

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020040.D
 Acq On : 23 Apr 2019 17:17
 Operator : JU/SJ
 Sample : PB119131BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 00:57:02 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	7.49	152	96834	20.00	ng	-0.02
21) Naphthalene-d8	10.26	136	384669	20.00	ng	-0.02
39) Acenaphthene-d10	14.16	164	206038	20.00	ng	-0.02
64) Phenanthrene-d10	16.93	188	436659	20.00	ng	-0.02
76) Chrysene-d12	21.14	240	532425	20.00	ng	-0.02
87) Perylene-d12	23.33	264	499578	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	839724	140.54	ng	-0.02
7) Phenol-d6	6.69	99	1097525	122.05	ng	-0.02
23) Nitrobenzene-d5	8.66	82	653930	76.03	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	415147	125.17	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1273953	77.06	ng	-0.02
79) Terphenyl-d14	19.57	244	1942184	64.34	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	131045	50.824	ng	98
3) Pyridine	3.48	79	219570	30.407	ng	97
4) n-Nitrosodimethylamine	3.41	42	95709	41.145	ng	# 90
6) Aniline	6.85	93	302490	26.044	ng	99
8) 2-Chlorophenol	7.06	128	299502	40.302	ng	97
9) Benzaldehyde	6.69	77	41334	5.886	ng	95
10) Phenol	6.72	94	384145	39.100	ng	94
11) bis(2-Chloroethyl)ether	6.95	93	262123	36.465	ng	99
12) 1,3-Dichlorobenzene	7.37	146	302138	38.727	ng	97
13) 1,4-Dichlorobenzene	7.53	146	310780	39.262	ng	99
14) 1,2-Dichlorobenzene	7.83	146	305544	38.930	ng	99
15) Benzyl Alcohol	7.76	79	291025	35.600	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.01	45	232153	33.879	ng	96
17) 2-Methylphenol	7.95	107	243004	37.371	ng	97
18) Hexachloroethane	8.53	117	122025	39.658	ng	96
19) n-Nitroso-di-n-propylamine	8.30	70	253735	32.100	ng	99
20) 3+4-Methylphenols	8.29	107	316715	35.457	ng	98
22) Acetophenone	8.33	105	444413	42.417	ng	# 99
24) Nitrobenzene	8.71	77	377523	42.368	ng	99
25) Isophorone	9.22	82	627749	37.491	ng	99
26) 2-Nitrophenol	9.41	139	146658	38.623	ng	93
27) 2,4-Dimethylphenol	9.47	122	248354	46.258	ng	98
28) bis(2-Chloroethoxy)methane	9.70	93	358843	38.273	ng	99
29) 2,4-Dichlorophenol	9.95	162	250102	41.016	ng	96
30) 1,2,4-Trichlorobenzene	10.13	180	287207	43.762	ng	98
31) Naphthalene	10.32	128	855315	41.455	ng	100
32) Benzoic acid	9.66	122	143651	30.475	ng	96
33) 4-Chloroaniline	10.47	127	204418	24.050	ng	98
34) Hexachlorobutadiene	10.57	225	171979	44.432	ng	96
35) Caprolactam	11.29	113	43805	18.979	ng	92
36) 4-Chloro-3-methylphenol	11.60	107	279419	36.879	ng	98
37) 2-Methylnaphthalene	11.94	142	602128	40.085	ng	98
38) 1-Methylnaphthalene	12.16	142	572797	38.620	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	294267	46.296	ng	99

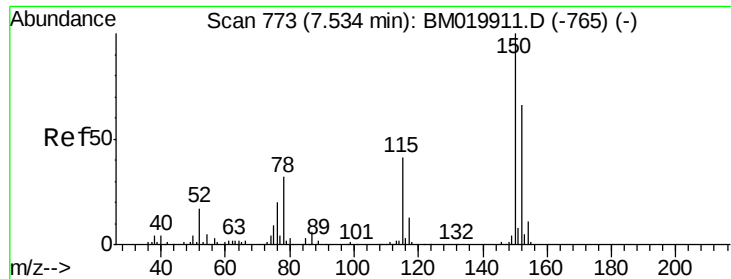
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	155142	70.554	ng	95
43) 2,4,6-Trichlorophenol	12.59	196	192041	44.565	ng	99
44) 2,4,5-Trichlorophenol	12.67	196	196863	43.893	ng	98
46) 1,1'-Biphenyl	12.98	154	766340	42.943	ng	99
47) 2-Chloronaphthalene	13.02	162	595164	43.723	ng	99
48) 2-Nitroaniline	13.27	65	199140	40.587	ng	95
49) Acenaphthylene	13.88	152	937921	39.601	ng	99
50) Dimethylphthalate	13.63	163	745265	41.008	ng	100
51) 2,6-Dinitrotoluene	13.77	165	160655	39.976	ng	87
52) Acenaphthene	14.22	154	545881	41.569	ng	98
53) 3-Nitroaniline	14.12	138	106232	26.473	ng	99
54) 2,4-Dinitrophenol	14.35	184	160515	68.112	ng	98
55) Dibenzofuran	14.56	168	881164	41.034	ng	97
56) 4-Nitrophenol	14.45	139	207340	66.545	ng	93
57) 2,4-Dinitrotoluene	14.59	165	220982	38.254	ng	# 97
58) Fluorene	15.22	166	720383	39.590	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	178334	43.577	ng	99
60) Diethylphthalate	15.00	149	756913	40.045	ng	99
61) 4-Chlorophenyl-phenylether	15.22	204	359631	41.050	ng	95
62) 4-Nitroaniline	15.30	138	133408	33.743	ng	90
63) Azobenzene	15.51	77	836918	41.428	ng	98
65) 4,6-Dinitro-2-methylphenol	15.36	198	100869	36.205	ng	95
66) n-Nitrosodiphenylamine	15.44	169	604864	42.371	ng	100
67) 4-Bromophenyl-phenylether	16.12	248	206729	41.179	ng	99
68) Hexachlorobenzene	16.22	284	252323	41.888	ng	96
69) Atrazine	16.41	200	191719	39.561	ng	98
70) Pentachlorophenol	16.59	266	257741	83.741	ng	99
71) Phenanthrene	16.97	178	1063107	41.027	ng	100
72) Anthracene	17.06	178	1063521	41.231	ng	100
73) Carbazole	17.36	167	959989	39.862	ng	99
74) Di-n-butylphthalate	17.89	149	1267092	40.063	ng	99
75) Fluoranthene	19.00	202	1236403	41.461	ng	99
77) Benzidine	19.22	184	375167	25.538	ng	99
78) Pyrene	19.37	202	1280862	36.328	ng	100
80) Butylbenzylphthalate	20.28	149	631774	36.959	ng	96
81) Benzo(a)anthracene	21.13	228	1312307	38.909	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	470354	37.483	ng	98
83) Chrysene	21.19	228	1298205	40.136	ng	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	922331	36.242	ng	100
85) Di-n-octyl phthalate	21.91	149	1723800	41.745	ng	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	2125674	66.806	ng	99
88) Benzo(b)fluoranthene	22.67	252	1573498	47.434	ng	100
89) Benzo(k)fluoranthene	22.71	252	1581140	50.629	ng	99
90) Benzo(a)pyrene	23.23	252	1543458	52.511	ng	99
91) Dibenzo(a,h)anthracene	25.51	278	1815903	64.079	ng	99
92) Benzo(g,h,i)perylene	26.18	276	1635008	63.700	ng	98

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

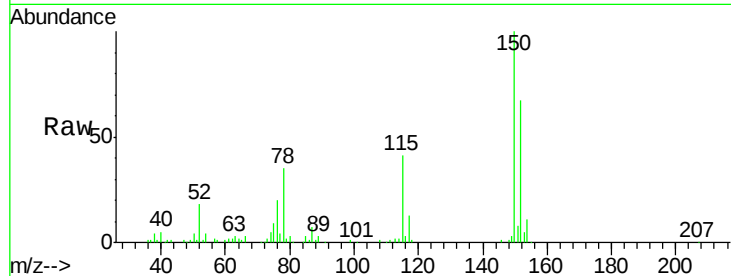


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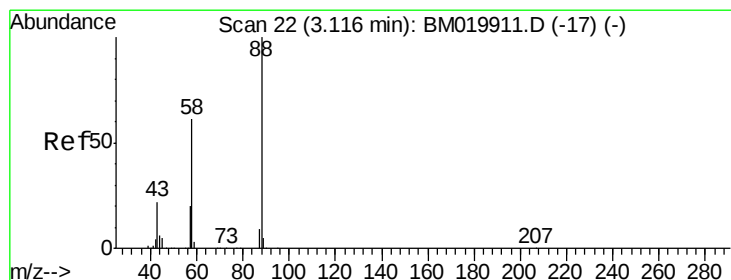
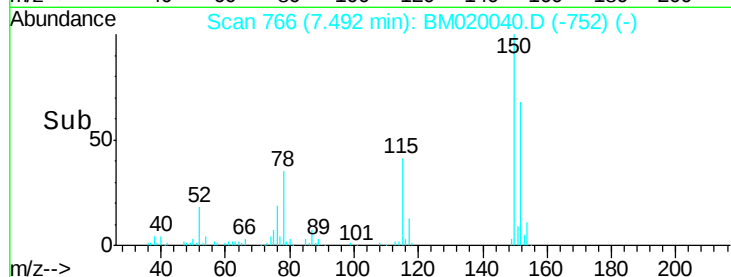
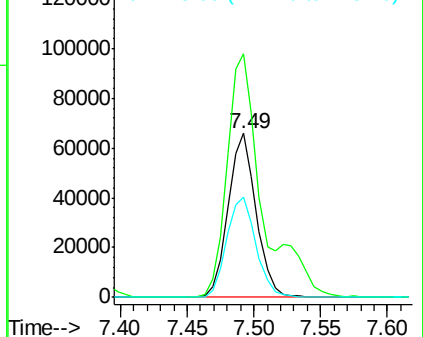
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 96834
Ion Ratio Lower Upper
152 100
150 148.6 122.1 183.1
115 61.2 50.0 75.0



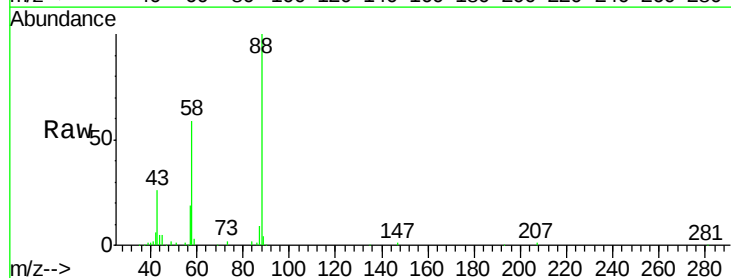
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



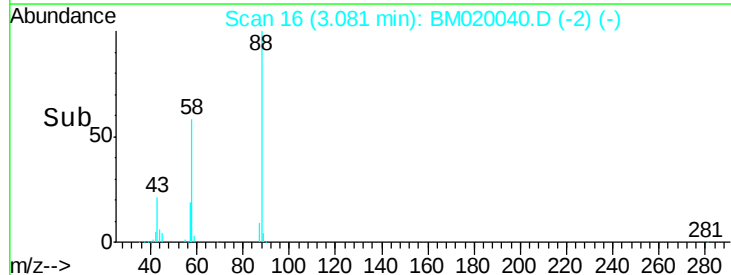
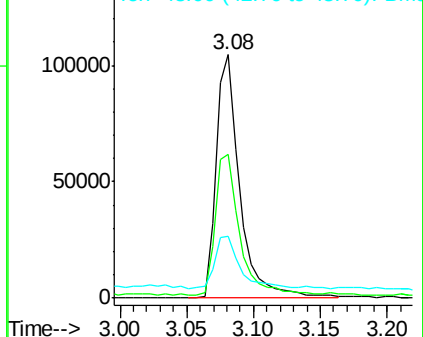
#2

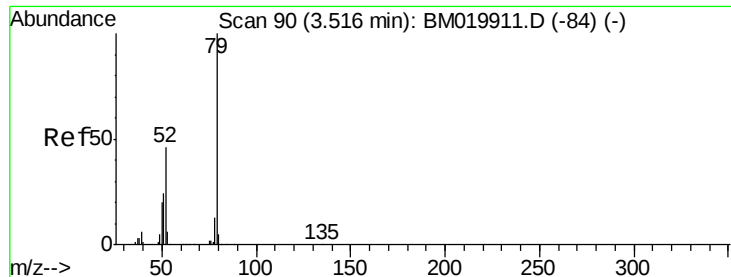
1,4-Dioxane
Concen: 50.824 ng
RT: 3.08 min Scan# 16
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Tgt Ion: 88 Resp: 131045
Ion Ratio Lower Upper
88 100
58 60.3 49.6 74.4
43 22.5 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: 30.407 ng

RT: 3.48 min Scan# 84

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Instrument :

BNA_M

ClientSampleId :

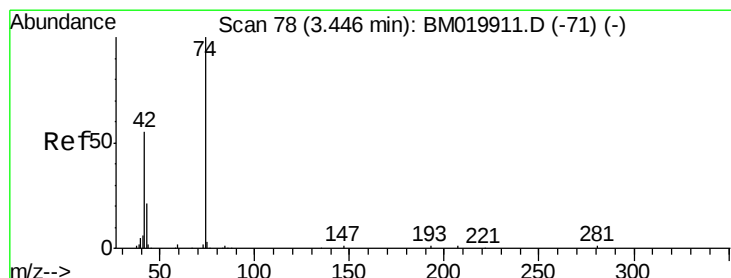
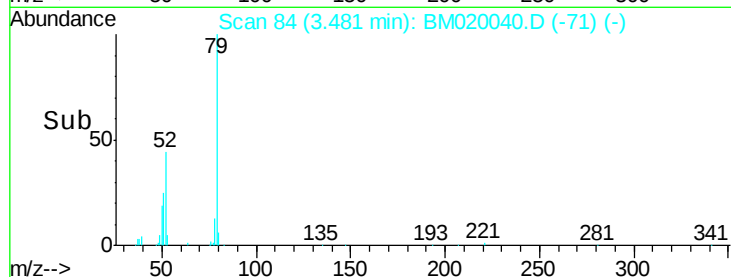
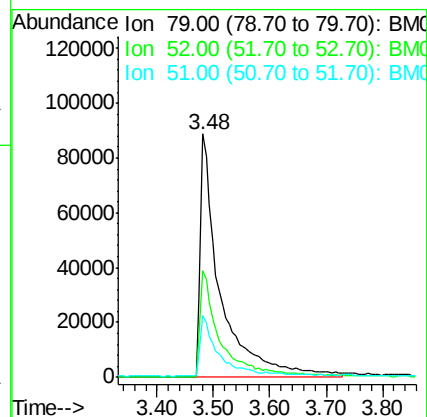
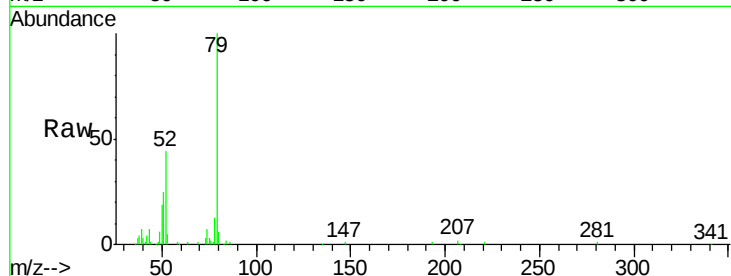
Tot Ion: 79 Resp: 219570

Ion Ratio Lower Upper

79 100

52 43.8 36.9 55.3

51 25.4 20.0 30.0



#4

n-Nitrosodimethylamine

Concen: 41.145 ng

RT: 3.41 min Scan# 72

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

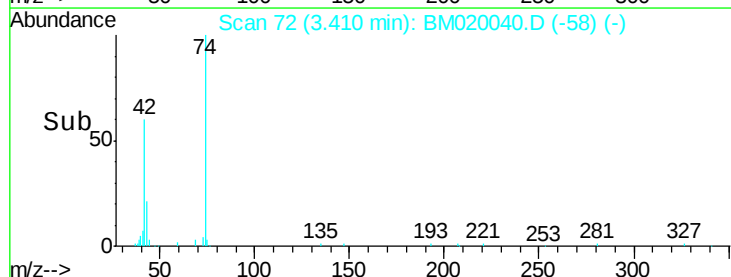
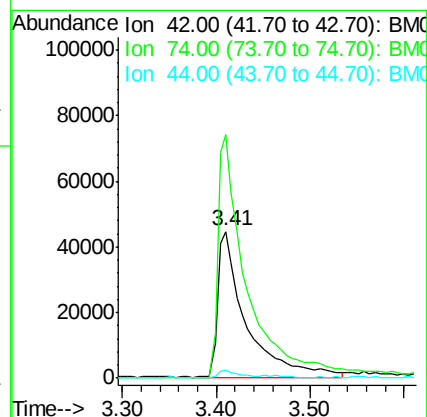
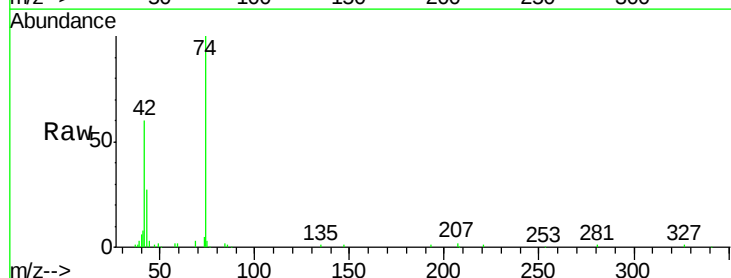
Tgt Ion: 42 Resp: 95709

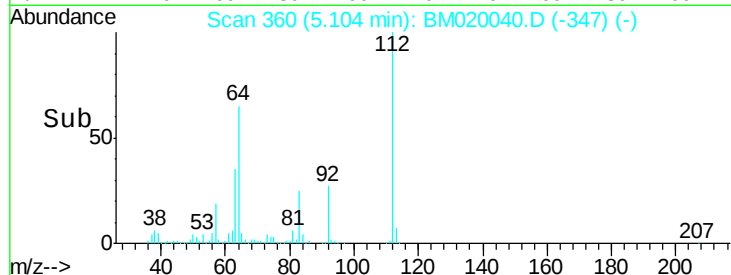
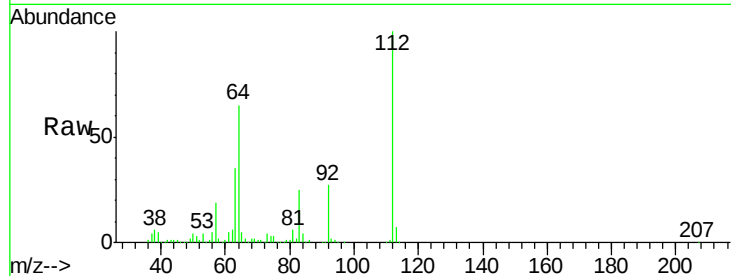
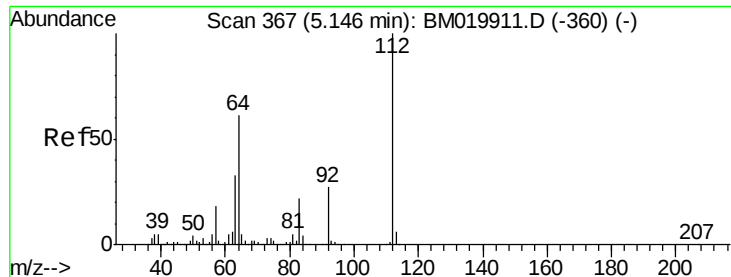
Ion Ratio Lower Upper

42 100

74 165.8 144.6 217.0

44 5.2 5.4 8.2#





#5

2-Fluorophenol

Concen: 140.539 ng

RT: 5.10 min Scan# 360

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Instrument :

BNA_M

ClientSampleId :

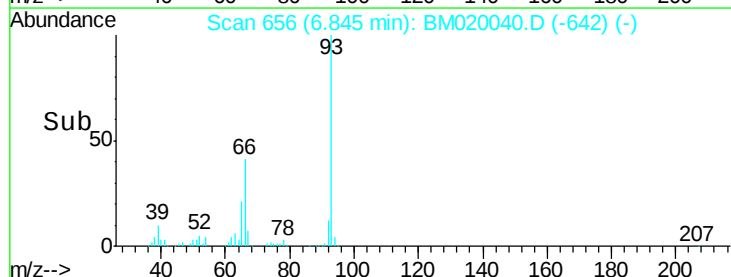
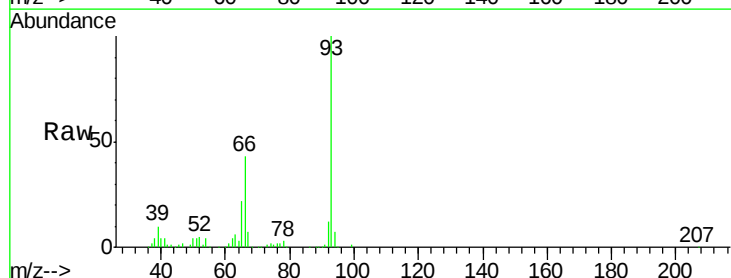
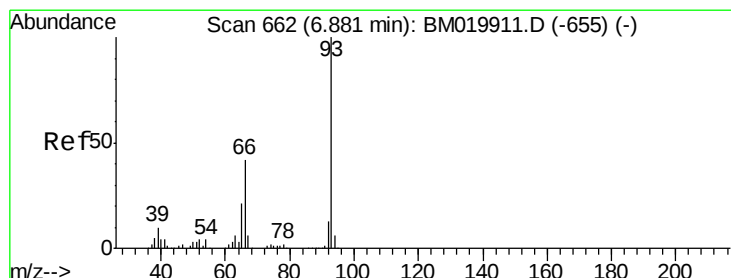
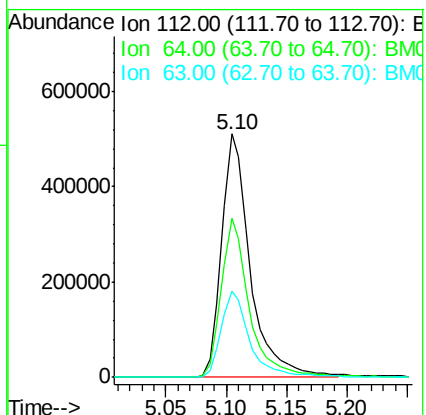
Tot Ion:112 Resp: 839724

