

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042219\
 Data File : BM020029.D
 Acq On : 23 Apr 2019 06:18
 Operator : JU/SJ
 Sample : K2472-03MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 23 08:50:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	89703	20.00	ng	-0.01
21) Naphthalene-d8	10.27	136	340978	20.00	ng	-0.01
39) Acenaphthene-d10	14.16	164	177842	20.00	ng	-0.01
64) Phenanthrene-d10	16.93	188	375681	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	367246	20.00	ng	-0.01
87) Perylene-d12	23.34	264	450411	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	688441	124.38	ng	-0.01
7) Phenol-d6	6.70	99	830795	99.73	ng	-0.01
23) Nitrobenzene-d5	8.67	82	691970	90.76	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	382759	133.70	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	1361130	95.38	ng	-0.02
79) Terphenyl-d14	19.58	244	1987723	95.47	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	101524	42.505	ng	# 55
3) Pyridine	3.50	79	204592	30.585	ng	97
4) n-Nitrosodimethylamine	3.42	42	89664	41.610	ng	# 83
6) Aniline	6.86	93	144190	13.402	ng	99
8) 2-Chlorophenol	7.07	128	255724	37.147	ng	98
9) Benzaldehyde	6.69	77	70788	11.899	ng	96
10) Phenol	6.72	94	274821	30.196	ng	88
11) bis(2-Chloroethyl)ether	6.95	93	239212	35.923	ng	99
12) 1,3-Dichlorobenzene	7.38	146	233825	32.354	ng	95
13) 1,4-Dichlorobenzene	7.53	146	244443	33.336	ng	98
14) 1,2-Dichlorobenzene	7.84	146	238277	32.773	ng	97
15) Benzyl Alcohol	7.77	79	250049	33.019	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.03	45	204826	32.267	ng	96
17) 2-Methylphenol	7.96	107	199084	33.051	ng	96
18) Hexachloroethane	8.54	117	90744	31.837	ng	98
19) n-Nitroso-di-n-propylamine	8.31	70	228067	31.146	ng	98
20) 3+4-Methylphenols	8.30	107	252987	30.574	ng	97
22) Acetophenone	8.33	105	394468	42.474	ng	# 98
24) Nitrobenzene	8.72	77	343418	43.479	ng	97
25) Isophorone	9.23	82	558966	37.661	ng	99
26) 2-Nitrophenol	9.42	139	127005	37.733	ng	# 90
27) 2,4-Dimethylphenol	9.48	122	210006	44.127	ng	98
28) bis(2-Chloroethoxy)methane	9.71	93	316430	38.074	ng	100
29) 2,4-Dichlorophenol	9.96	162	192527	35.620	ng	96
30) 1,2,4-Trichlorobenzene	10.14	180	236409	40.638	ng	99
31) Naphthalene	10.32	128	715611	39.128	ng	100
32) Benzoic acid	9.67	122	529	5.179	ng	# 35
33) 4-Chloroaniline	10.51	127	27941	3.708	ng	96
34) Hexachlorobutadiene	10.57	225	134772	39.280	ng	97
35) Caprolactam	11.32	113	32915	16.088	ng	94
36) 4-Chloro-3-methylphenol	11.61	107	234126	34.861	ng	99
37) 2-Methylnaphthalene	11.95	142	526863	39.569	ng	99
38) 1-Methylnaphthalene	12.17	142	500234	38.049	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	260392	47.462	ng	99

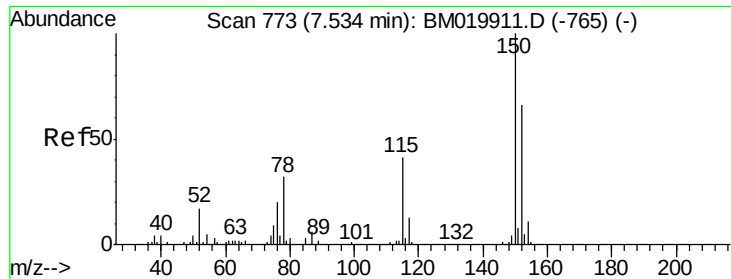
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042219\
 Data File : BM020029.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	146630	76.147	ng	98
43) 2,4,6-Trichlorophenol	12.59	196	167213	44.955	ng	100
44) 2,4,5-Trichlorophenol	12.68	196	162297	41.923	ng	98
46) 1,1'-Biphenyl	12.99	154	681744	44.259	ng	99
47) 2-Chloronaphthalene	13.03	162	527462	44.893	ng	99
48) 2-Nitroaniline	13.28	65	167347	39.515	ng	94
49) Acenaphthylene	13.89	152	833694	40.782	ng	99
50) Dimethylphthalate	13.64	163	671975	42.837	ng	100
51) 2,6-Dinitrotoluene	13.78	165	143926	41.491	ng	85
52) Acenaphthene	14.23	154	486394	42.911	ng	98
53) 3-Nitroaniline	14.14	138	39251	11.332	ng	98
54) 2,4-Dinitrophenol	14.38	184	35576	23.047	ng	93
55) Dibenzofuran	14.57	168	794446	42.861	ng	96
56) 4-Nitrophenol	14.47	139	125878	48.544	ng	85
57) 2,4-Dinitrotoluene	14.59	165	194939	39.096	ng	98
58) Fluorene	15.23	166	649689	41.366	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.82	232	151990	43.028	ng	99
60) Diethylphthalate	15.01	149	692706	42.459	ng	99
61) 4-Chlorophenyl-phenylether	15.22	204	327190	43.268	ng	96
62) 4-Nitroaniline	15.31	138	99543	29.169	ng	87
63) Azobenzene	15.52	77	770883	44.209	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	46493	19.397	ng	93
66) n-Nitrosodiphenylamine	15.45	169	547824	44.604	ng	99
67) 4-Bromophenyl-phenylether	16.12	248	189020	43.762	ng	98
68) Hexachlorobenzene	16.23	284	227608	43.918	ng	98
69) Atrazine	16.42	200	183755	44.072	ng	97
70) Pentachlorophenol	16.59	266	192994	72.882	ng	96
71) Phenanthrene	16.97	178	954297	42.805	ng	99
72) Anthracene	17.07	178	970511	43.732	ng	100
73) Carbazole	17.36	167	842846	40.679	ng	99
74) Di-n-butylphthalate	17.90	149	1129977	41.527	ng	100
75) Fluoranthene	19.01	202	1089263	42.456	ng	99
77) Benzidine	19.24	184	119248	11.768	ng	99
78) Pyrene	19.37	202	1114190	45.814	ng	100
80) Butylbenzylphthalate	20.29	149	536128	45.470	ng	95
81) Benzo(a)anthracene	21.13	228	1085652	46.667	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	175938	20.327	ng	98
83) Chrysene	21.19	228	1074368	48.156	ng	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	789181	44.958	ng	99
85) Di-n-octyl phthalate	21.91	149	1409365	49.482	ng	100
86) Indeno(1,2,3-cd)pyrene	25.52	276	1669480	76.068	ng	98
88) Benzo(b)fluoranthene	22.68	252	1268184	42.403	ng	99
89) Benzo(k)fluoranthene	22.73	252	1266352	44.976	ng	99
90) Benzo(a)pyrene	23.24	252	1233074	46.531	ng	99
91) Dibenzo(a,h)anthracene	25.53	278	1417371	55.475	ng	98
92) Benzo(g,h,i)perylene	26.20	276	1316659	56.897	ng	98

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

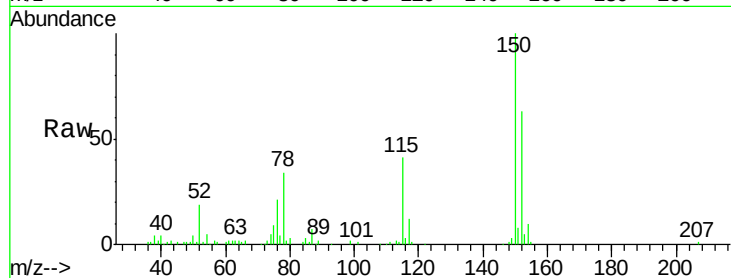


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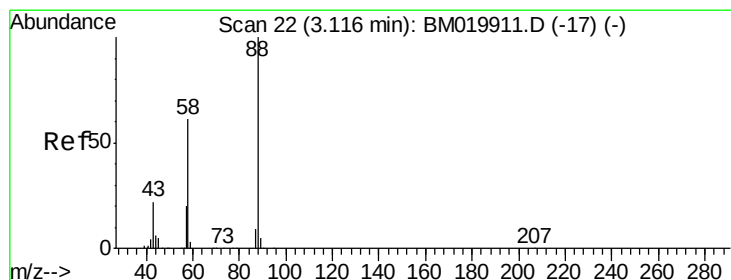
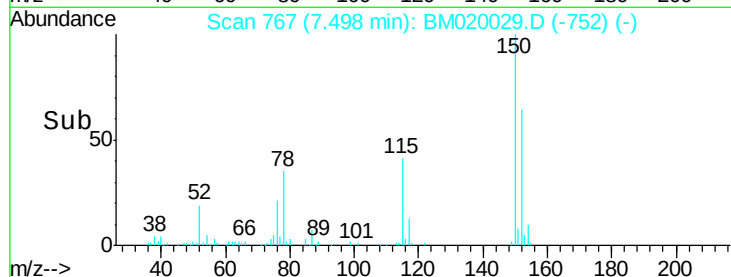
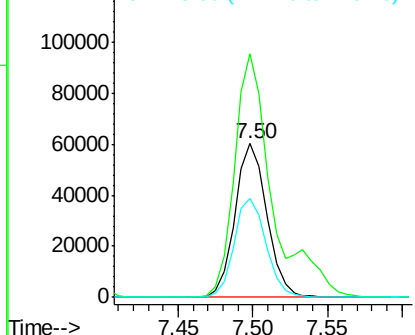
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 89703
Ion Ratio Lower Upper
152 100
150 158.6 122.1 183.1
115 64.8 50.0 75.0



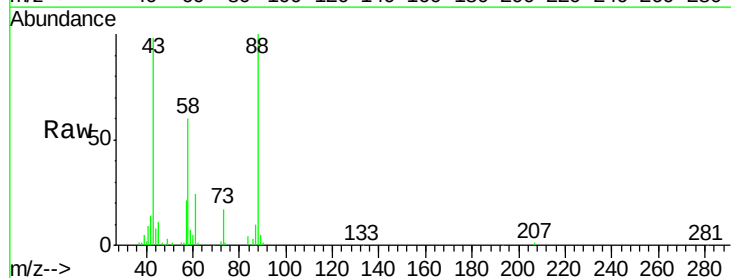
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



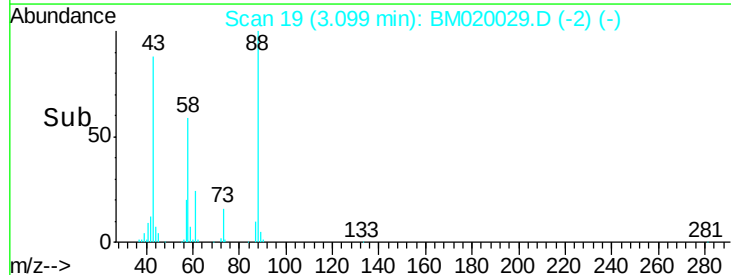
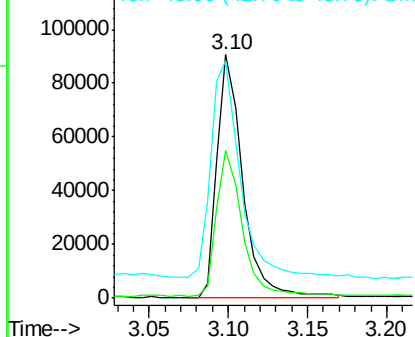
#2

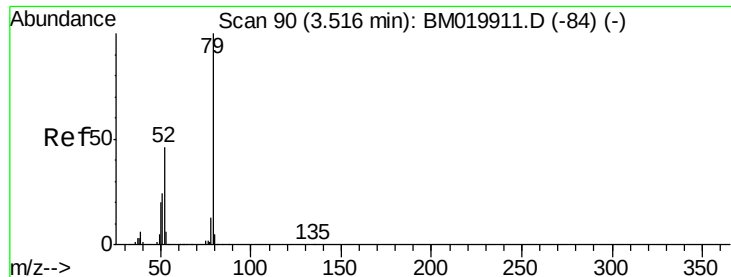
1,4-Dioxane
Concen: 42.505 ng
RT: 3.10 min Scan# 19
Delta R.T. -0.00 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion: 88 Resp: 101524
Ion Ratio Lower Upper
88 100
58 60.1 49.6 74.4
43 100.8 18.6 27.8#



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: 30.585 ng

RT: 3.50 min Scan# 88

Delta R.T. -0.00 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

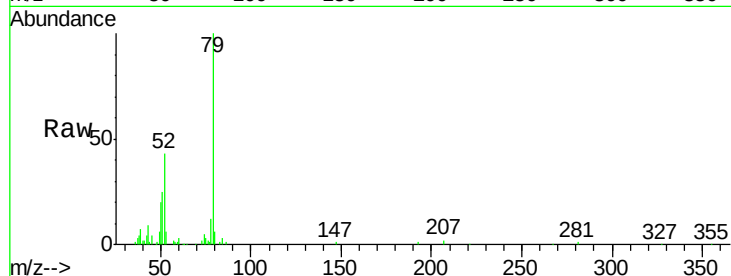
Tot Ion: 79 Resp: 204592

Ion Ratio Lower Upper

79 100

52 43.4 36.9 55.3

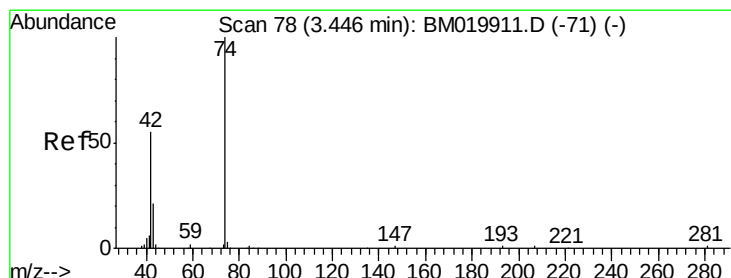
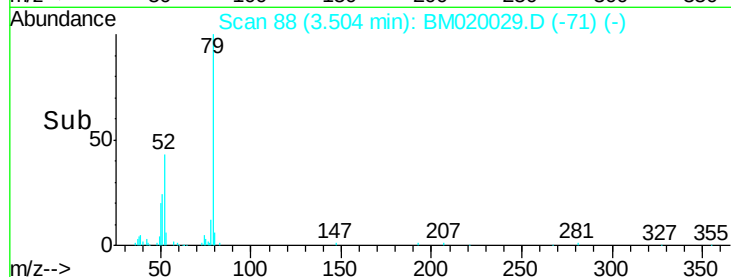
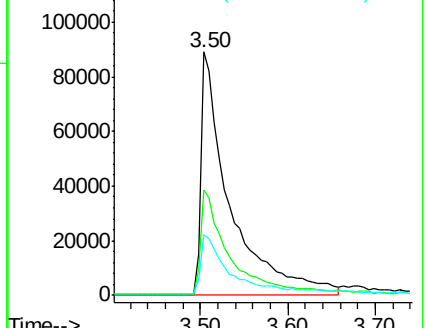
51 25.1 20.0 30.0



Abundance Ion 79.00 (78.70 to 79.70): BM0

Ion 52.00 (51.70 to 52.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 41.610 ng

RT: 3.42 min Scan# 74

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

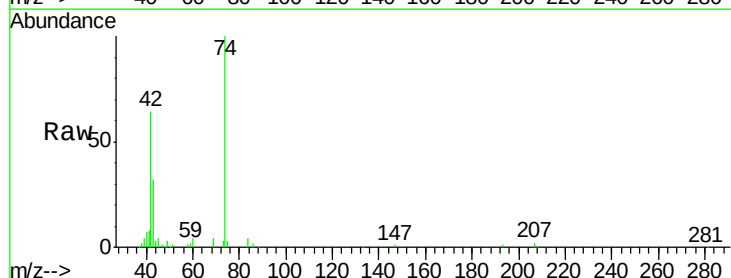
Tgt Ion: 42 Resp: 89664

Ion Ratio Lower Upper

42 100

74 156.1 144.6 217.0

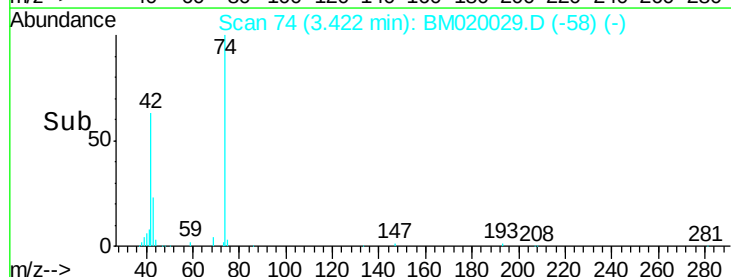
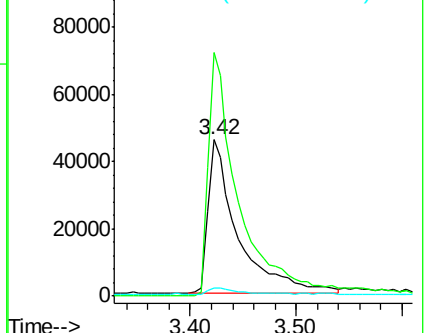
44 5.4 5.4 8.2#

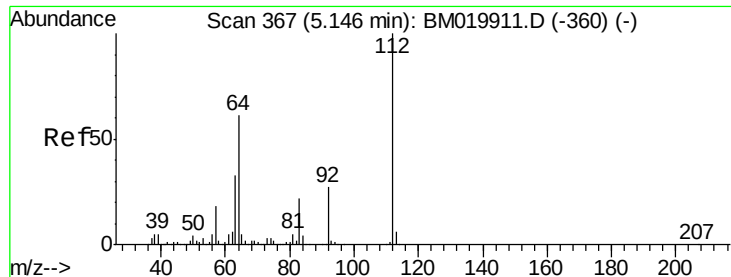


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 124.379 ng

RT: 5.12 min Scan# 362

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

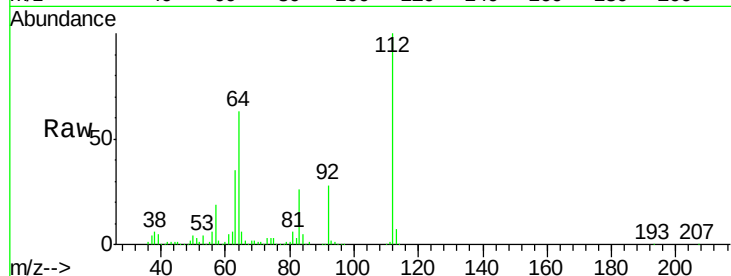
Tot Ion:112 Resp: 688441

Ion Ratio Lower Upper

112 100

64 63.4 49.1 73.7

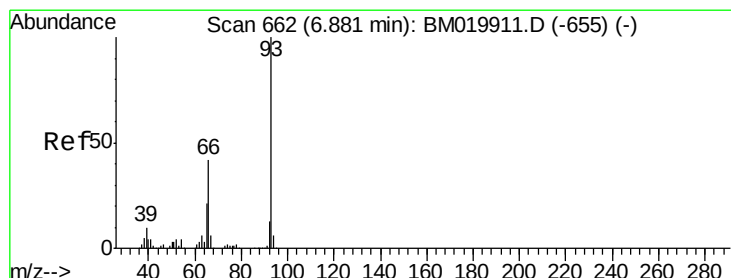
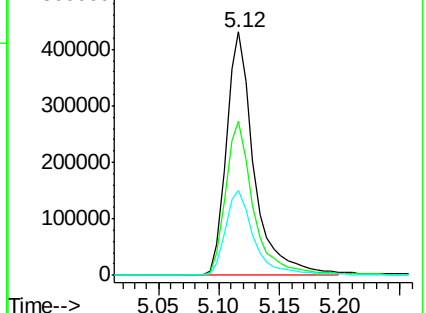
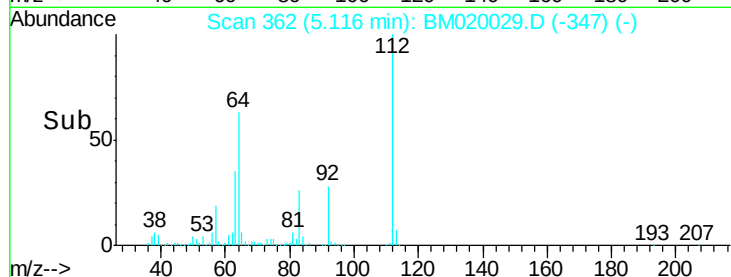
63 34.8 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 13.402 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

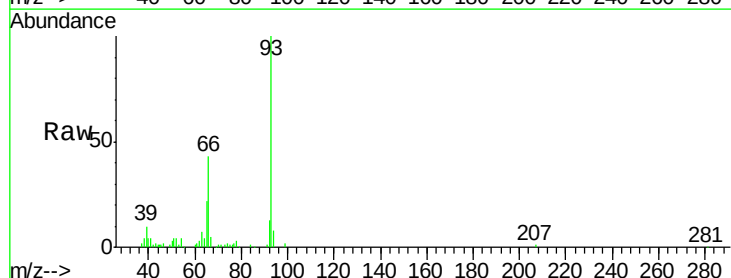
Tgt Ion: 93 Resp: 144190

Ion Ratio Lower Upper

93 100

66 42.7 33.9 50.9

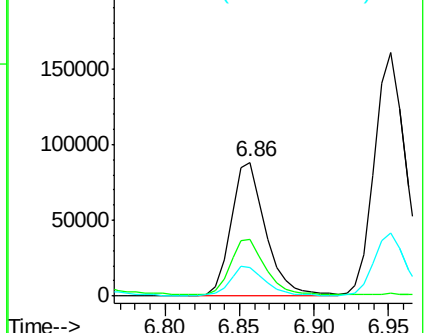
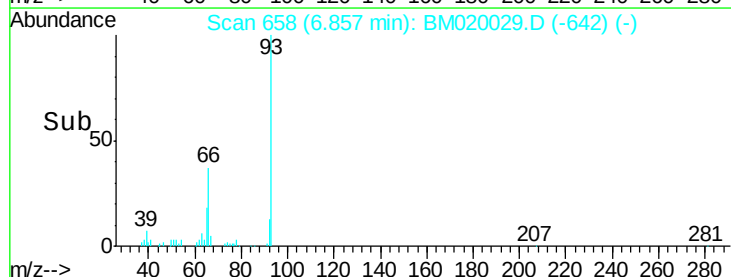
65 21.8 17.0 25.6

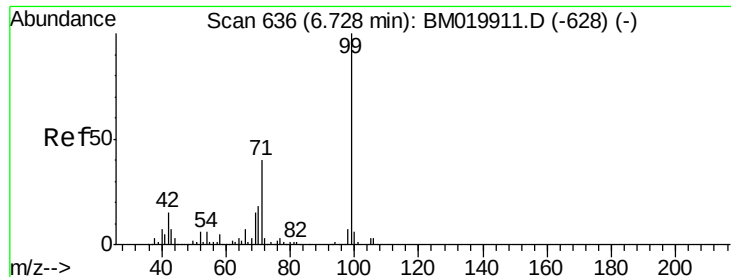


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 99.734 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

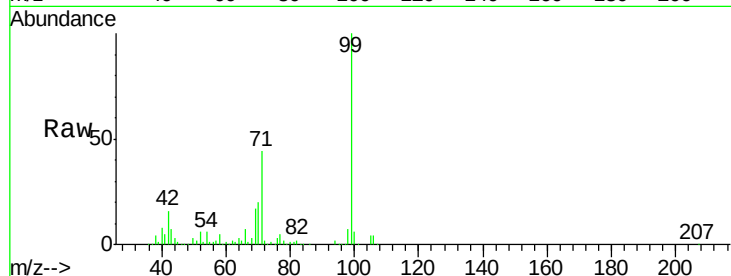
Tot Ion: 99 Resp: 830795

Ion Ratio Lower Upper

99 100

42 15.9 11.8 17.8

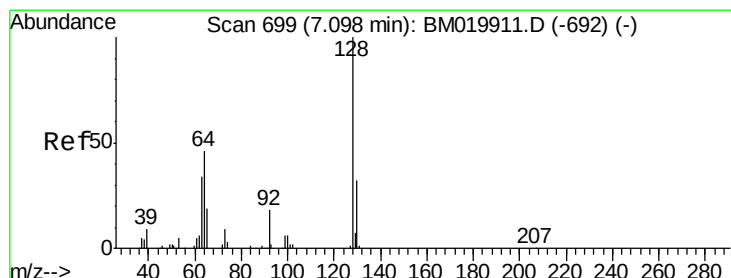
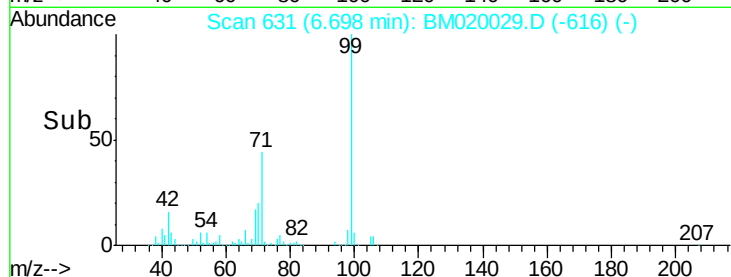
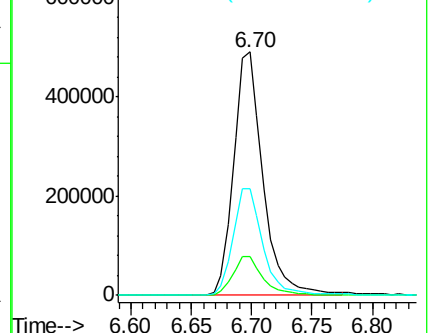
71 43.6 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019911.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM019911.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM019911.D (-628) (-)



#8

2-Chlorophenol

Concen: 37.147 ng

RT: 7.07 min Scan# 694

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

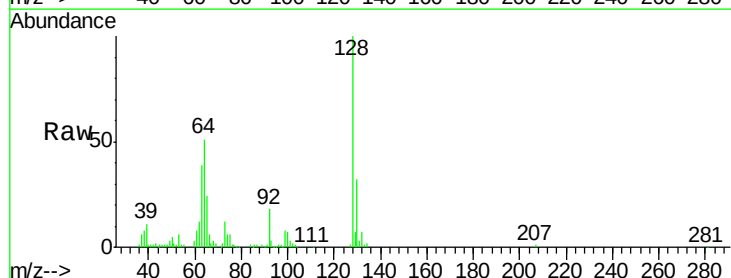
Tgt Ion: 128 Resp: 255724

Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

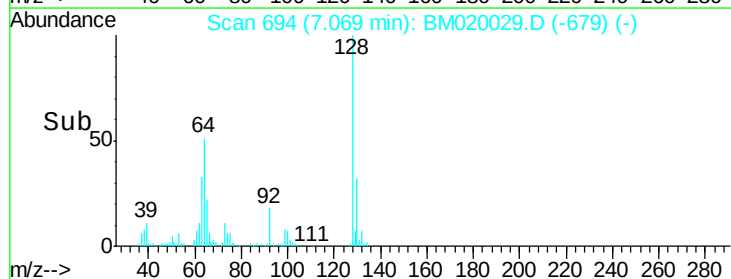
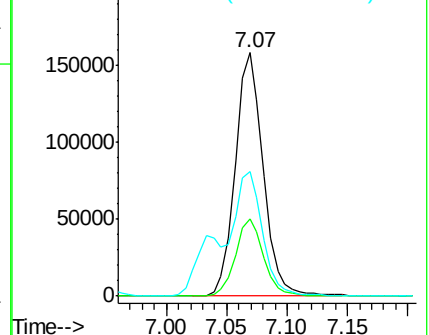
64 51.3 33.0 73.0

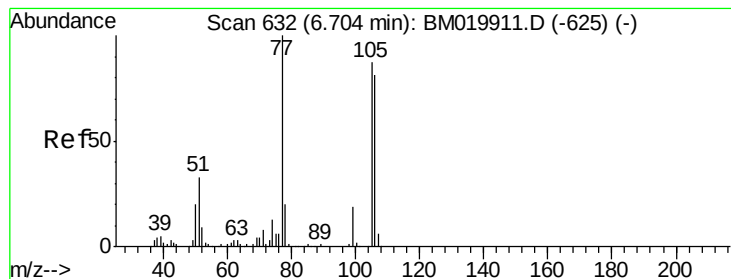


Abundance Ion 128.00 (127.70 to 128.70): BM019911.D (-692) (-)

Ion 130.00 (129.70 to 130.70): BM019911.D (-692) (-)

Ion 64.00 (63.70 to 64.70): BM019911.D (-692) (-)





#9

Benzaldehyde

Concen: 11.899 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.00 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampled :

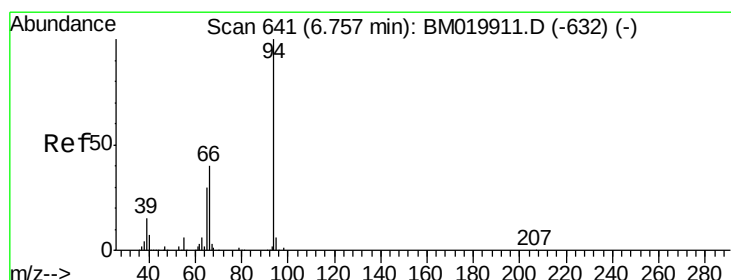
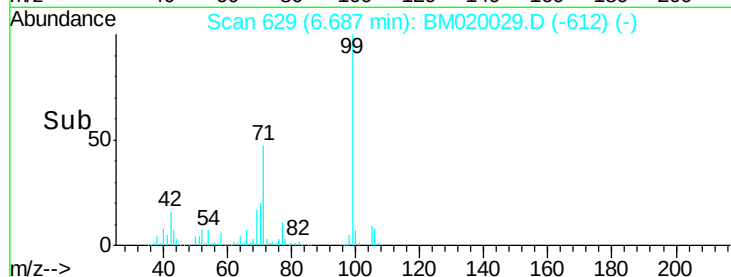
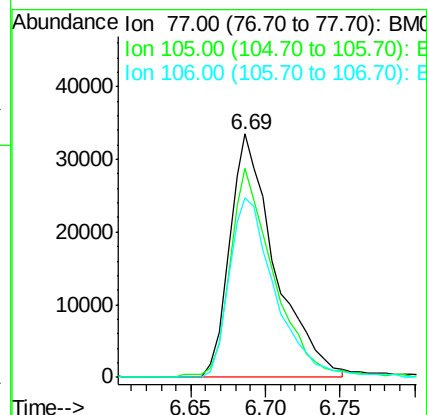
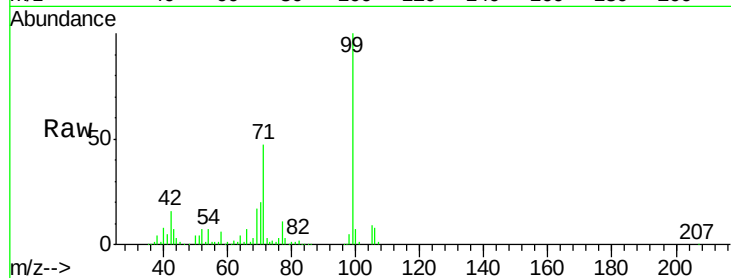
Tot Ion: 77 Resp: 70788

