

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019004.D
 Acq On : 04 Mar 2019 11:52
 Operator : JU/SJ
 Sample : PB117506BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:31:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	259392	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1057955	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	576744	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1152980	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	817863	20.00	ng	-0.02
87) Perylene-d12	23.53	264	778862	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2232863	141.04	ng	-0.02
7) Phenol-d6	6.86	99	3033707	136.03	ng	-0.02
23) Nitrobenzene-d5	8.85	82	1773693	77.52	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1048111	126.07	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	3514426	80.89	ng	-0.03
79) Terphenyl-d14	19.72	244	4123871	104.02	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	267857	38.846	ng	99
3) Pyridine	3.63	79	726354	38.619	ng	99
4) n-Nitrosodimethylamine	3.55	42	229064	47.874	ng	94
6) Aniline	7.03	93	989515	36.212	ng	99
8) 2-Chlorophenol	7.25	128	798164	45.921	ng	99
9) Benzaldehyde	6.84	77	573998	50.404	ng	98
10) Phenol	6.89	94	1060422	45.189	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	744098	41.568	ng	99
12) 1,3-Dichlorobenzene	7.57	146	799038	40.883	ng	96
13) 1,4-Dichlorobenzene	7.72	146	819279	41.176	ng	100
14) 1,2-Dichlorobenzene	8.03	146	789757	41.322	ng	99
15) Benzyl Alcohol	7.93	79	757620	42.752	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	738424	42.621	ng	98
17) 2-Methylphenol	8.13	107	669916	44.853	ng	98
18) Hexachloroethane	8.74	117	302572	41.657	ng	97
19) n-Nitroso-di-n-propylamine	8.49	70	691410	40.040	ng	99
20) 3+4-Methylphenols	8.46	107	906830	43.969	ng	99
22) Acetophenone	8.51	105	1141178	39.279	ng	# 99
24) Nitrobenzene	8.89	77	979385	41.238	ng	99
25) Isophorone	9.41	82	1703796	46.669	ng	99
26) 2-Nitrophenol	9.59	139	414164	43.790	ng	100
27) 2,4-Dimethylphenol	9.65	122	716188	51.845	ng	100
28) bis(2-Chloroethoxy)methane	9.89	93	1023142	43.338	ng	99
29) 2,4-Dichlorophenol	10.12	162	716091	45.146	ng	100
30) 1,2,4-Trichlorobenzene	10.33	180	756014	41.271	ng	99
31) Naphthalene	10.52	128	2290875	44.399	ng	99
32) Benzoic acid	9.82	122	447088	37.102	ng	94
33) 4-Chloroaniline	10.65	127	384238	16.659	ng	99
34) Hexachlorobutadiene	10.78	225	410037	38.564	ng	99
35) Caprolactam	11.46	113	122045	18.853	ng	95
36) 4-Chloro-3-methylphenol	11.77	107	785469	41.072	ng	98
37) 2-Methylnaphthalene	12.13	142	1666933	45.886	ng	99
38) 1-Methylnaphthalene	12.36	142	1572817	44.275	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	783601	42.473	ng	99

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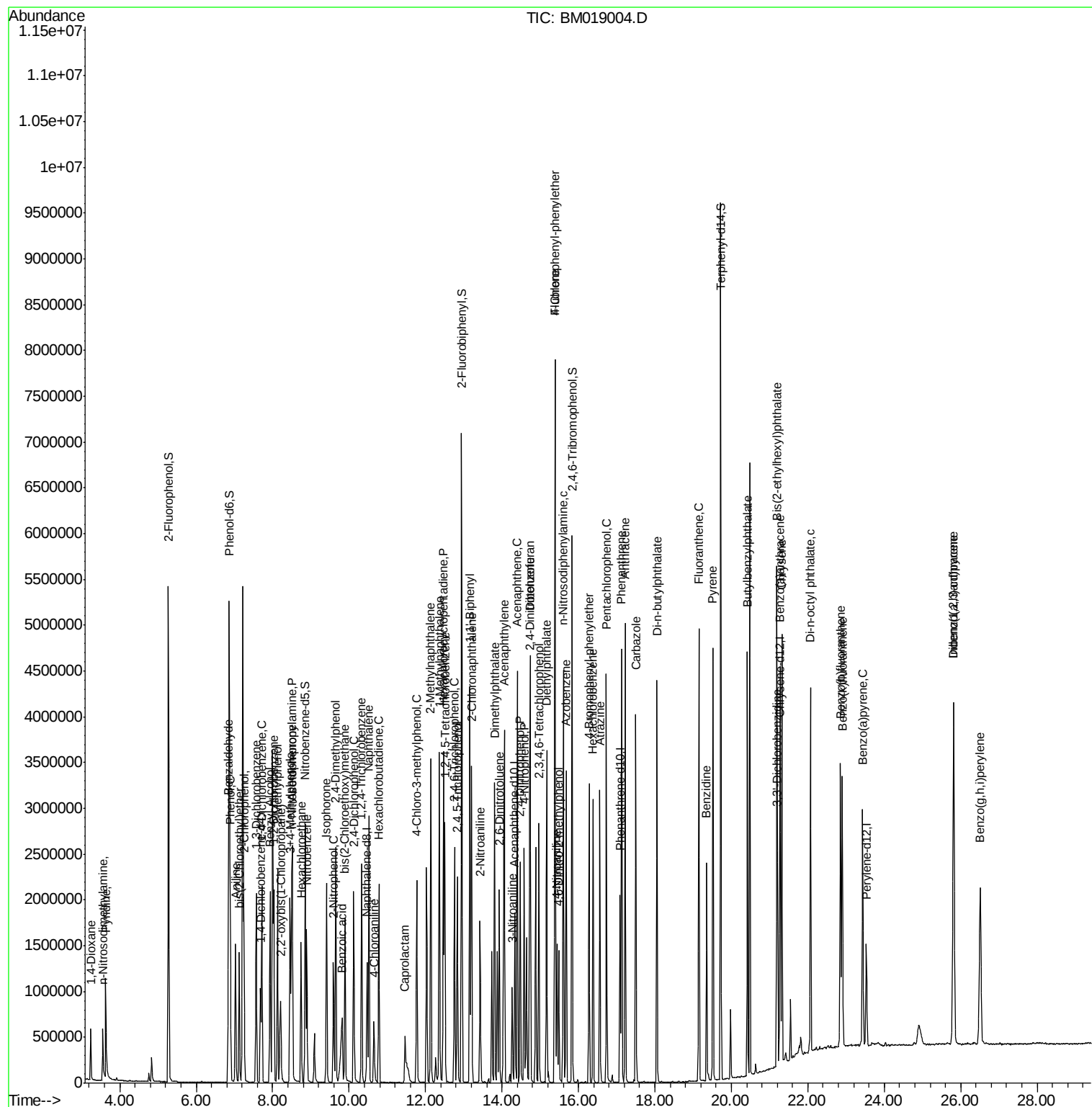
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	974693	103.331	ng	99
43) 2,4,6-Trichlorophenol	12.76	196	548737	44.928	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	574616	44.887	ng	98
46) 1,1'-Biphenyl	13.16	154	2108066	42.463	ng	99
47) 2-Chloronaphthalene	13.20	162	1629855	42.505	ng	100
48) 2-Nitroaniline	13.43	65	528292	41.483	ng	99
49) Acenaphthylene	14.06	152	2581625	45.215	ng	99
50) Dimethylphthalate	13.80	163	1977622	41.144	ng	99
51) 2,6-Dinitrotoluene	13.93	165	438345	42.100	ng	95
52) Acenaphthene	14.40	154	1492268	42.624	ng	100
53) 3-Nitroaniline	14.26	138	254820	21.660	ng	96
54) 2,4-Dinitrophenol	14.47	184	504768	76.661	ng	98
55) Dibenzofuran	14.74	168	2383771	41.425	ng	98
56) 4-Nitrophenol	14.58	139	681460	72.562	ng	94
57) 2,4-Dinitrotoluene	14.72	165	591378	41.223	ng	98
58) Fluorene	15.39	166	1926668	43.765	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	493259	43.592	ng	99
60) Diethylphthalate	15.17	149	1986357	40.062	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	956152	38.737	ng	99
62) 4-Nitroaniline	15.44	138	382551	33.169	ng	96
63) Azobenzene	15.68	77	2146960	40.385	ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	298432	36.865	ng	98
66) n-Nitrosodiphenylamine	15.60	169	1647961	45.240	ng	100
67) 4-Bromophenyl-phenylether	16.28	248	555419	43.037	ng	99
68) Hexachlorobenzene	16.38	284	643079	42.870	ng	98
69) Atrazine	16.56	200	533900	45.463	ng	99
70) Pentachlorophenol	16.74	266	737845	76.392	ng	99
71) Phenanthrene	17.13	178	2744359	44.290	ng	100
72) Anthracene	17.22	178	2807047	46.543	ng	100
73) Carbazole	17.50	167	2397342	38.047	ng	99
74) Di-n-butylphthalate	18.06	149	3131042	43.207	ng	99
75) Fluoranthene	19.15	202	2715851	37.944	ng	98
77) Benzidine	19.36	184	1284863	69.756	ng	100
78) Pyrene	19.52	202	2708106	57.012	ng	99
80) Butylbenzylphthalate	20.42	149	1203534	55.596	ng	99
81) Benzo(a)anthracene	21.27	228	2086166	43.758	ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	584922	31.044	ng	98
83) Chrysene	21.32	228	2008969	43.964	ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	1695665	53.518	ng	99
85) Di-n-octyl phthalate	22.07	149	2502380	46.991	ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	2512478	47.623	ng	100
88) Benzo(b)fluoranthene	22.86	252	2049858	46.000	ng	99
89) Benzo(k)fluoranthene	22.90	252	1896597	42.751	ng	99
90) Benzo(a)pyrene	23.43	252	1951647	46.232	ng	99
91) Dibenzo(a,h)anthracene	25.82	278	2144143	51.266	ng	99
92) Benzo(g,h,i)perylene	26.51	276	2070068	53.165	ng	99

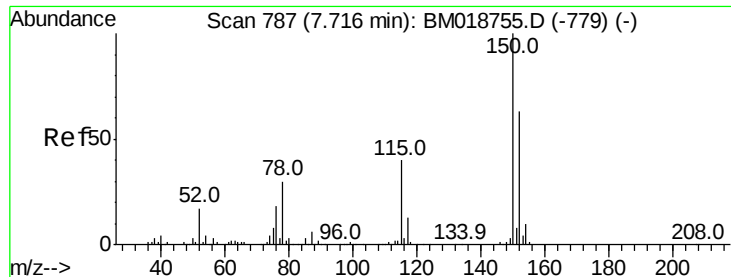
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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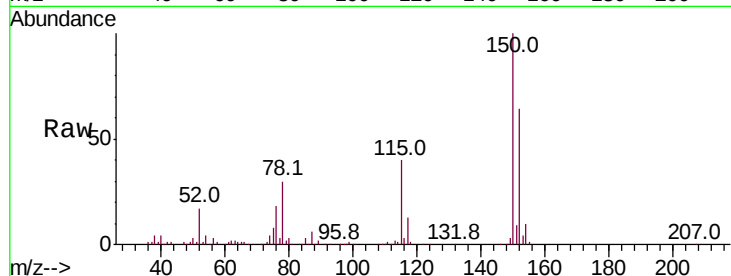


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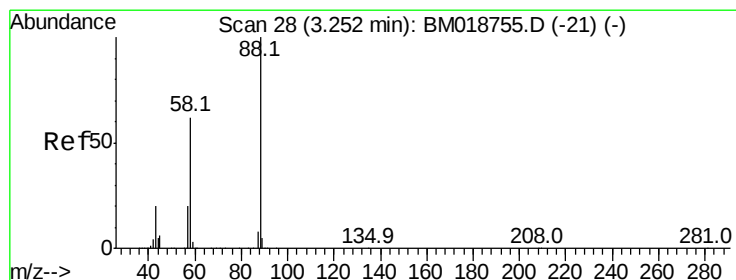
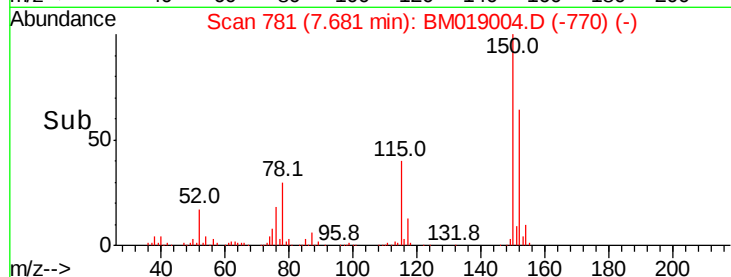
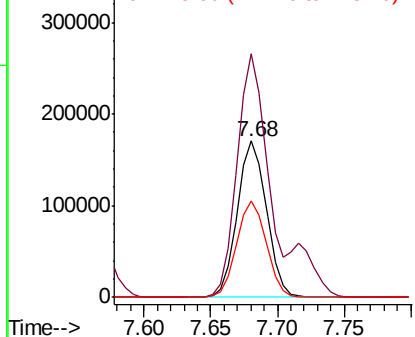
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 259392
Ion Ratio Lower Upper
152 100
150 155.6 127.3 190.9
115 61.8 50.8 76.2



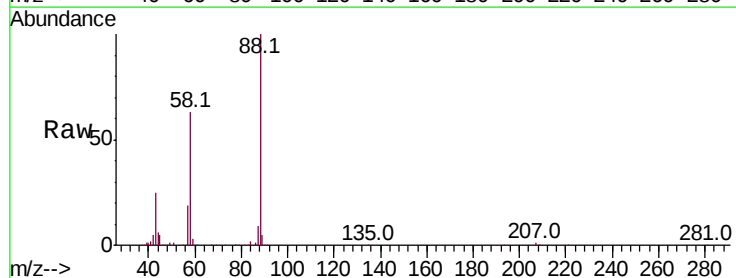
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



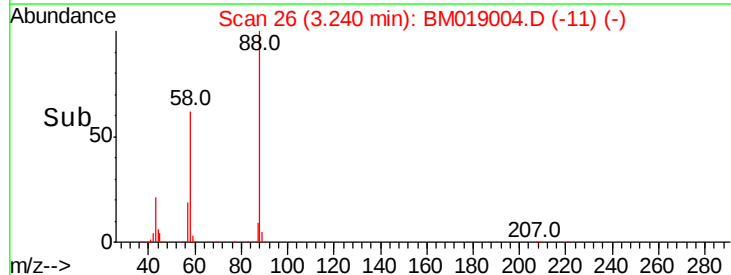
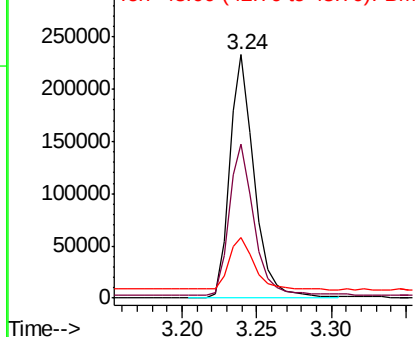
#2

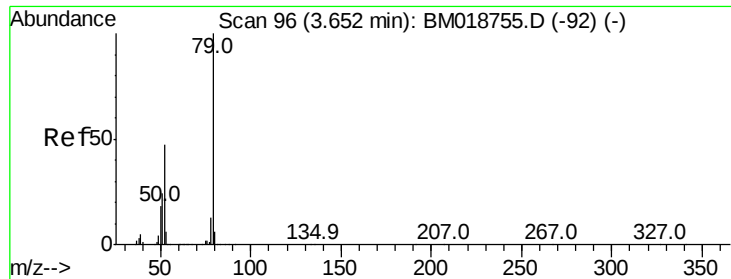
1,4-Dioxane
Concen: 38.846 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.01 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion: 88 Resp: 267857
Ion Ratio Lower Upper
88 100
58 62.7 49.8 74.6
43 22.0 16.7 25.1



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: 38.619 ng

RT: 3.63 min Scan# 93

Delta R.T. -0.02 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

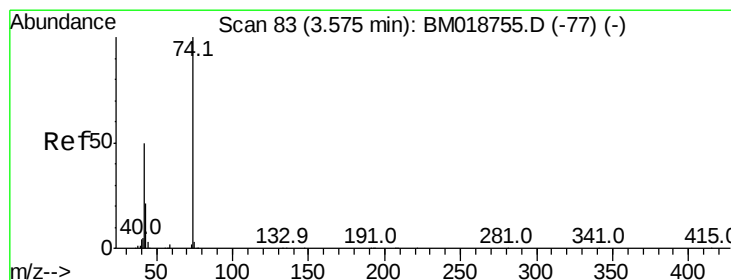
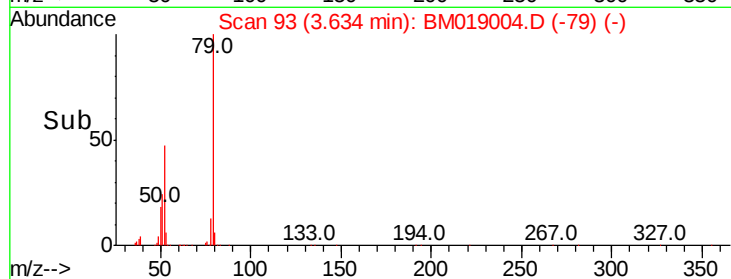
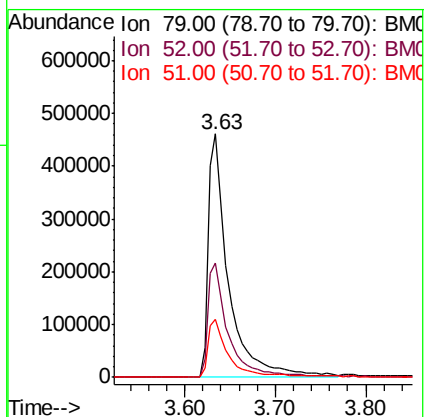
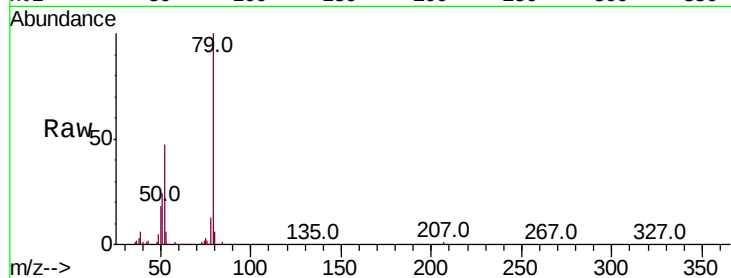
Tot Ion: 79 Resp: 726354

Ion Ratio Lower Upper

79 100

52 46.7 37.6 56.4

51 23.9 19.7 29.5



#4

n-Nitrosodimethylamine

Concen: 47.874 ng

RT: 3.55 min Scan# 79

Delta R.T. -0.02 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

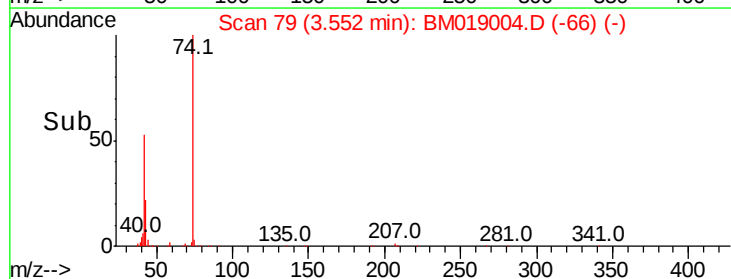
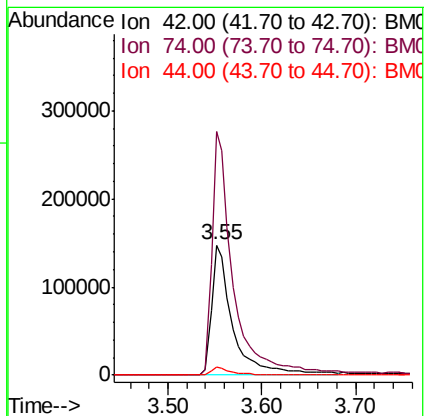
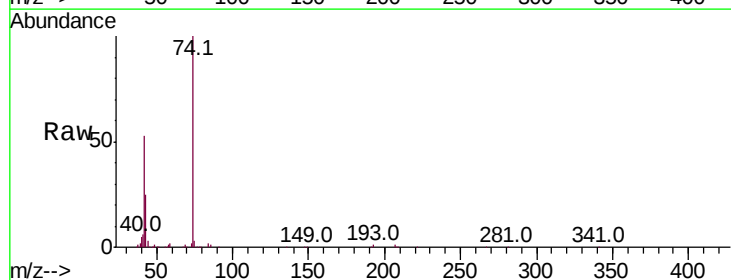
Tgt Ion: 42 Resp: 229064

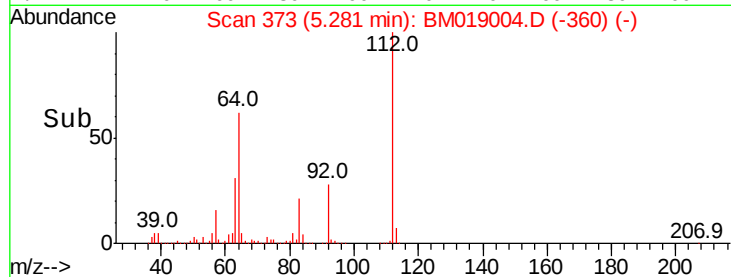
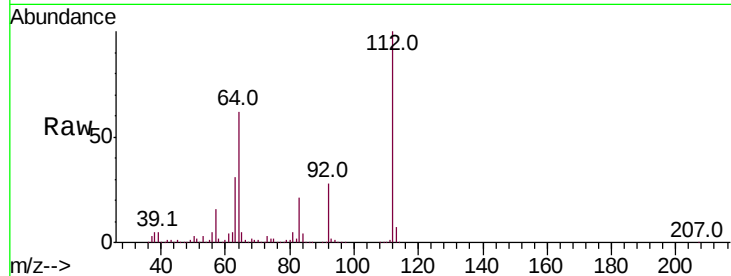
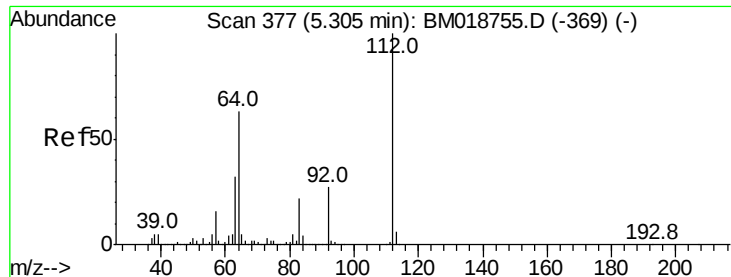
Ion Ratio Lower Upper

42 100

74 187.6 158.1 237.1

44 5.8 4.9 7.3





#5

2-Fluorophenol

Concen: 141.041 ng

RT: 5.28 min Scan# 373

Delta R.T. -0.02 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

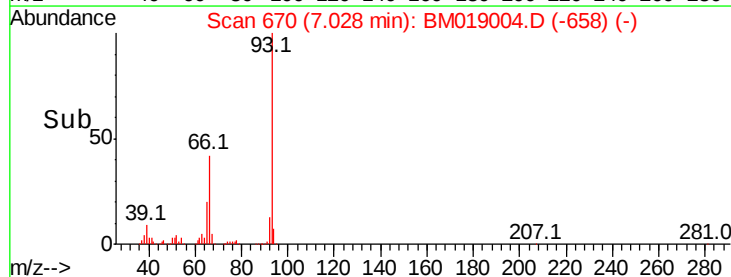
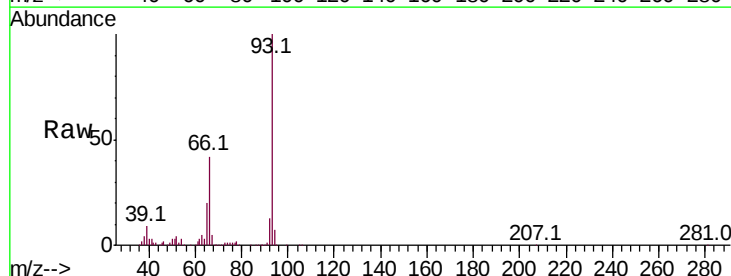
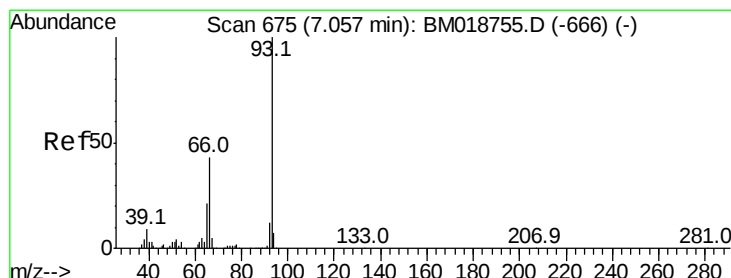
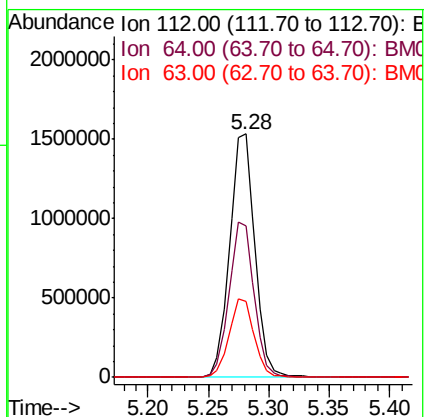
Tot Ion:112 Resp: 2232863

Ion Ratio Lower Upper

112 100

64 62.1 50.6 75.8

63 31.1 25.7 38.5



#6

Aniline

Concen: 36.212 ng

RT: 7.03 min Scan# 670

Delta R.T. -0.03 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

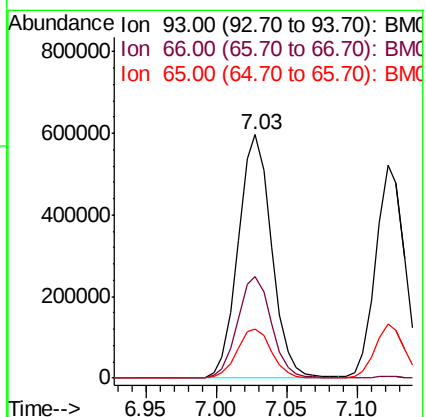
Tgt Ion: 93 Resp: 989515

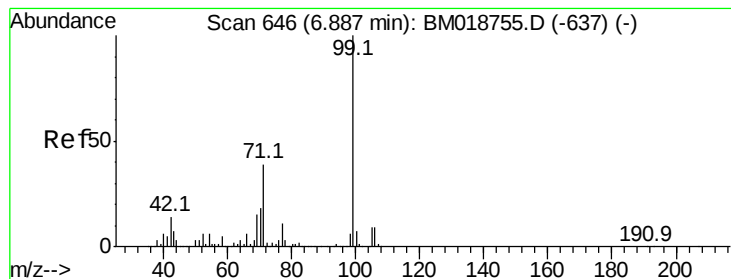
Ion Ratio Lower Upper

93 100

66 41.8 34.1 51.1

65 20.3 16.6 24.8





#7

Phenol-d6

Concen: 136.026 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

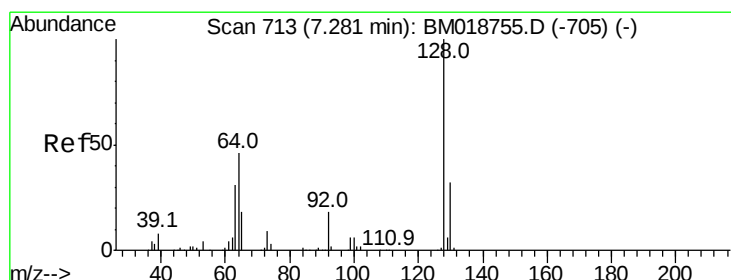
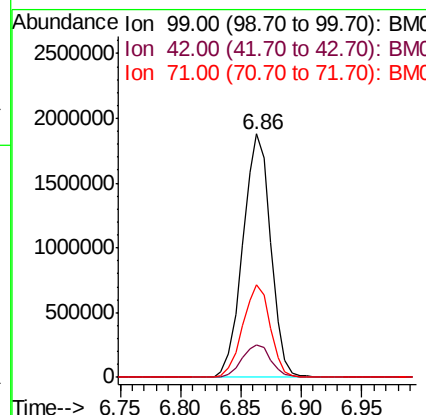
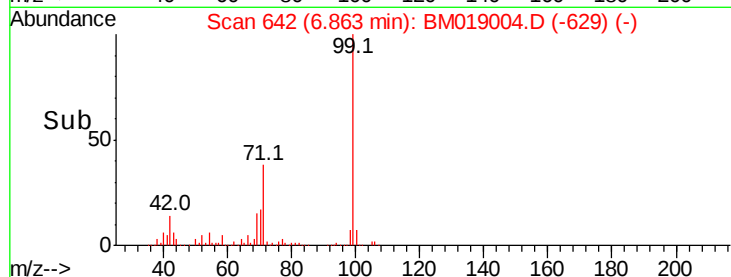
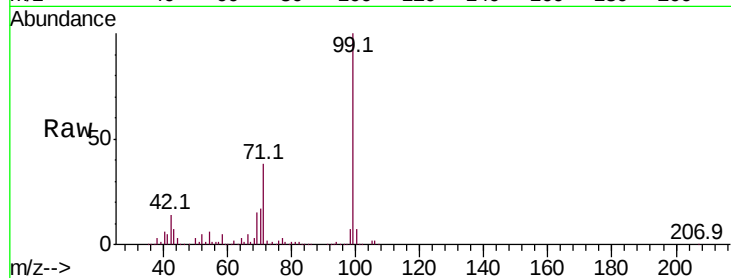
Instrument :

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ClientSampled :

Tot Ion: 99 Resp: 3033707

Ion	Ratio	Lower	Upper
99	100		
42	13.5	11.0	16.6
71	38.0	31.3	46.9



#8

2-Chlorophenol

Concen: 45.921 ng

RT: 7.25 min Scan# 708

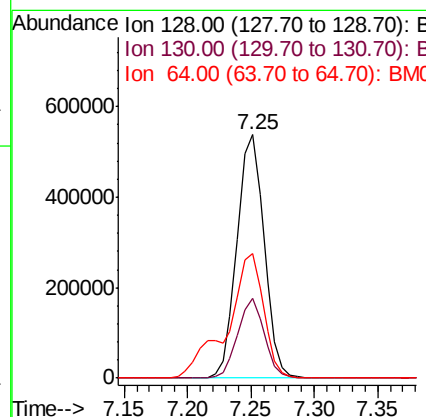
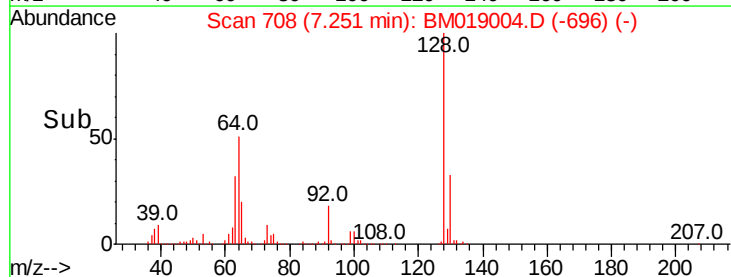
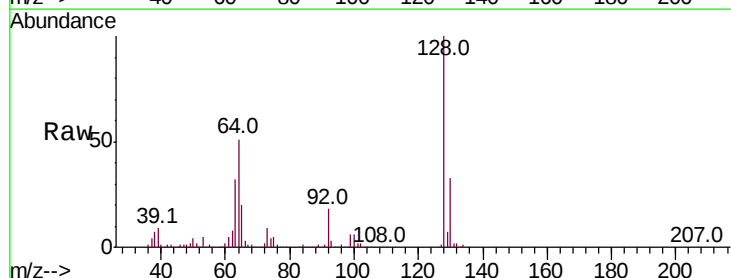
Delta R.T. -0.03 min