Ion Ratio Lower Upper

112 100

64 65.3 49.1 73.7

63 35.3 26.5 39.7



#6

Aniline

Concen: 26.044 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

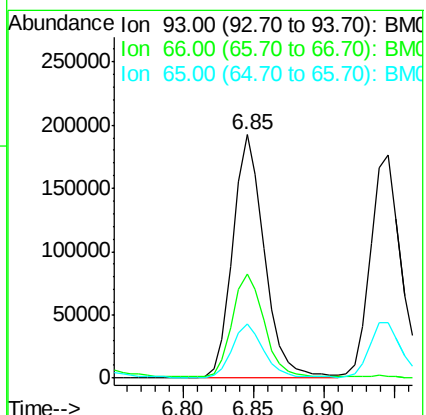
Tgt Ion: 93 Resp: 302490

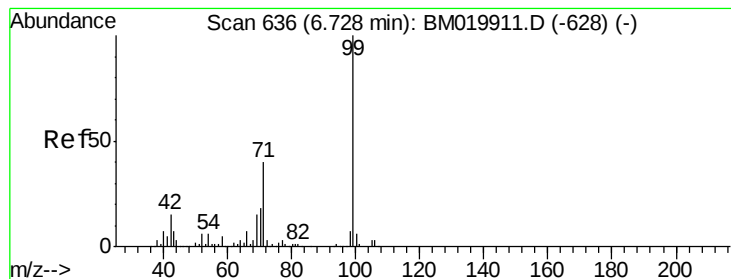
Ion Ratio Lower Upper

93 100

66 43.0 33.9 50.9

65 22.3 17.0 25.6





#7

Phenol-d6

Concen: 122.052 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Instrument :

BNA_M

ClientSampled :

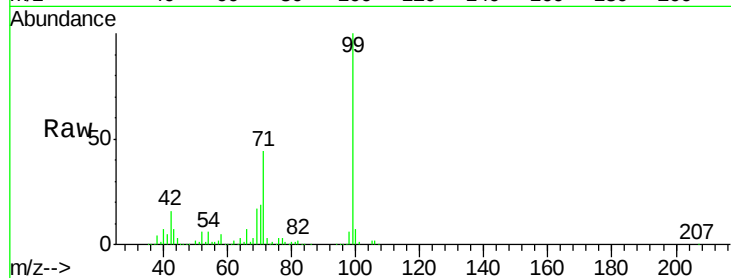
Tot Ion: 99 Resp: 1097525

Ion Ratio Lower Upper

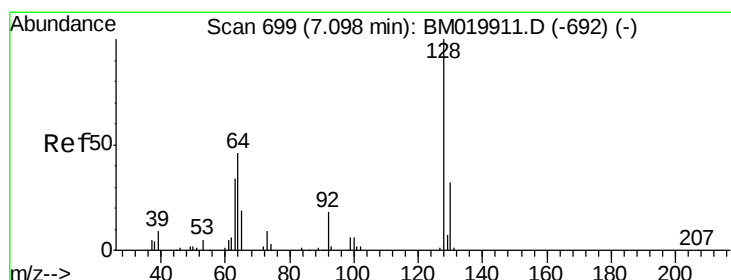
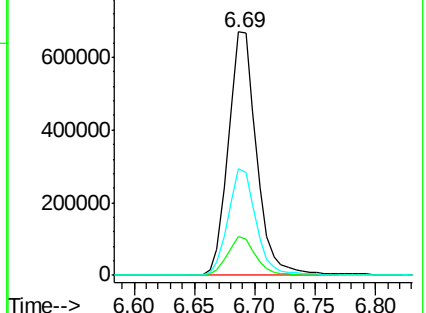
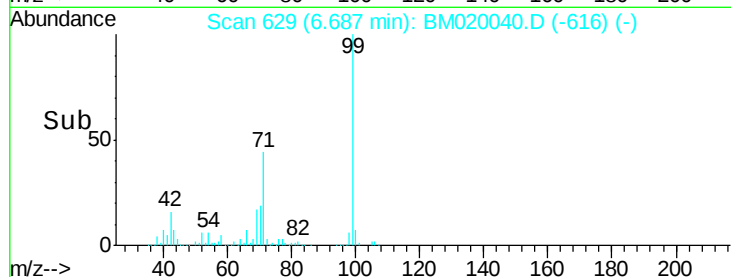
99 100

42 16.0 11.8 17.8

71 43.6 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#8

2-Chlorophenol

Concen: 40.302 ng

RT: 7.06 min Scan# 693

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

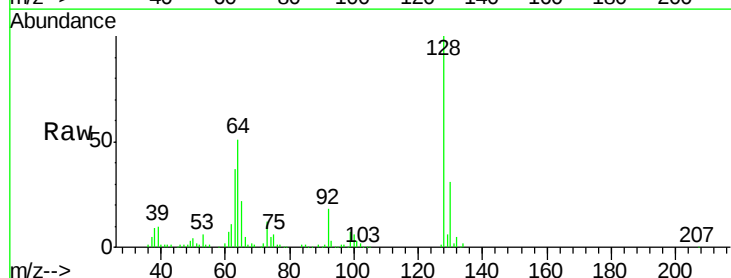
Tgt Ion: 128 Resp: 299502

Ion Ratio Lower Upper

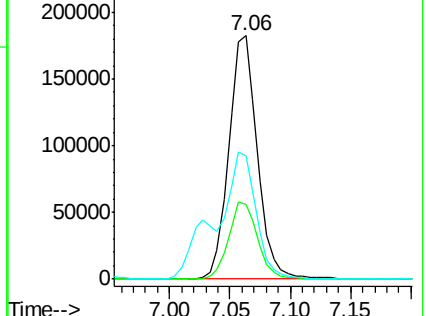
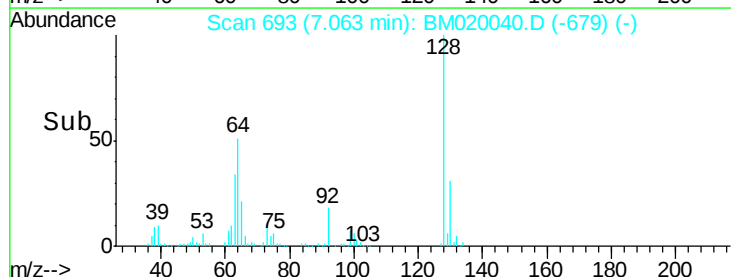
128 100

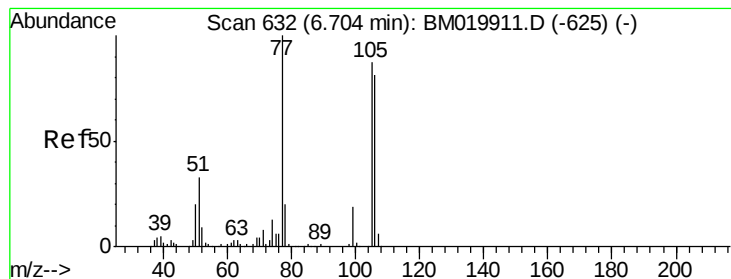
130 30.6 12.0 52.0

64 50.7 33.0 73.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BM0





#9

Benzaldehyde

Concen: 5.886 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.00 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Instrument :

BNA_M

ClientSampled :

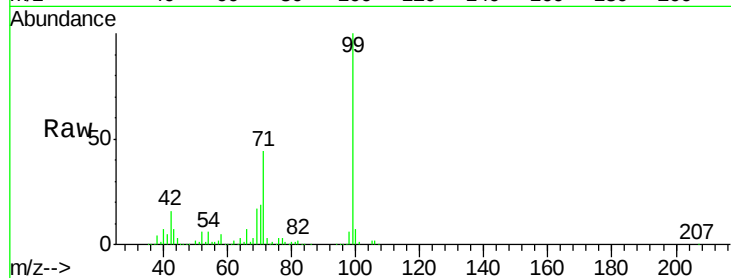
Tot Ion: 77 Resp: 41334

Ion Ratio Lower Upper

77 100

105 80.2 67.3 107.3

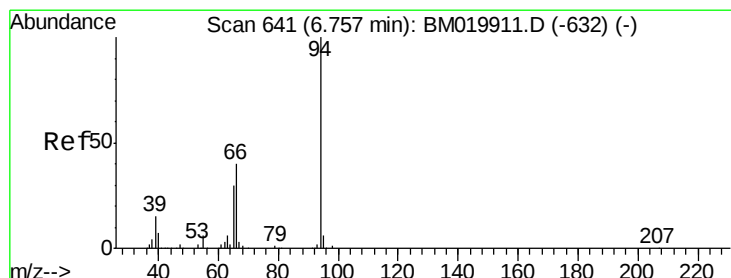
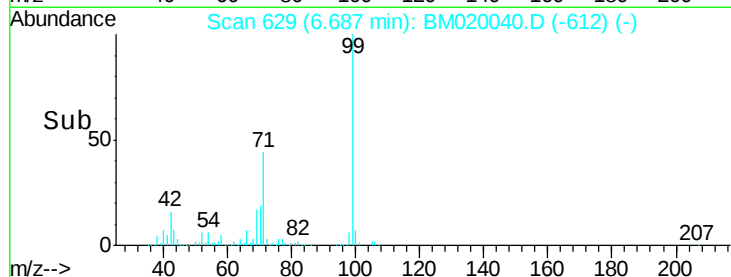
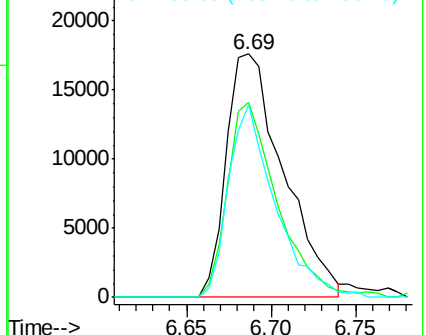
106 79.2 60.6 100.6



Abundance Ion 77.00 (76.70 to 77.70): BM019911.D (-625) (-)

Ion 105.00 (104.70 to 105.70): BM019911.D (-625) (-)

Ion 106.00 (105.70 to 106.70): BM019911.D (-625) (-)



#10

Phenol

Concen: 39.100 ng

RT: 6.72 min Scan# 634

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

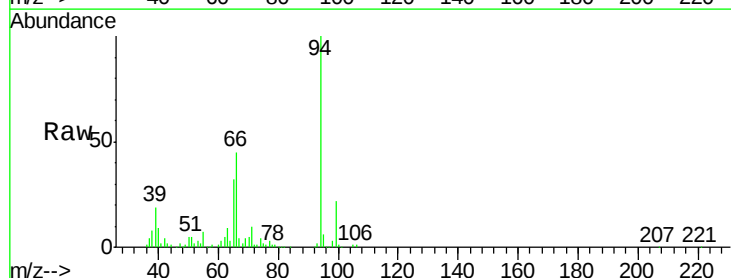
Tgt Ion: 94 Resp: 384145

Ion Ratio Lower Upper

94 100

65 32.3 10.0 50.0

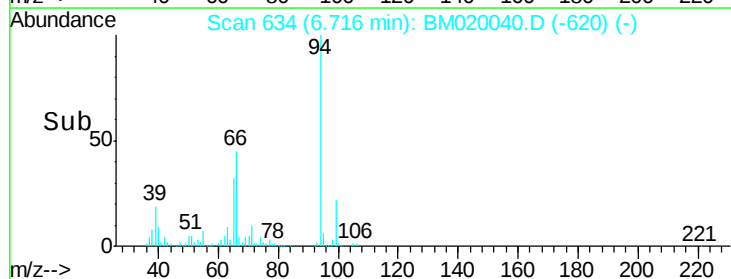
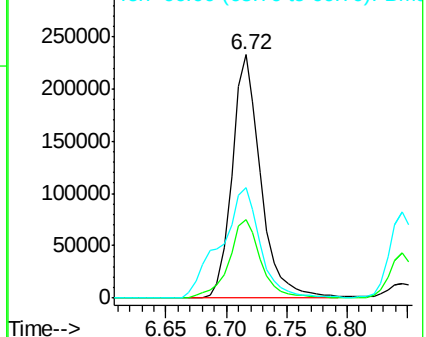
66 45.1 20.2 60.2

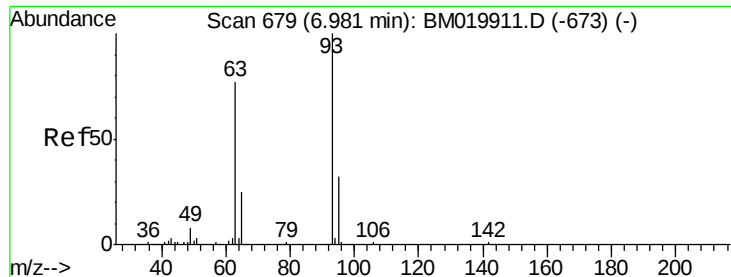


Abundance Ion 94.00 (93.70 to 94.70): BM019911.D (-632) (-)

Ion 65.00 (64.70 to 65.70): BM019911.D (-632) (-)

Ion 66.00 (65.70 to 66.70): BM019911.D (-632) (-)

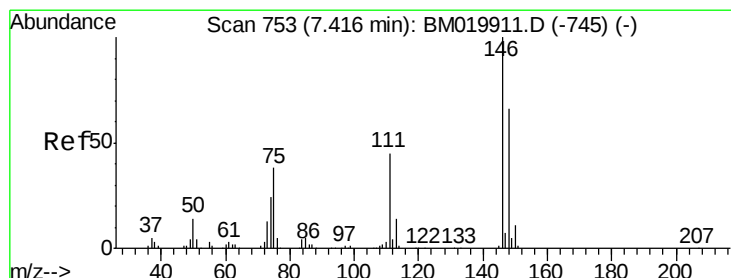
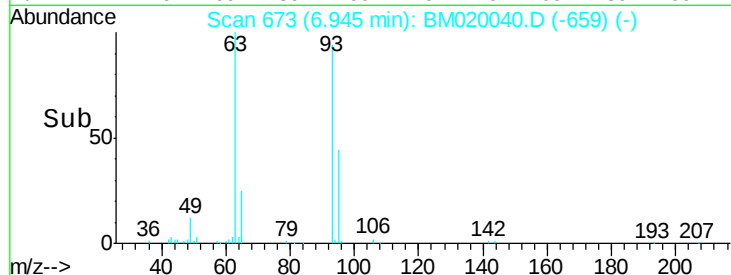
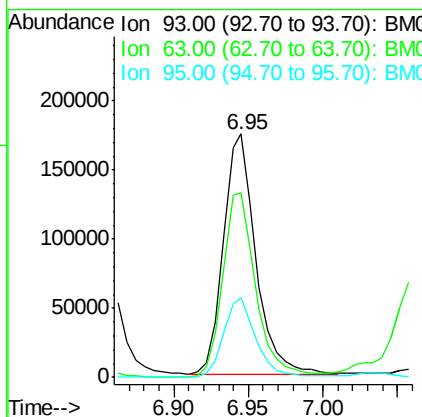
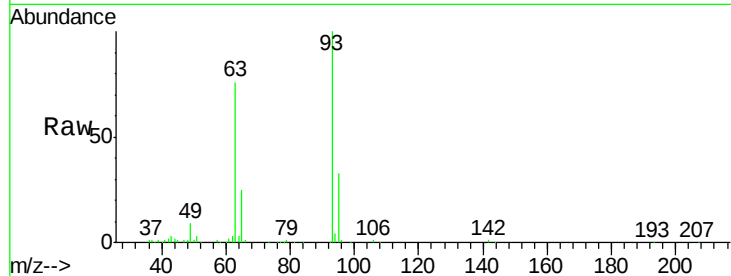




#11
bis(2-Chloroethyl)ether
Concen: 36.465 ng
RT: 6.95 min Scan# 673
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

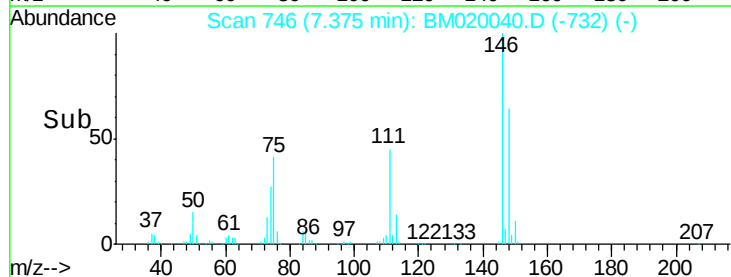
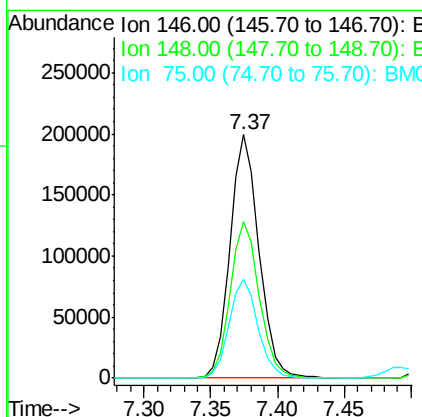
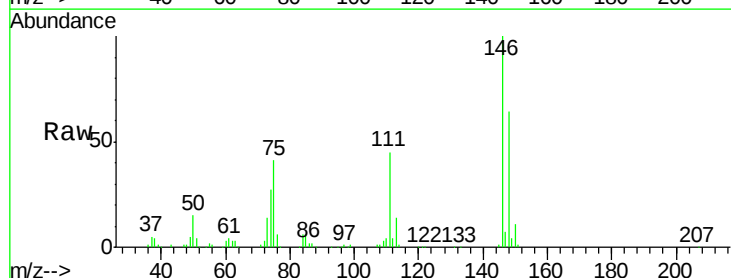
Instrument :
BNA_M
ClientSampleId :

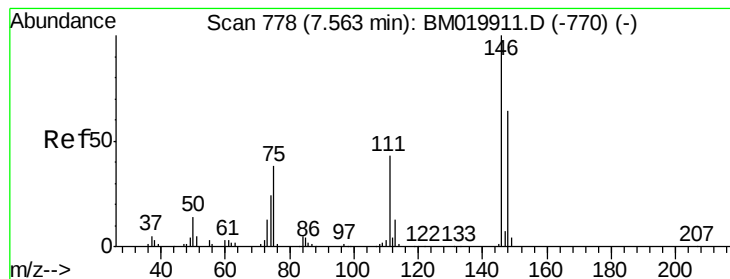
Tot Ion: 93 Resp: 262123
Ion Ratio Lower Upper
93 100
63 75.9 55.8 95.8
95 32.7 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 38.727 ng
RT: 7.37 min Scan# 746
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Tgt Ion: 146 Resp: 302138
Ion Ratio Lower Upper
146 100
148 64.4 52.6 78.8
75 40.8 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 39.262 ng

RT: 7.53 min Scan# 772

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Instrument :

BNA_M

ClientSampled :

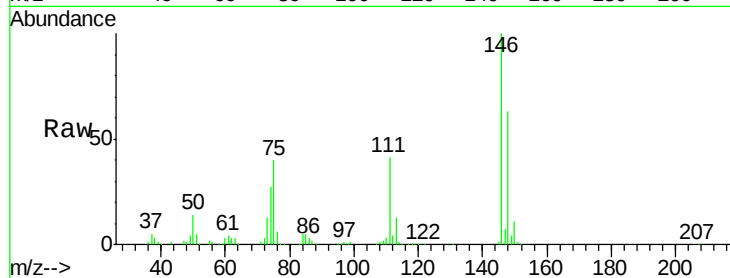
Tot Ion:146 Resp: 310780

Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

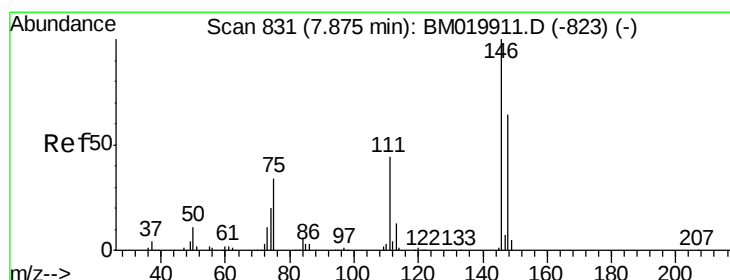
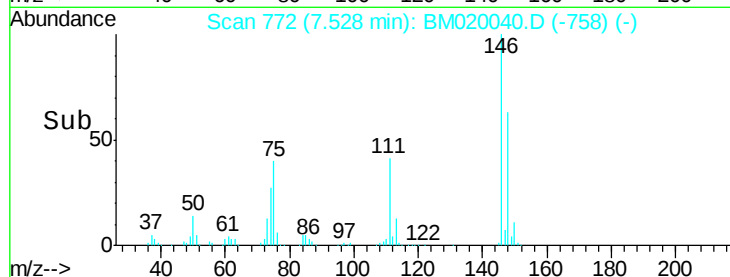
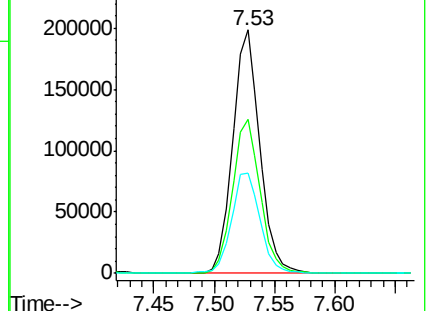
111 41.4 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.930 ng

RT: 7.83 min Scan# 824

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

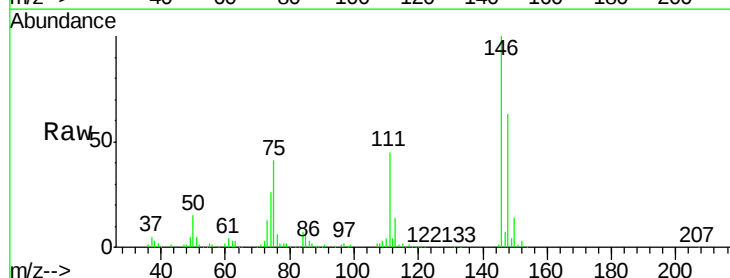
Tgt Ion:146 Resp: 305544

Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.2

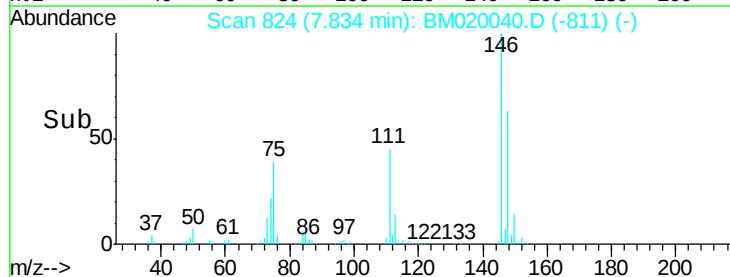
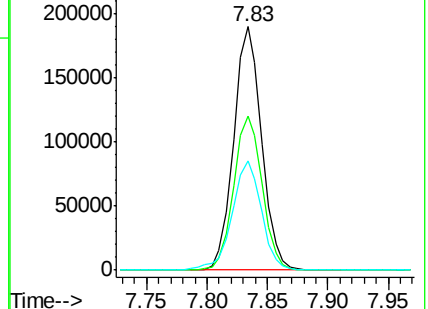
111 45.0 35.4 53.0