Ion Ratio Lower Upper

77 100

105 86.0 67.3 107.3

106 73.7 60.6 100.6



#10

Phenol

Concen: 30.196 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

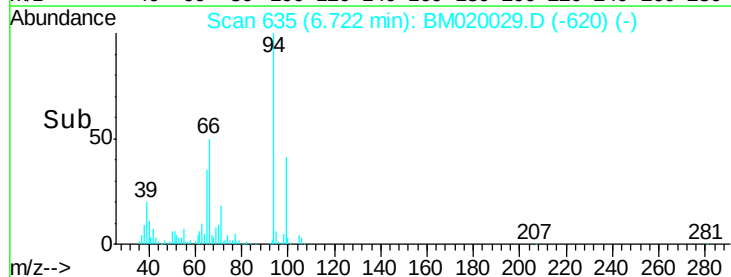
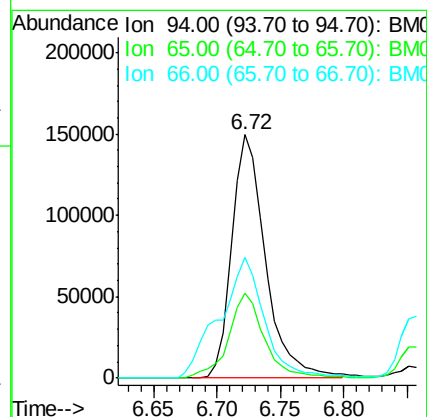
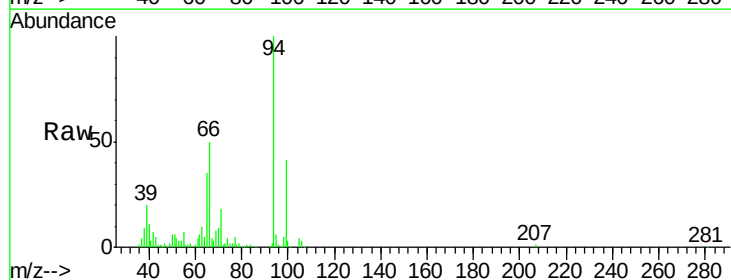
Tgt Ion: 94 Resp: 274821

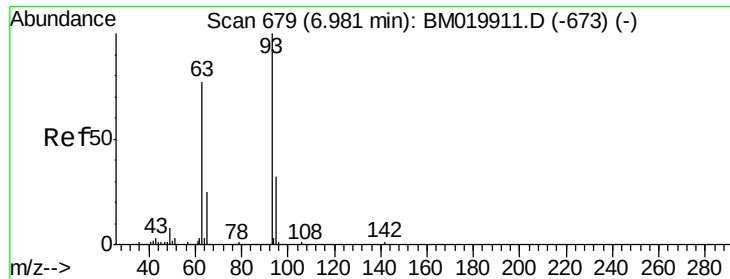
Ion Ratio Lower Upper

94 100

65 34.6 10.0 50.0

66 49.6 20.2 60.2

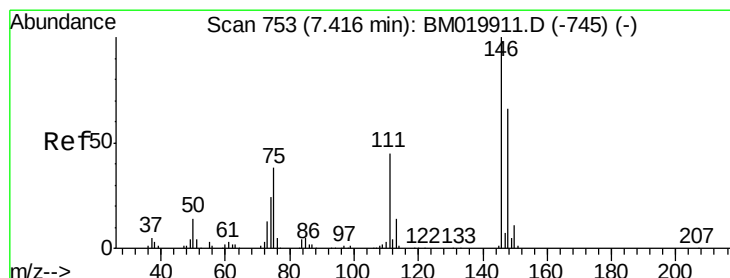
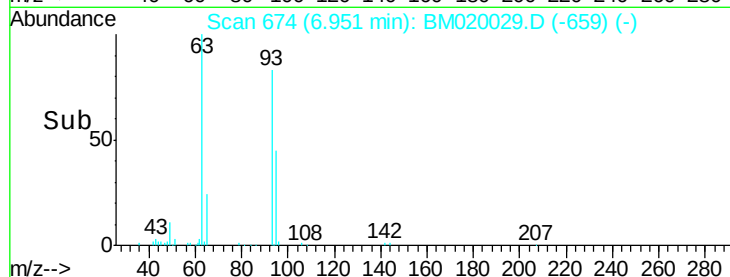
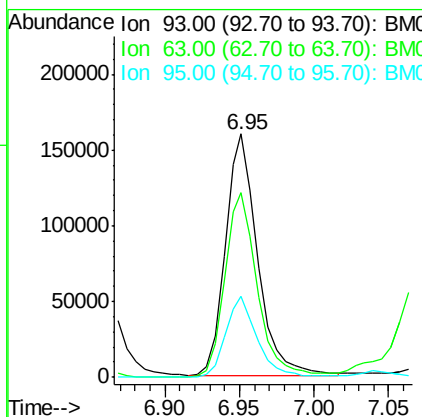
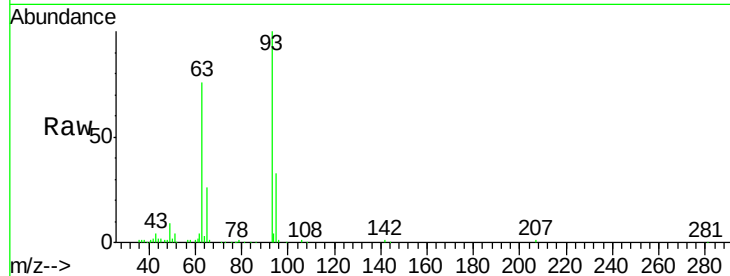




#11
 bis(2-Chloroethyl)ether
 Concen: 35.923 ng
 RT: 6.95 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

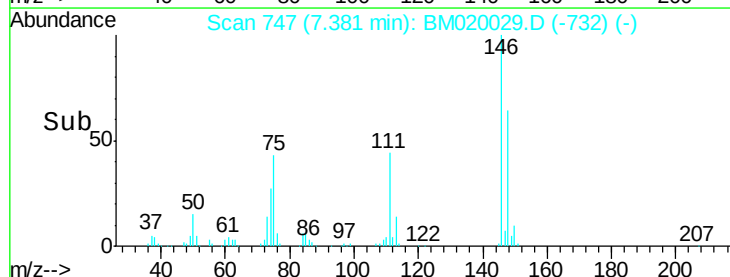
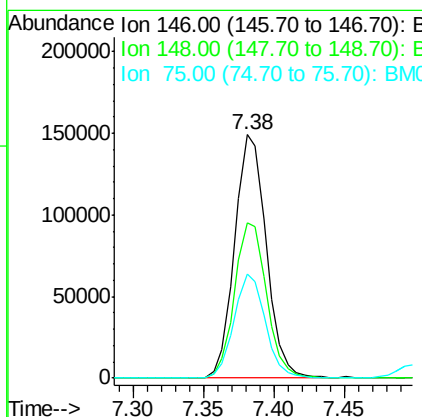
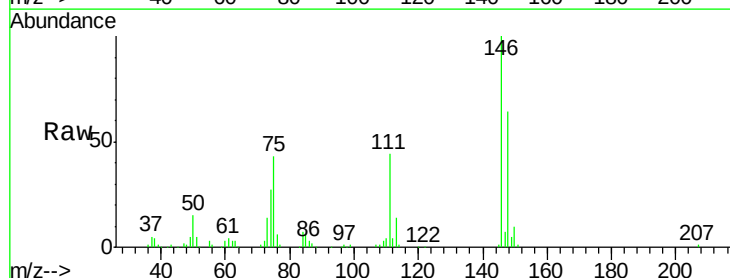
Instrument :
 BNA_M
 ClientSampleId :

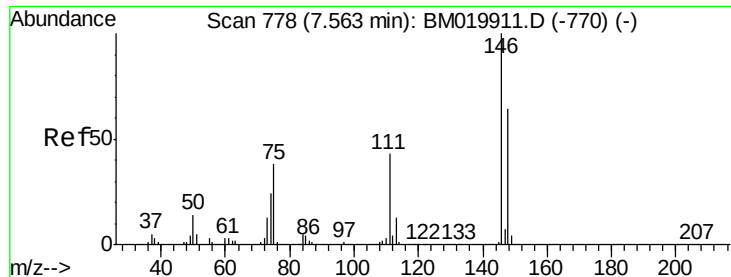
Tot Ion: 93 Resp: 239212
 Ion Ratio Lower Upper
 93 100
 63 75.9 55.8 95.8
 95 33.2 11.6 51.6



#12
 1,3-Dichlorobenzene
 Concen: 32.354 ng
 RT: 7.38 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion: 146 Resp: 233825
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.6 78.8
 75 42.8 30.0 45.0

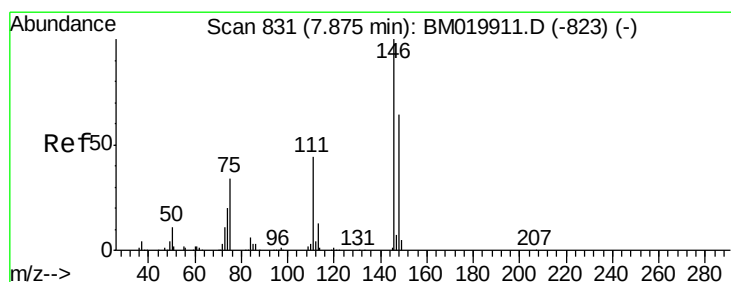
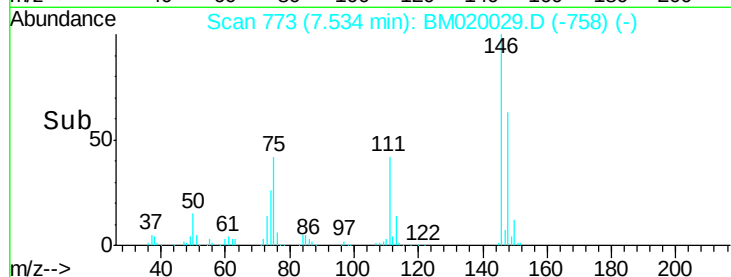
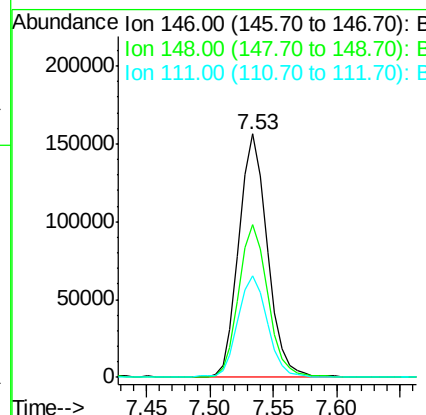
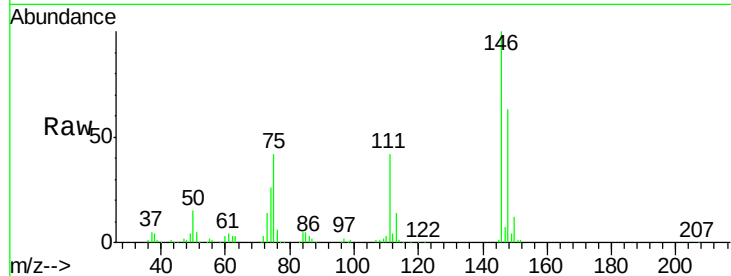




#13
 1,4-Dichlorobenzene
 Concen: 33.336 ng
 RT: 7.53 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

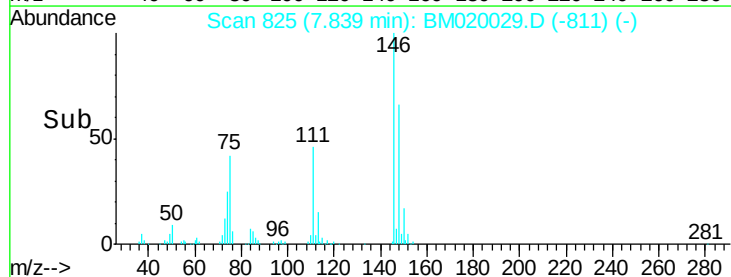
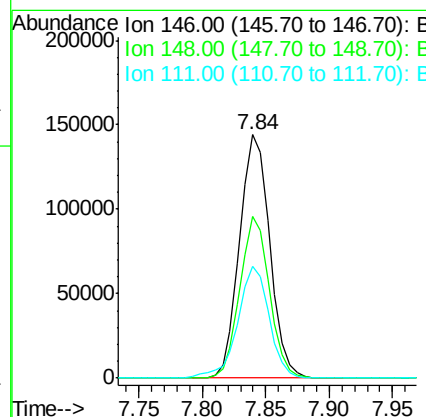
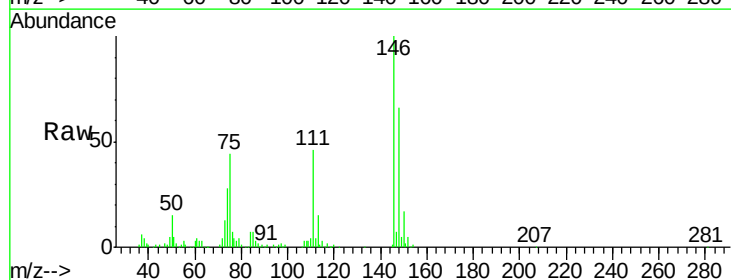
Instrument :
 BNA_M
 ClientSampleId :

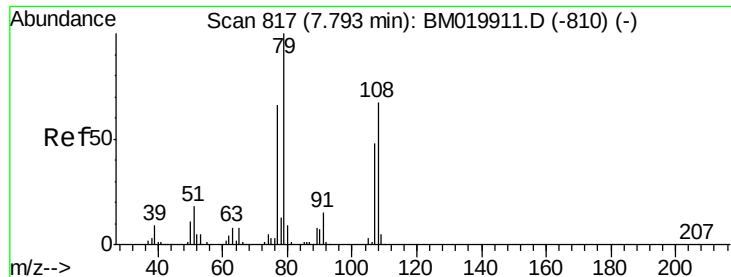
Tot Ion:146 Resp: 244443
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.1 76.7
 111 41.6 34.6 51.8



#14
 1,2-Dichlorobenzene
 Concen: 32.773 ng
 RT: 7.84 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion:146 Resp: 238277
 Ion Ratio Lower Upper
 146 100
 148 66.4 51.4 77.2
 111 45.9 35.4 53.0





#15

Benzyl Alcohol

Concen: 33.019 ng

RT: 7.77 min Scan# 813

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

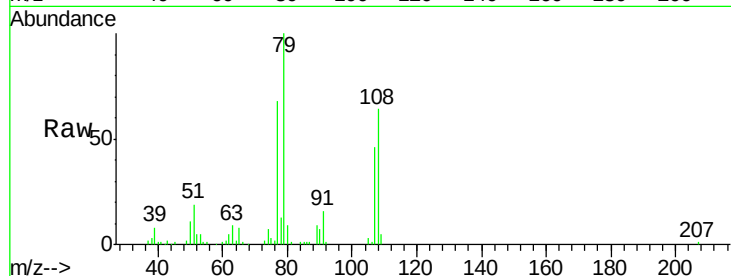
Tot Ion: 79 Resp: 250049

Ion Ratio Lower Upper

79 100

108 64.5 53.9 80.9

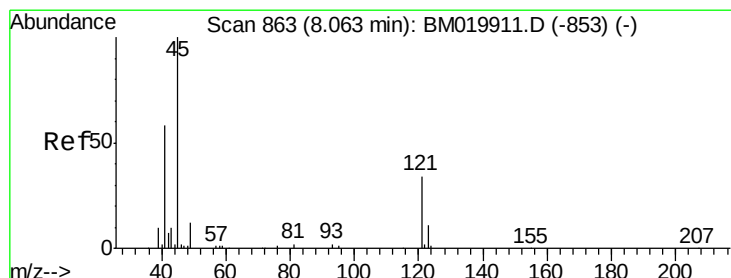
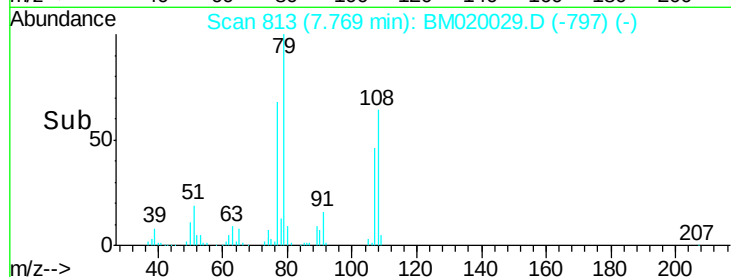
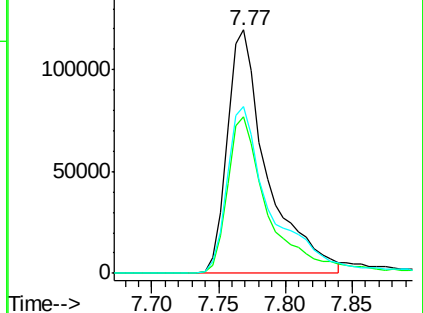
77 68.4 53.1 79.7



Abundance Ion 79.00 (78.70 to 79.70): BM019911.D (-810) (-)

Ion 108.00 (107.70 to 108.70): BM019911.D (-810) (-)

Ion 77.00 (76.70 to 77.70): BM019911.D (-810) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.267 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.02 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

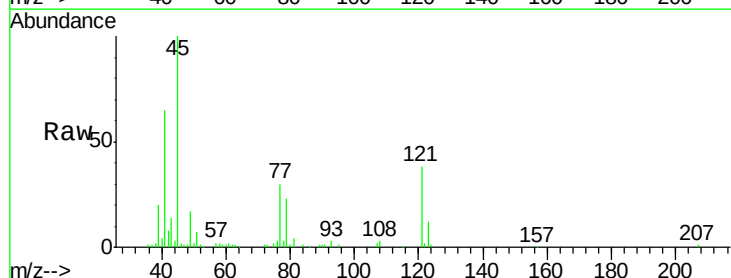
Tgt Ion: 45 Resp: 204826

Ion Ratio Lower Upper

45 100

77 29.5 7.2 47.2

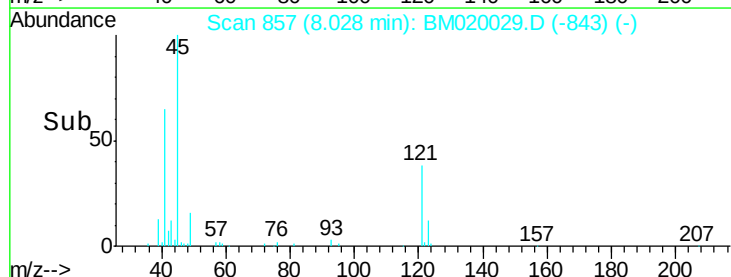
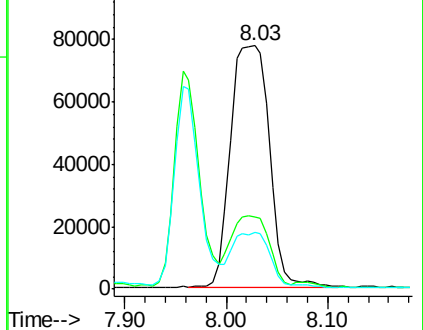
79 23.1 1.2 41.2

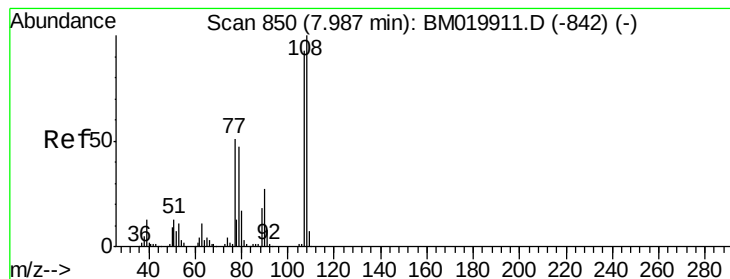


Abundance Ion 45.00 (44.70 to 45.70): BM019911.D (-853) (-)

Ion 77.00 (76.70 to 77.70): BM019911.D (-853) (-)

Ion 79.00 (78.70 to 79.70): BM019911.D (-853) (-)





#17

2-Methylphenol

Concen: 33.051 ng

RT: 7.96 min Scan# 845

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 199084

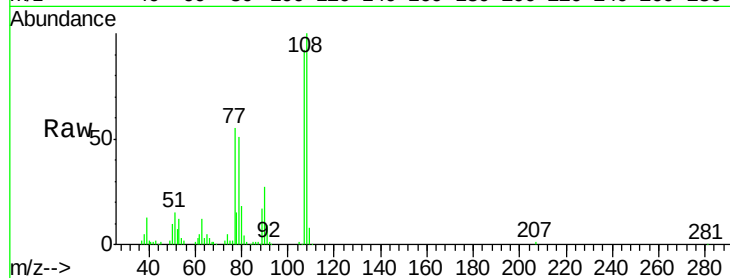
Ion Ratio Lower Upper

107 100

108 108.5 85.9 128.9

77 60.0 43.8 65.6

79 55.7 41.1 61.7

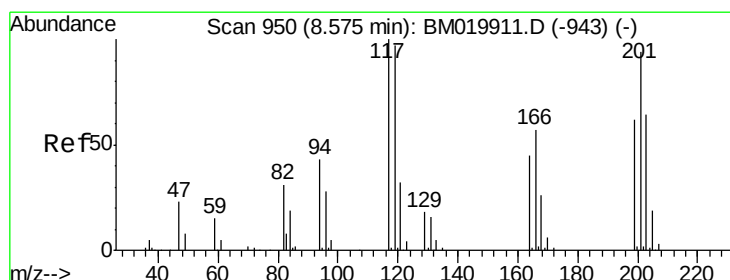
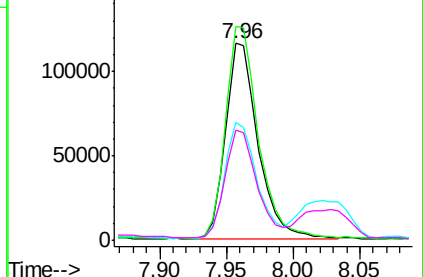
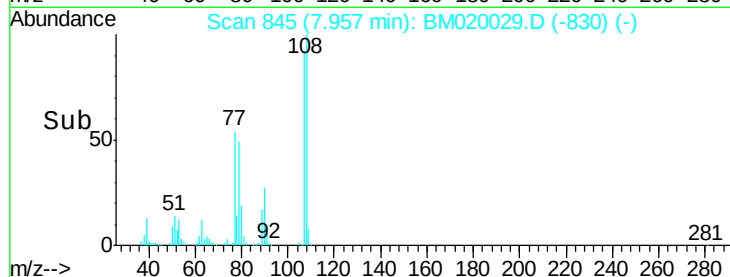


Abundance Ion 107.00 (106.70 to 107.70): E

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: 31.837 ng

RT: 8.54 min Scan# 944

Delta R.T. -0.02 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

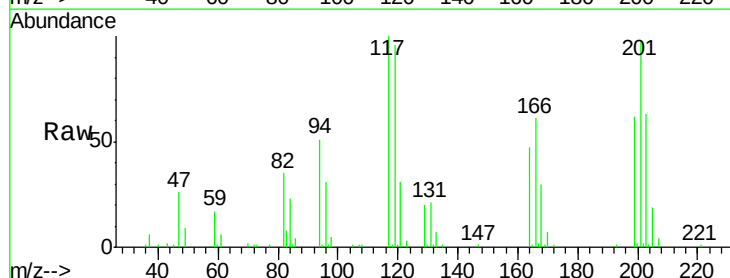
Tgt Ion:117 Resp: 90744

Ion Ratio Lower Upper

117 100

119 96.0 77.6 116.4

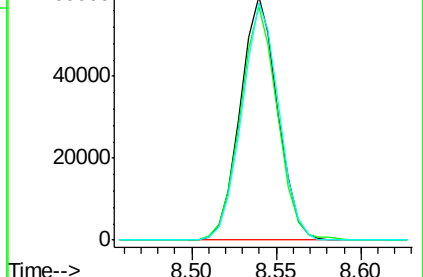
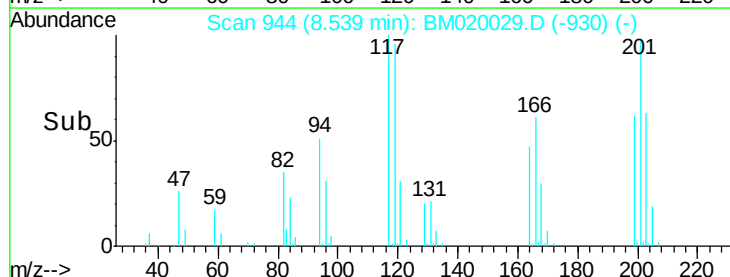
201 97.6 75.4 113.2

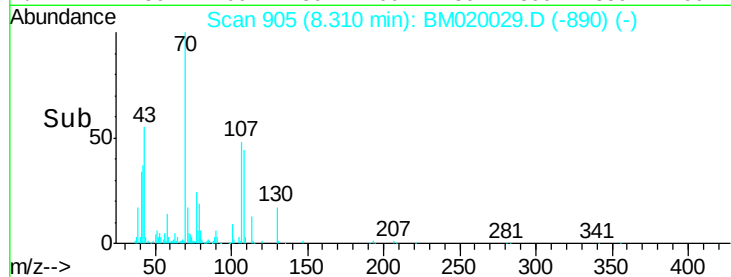
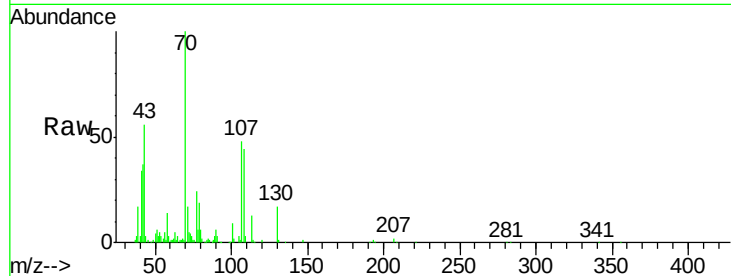
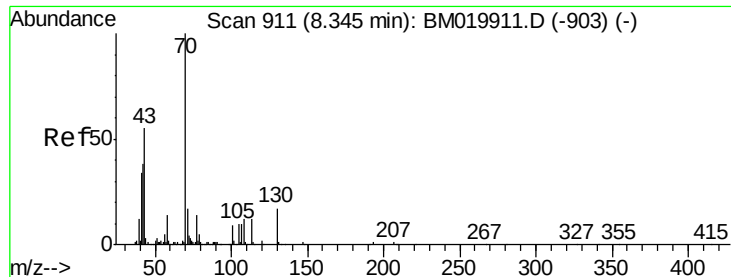


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

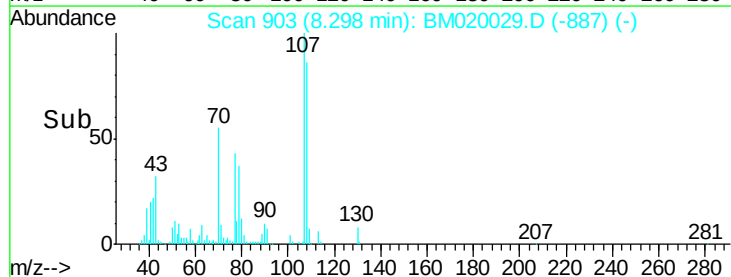
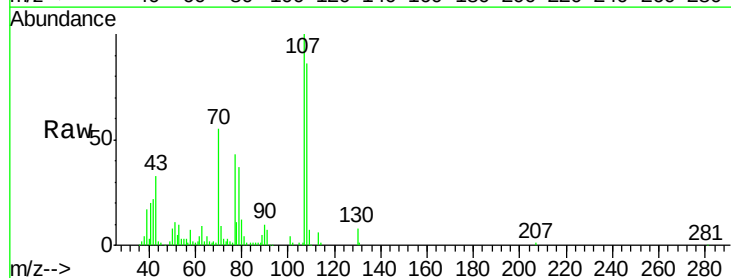
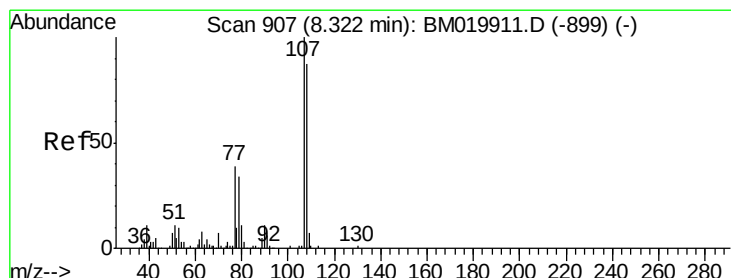
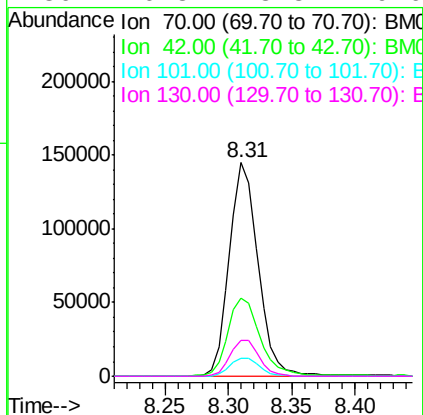




#19
n-Nitroso-di-n-propylamine
Concen: 31.146 ng
RT: 8.31 min Scan# 905
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

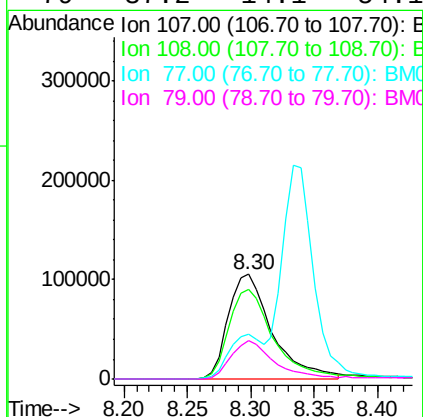
Instrument :
BNA_M
ClientSampled :

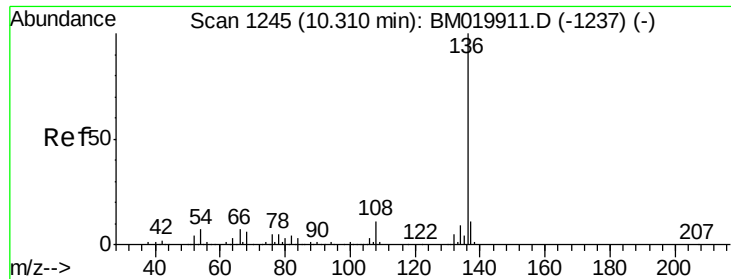
Tot Ion:	70	Resp:	228067
Ion	Ratio	Lower	Upper
70	100		
42	36.6	30.3	45.5
101	8.5	6.9	10.3
130	16.8	13.8	20.6



#20
3+4-Methylphenols
Concen: 30.574 ng
RT: 8.30 min Scan# 903
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion:	107	Resp:	252987
Ion	Ratio	Lower	Upper
107	100		
108	86.2	67.4	107.4
77	42.9	19.7	59.7
79	37.2	14.1	54.1

