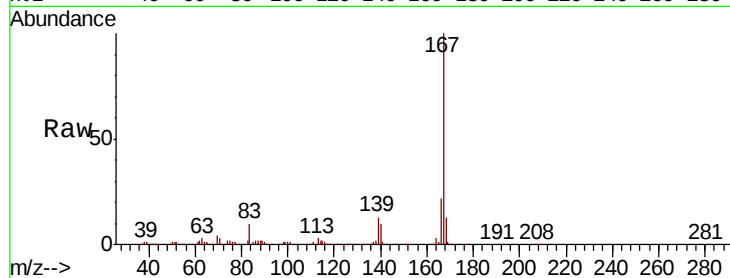
Tot Ion:167 Resp: 3157695

Ion Ratio Lower Upper

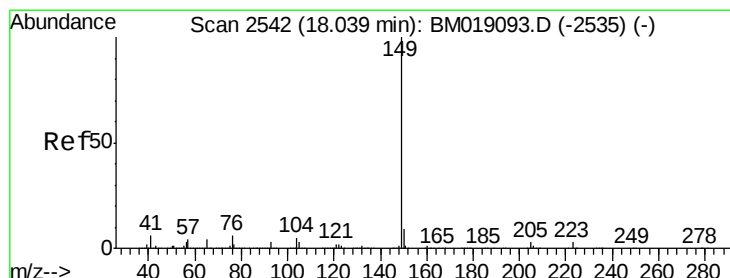
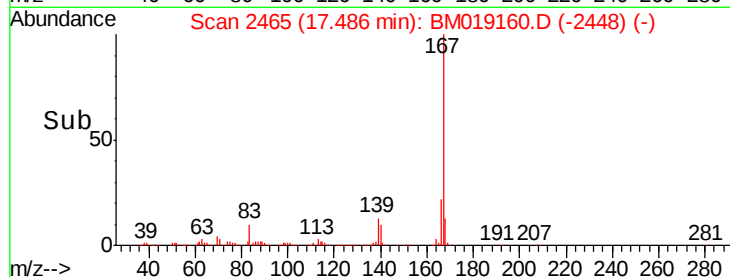
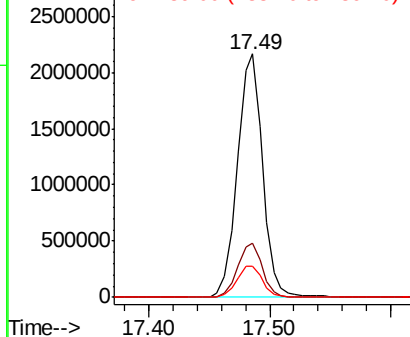
167 100

166 22.1 17.8 26.8

139 12.9 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: 40.984 ng

RT: 18.03 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

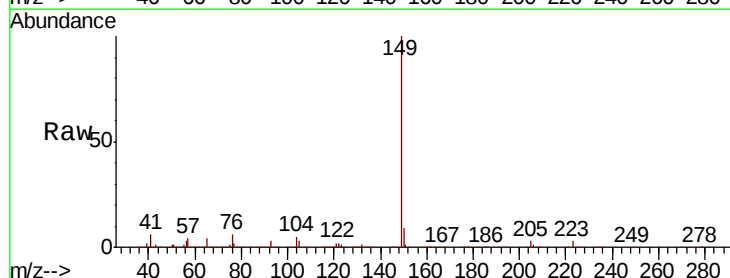
Tgt Ion:149 Resp: 3882821

Ion Ratio Lower Upper

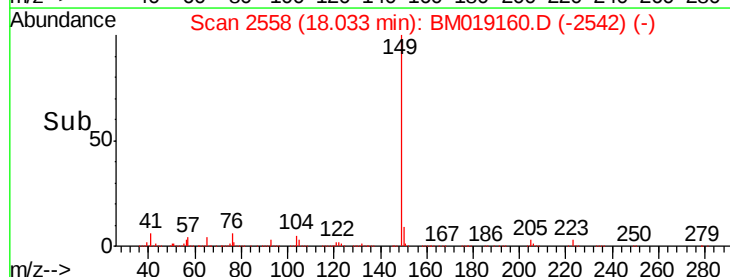
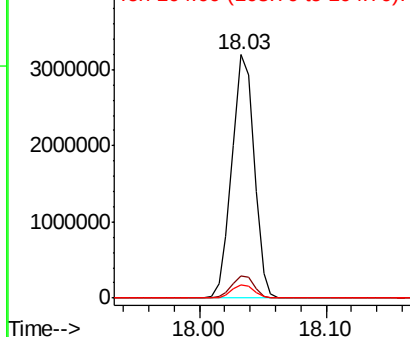
149 100

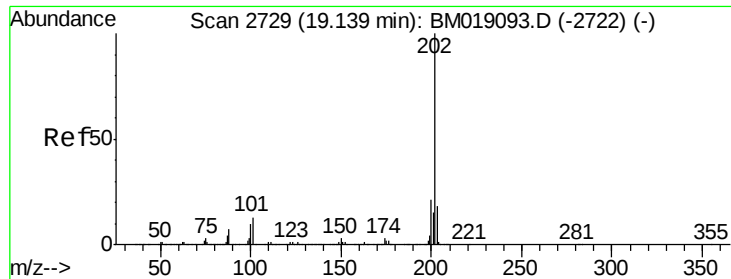
150 9.2 7.4 11.0

104 5.4 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: 39.516 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