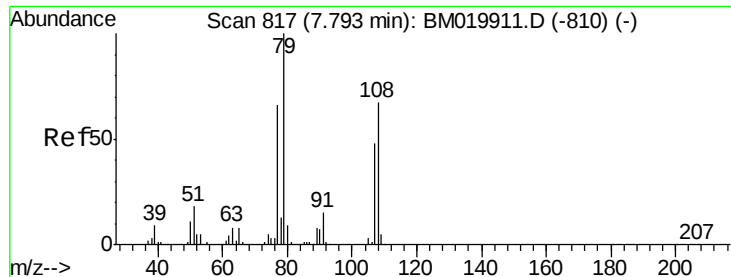


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

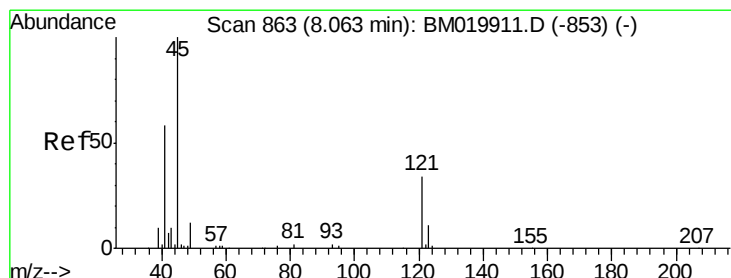
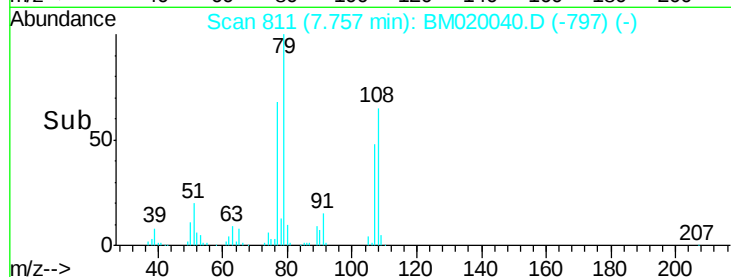
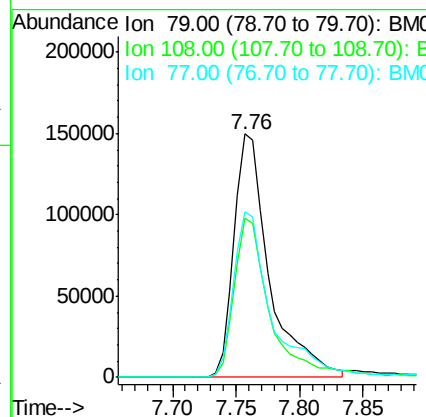
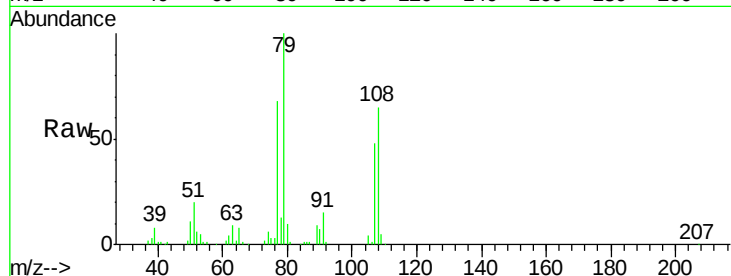




#15
Benzyl Alcohol
Concen: 35.600 ng
RT: 7.76 min Scan# 811
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

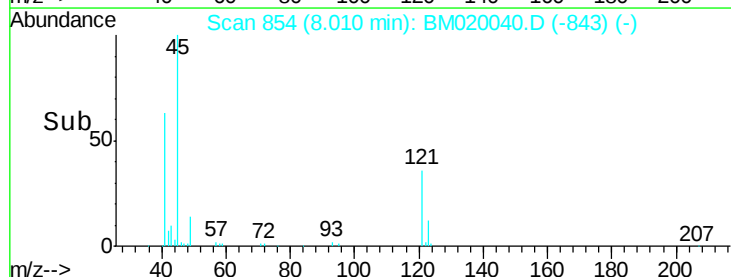
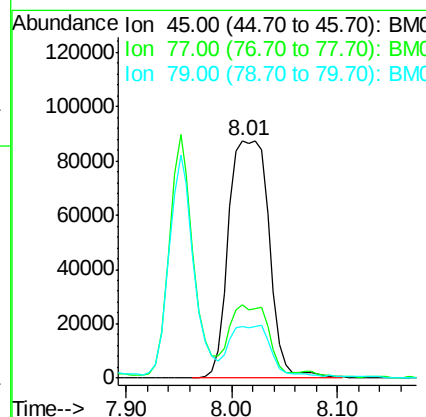
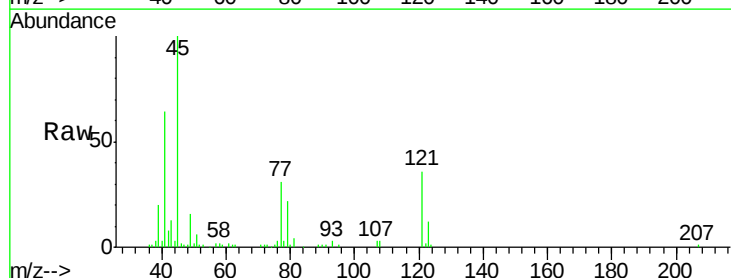
Instrument :
BNA_M
ClientSampleId :

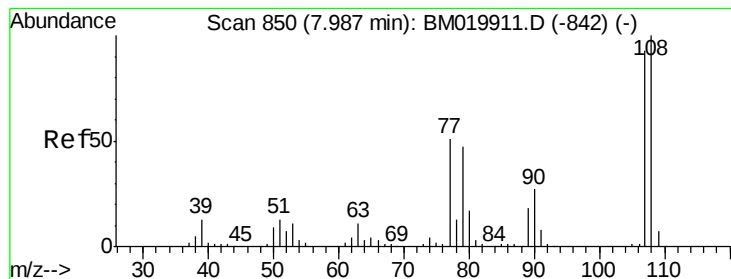
Tot Ion	Ratio	Lower	Upper
79	100		
108	65.4	53.9	80.9
77	68.0	53.1	79.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.879 ng
RT: 8.01 min Scan# 854
Delta R.T. -0.04 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.8	7.2	47.2
79	21.8	1.2	41.2

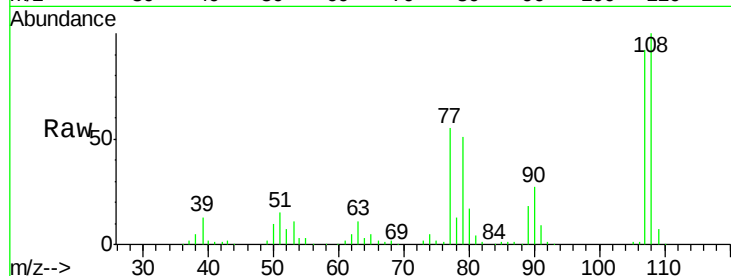




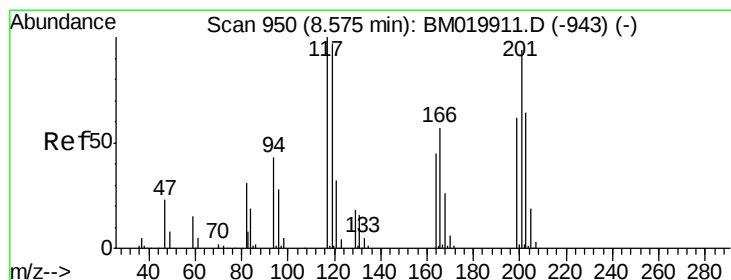
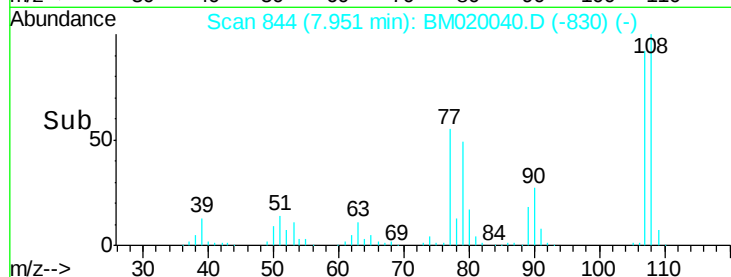
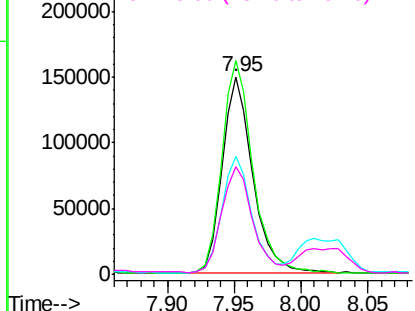
#17
2-Methylphenol
Concen: 37.371 ng
RT: 7.95 min Scan# 844
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Instrument :
BNA_M
ClientSampled :

Tot Ion:	107	Resp:	243004
Ion	Ratio	Lower	Upper
107	100		
108	108.3	85.9	128.9
77	59.8	43.8	65.6
79	54.7	41.1	61.7

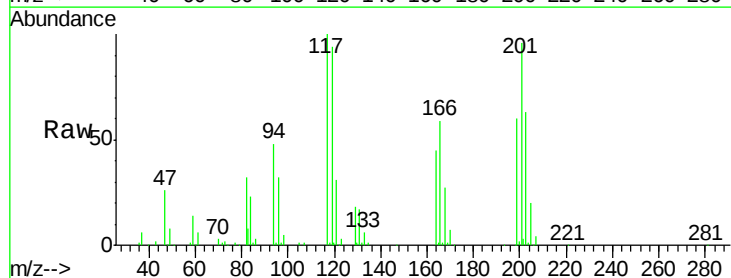


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

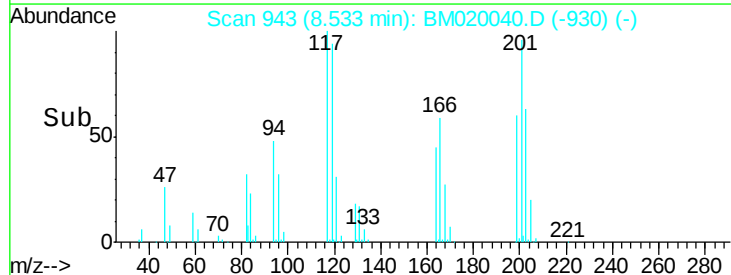
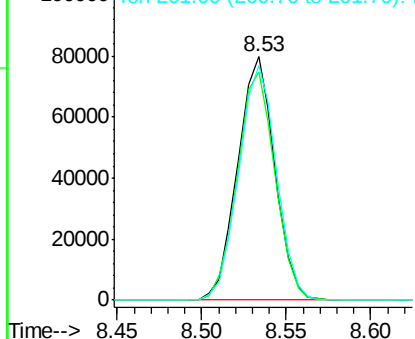


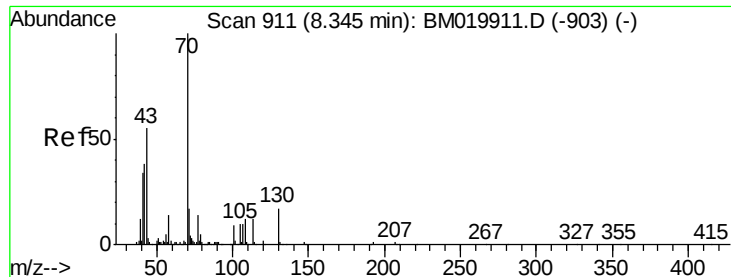
#18
Hexachloroethane
Concen: 39.658 ng
RT: 8.53 min Scan# 943
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Tgt Ion:	117	Resp:	122025
Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.6	116.4
201	98.9	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

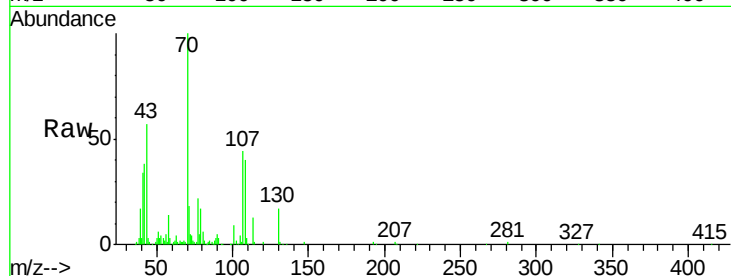




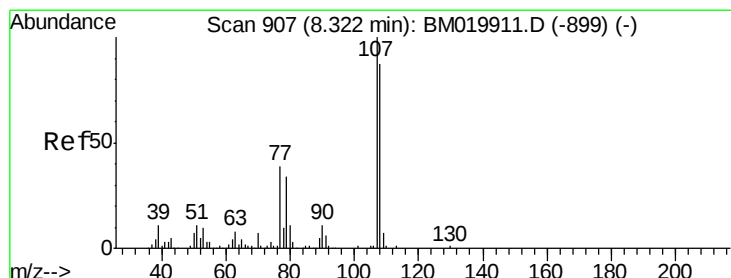
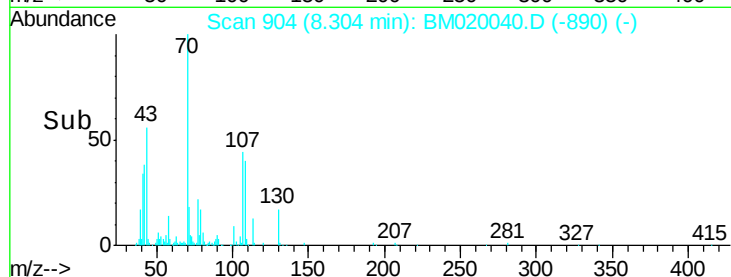
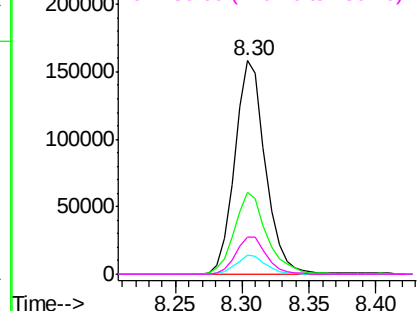
#19
n-Nitroso-di-n-propylamine
Concen: 32.100 ng
RT: 8.30 min Scan# 904
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Instrument :
BNA_M
ClientSampled :

Tot Ion:	70	Resp:	253735
Ion	Ratio	Lower	Upper
70	100		
42	38.4	30.3	45.5
101	9.2	6.9	10.3
130	17.1	13.8	20.6

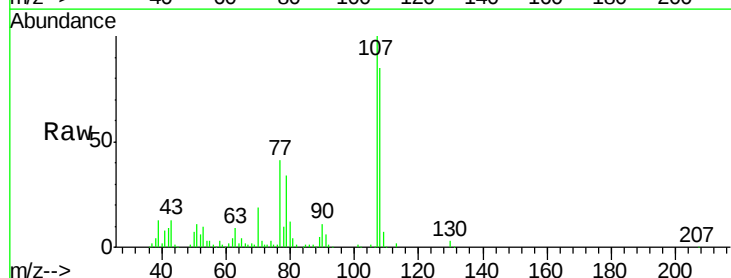


Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

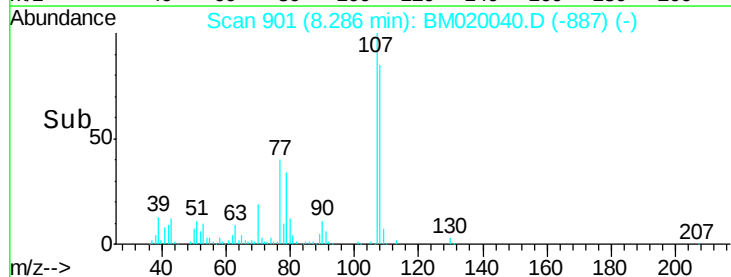
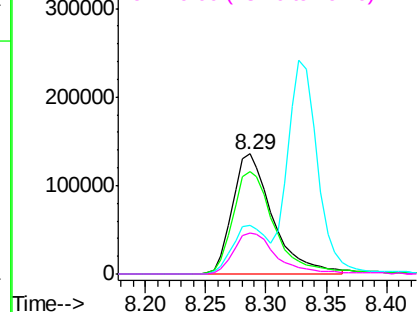


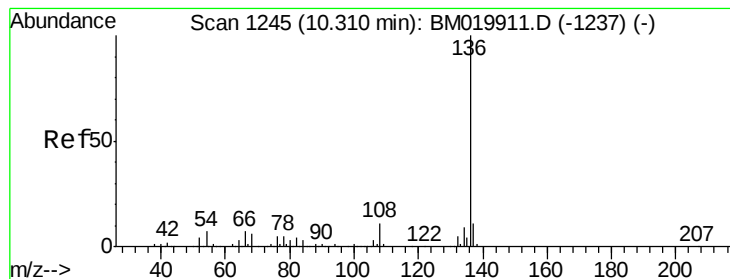
#20
3+4-Methylphenols
Concen: 35.457 ng
RT: 8.29 min Scan# 901
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Tgt Ion:	107	Resp:	316715
Ion	Ratio	Lower	Upper
107	100		
108	84.9	67.4	107.4
77	40.7	19.7	59.7
79	34.3	14.1	54.1



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.26 min Scan# 1237

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 384669

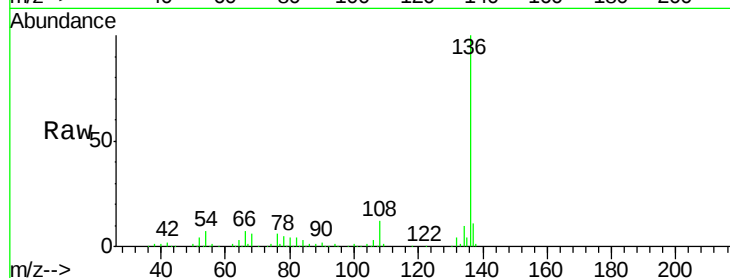
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 6.5 5.3 7.9

68 6.5 5.2 7.8

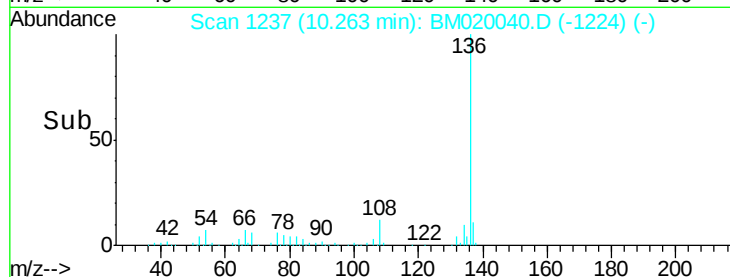


Abundance Ion 136.00 (135.70 to 136.70): E

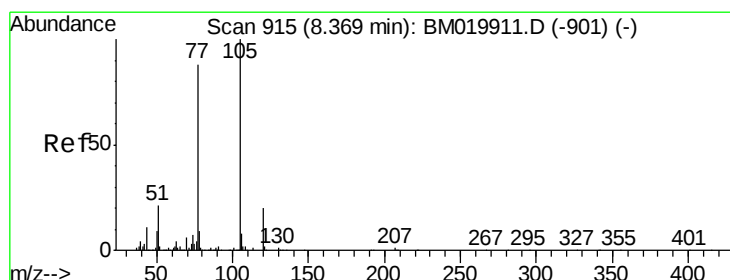
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#22

Acetophenone

Concen: 42.417 ng

RT: 8.33 min Scan# 908

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Tgt Ion:105 Resp: 444413

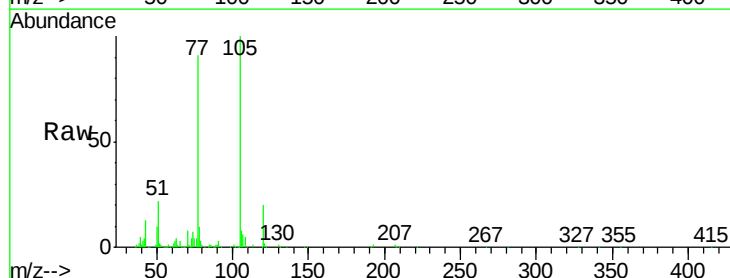
Ion Ratio Lower Upper

105 100

71 1.5 0.8 1.2#

51 22.1 16.9 25.3

120 20.4 16.4 24.6

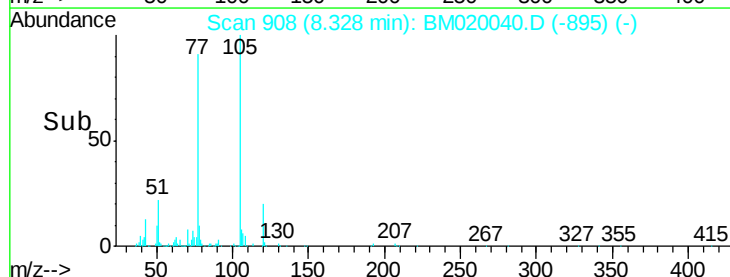


Abundance Ion 105.00 (104.70 to 105.70): E

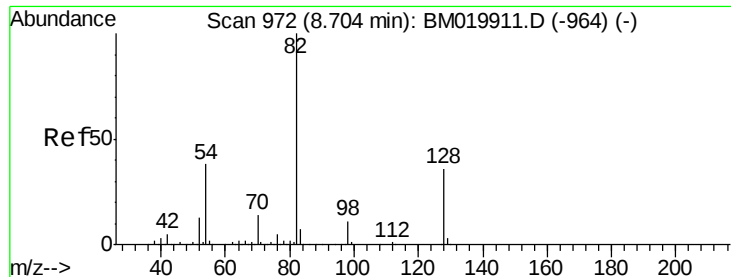
Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