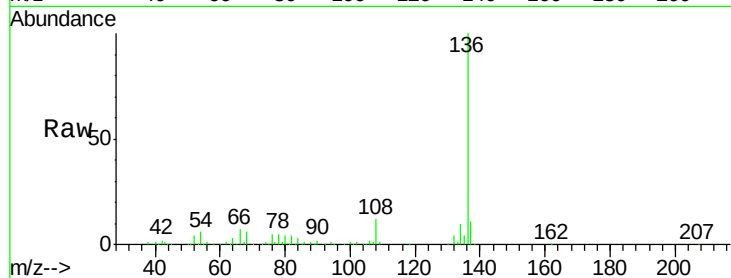




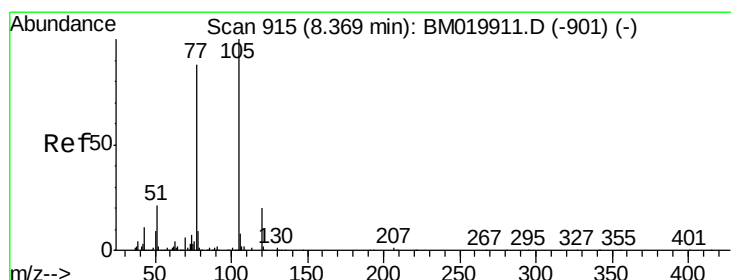
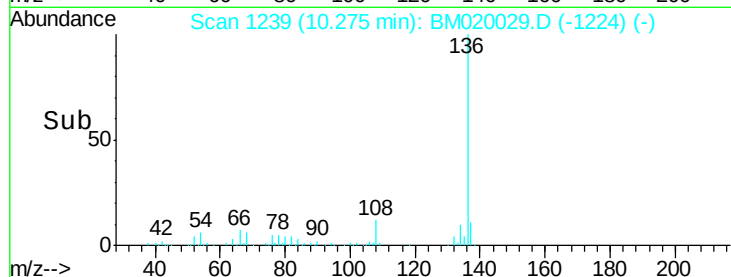
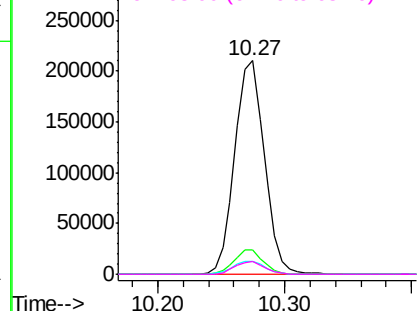
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.27 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	340978
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.0 13.6
54	6.0	5.3 7.9
68	6.0	5.2 7.8

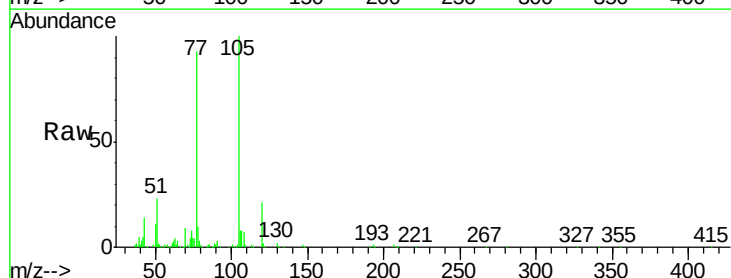


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

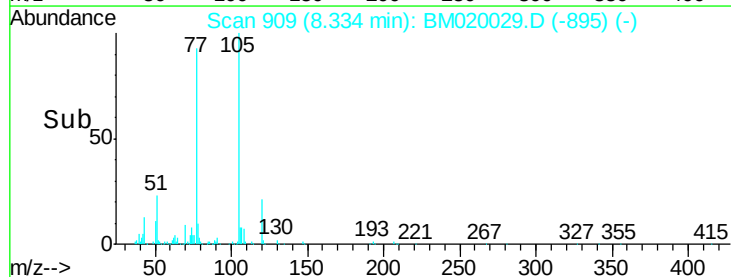
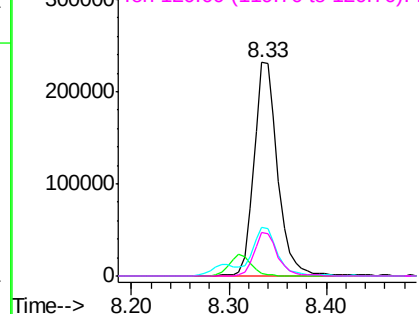


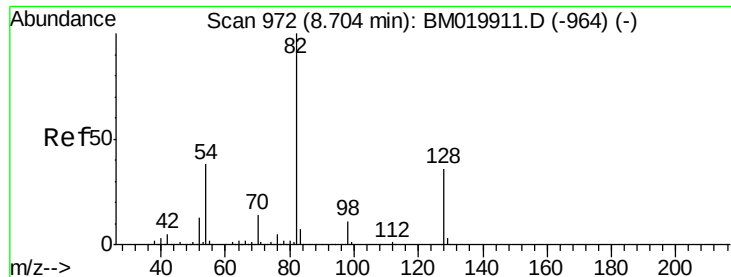
#22
Acetophenone
Concen: 42.474 ng
RT: 8.33 min Scan# 909
Delta R.T. -0.02 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion:105	Resp:	394468
Ion	Ratio	Lower Upper
105	100	
71	1.3	0.8 1.2#
51	22.8	16.9 25.3
120	20.6	16.4 24.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

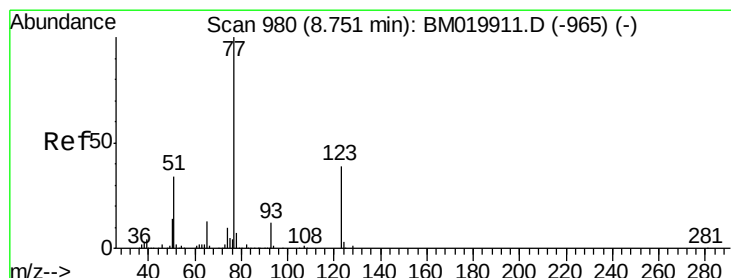
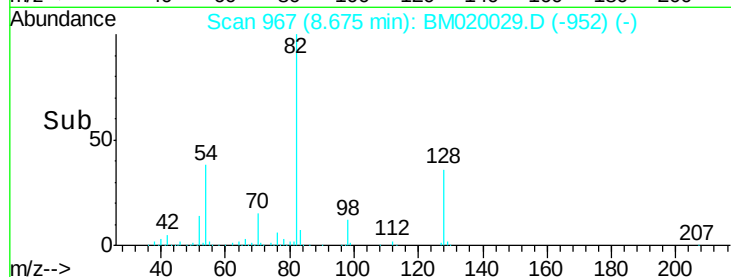
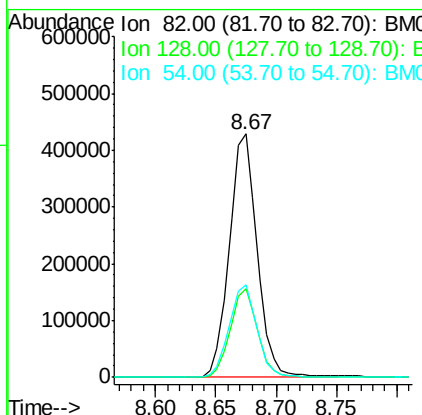
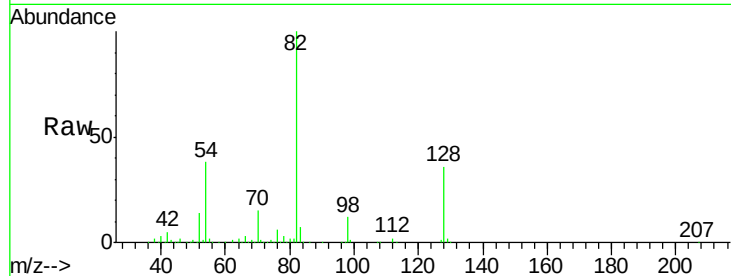




#23
 Nitrobenzene-d5
 Concen: 90.756 ng
 RT: 8.67 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

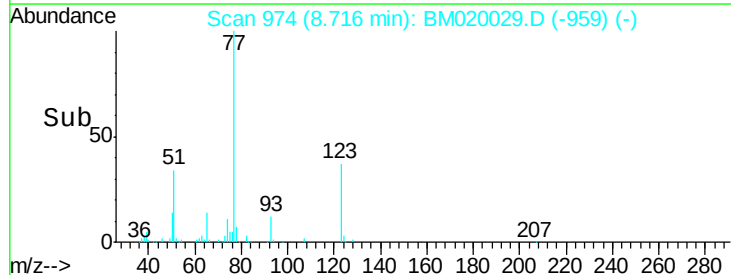
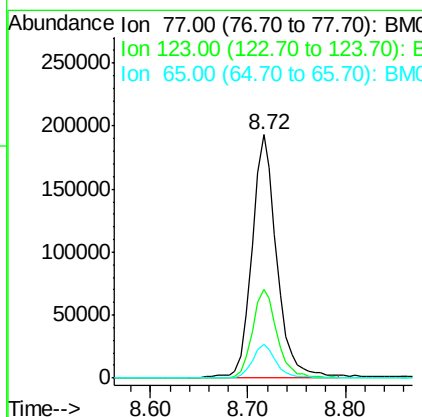
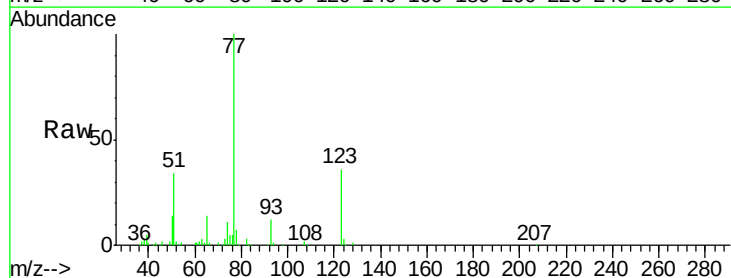
Instrument :
 BNA_M
 ClientSampled :

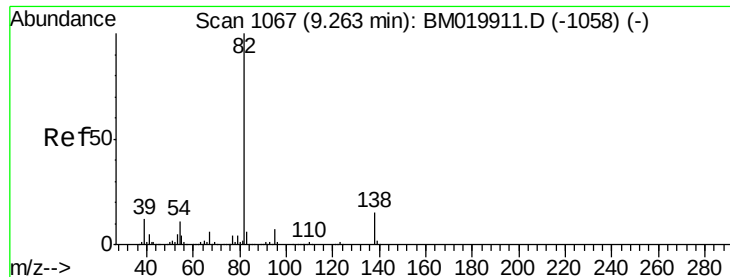
Tot Ion	82	Resp	691970
Ion Ratio	Lower	Upper	
82	100		
128	36.4	29.0	43.4
54	37.9	30.2	45.4



#24
 Nitrobenzene
 Concen: 43.479 ng
 RT: 8.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion	77	Resp	343418
Ion Ratio	Lower	Upper	
77	100		
123	36.4	31.0	46.4
65	14.0	10.6	16.0





#25

Isophorone

Concen: 37.661 ng

RT: 9.23 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

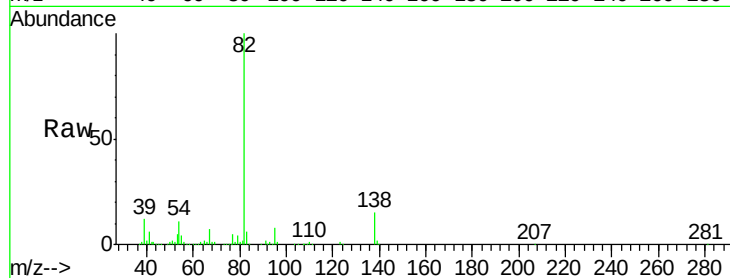
Tot Ion: 82 Resp: 558966

Ion Ratio Lower Upper

82 100

95 7.6 5.5 8.3

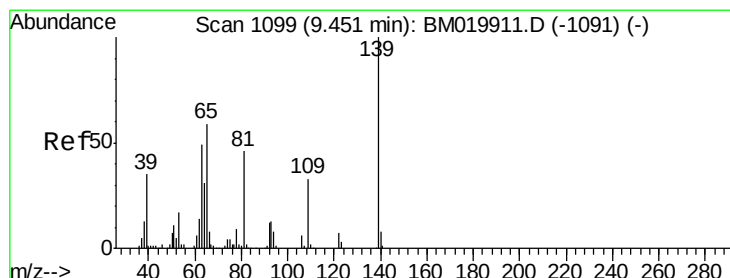
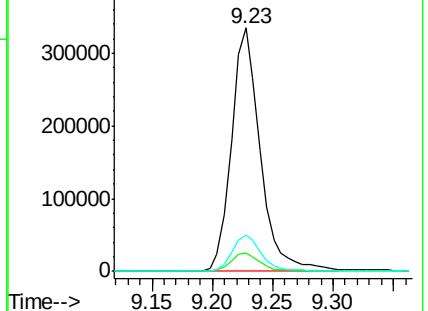
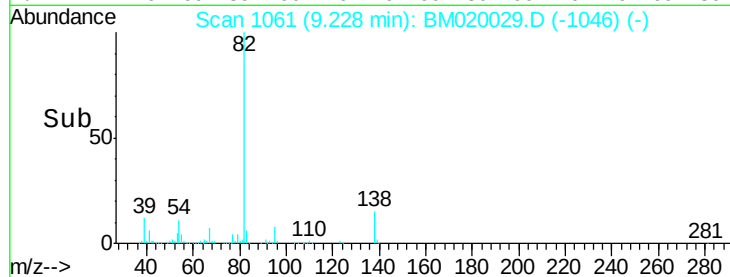
138 15.1 12.2 18.2



Abundance Ion 82.00 (81.70 to 82.70): BM020029.D (-1046) (-)

Ion 95.00 (94.70 to 95.70): BM020029.D (-1046) (-)

Ion 138.00 (137.70 to 138.70): BM020029.D (-1046) (-)



#26

2-Nitrophenol

Concen: 37.733 ng

RT: 9.42 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

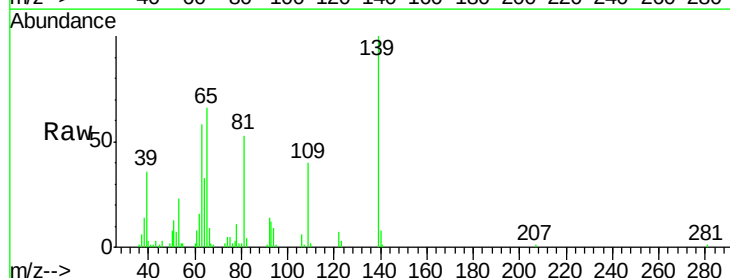
Tgt Ion: 139 Resp: 127005

Ion Ratio Lower Upper

139 100

109 40.1 26.3 39.5#

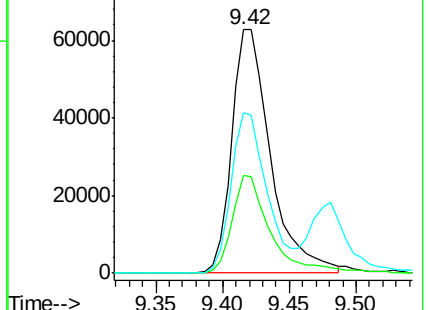
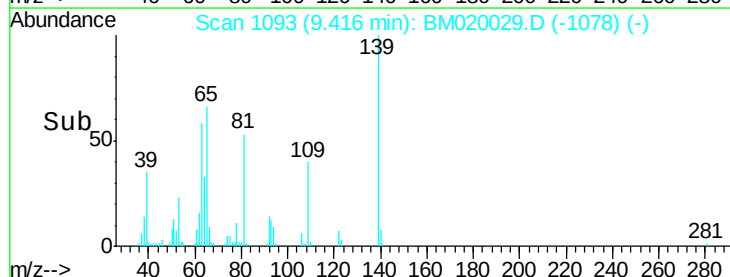
65 65.9 47.4 71.2

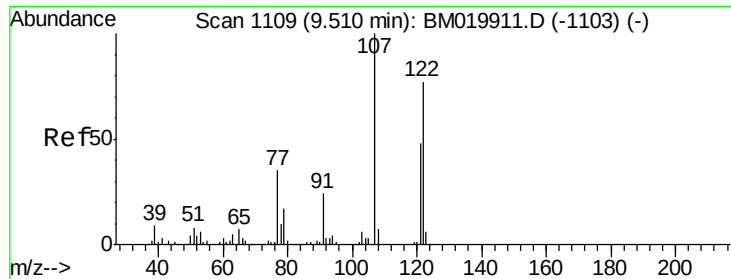


Abundance Ion 139.00 (138.70 to 139.70): BM020029.D (-1078) (-)

Ion 109.00 (108.70 to 109.70): BM020029.D (-1078) (-)

Ion 65.00 (64.70 to 65.70): BM020029.D (-1078) (-)

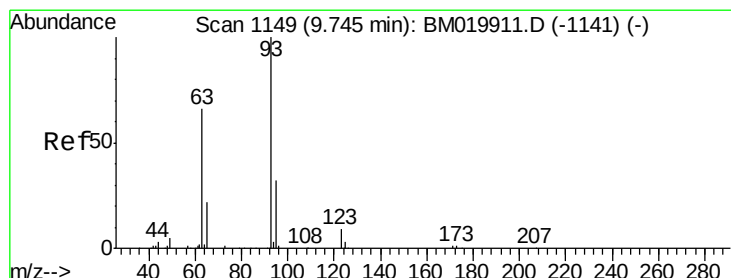
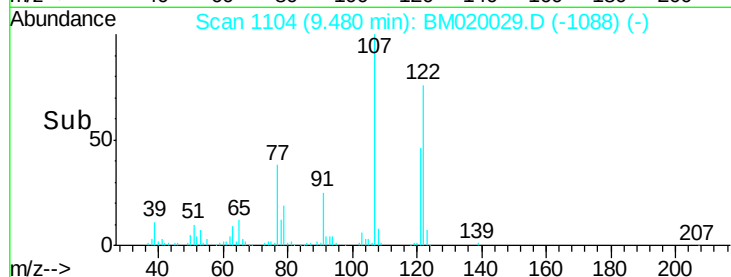
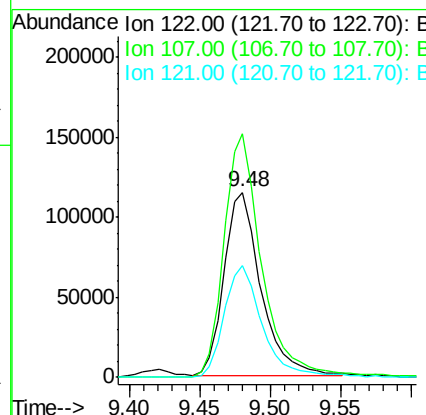
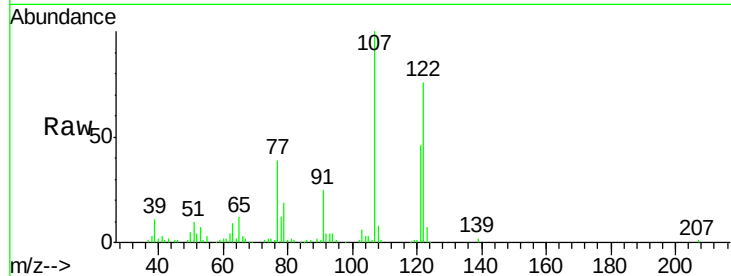




#27
 2,4-Dimethylphenol
 Concen: 44.127 ng
 RT: 9.48 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

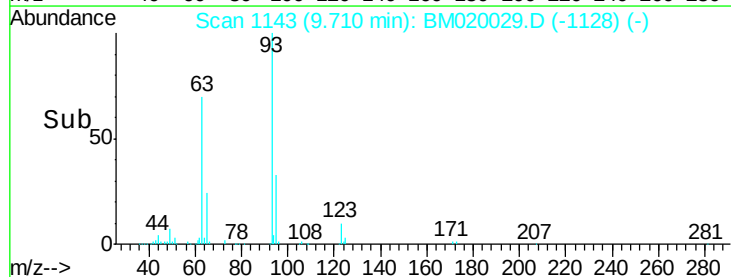
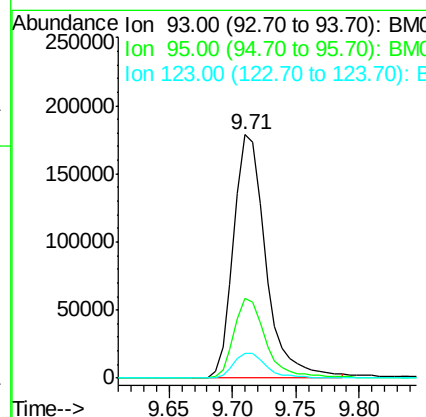
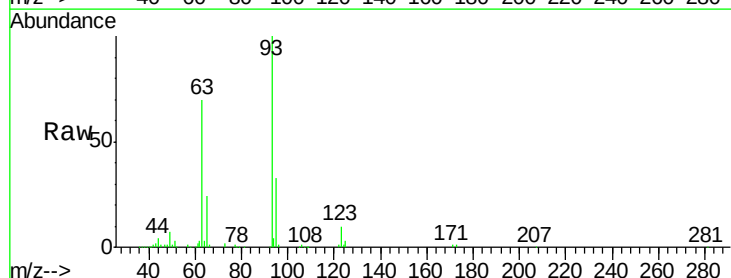
Instrument :
 BNA_M
 ClientSampleId :

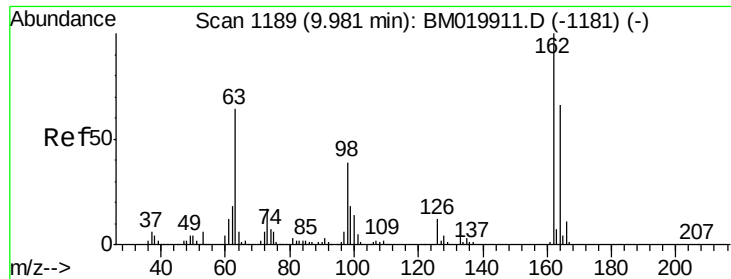
Tot Ion	Ratio	Lower	Upper
122	100		
107	131.6	103.1	154.7
121	60.5	49.8	74.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.074 ng
 RT: 9.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.8
123	10.0	8.2	12.2

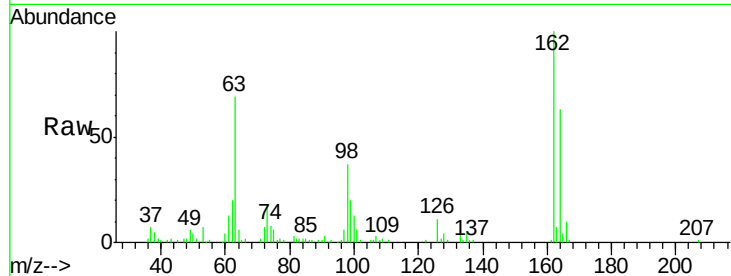




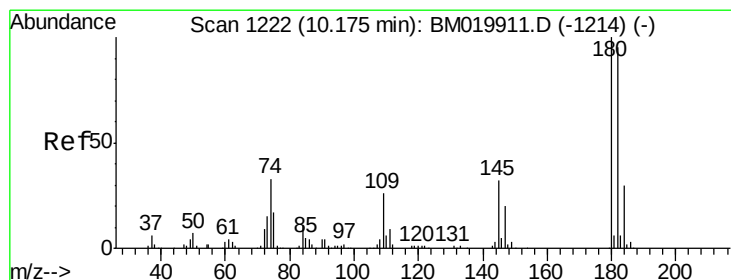
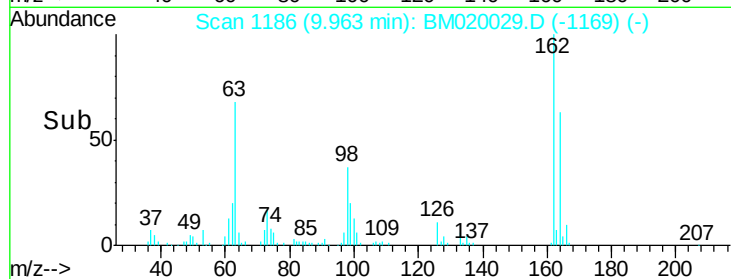
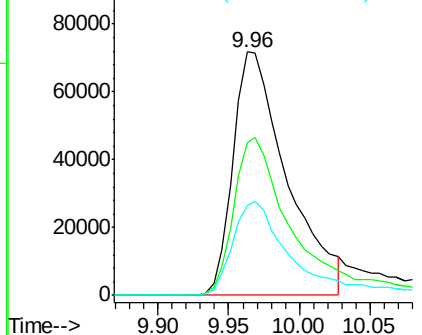
#29
2,4-Dichlorophenol
Concen: 35.620 ng
RT: 9.96 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	46.3	86.3
98	37.2	19.2	59.2

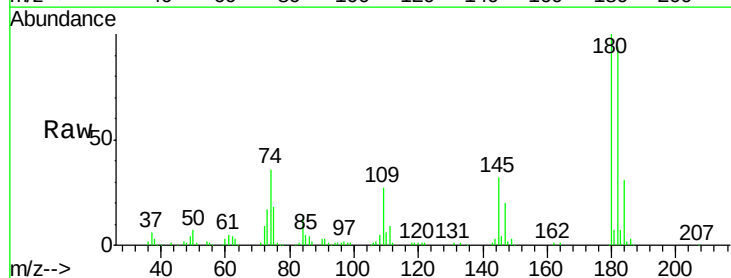


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

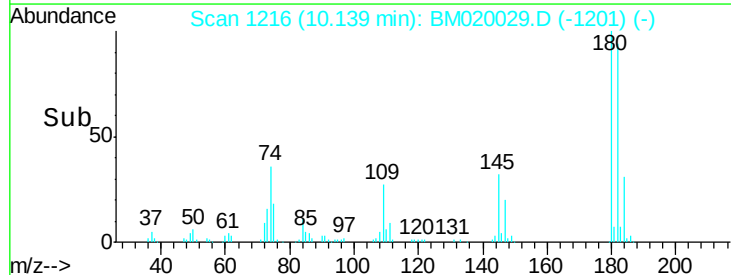
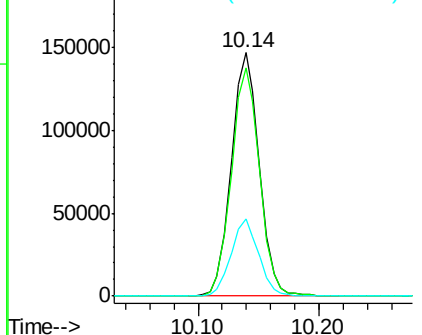


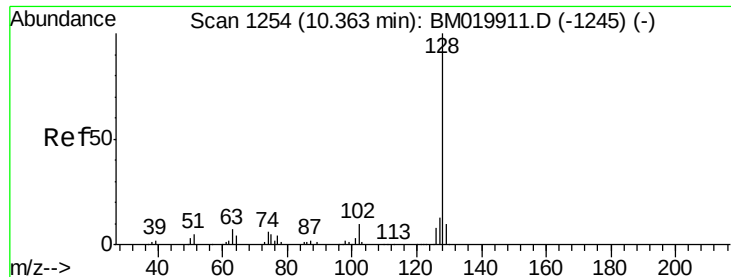
#30
1,2,4-Trichlorobenzene
Concen: 40.638 ng
RT: 10.14 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.3	114.5
145	31.6	25.5	38.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

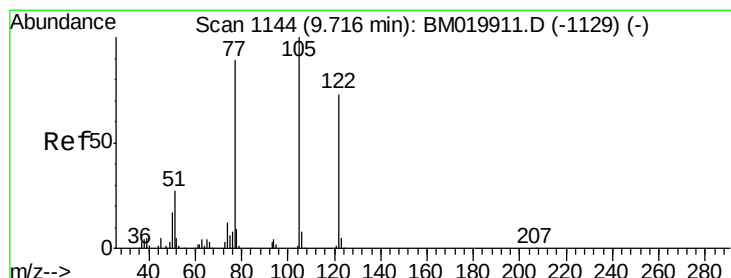
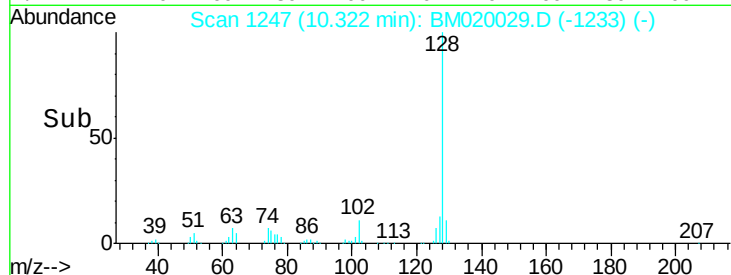
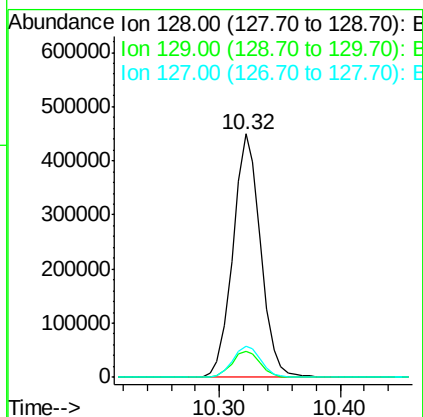
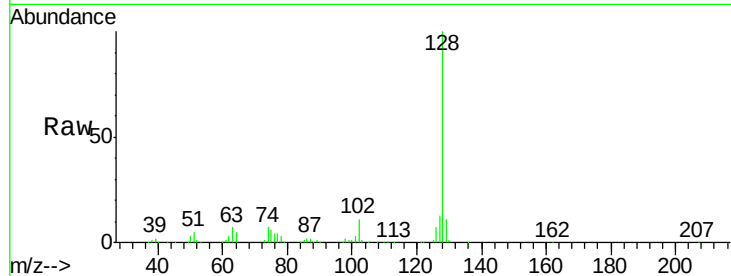




#31
Naphthalene
Concen: 39.128 ng
RT: 10.32 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

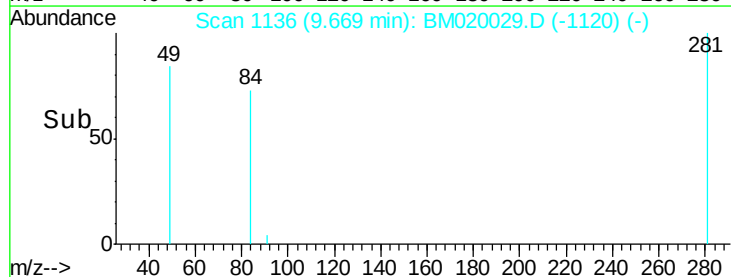
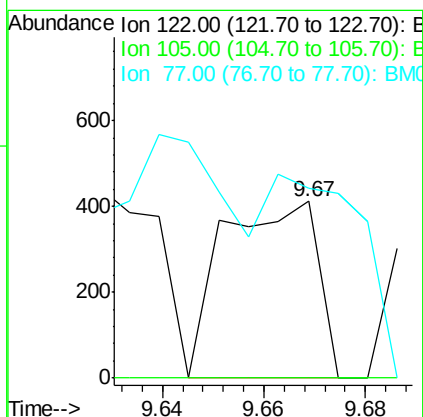
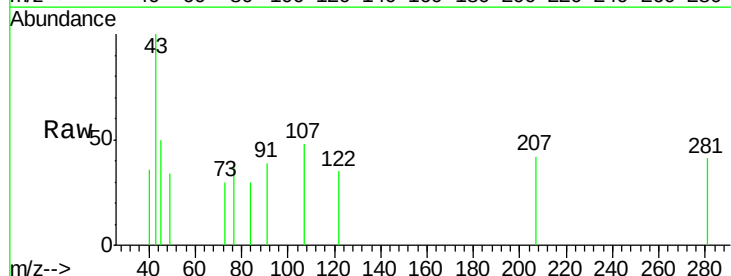
Instrument :
BNA_M
ClientSampleId :