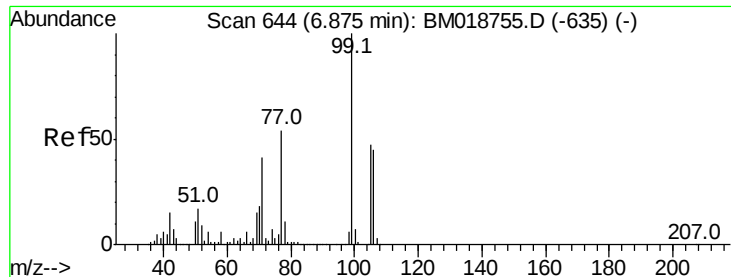
Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Tgt Ion: 128 Resp: 798164

Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.7	51.7
64	51.3	31.0	71.0





#9

Benzaldehyde

Concen: 50.404 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.04 min

Lab File: BM019004.D

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ClientSampled :

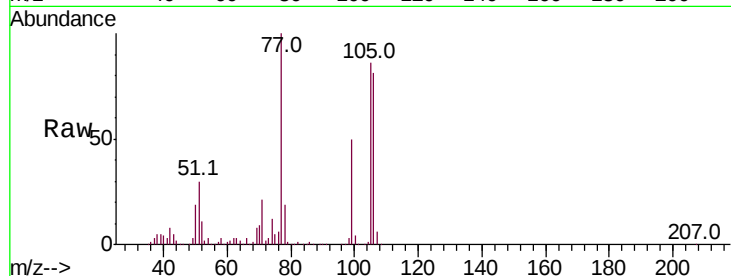
Tot Ion: 77 Resp: 573998

Ion Ratio Lower Upper

77 100

105 86.2 67.3 107.3

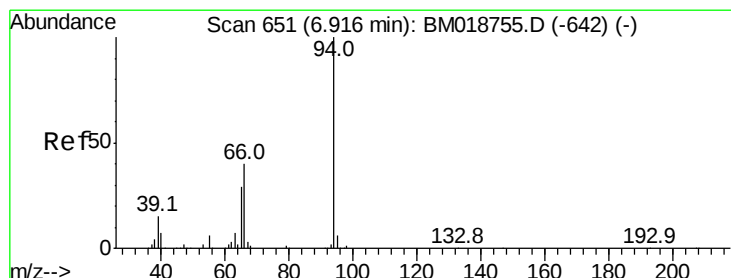
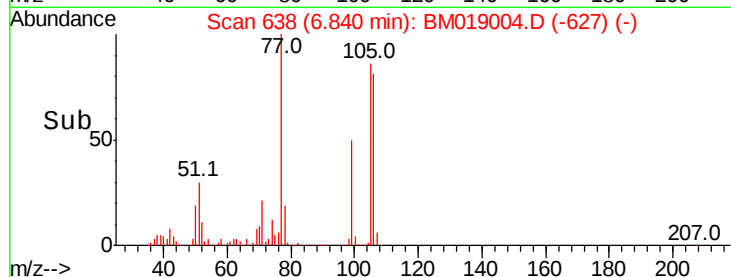
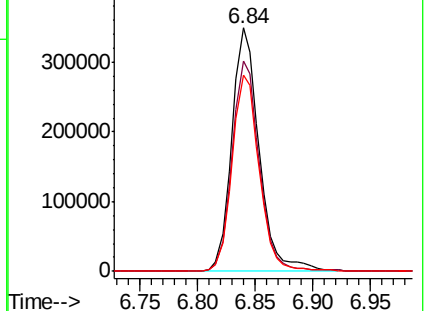
106 80.5 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM018755.D (-635) (-)



#10

Phenol

Concen: 45.189 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

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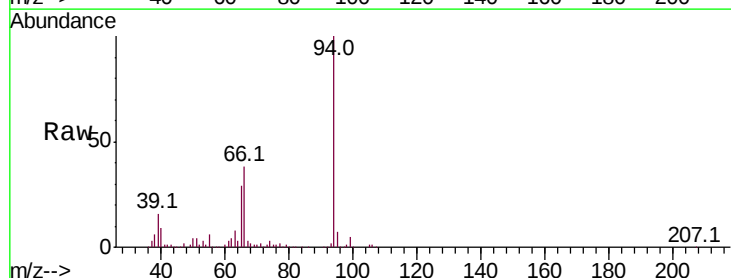
Tgt Ion: 94 Resp: 1060422

Ion Ratio Lower Upper

94 100

65 29.1 9.6 49.6

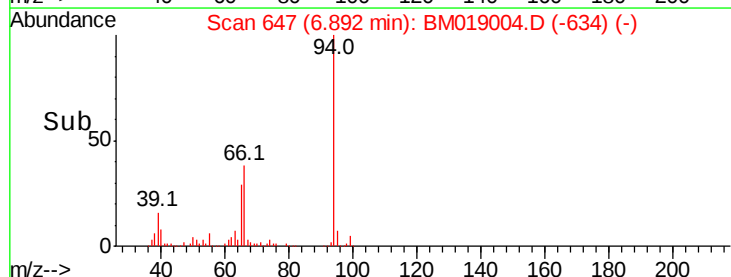
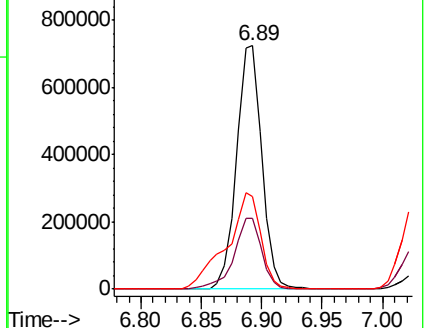
66 38.3 20.4 60.4

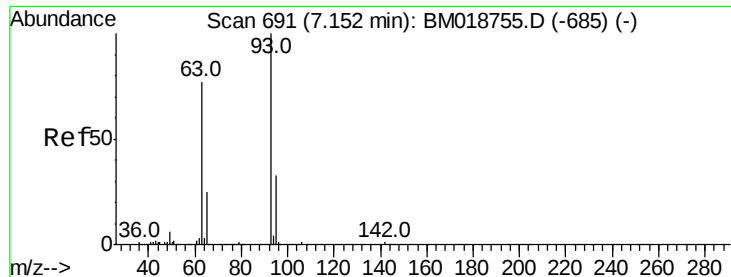


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

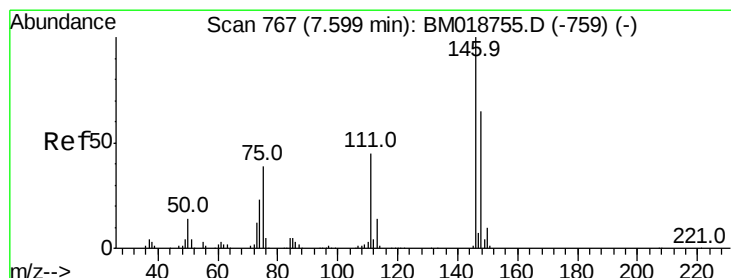
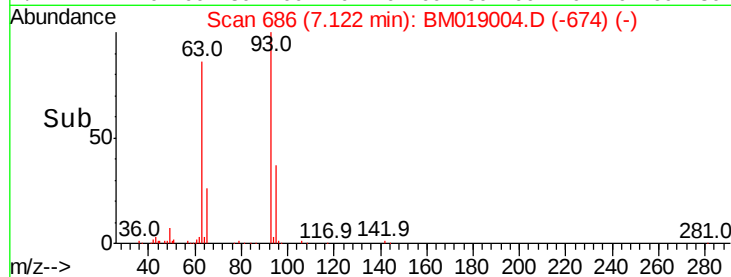
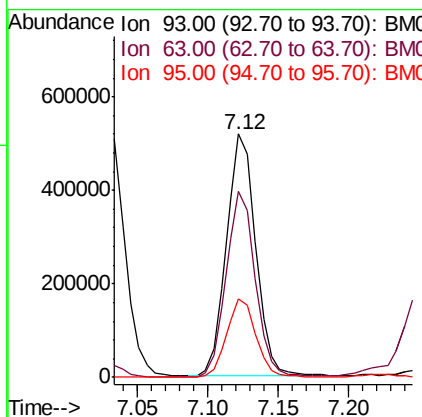
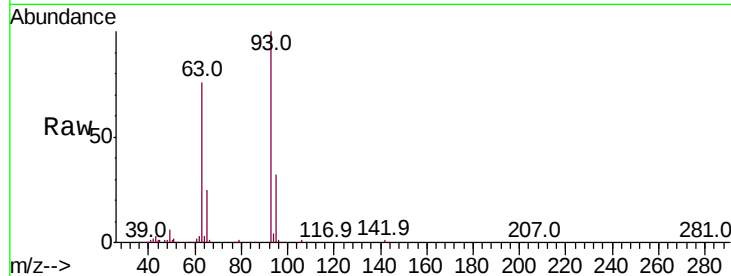




#11
bis(2-Chloroethyl)ether
Concen: 41.568 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.03 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

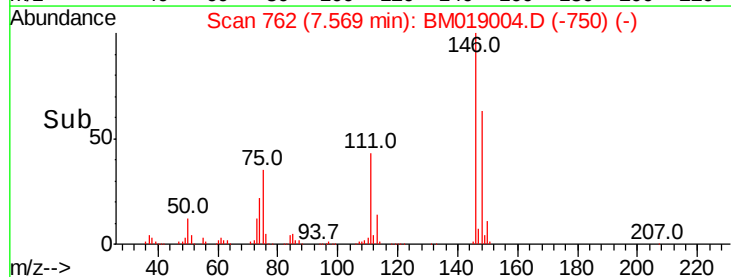
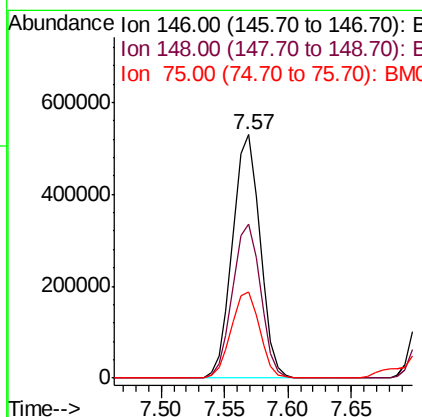
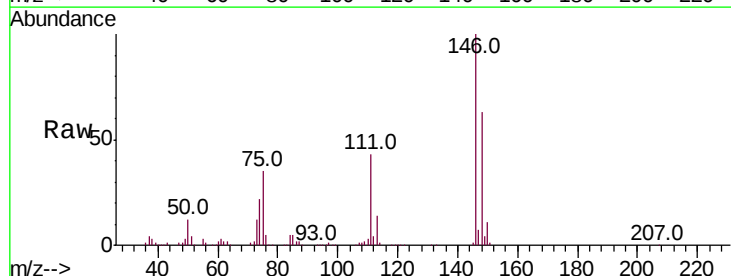
Instrument :
BNA_M
ClientSampleId :

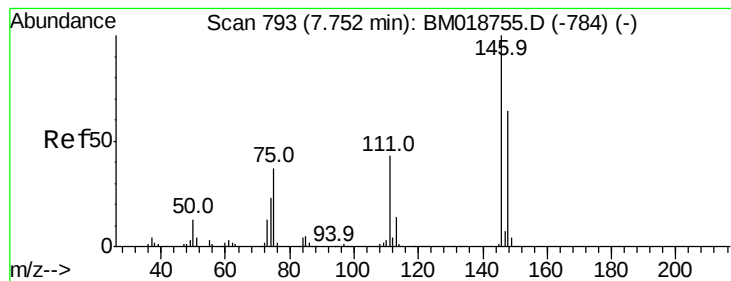
Tot Ion: 93 Resp: 744098
Ion Ratio Lower Upper
93 100
63 76.3 57.0 97.0
95 32.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.883 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.03 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion: 146 Resp: 799038
Ion Ratio Lower Upper
146 100
148 63.1 51.7 77.5
75 35.2 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 41.176 ng

RT: 7.72 min Scan# 787

Delta R.T. -0.04 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

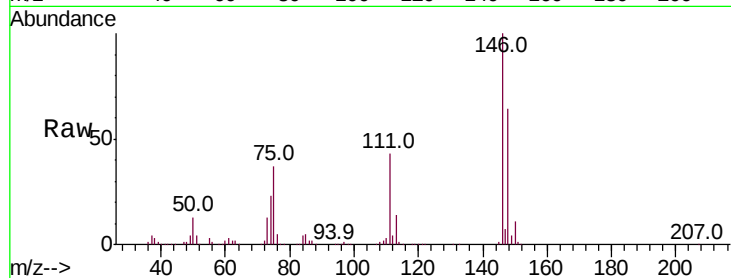
Tot Ion:146 Resp: 819279

Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.2

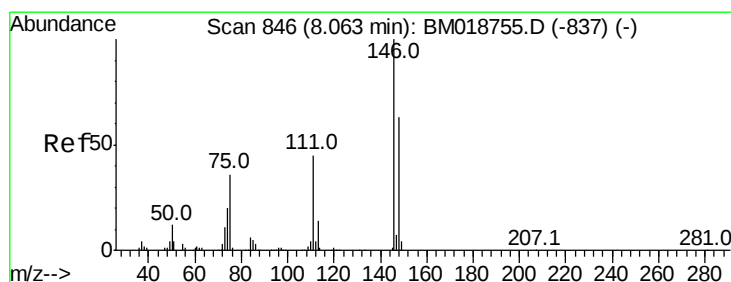
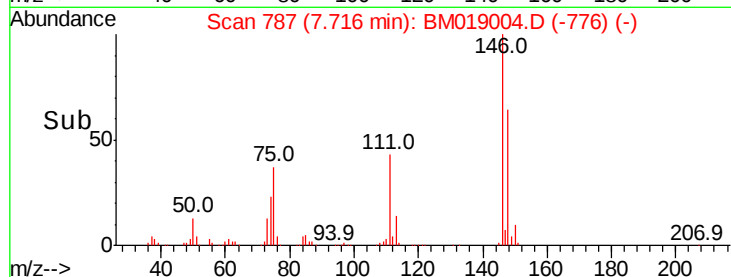
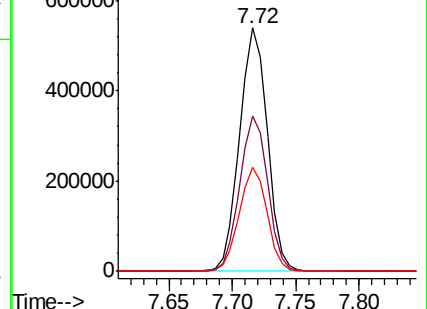
111 43.0 34.6 52.0



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: 41.322 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.04 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

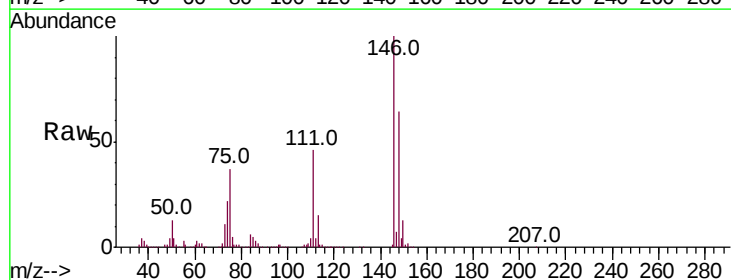
Tgt Ion:146 Resp: 789757

Ion Ratio Lower Upper

146 100

148 64.2 50.7 76.1

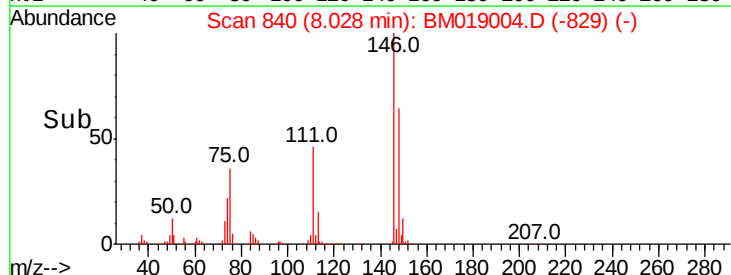
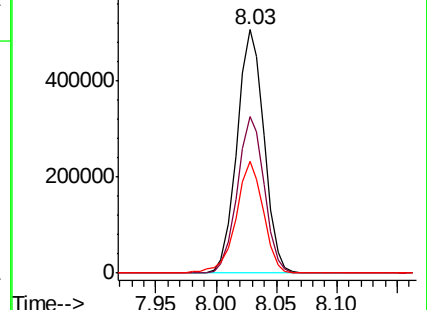
111 45.8 35.9 53.9

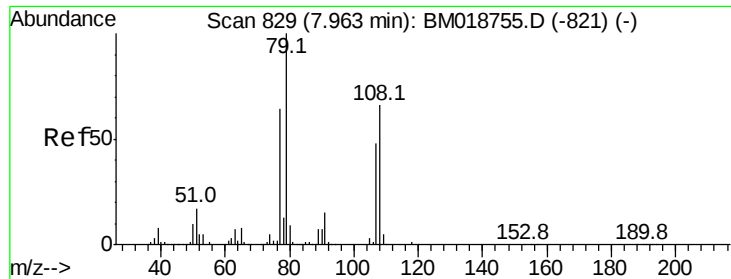


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.752 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

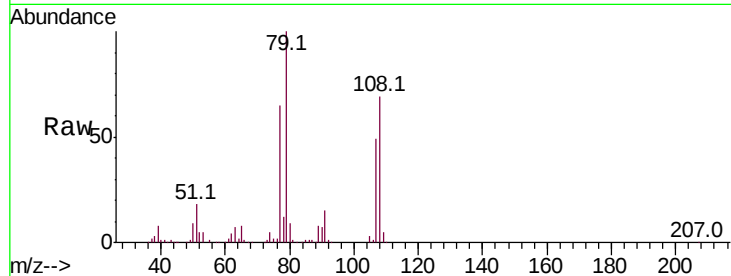
Tot Ion: 79 Resp: 757620

Ion Ratio Lower Upper

79 100

108 68.5 52.7 79.1

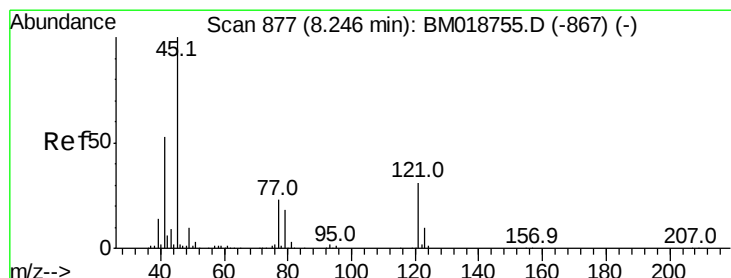
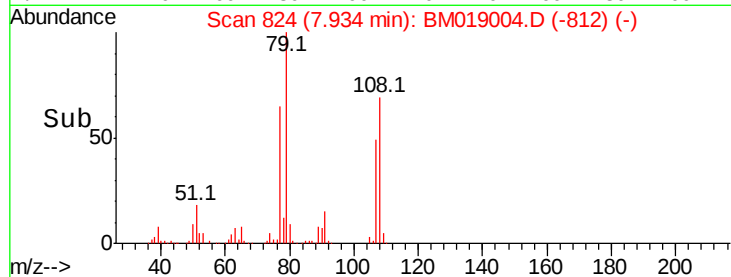
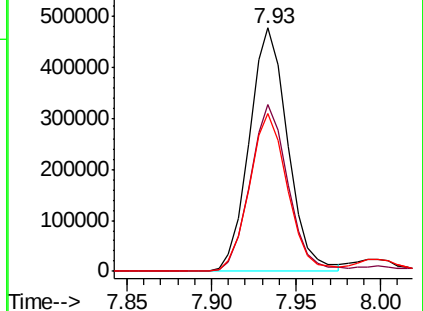
77 64.9 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-821) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.621 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.04 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

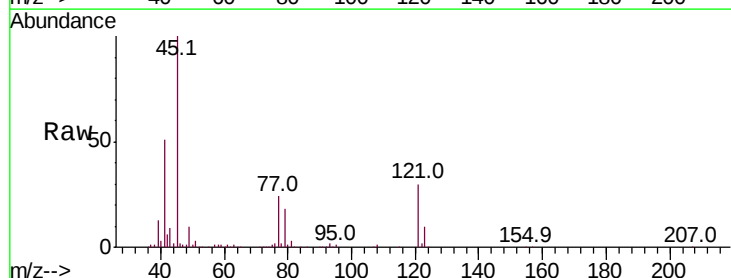
Tgt Ion: 45 Resp: 738424

Ion Ratio Lower Upper

45 100

77 24.1 5.0 45.0

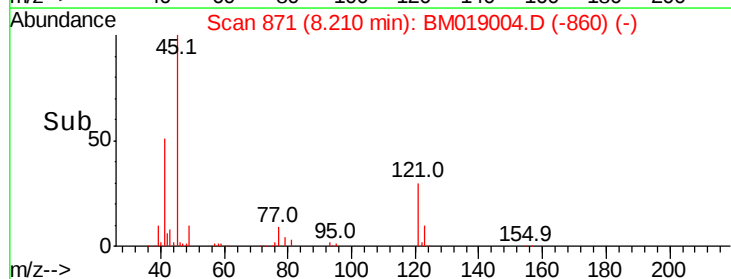
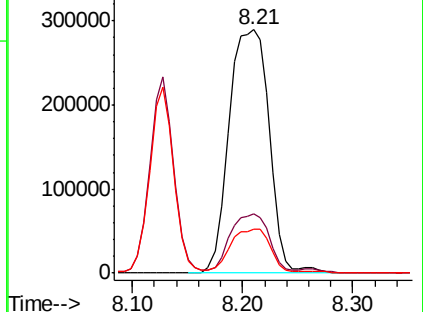
79 18.2 0.0 39.3

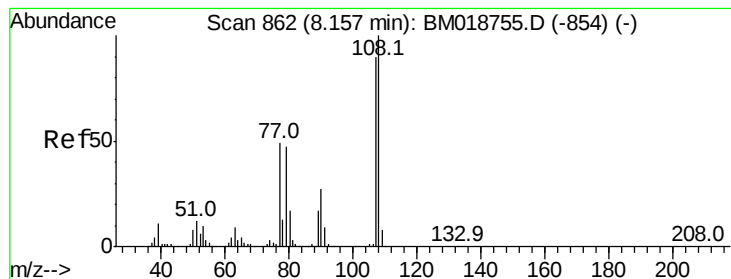


Abundance Ion 45.00 (44.70 to 45.70): BM018755.D (-867) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-867) (-)

Ion 79.00 (78.70 to 79.70): BM018755.D (-867) (-)

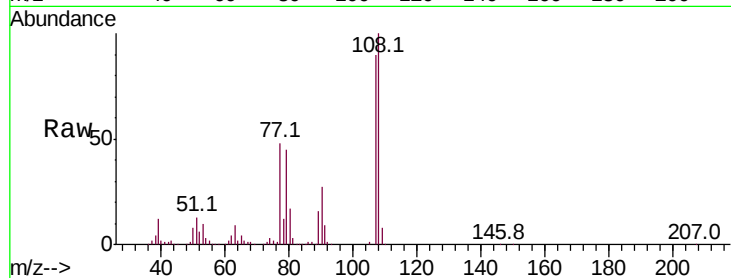




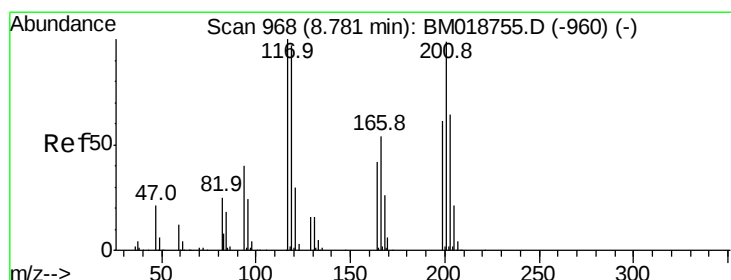
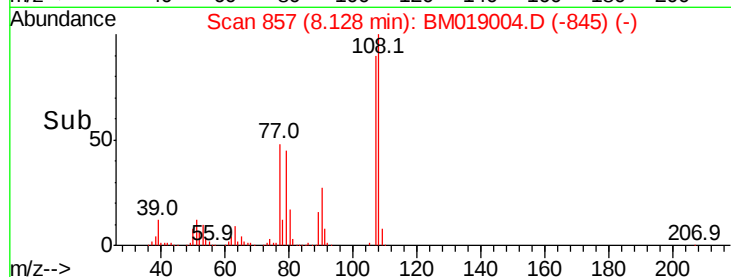
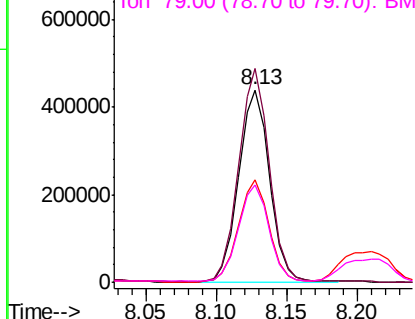
#17
 2-Methylphenol
 Concen: 44.853 ng
 RT: 8.13 min Scan# 857
 Delta R.T. -0.03 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	107	Resp:	669916
Ion	Ratio	Lower	Upper
107	100		
108	110.9	88.8	133.2
77	53.2	44.0	66.0
79	50.4	42.4	63.6

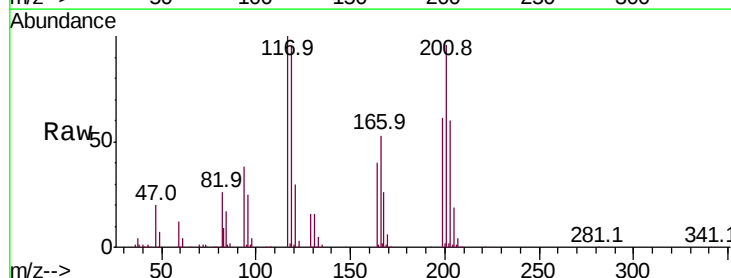


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 79.00 (78.70 to 79.70): BM0

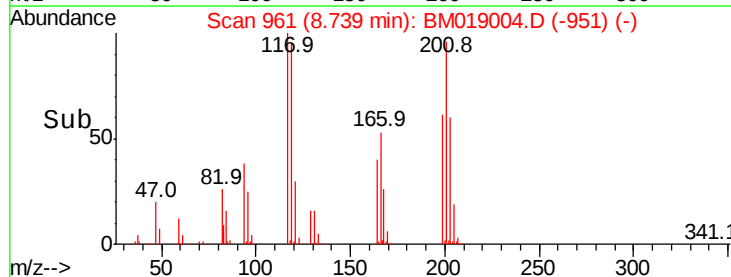
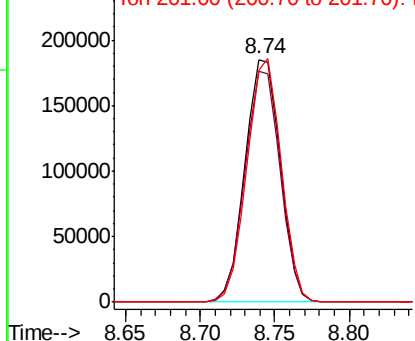


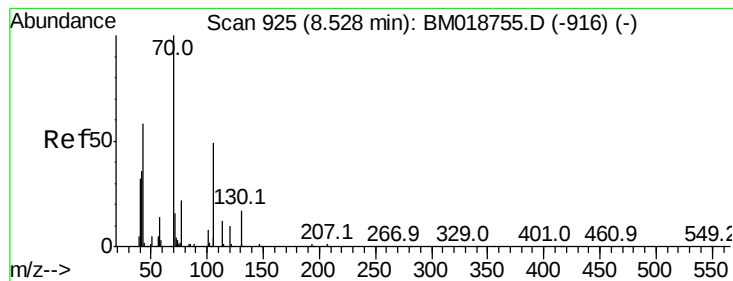
#18
 Hexachloroethane
 Concen: 41.657 ng
 RT: 8.74 min Scan# 961
 Delta R.T. -0.04 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Tgt Ion:	117	Resp:	302572
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.9	116.9
201	95.8	79.2	118.8



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.040 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.04 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 691410

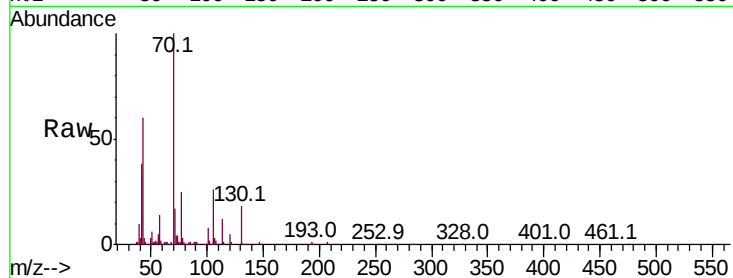
Ion Ratio Lower Upper

70 100

42 38.0 29.4 44.0

101 8.3 6.7 10.1

130 17.7 14.0 21.0

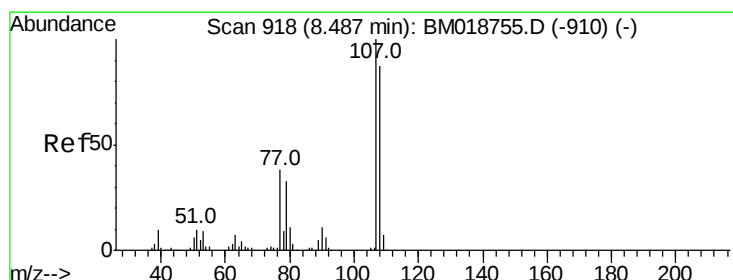
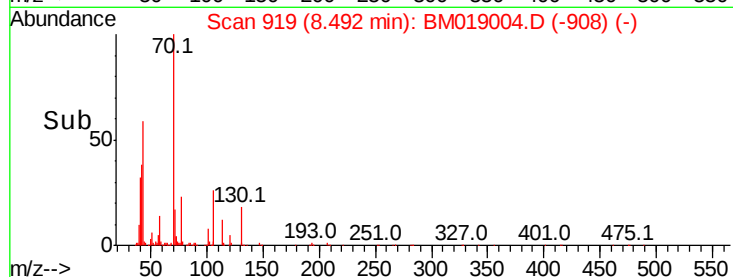
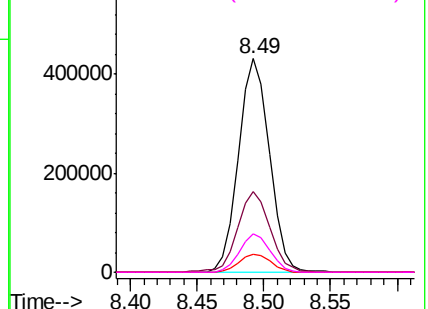


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 43.969 ng

RT: 8.46 min Scan# 913

Delta R.T. -0.03 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Tgt Ion: 107 Resp: 906830

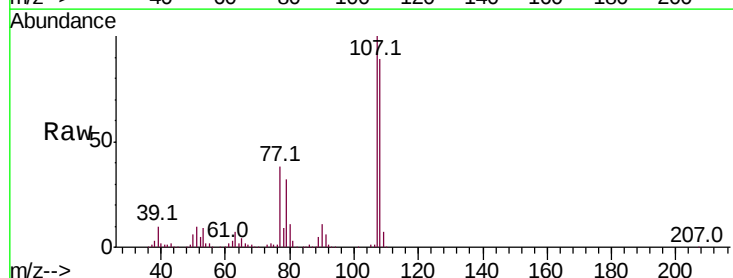
Ion Ratio Lower Upper

107 100

108 88.6 67.3 107.3

77 37.6 18.0 58.0

79 32.1 12.8 52.8

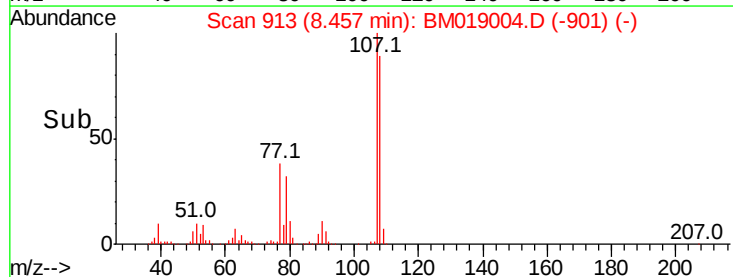
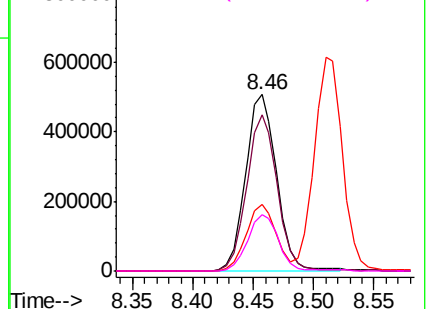