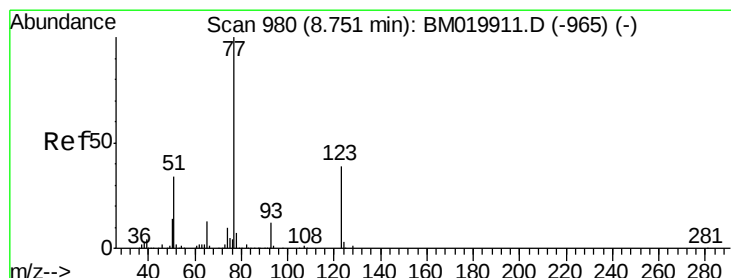
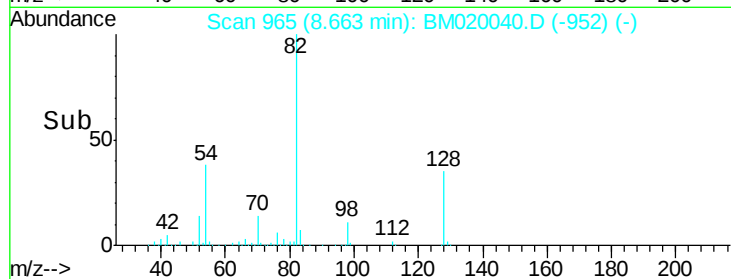
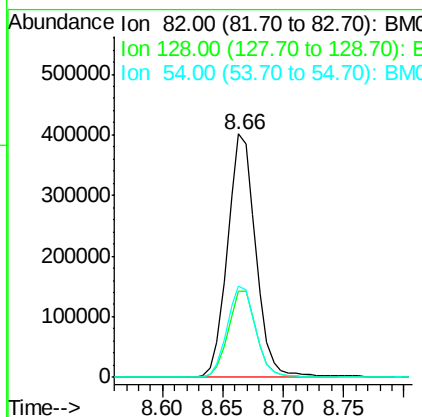
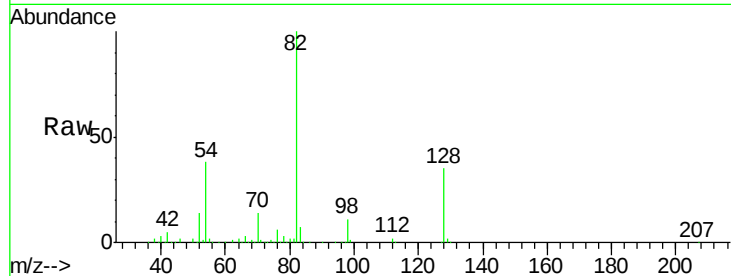
Time-->



#23
Nitrobenzene-d5
Concen: 76.025 ng
RT: 8.66 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

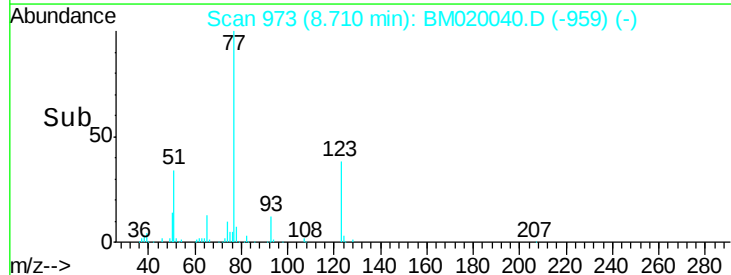
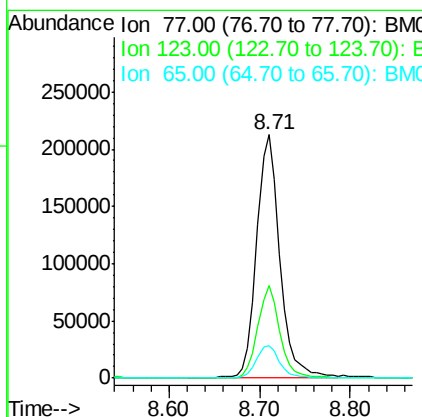
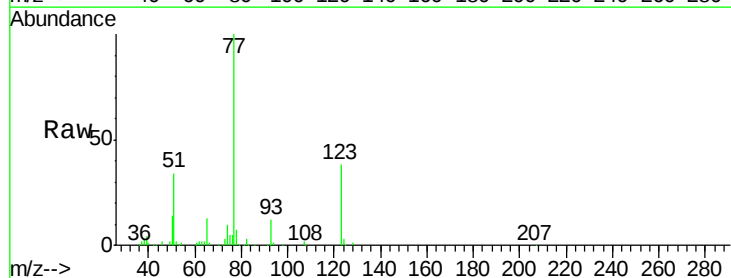
Instrument :
BNA_M
ClientSampleId :

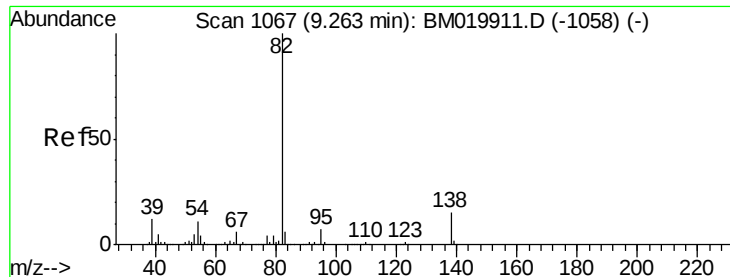
Tot Ion	82	Resp	653930
Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.0	43.4
54	37.7	30.2	45.4



#24
Nitrobenzene
Concen: 42.368 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Tgt Ion	77	Resp	377523
Ion	Ratio	Lower	Upper
77	100		
123	38.1	31.0	46.4
65	13.2	10.6	16.0





#25

Isophorone

Concen: 37.491 ng

RT: 9.22 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Instrument :

BNA_M

ClientSampleId :

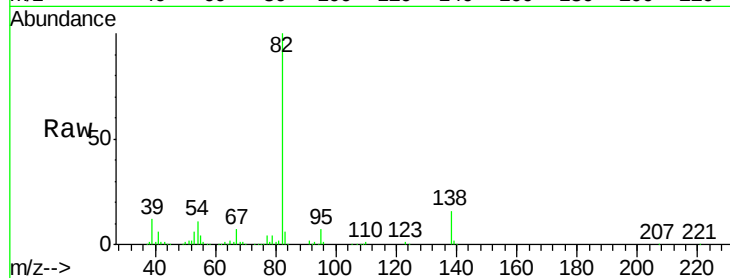
Tot Ion: 82 Resp: 627749

Ion Ratio Lower Upper

82 100

95 7.5 5.5 8.3

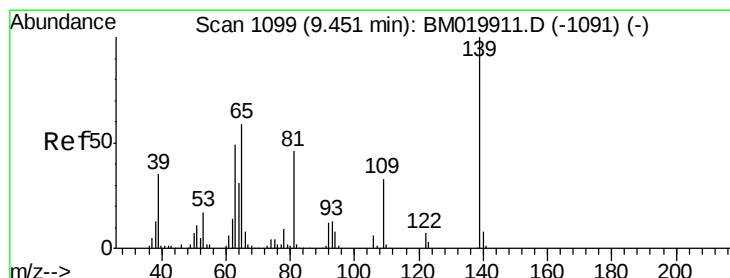
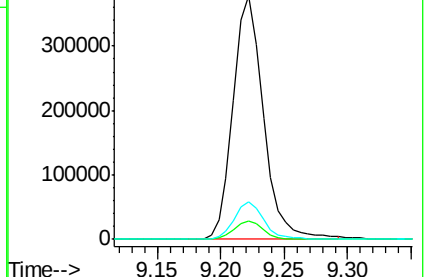
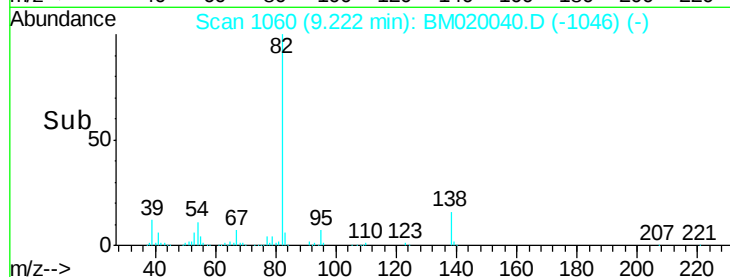
138 15.6 12.2 18.2



Abundance Ion 82.00 (81.70 to 82.70): BM020040.D (-1046) (-)

Ion 95.00 (94.70 to 95.70): BM020040.D (-1046) (-)

Ion 138.00 (137.70 to 138.70): BM020040.D (-1046) (-)



#26

2-Nitrophenol

Concen: 38.623 ng

RT: 9.41 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

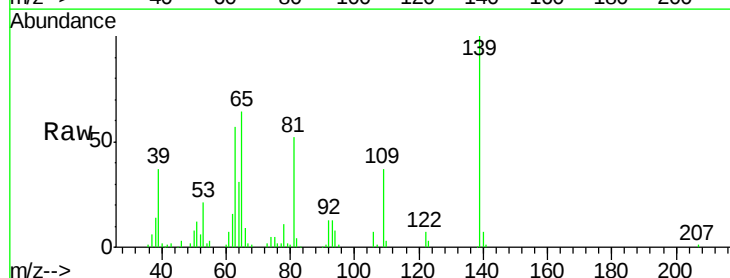
Tgt Ion: 139 Resp: 146658

Ion Ratio Lower Upper

139 100

109 37.5 26.3 39.5

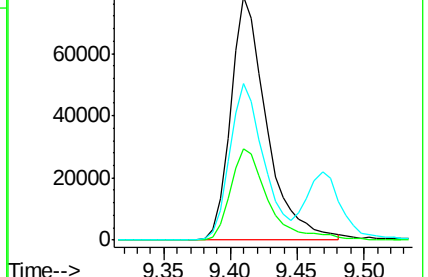
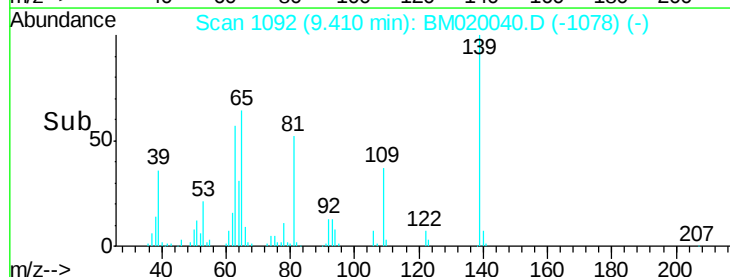
65 64.1 47.4 71.2

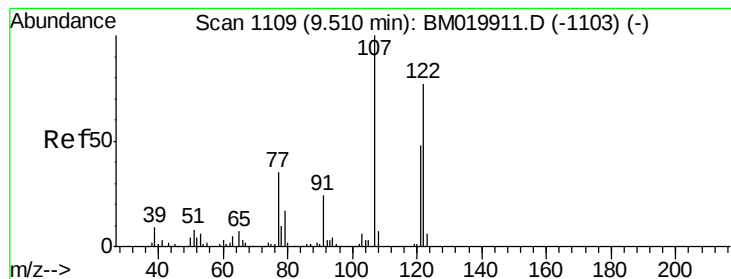


Abundance Ion 139.00 (138.70 to 139.70): BM020040.D (-1078) (-)

Ion 109.00 (108.70 to 109.70): BM020040.D (-1078) (-)

Ion 65.00 (64.70 to 65.70): BM020040.D (-1078) (-)





#27

2,4-Dimethylphenol

Concen: 46.258 ng

RT: 9.47 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Instrument :

BNA_M

ClientSampleId :

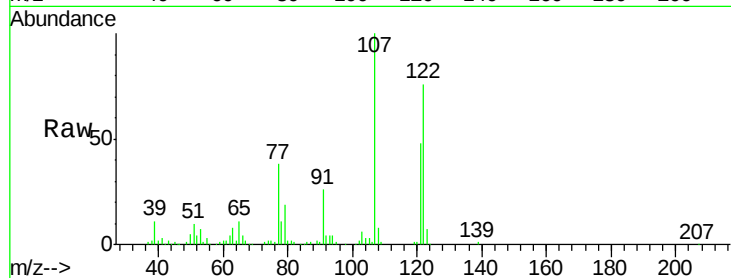
Tot Ion:122 Resp: 248354

Ion Ratio Lower Upper

122 100

107 131.3 103.1 154.7

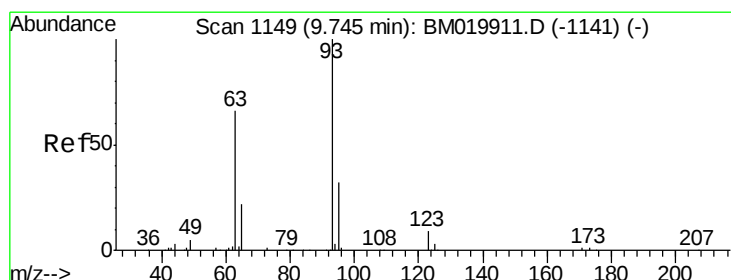
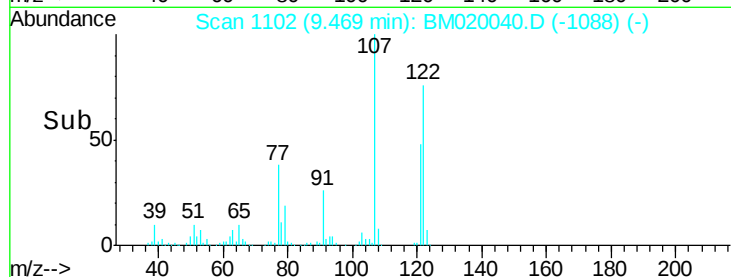
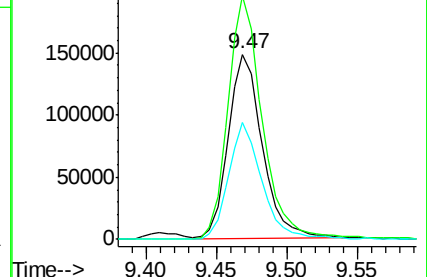
121 63.0 49.8 74.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.273 ng

RT: 9.70 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

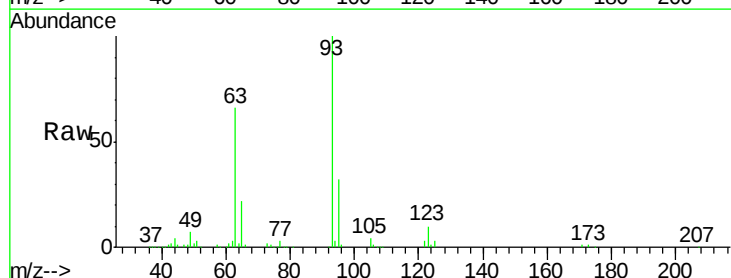
Tgt Ion: 93 Resp: 358843

Ion Ratio Lower Upper

93 100

95 31.6 25.8 38.8

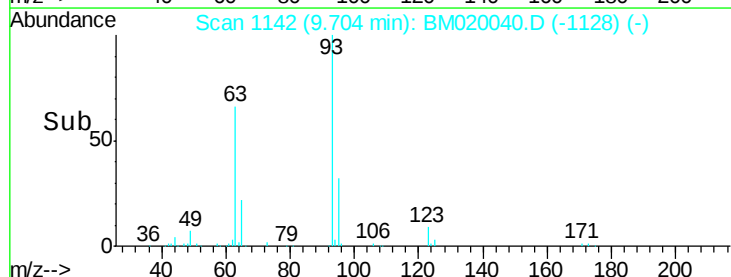
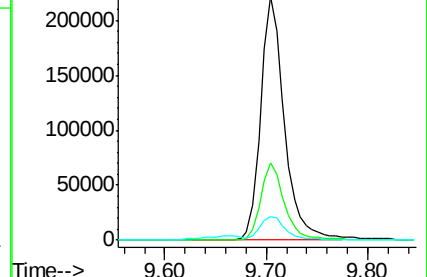
123 9.8 8.2 12.2

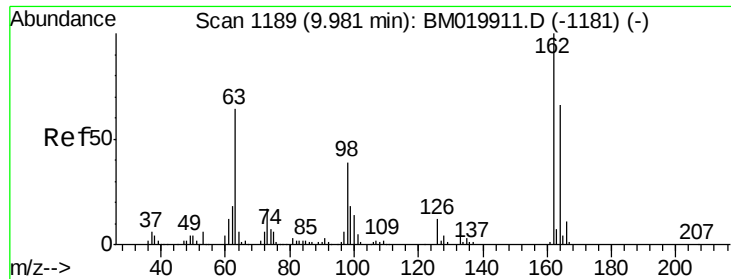


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

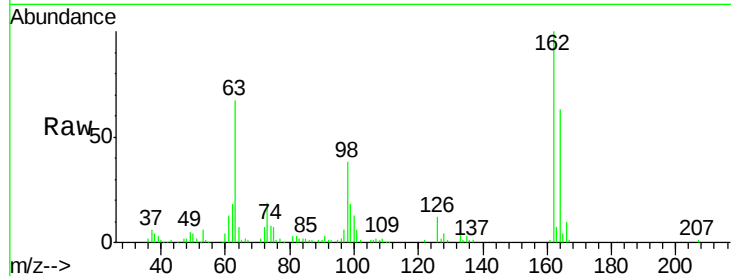




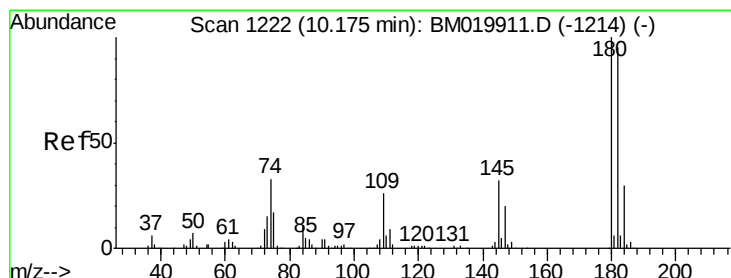
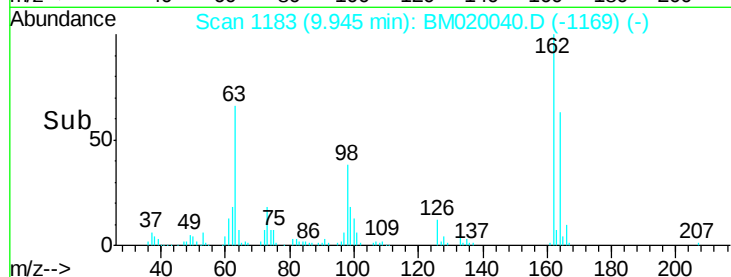
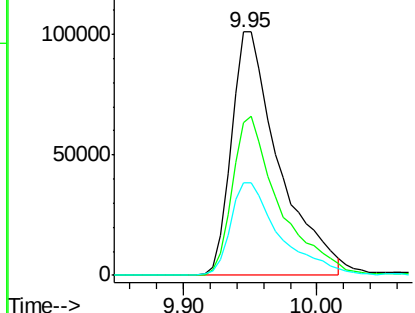
#29
2,4-Dichlorophenol
Concen: 41.016 ng
RT: 9.95 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	46.3	86.3
98	38.2	19.2	59.2

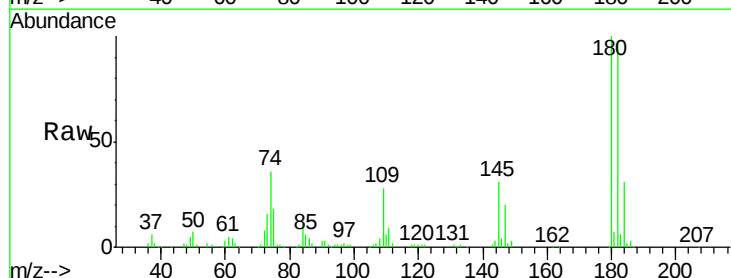


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

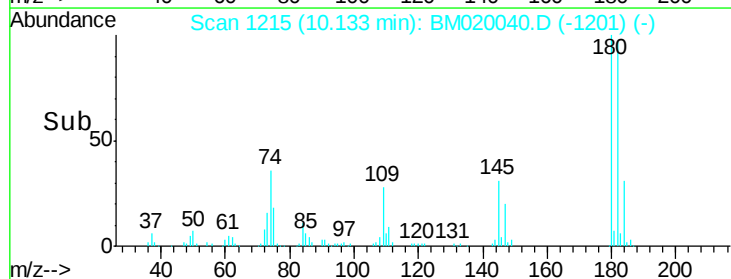
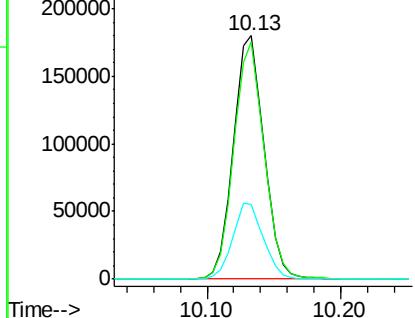


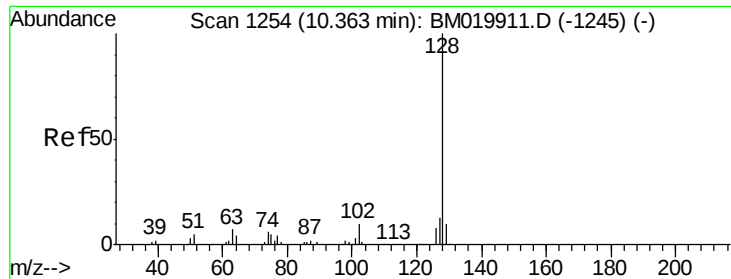
#30
1,2,4-Trichlorobenzene
Concen: 43.762 ng
RT: 10.13 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.3	114.5
145	30.8	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