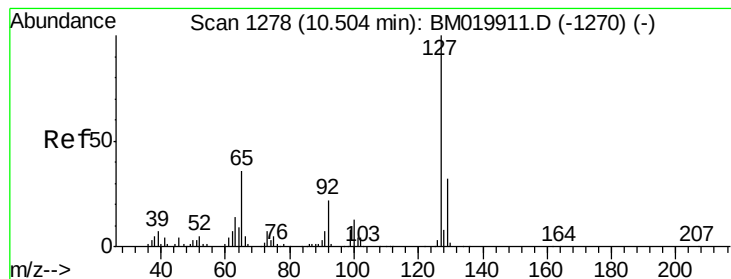
Tot Ion:128 Resp: 715611
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 5.179 ng
RT: 9.67 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion:122 Resp: 529
Ion Ratio Lower Upper
122 100
105 0.0 114.8 154.8#
77 107.3 100.2 140.2

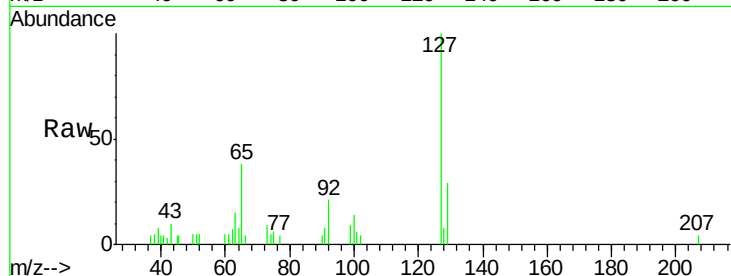




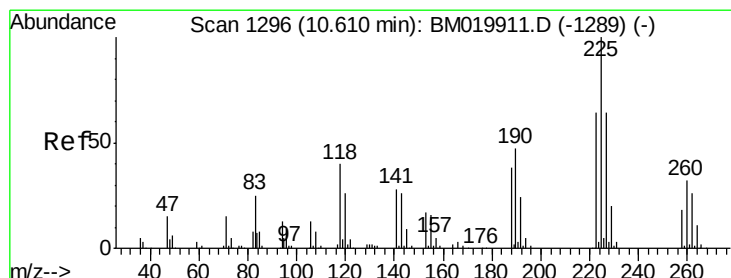
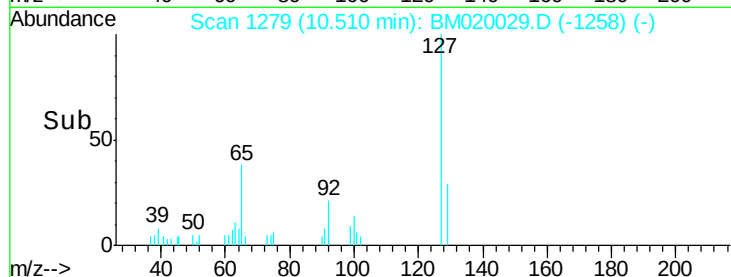
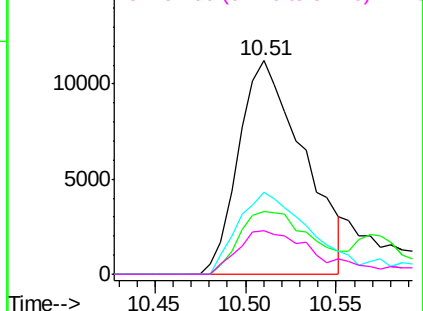
#33
4-Chloroaniline
Concen: 3.708 ng
RT: 10.51 min Scan# 1279
Delta R.T. 0.02 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127	Resp:	27941
Ion	Ratio	Lower Upper
127	100	
129	29.2	25.4 38.0
65	38.3	29.2 43.8
92	20.6	17.5 26.3

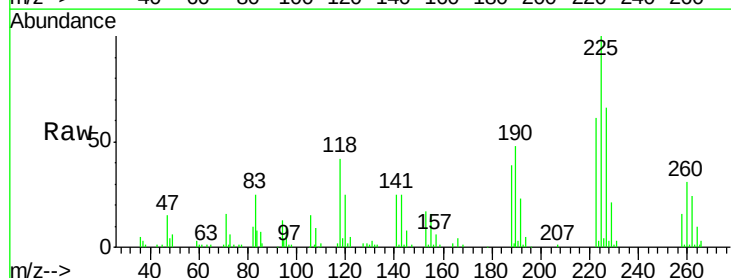


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

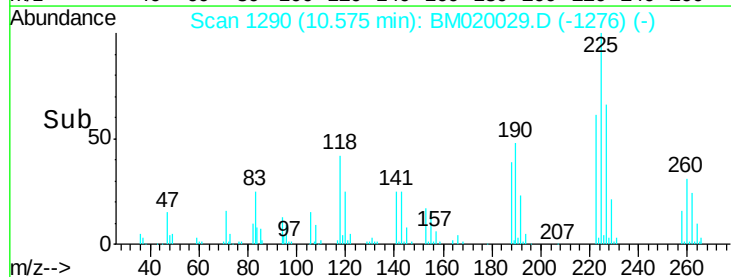
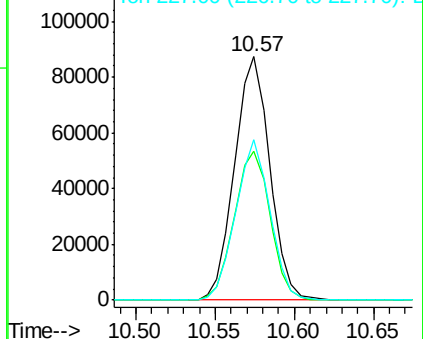


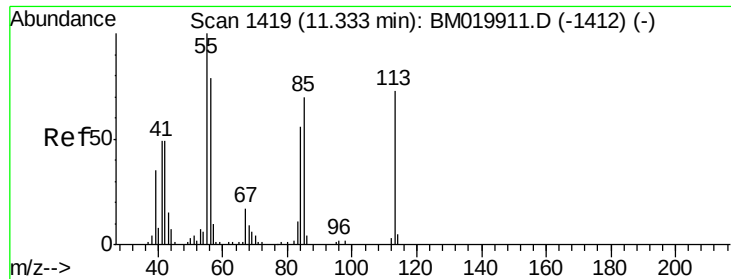
#34
Hexachlorobutadiene
Concen: 39.280 ng
RT: 10.57 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion:225	Resp:	134772
Ion	Ratio	Lower Upper
225	100	
223	61.4	51.4 77.2
227	65.8	51.0 76.6



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

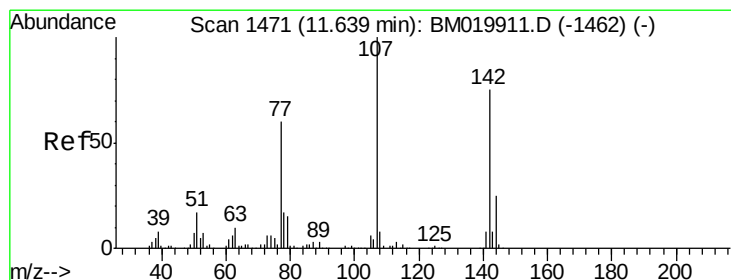
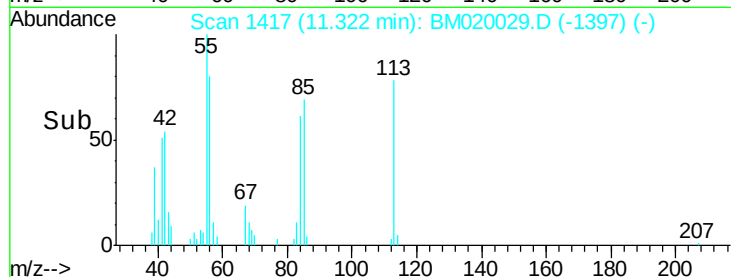
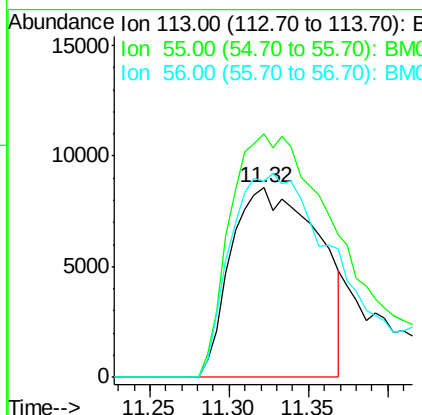
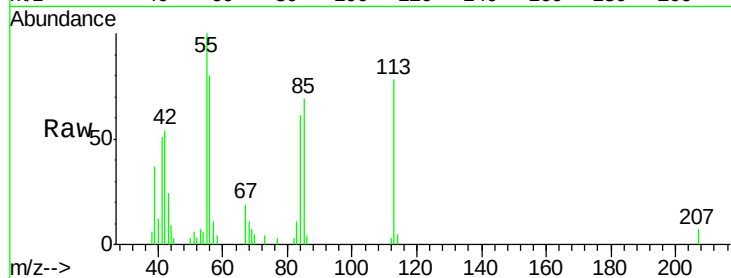




#35
Caprolactam
Concen: 16.088 ng
RT: 11.32 min Scan# 1417
Delta R.T. 0.02 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

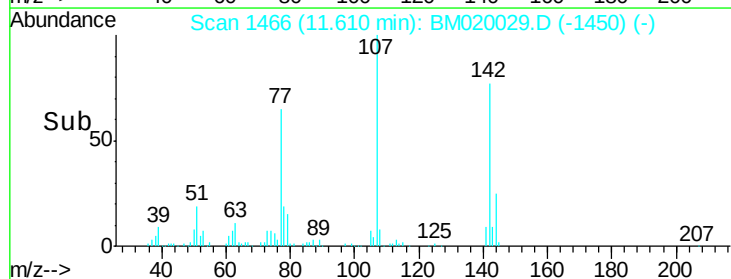
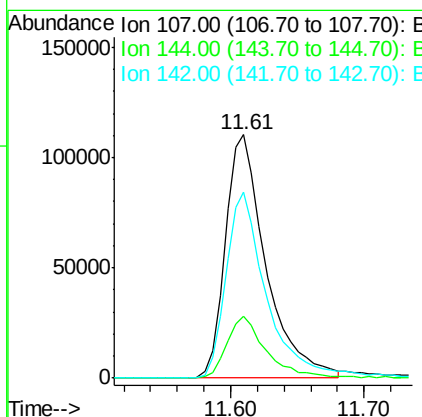
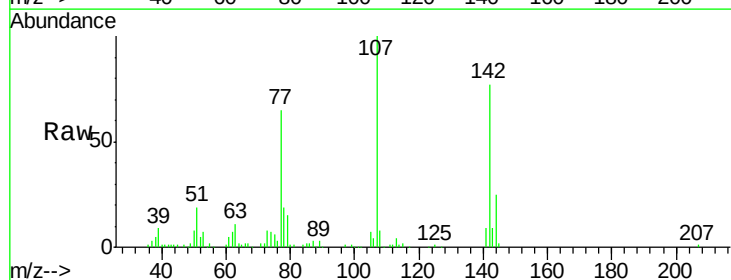
Instrument :
BNA_M
ClientSampled :

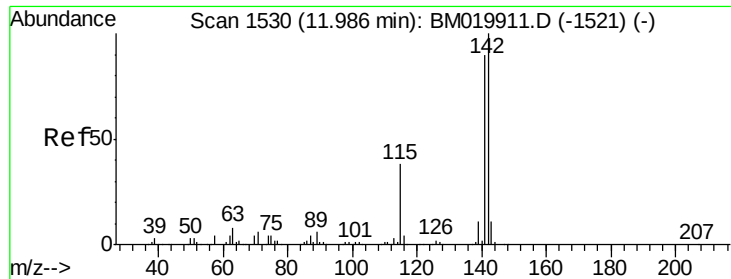
Tot Ion:113 Resp: 32915
Ion Ratio Lower Upper
113 100
55 128.5 117.1 157.1
56 103.4 88.2 128.2



#36
4-Chloro-3-methylphenol
Concen: 34.861 ng
RT: 11.61 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion:107 Resp: 234126
Ion Ratio Lower Upper
107 100
144 25.4 19.8 29.8
142 76.5 60.3 90.5

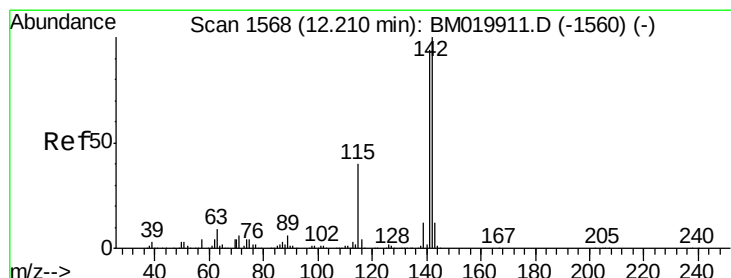
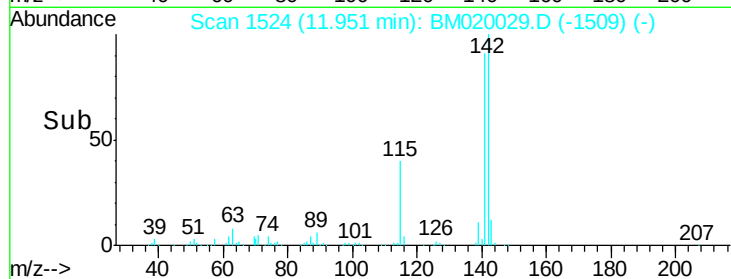
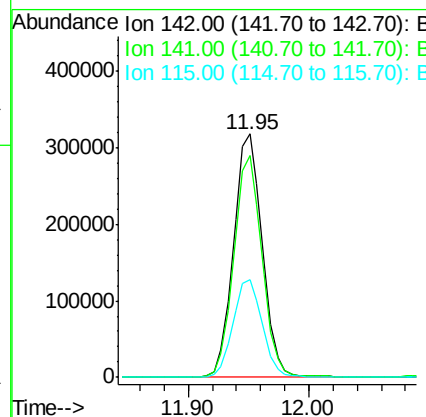
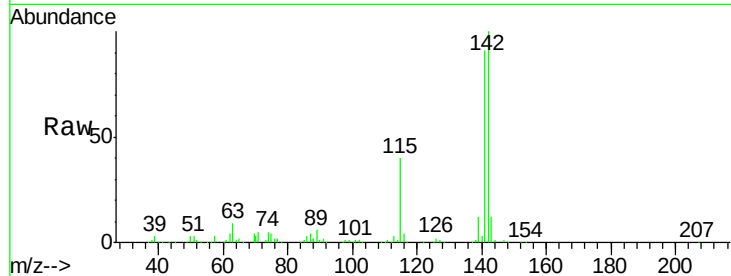




#37
2-Methylnaphthalene
Concen: 39.569 ng
RT: 11.95 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

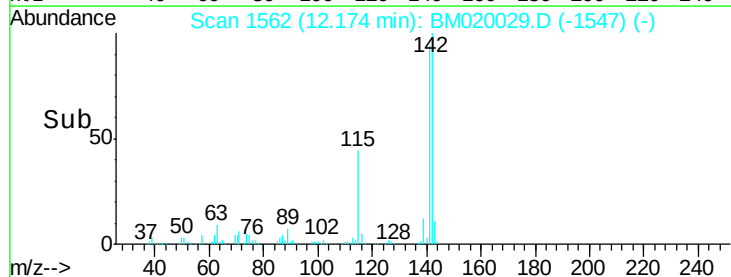
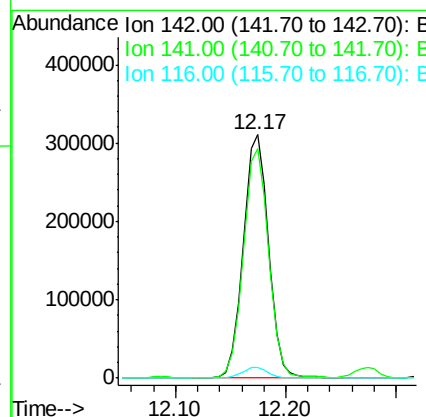
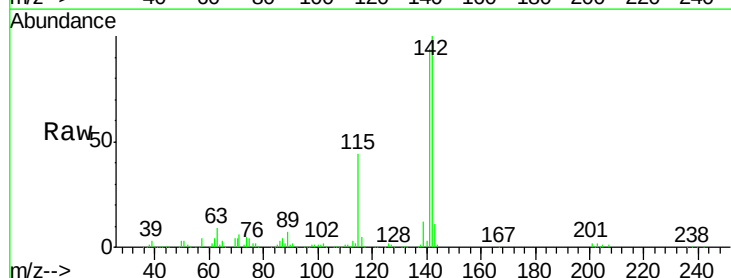
Instrument :
BNA_M
ClientSampleId :

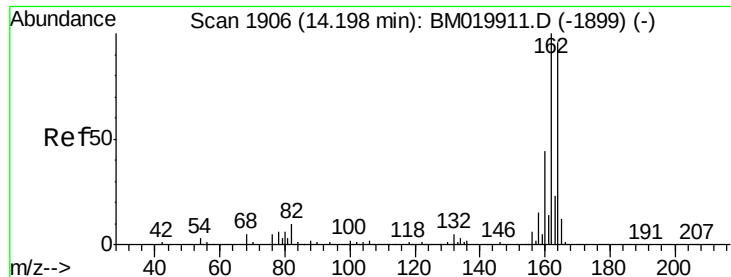
Tot Ion:142 Resp: 526863
Ion Ratio Lower Upper
142 100
141 90.9 72.3 108.5
115 40.0 30.5 45.7



#38
1-Methylnaphthalene
Concen: 38.049 ng
RT: 12.17 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion:142 Resp: 500234
Ion Ratio Lower Upper
142 100
141 94.3 75.7 113.5
116 4.6 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.16 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

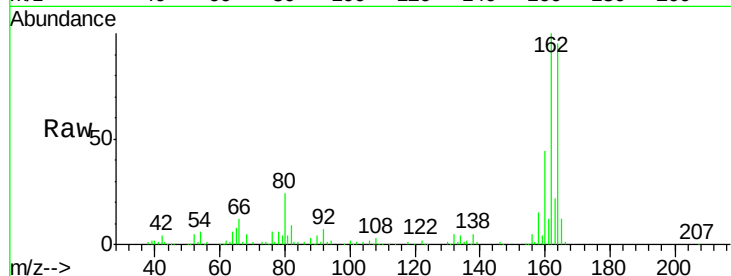
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 177842

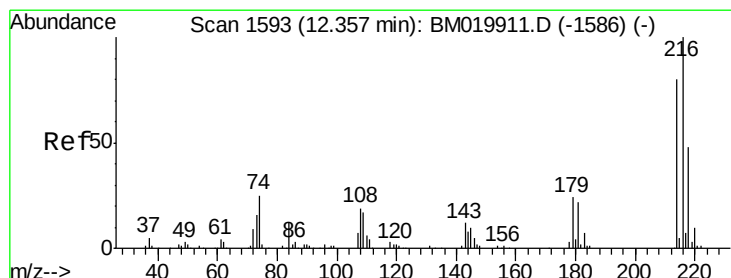
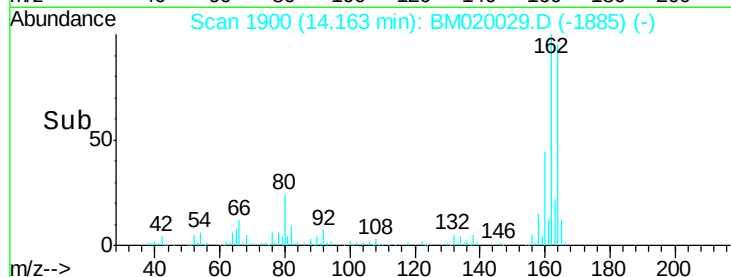
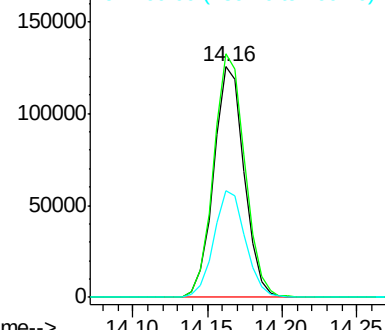
Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.0	124.4
160	46.6	36.6	55.0



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: 47.462 ng

RT: 12.33 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt Ion:216 Resp: 260392

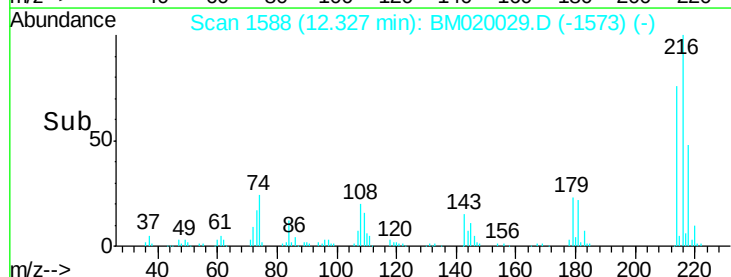
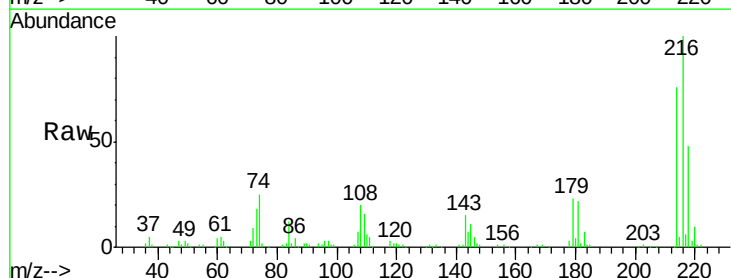
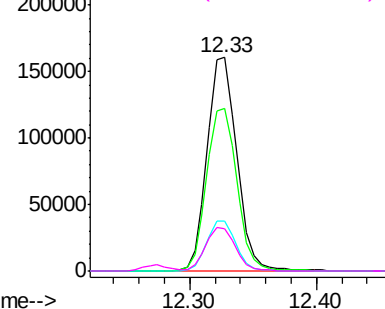
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.1	94.7
179	23.1	19.0	28.6
108	20.6	16.3	24.5

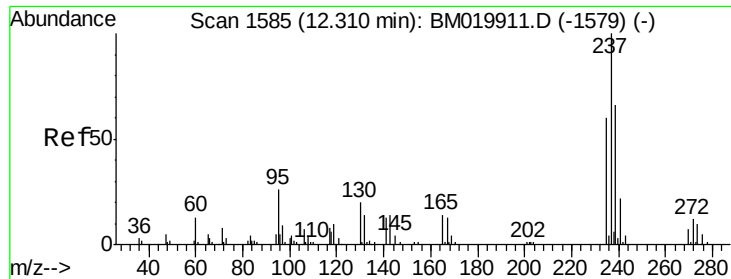
Abundance Ion 216.00 (215.70 to 216.70): E

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

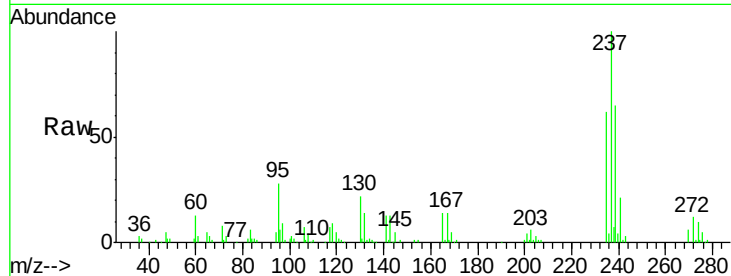




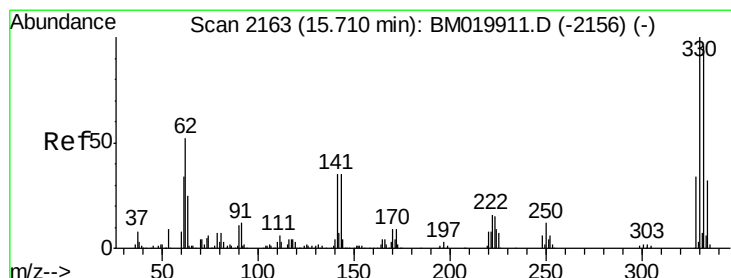
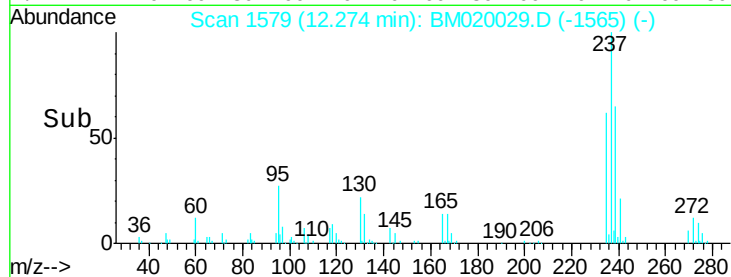
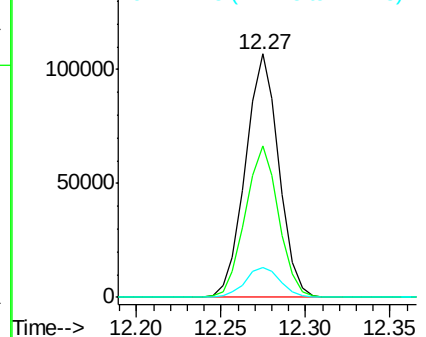
#41
Hexachlorocyclopentadiene
Concen: 76.147 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Instrument :
BNA_M
ClientSampleId :

Tot Ion:237 Resp: 146630
Ion Ratio Lower Upper
237 100
235 62.2 40.4 80.4
272 12.4 0.0 32.3

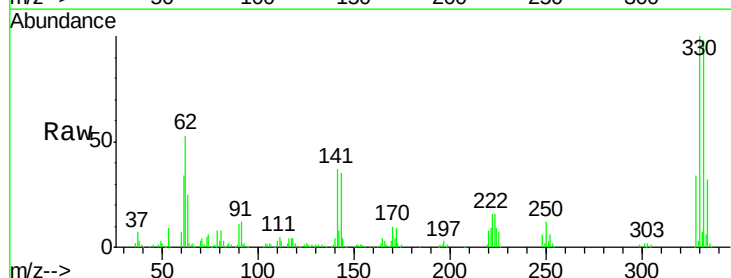


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

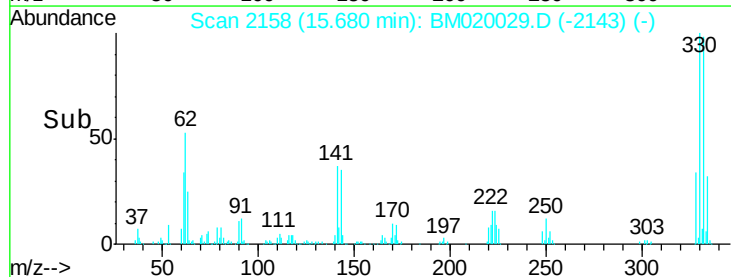
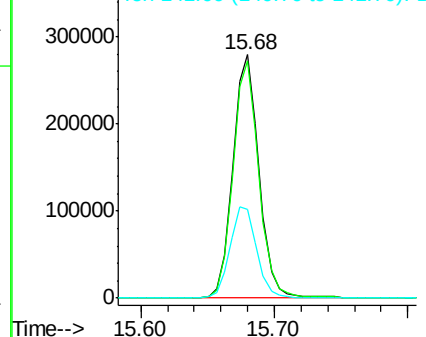


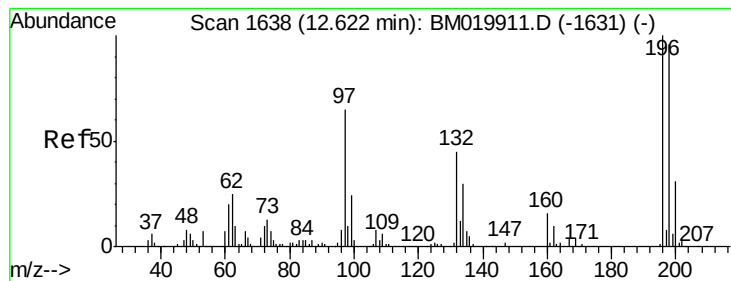
#42
2,4,6-Tribromophenol
Concen: 133.703 ng
RT: 15.68 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion:330 Resp: 382759
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 39.1 29.0 43.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 44.955 ng

RT: 12.59 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

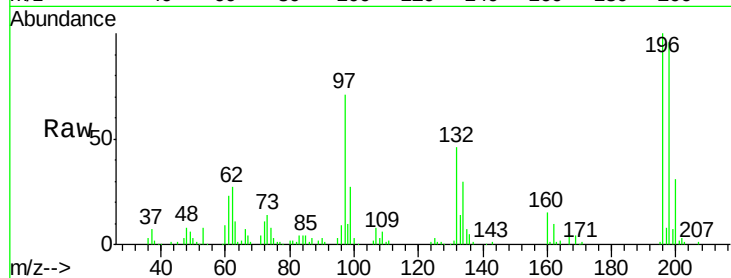
Tot Ion:196 Resp: 167213

Ion Ratio Lower Upper

196 100

198 95.7 76.8 115.2

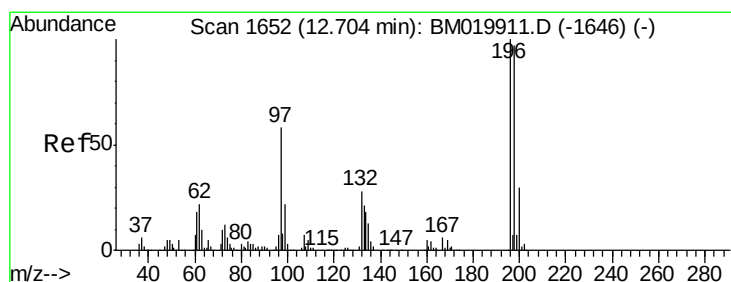
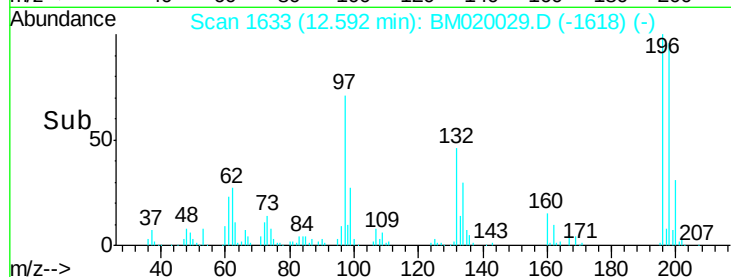
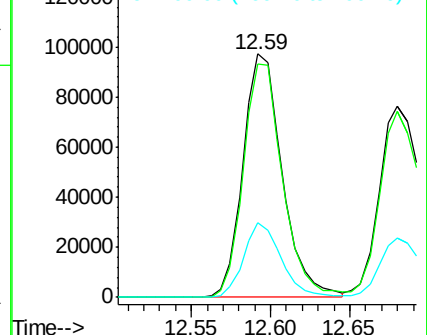
200 30.9 24.6 37.0



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: 41.923 ng

RT: 12.68 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt Ion:196 Resp: 162297