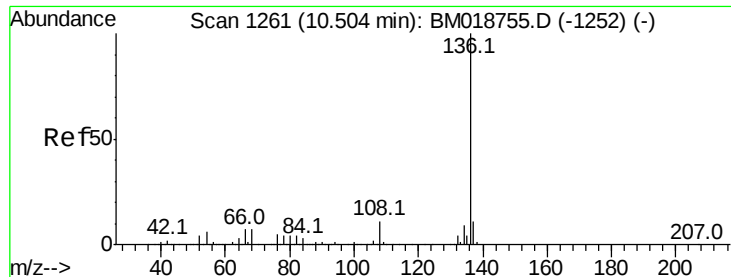
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

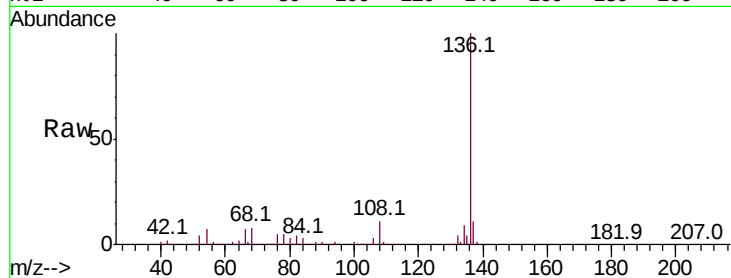




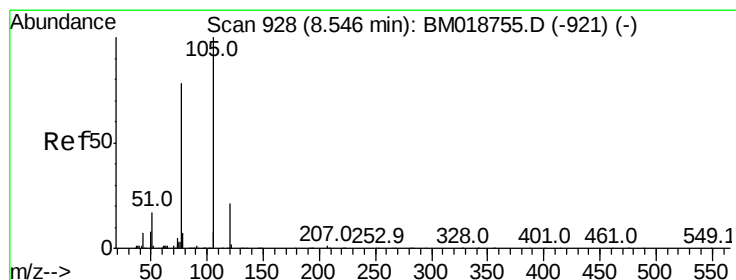
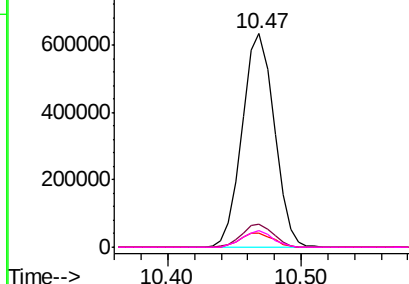
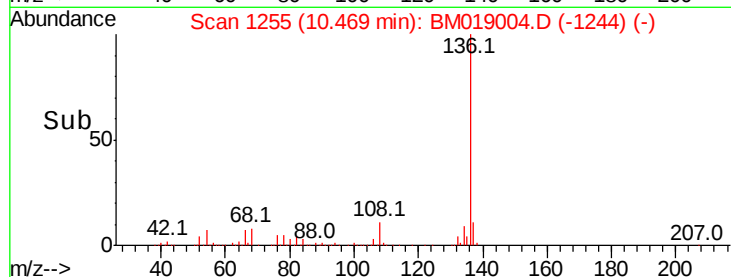
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampled :

Tot Ion:	136	Resp:	1057955
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	5.0	7.6
68	7.8	5.5	8.3

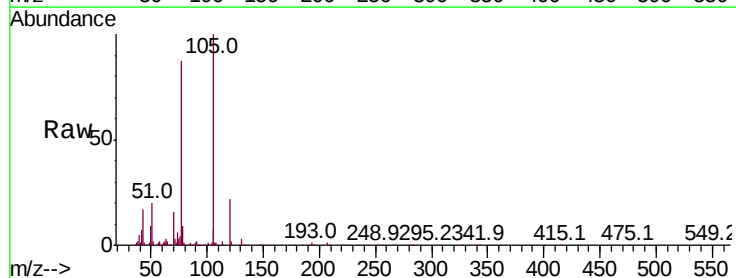


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

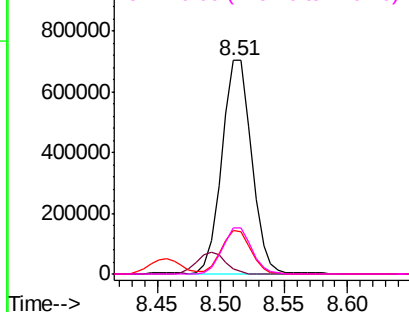
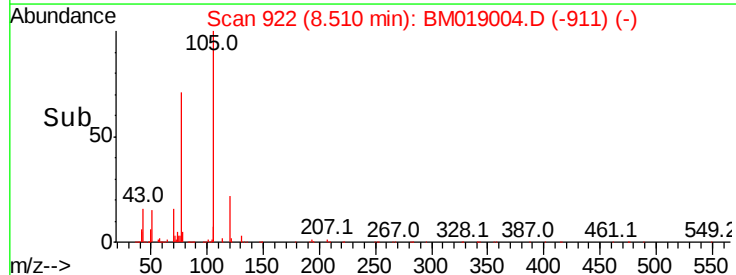


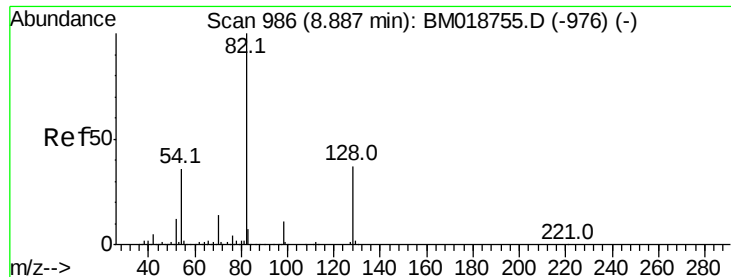
#22
Acetophenone
Concen: 39.279 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.04 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion:	105	Resp:	1141178
Ion	Ratio	Lower	Upper
105	100		
71	2.5	1.1	1.7#
51	20.2	15.5	23.3
120	21.6	17.0	25.4



Abundance Ion 105.00 (104.70 to 105.70): E
1000000
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: 77.520 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.04 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampled :

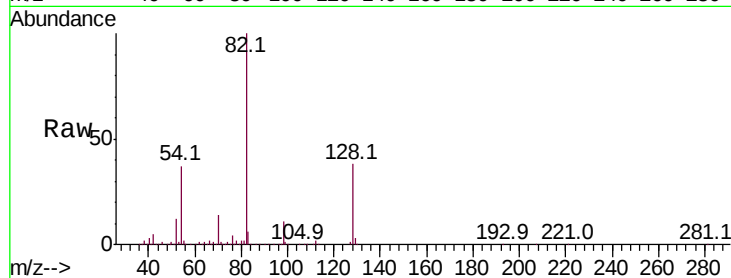
Tot Ion: 82 Resp: 1773693

Ion Ratio Lower Upper

82 100

128 37.6 29.9 44.9

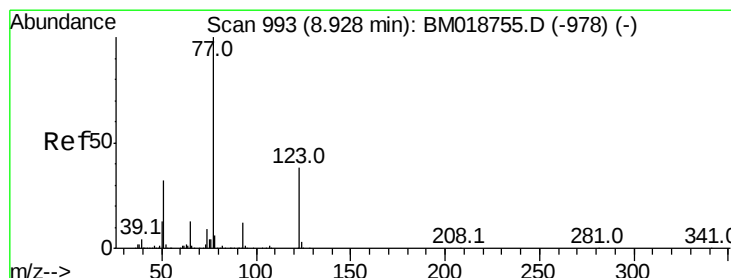
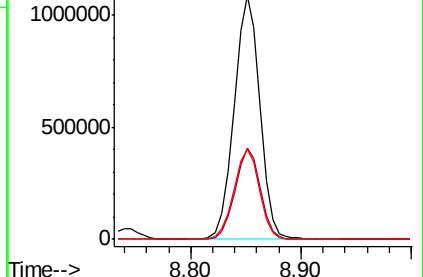
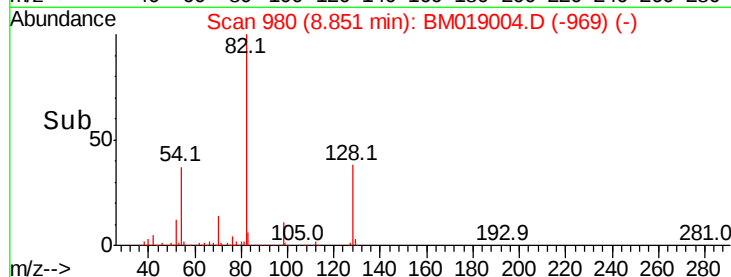
54 37.1 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#24

Nitrobenzene

Concen: 41.238 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.04 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

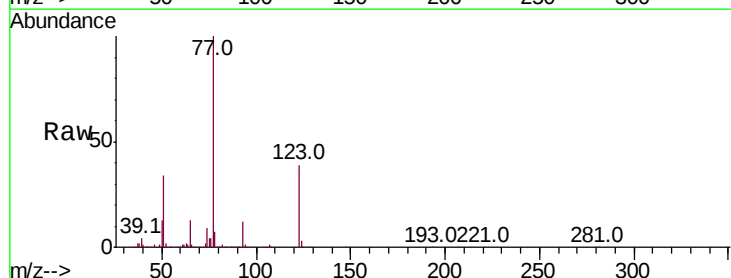
Tgt Ion: 77 Resp: 979385

Ion Ratio Lower Upper

77 100

123 39.2 30.7 46.1

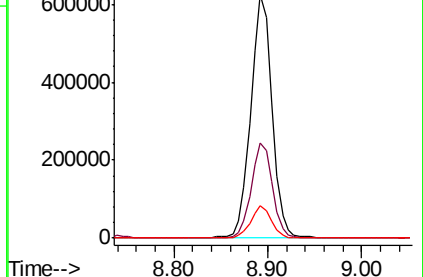
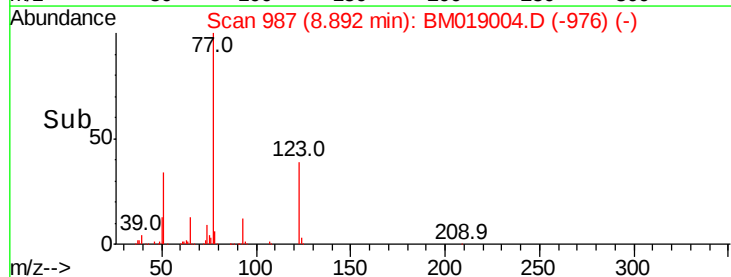
65 13.1 10.5 15.7

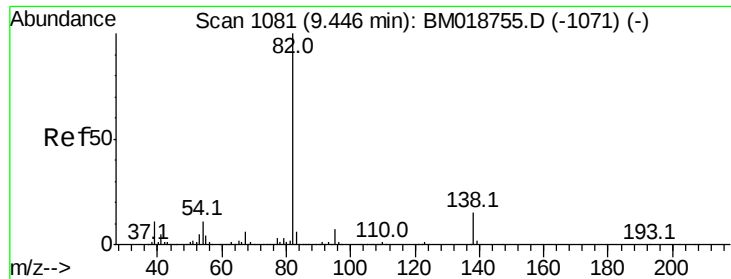


Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)

Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)





#25

Isophorone

Concen: 46.669 ng

RT: 9.41 min Scan# 1075

Delta R.T. -0.04 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

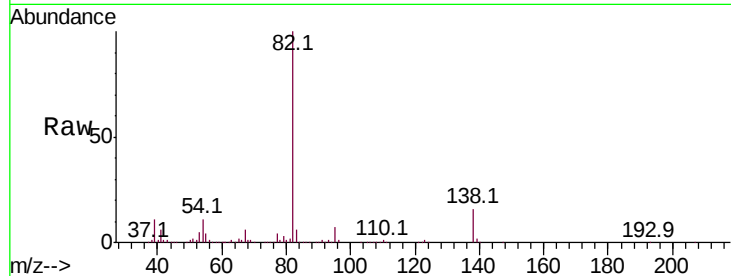
Tot Ion: 82 Resp: 1703796

Ion Ratio Lower Upper

82 100

95 6.7 5.7 8.5

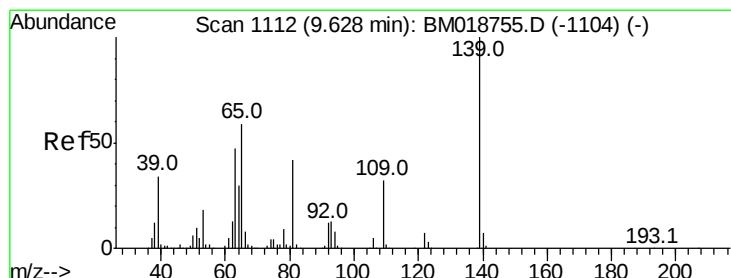
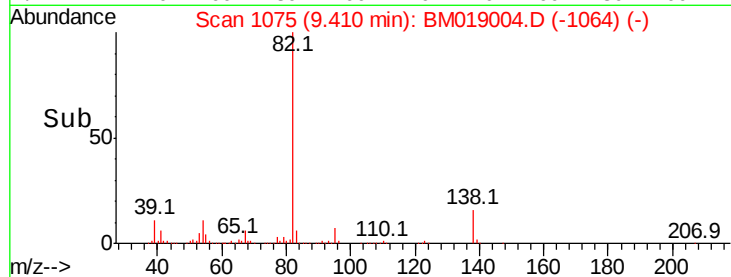
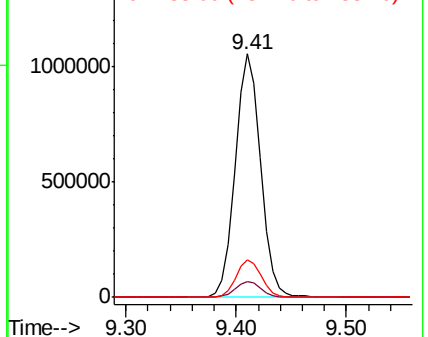
138 15.6 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)



#26

2-Nitrophenol

Concen: 43.790 ng

RT: 9.59 min Scan# 1106

Delta R.T. -0.04 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

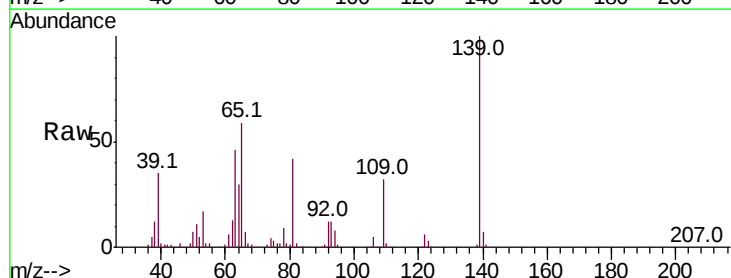
Tgt Ion: 139 Resp: 414164

Ion Ratio Lower Upper

139 100

109 31.6 25.2 37.8

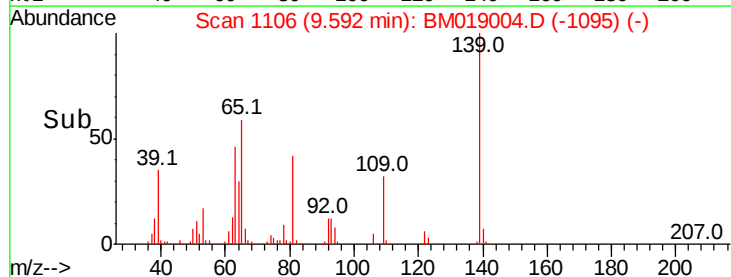
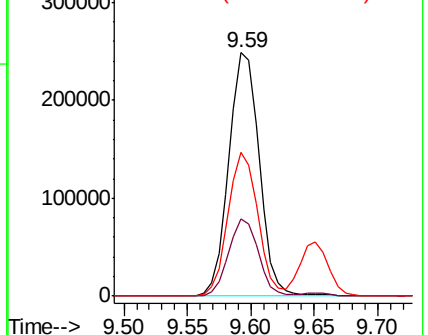
65 58.9 47.0 70.4

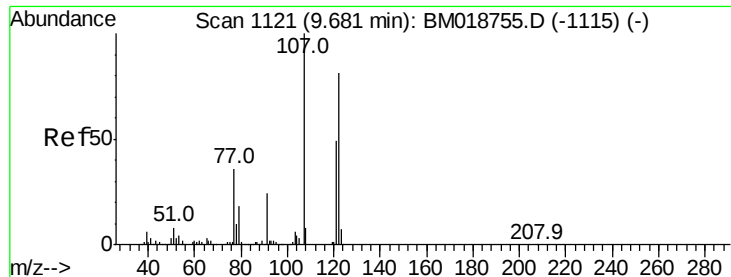


Abundance Ion 139.00 (138.70 to 139.70): BM018755.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM018755.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-1104) (-)

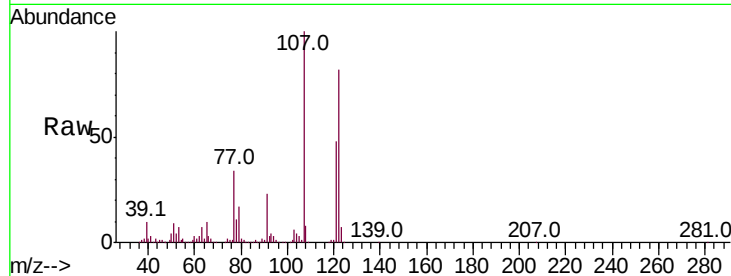




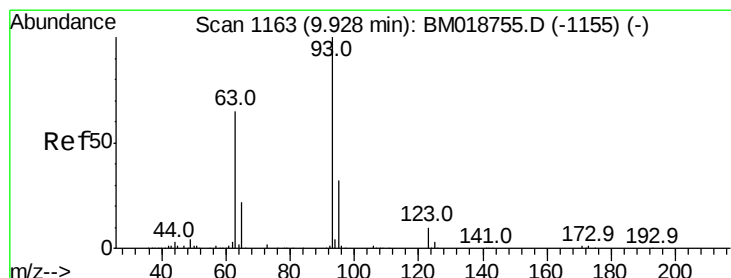
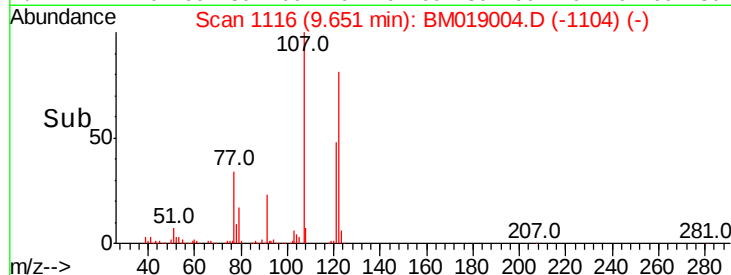
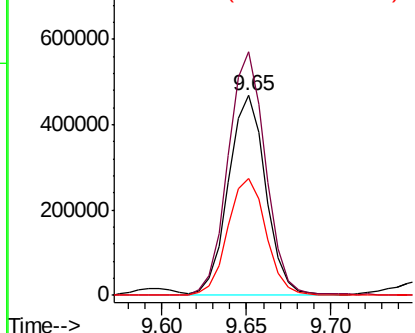
#27
2,4-Dimethylphenol
Concen: 51.845 ng
RT: 9.65 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:122 Resp: 716188
Ion Ratio Lower Upper
122 100
107 122.0 97.6 146.4
121 58.9 47.9 71.9

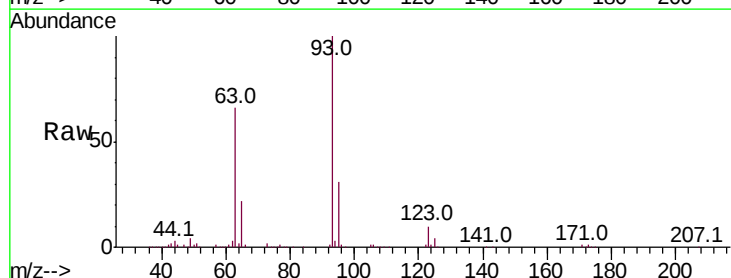


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

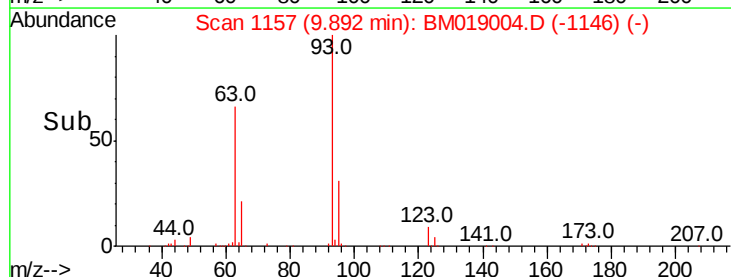
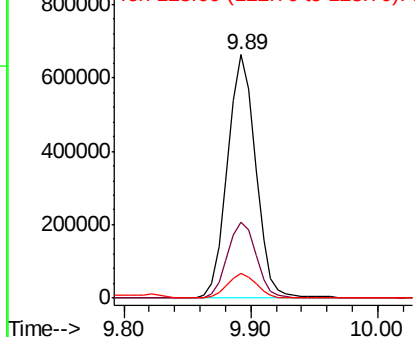


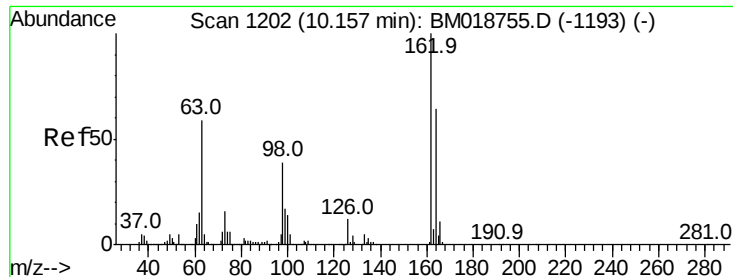
#28
bis(2-Chloroethoxy)methane
Concen: 43.338 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.04 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion: 93 Resp: 1023142
Ion Ratio Lower Upper
93 100
95 31.4 25.6 38.4
123 10.4 8.2 12.4



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 123.00 (122.70 to 123.70): E

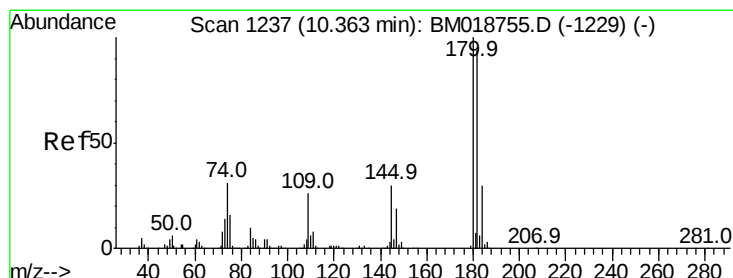
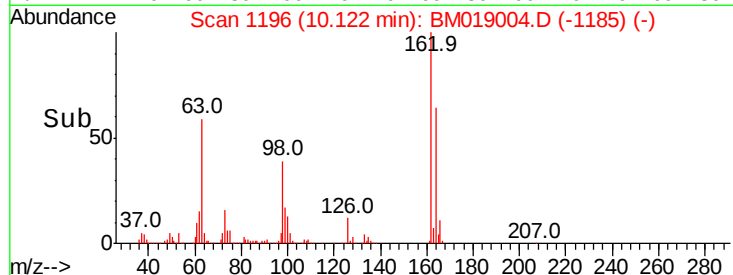
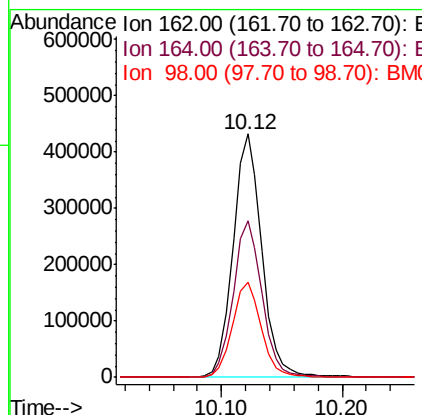
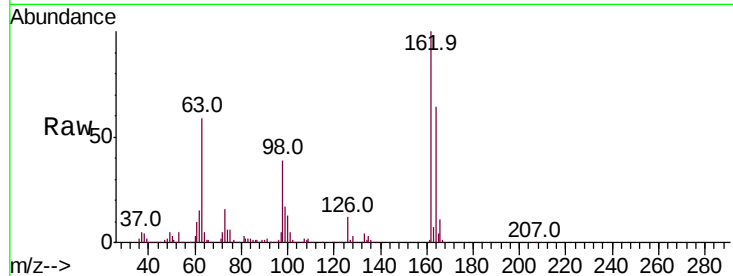




#29
2,4-Dichlorophenol
Concen: 45.146 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.04 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

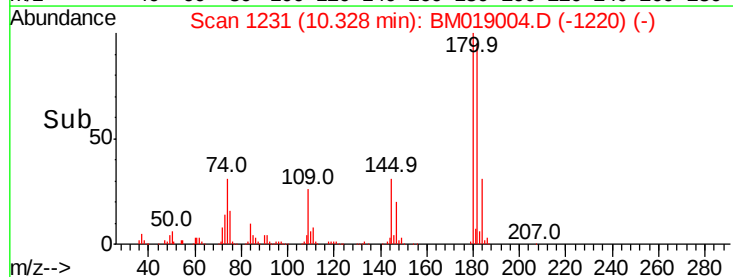
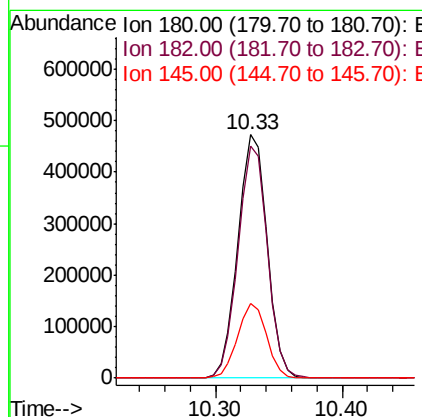
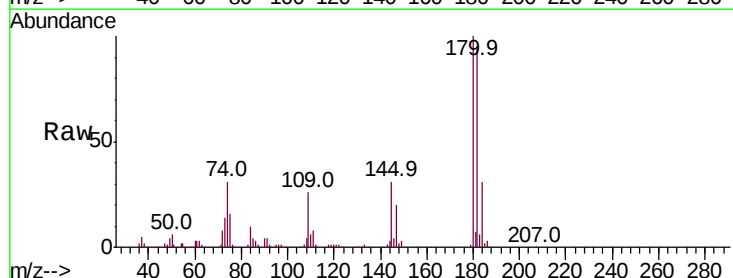
Instrument :
BNA_M
ClientSampled :

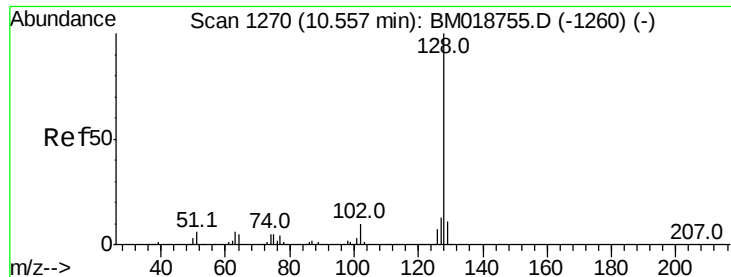
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.1	84.1
98	39.3	19.4	59.4



#30
1,2,4-Trichlorobenzene
Concen: 41.271 ng
RT: 10.33 min Scan# 1231
Delta R.T. -0.04 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.0	112.6
145	30.7	24.1	36.1

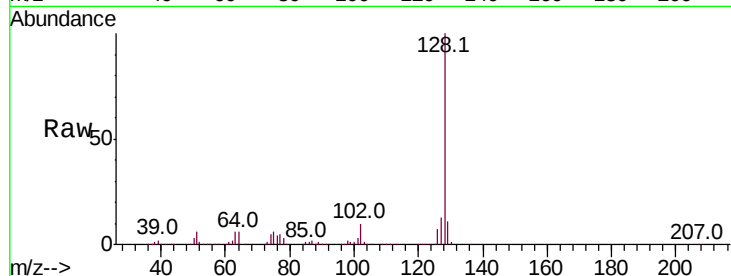




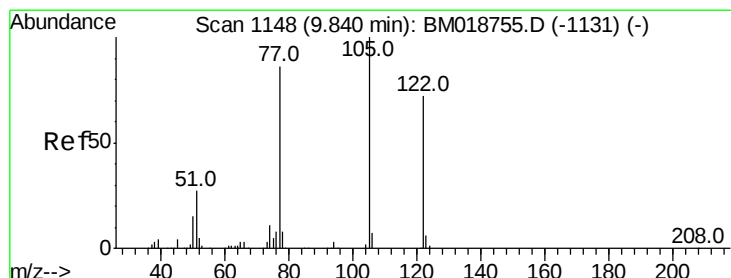
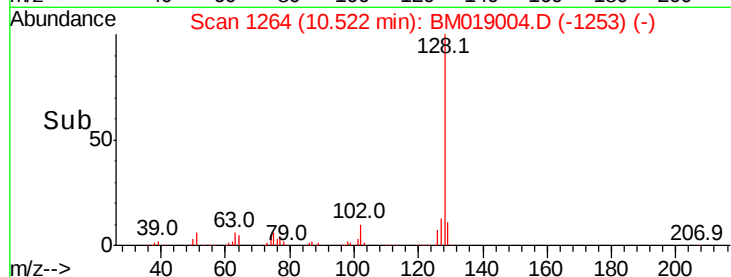
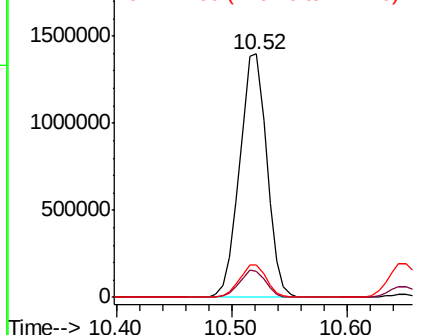
#31
Naphthalene
Concen: 44.399 ng
RT: 10.52 min Scan# 1264
Delta R.T. -0.04 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 2290875
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.2 10.7 16.1

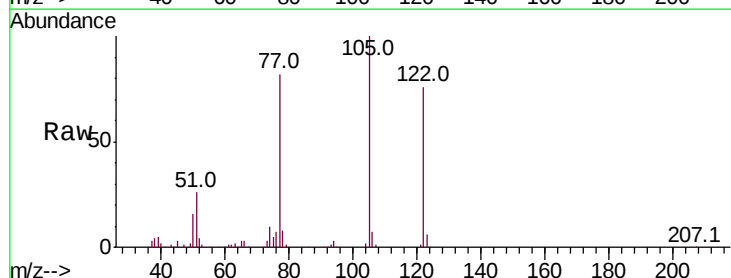


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

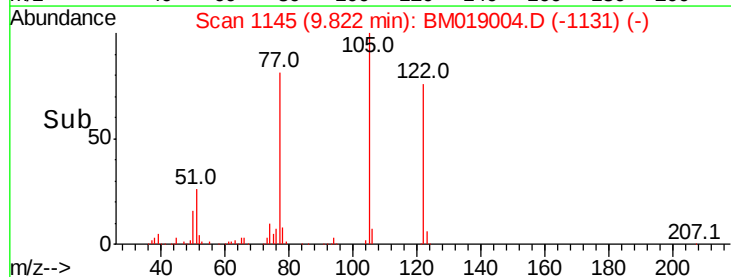
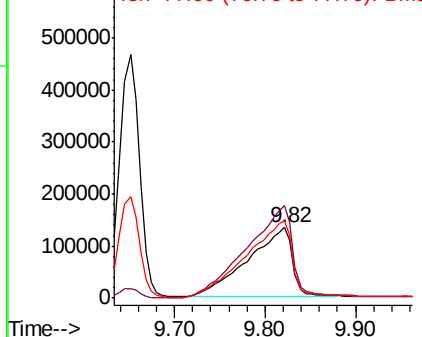