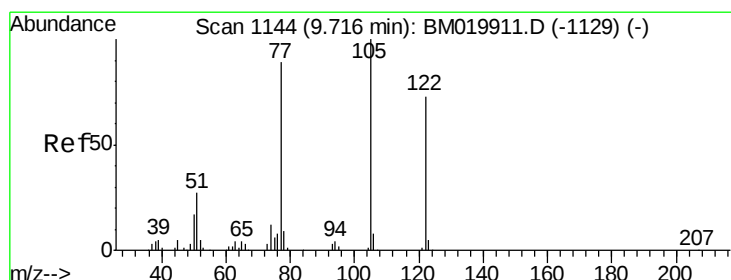
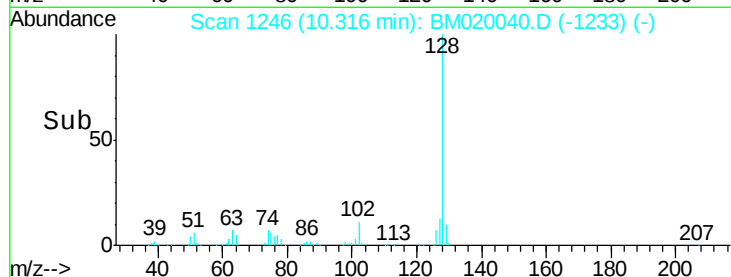
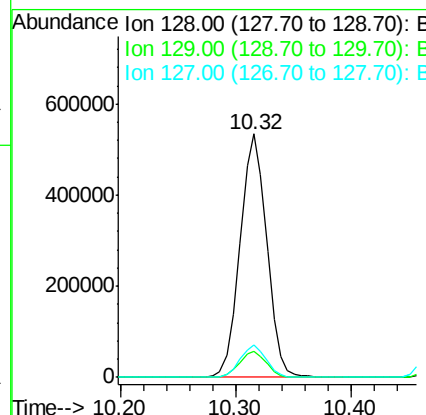
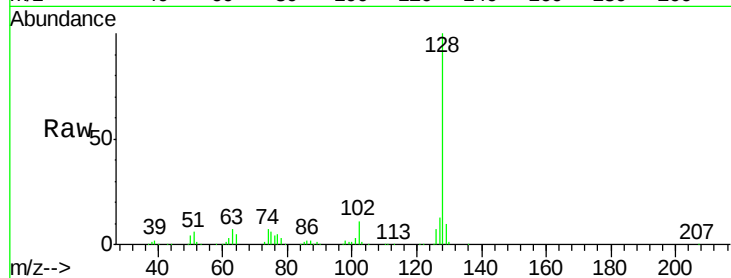




#31
Naphthalene
Concen: 41.455 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

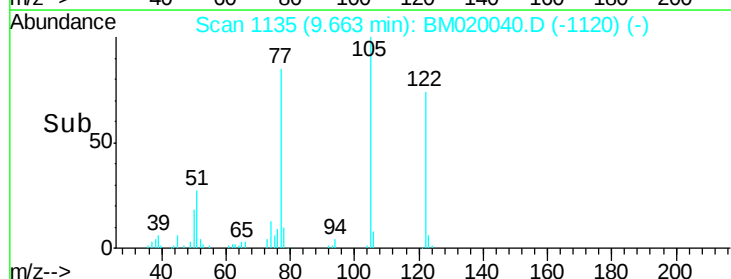
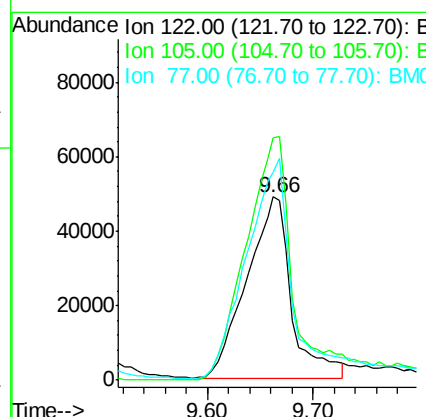
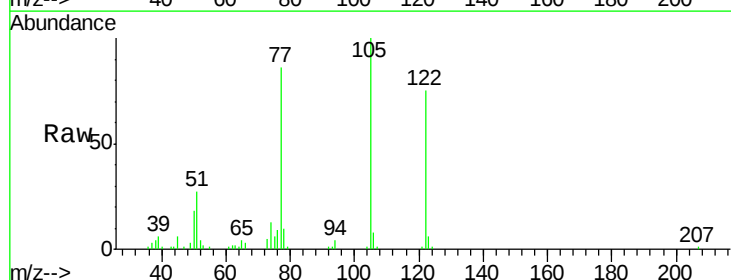
Instrument :
BNA_M
ClientSampleId :

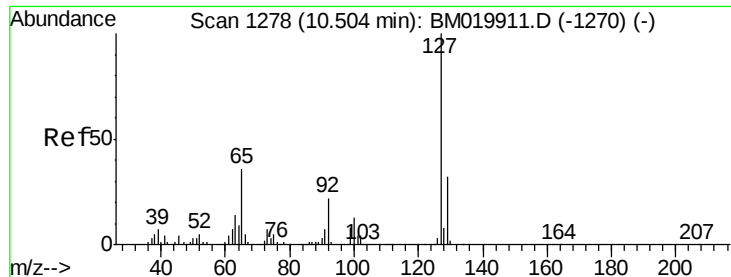
Tot Ion:128 Resp: 855315
Ion Ratio Lower Upper
128 100
129 10.5 8.3 12.5
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 30.475 ng
RT: 9.66 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Tgt Ion:122 Resp: 143651
Ion Ratio Lower Upper
122 100
105 132.5 114.8 154.8
77 113.7 100.2 140.2

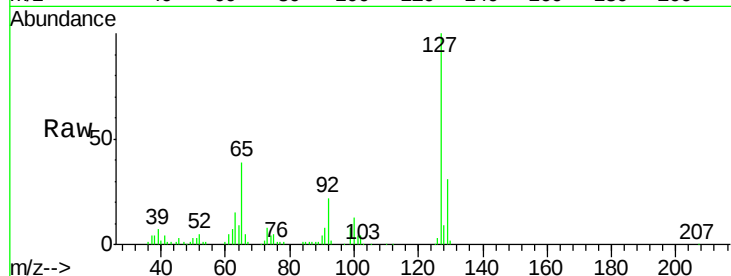




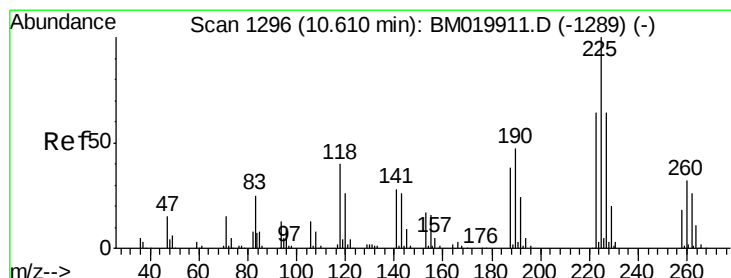
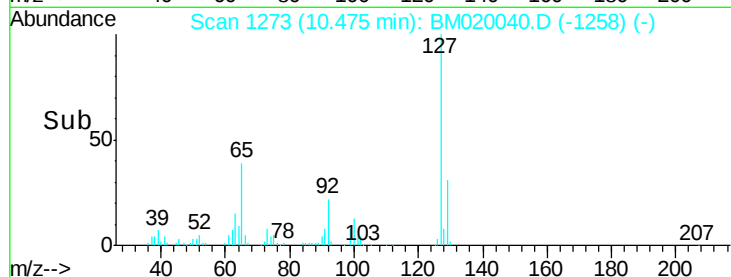
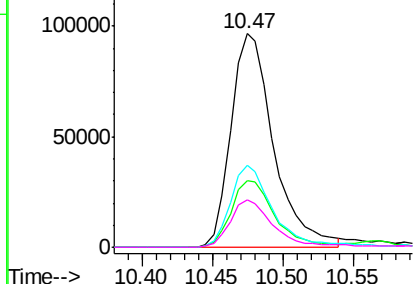
#33
4-Chloroaniline
Concen: 24.050 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	204418
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.4	38.0
65	38.7	29.2	43.8
92	22.2	17.5	26.3

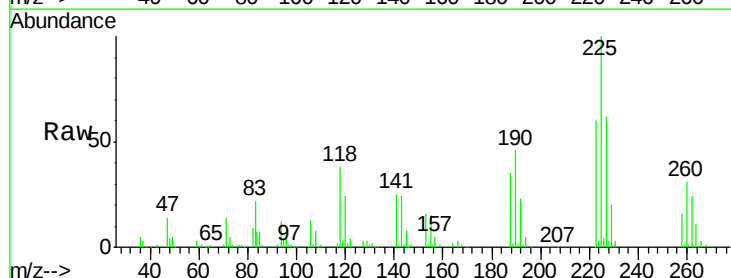


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

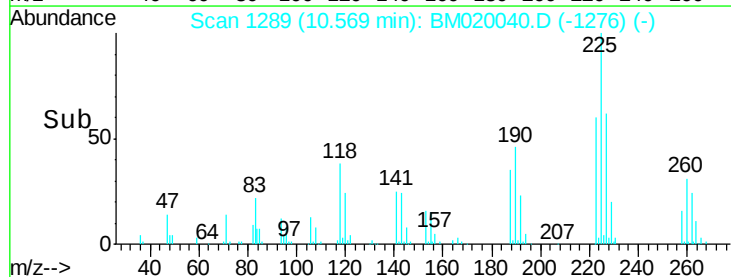
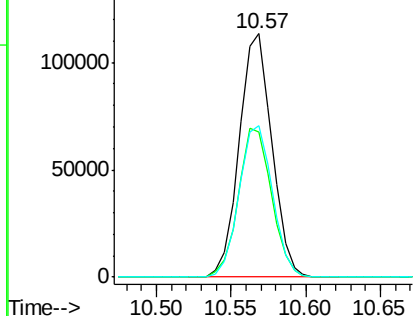


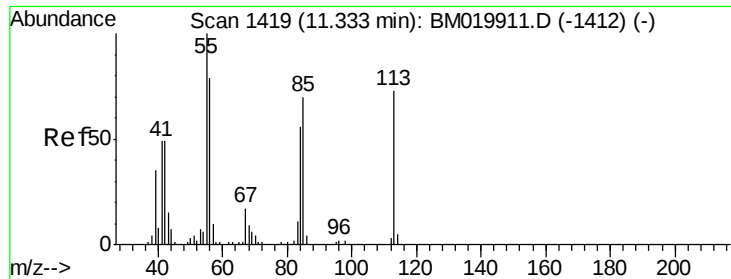
#34
Hexachlorobutadiene
Concen: 44.432 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Tgt Ion:	225	Resp:	171979
Ion	Ratio	Lower	Upper
225	100		
223	59.7	51.4	77.2
227	62.2	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
150000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 18.979 ng

RT: 11.29 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Instrument :

BNA_M

ClientSampled :

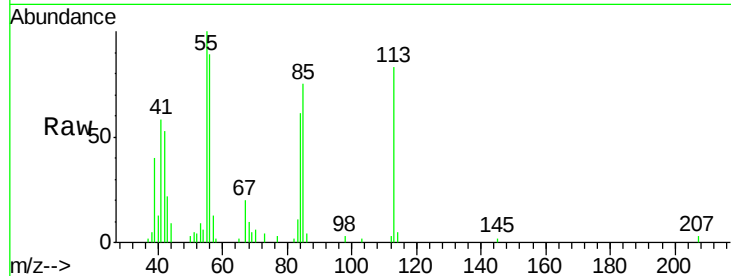
Tot Ion:113 Resp: 43805

Ion Ratio Lower Upper

113 100

55 120.2 117.1 157.1

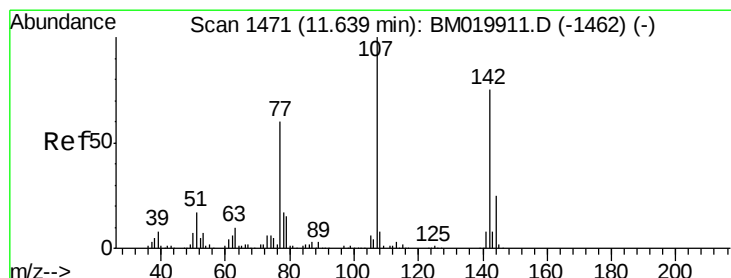
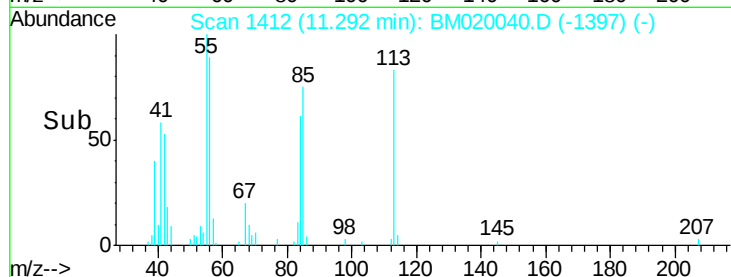
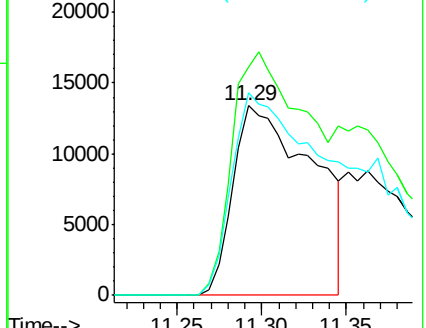
56 107.1 88.2 128.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 36.879 ng

RT: 11.60 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

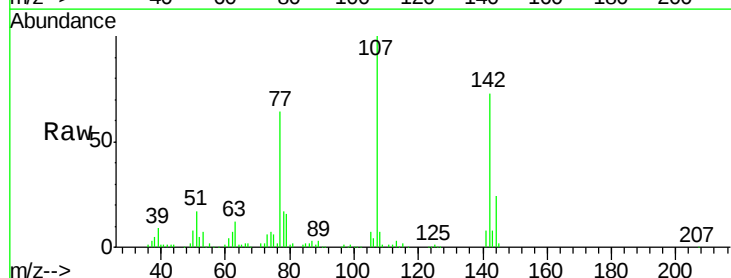
Tgt Ion:107 Resp: 279419

Ion Ratio Lower Upper

107 100

144 24.3 19.8 29.8

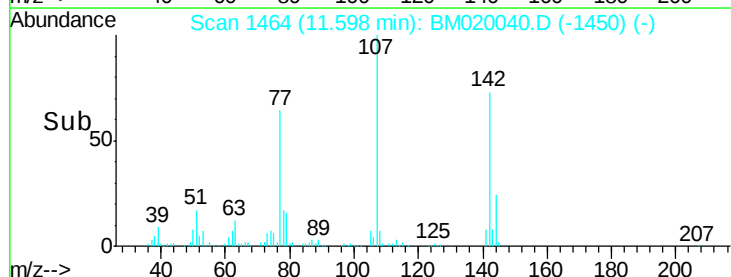
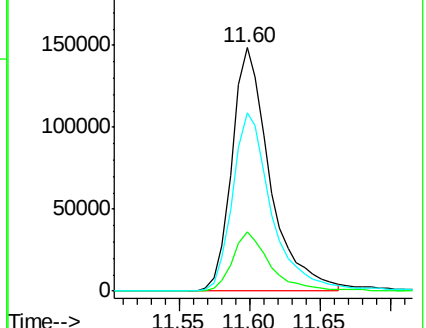
142 73.4 60.3 90.5

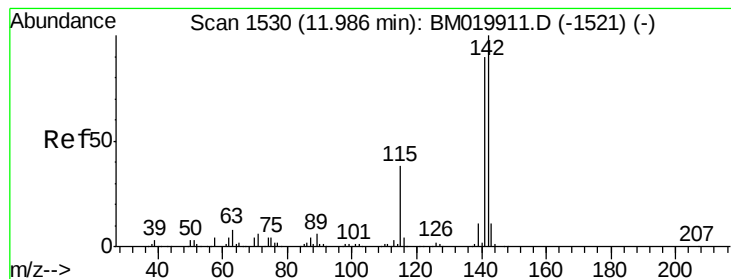


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.085 ng

RT: 11.94 min Scan# 1522

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Instrument :

BNA_M

ClientSampleId :

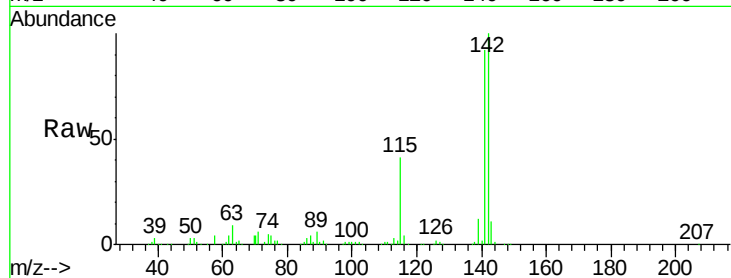
Tot Ion:142 Resp: 602128

Ion Ratio Lower Upper

142 100

141 91.7 72.3 108.5

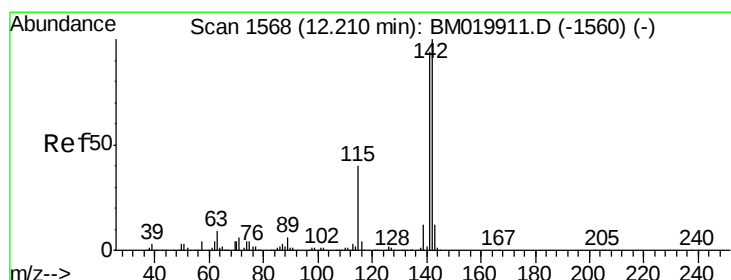
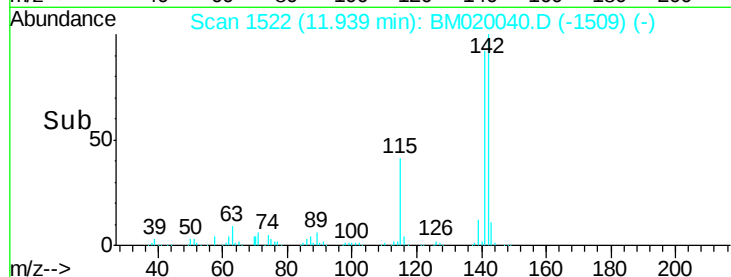
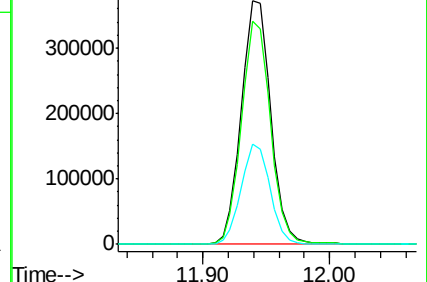
115 41.1 30.5 45.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.620 ng

RT: 12.16 min Scan# 1560

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

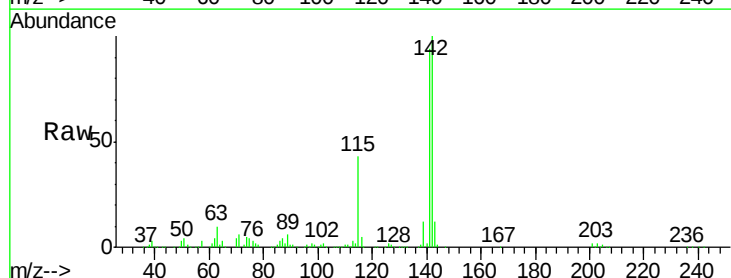
Tgt Ion:142 Resp: 572797

Ion Ratio Lower Upper

142 100

141 94.4 75.7 113.5

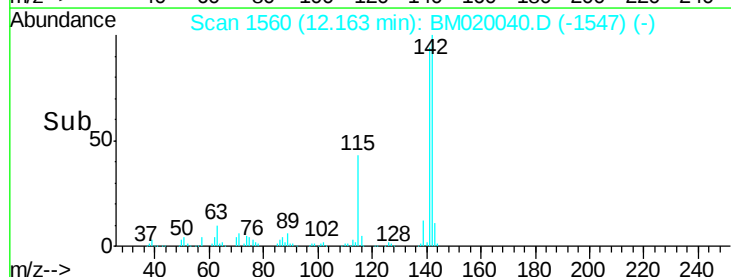
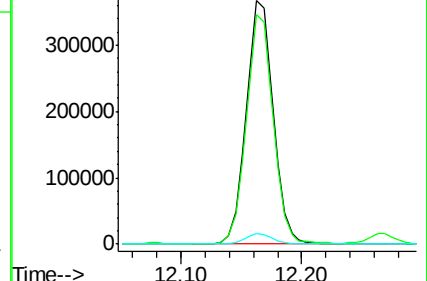
116 4.6 3.4 5.2

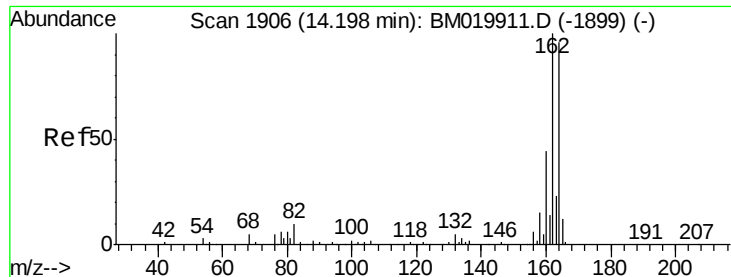


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.16 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Instrument :

BNA_M

ClientSampleId :

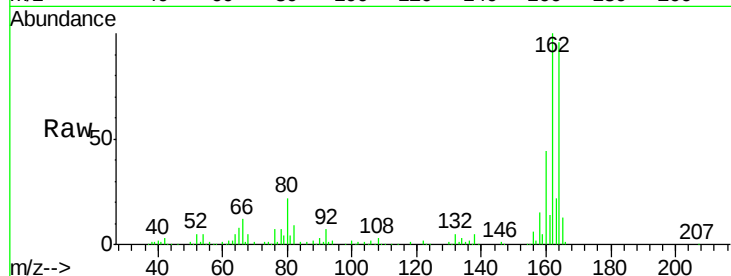
Tot Ion:164 Resp: 206038

Ion Ratio Lower Upper

164 100

162 104.5 83.0 124.4

160 46.1 36.6 55.0

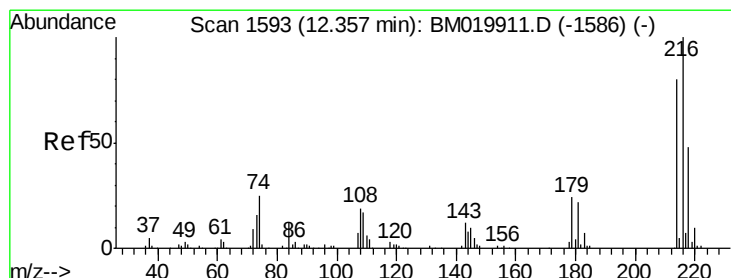
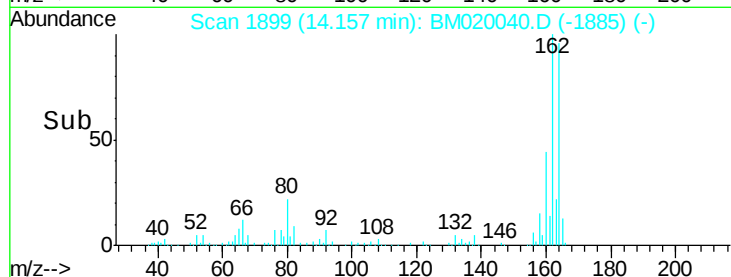
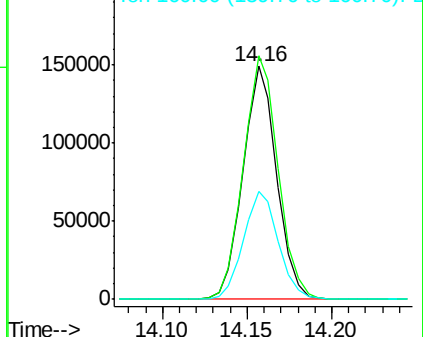