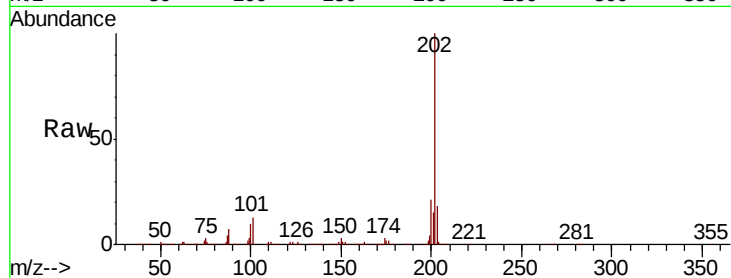
Tot Ion:202 Resp: 3844763

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.0

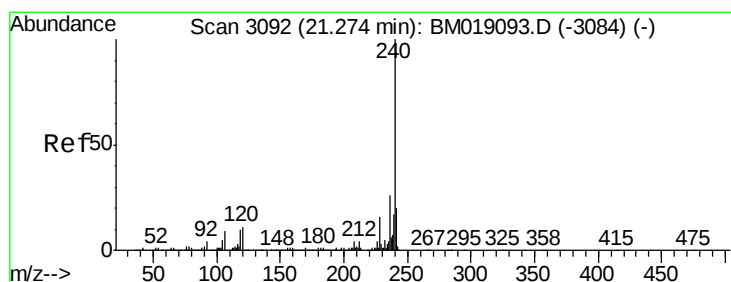
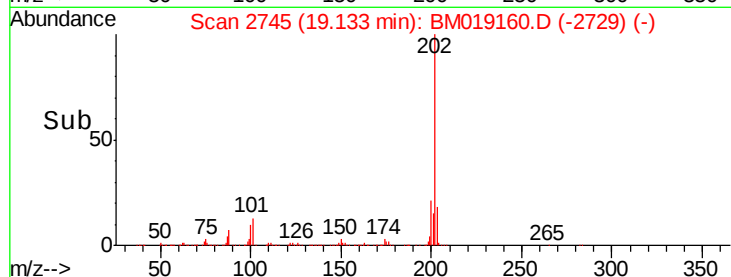
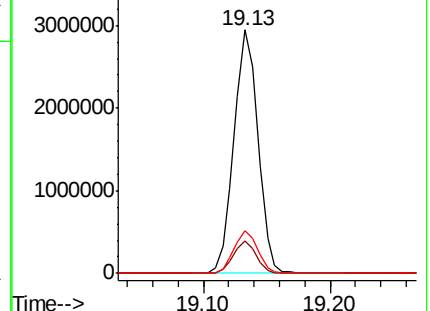
203 17.6 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

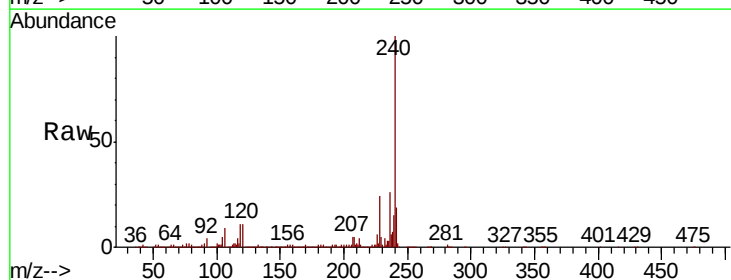
Tgt Ion:240 Resp: 1565362

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

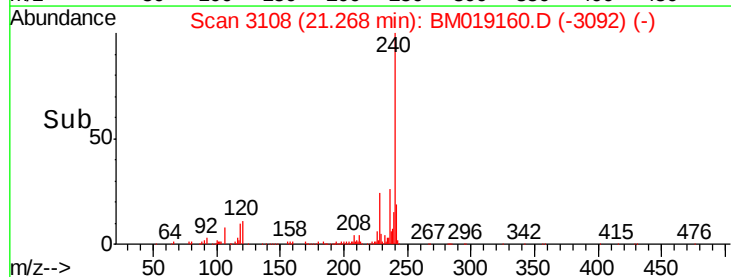
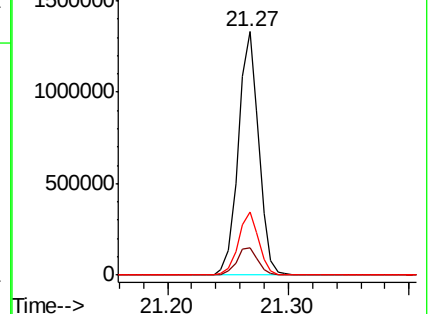
236 25.7 21.0 31.4

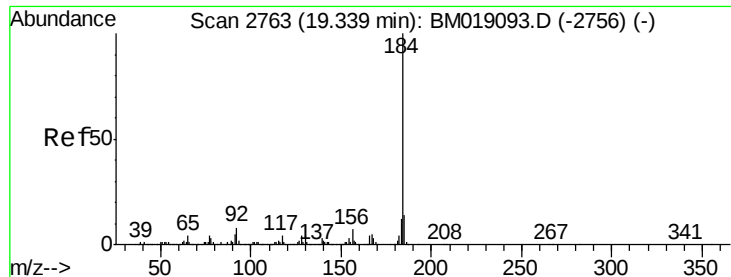


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.418 ng

RT: 19.34 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

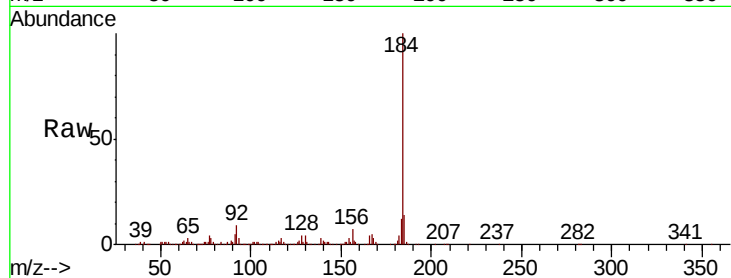
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 2327088

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.0	16.4
183	12.0	9.8	14.6

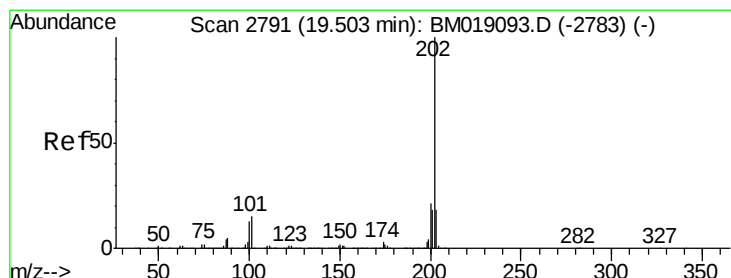
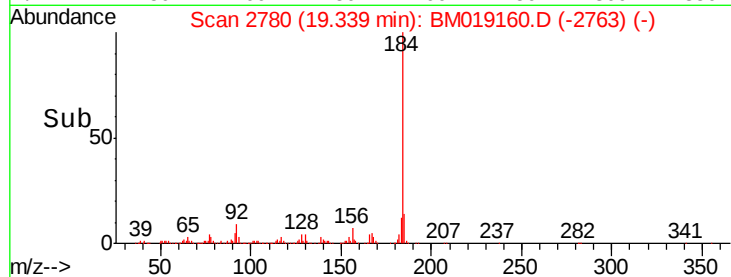
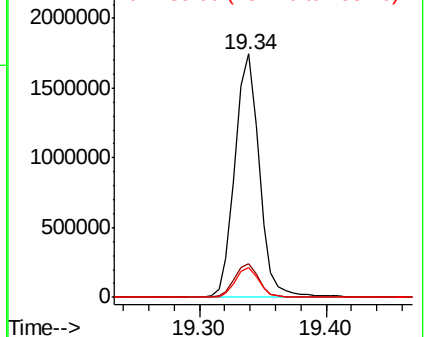