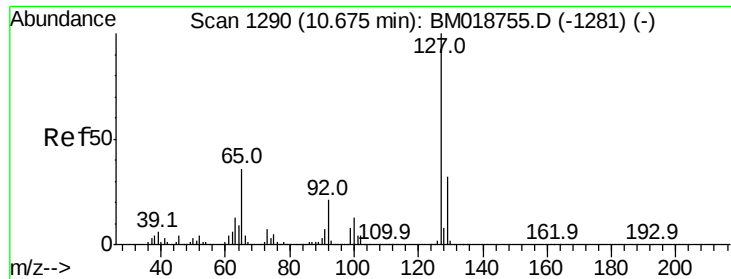
#32
Benzoic acid
Concen: 37.102 ng
RT: 9.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion:122 Resp: 447088
Ion Ratio Lower Upper
122 100
105 132.3 117.5 157.5
77 109.1 98.5 138.5



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): E

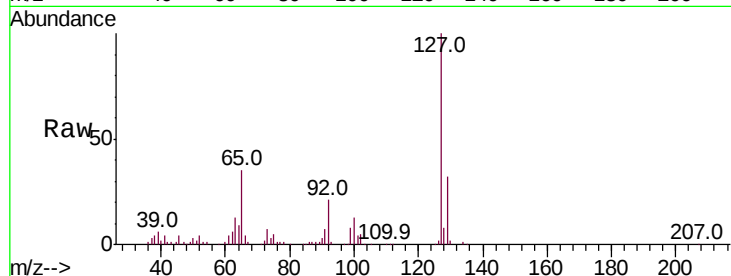




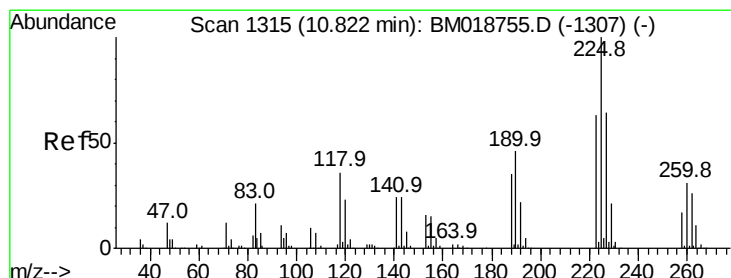
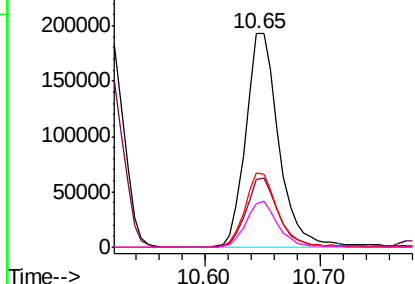
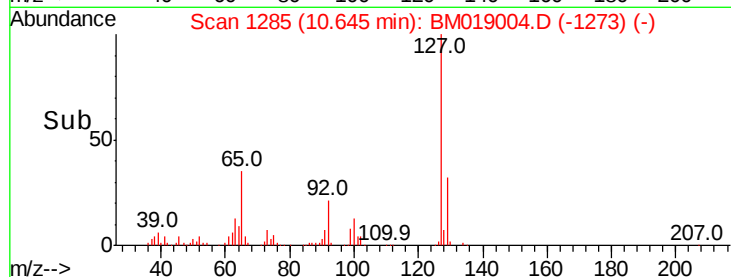
#33
4-Chloroaniline
Concen: 16.659 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.03 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	384238
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	35.0	28.7	43.1
92	20.6	17.0	25.4

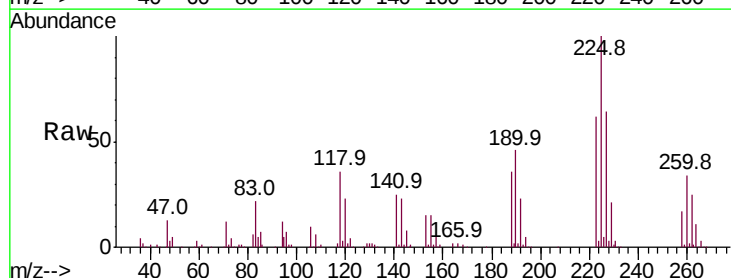


Abundance Ion 127.00 (126.70 to 127.70): E
300000
Ion 129.00 (128.70 to 129.70): E
250000
Ion 65.00 (64.70 to 65.70): BM
200000
Ion 92.00 (91.70 to 92.70): BM

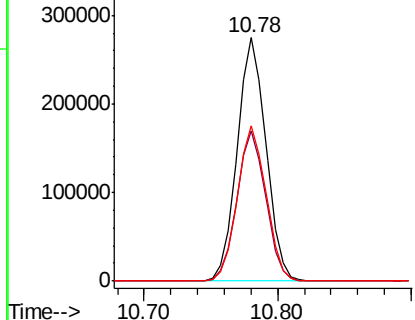
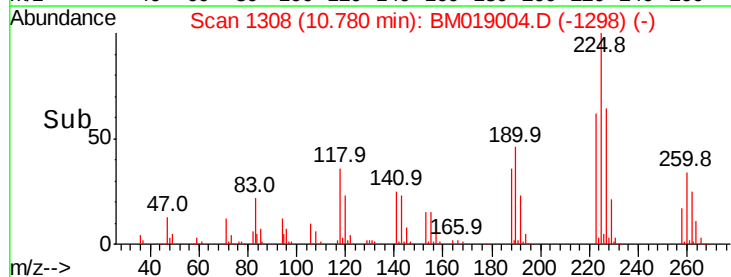


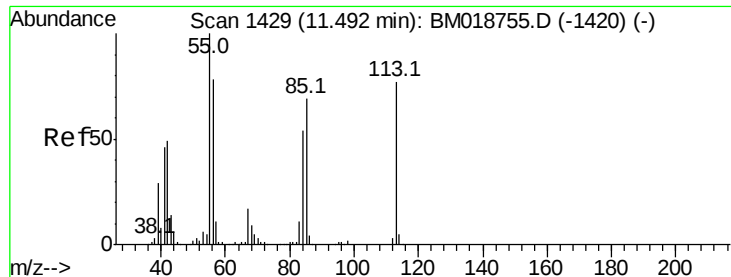
#34
Hexachlorobutadiene
Concen: 38.564 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion:	225	Resp:	410037
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.1	75.1
227	63.7	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
300000
Ion 223.00 (222.70 to 223.70): E
200000
Ion 227.00 (226.70 to 227.70): E

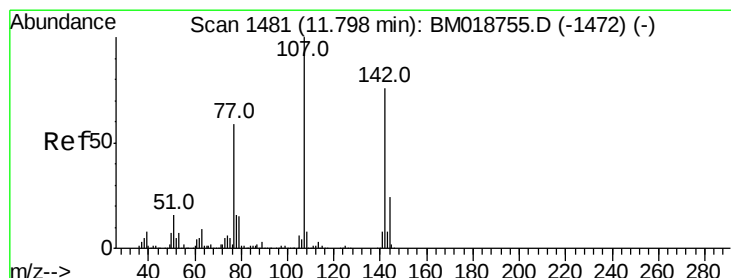
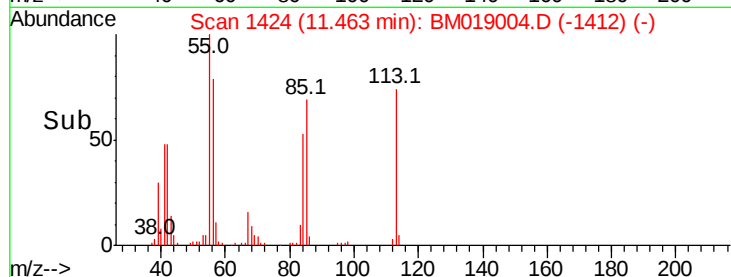
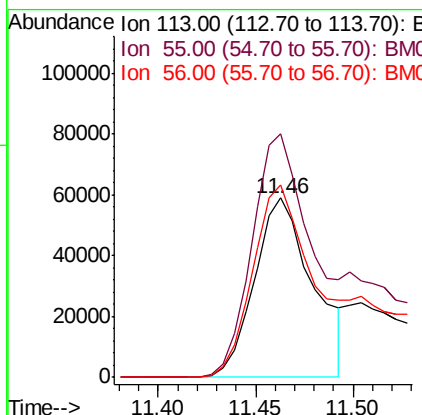
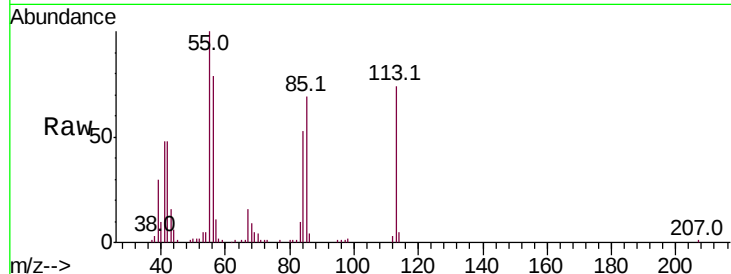




#35
 Caprolactam
 Concen: 18.853 ng
 RT: 11.46 min Scan# 1424
 Delta R.T. -0.03 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

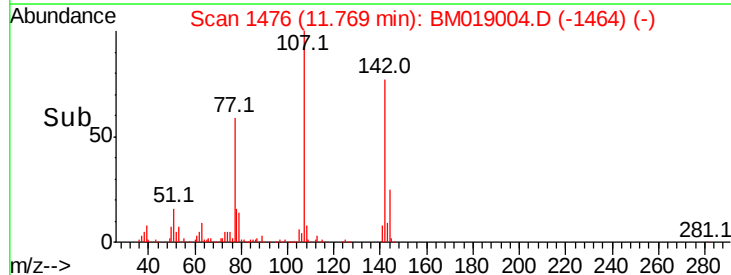
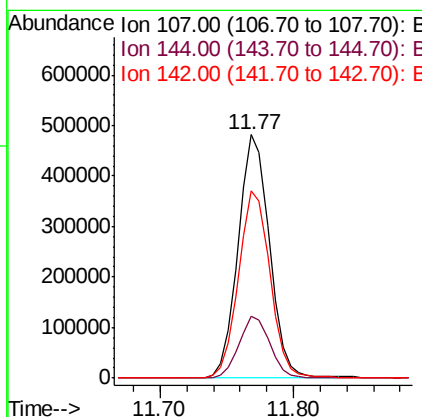
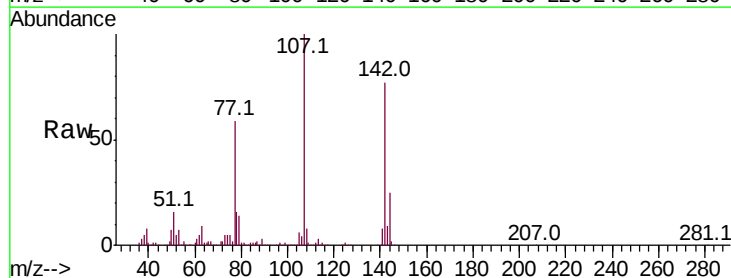
Instrument :
 BNA_M
 ClientSampleId :

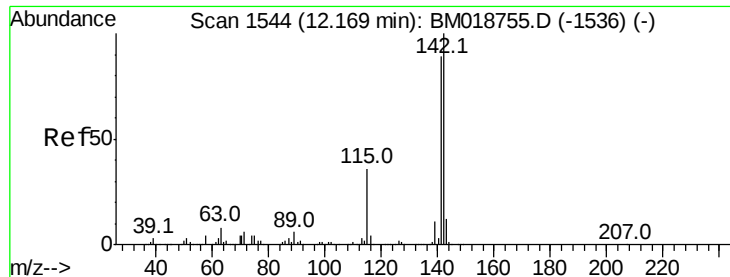
Tot Ion:113 Resp: 122045
 Ion Ratio Lower Upper
 113 100
 55 135.6 110.7 150.7
 56 107.5 82.4 122.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.072 ng
 RT: 11.77 min Scan# 1476
 Delta R.T. -0.03 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Tgt Ion:107 Resp: 785469
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.3 28.9
 142 77.0 60.5 90.7

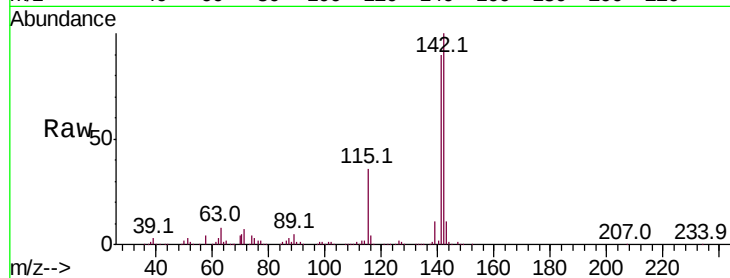




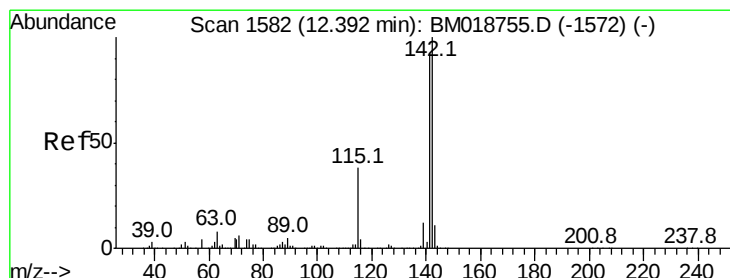
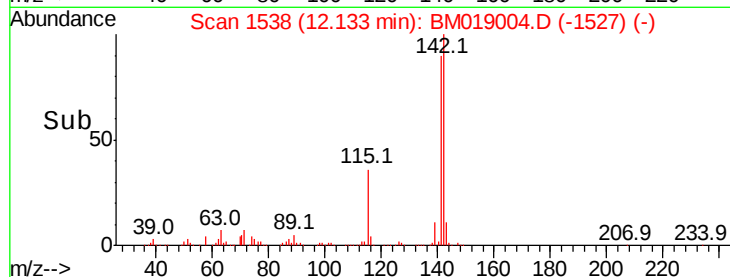
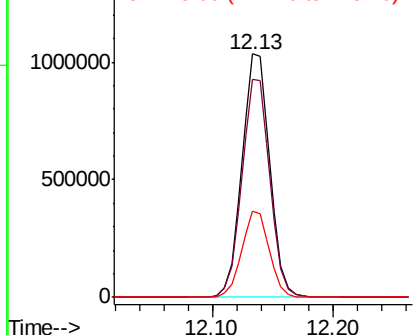
#37
2-Methylnaphthalene
Concen: 45.886 ng
RT: 12.13 min Scan# 1538
Delta R.T. -0.04 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampled :

Tot Ion:142 Resp: 1666933
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8
115 35.6 29.1 43.7

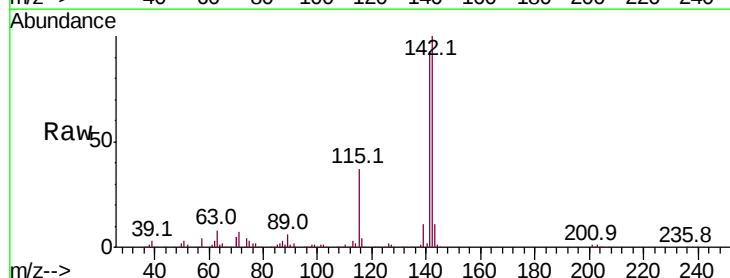


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

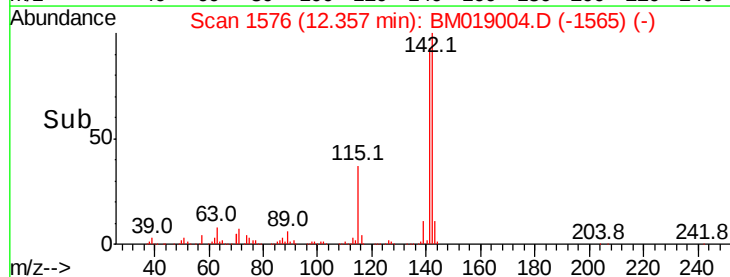
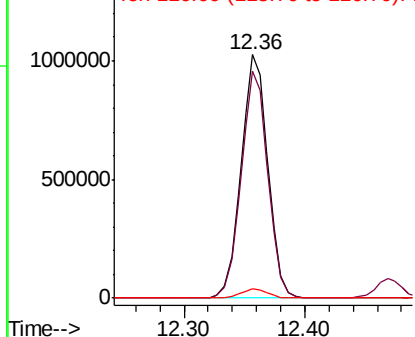


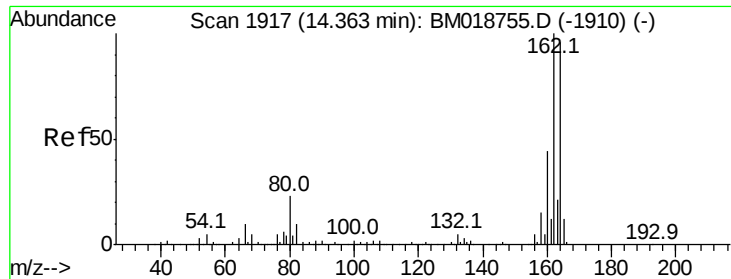
#38
1-Methylnaphthalene
Concen: 44.275 ng
RT: 12.36 min Scan# 1576
Delta R.T. -0.04 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion:142 Resp: 1572817
Ion Ratio Lower Upper
142 100
141 93.0 73.9 110.9
116 3.8 3.0 4.4



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: 14.33 min Scan# 1912

Delta R.T. -0.03 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

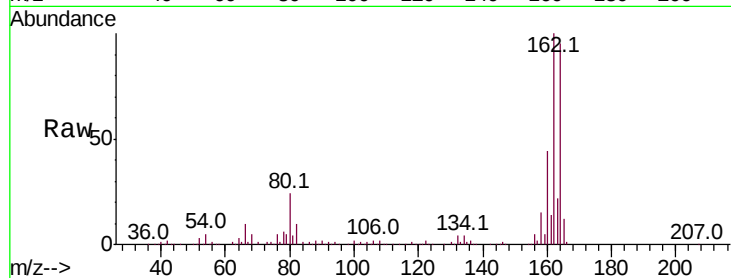
Tot Ion:164 Resp: 576744

Ion Ratio Lower Upper

164 100

162 104.9 83.4 125.0

160 46.1 36.6 55.0

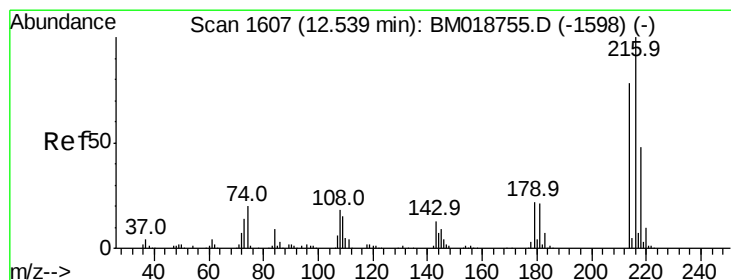
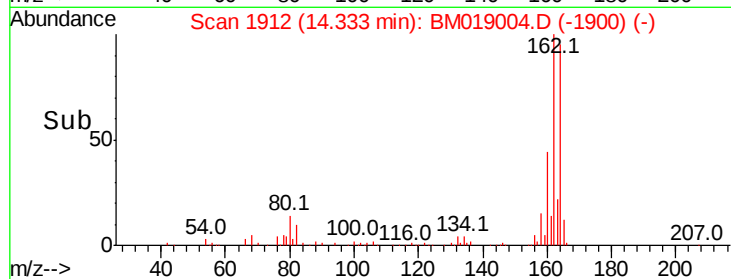
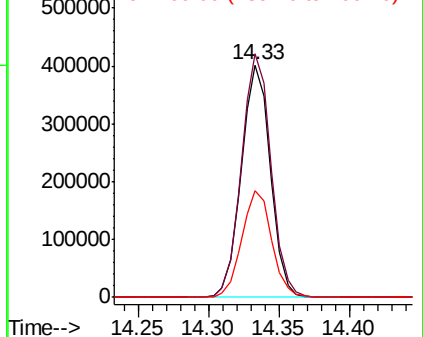


Abundance

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: 42.473 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.04 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Tgt Ion:216 Resp: 783601

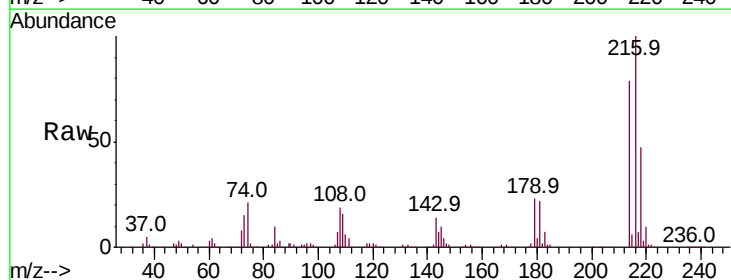
Ion Ratio Lower Upper

216 100

214 79.0 63.2 94.8

179 22.8 17.8 26.8

108 18.5 16.4 24.6



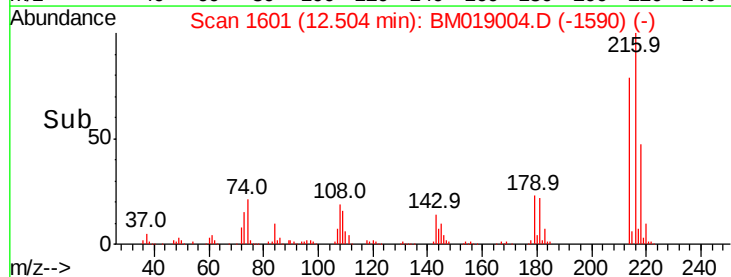
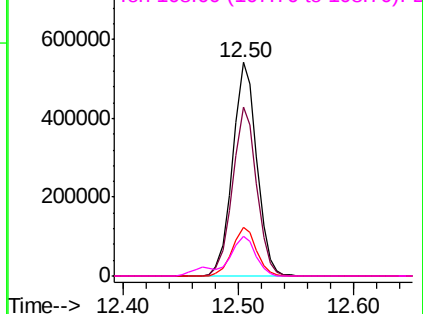
Abundance

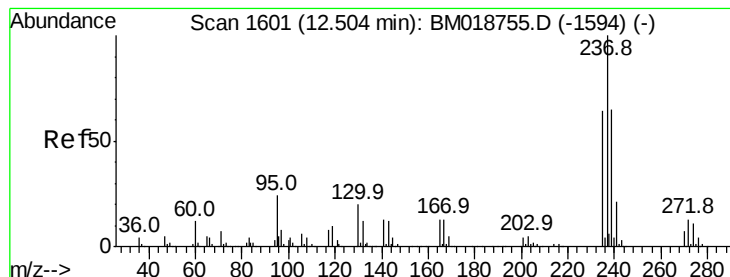
Ion 216.00 (215.70 to 216.70): E

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: 103.331 ng

RT: 12.47 min Scan# 1595

Delta R.T. -0.04 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

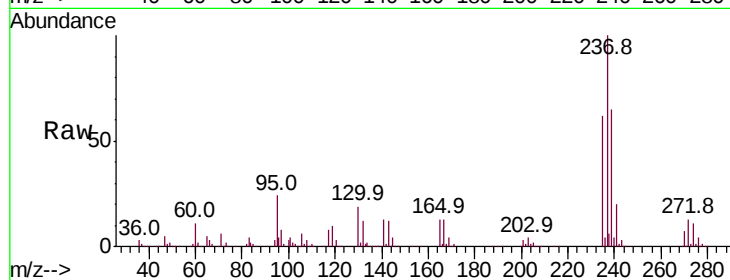
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 974693

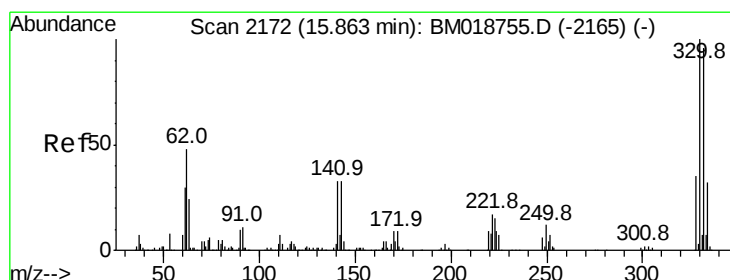
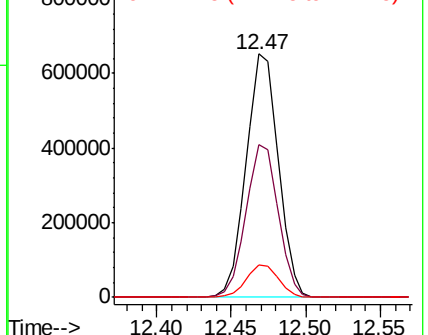
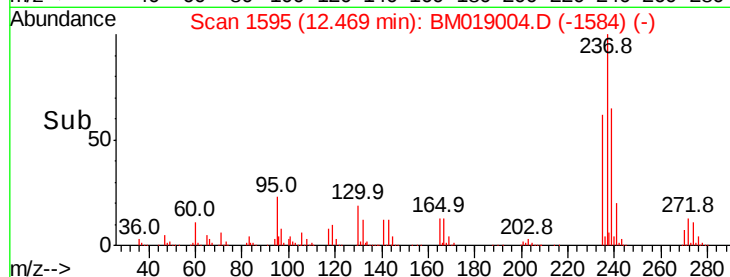
Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.7	83.7
272	13.3	0.0	33.3



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: 126.072 ng

RT: 15.83 min Scan# 2167

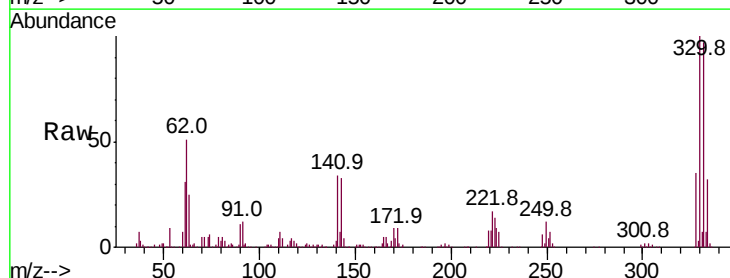
Delta R.T. -0.03 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Tgt Ion:330 Resp: 1048111

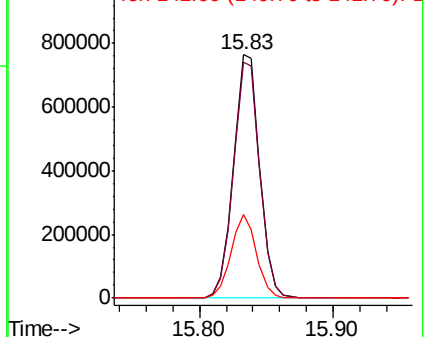
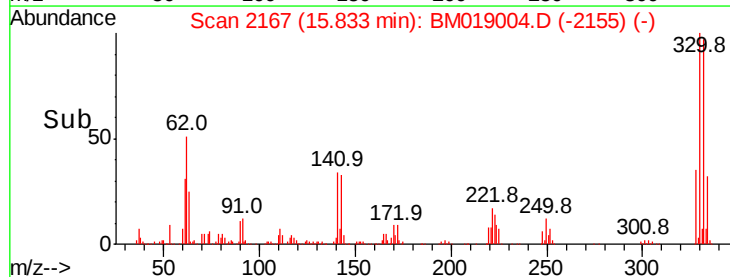
Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.9	115.3
141	33.4	28.7	43.1

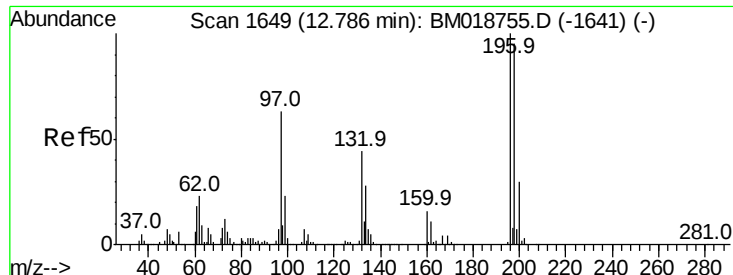


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 44.928 ng

RT: 12.76 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampled :

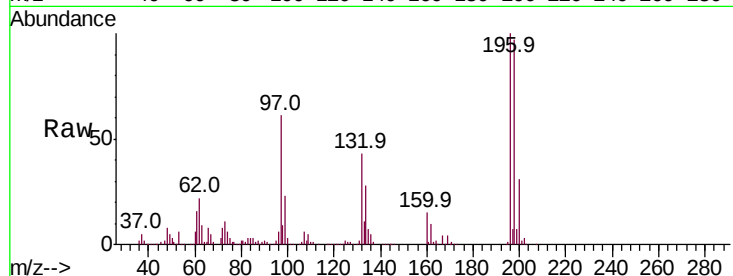
Tot Ion:196 Resp: 548737

Ion Ratio Lower Upper

196 100

198 96.6 76.2 114.2

200 31.1 24.2 36.2

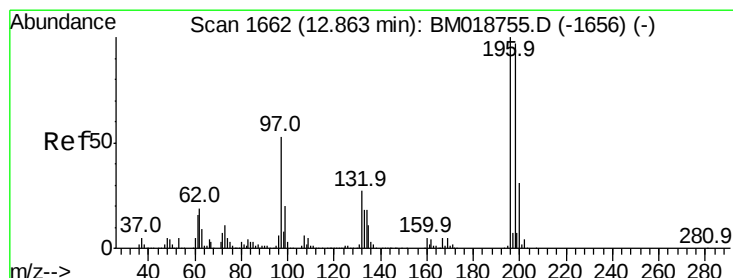
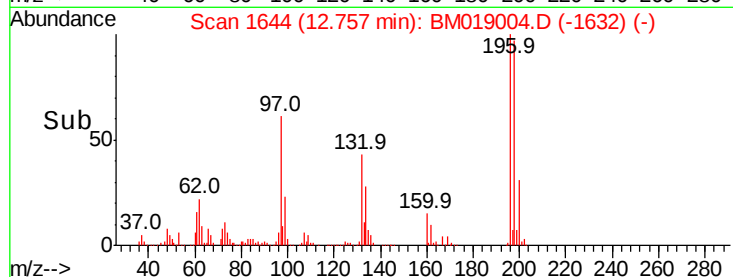
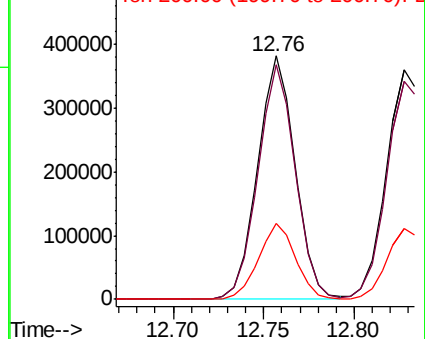


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 44.887 ng

RT: 12.83 min Scan# 1656

Delta R.T. -0.04 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Tgt Ion:196 Resp: 574616

Ion Ratio Lower Upper

196 100

198 94.5 77.6 116.4

97 54.3 42.8 64.2

132 26.8 21.8 32.8

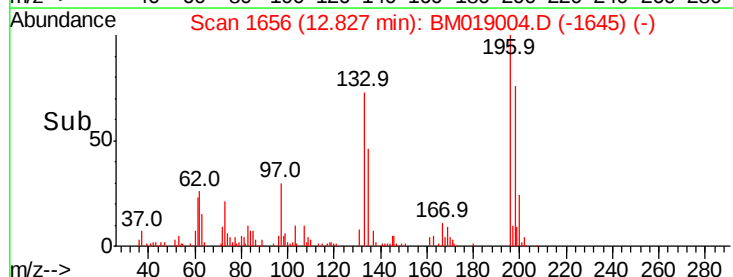
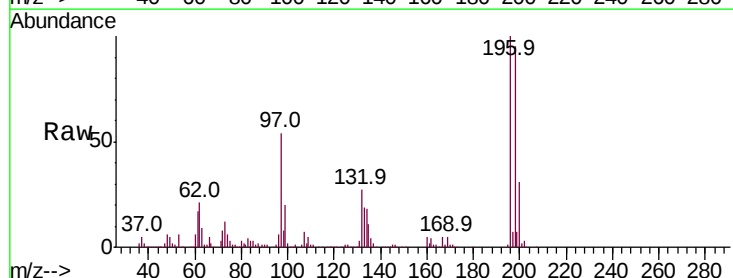
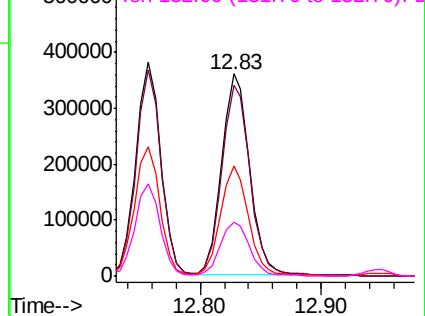
Abundance