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.296 ng

RT: 12.32 min Scan# 1586

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Tgt Ion:216 Resp: 294267

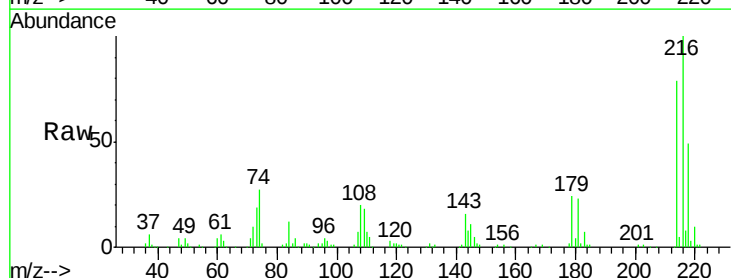
Ion Ratio Lower Upper

216 100

214 77.7 63.1 94.7

179 23.3 19.0 28.6

108 19.9 16.3 24.5



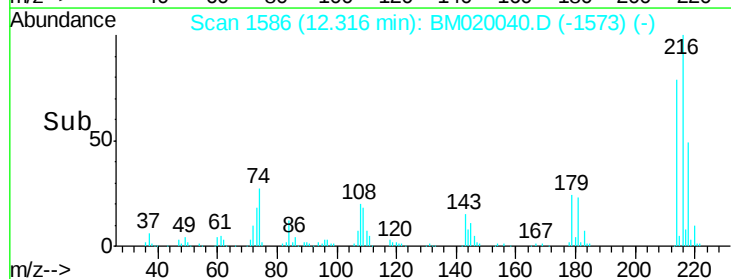
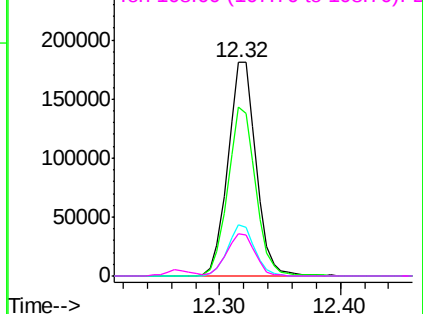
Abundance

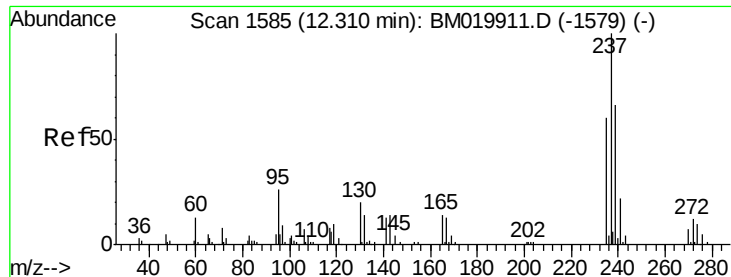
Ion 216.00 (215.70 to 216.70): E

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: 70.554 ng

RT: 12.27 min Scan# 1578

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Instrument :

BNA_M

ClientSampleId :

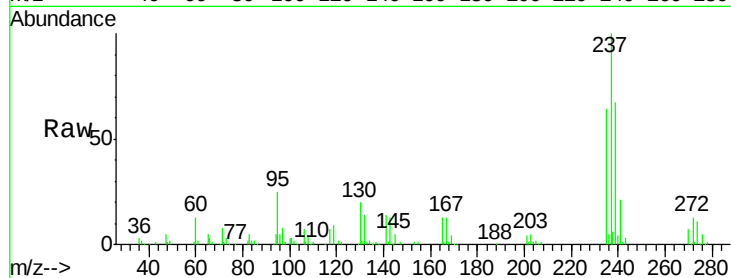
Tot Ion:237 Resp: 155142

Ion Ratio Lower Upper

237 100

235 64.5 40.4 80.4

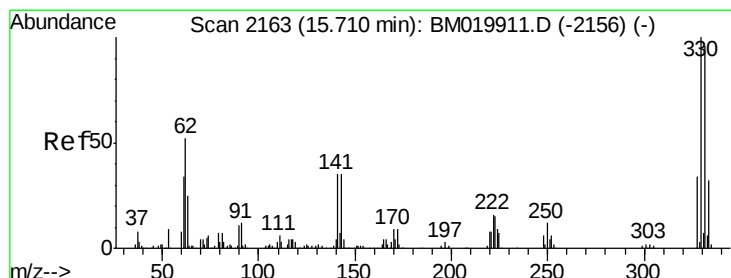
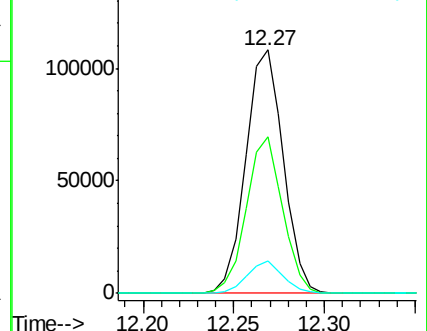
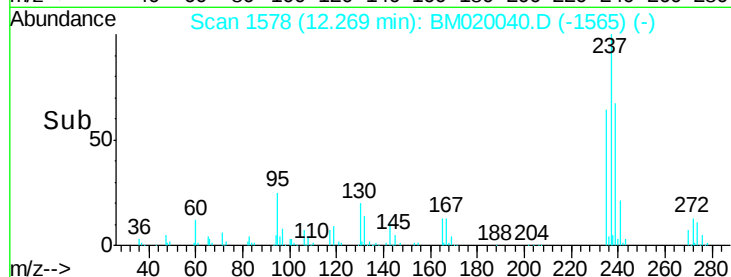
272 13.2 0.0 32.3



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: 125.171 ng

RT: 15.67 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

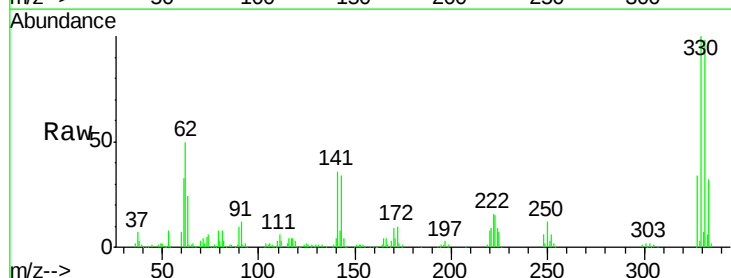
Tgt Ion:330 Resp: 415147

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

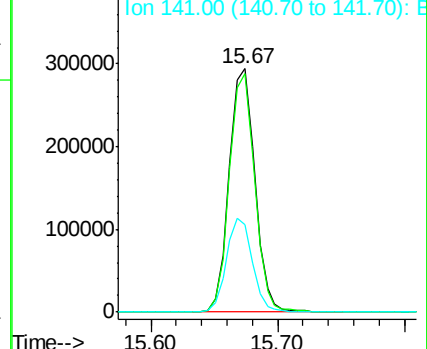
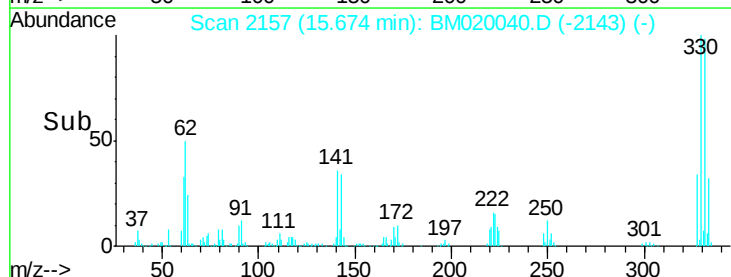
141 38.9 29.0 43.4



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

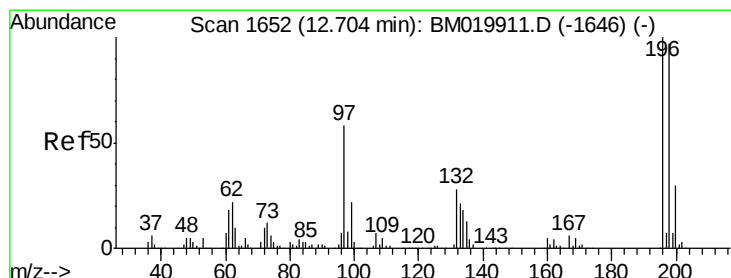
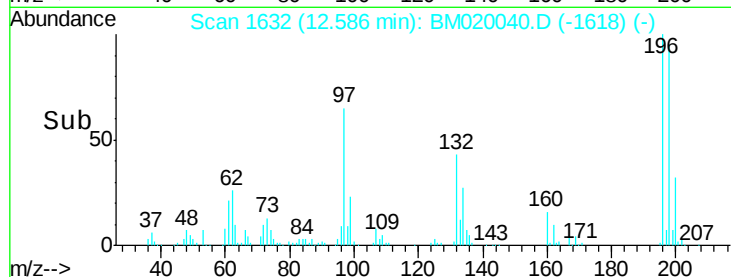
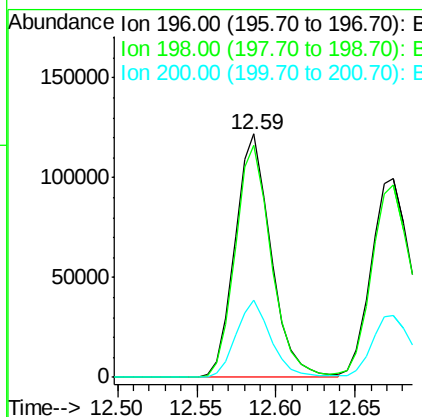
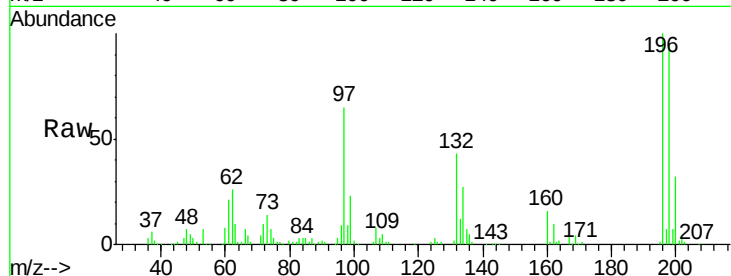




#43
 2,4,6-Trichlorophenol
 Concen: 44.565 ng
 RT: 12.59 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BM020040.D
 Acq: 23 Apr 2019 17:17

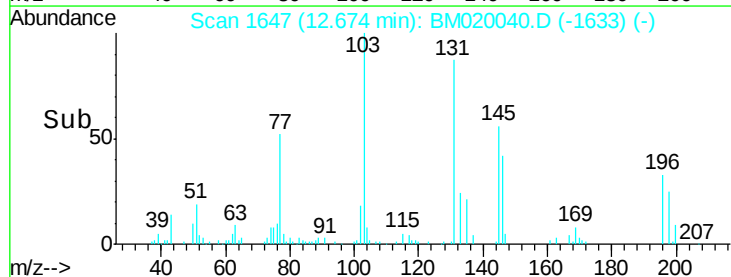
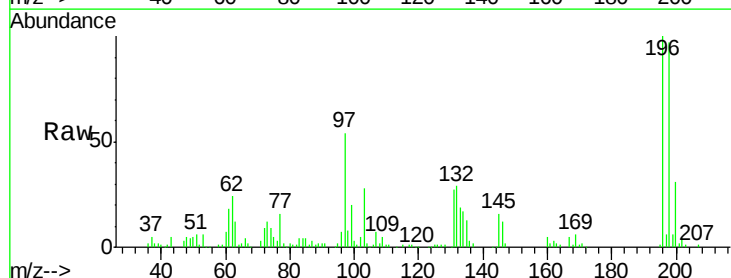
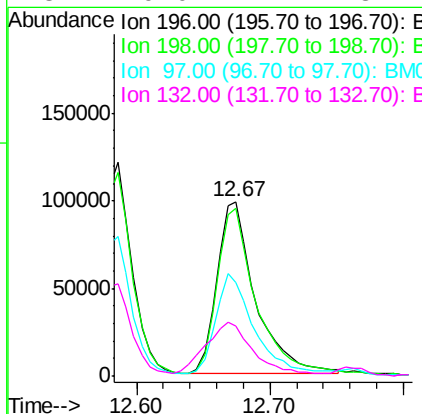
Instrument :
 BNA_M
 ClientSampled :

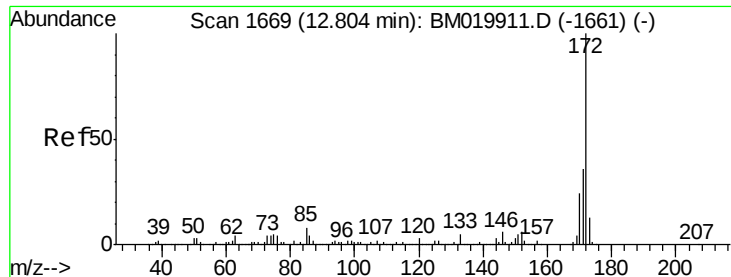
Tot Ion:196 Resp: 192041
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.8 115.2
 200 31.6 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.893 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.02 min
 Lab File: BM020040.D
 Acq: 23 Apr 2019 17:17

Tgt Ion:196 Resp: 196863
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.8 116.8
 97 53.9 46.2 69.2
 132 29.0 22.7 34.1



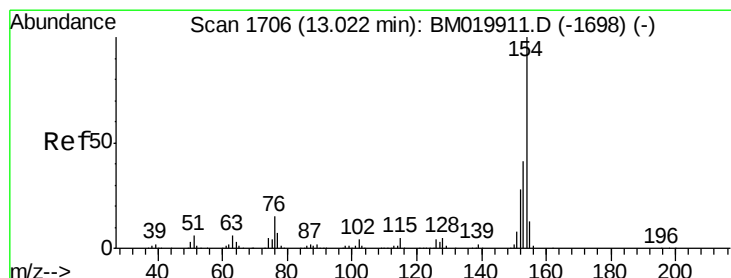
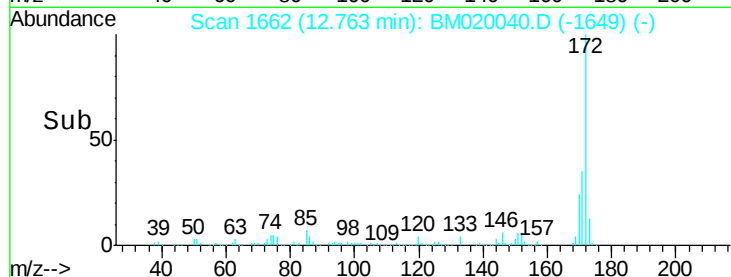
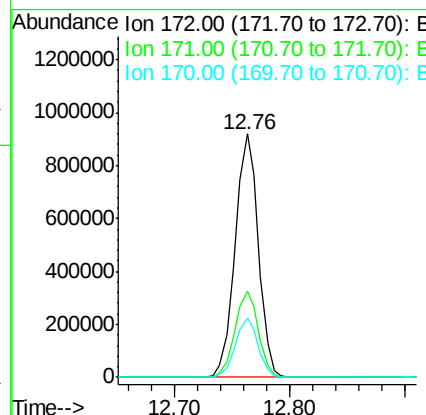
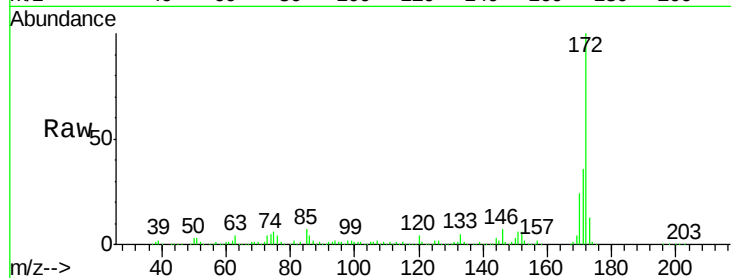


#45
 2-Fluorobiphenyl
 Concen: 77.056 ng
 RT: 12.76 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BM020040.D
 Acq: 23 Apr 2019 17:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1273953

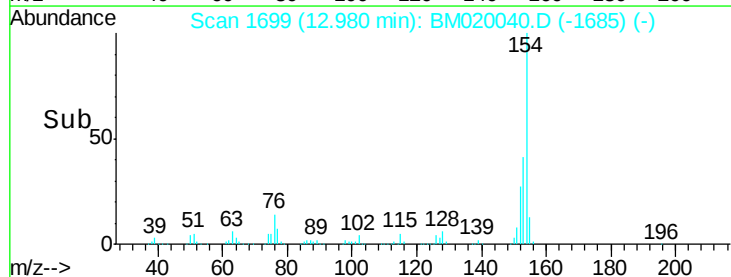
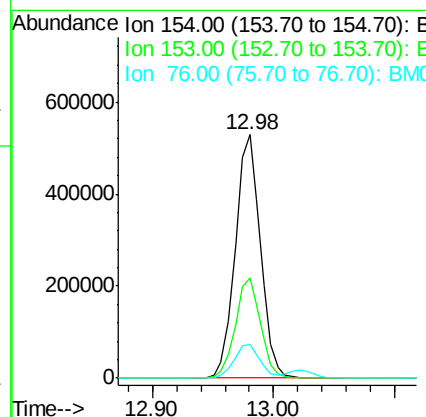
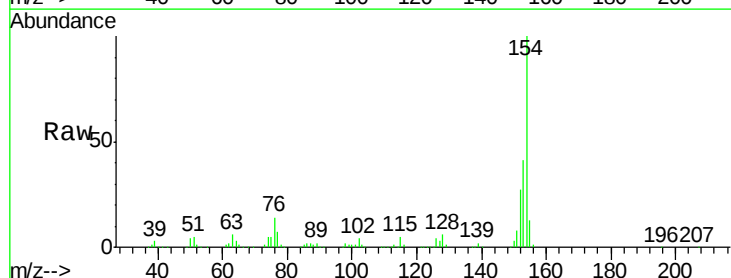
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	24.2	19.0	28.4

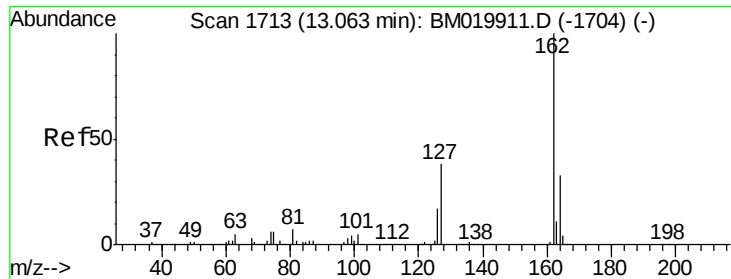


#46
 1,1'-Biphenyl
 Concen: 42.943 ng
 RT: 12.98 min Scan# 1699
 Delta R.T. -0.02 min
 Lab File: BM020040.D
 Acq: 23 Apr 2019 17:17

Tgt Ion:154 Resp: 766340

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.0	61.0
76	14.1	0.0	34.8

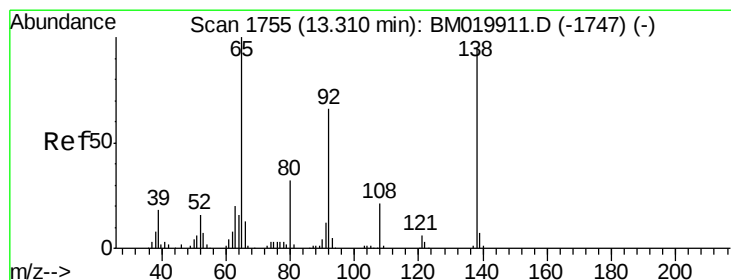
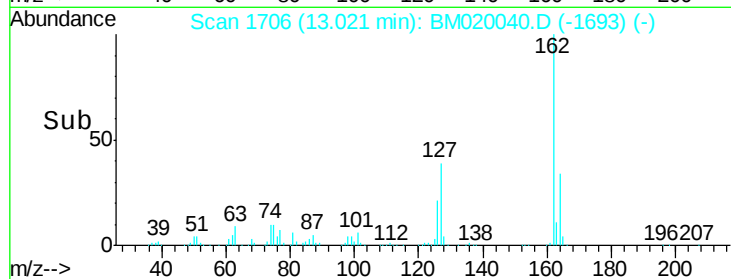
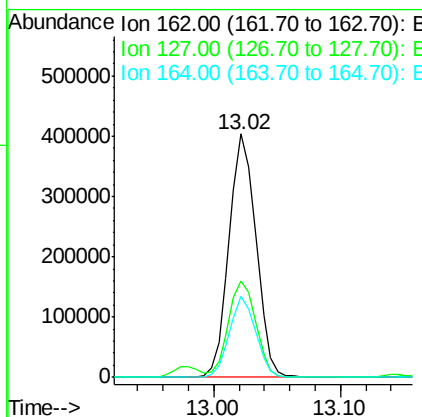
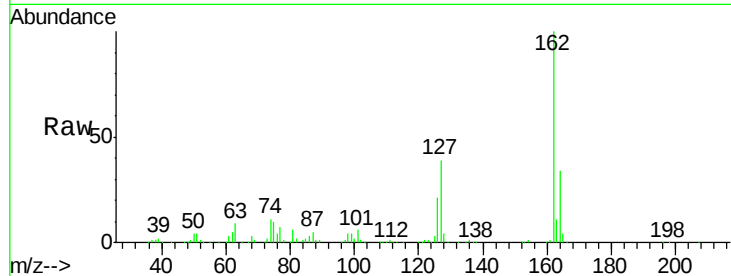




#47
2-Chloronaphthalene
Concen: 43.723 ng
RT: 13.02 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