Abundance

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: 39.942 ng

RT: 19.50 min Scan# 2807

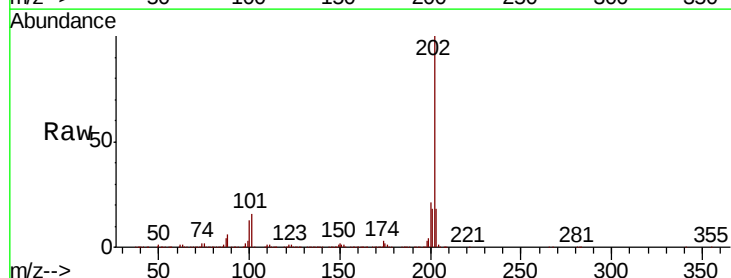
Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Tgt Ion:202 Resp: 3955920

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.8	14.0	21.0

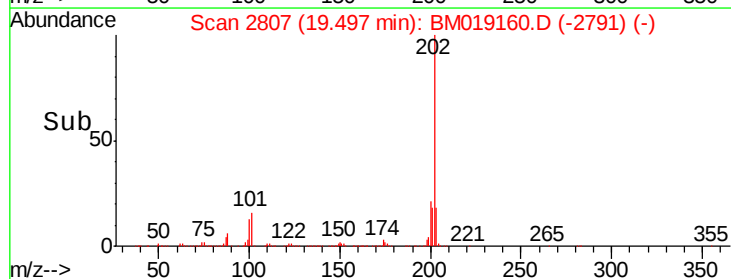
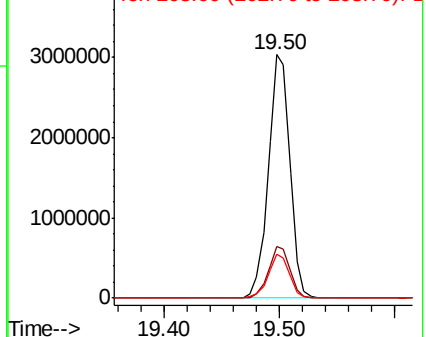


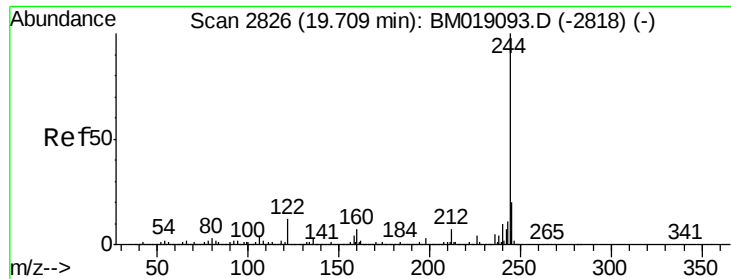
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.513 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

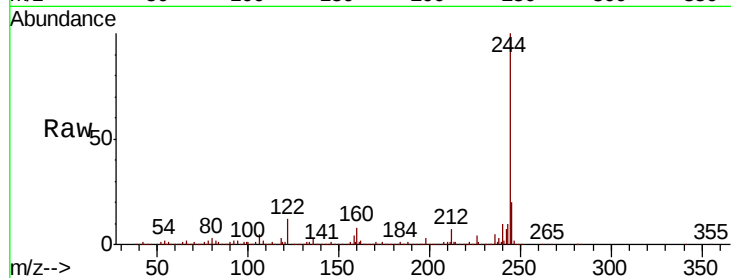
Tot Ion:244 Resp: 6348510

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

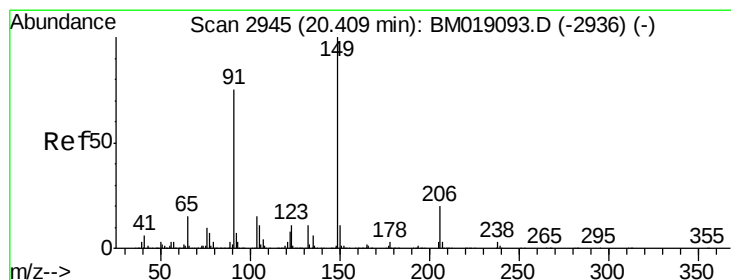
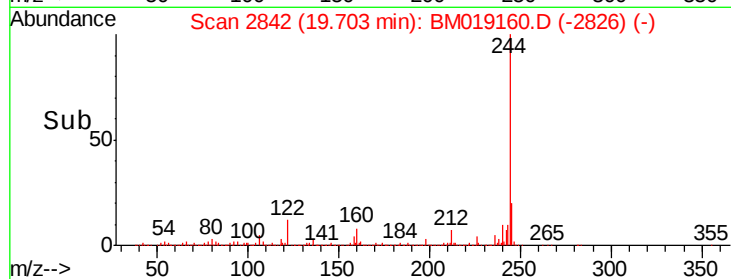
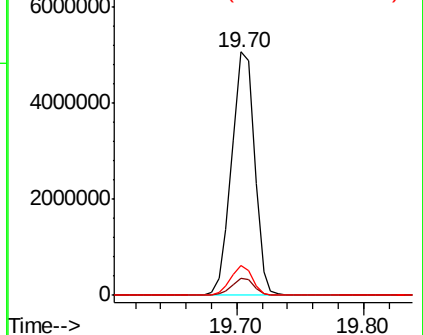
122 12.1 9.4 14.2



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: 42.268 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