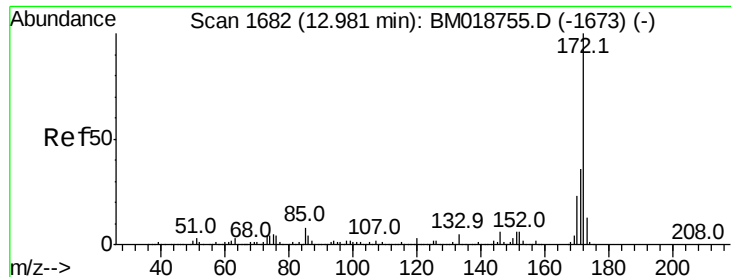
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E

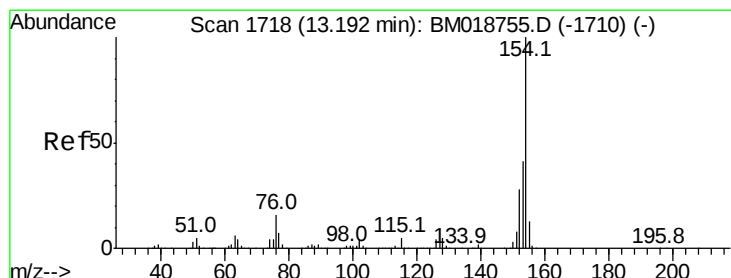
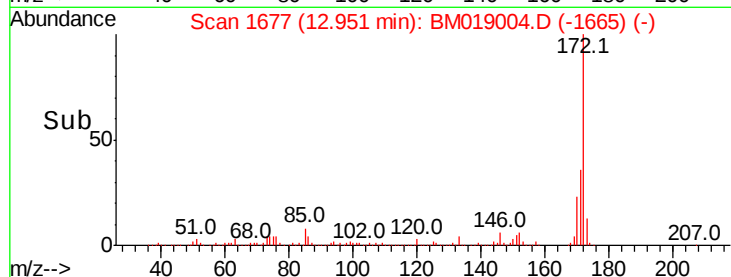
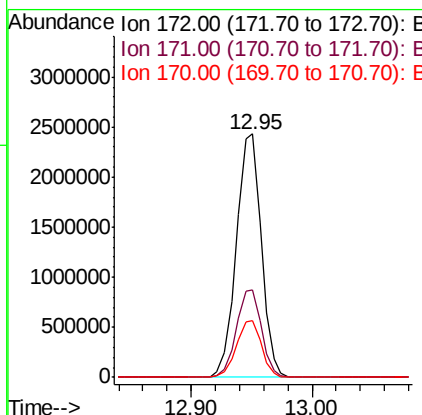
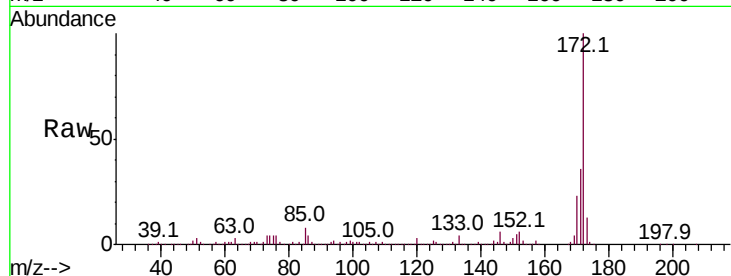




#45
2-Fluorobiphenyl
Concen: 80.891 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.03 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

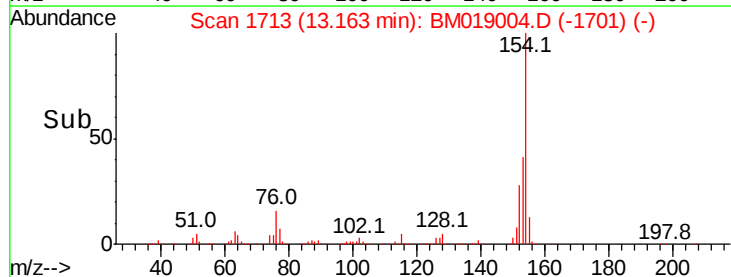
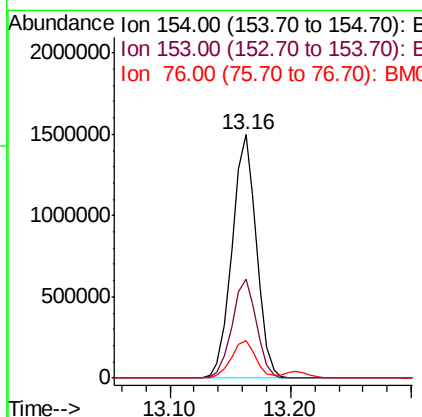
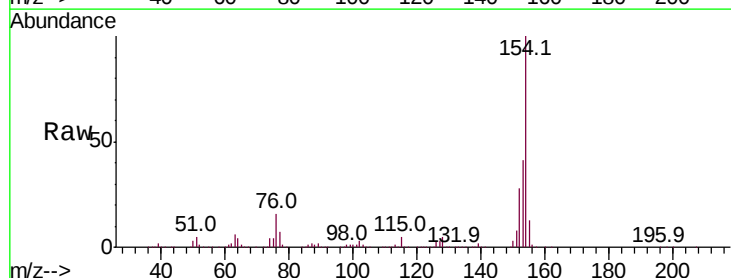
Instrument :
BNA_M
ClientSampleId :

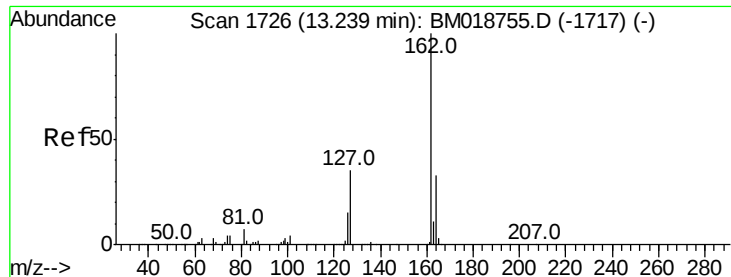
Tot Ion:172 Resp: 3514426
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 42.463 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion:154 Resp: 2108066
Ion Ratio Lower Upper
154 100
153 40.7 21.1 61.1
76 15.7 0.0 35.7



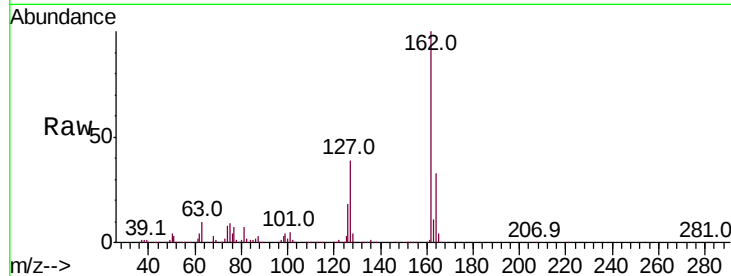


#47
 2-Chloronaphthalene
 Concen: 42.505 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.04 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

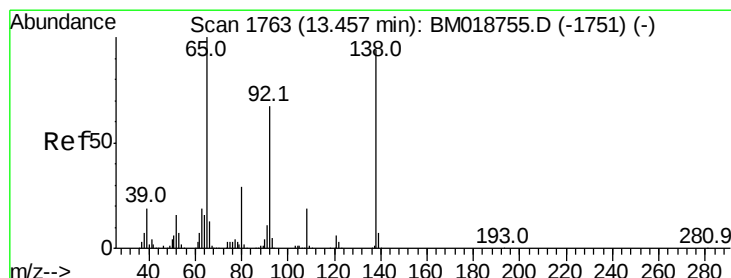
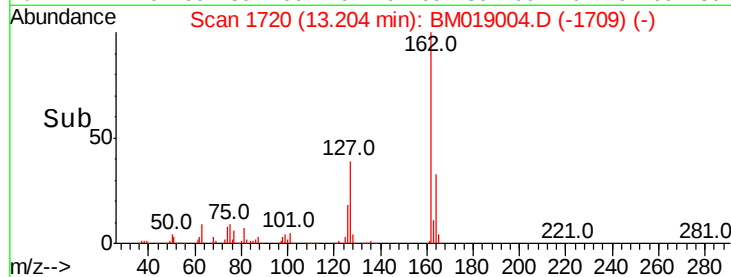
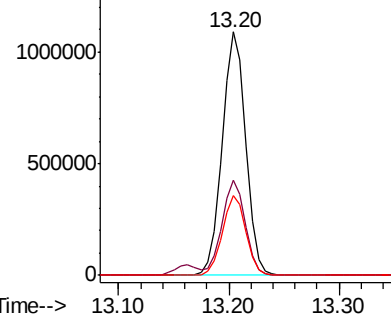
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:162 Resp: 1629855

Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.1	46.7
164	32.6	26.4	39.6



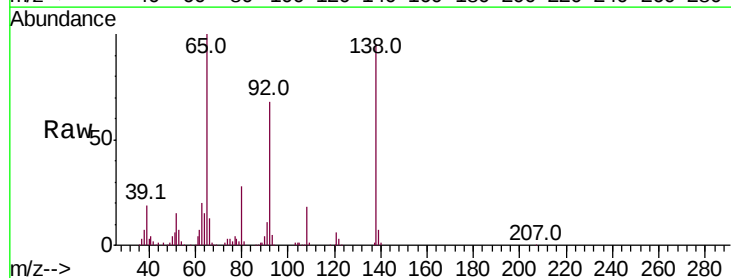
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



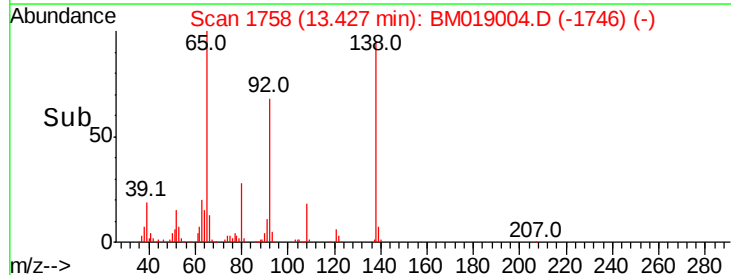
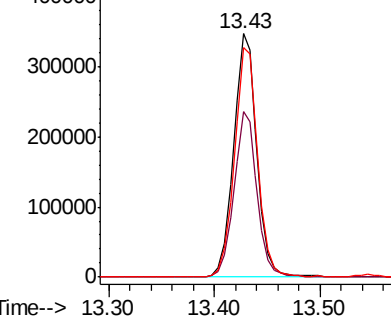
#48
 2-Nitroaniline
 Concen: 41.483 ng
 RT: 13.43 min Scan# 1758
 Delta R.T. -0.03 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

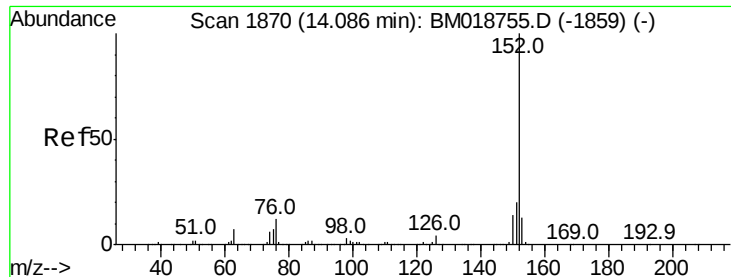
Tgt Ion: 65 Resp: 528292

Ion	Ratio	Lower	Upper
65	100		
92	67.8	54.0	81.0
138	94.5	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: 45.215 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.03 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

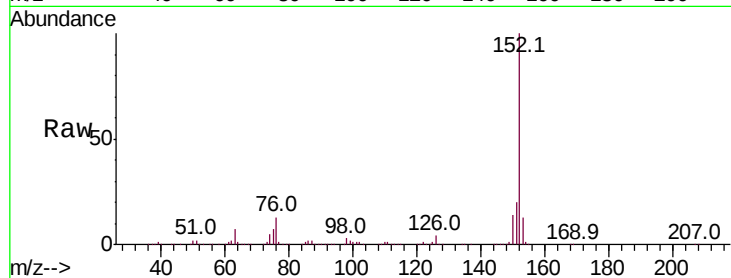
Tot Ion:152 Resp: 2581625

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

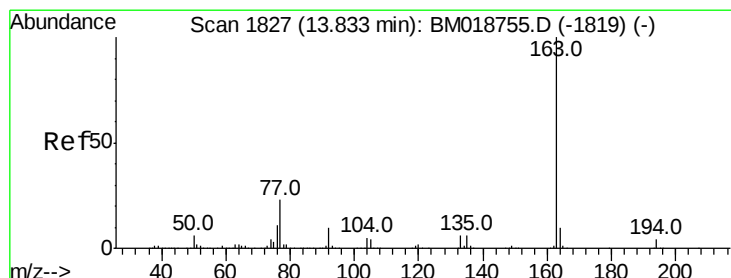
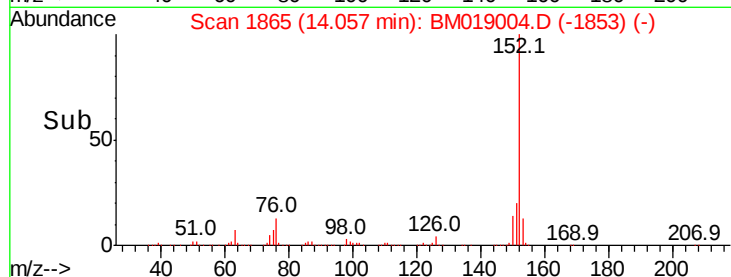
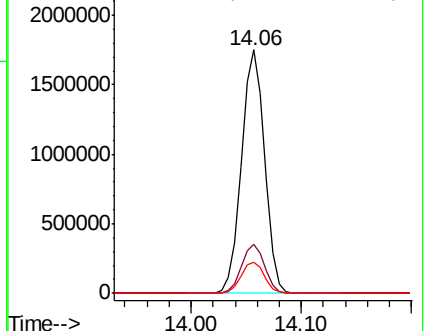
153 12.9 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.144 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

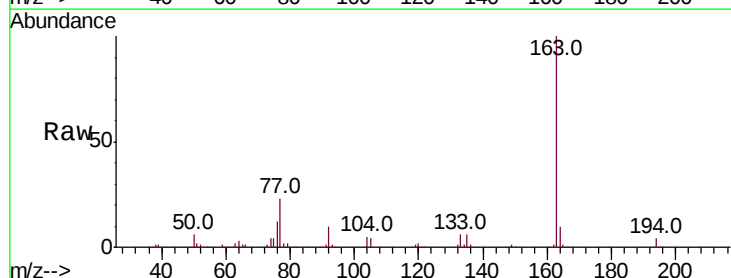
Tgt Ion:163 Resp: 1977622

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

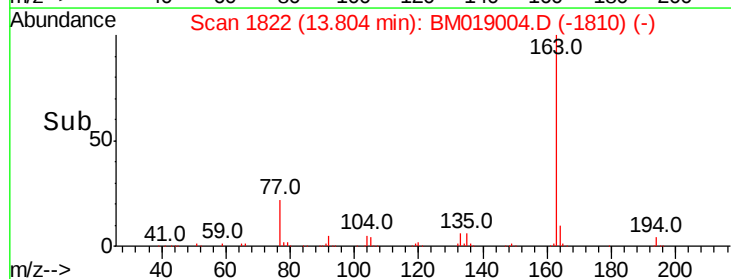
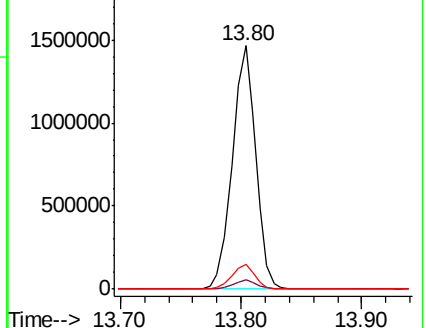
164 10.1 7.8 11.8

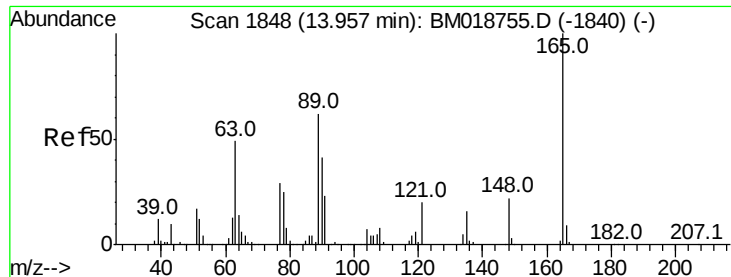


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

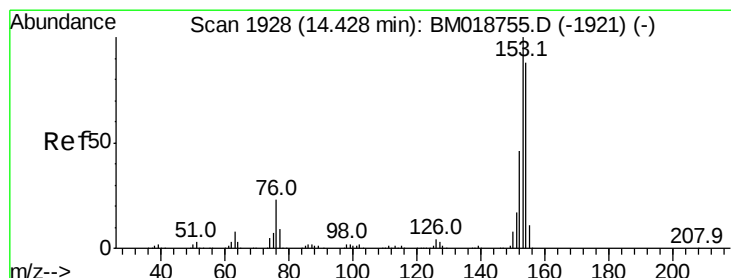
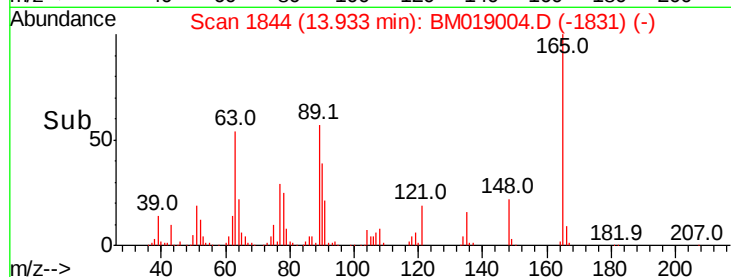
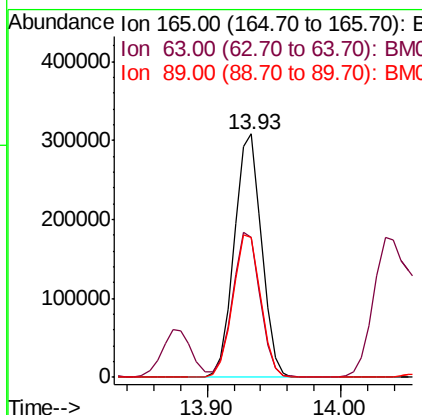
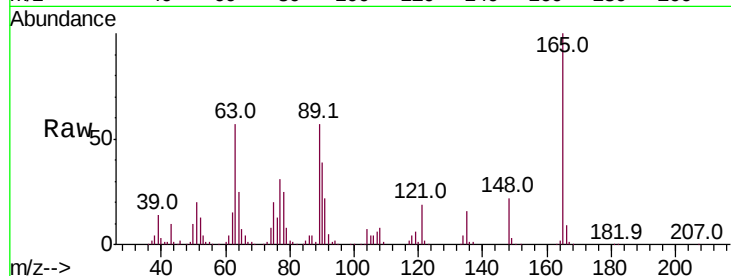




#51
 2,6-Dinitrotoluene
 Concen: 42.100 ng
 RT: 13.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

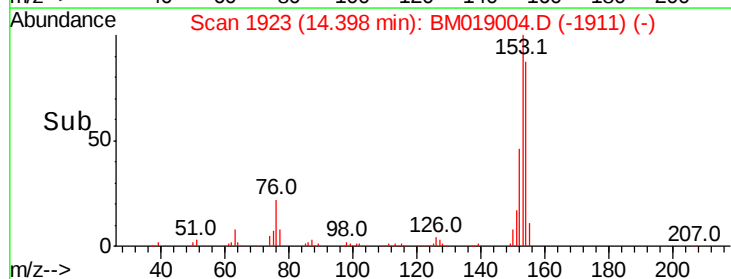
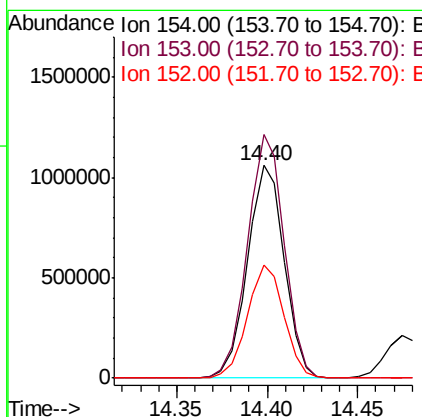
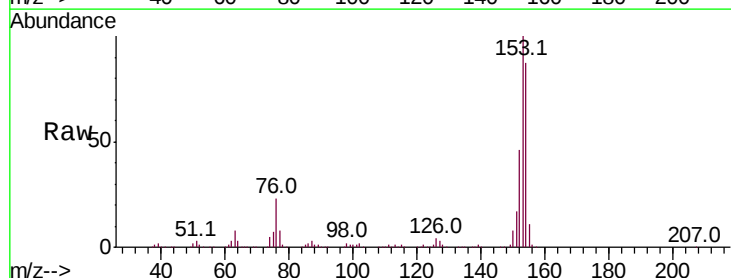
Instrument :
 BNA_M
 ClientSampled :

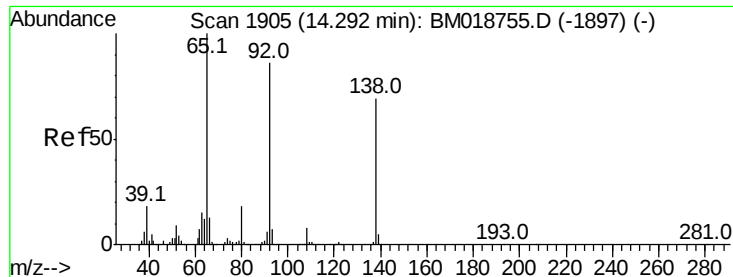
Tot Ion:165 Resp: 438345
 Ion Ratio Lower Upper
 165 100
 63 57.2 48.9 73.3
 89 57.2 49.4 74.0



#52
 Acenaphthene
 Concen: 42.624 ng
 RT: 14.40 min Scan# 1923
 Delta R.T. -0.03 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Tgt Ion:154 Resp: 1492268
 Ion Ratio Lower Upper
 154 100
 153 114.5 91.3 136.9
 152 53.1 42.2 63.4

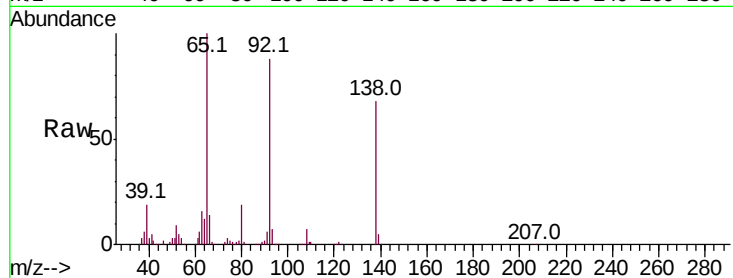




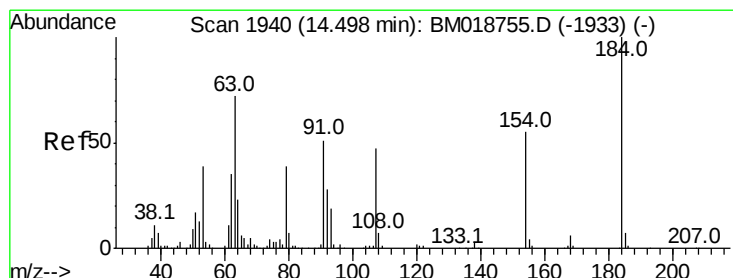
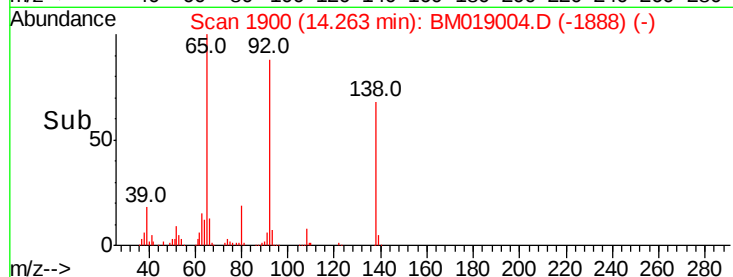
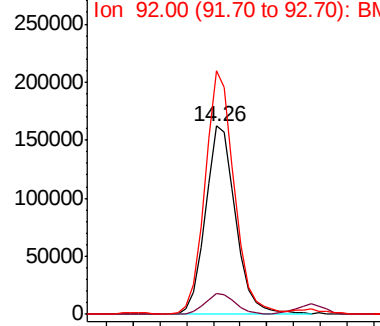
#53
3-Nitroaniline
Concen: 21.660 ng
RT: 14.26 min Scan# 1900
Delta R.T. -0.03 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 254820
Ion Ratio Lower Upper
138 100
108 11.1 9.1 13.7
92 129.3 99.7 149.5

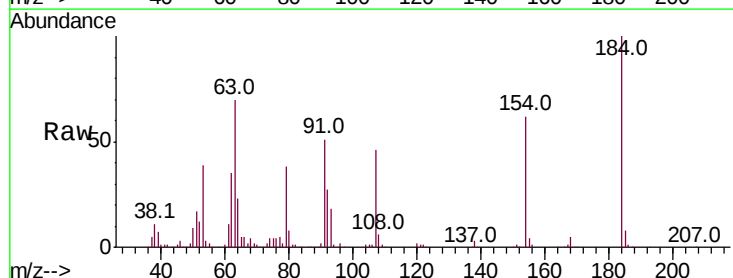


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

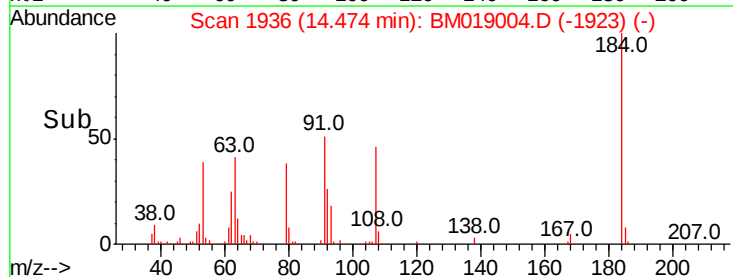
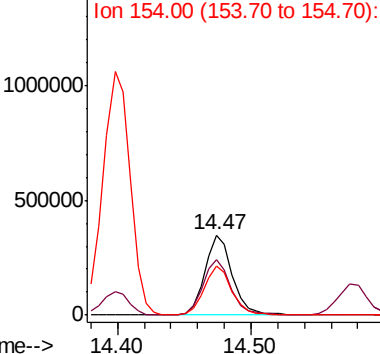


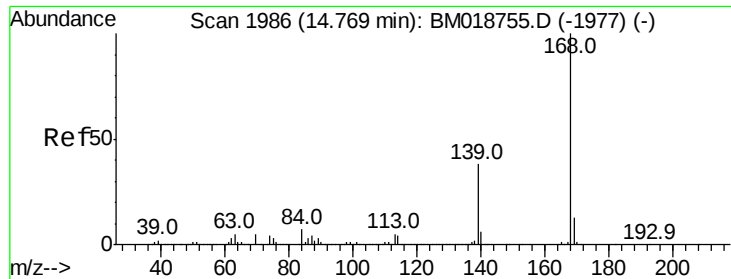
#54
2,4-Dinitrophenol
Concen: 76.661 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion:184 Resp: 504768
Ion Ratio Lower Upper
184 100
63 70.2 58.0 87.0
154 61.6 50.3 75.5



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

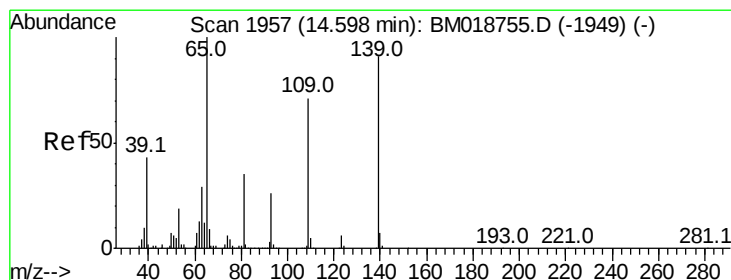
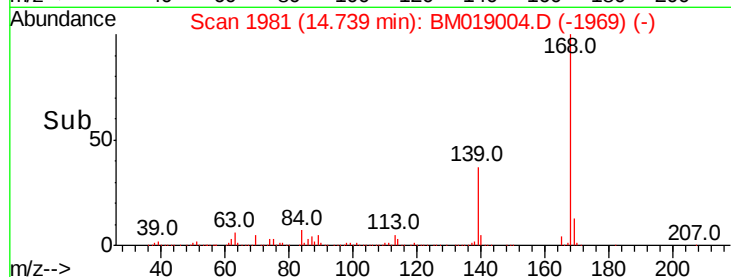
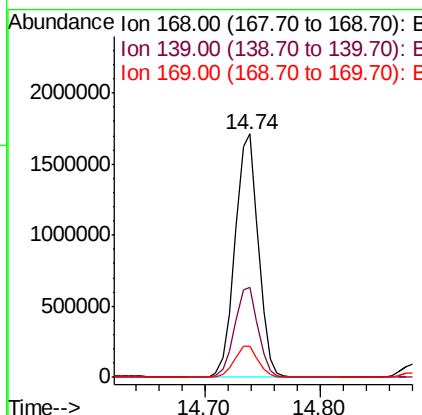
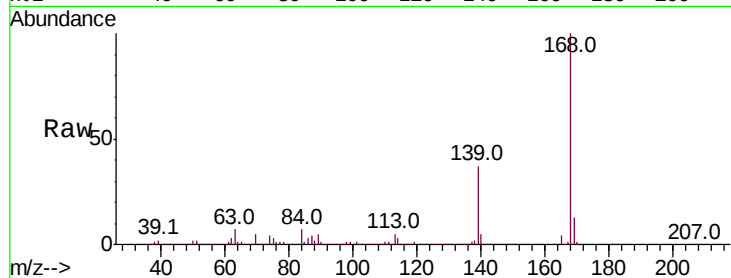




#55
Dibenzofuran
Concen: 41.425 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.03 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

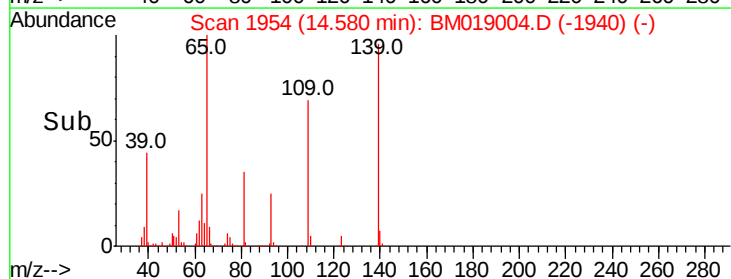
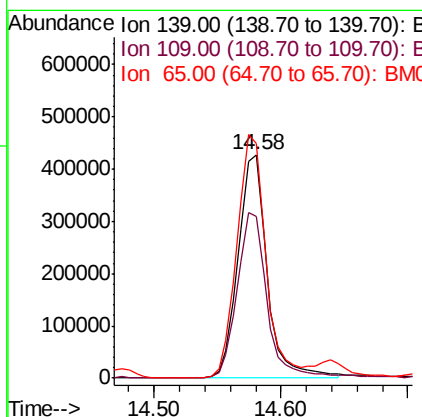
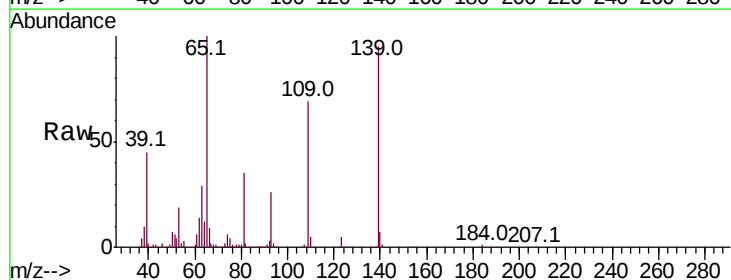
Instrument :
BNA_M
ClientSampled :