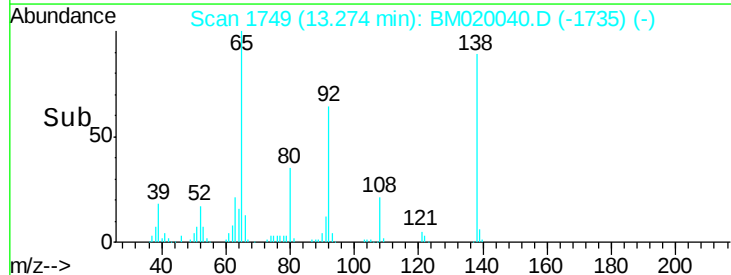
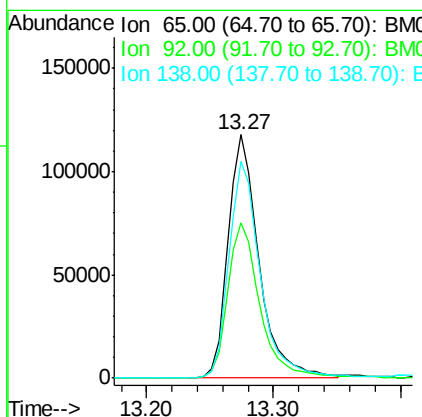
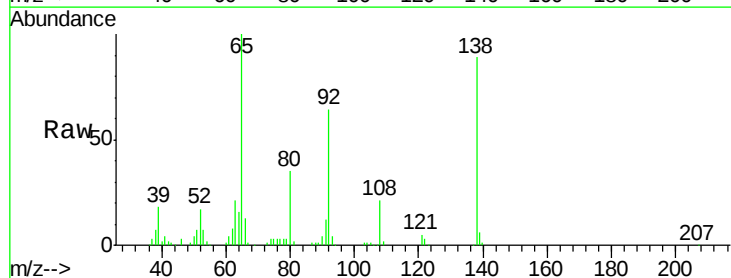
Instrument :
BNA_M
ClientSampleId :

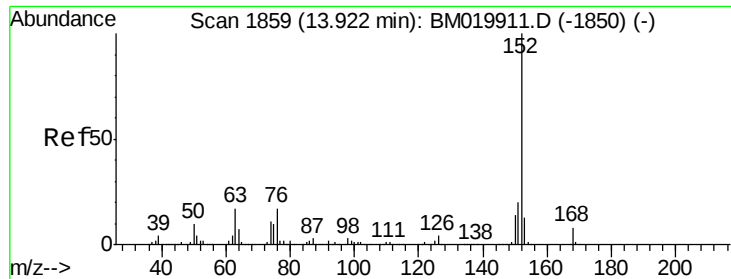
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	32.3	48.5
164	33.5	26.3	39.5



#48
2-Nitroaniline
Concen: 40.587 ng
RT: 13.27 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.8	52.9	79.3
138	88.9	75.8	113.6





#49

Acenaphthylene

Concen: 39.601 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Instrument :

BNA_M

ClientSampleId :

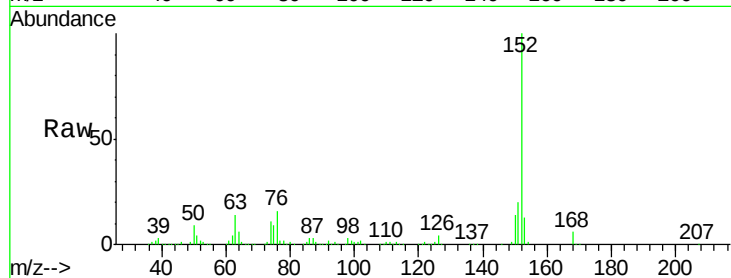
Tot Ion:152 Resp: 937921

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

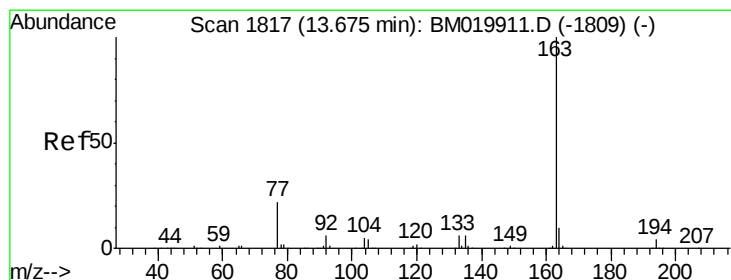
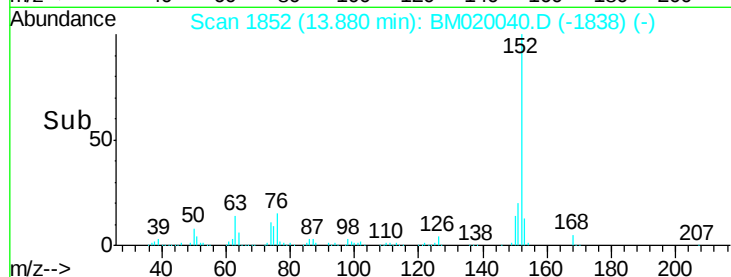
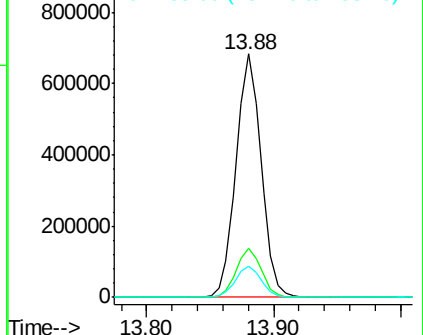
153 12.9 10.6 16.0



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: 41.008 ng

RT: 13.63 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

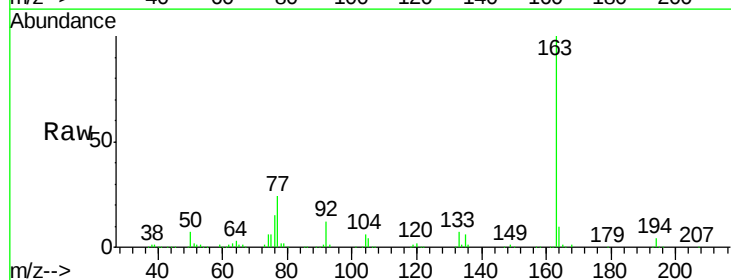
Tgt Ion:163 Resp: 745265

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

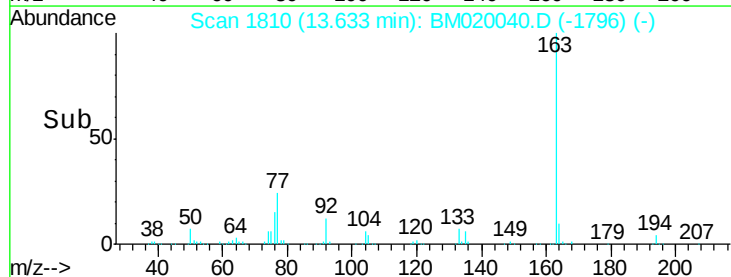
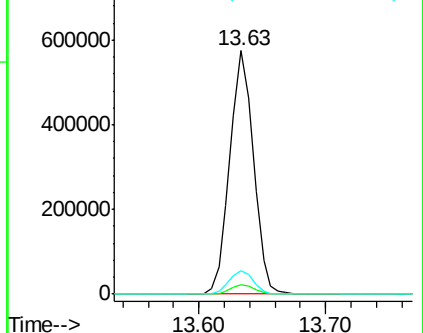
164 9.7 7.9 11.9

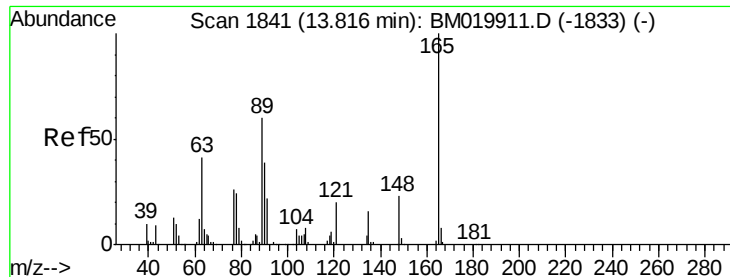


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

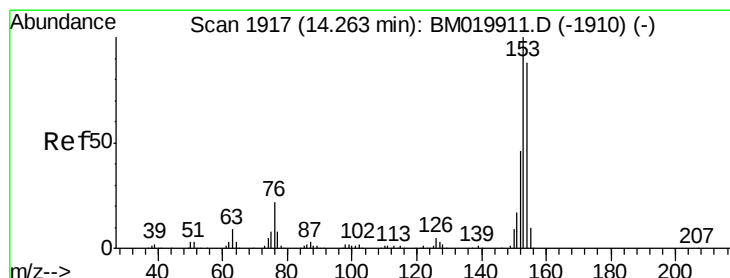
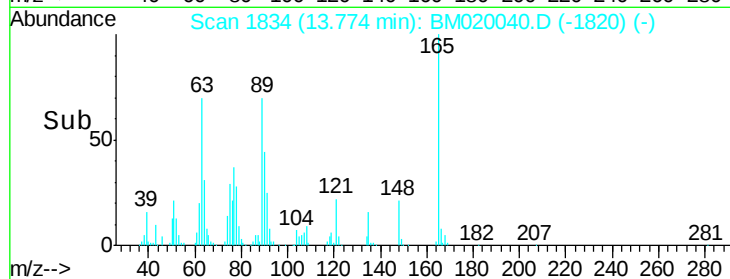
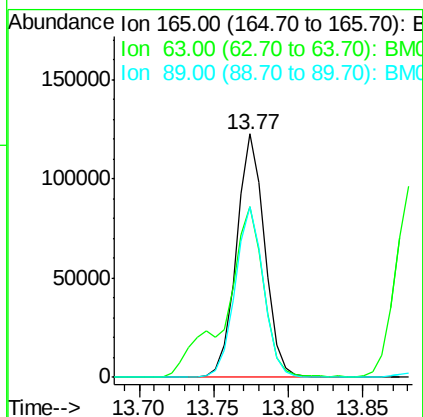
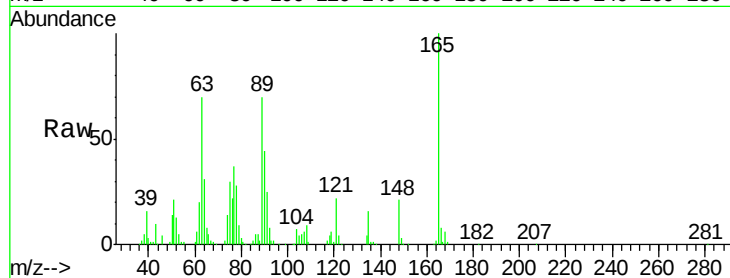




#51
 2,6-Dinitrotoluene
 Concen: 39.976 ng
 RT: 13.77 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BM020040.D
 Acq: 23 Apr 2019 17:17

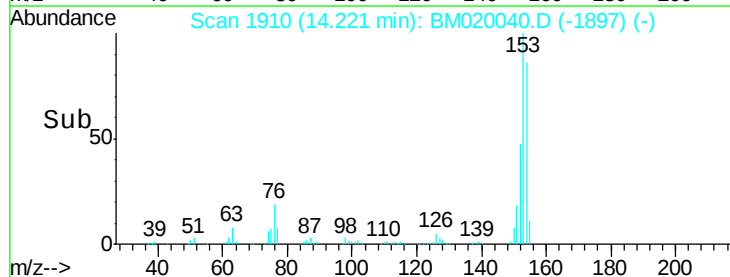
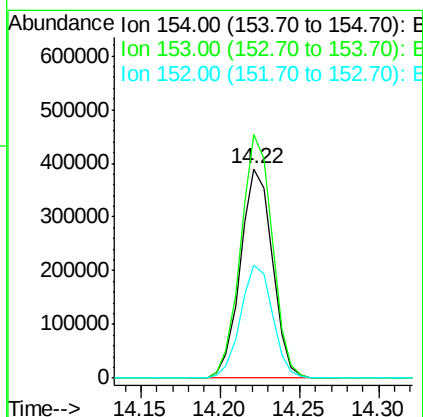
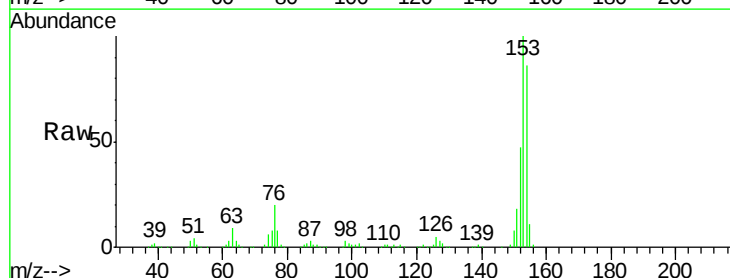
Instrument :
 BNA_M
 ClientSampleId :

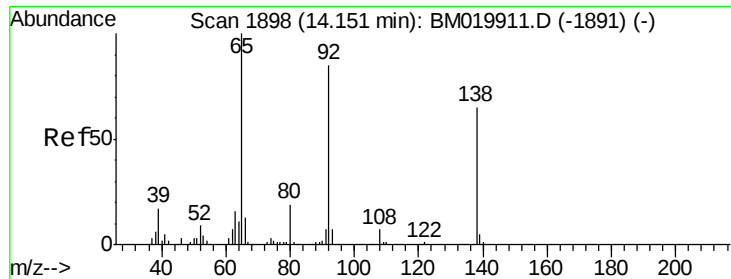
Tot Ion	Ratio	Lower	Upper
165	100		
63	70.1	48.5	72.7
89	69.9	48.2	72.4



#52
 Acenaphthene
 Concen: 41.569 ng
 RT: 14.22 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BM020040.D
 Acq: 23 Apr 2019 17:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.3	91.0	136.4
152	54.3	42.2	63.2

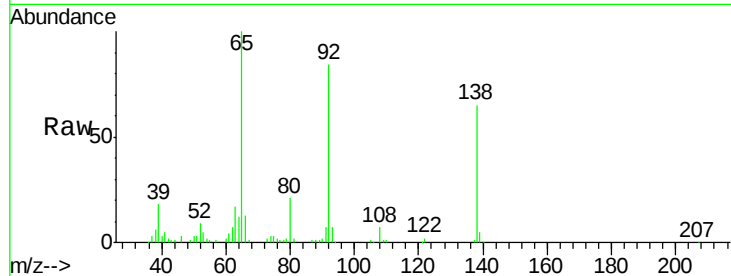




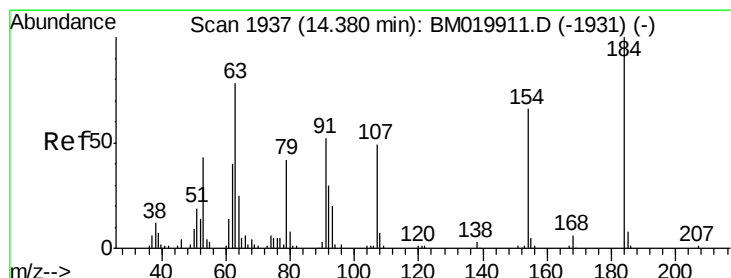
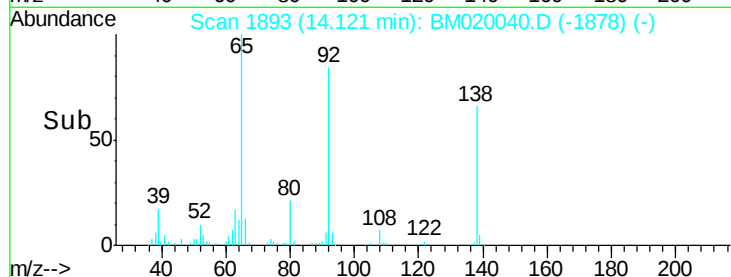
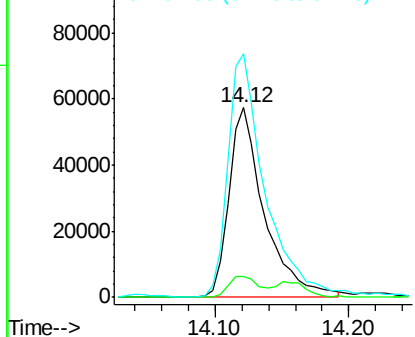
#53
3-Nitroaniline
Concen: 26.473 ng
RT: 14.12 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 106232
Ion Ratio Lower Upper
138 100
108 10.8 8.9 13.3
92 128.4 103.8 155.8

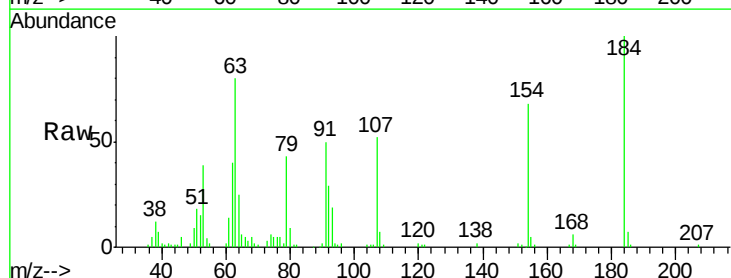


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM0

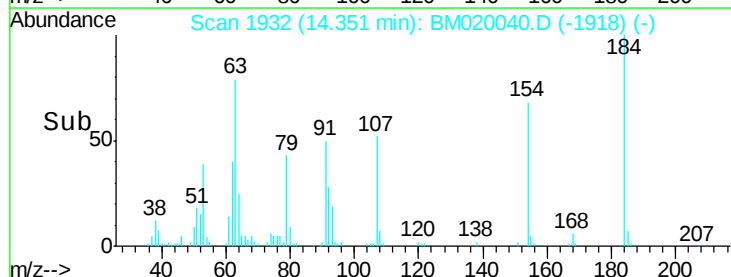
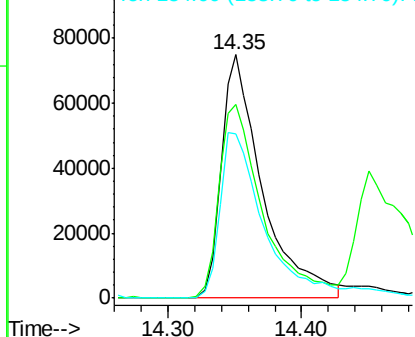


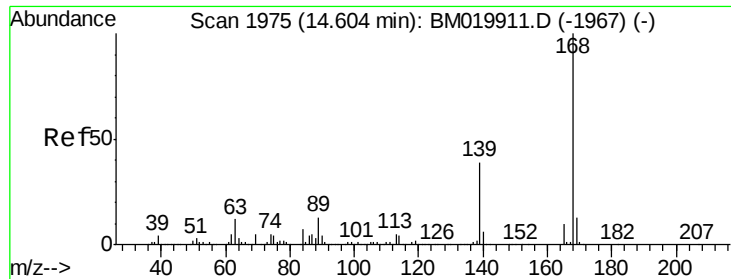
#54
2,4-Dinitrophenol
Concen: 68.112 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Tgt Ion:184 Resp: 160515
Ion Ratio Lower Upper
184 100
63 79.8 62.3 93.5
154 67.7 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

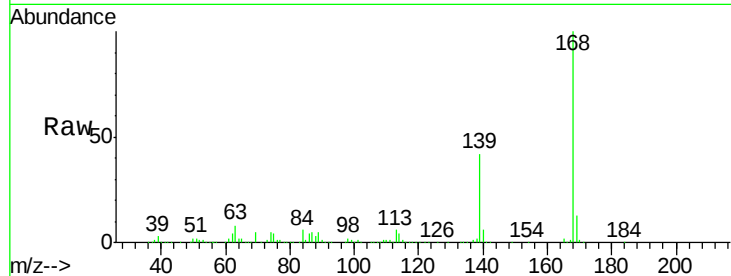




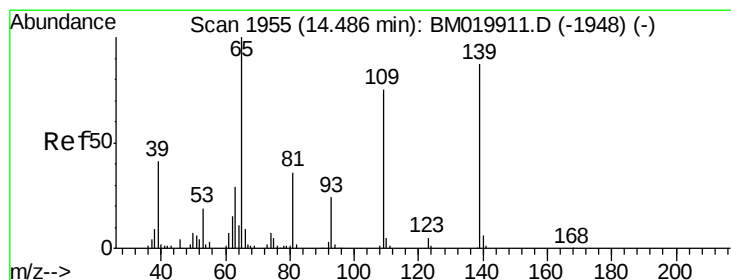
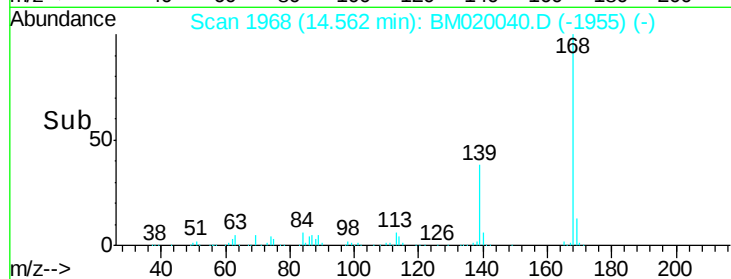
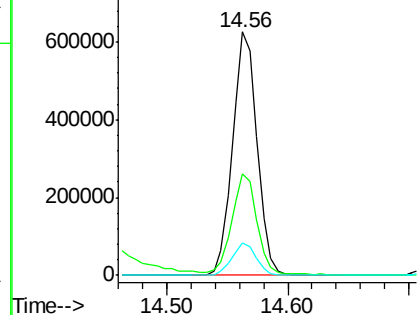
#55
Dibenzenofuran
Concen: 41.034 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.8	31.5	47.3
169	13.3	10.6	16.0

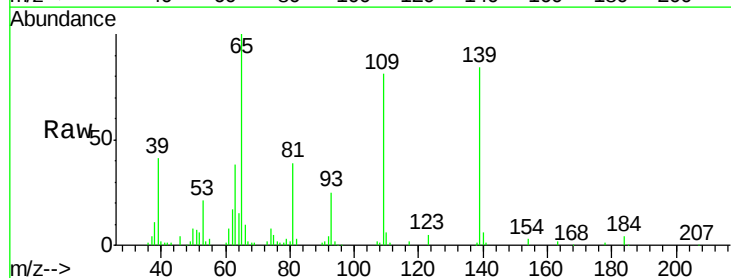


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

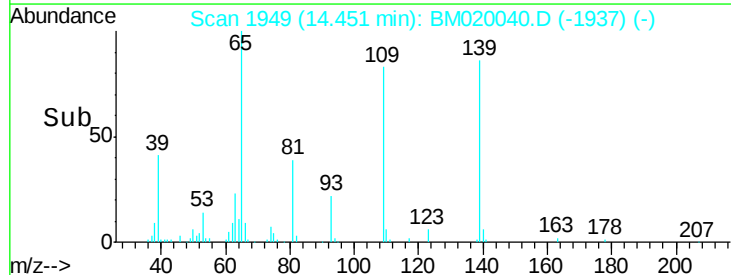
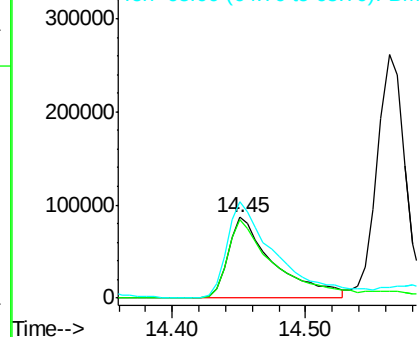