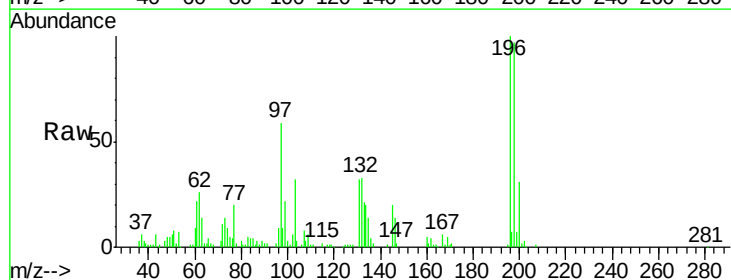
Ion Ratio Lower Upper

196 100

198 96.9 77.8 116.8

97 58.5 46.2 69.2

132 33.4 22.7 34.1

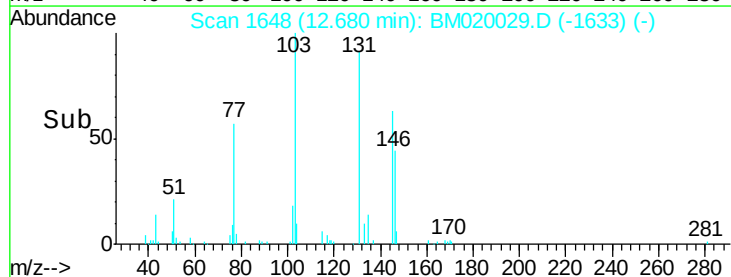
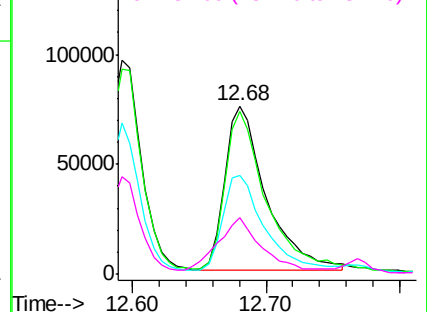


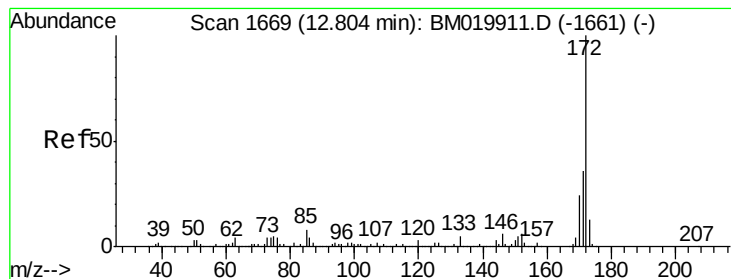
Abundance Ion 196.00 (195.70 to 196.70): E

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: 95.381 ng

RT: 12.77 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

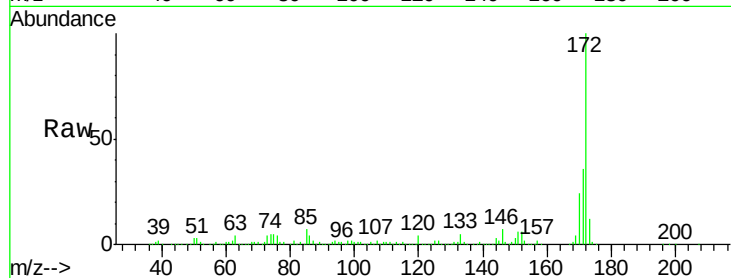
Instrument :

BNA_M

ClientSampleId :

Tot Ion:172 Resp: 1361130

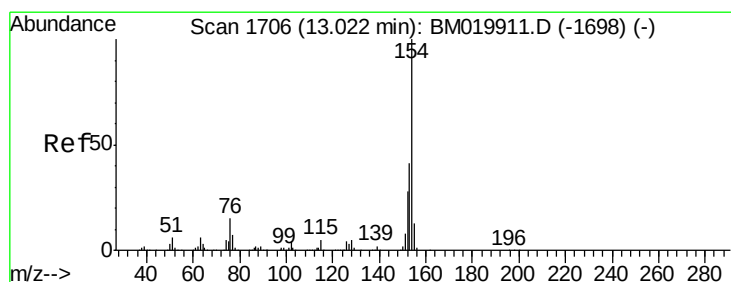
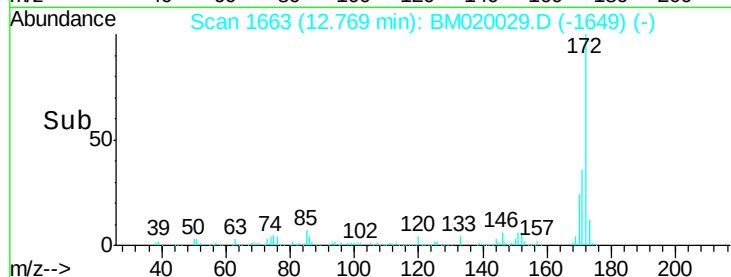
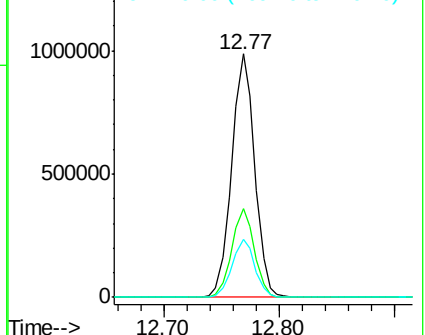
Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	23.9	19.0	28.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 44.259 ng

RT: 12.99 min Scan# 1700

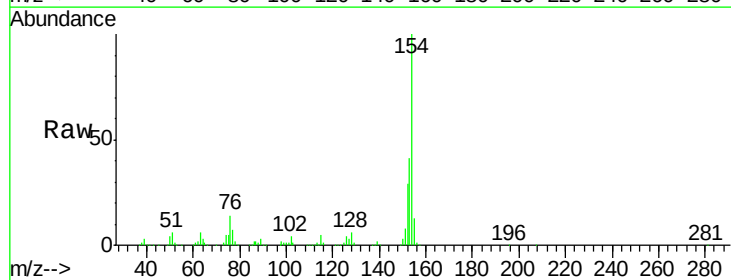
Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt Ion:154 Resp: 681744

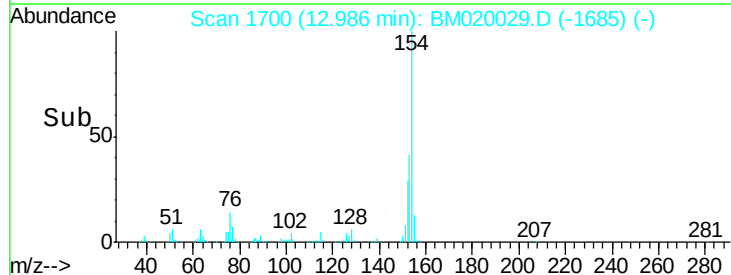
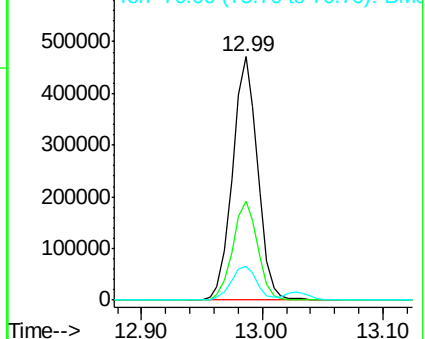
Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.0	61.0
76	13.6	0.0	34.8

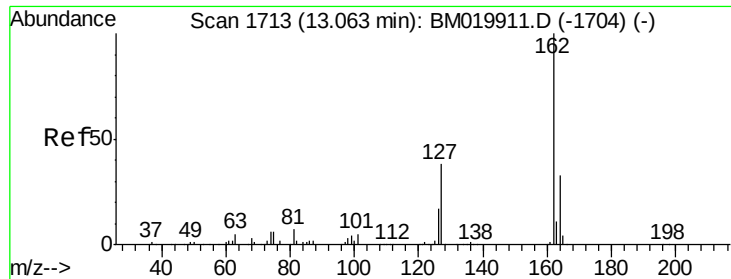


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

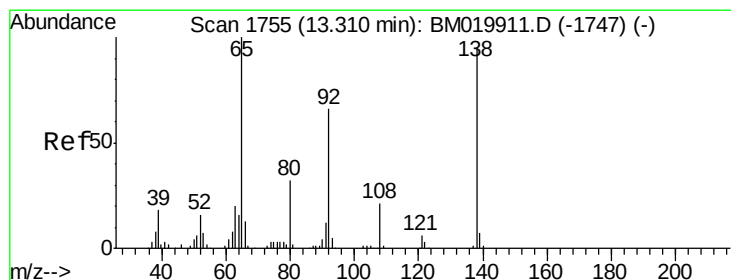
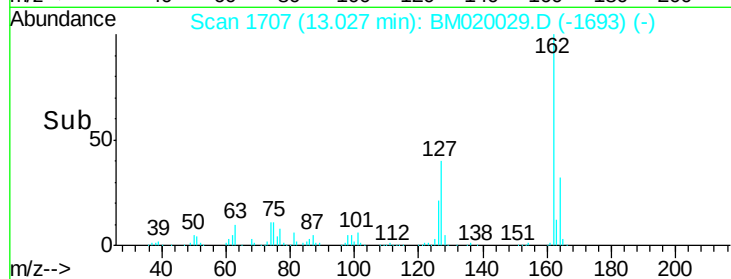
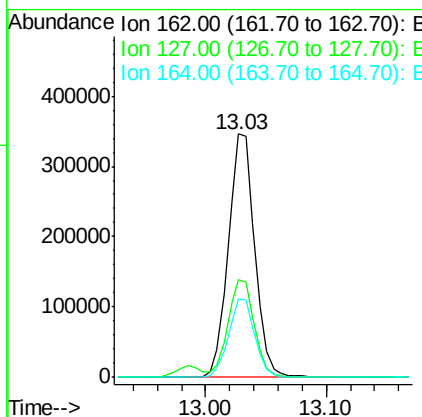
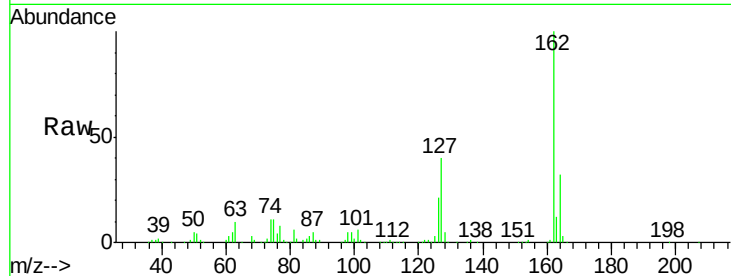




#47
 2-Chloronaphthalene
 Concen: 44.893 ng
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

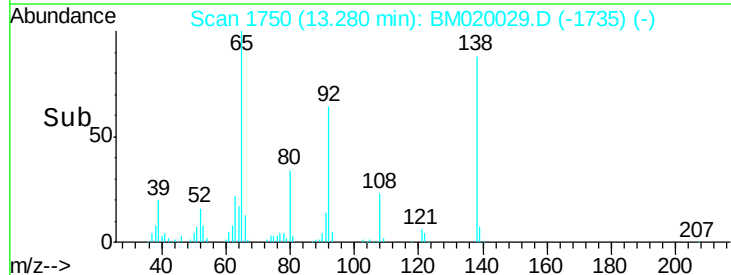
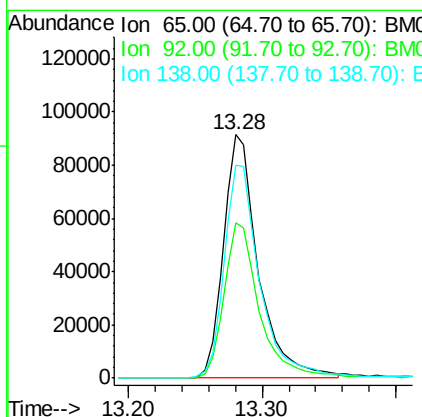
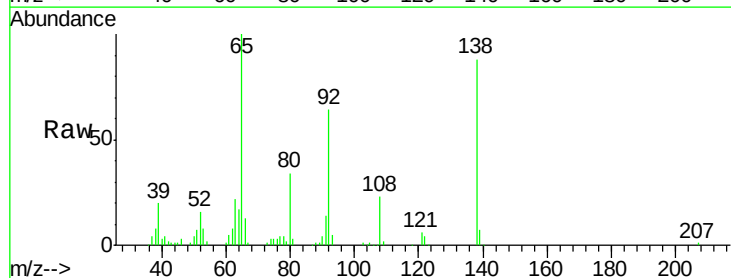
Instrument :
 BNA_M
 ClientSampled :

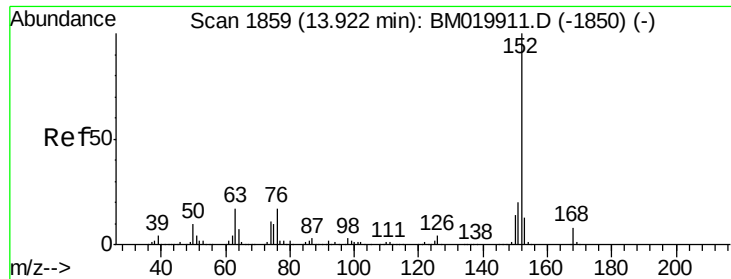
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.3	48.5
164	32.2	26.3	39.5



#48
 2-Nitroaniline
 Concen: 39.515 ng
 RT: 13.28 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.7	52.9	79.3
138	87.6	75.8	113.6





#49

Acenaphthylene

Concen: 40.782 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

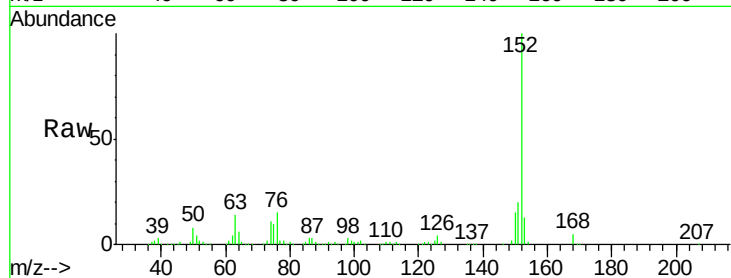
Tot Ion:152 Resp: 833694

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

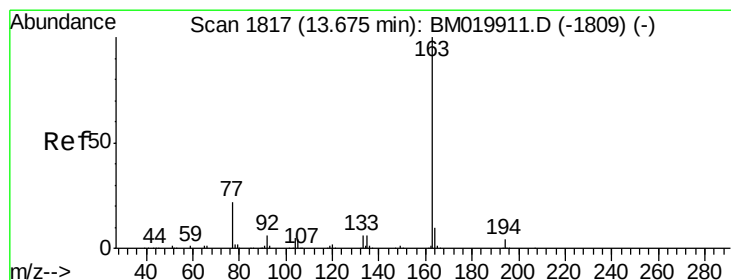
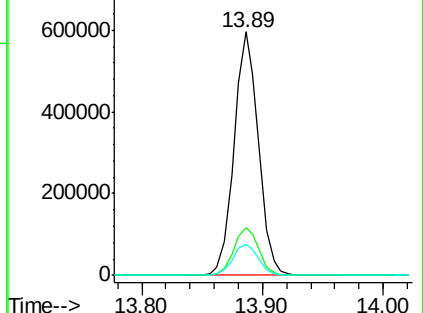
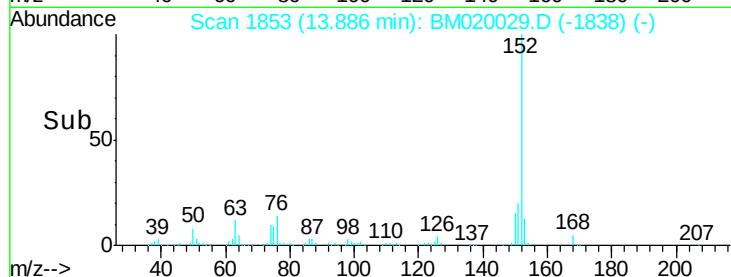
153 12.9 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.837 ng

RT: 13.64 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

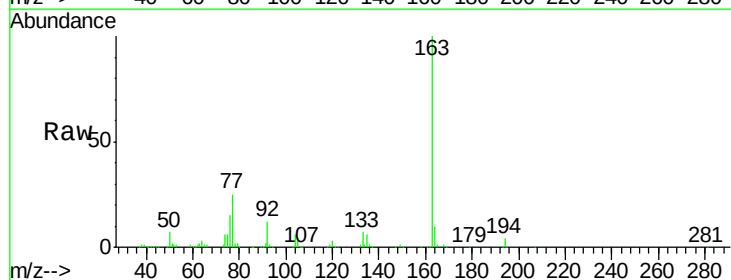
Tgt Ion:163 Resp: 671975

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

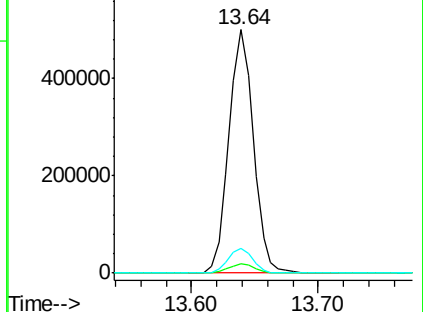
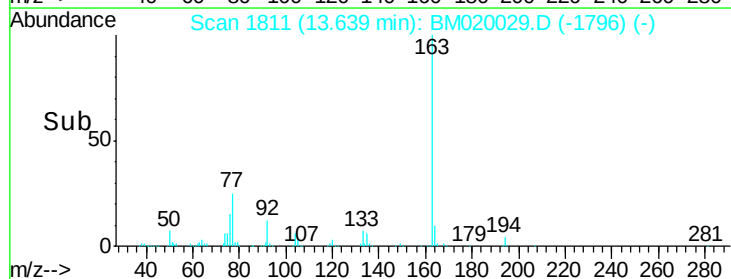
164 10.0 7.9 11.9

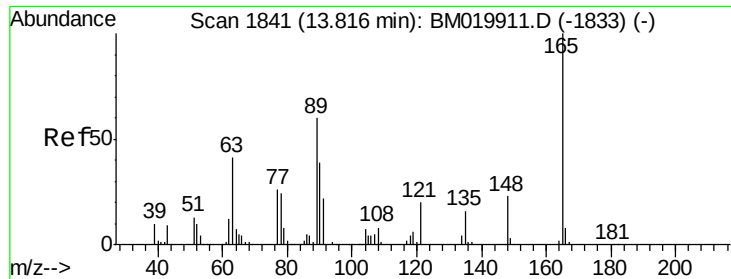


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.491 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

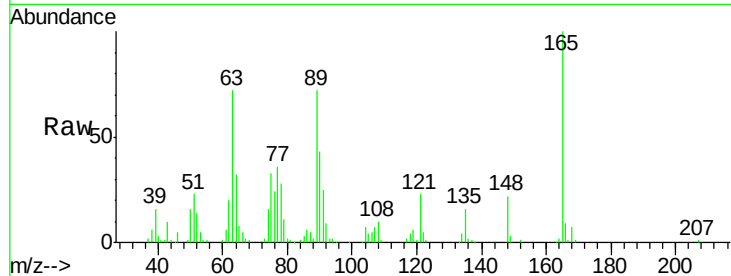
Tot Ion:165 Resp: 143926

Ion Ratio Lower Upper

165 100

63 71.8 48.5 72.7

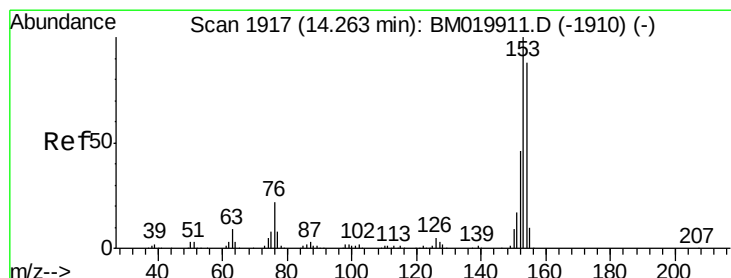
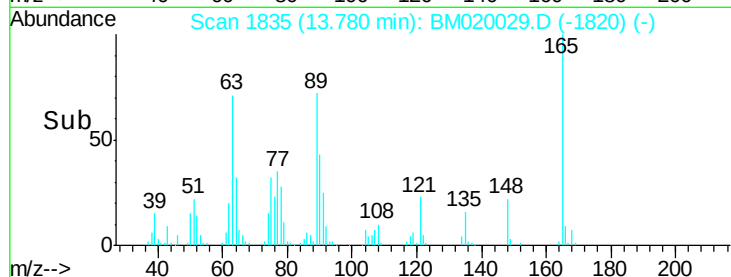
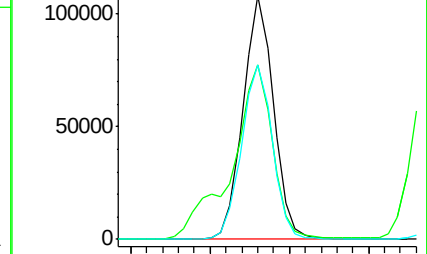
89 71.9 48.2 72.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 42.911 ng

RT: 14.23 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

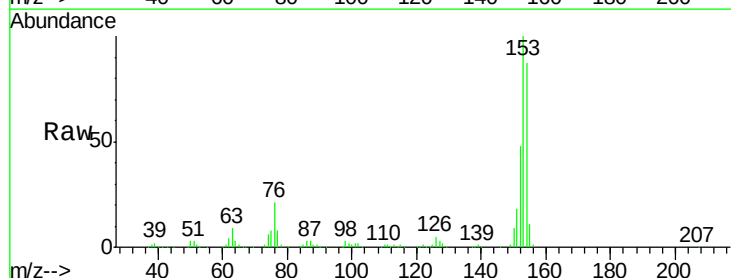
Tgt Ion:154 Resp: 486394

Ion Ratio Lower Upper

154 100

153 114.9 91.0 136.4

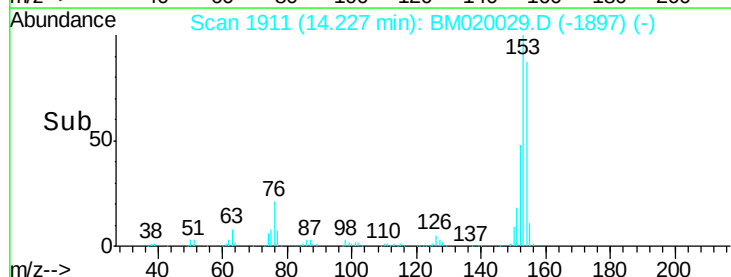
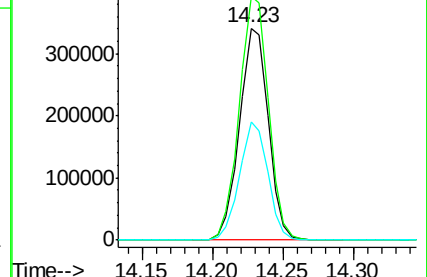
152 55.7 42.2 63.2

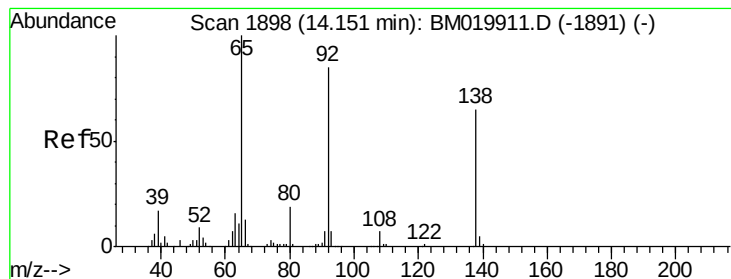


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 11.332 ng

RT: 14.14 min Scan# 1896

Delta R.T. 0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

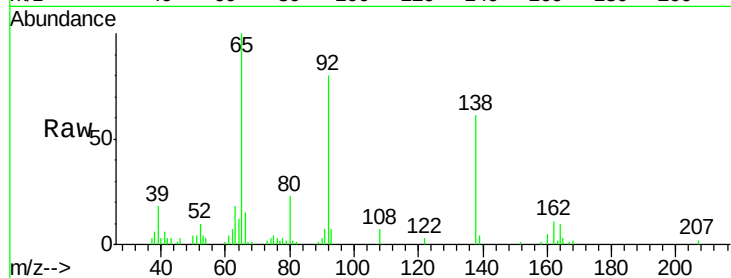
Tot Ion:138 Resp: 39251

Ion Ratio Lower Upper

138 100

108 12.1 8.9 13.3

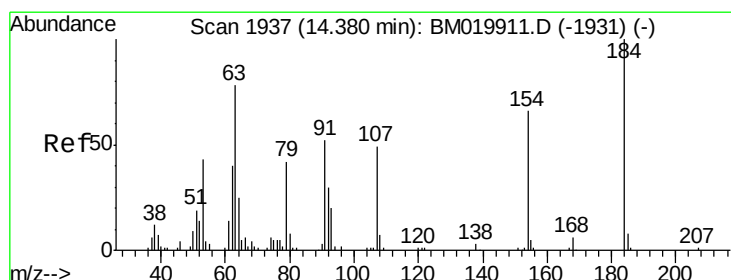
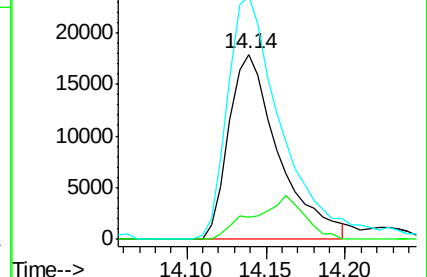
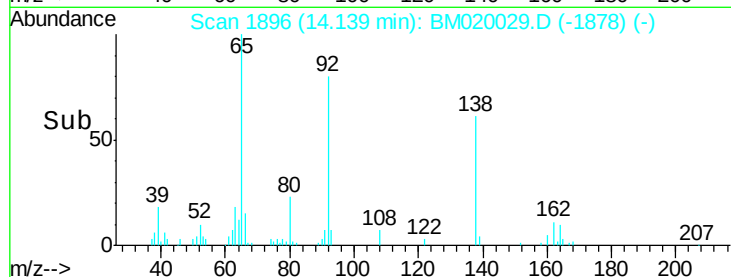
92 131.5 103.8 155.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 23.047 ng

RT: 14.38 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

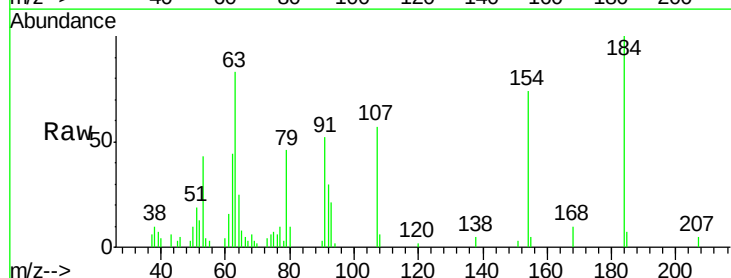
Tgt Ion:184 Resp: 35576

Ion Ratio Lower Upper

184 100

63 82.7 62.3 93.5

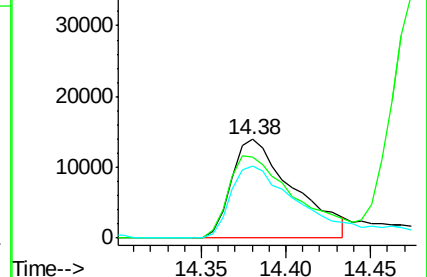
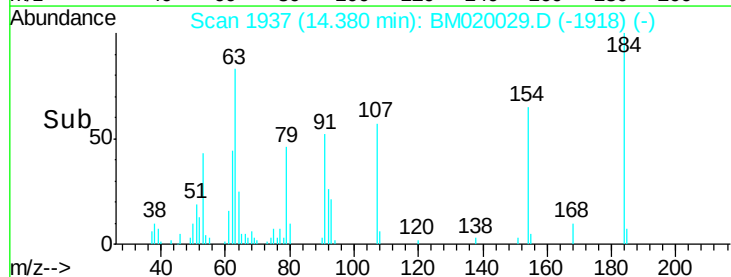
154 73.5 53.0 79.6

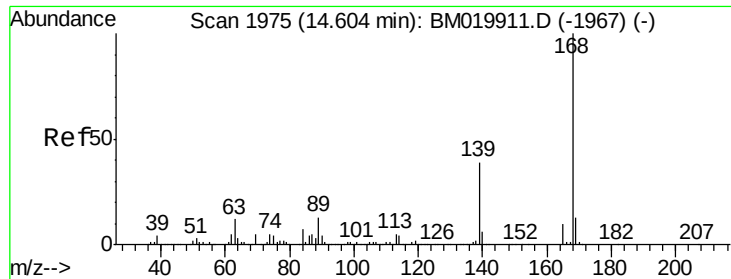


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

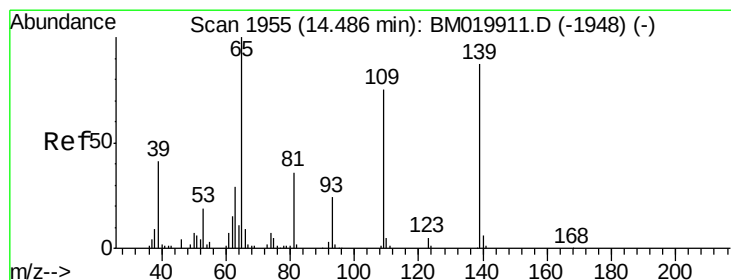
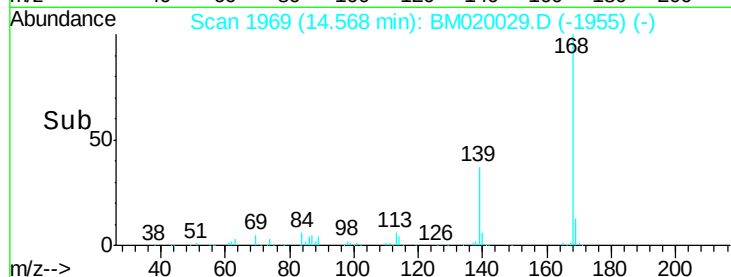
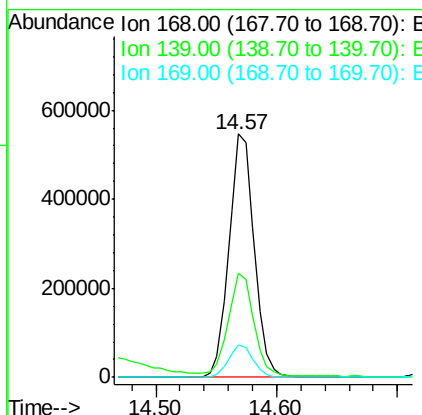
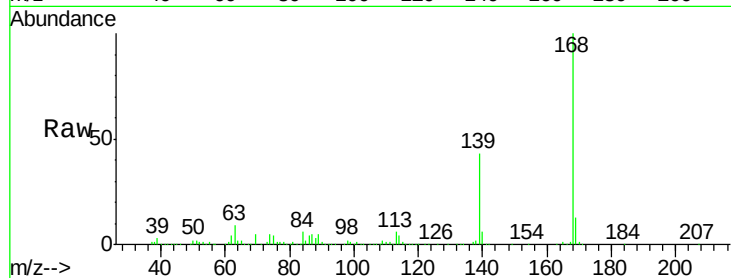




#55
Dibenzenofuran
Concen: 42.861 ng
RT: 14.57 min Scan# 1969
Delta R.T. -0.02 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

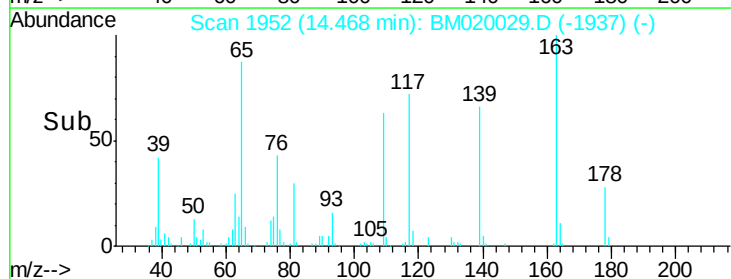
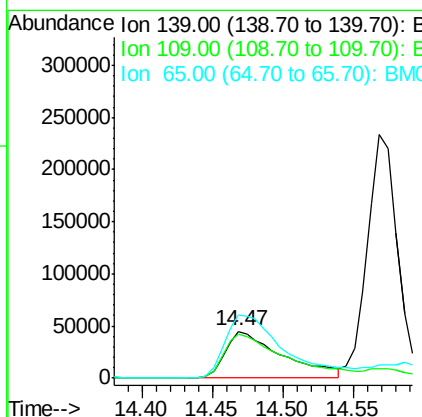
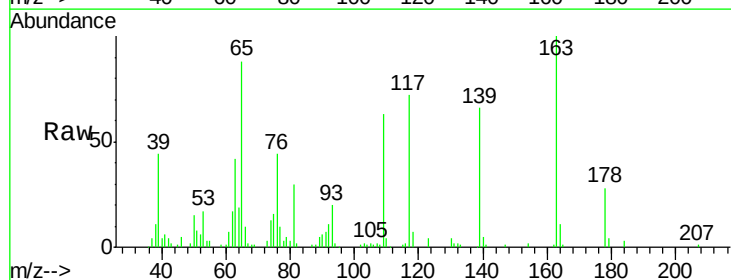
Instrument :
BNA_M
ClientSampleId :