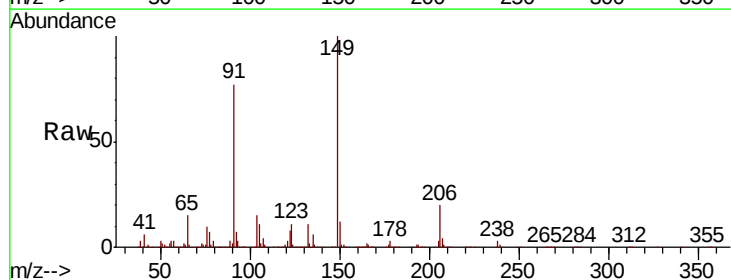
Tgt Ion:149 Resp: 1823358

Ion Ratio Lower Upper

149 100

91 76.6 60.1 90.1

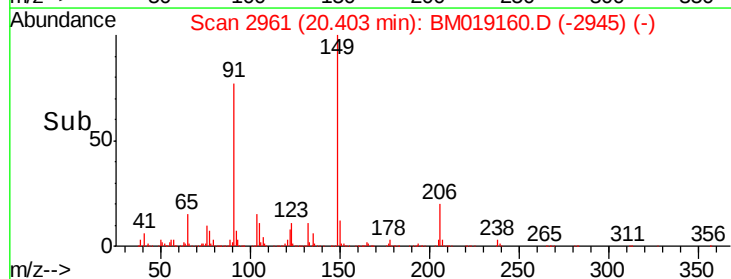
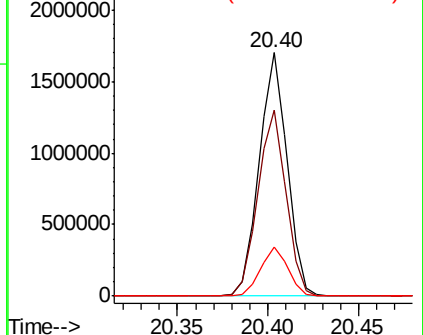
206 20.0 16.2 24.2

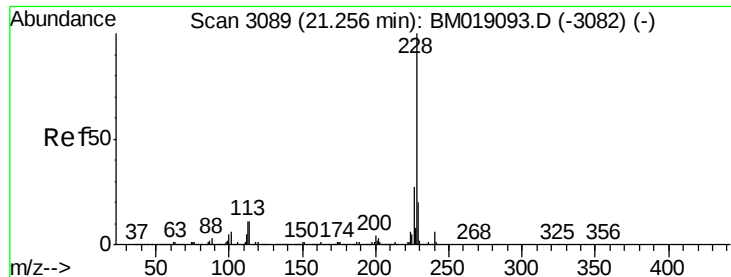


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.333 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

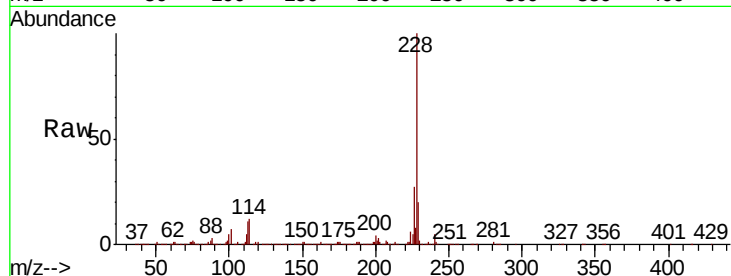
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3862683

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.8
229	19.9	15.8	23.6

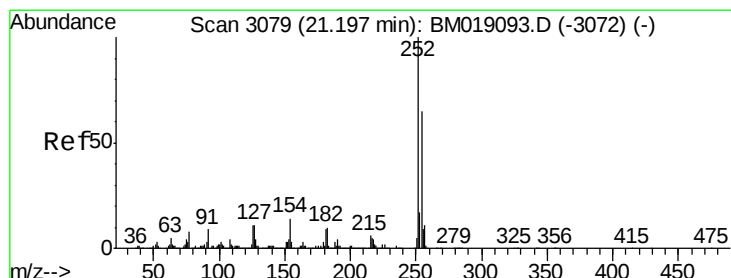
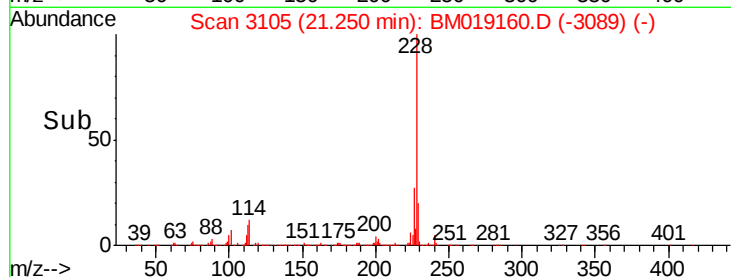
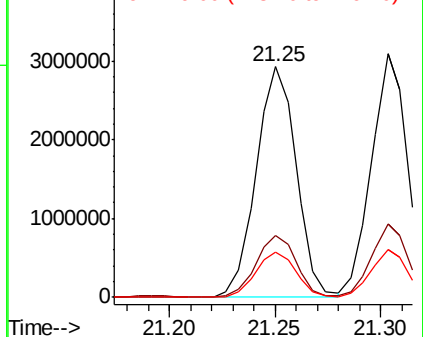


Abundance

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: 39.826 ng

RT: 21.19 min Scan# 3095

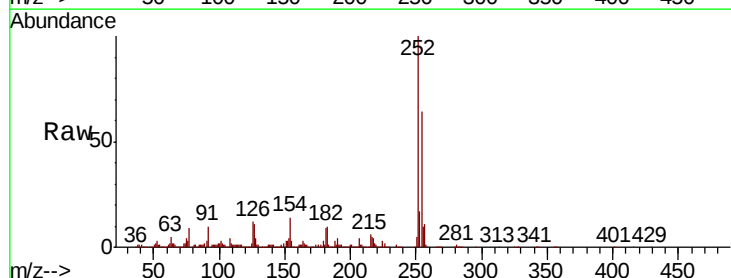
Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Tgt Ion:252 Resp: 1506700

Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.4	78.6
126	11.6	9.0	13.6

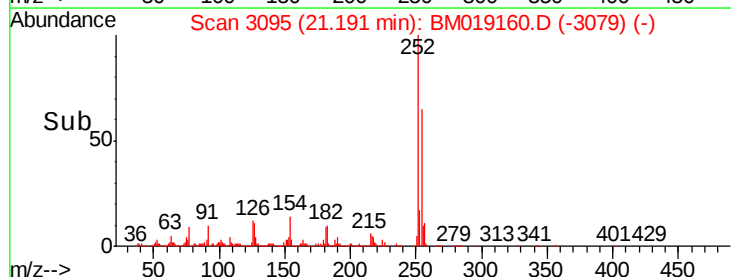
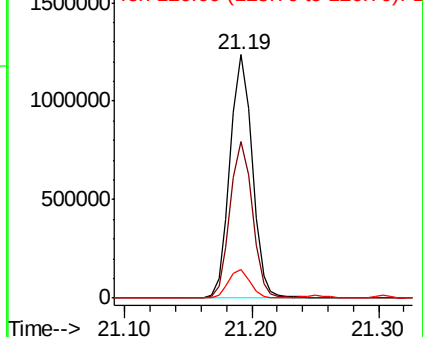