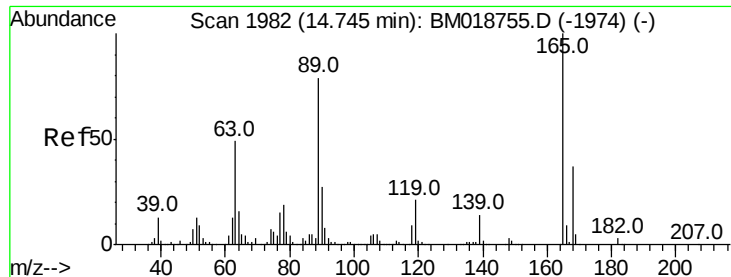
Tot Ion:168 Resp: 2383771
Ion Ratio Lower Upper
168 100
139 37.0 30.7 46.1
169 13.1 10.3 15.5



#56
4-Nitrophenol
Concen: 72.562 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion:139 Resp: 681460
Ion Ratio Lower Upper
139 100
109 72.2 58.4 98.4
65 104.8 89.8 129.8

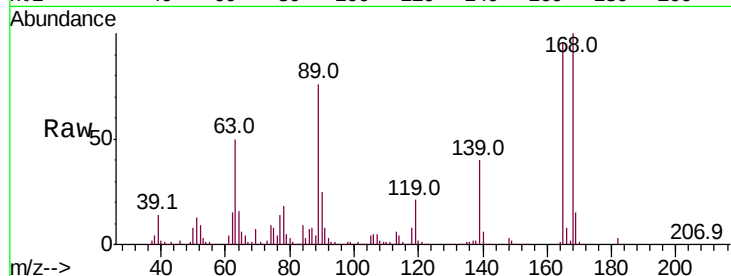




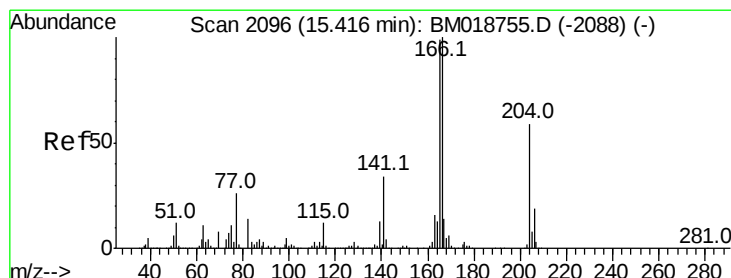
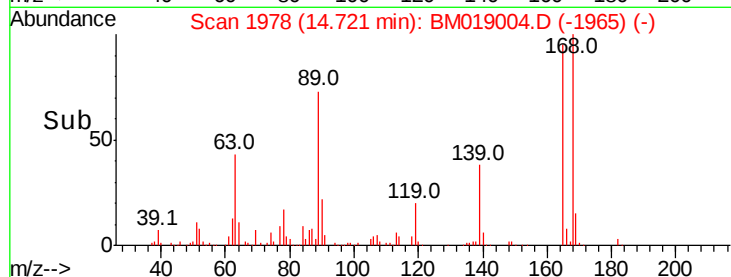
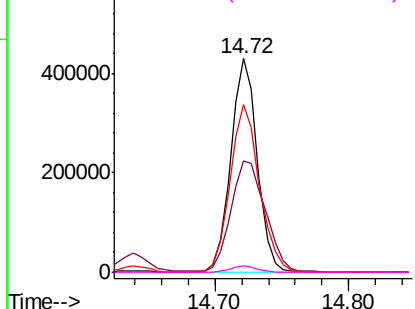
#57
 2,4-Dinitrotoluene
 Concen: 41.223 ng
 RT: 14.72 min Scan# 1978
 Delta R.T. -0.02 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	165	Resp:	591378
Ion	Ratio	Lower	Upper
165	100		
63	52.4	39.6	59.4
89	78.8	63.5	95.3
182	2.9	2.2	3.4

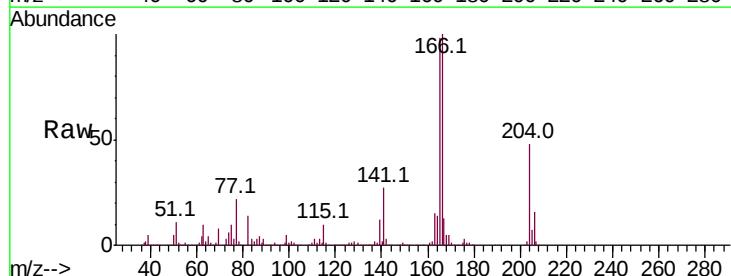


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

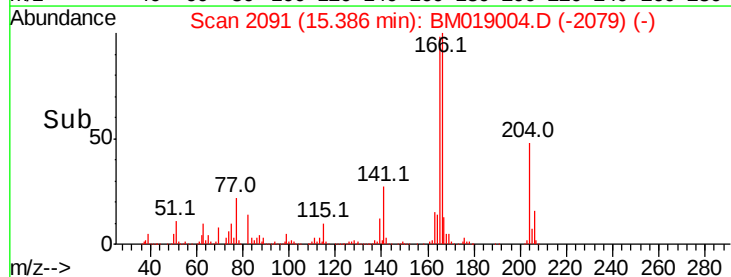
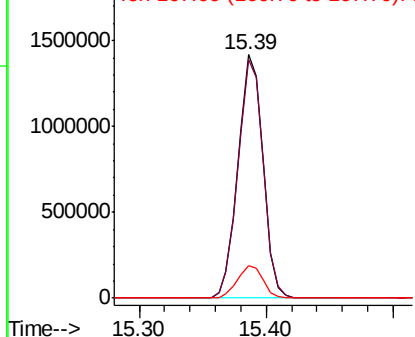


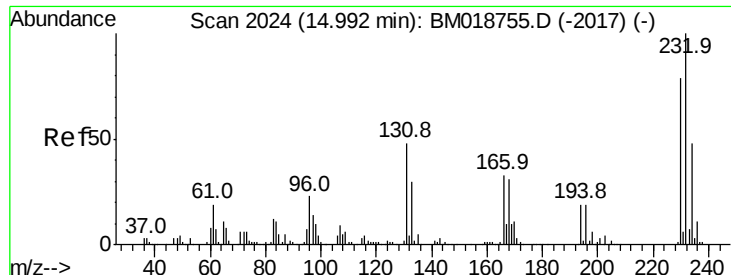
#58
 Fluorene
 Concen: 43.765 ng
 RT: 15.39 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Tgt Ion:	166	Resp:	1926668
Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.1	118.7
167	13.4	11.0	16.4



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

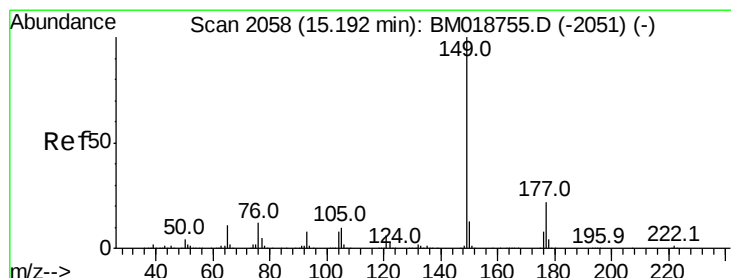
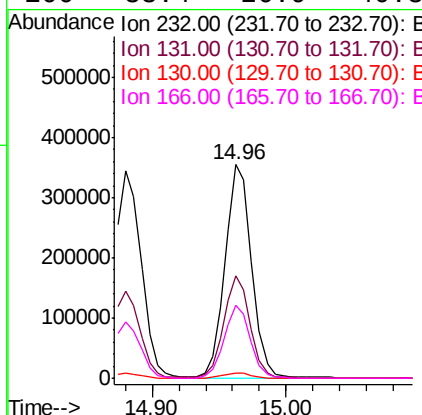
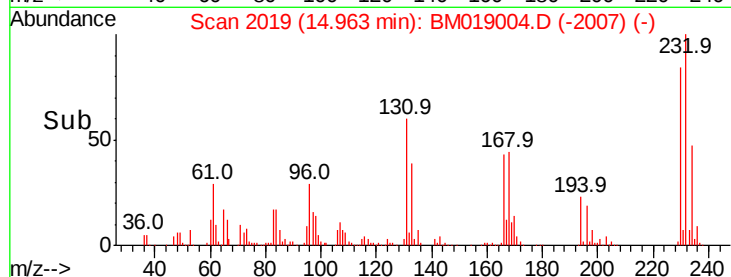
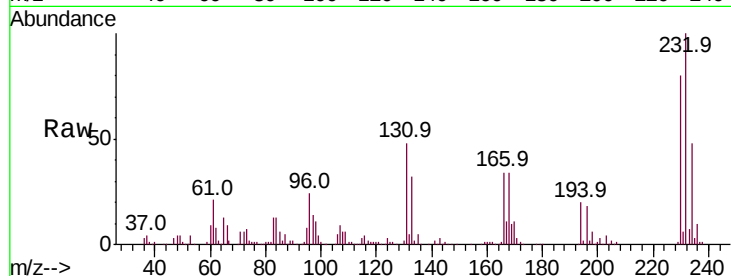




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.592 ng
 RT: 14.96 min Scan# 2019
 Delta R.T. -0.03 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

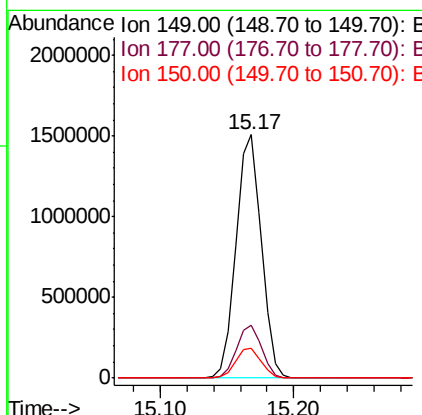
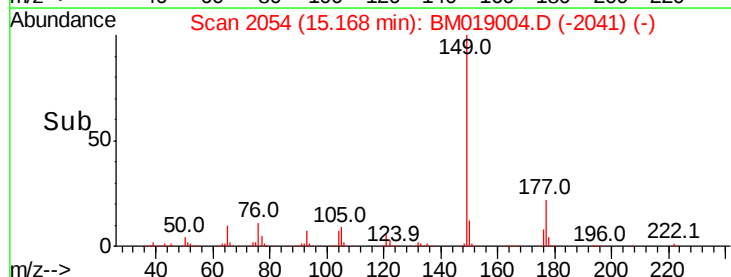
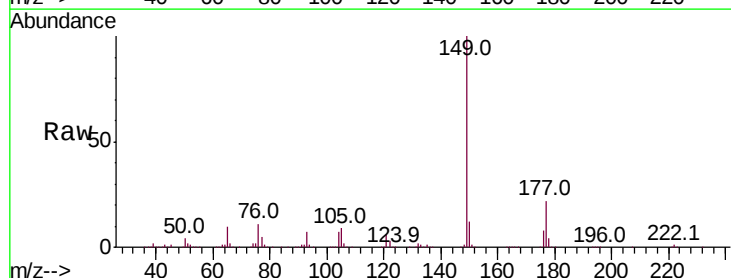
Instrument :
 BNA_M
 ClientSampleId :

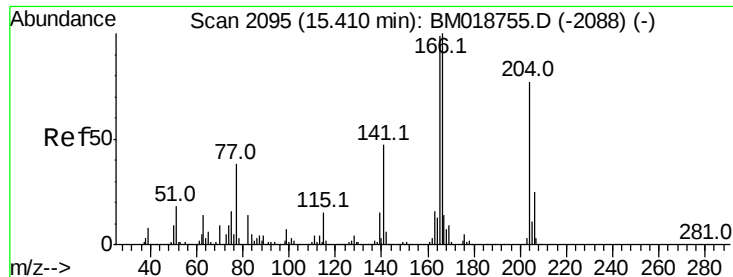
Tot Ion:232 Resp: 493259
 Ion Ratio Lower Upper
 232 100
 131 47.5 38.6 57.8
 130 2.5 2.0 3.0
 166 33.4 26.9 40.3



#60
 Diethylphthalate
 Concen: 40.062 ng
 RT: 15.17 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Tgt Ion:149 Resp: 1986357
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.2 25.8
 150 12.5 10.2 15.2

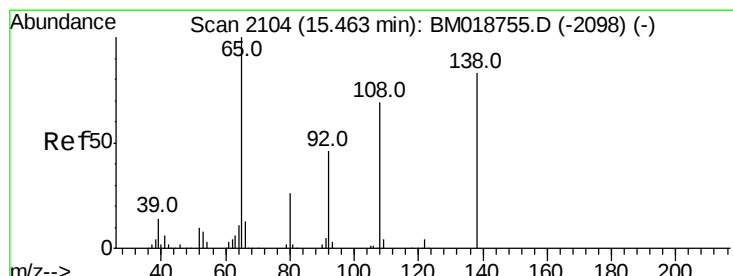
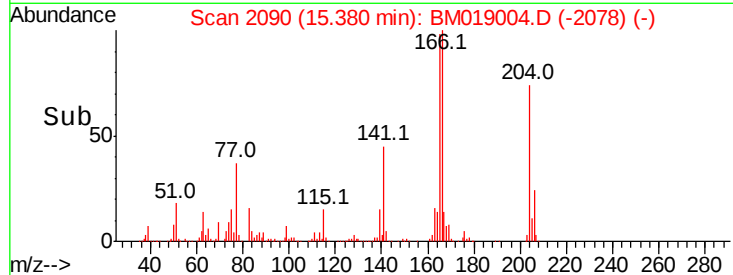
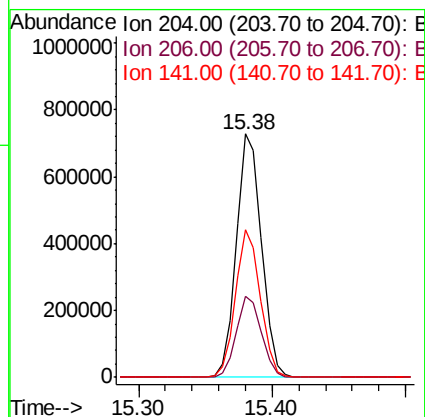
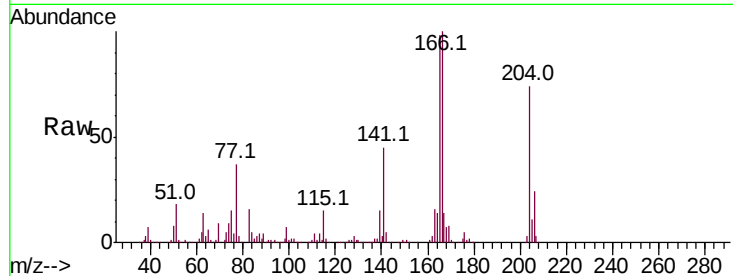




#61
4-Chlorophenyl-phenylether
Concen: 38.737 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.03 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

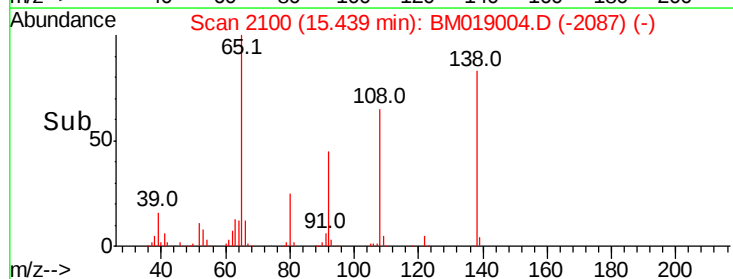
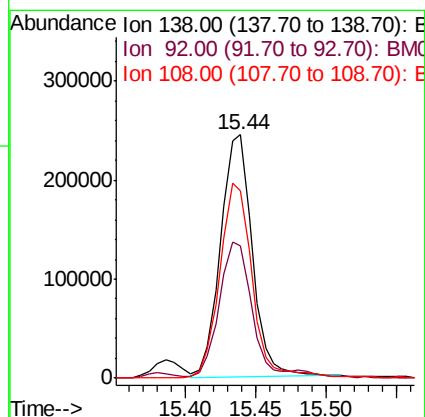
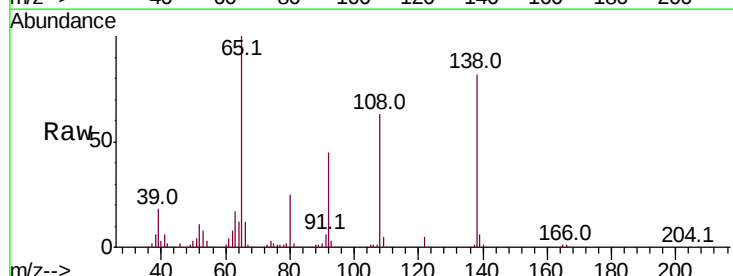
Instrument :
BNA_M
ClientSampled :

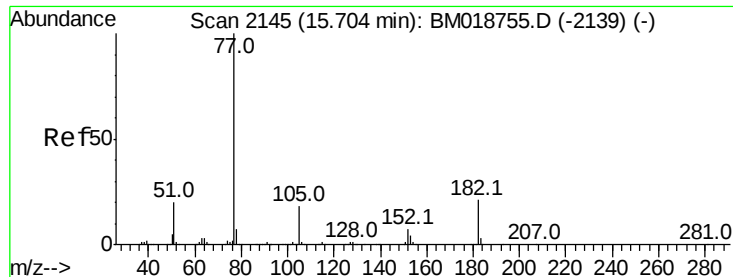
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	60.6	49.2	73.8



#62
4-Nitroaniline
Concen: 33.169 ng
RT: 15.44 min Scan# 2100
Delta R.T. -0.02 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.5	35.5	75.5
108	77.2	62.4	102.4

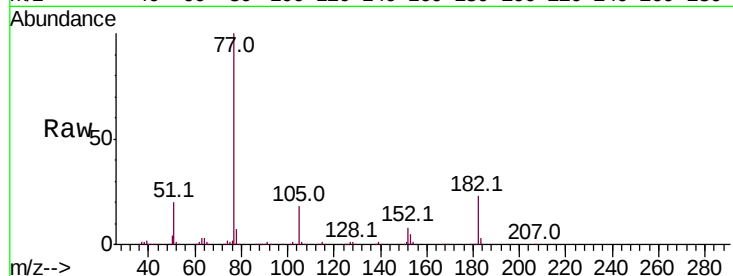




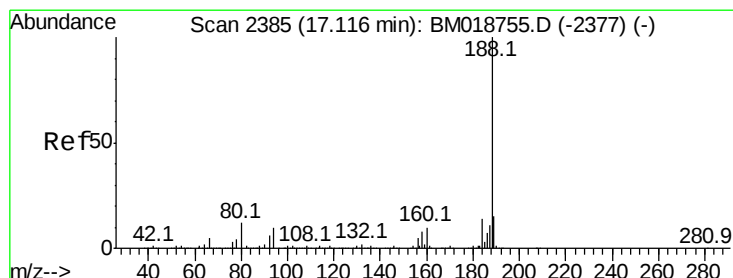
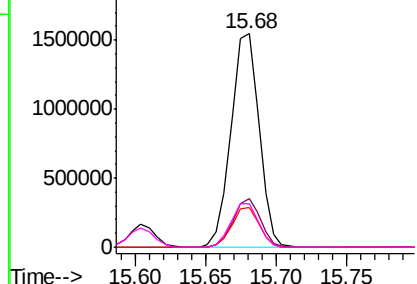
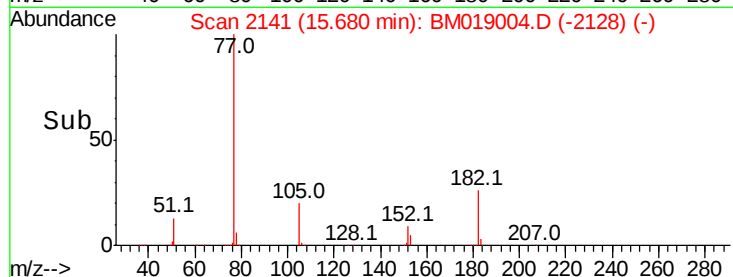
#63
Azobenzene
Concen: 40.385 ng
RT: 15.68 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 2146960
Ion Ratio Lower Upper
77 100
182 22.9 1.0 41.0
105 18.4 0.0 37.7
51 20.3 0.3 40.3

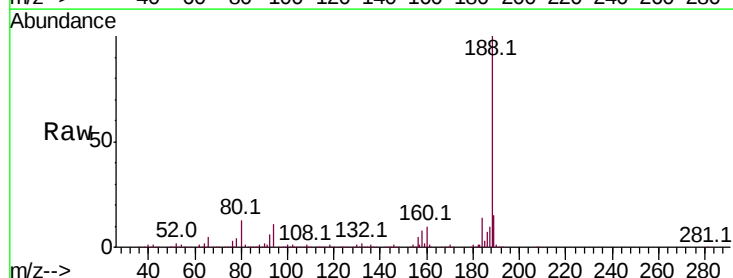


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

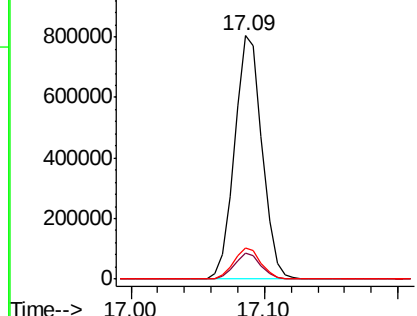
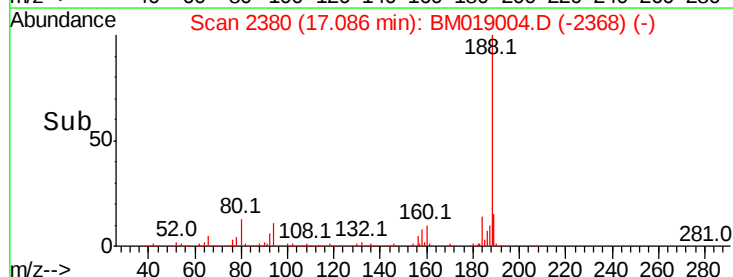


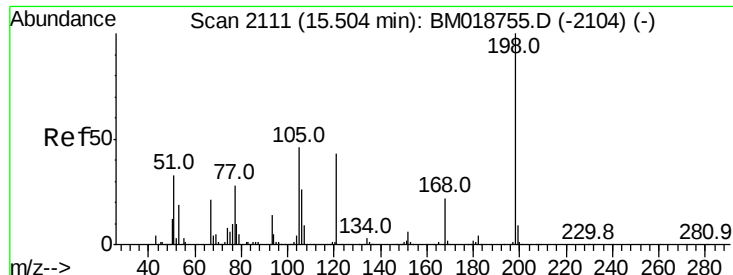
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion: 188 Resp: 1152980
Ion Ratio Lower Upper
188 100
94 10.7 8.2 12.2
80 12.9 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

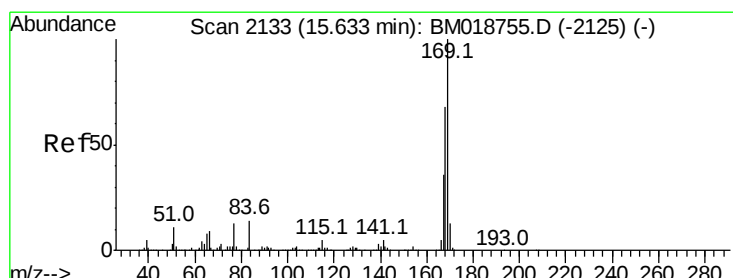
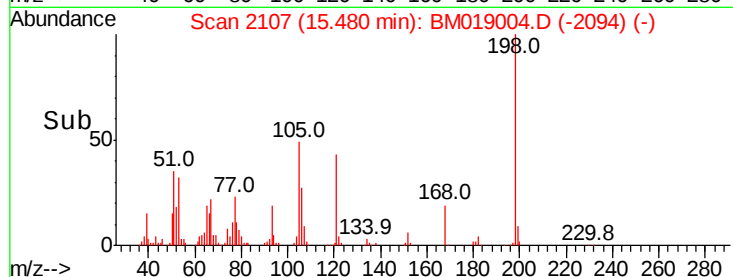
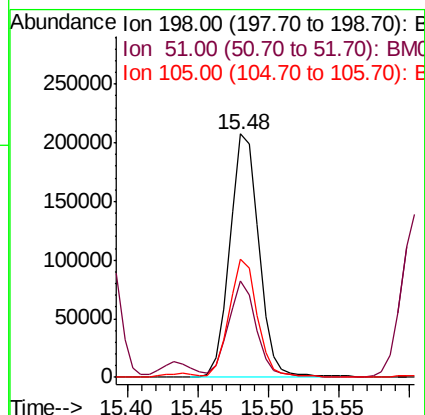
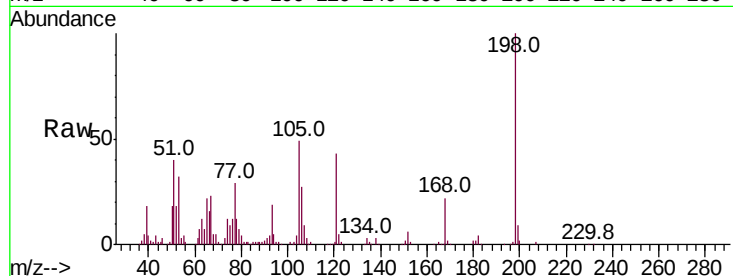




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.865 ng
 RT: 15.48 min Scan# 2107
 Delta R.T. -0.02 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

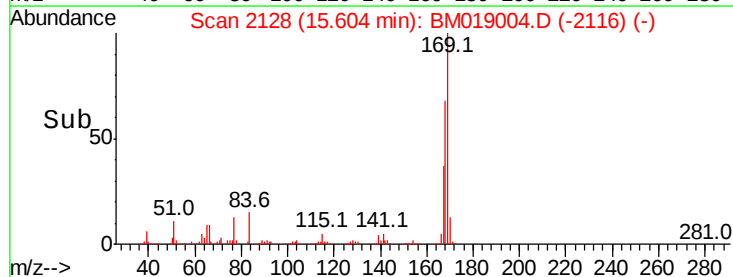
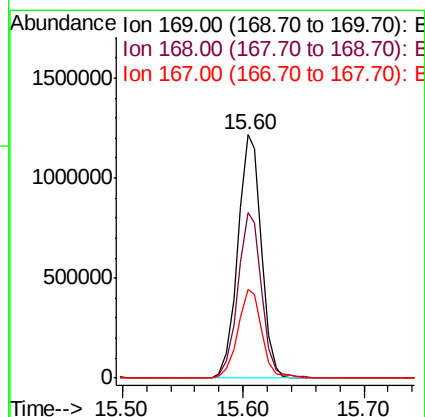
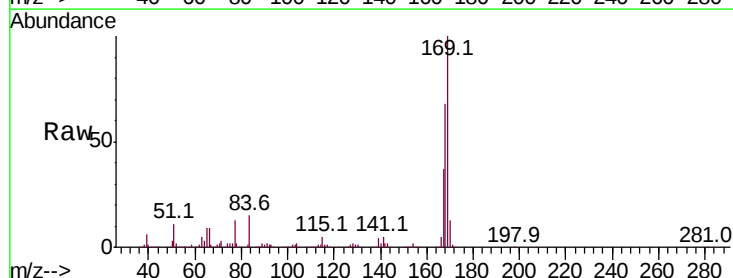
Instrument :
 BNA_M
 ClientSampled :

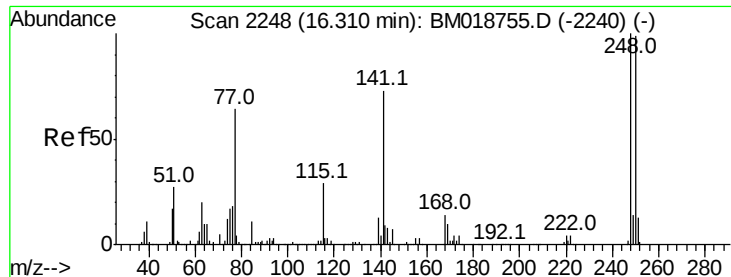
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.5	18.4	58.4
105	48.7	27.2	67.2



#66
 n-Nitrosodiphenylamine
 Concen: 45.240 ng
 RT: 15.60 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.4	81.6
167	36.6	29.0	43.6

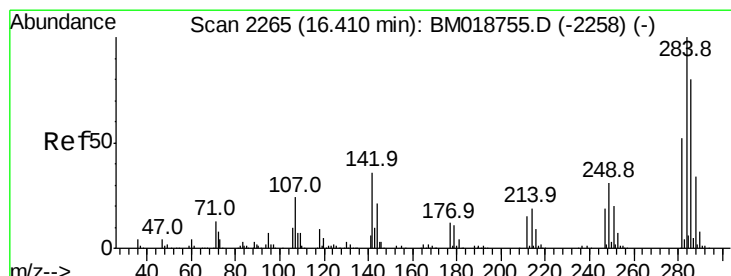
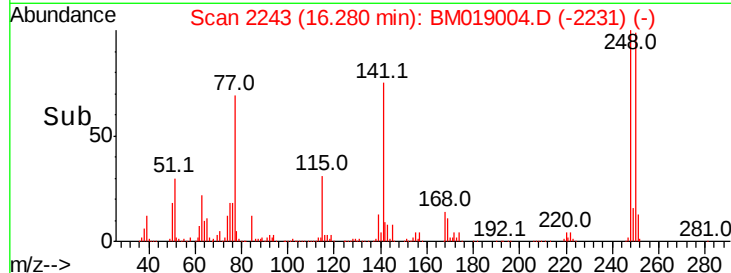
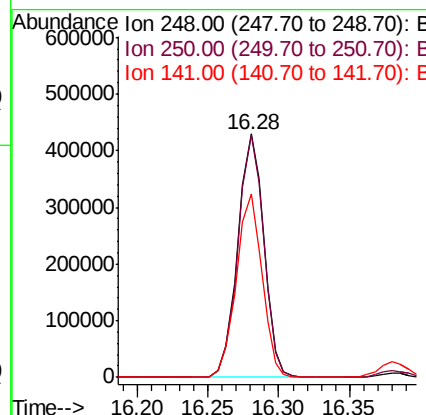
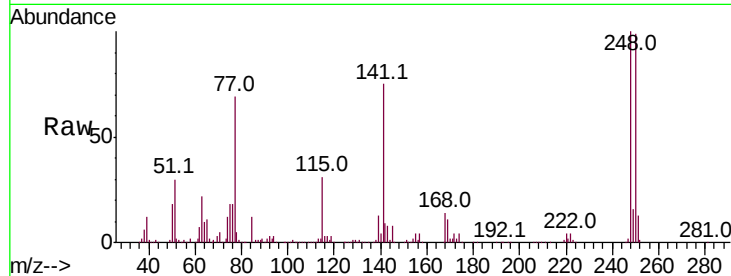




#67
4-Bromophenyl-phenylether
Concen: 43.037 ng
RT: 16.28 min Scan# 2243
Delta R.T. -0.03 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