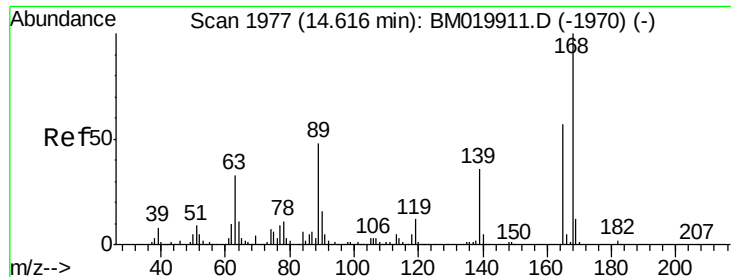
Tot Ion	Ratio	Lower	Upper
168	100		
139	42.7	31.5	47.3
169	13.4	10.6	16.0



#56
4-Nitrophenol
Concen: 48.544 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.2	65.3	105.3
65	134.4	94.9	134.9

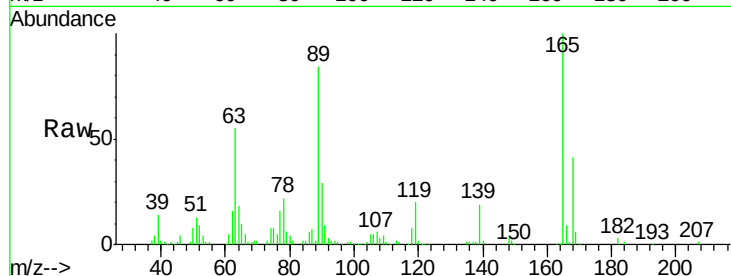




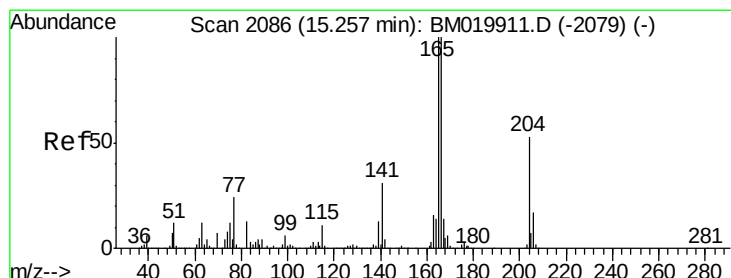
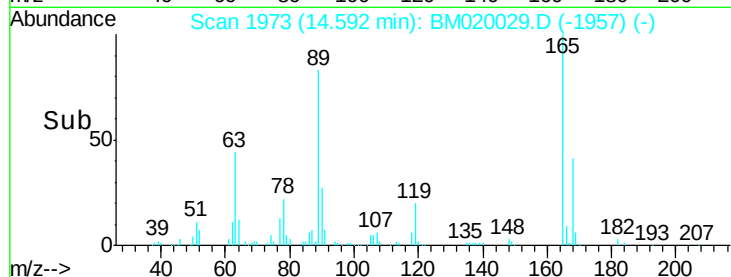
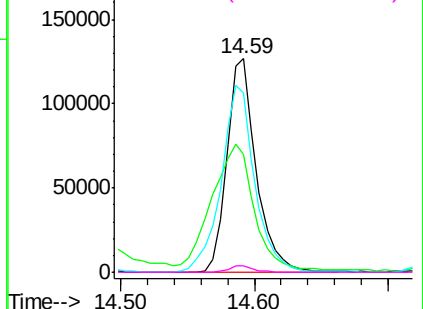
#57
 2,4-Dinitrotoluene
 Concen: 39.096 ng
 RT: 14.59 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 194939
 Ion Ratio Lower Upper
 165 100
 63 55.2 46.0 69.0
 89 84.0 67.5 101.3
 182 2.9 2.4 3.6

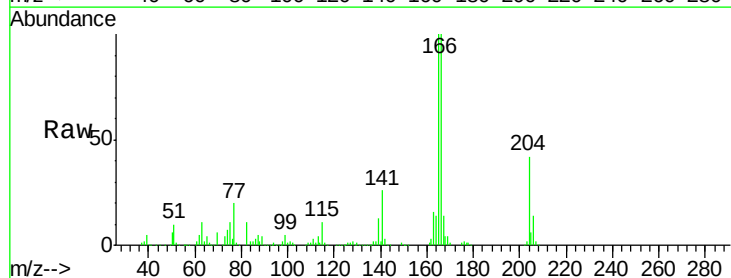


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

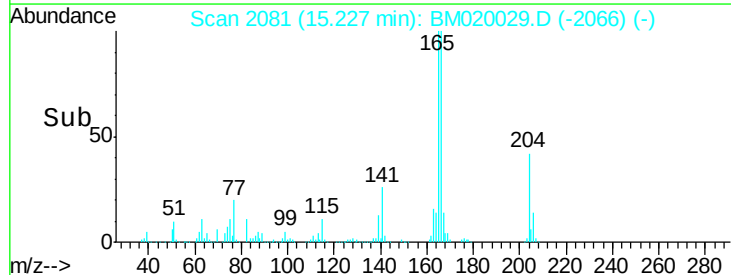
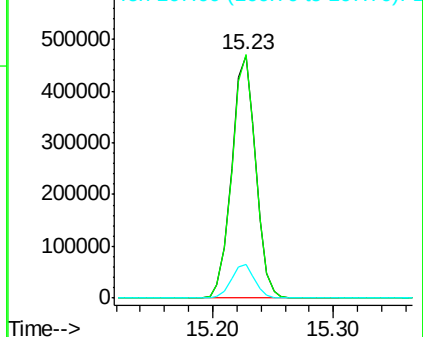


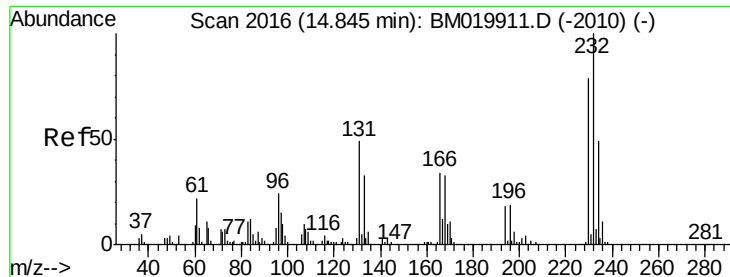
#58
 Fluorene
 Concen: 41.366 ng
 RT: 15.23 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion:166 Resp: 649689
 Ion Ratio Lower Upper
 166 100
 165 100.2 80.1 120.1
 167 13.6 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

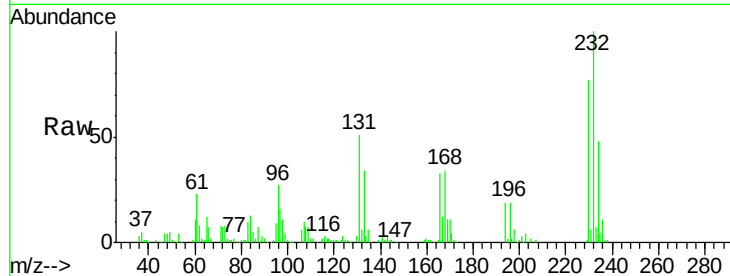




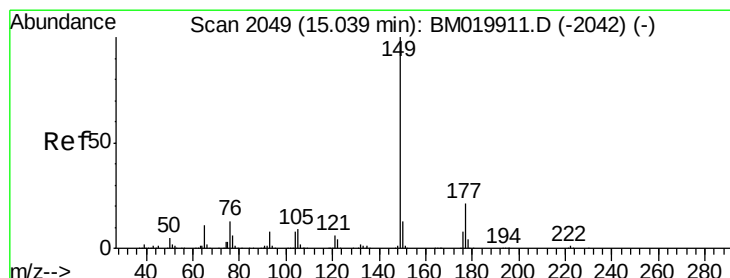
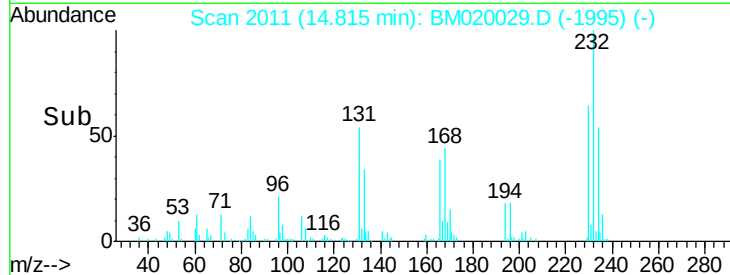
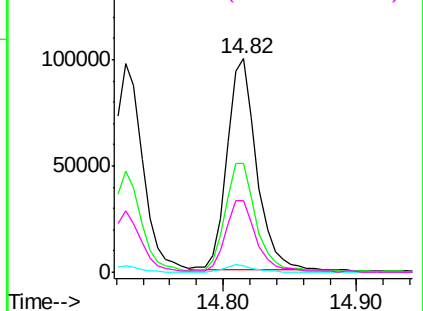
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.028 ng
 RT: 14.82 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.0	42.1	63.1
130	3.2	2.2	3.4
166	36.4	28.1	42.1

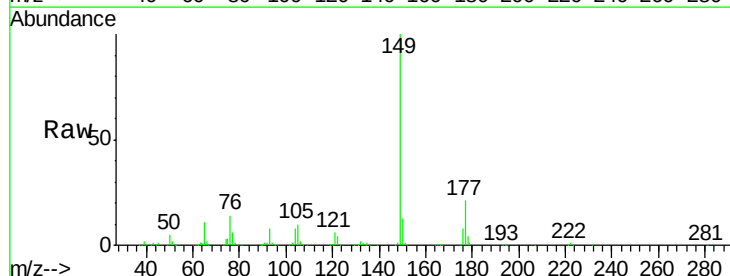


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

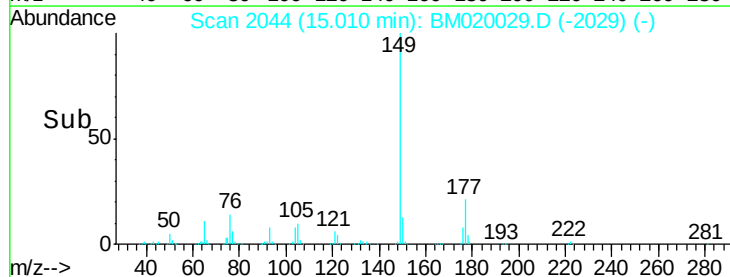
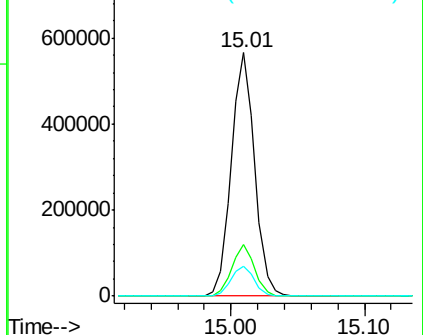


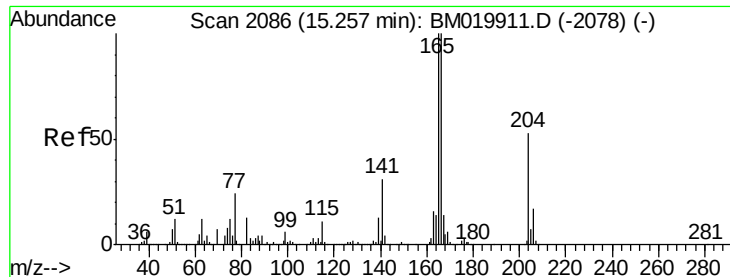
#60
 Diethylphthalate
 Concen: 42.459 ng
 RT: 15.01 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.6	25.0
150	12.5	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

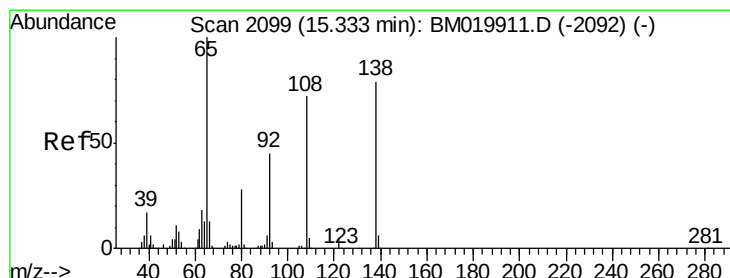
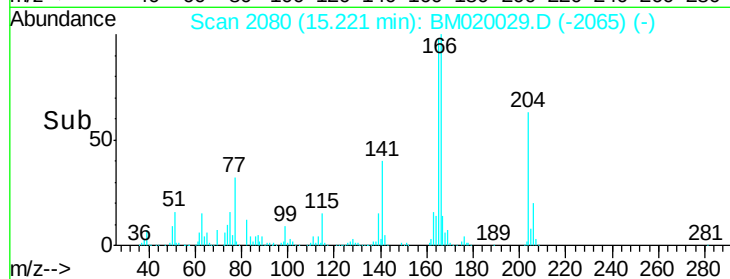
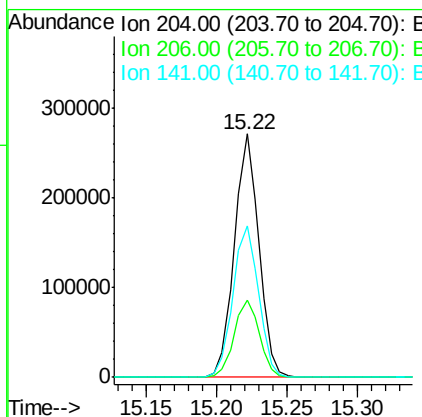
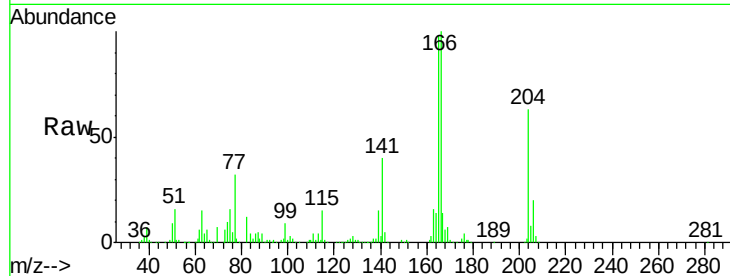




#61
4-Chlorophenyl-phenylether
Concen: 43.268 ng
RT: 15.22 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

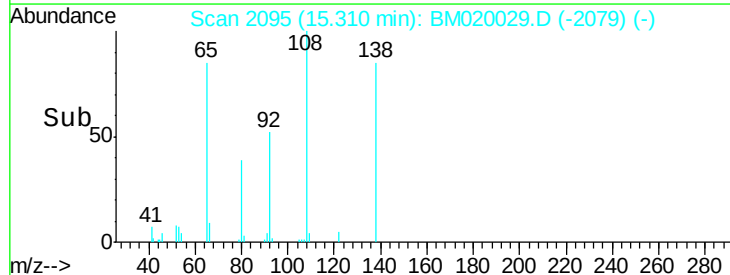
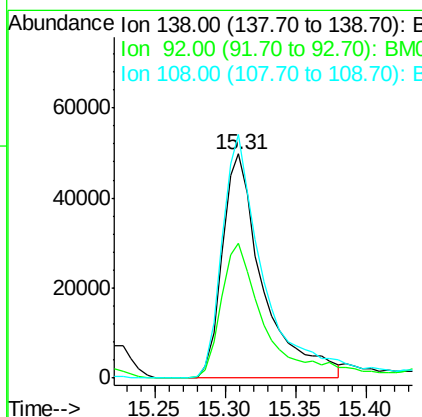
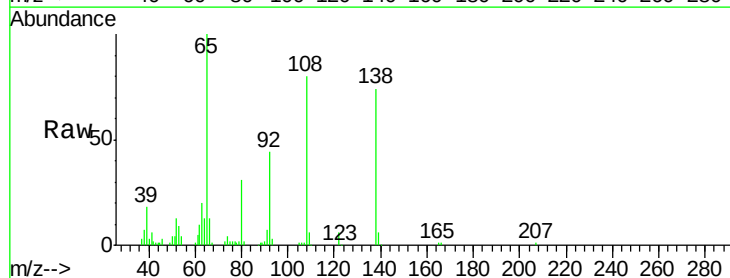
Instrument :
BNA_M
ClientSampleId :

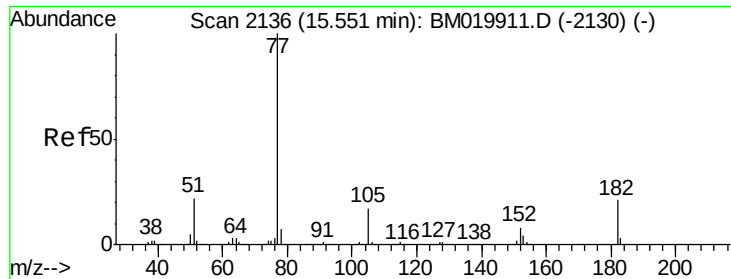
Tot Ion:204 Resp: 327190
Ion Ratio Lower Upper
204 100
206 31.5 25.8 38.8
141 62.4 47.0 70.4



#62
4-Nitroaniline
Concen: 29.169 ng
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion:138 Resp: 99543
Ion Ratio Lower Upper
138 100
92 60.1 36.8 76.8
108 108.7 71.5 111.5





#63

Azobenzene

Concen: 44.209 ng

RT: 15.52 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 770883

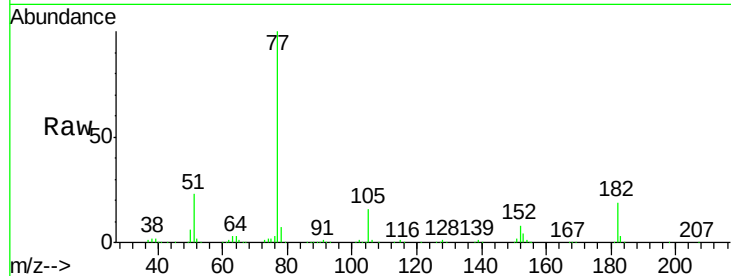
Ion Ratio Lower Upper

77 100

182 19.1 1.0 41.0

105 16.0 0.0 37.1

51 23.3 2.1 42.1

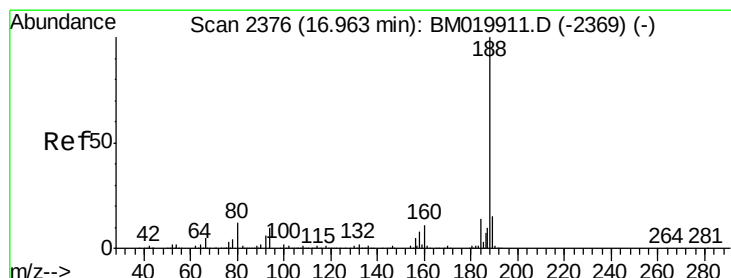
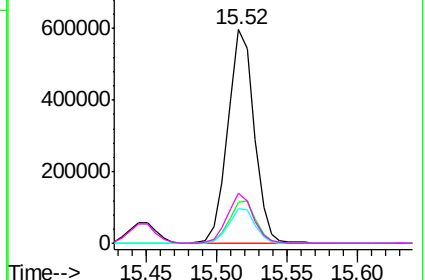
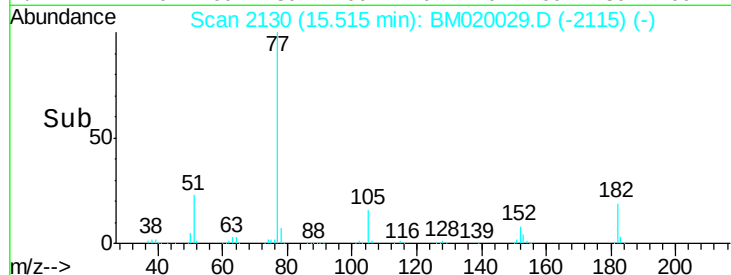


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 16.93 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

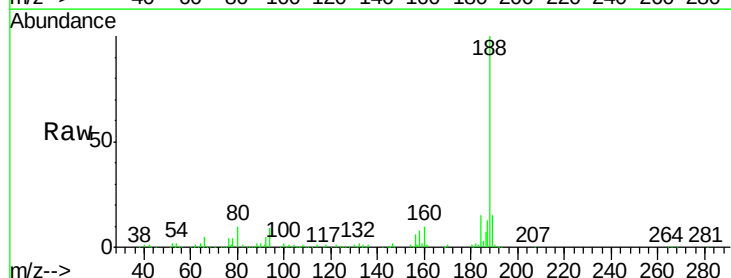
Tgt Ion: 188 Resp: 375681

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

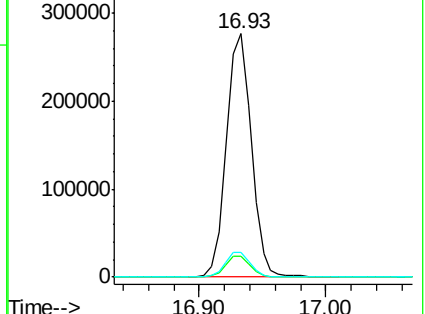
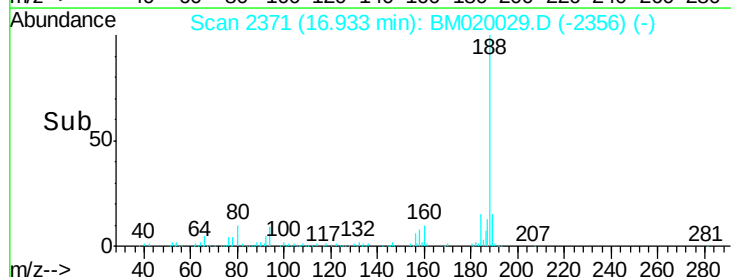
80 10.0 9.4 14.0

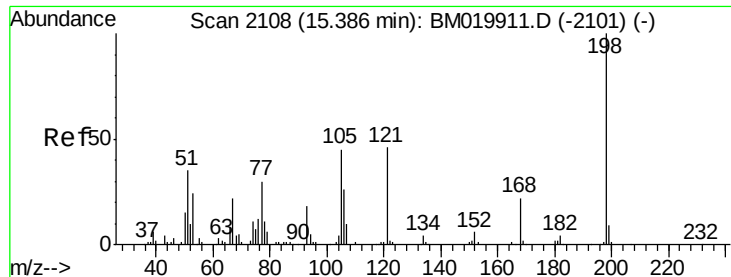


Abundance Ion 188.00 (187.70 to 188.70): E

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: 19.397 ng

RT: 15.37 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

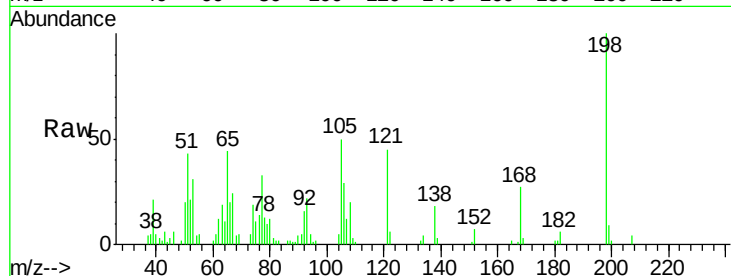
Tot Ion:198 Resp: 46493

Ion Ratio Lower Upper

198 100

51 42.8 17.9 57.9

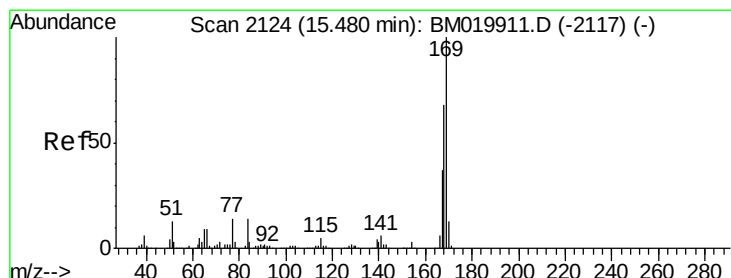
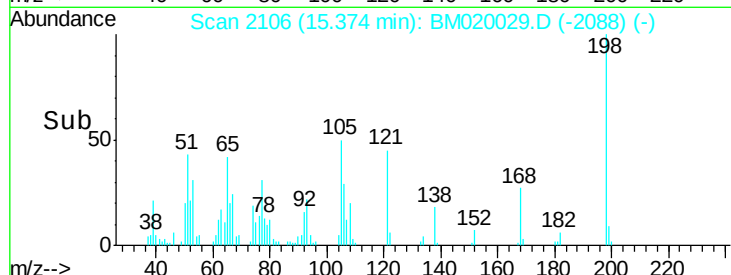
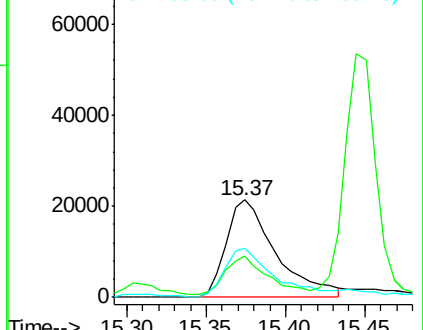
105 50.2 26.1 66.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.604 ng

RT: 15.45 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

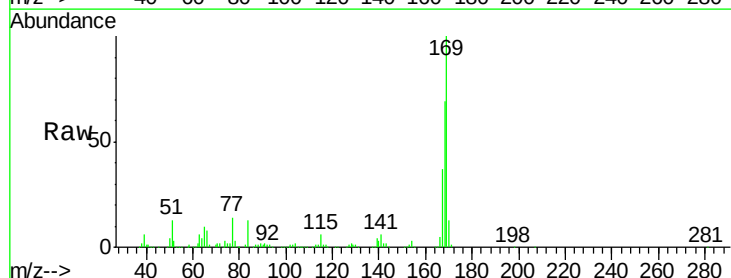
Tgt Ion:169 Resp: 547824

Ion Ratio Lower Upper

169 100

168 69.2 54.7 82.1

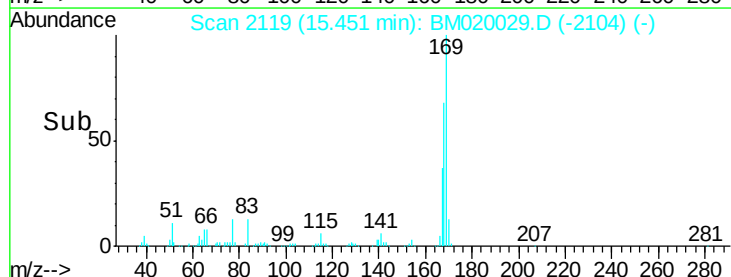
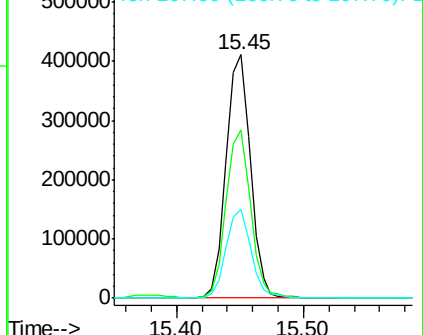
167 36.7 29.4 44.0

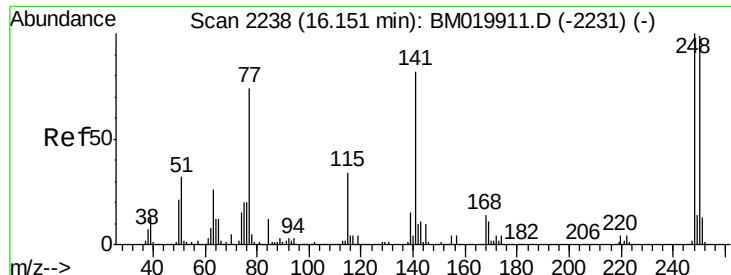


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

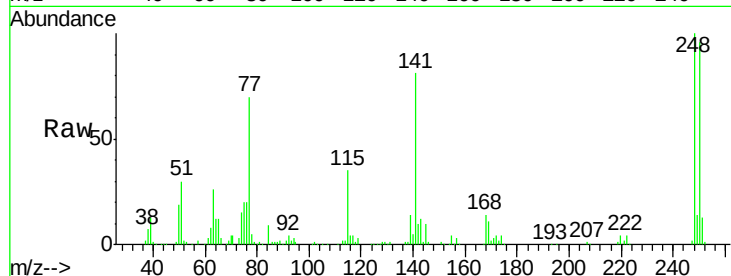




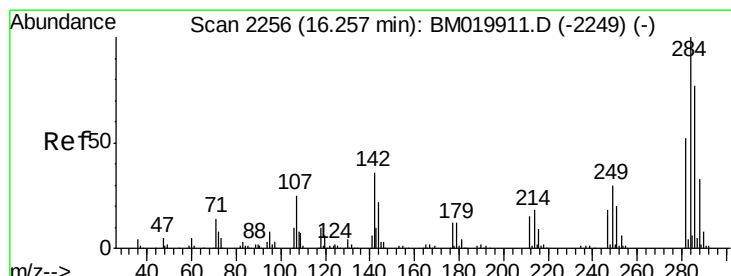
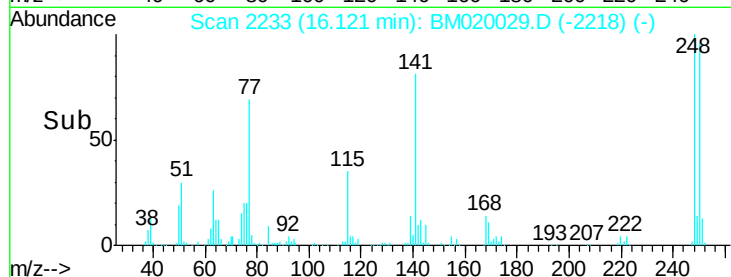
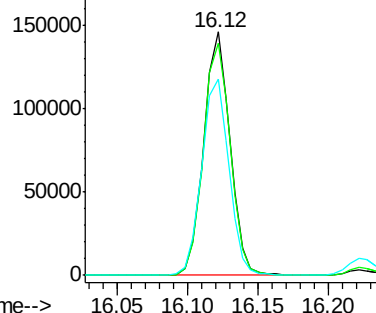
#67
 4-Bromophenyl-phenylether
 Concen: 43.762 ng
 RT: 16.12 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	78.9	118.3
141	80.7	65.6	98.4