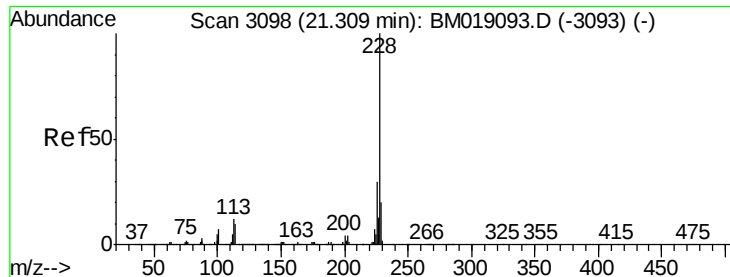
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.848 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Instrument :

BNA_M

ClientSampleId :

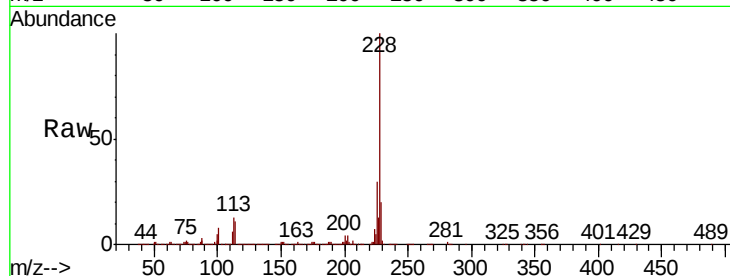
Tot Ion:228 Resp: 3690851

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

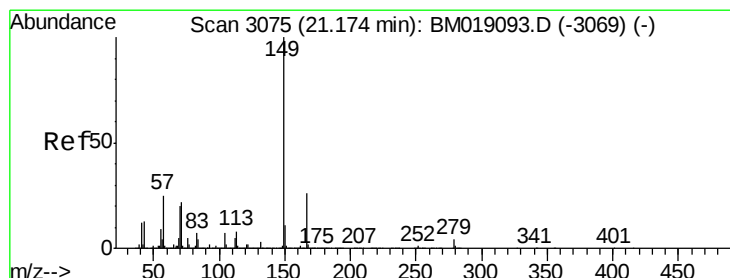
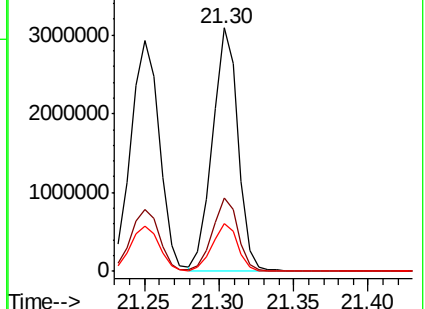
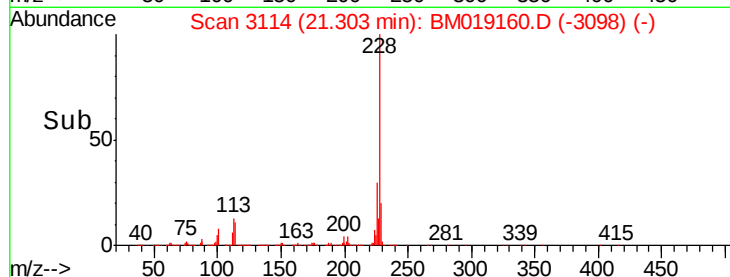
229 19.7 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.071 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

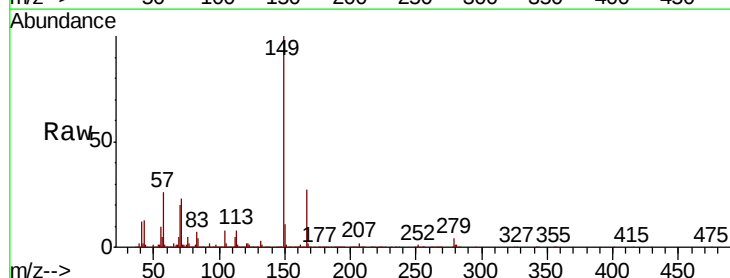
Tgt Ion:149 Resp: 2703103

Ion Ratio Lower Upper

149 100

167 26.8 21.1 31.7

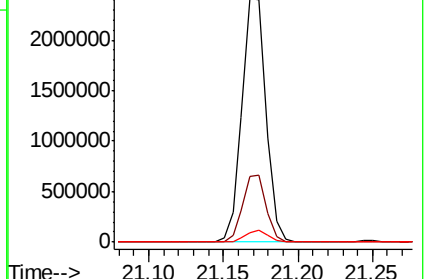
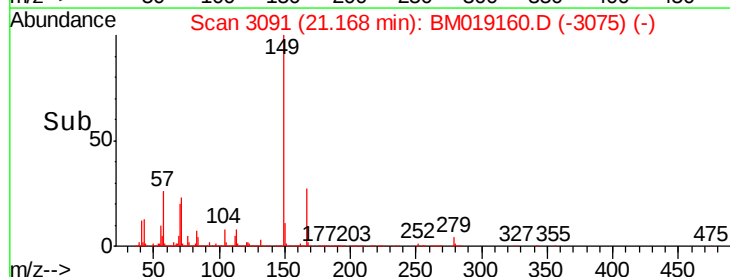
279 4.0 3.2 4.8

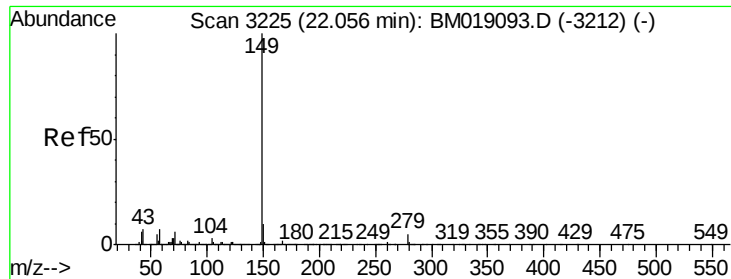


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.735 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

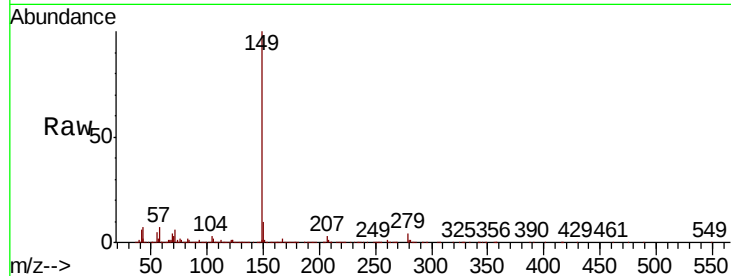
Instrument :