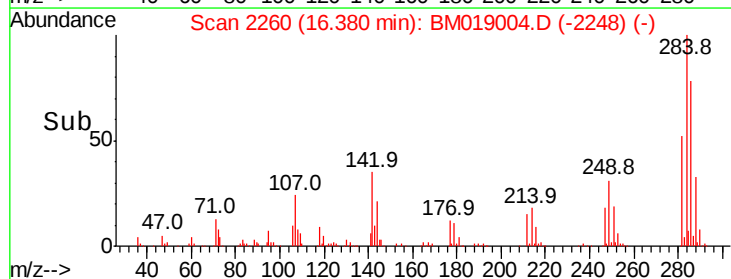
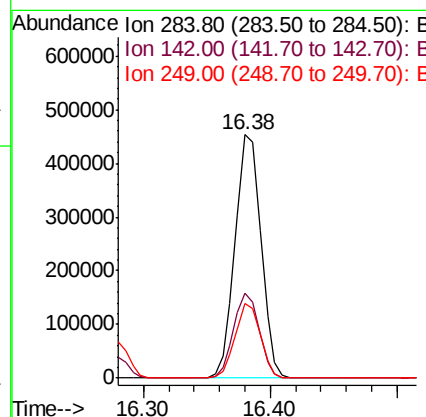
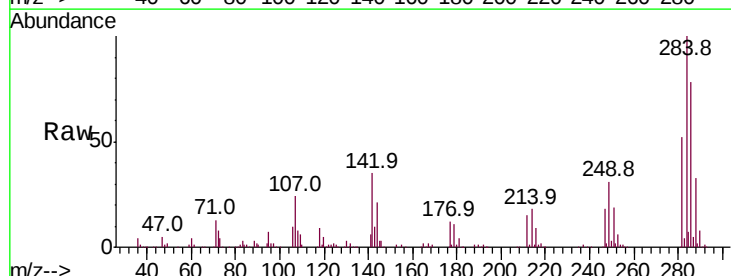
Instrument :
BNA_M
ClientSampled :

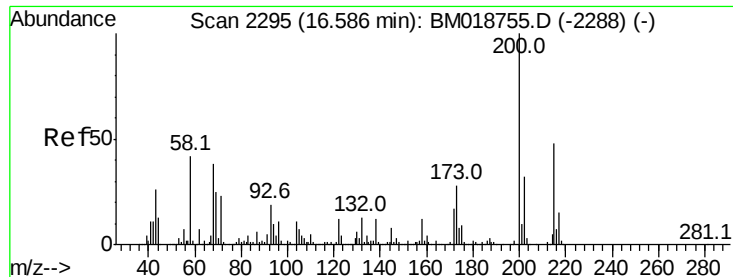
Tot Ion:248 Resp: 555419
Ion Ratio Lower Upper
248 100
250 99.4 79.0 118.6
141 75.4 58.6 88.0



#68
Hexachlorobenzene
Concen: 42.870 ng
RT: 16.38 min Scan# 2260
Delta R.T. -0.03 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion:284 Resp: 643079
Ion Ratio Lower Upper
284 100
142 34.8 28.9 43.3
249 30.5 24.8 37.2

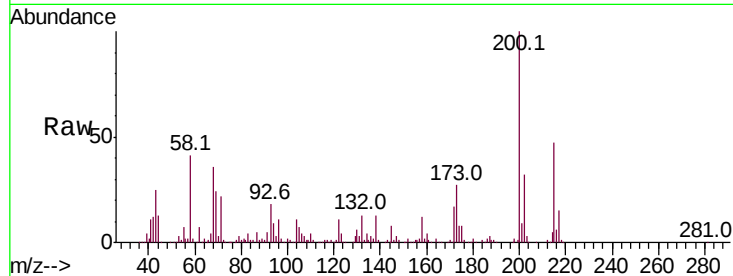




#69
Atrazine
Concen: 45.463 ng
RT: 16.56 min Scan# 2291
Delta R.T. -0.02 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.6	47.6
215	46.8	27.6	67.6

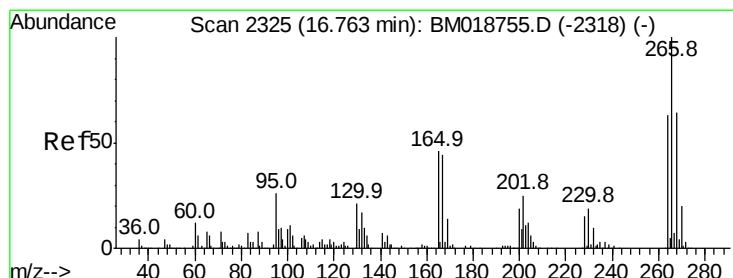
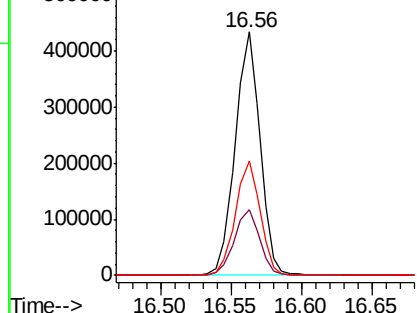
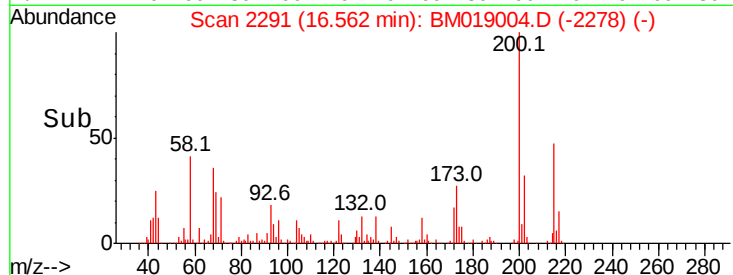


Abundance

Ion 200.00 (199.70 to 200.70): E

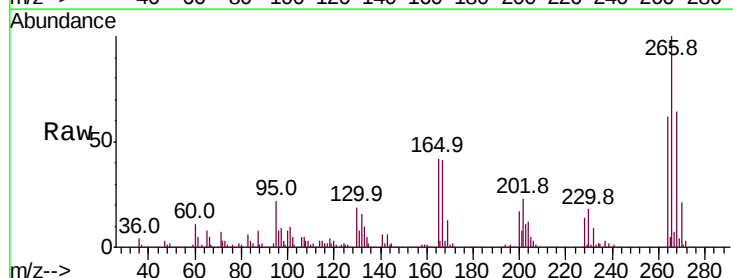
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 76.392 ng
RT: 16.74 min Scan# 2321
Delta R.T. -0.02 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.3	76.9
264	62.5	50.6	75.8

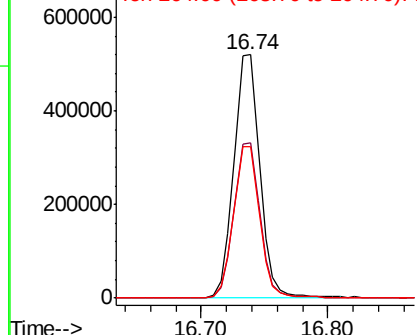
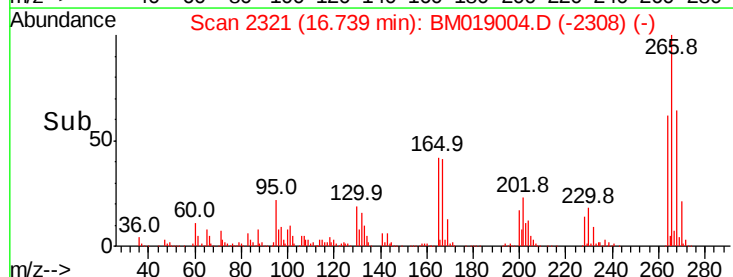


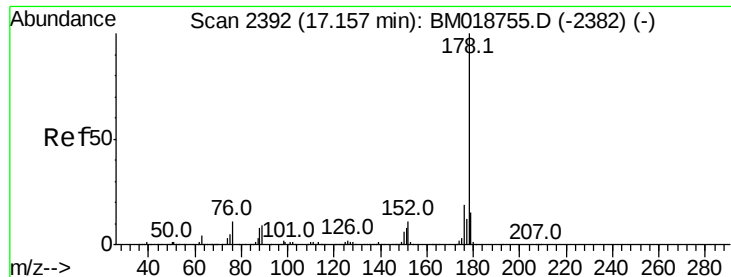
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

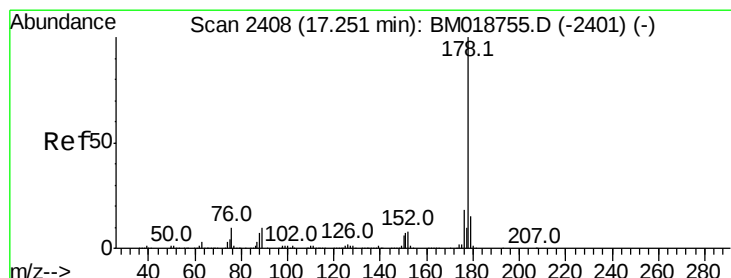
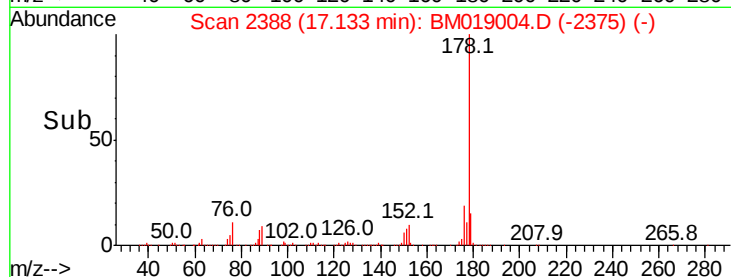
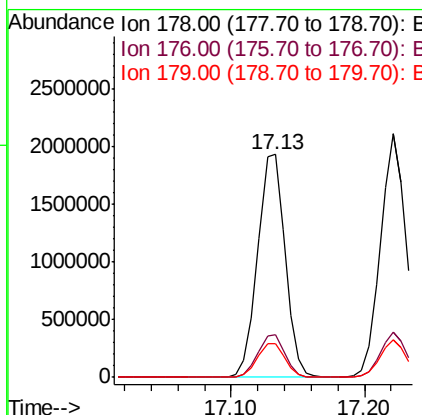
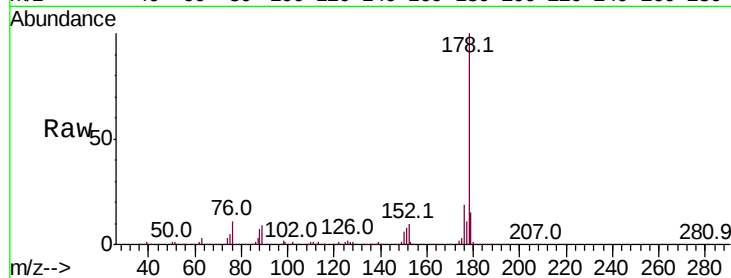




#71
Phenanthrene
Concen: 44.290 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

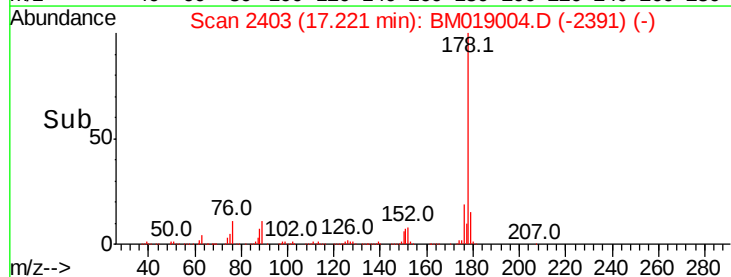
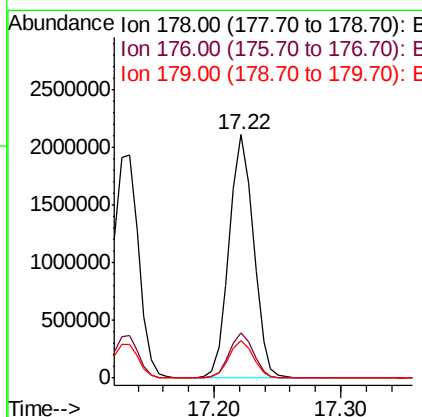
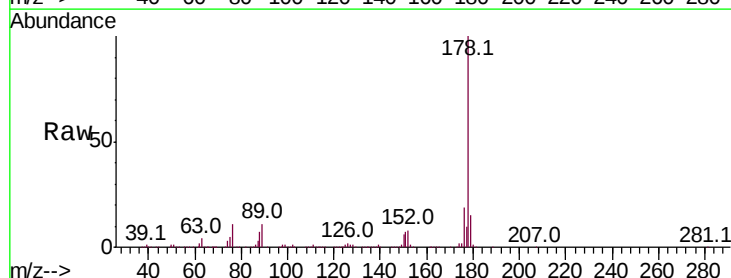
Instrument :
BNA_M
ClientSampleId :

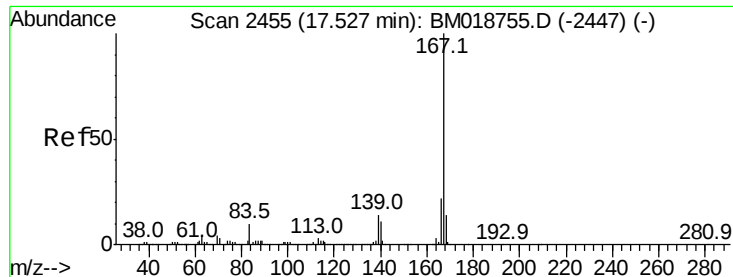
Tot Ion:178 Resp: 2744359
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.3 12.3 18.5



#72
Anthracene
Concen: 46.543 ng
RT: 17.22 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion:178 Resp: 2807047
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.3 12.1 18.1





#73

Carbazole

Concen: 38.047 ng

RT: 17.50 min Scan# 2451

Delta R.T. -0.02 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

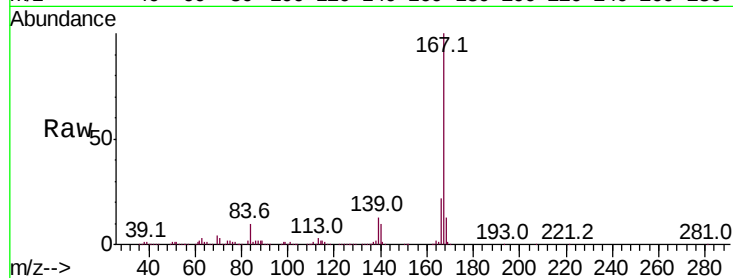
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 2397342

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	12.8	10.9	16.3

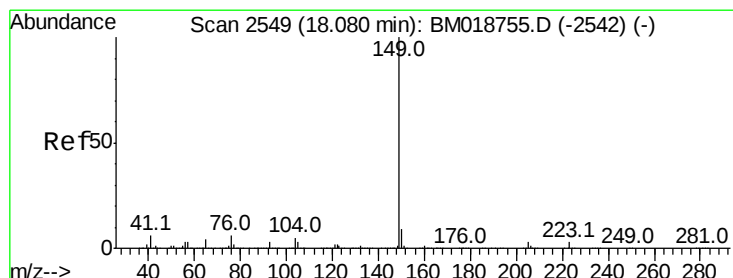
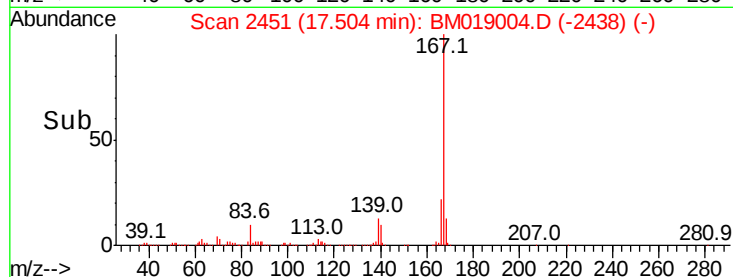
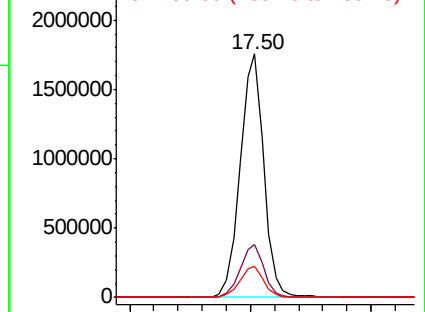


Abundance

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: 43.207 ng

RT: 18.06 min Scan# 2545

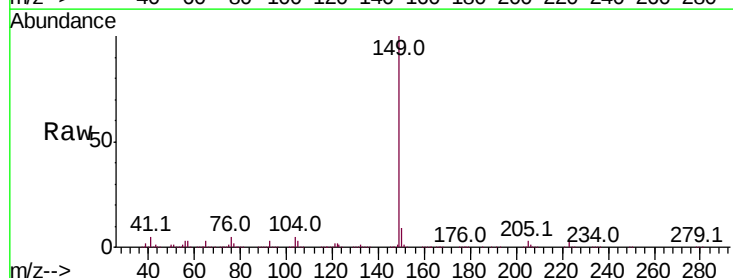
Delta R.T. -0.02 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Tgt Ion:149 Resp: 3131042

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.1	4.3	6.5

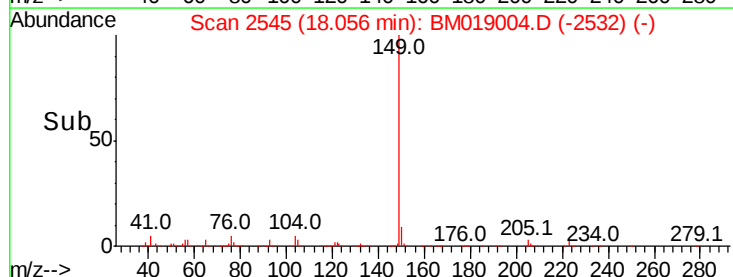
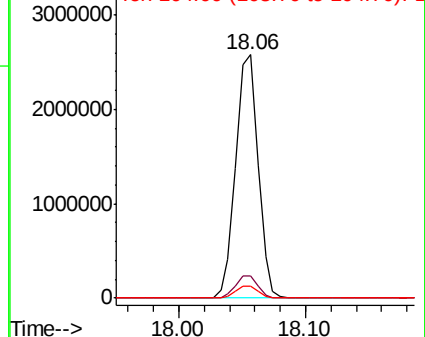


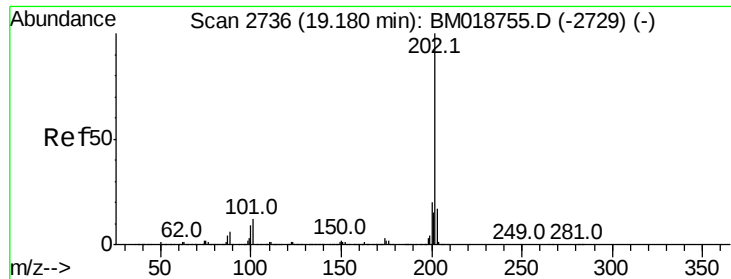
Abundance

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: 37.944 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.03 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampled :

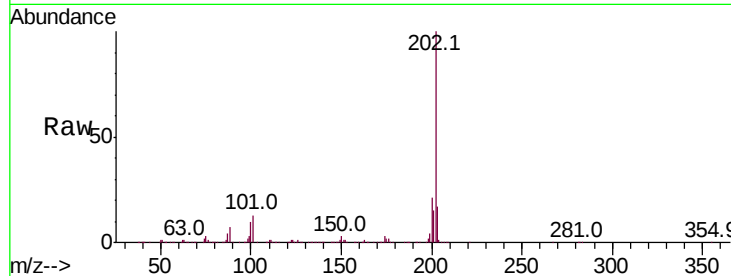
Tot Ion:202 Resp: 2715851

Ion Ratio Lower Upper

202 100

101 13.0 0.0 31.5

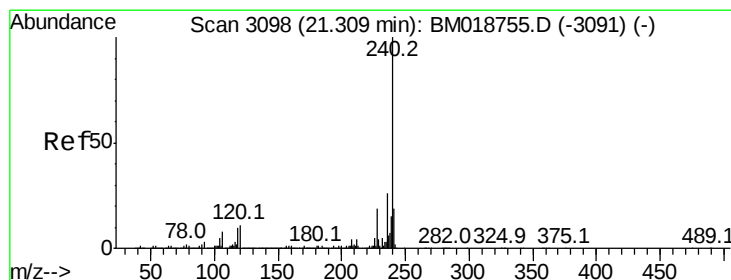
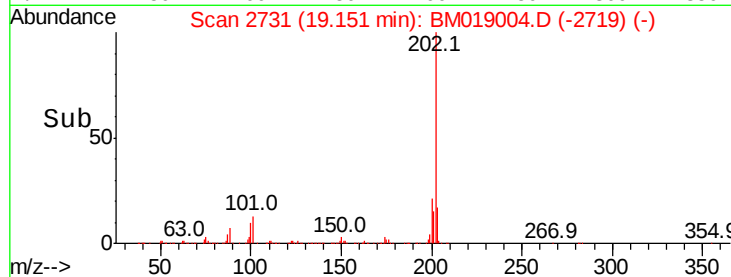
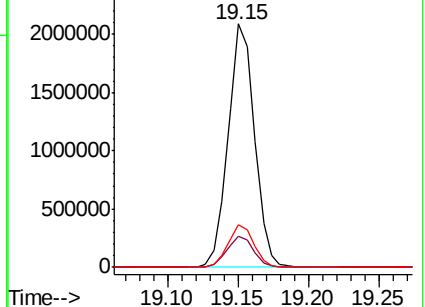
203 17.5 0.0 37.3



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: 21.29 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

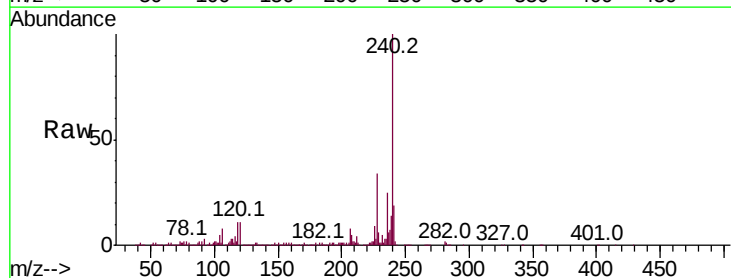
Tgt Ion:240 Resp: 817863

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

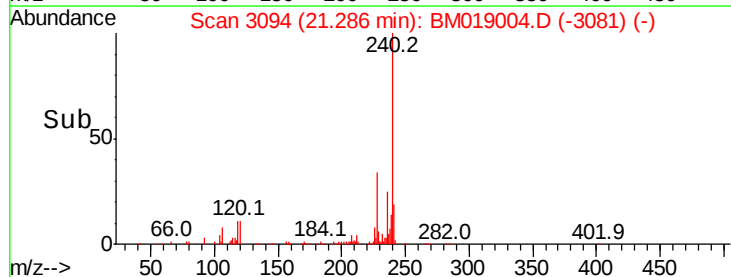
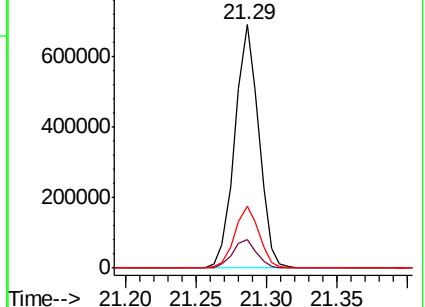
236 25.4 20.9 31.3

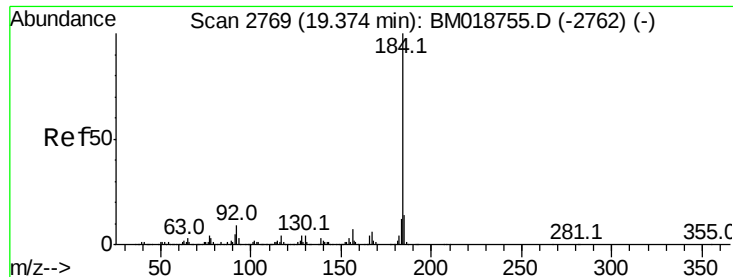


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 69.756 ng

RT: 19.36 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

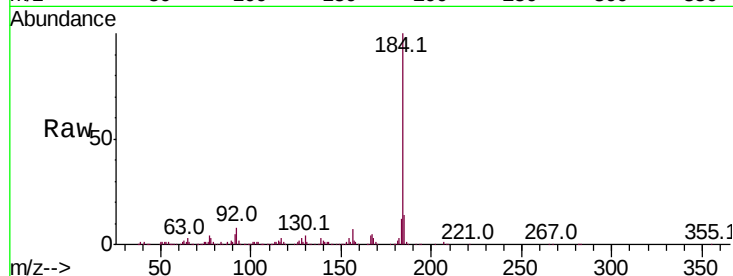
Tot Ion:184 Resp: 1284863

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.2	16.8
183	12.0	9.7	14.5

184 100

185 14.2 11.2 16.8

183 12.0 9.7 14.5

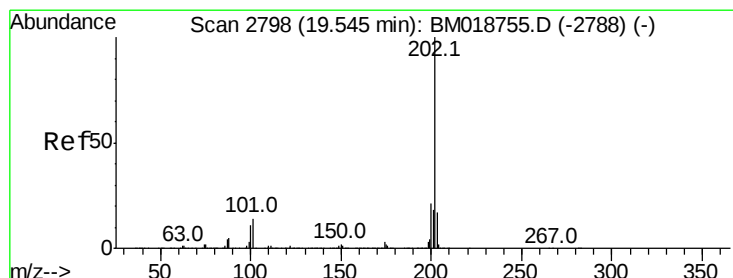
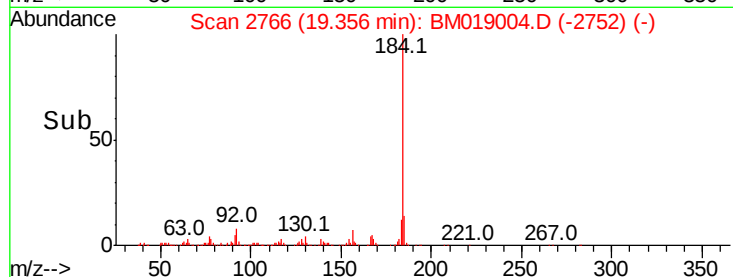
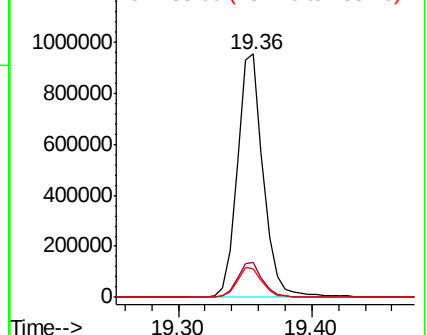


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 57.012 ng

RT: 19.52 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

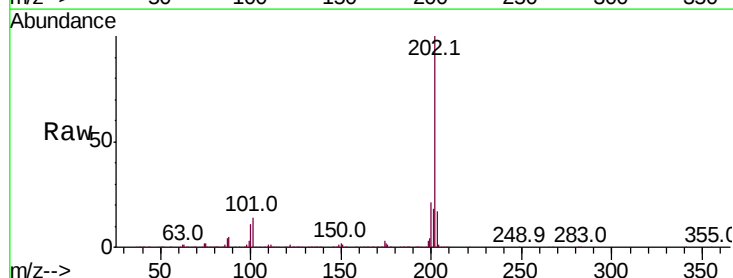
Tgt Ion:202 Resp: 2708106

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.4	13.8	20.8

202 100

200 20.8 16.9 25.3

203 17.4 13.8 20.8

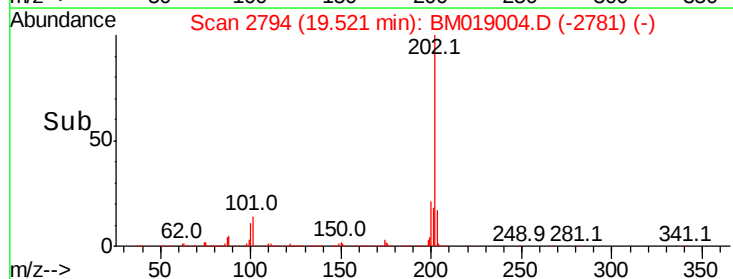
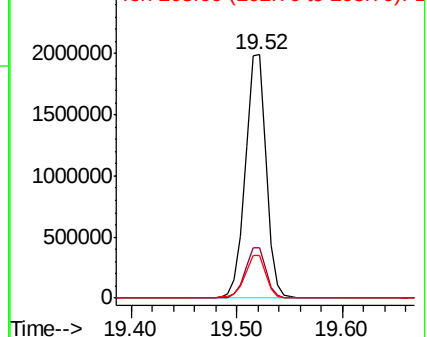


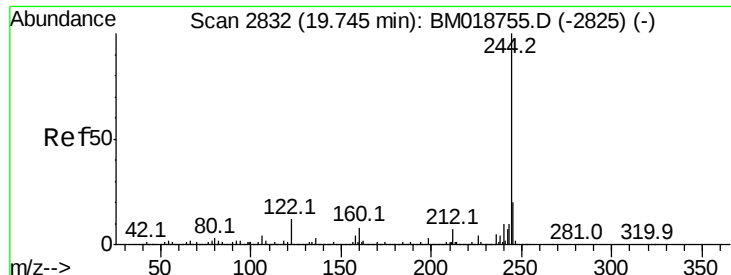
Abundance

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

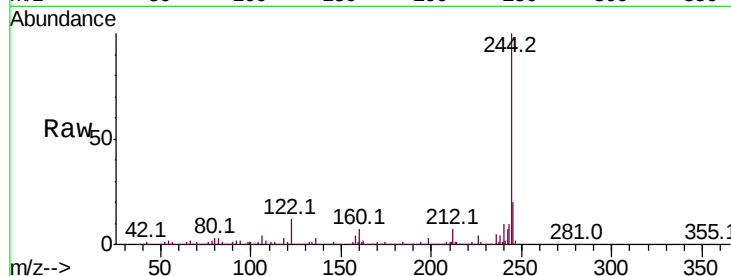




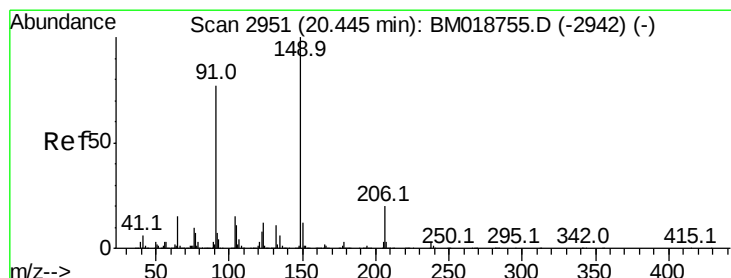
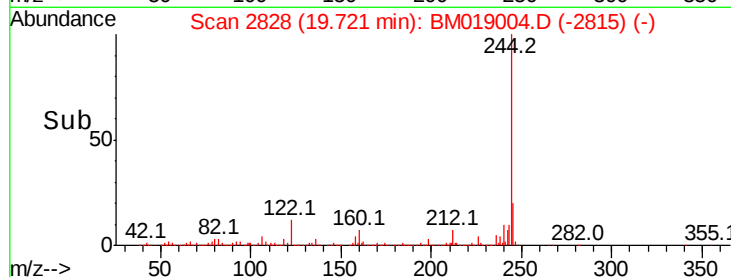
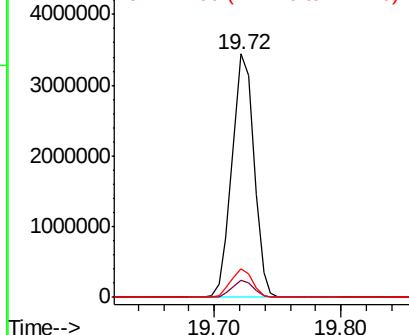
#79
 Terphenyl-d14
 Concen: 104.016 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.02 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 4123871
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.6 9.3 13.9

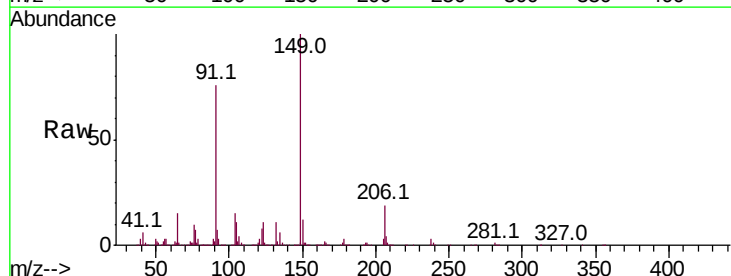


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

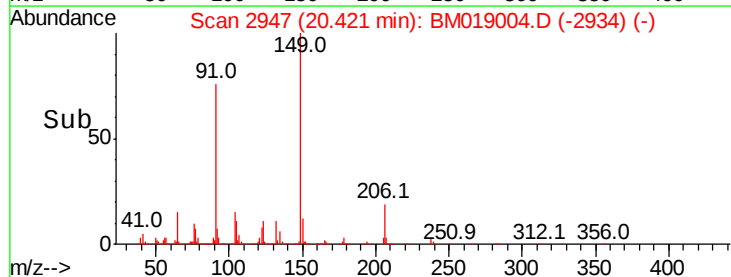
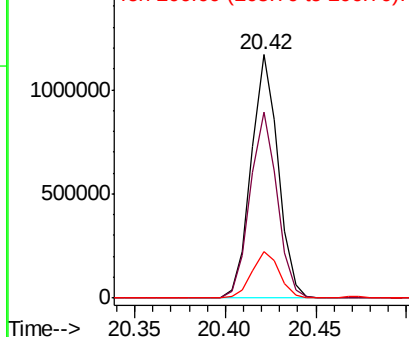