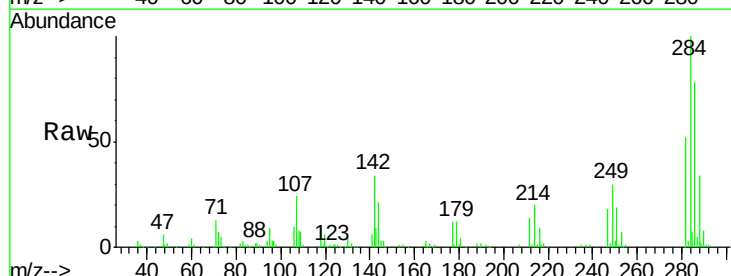


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

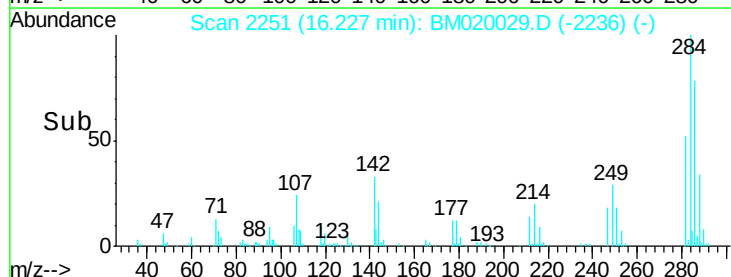
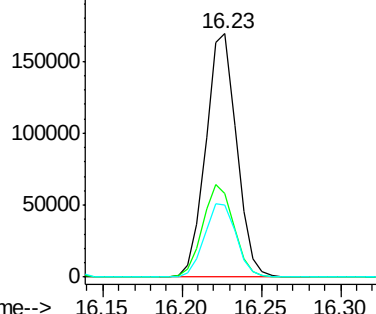


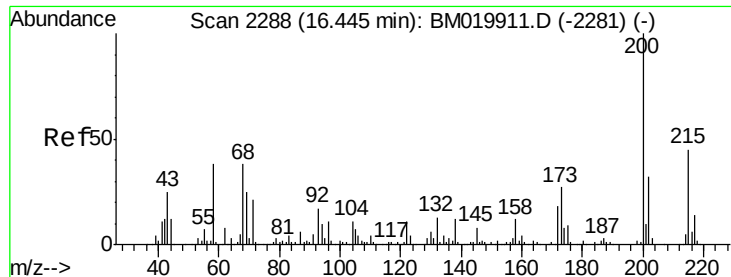
#68
 Hexachlorobenzene
 Concen: 43.918 ng
 RT: 16.23 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	28.9	43.3
249	29.8	23.8	35.6



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





#69

Atrazine

Concen: 44.072 ng

RT: 16.42 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

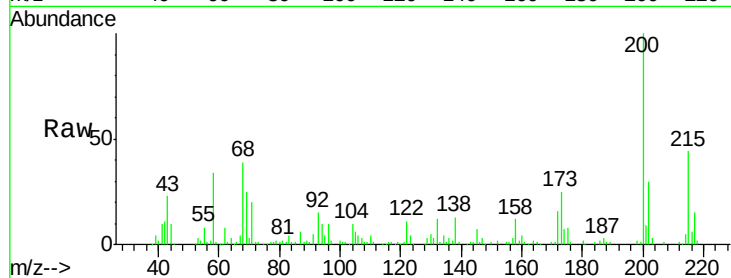
Tot Ion:200 Resp: 183755

Ion Ratio Lower Upper

200 100

173 25.4 7.2 47.2

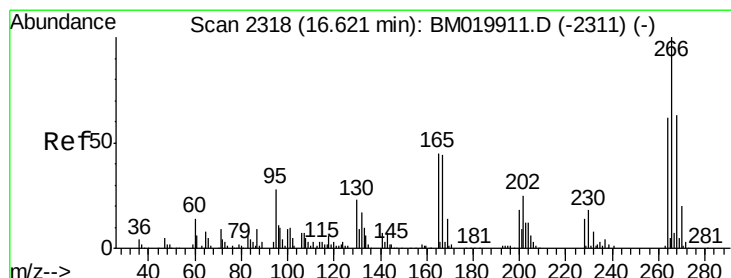
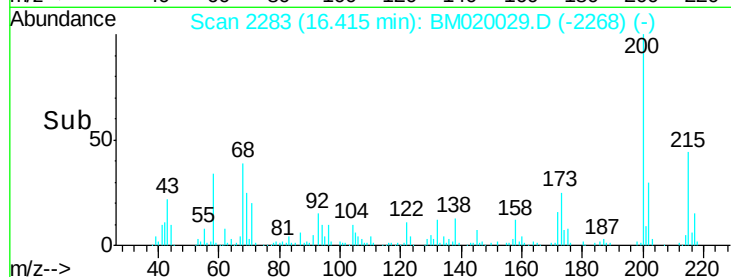
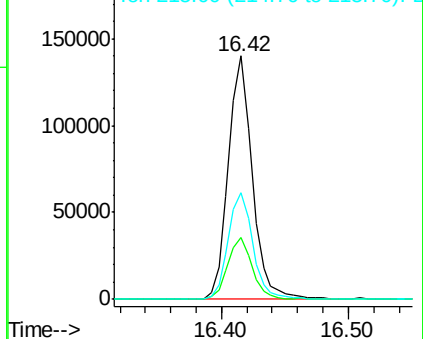
215 43.8 25.4 65.4



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: 72.882 ng

RT: 16.59 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

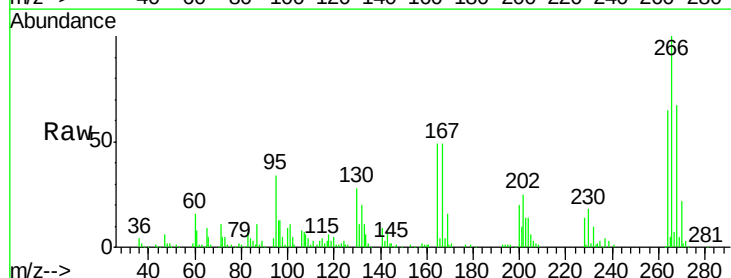
Tgt Ion:266 Resp: 192994

Ion Ratio Lower Upper

266 100

268 66.6 50.3 75.5

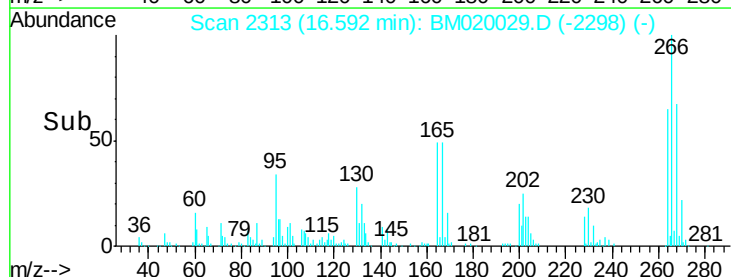
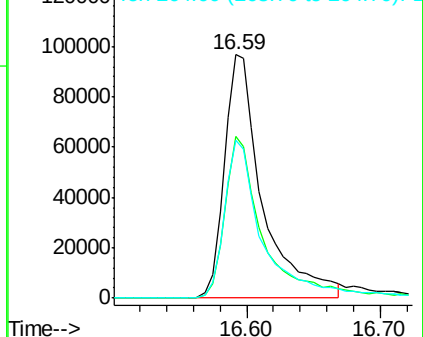
264 64.9 49.8 74.8

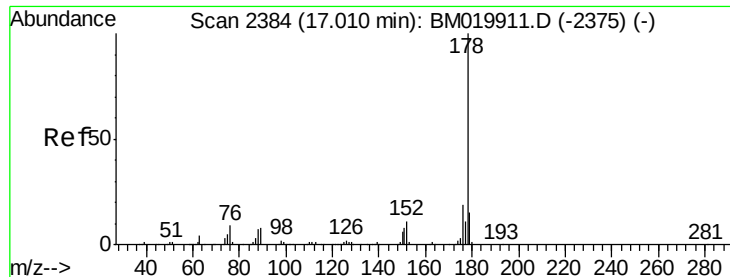


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

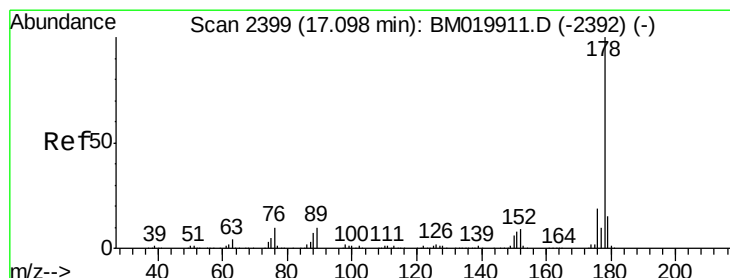
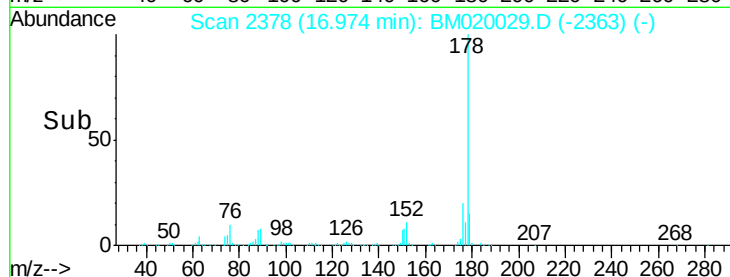
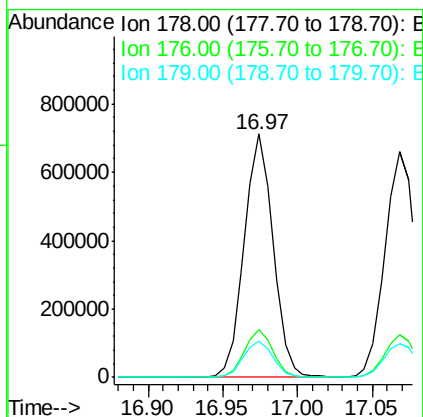
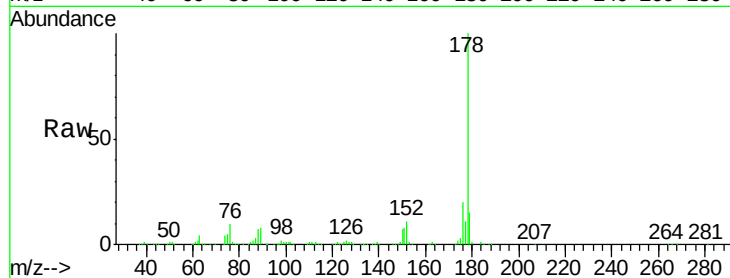




#71
Phenanthrene
Concen: 42.805 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

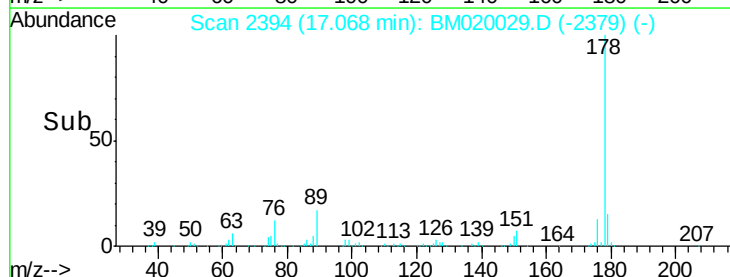
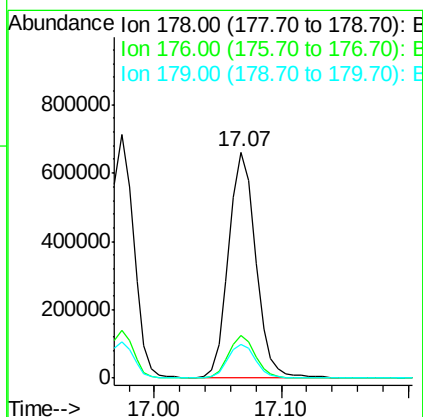
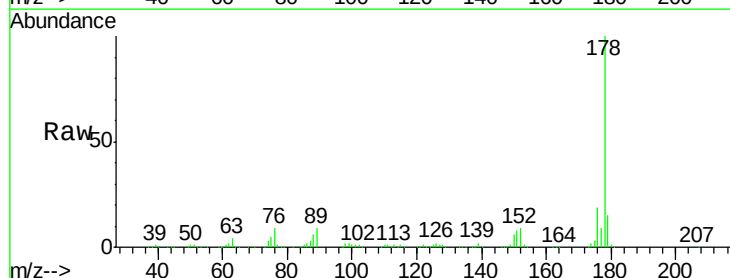
Instrument :
BNA_M
ClientSampled :

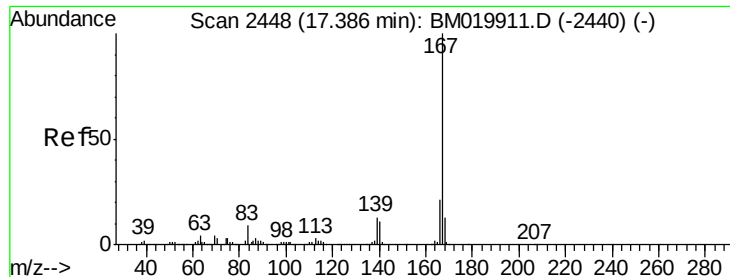
Tot Ion:178 Resp: 954297
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.1 12.2 18.4



#72
Anthracene
Concen: 43.732 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion:178 Resp: 970511
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.0 12.2 18.4

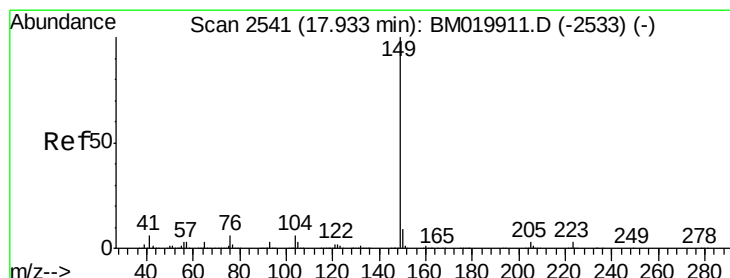
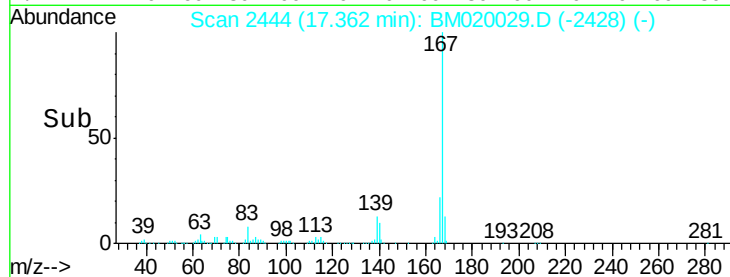
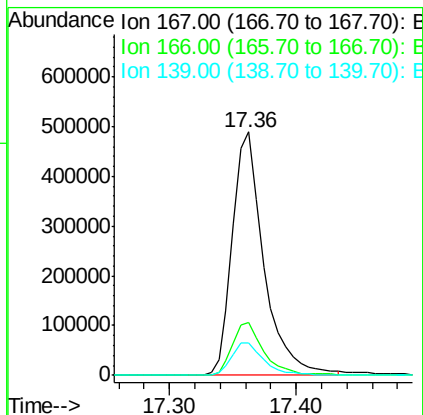
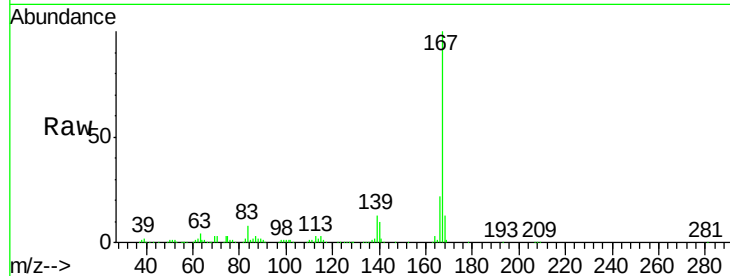




#73
 Carbazole
 Concen: 40.679 ng
 RT: 17.36 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

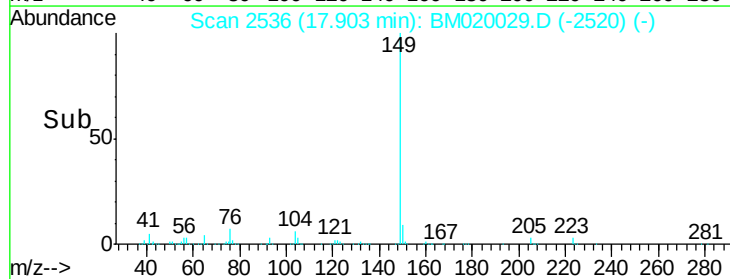
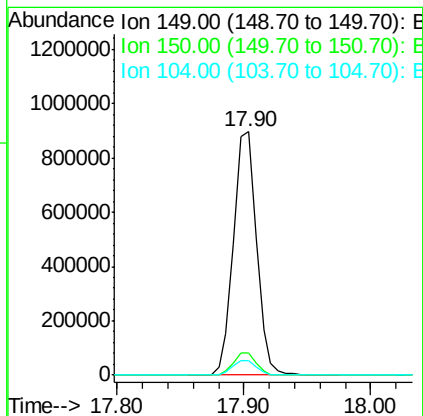
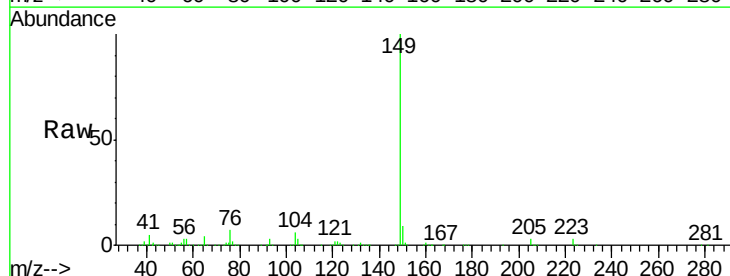
Instrument :
 BNA_M
 ClientSampleId :

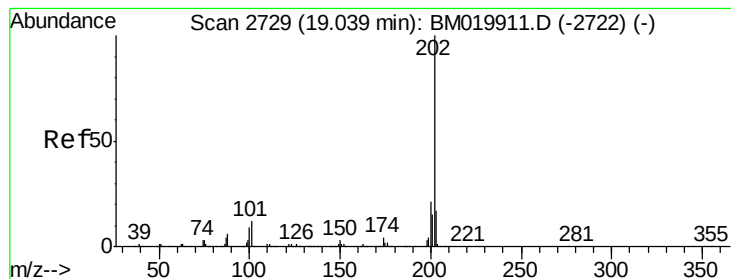
Tot Ion:167 Resp: 842846
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.1 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 41.527 ng
 RT: 17.90 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion:149 Resp: 1129977
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.2 10.8
 104 5.8 4.6 7.0





#75

Fluoranthene

Concen: 42.456 ng

RT: 19.01 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

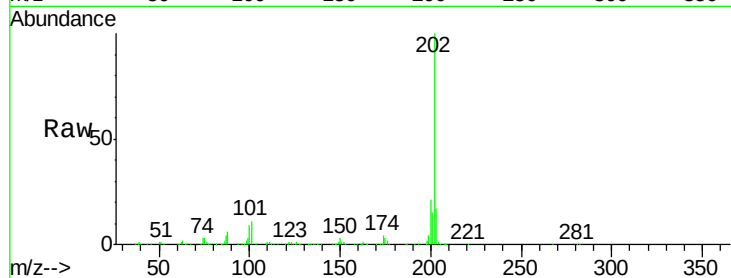
Tot Ion:202 Resp: 1089263

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.7

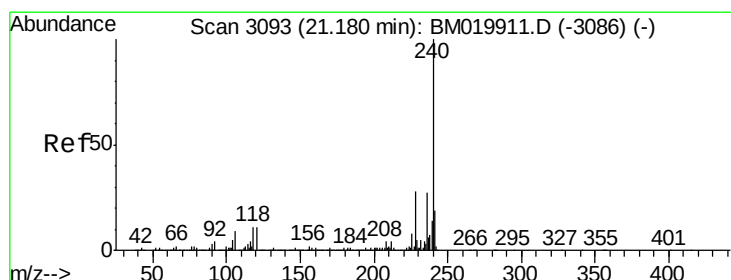
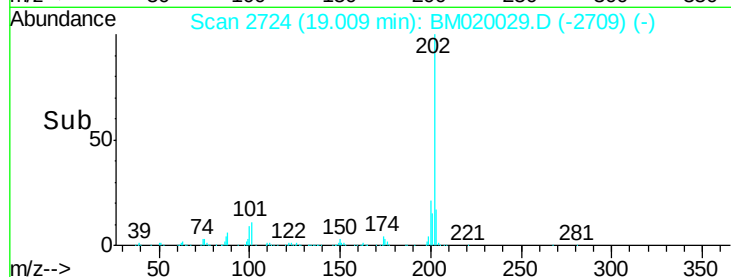
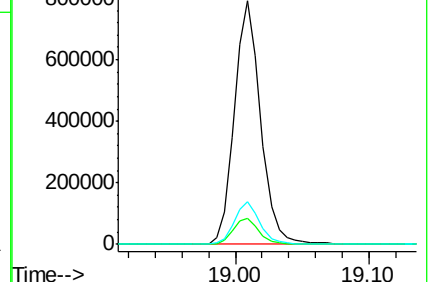
203 17.5 0.0 37.4



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: 21.15 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

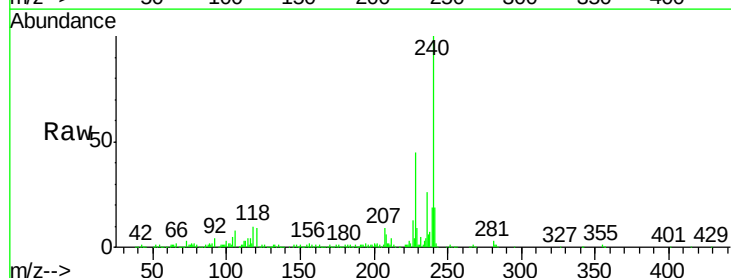
Tgt Ion:240 Resp: 367246

Ion Ratio Lower Upper

240 100

120 9.5 8.6 13.0

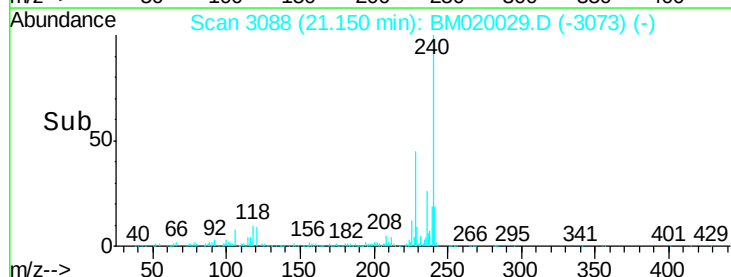
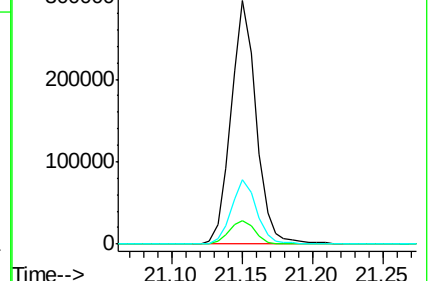
236 26.4 21.4 32.2

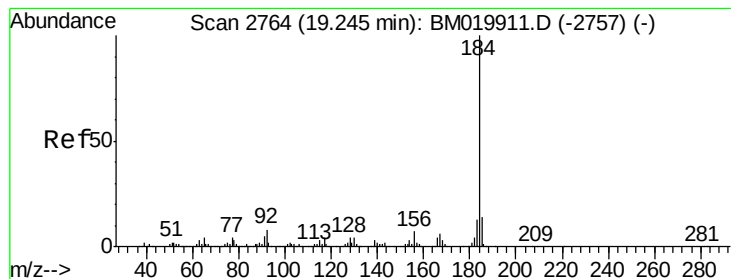


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.768 ng

RT: 19.24 min Scan# 2764

Delta R.T. 0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

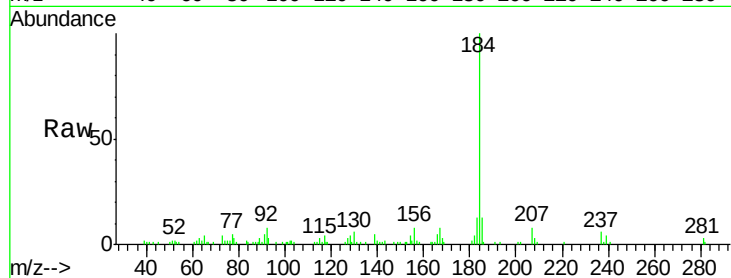
Tot Ion:184 Resp: 119248

Ion Ratio Lower Upper

184 100

185 13.1 11.0 16.6

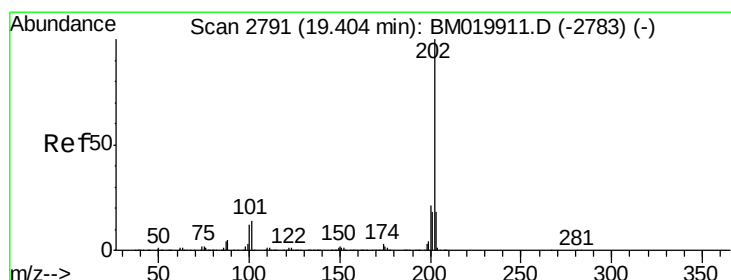
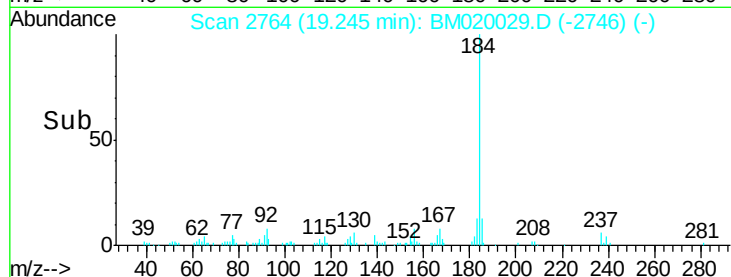
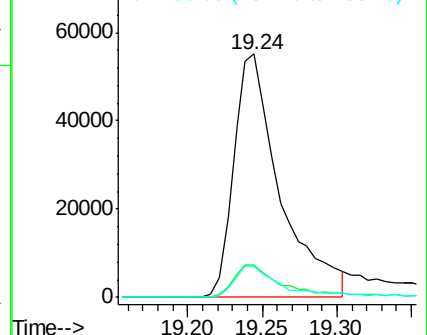
183 12.7 10.1 15.1



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: 45.814 ng

RT: 19.37 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

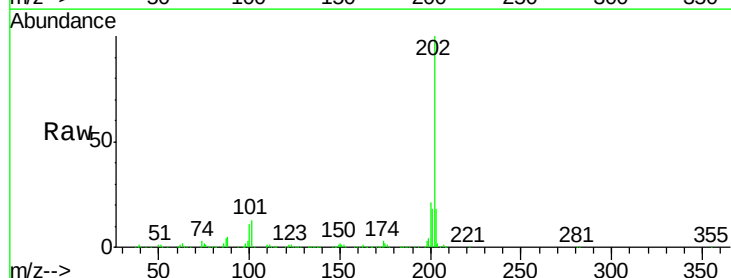
Tgt Ion:202 Resp: 1114190

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

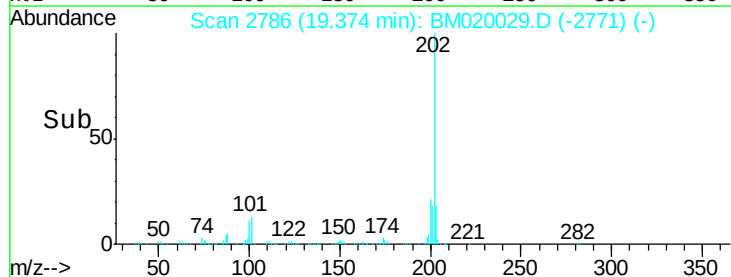
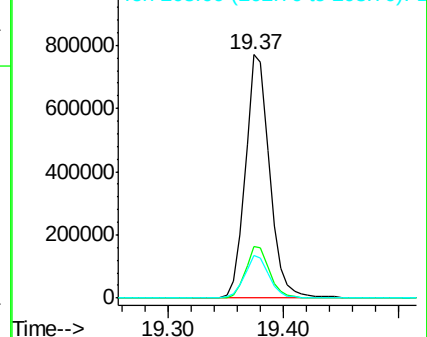
203 17.5 14.0 21.0

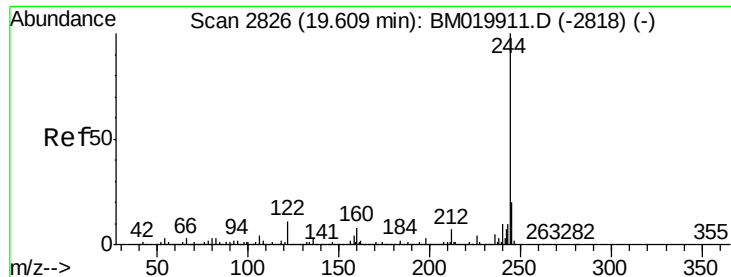


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.467 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

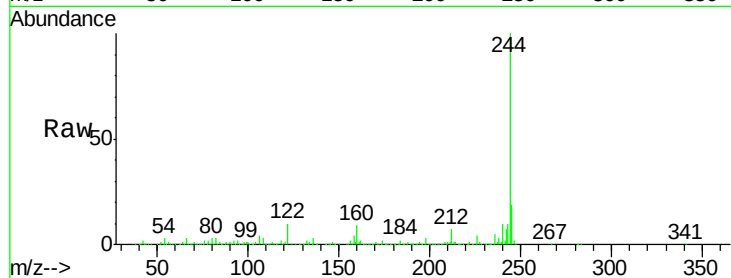
Tot Ion:244 Resp: 1987723

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

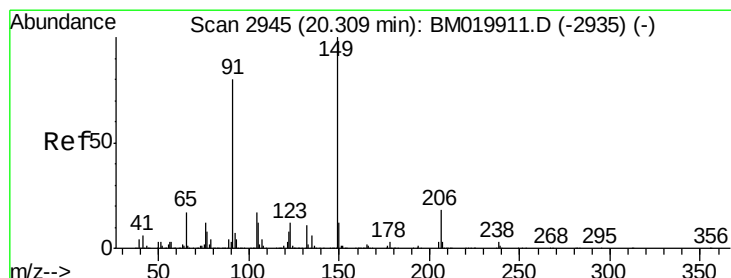
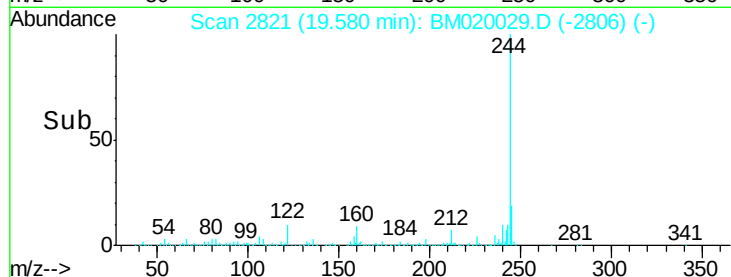
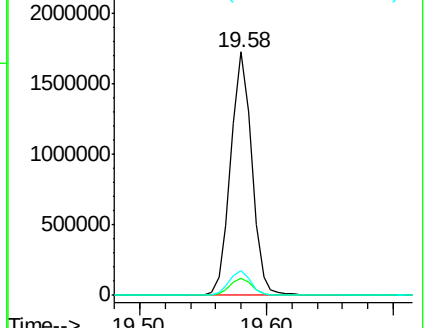
122 10.4 9.1 13.7