BNA_M

ClientSampled :

Tot Ion:149 Resp: 4621864

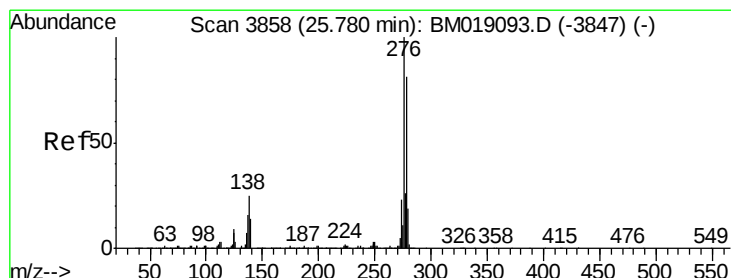
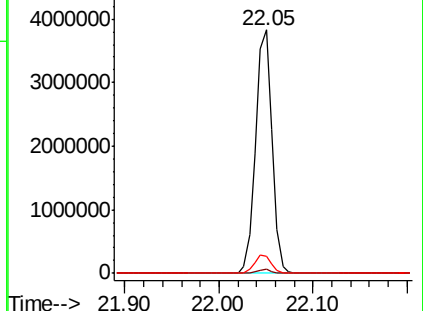
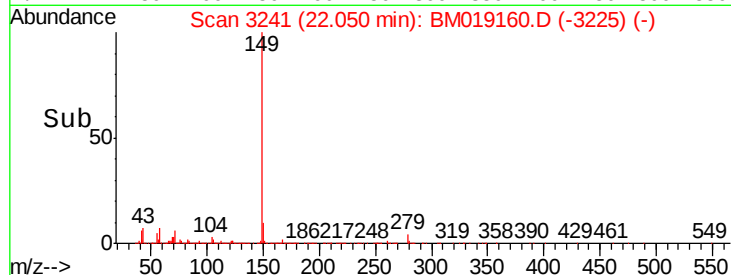
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.1	9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.585 ng

RT: 25.77 min Scan# 3873

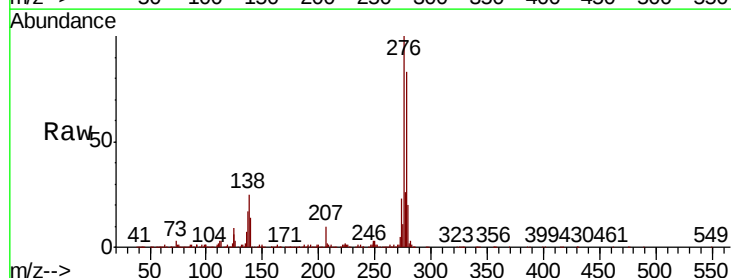
Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Tgt Ion:276 Resp: 3639365

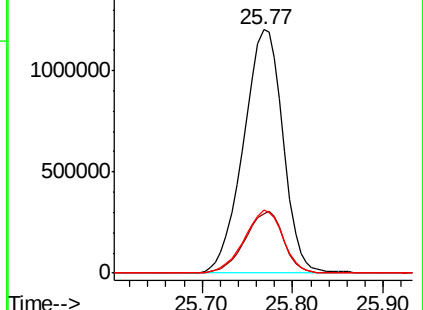
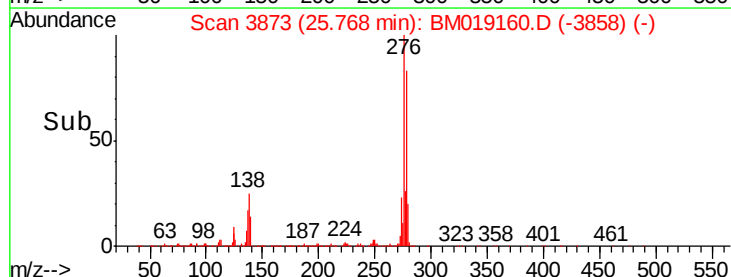
Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.8	29.8
277	25.5	20.3	30.5

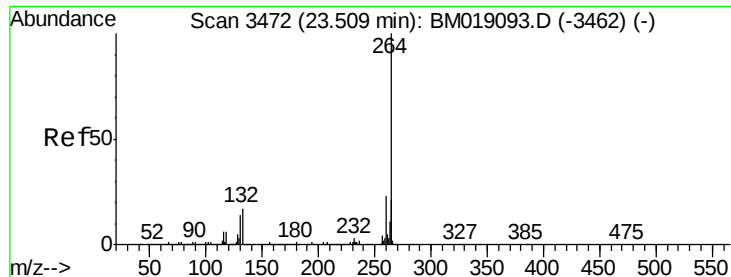


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

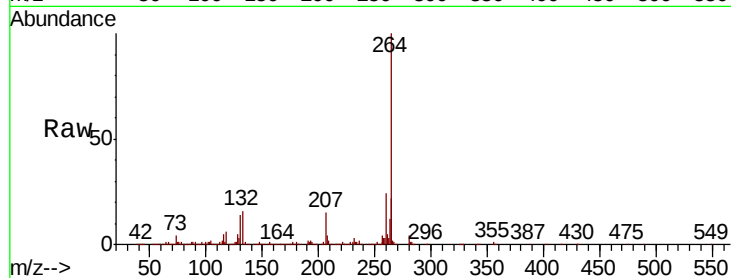
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 1416570