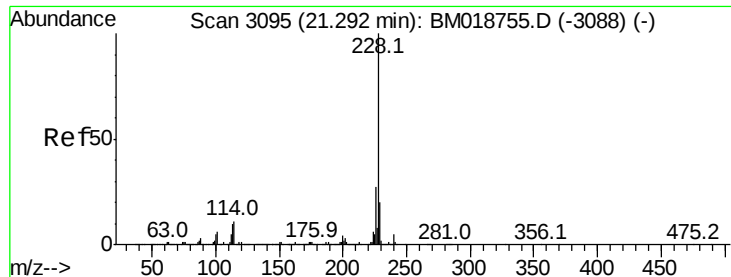
#80
 Butylbenzylphthalate
 Concen: 55.596 ng
 RT: 20.42 min Scan# 2947
 Delta R.T. -0.02 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Tgt Ion:149 Resp: 1203534
 Ion Ratio Lower Upper
 149 100
 91 76.5 61.4 92.0
 206 19.0 15.8 23.8



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: 43.758 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampled :

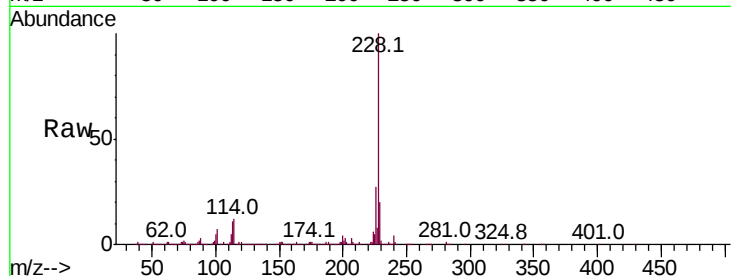
Tot Ion:228 Resp: 2086166

Ion Ratio Lower Upper

228 100

226 27.2 21.9 32.9

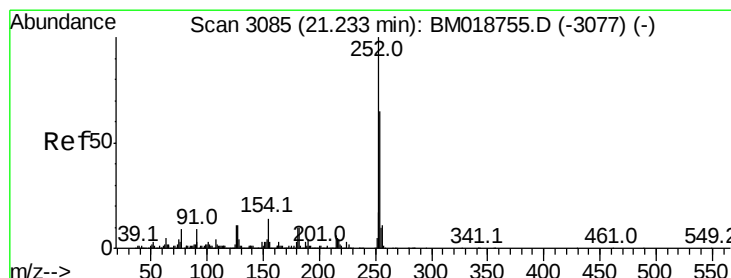
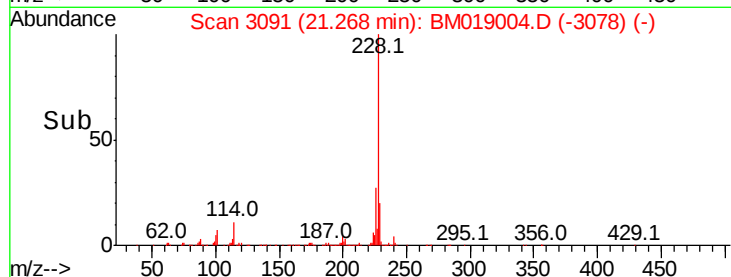
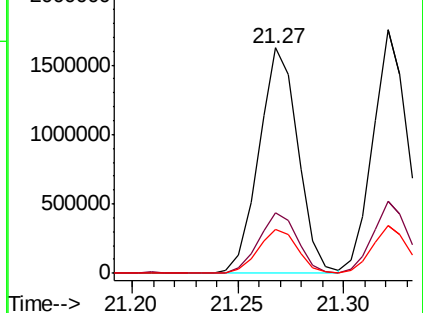
229 19.5 15.9 23.9



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: 31.044 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.02 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

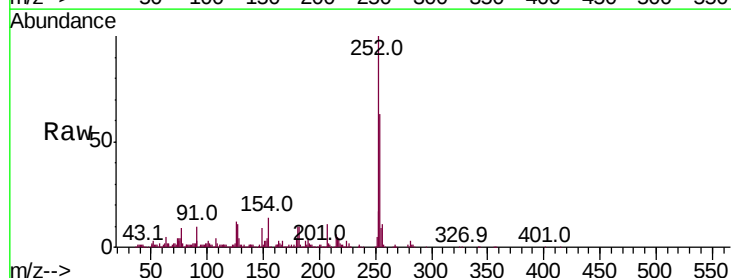
Tgt Ion:252 Resp: 584922

Ion Ratio Lower Upper

252 100

254 62.8 51.8 77.8

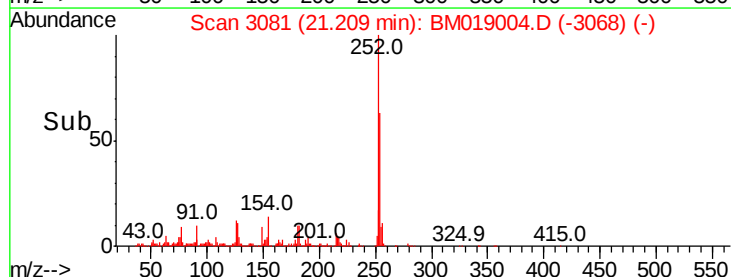
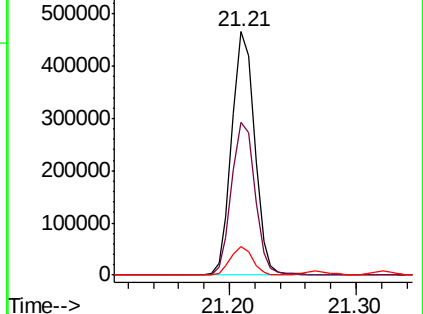
126 11.8 9.1 13.7

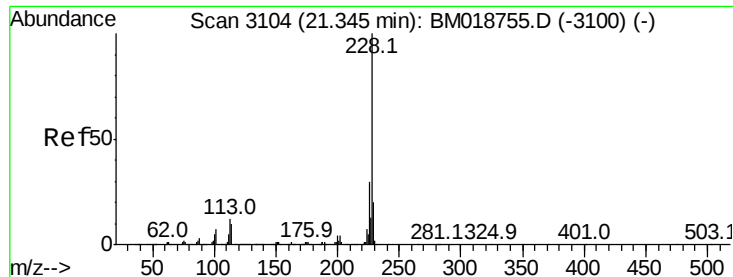


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

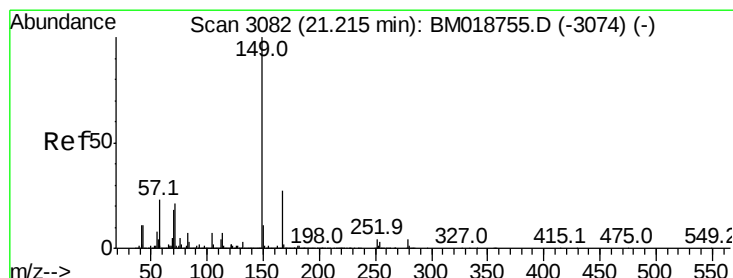
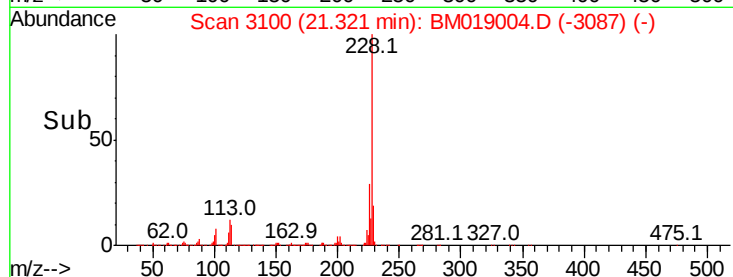
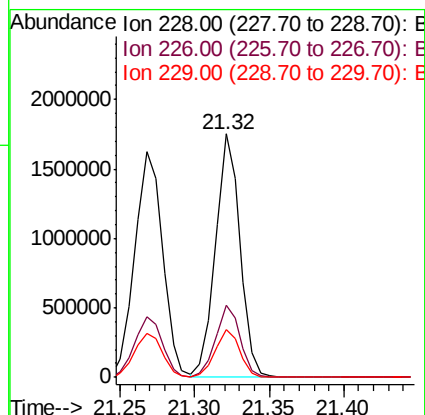
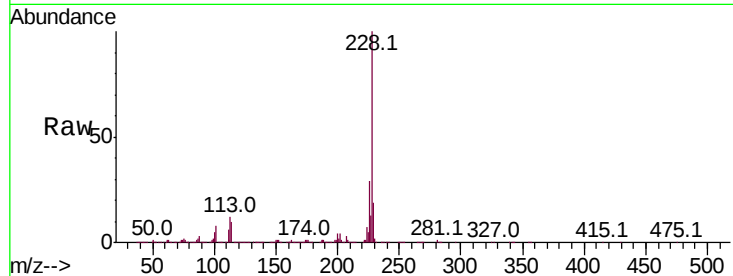




#83
Chrysene
Concen: 43.964 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

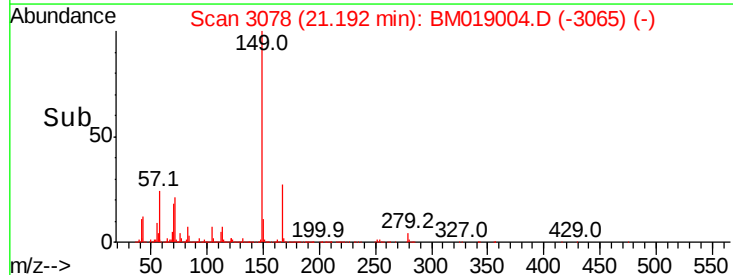
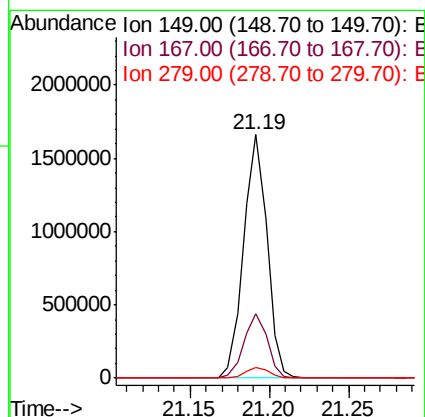
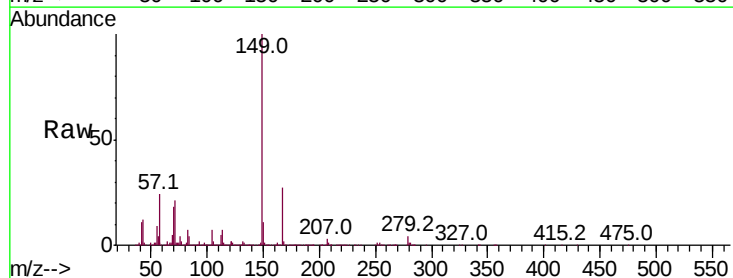
Instrument :
BNA_M
ClientSampleId :

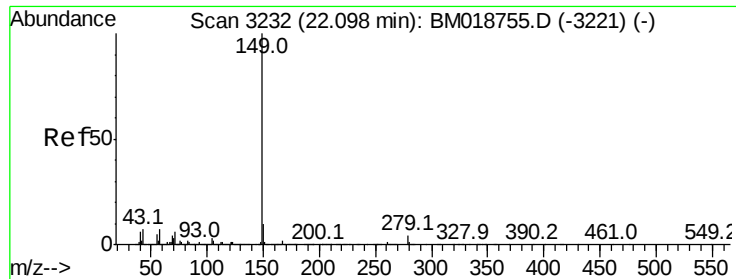
Tot Ion:228 Resp: 2008969
Ion Ratio Lower Upper
228 100
226 29.4 24.1 36.1
229 19.4 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.518 ng
RT: 21.19 min Scan# 3078
Delta R.T. -0.02 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion:149 Resp: 1695665
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.6
279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 46.991 ng

RT: 22.07 min Scan# 3228

Delta R.T. -0.02 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

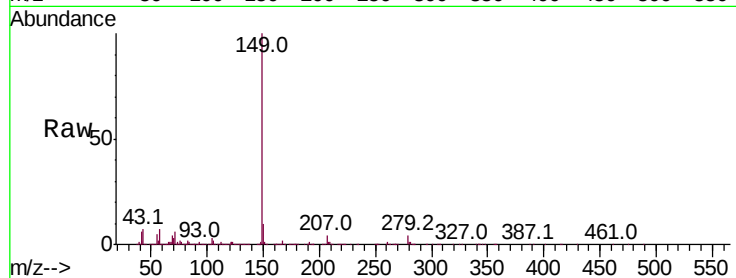
Tot Ion:149 Resp: 2502380

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

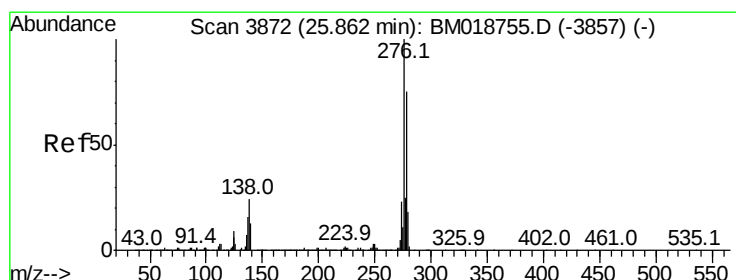
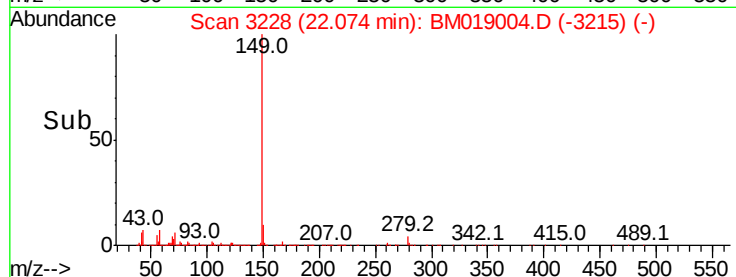
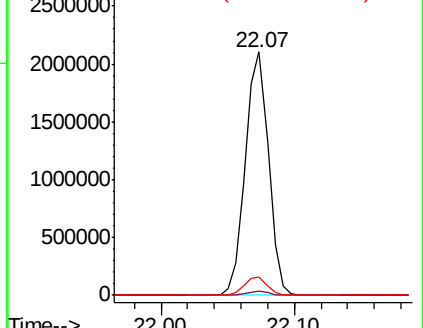
43 7.7 6.0 9.0



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: 47.623 ng

RT: 25.81 min Scan# 3863

Delta R.T. -0.05 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

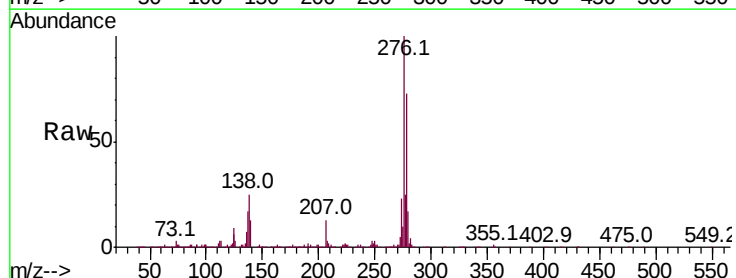
Tgt Ion:276 Resp: 2512478

Ion Ratio Lower Upper

276 100

138 25.2 20.2 30.4

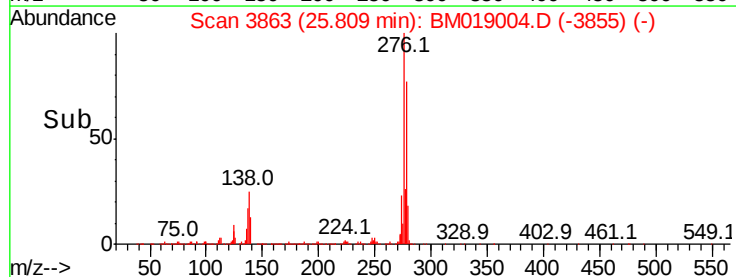
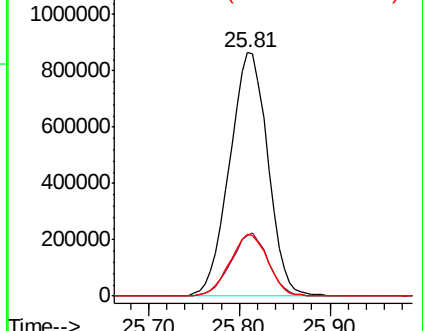
277 25.2 20.3 30.5

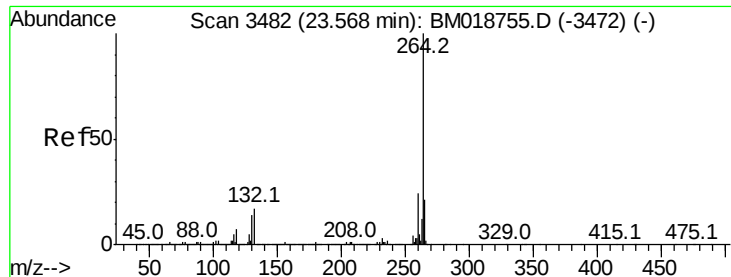


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.53 min Scan# 3476

Delta R.T. -0.04 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

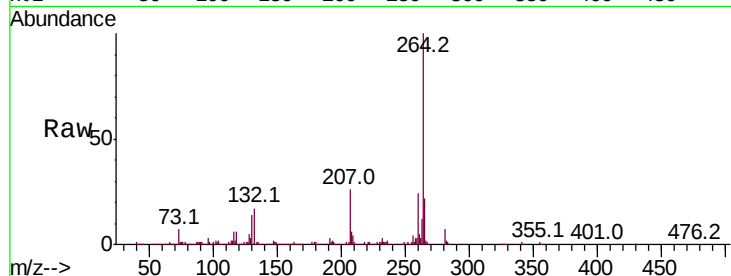
Tot Ion:264 Resp: 778862

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

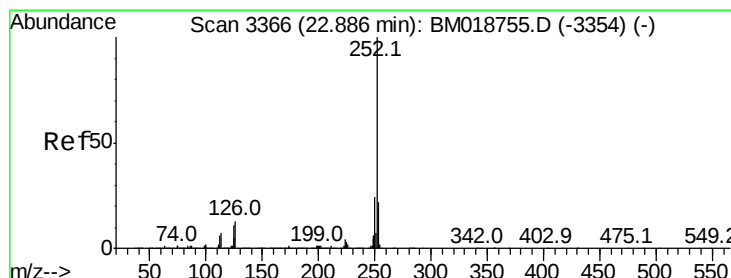
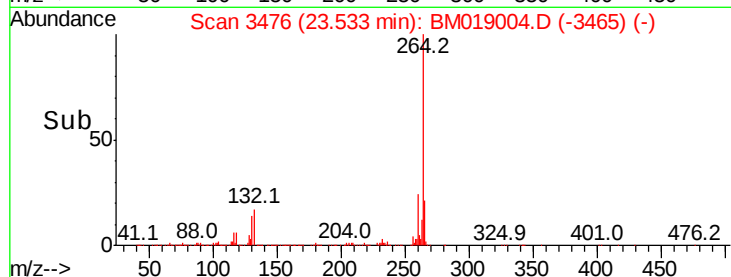
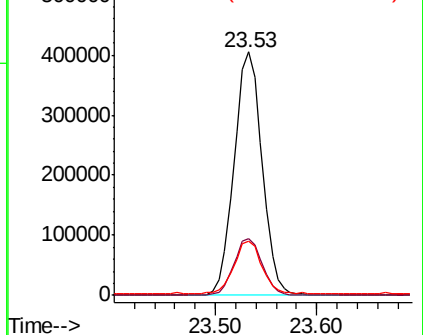
265 22.1 17.3 25.9



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: 46.000 ng

RT: 22.86 min Scan# 3361

Delta R.T. -0.03 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

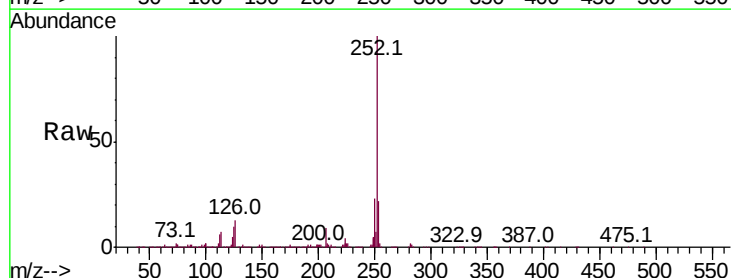
Tgt Ion:252 Resp: 2049858

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

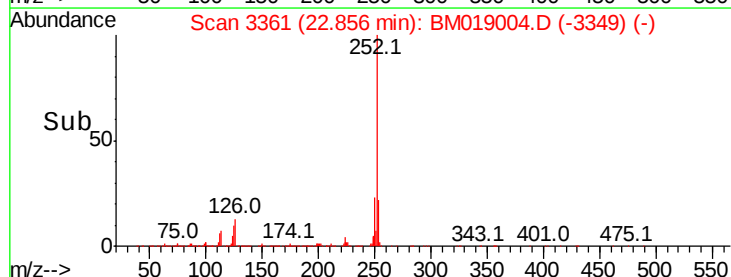
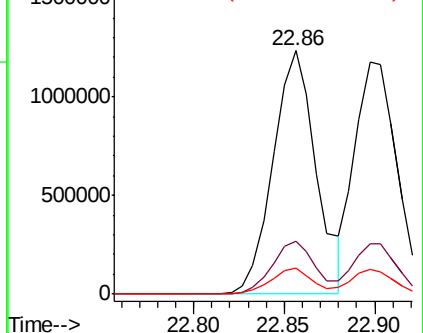
125 10.4 8.6 12.8

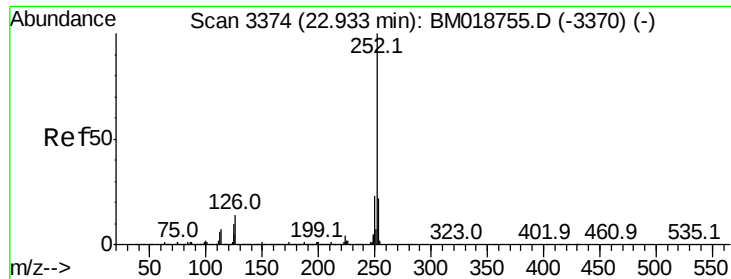


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

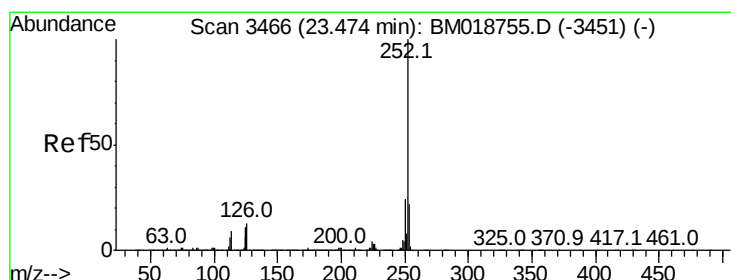
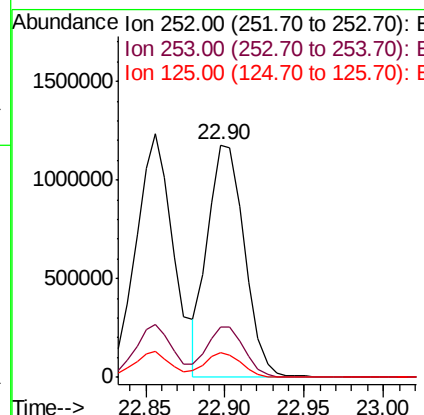
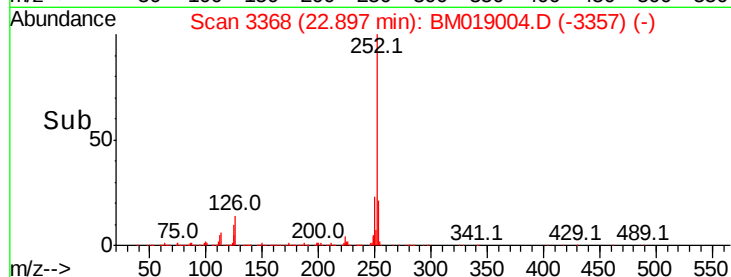
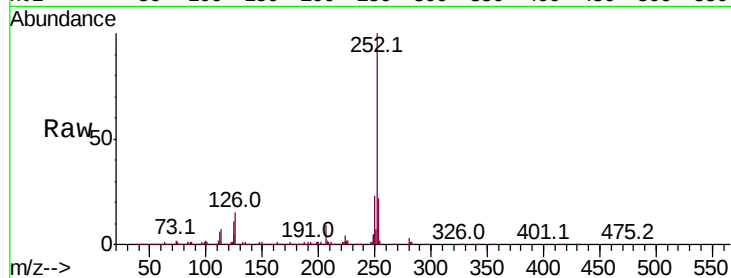




#89
Benzo(k)fluoranthene
Concen: 42.751 ng
RT: 22.90 min Scan# 3368
Delta R.T. -0.04 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

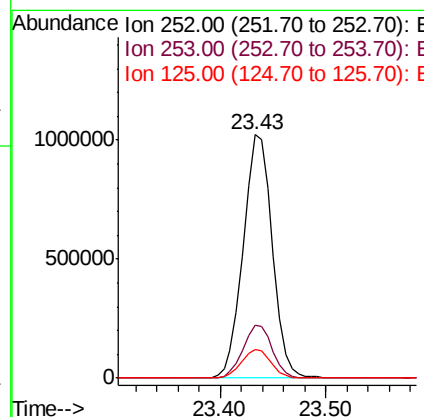
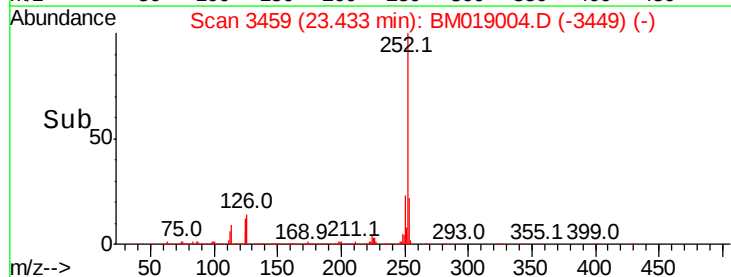
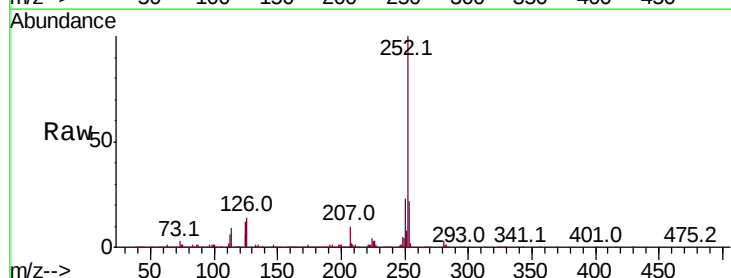
Instrument :
BNA_M
ClientSampleId :

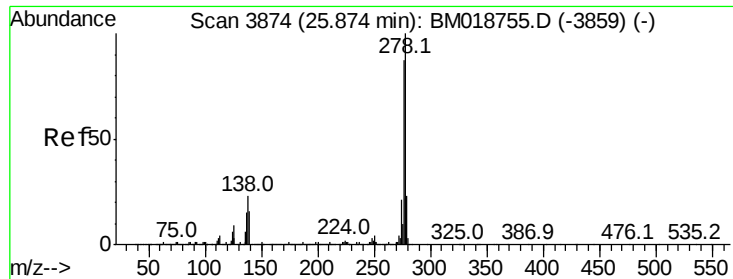
Tot Ion:252 Resp: 1896597
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.8 8.2 12.4



#90
Benzo(a)pyrene
Concen: 46.232 ng
RT: 23.43 min Scan# 3459
Delta R.T. -0.04 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion:252 Resp: 1951647
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 11.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 51.266 ng

RT: 25.82 min Scan# 3865

Delta R.T. -0.05 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

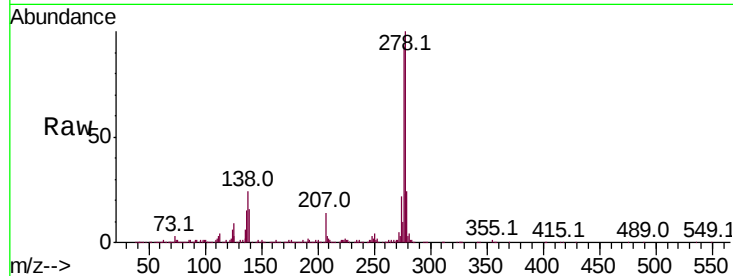
Tot Ion:278 Resp: 2144143

Ion Ratio Lower Upper

278 100

139 15.8 12.6 18.8

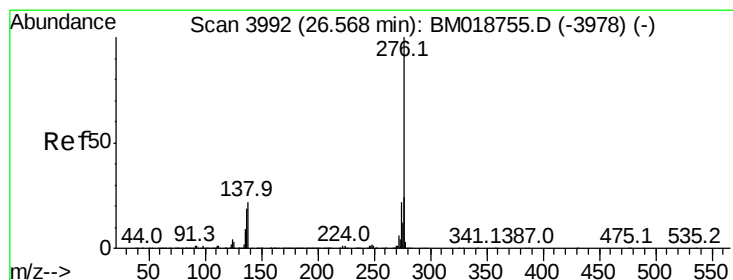
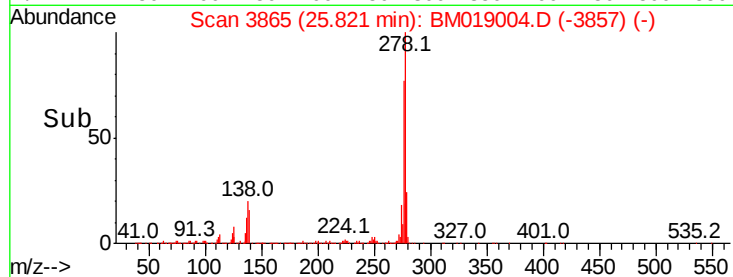
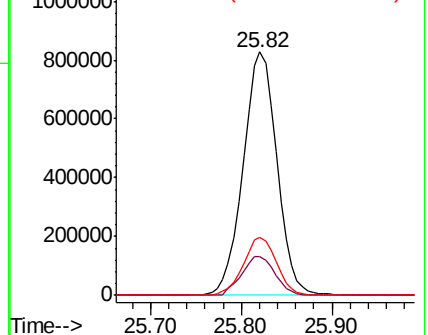
279 23.8 18.6 28.0



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: 53.165 ng

RT: 26.51 min Scan# 3982

Delta R.T. -0.06 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

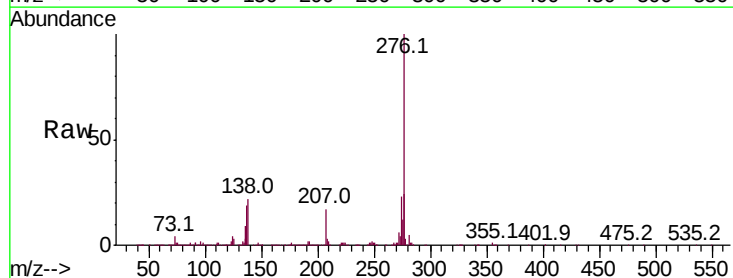
Tgt Ion:276 Resp: 2070068

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 22.2 17.3 25.9



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