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: 45.470 ng

RT: 20.29 min Scan# 2941

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

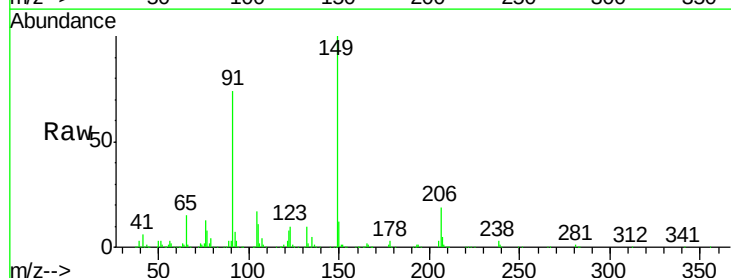
Tgt Ion:149 Resp: 536128

Ion Ratio Lower Upper

149 100

91 74.5 63.7 95.5

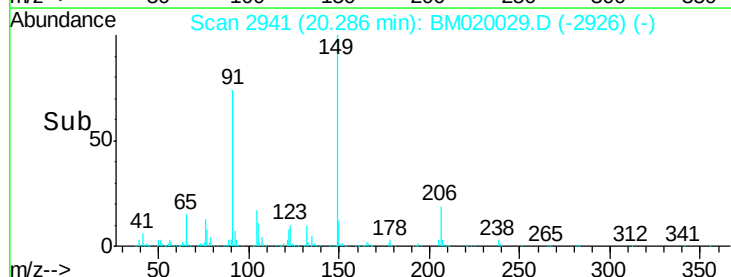
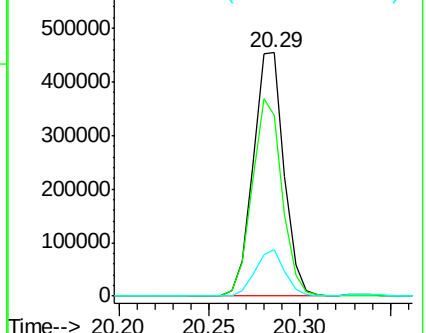
206 19.0 14.6 21.8

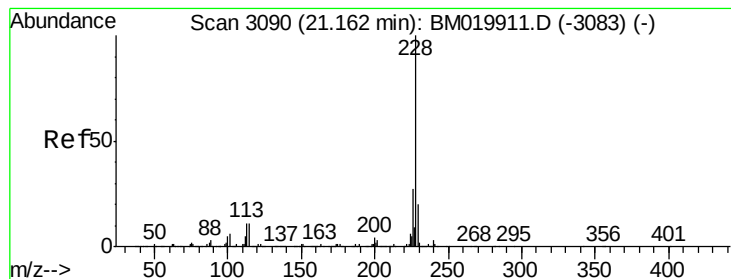


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.667 ng

RT: 21.13 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

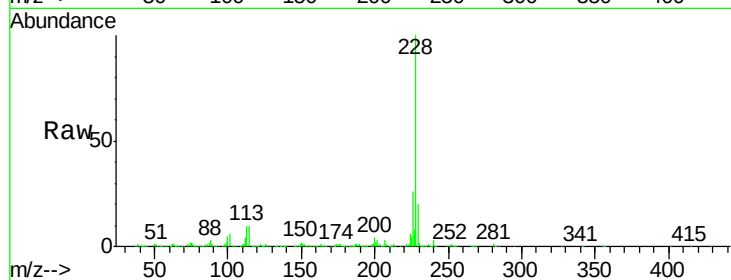
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1085652

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.8	32.6
229	19.7	15.9	23.9

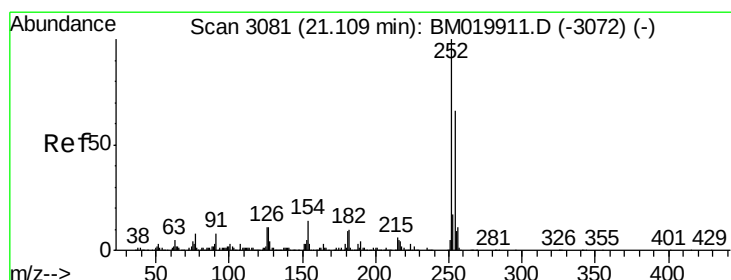
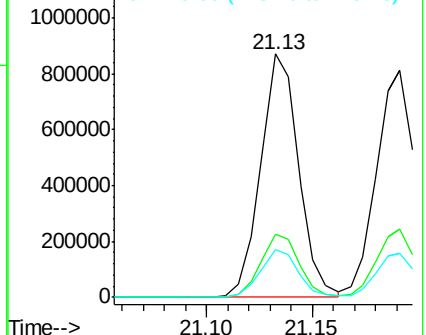
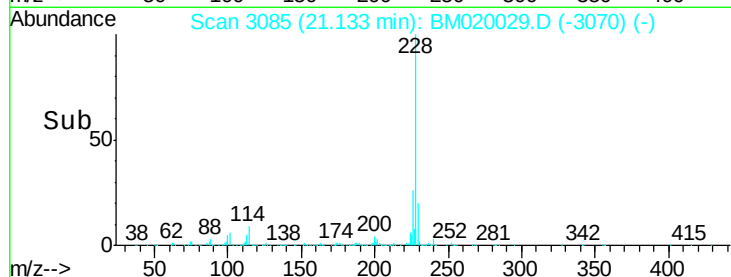


Abundance

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: 20.327 ng

RT: 21.09 min Scan# 3077

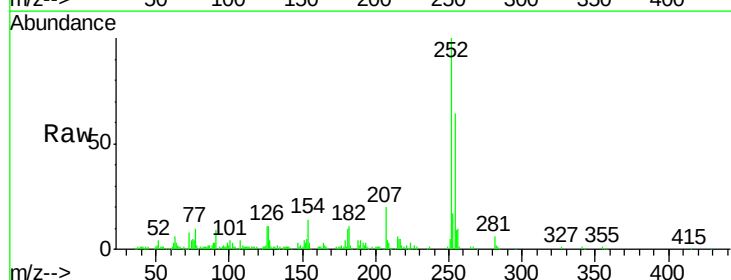
Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt Ion:252 Resp: 175938

Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.6	78.8
126	11.4	8.6	12.8

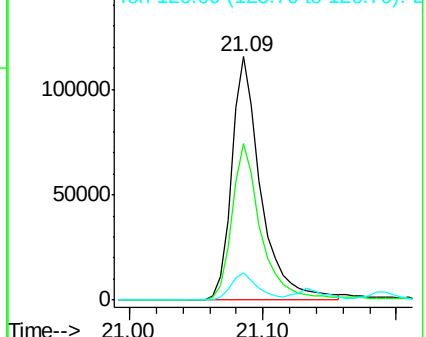
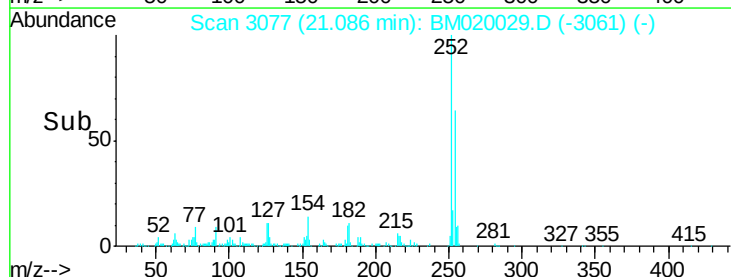


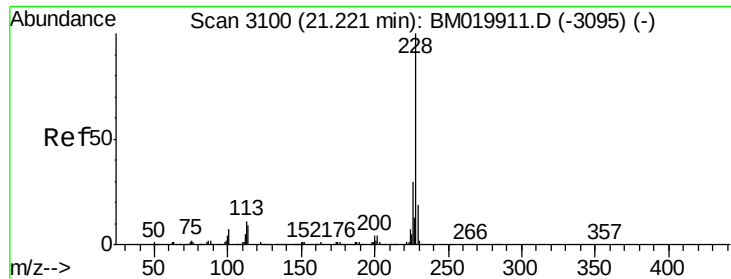
Abundance

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: 48.156 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

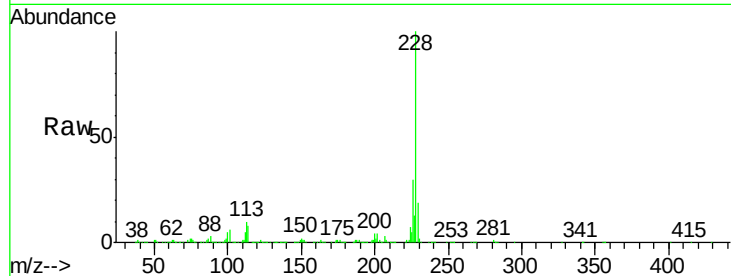
Tot Ion:228 Resp: 1074368

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

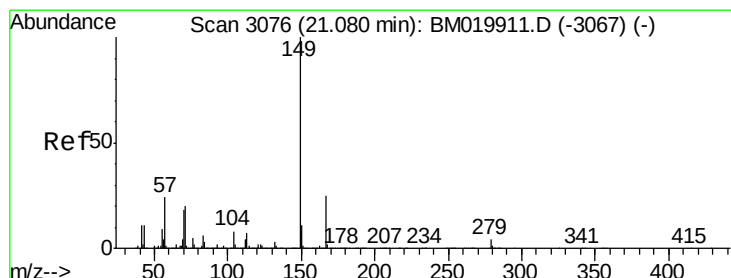
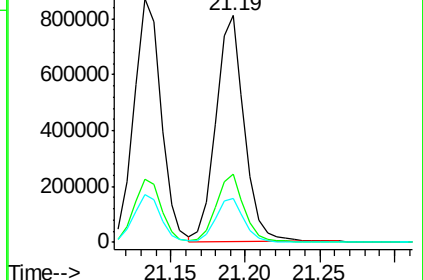
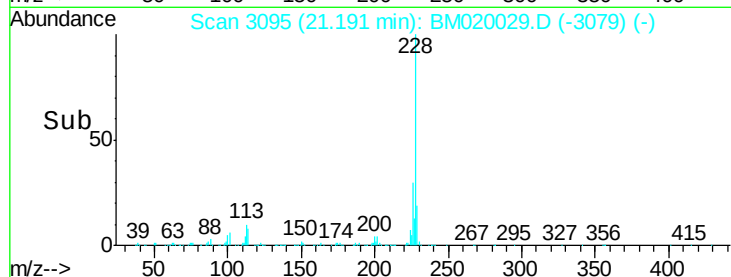
229 19.4 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.958 ng

RT: 21.05 min Scan# 3071

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

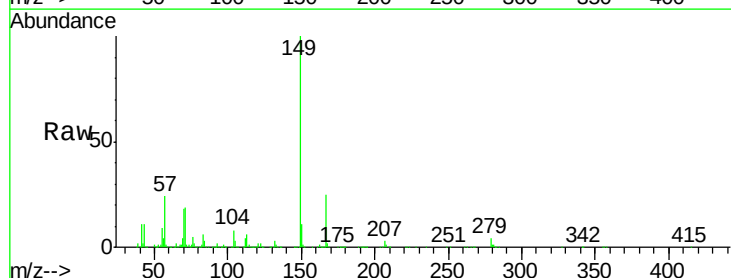
Tgt Ion:149 Resp: 789181

Ion Ratio Lower Upper

149 100

167 24.8 20.3 30.5

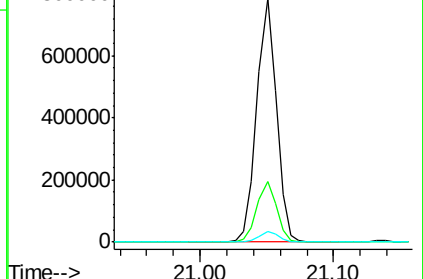
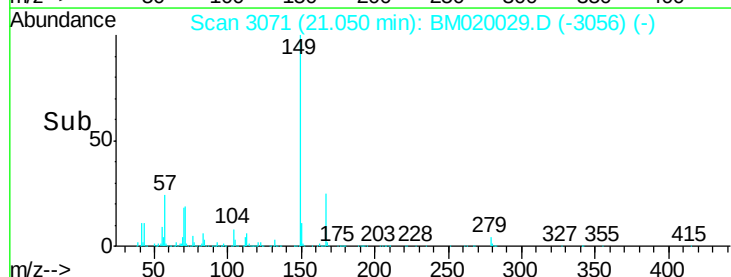
279 4.2 3.4 5.2

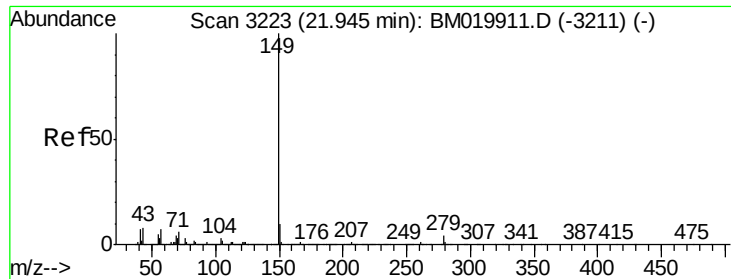


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

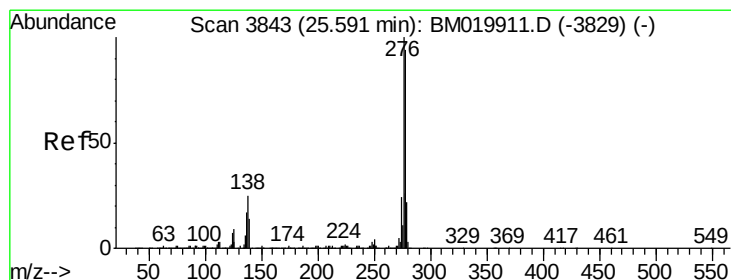
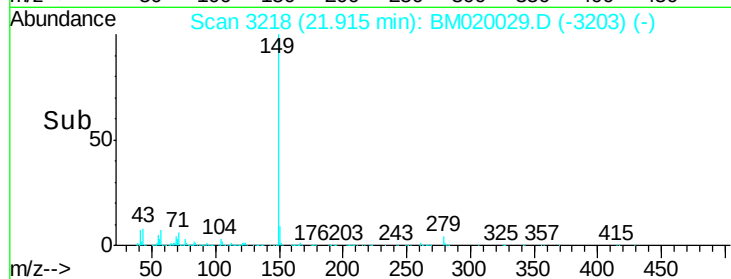
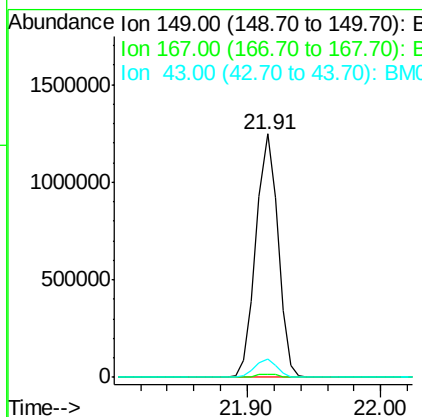
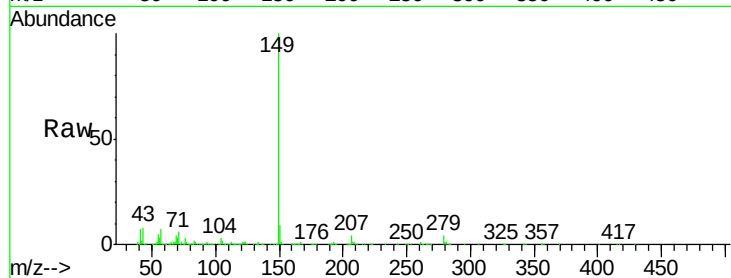




#85
Di-n-octyl phthalate
Concen: 49.482 ng
RT: 21.91 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

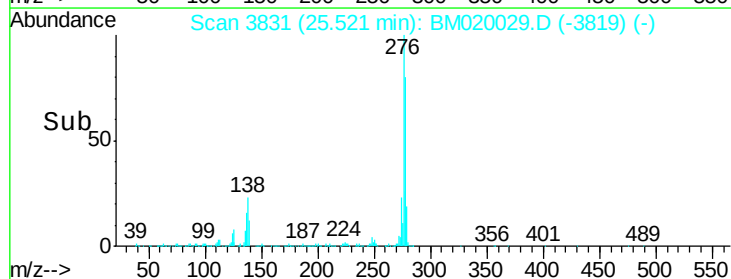
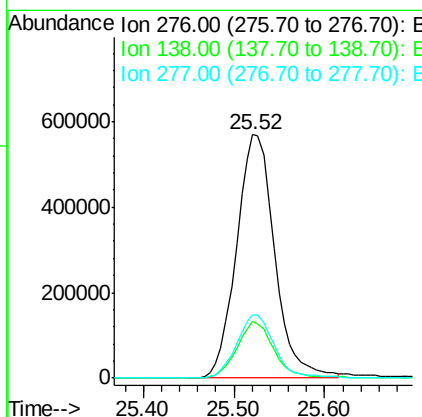
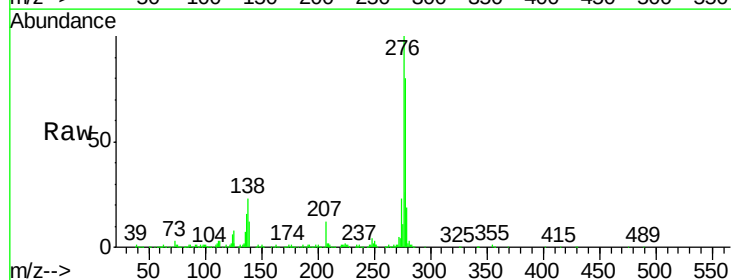
Instrument :
BNA_M
ClientSampleId :

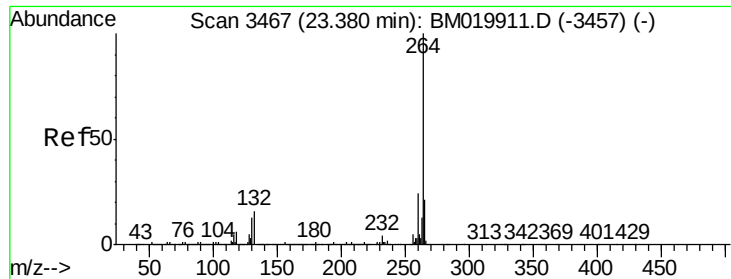
Tot Ion:149 Resp: 1409365
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.6 6.0 9.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 76.068 ng
RT: 25.52 min Scan# 3831
Delta R.T. -0.03 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion:276 Resp: 1669480
Ion Ratio Lower Upper
276 100
138 22.4 19.0 28.6
277 25.6 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampled :

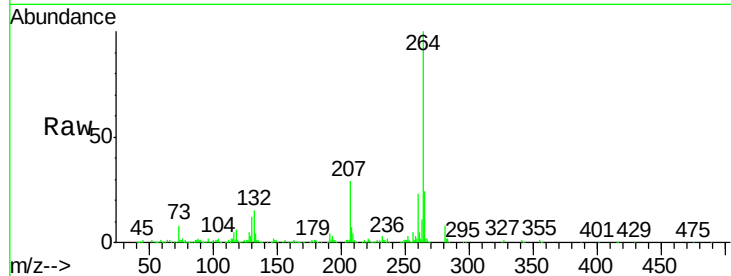
Tot Ion:264 Resp: 450411

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

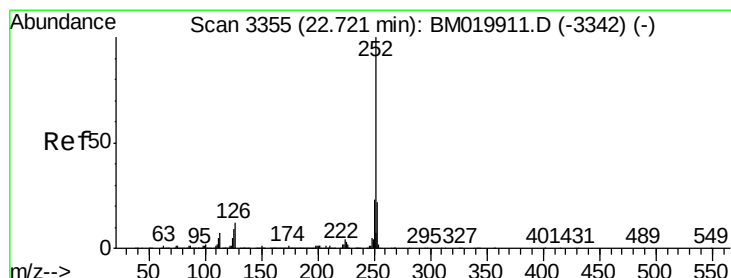
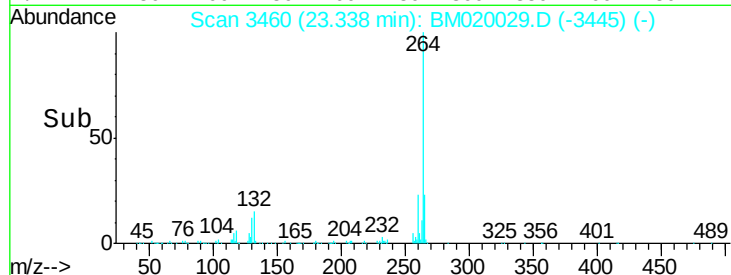
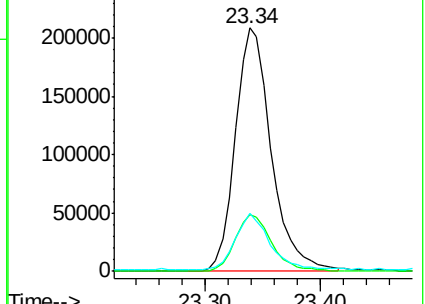
265 23.6 17.2 25.8



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: 42.403 ng

RT: 22.68 min Scan# 3348

Delta R.T. -0.02 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

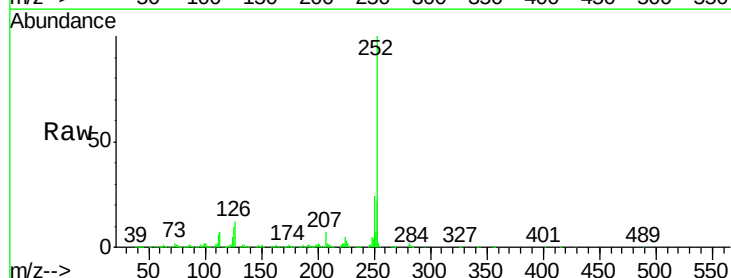
Tgt Ion:252 Resp: 1268184

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

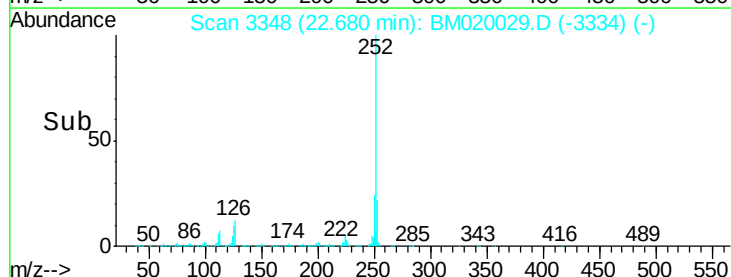
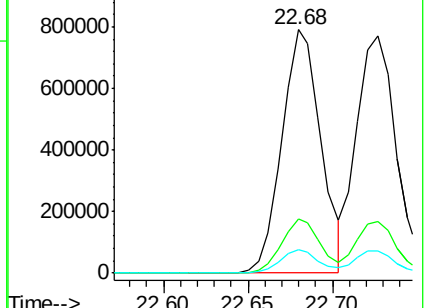
125 9.8 7.6 11.4

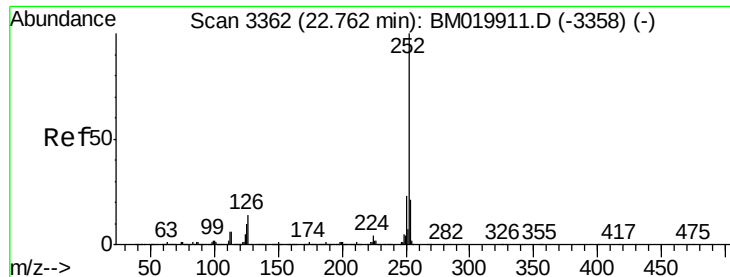


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.976 ng

RT: 22.73 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

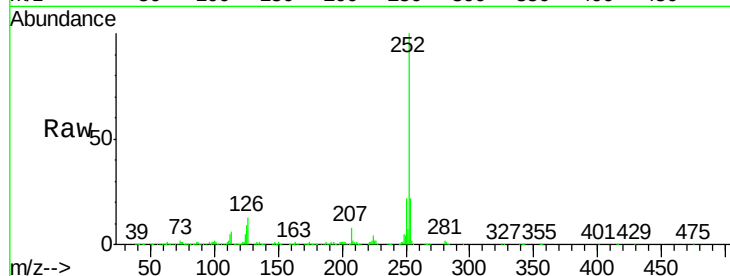
Tot Ion:252 Resp: 1266352

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

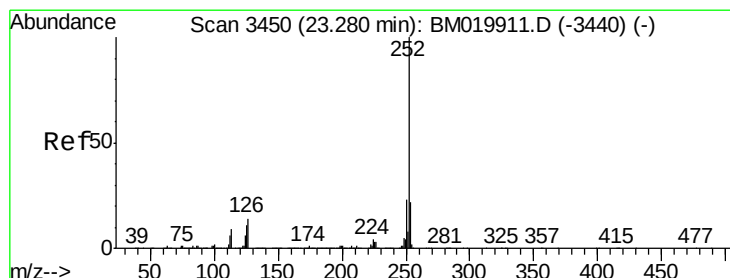
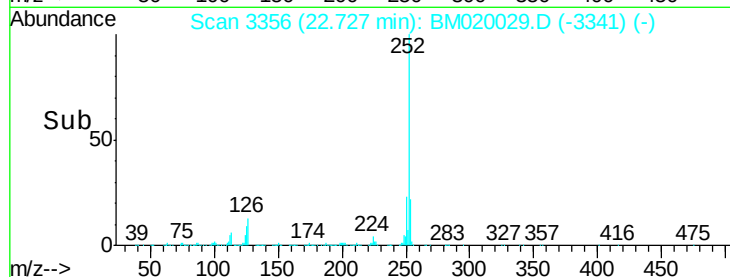
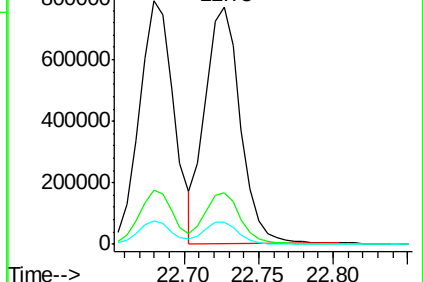
125 9.4 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.531 ng

RT: 23.24 min Scan# 3444

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

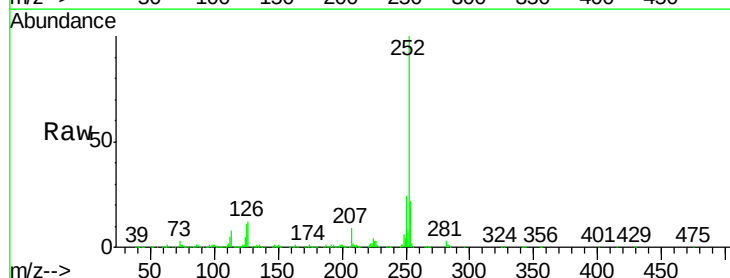
Tgt Ion:252 Resp: 1233074

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

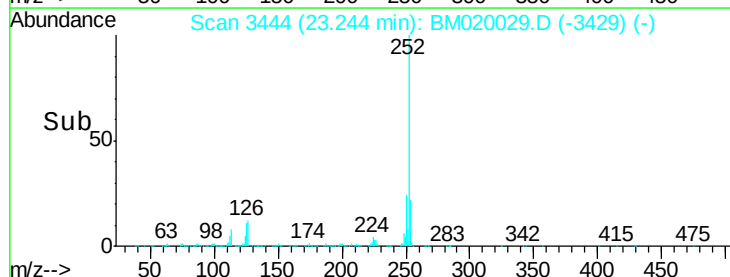
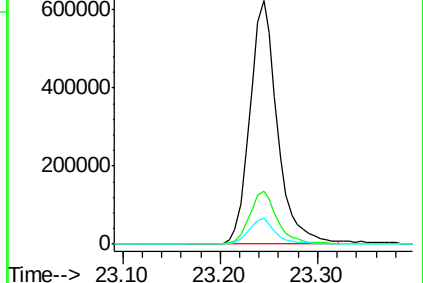
125 10.8 9.1 13.7

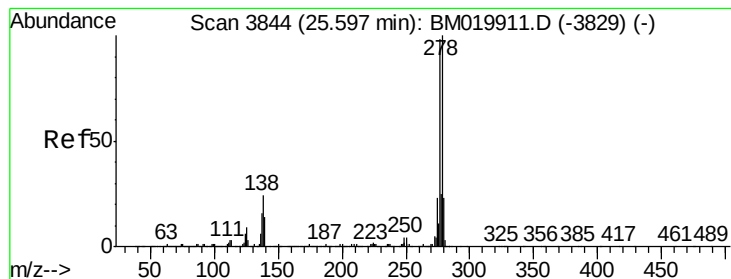


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 55.475 ng

RT: 25.53 min Scan# 3832

Delta R.T. -0.03 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

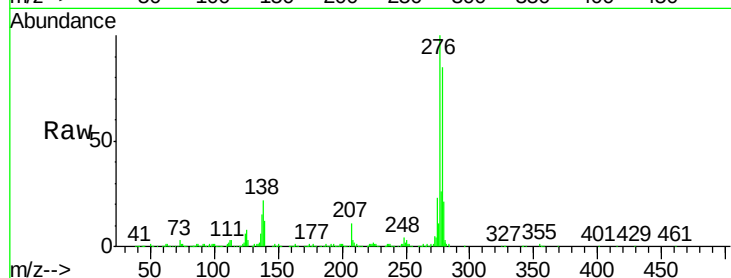
Tot Ion:278 Resp: 1417371

Ion Ratio Lower Upper

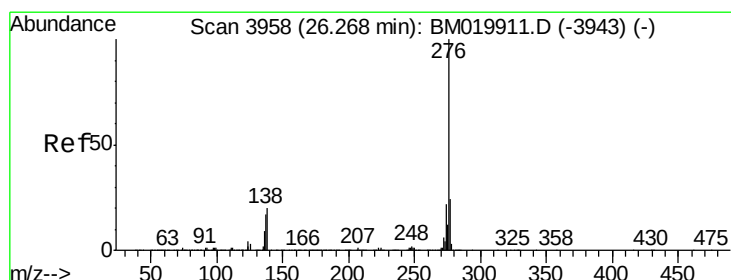
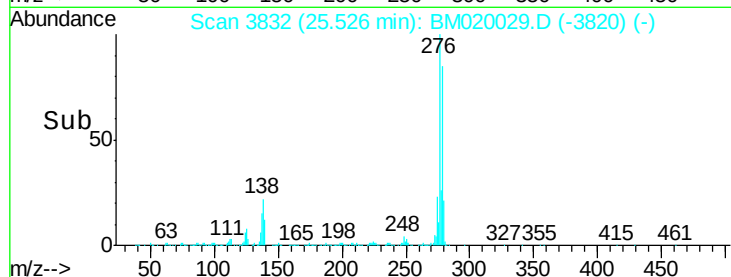
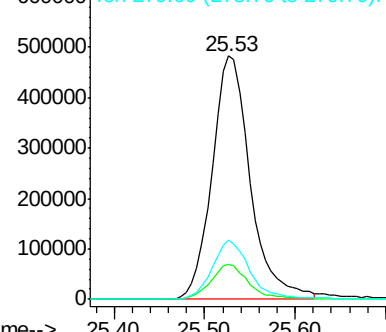
278 100

139 14.6 11.6 17.4

279 24.1 18.4 27.6



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: 56.897 ng

RT: 26.20 min Scan# 3947

Delta R.T. -0.02 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

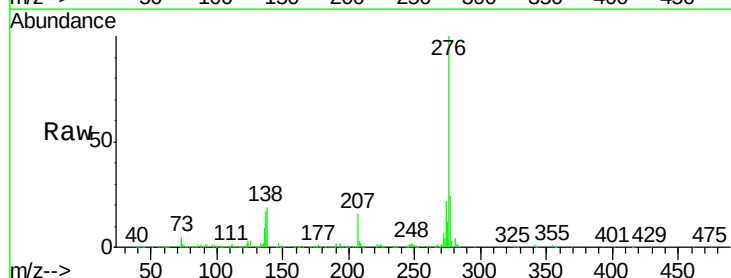
Tgt Ion:276 Resp: 1316659

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 18.6 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