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.7	17.3	25.9

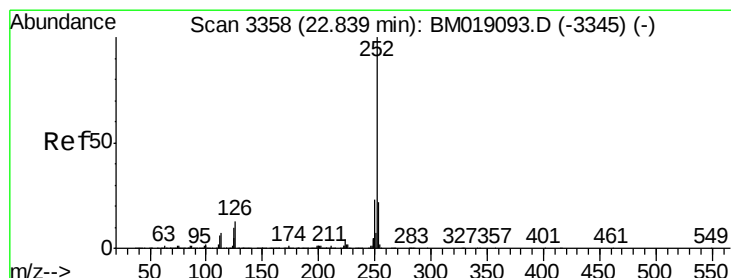
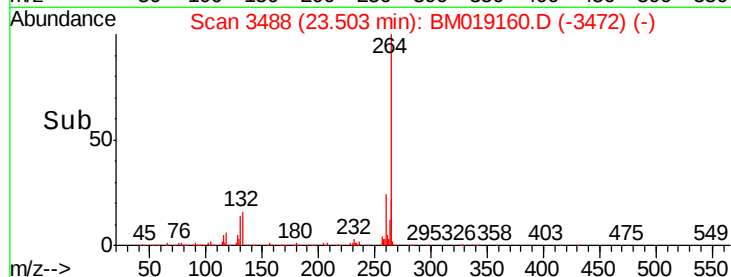
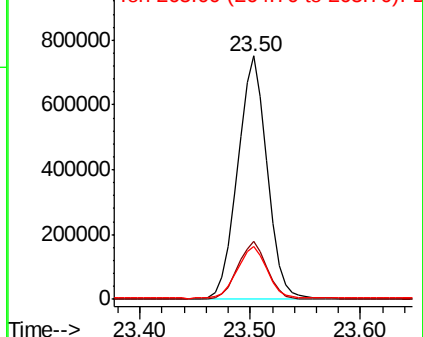


Abundance

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: 40.007 ng

RT: 22.83 min Scan# 3373

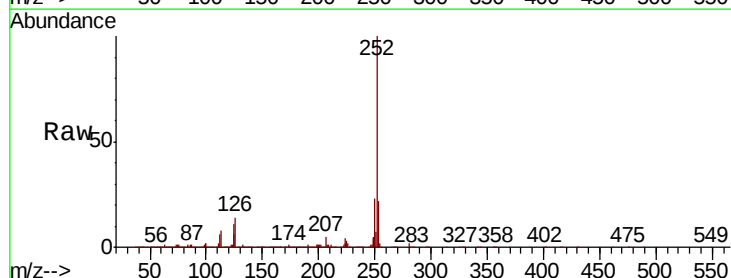
Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Tgt Ion:252 Resp: 3672272

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	11.1	8.1	12.1

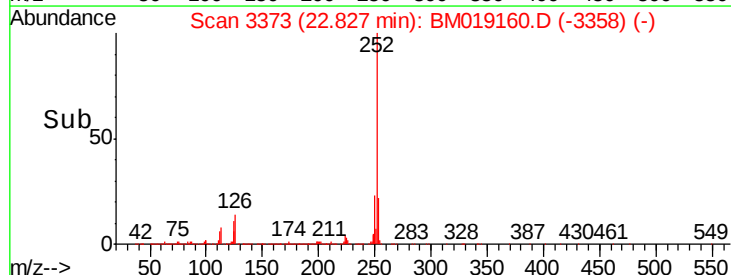
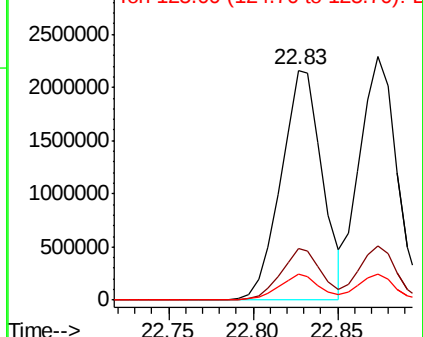


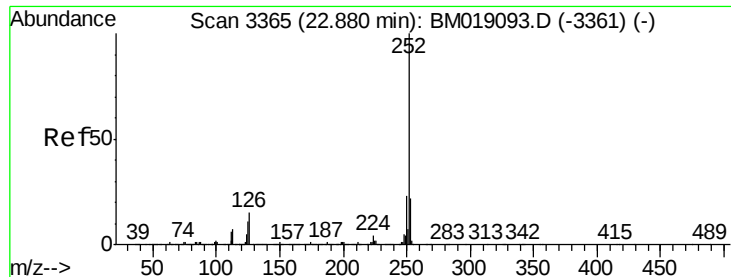
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

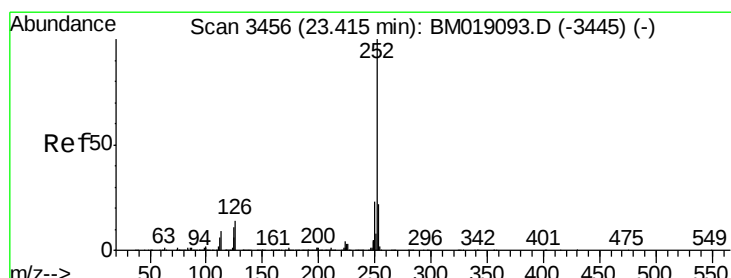
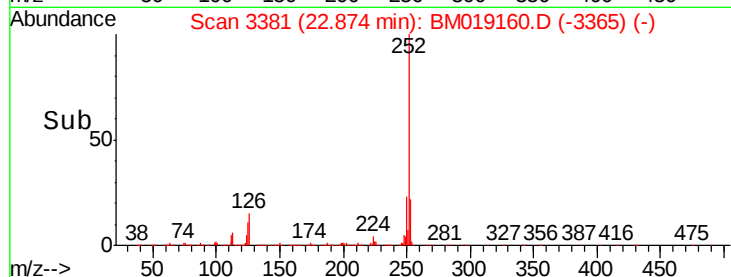
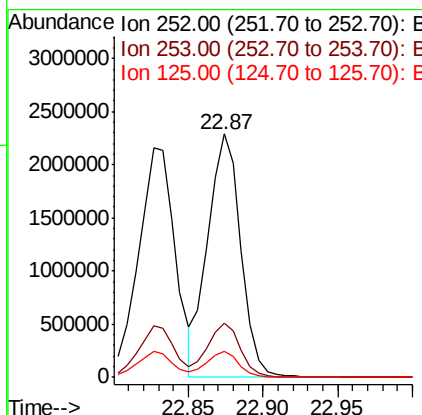
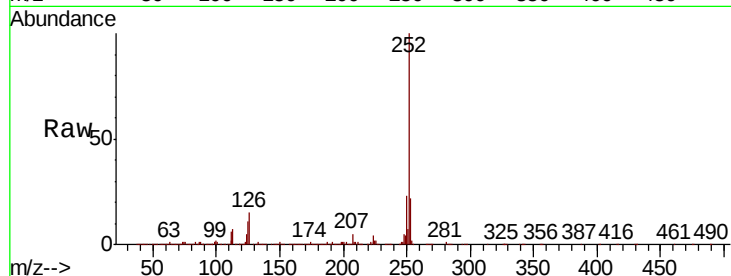




#89
Benzo(k)fluoranthene
Concen: 41.616 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

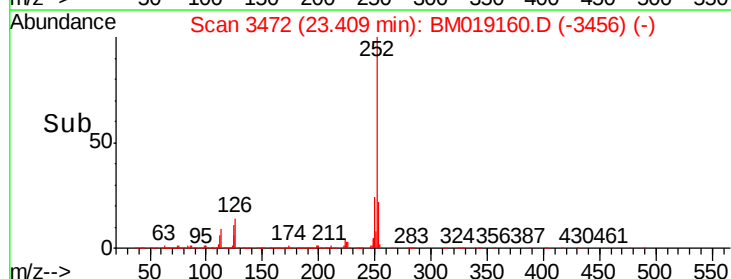
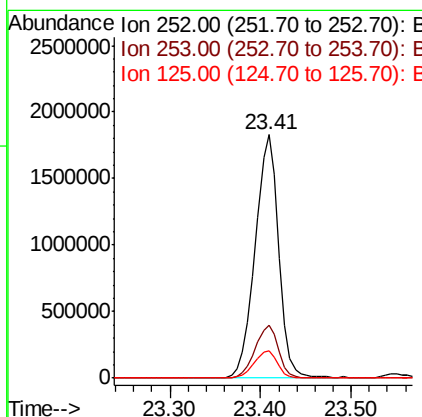
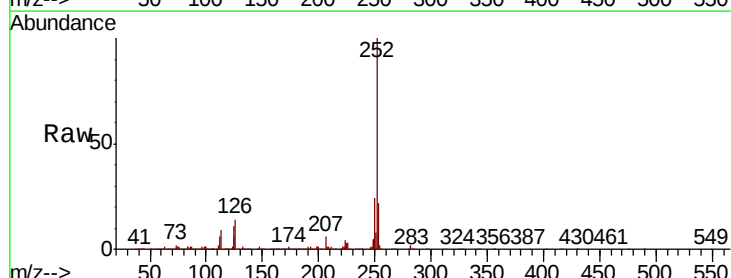
Instrument :
BNA_M
ClientSampleId :

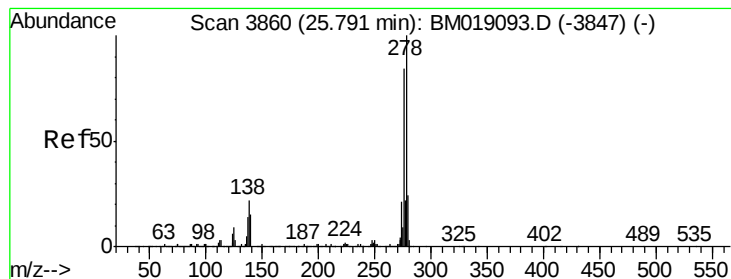
Tot Ion:252 Resp: 3513479
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.7 8.8 13.2



#90
Benzo(a)pyrene
Concen: 39.791 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM019160.D
Acq: 13 Mar 2019 23:46

Tgt Ion:252 Resp: 3282276
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 11.3 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 38.799 ng

RT: 25.78 min Scan# 3875

Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

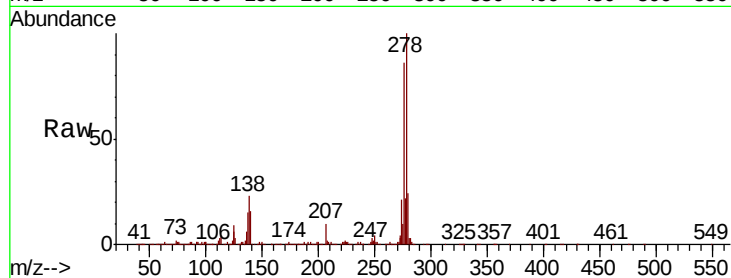
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 3061592

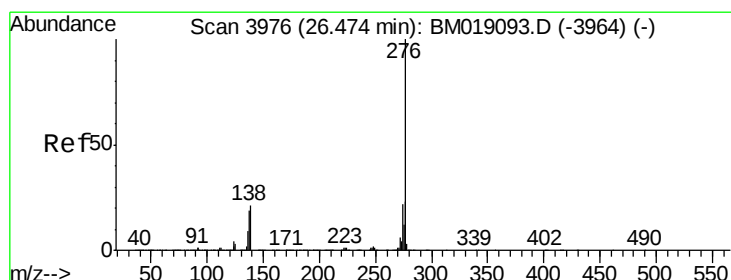
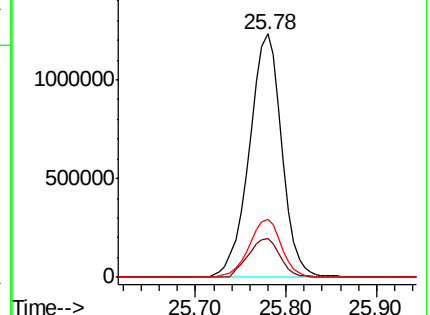
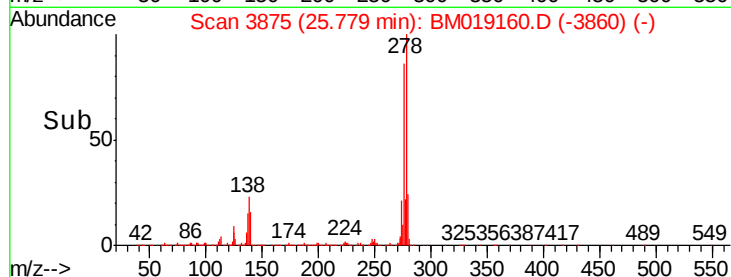
Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.3	18.5
279	23.7	18.9	28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.578 ng

RT: 26.46 min Scan# 3991

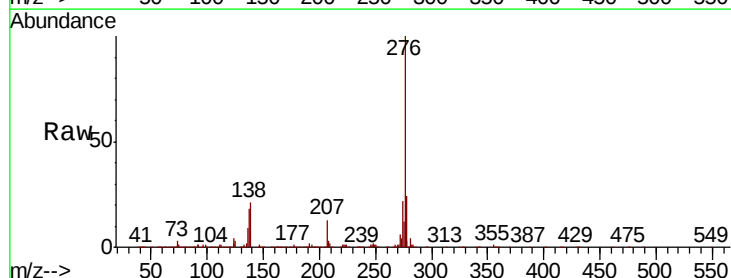
Delta R.T. -0.01 min

Lab File: BM019160.D

Acq: 13 Mar 2019 23:46

Tgt Ion:276 Resp: 2794777

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.1	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