#56
4-Nitrophenol
Concen: 66.545 ng
RT: 14.45 min Scan# 1949
Delta R.T. -0.03 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.6	65.3	105.3
65	118.8	94.9	134.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

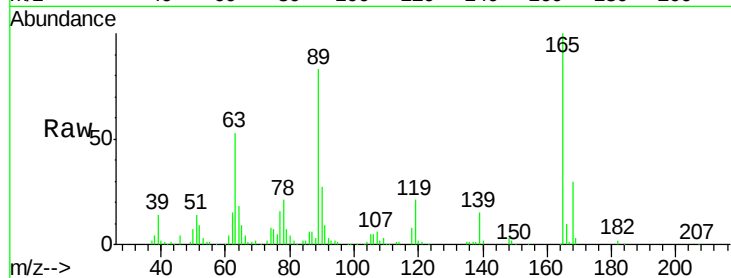




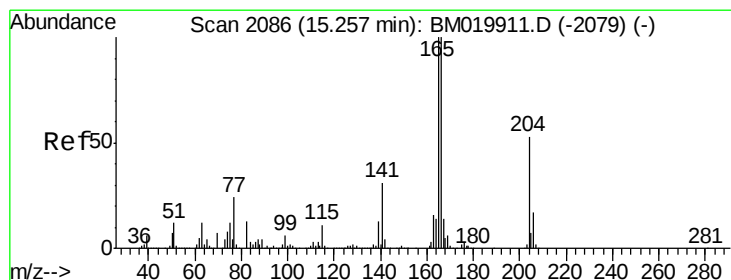
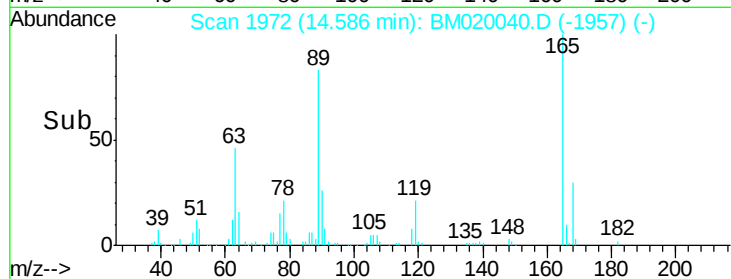
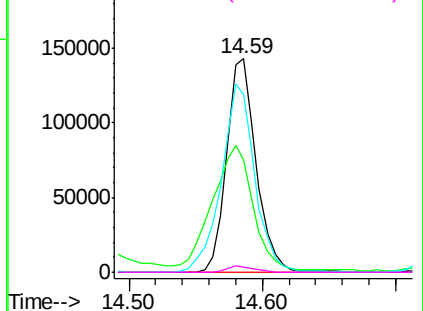
#57
 2,4-Dinitrotoluene
 Concen: 38.254 ng
 RT: 14.59 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BM020040.D
 Acq: 23 Apr 2019 17:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	165	Resp:	220982
Ion	Ratio	Lower	Upper
165	100		
63	52.6	46.0	69.0
89	83.3	67.5	101.3
182	2.3	2.4	3.6#

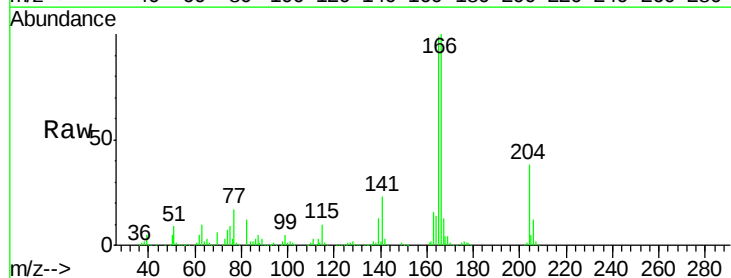


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

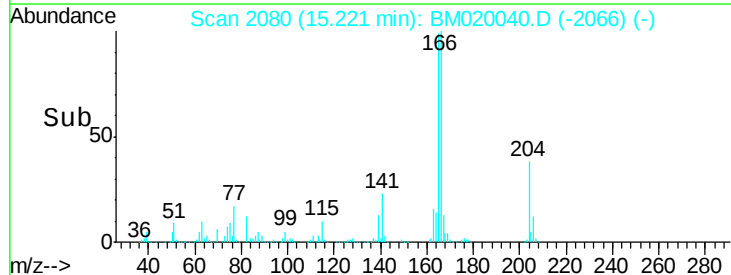
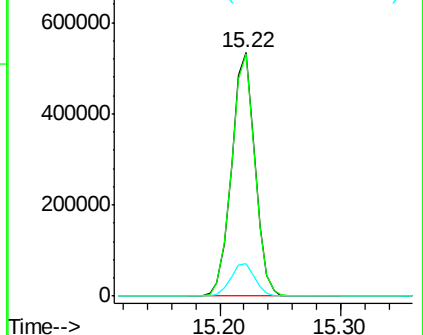


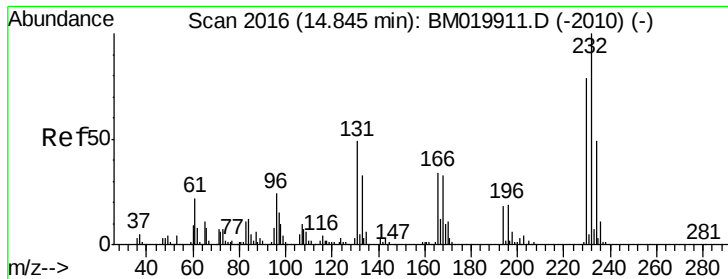
#58
 Fluorene
 Concen: 39.590 ng
 RT: 15.22 min Scan# 2080
 Delta R.T. -0.02 min
 Lab File: BM020040.D
 Acq: 23 Apr 2019 17:17

Tgt Ion:	166	Resp:	720383
Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.1	120.1
167	13.4	11.0	16.4



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

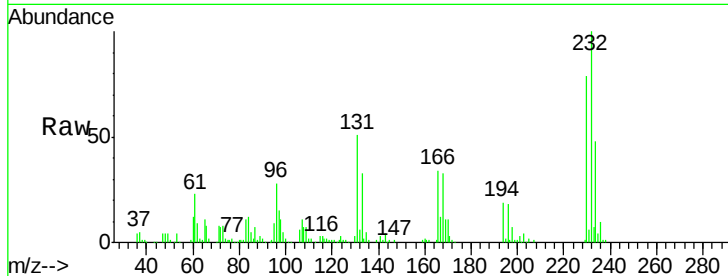




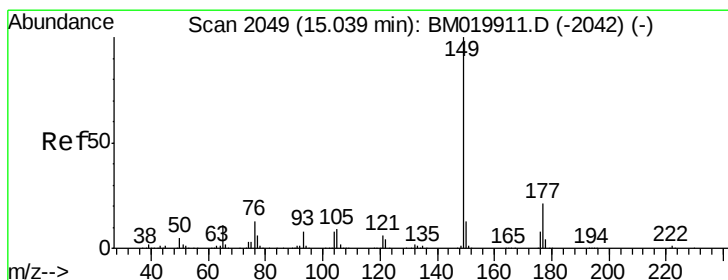
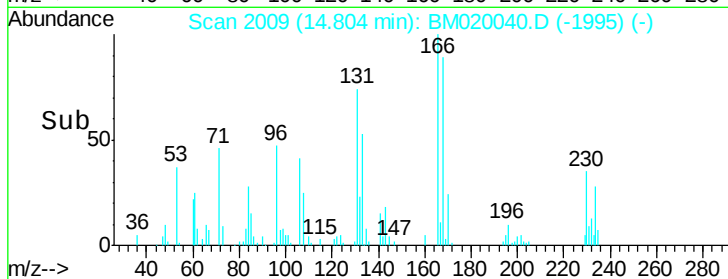
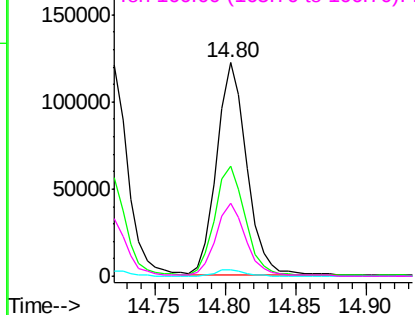
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.577 ng
 RT: 14.80 min Scan# 2009
 Delta R.T. -0.02 min
 Lab File: BM020040.D
 Acq: 23 Apr 2019 17:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	232	Resp:	178334
Ion	Ratio	Lower	Upper
232	100		
131	52.3	42.1	63.1
130	3.0	2.2	3.4
166	35.7	28.1	42.1

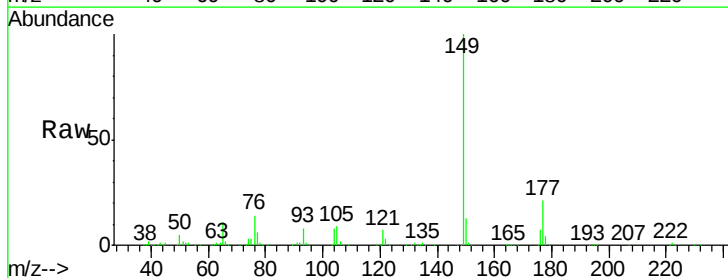


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

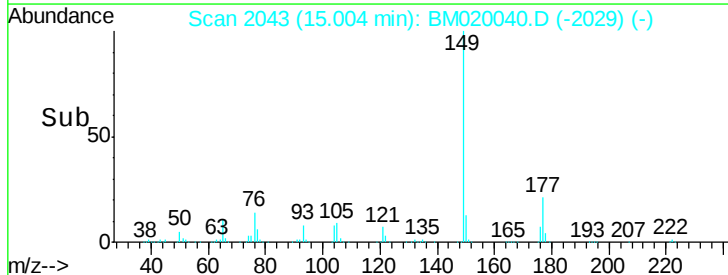
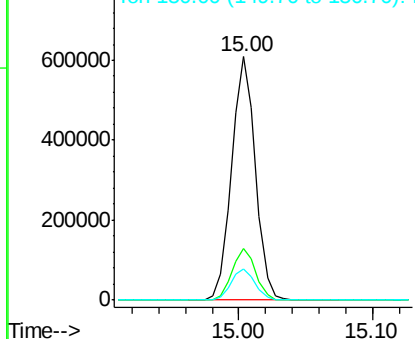


#60
 Diethylphthalate
 Concen: 40.045 ng
 RT: 15.00 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BM020040.D
 Acq: 23 Apr 2019 17:17

Tgt Ion:	149	Resp:	756913
Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.6	25.0
150	12.6	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

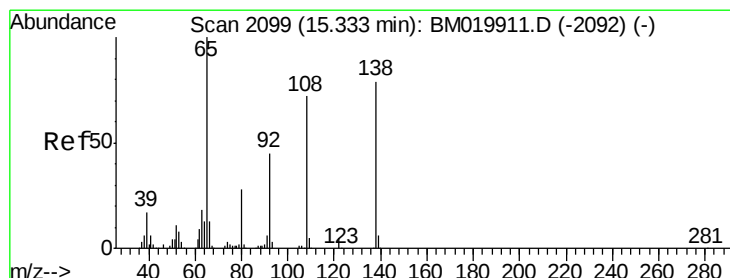
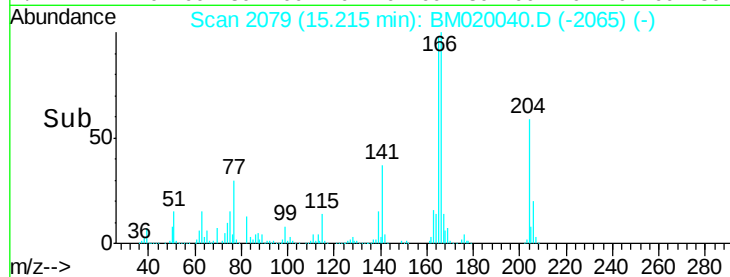
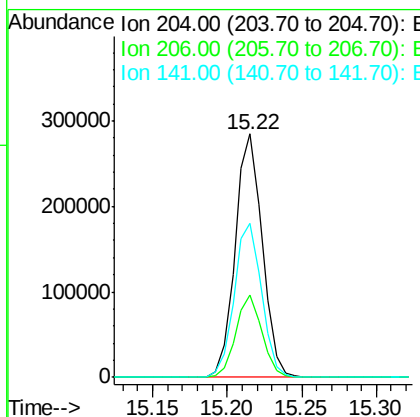
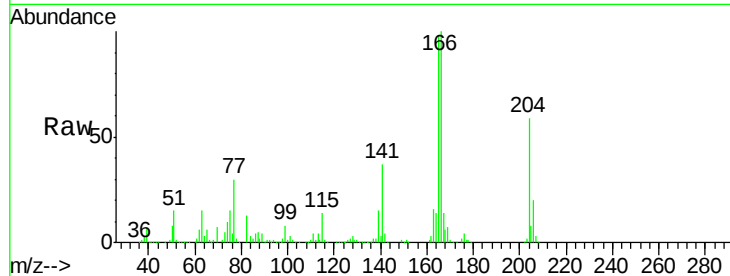




#61
 4-Chlorophenyl-phenylether
 Concen: 41.050 ng
 RT: 15.22 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BM020040.D
 Acq: 23 Apr 2019 17:17

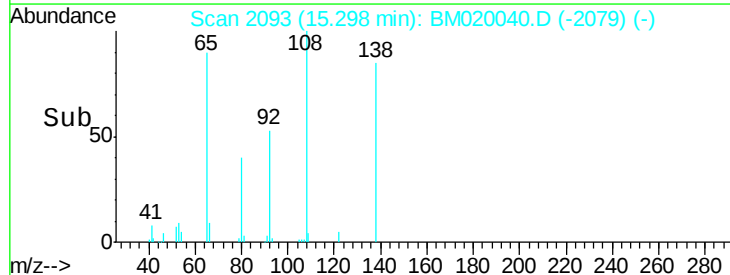
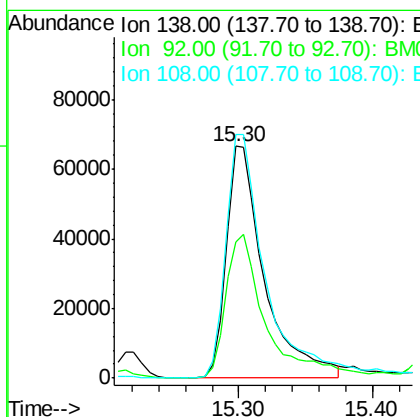
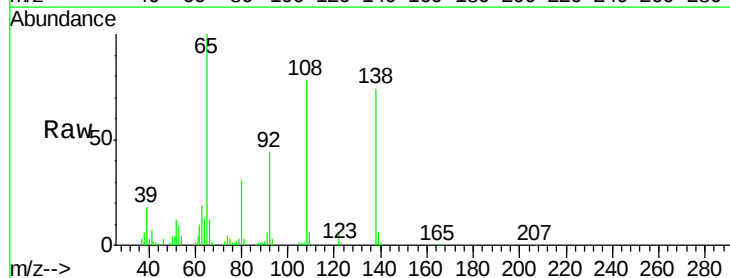
Instrument :
 BNA_M
 ClientSampled :

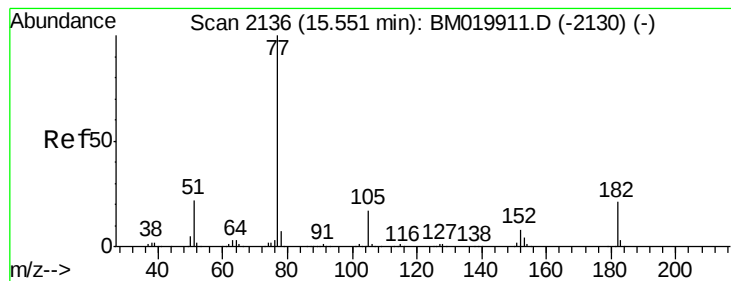
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	25.8	38.8
141	63.1	47.0	70.4



#62
 4-Nitroaniline
 Concen: 33.743 ng
 RT: 15.30 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BM020040.D
 Acq: 23 Apr 2019 17:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.7	36.8	76.8
108	105.0	71.5	111.5





#63

Azobenzene

Concen: 41.428 ng

RT: 15.51 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Instrument :

BNA_M

ClientSampled :

Tot Ion: 77 Resp: 836918

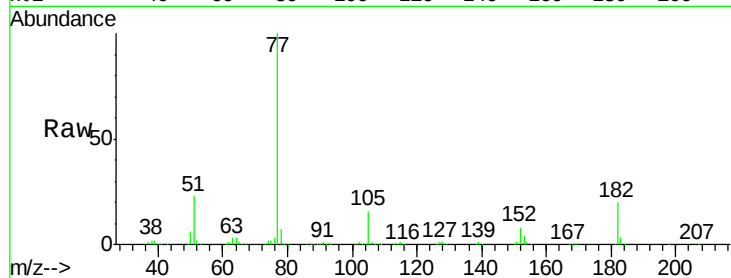
Ion Ratio Lower Upper

77 100

182 19.7 1.0 41.0

105 16.3 0.0 37.1

51 22.6 2.1 42.1

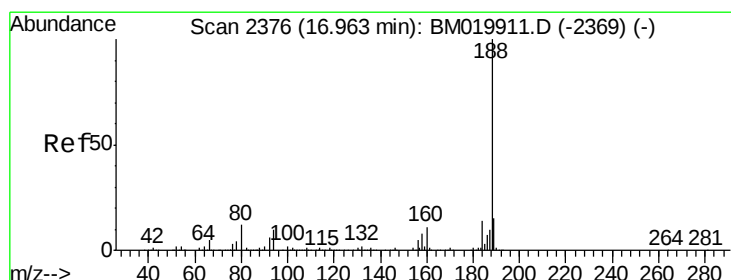
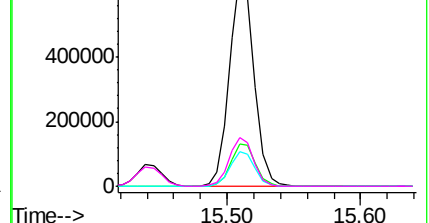
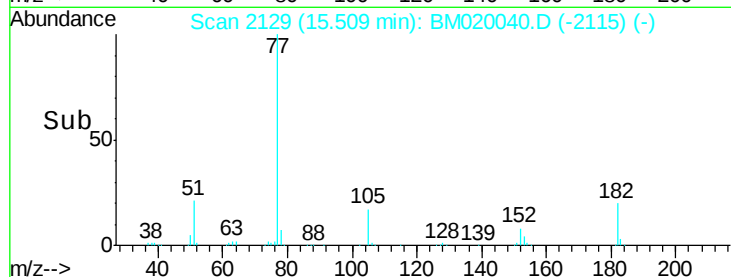


Abundance Ion 77.00 (76.70 to 77.70): BM020040.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): BM020040.D (-2130) (-)

Ion 105.00 (104.70 to 105.70): BM020040.D (-2130) (-)

Ion 51.00 (50.70 to 51.70): BM020040.D (-2130) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.93 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

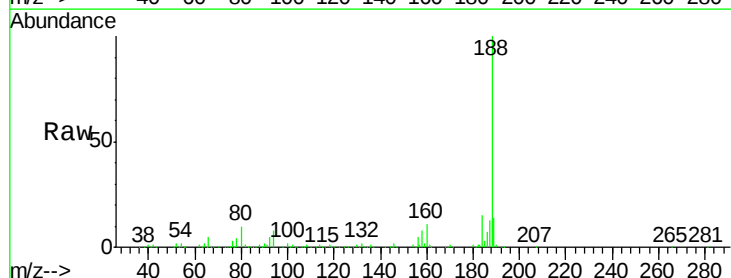
Tgt Ion: 188 Resp: 436659

Ion Ratio Lower Upper

188 100

94 8.2 7.6 11.4

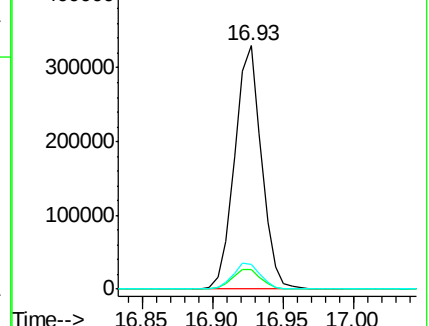
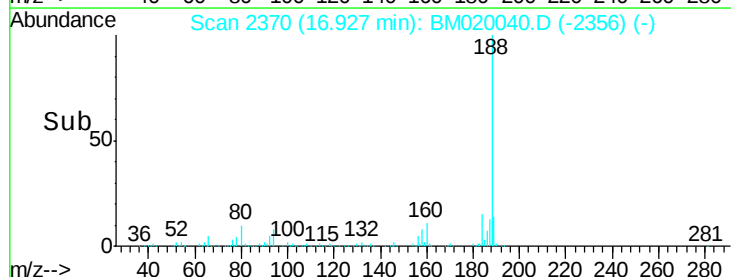
80 10.2 9.4 14.0

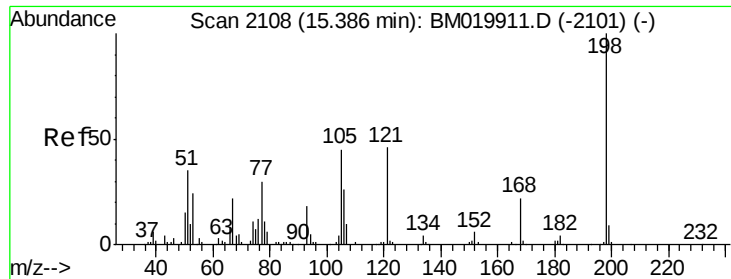


Abundance Ion 188.00 (187.70 to 188.70): BM020040.D (-2369) (-)

Ion 94.00 (93.70 to 94.70): BM020040.D (-2369) (-)

Ion 80.00 (79.70 to 80.70): BM020040.D (-2369) (-)

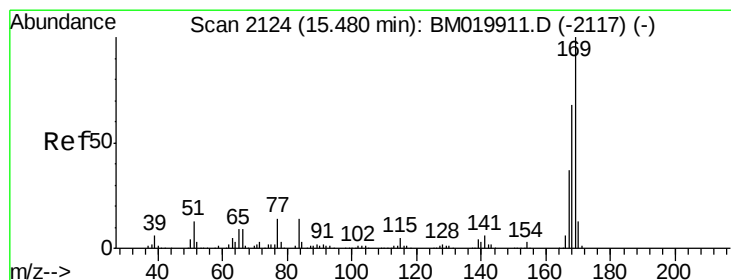
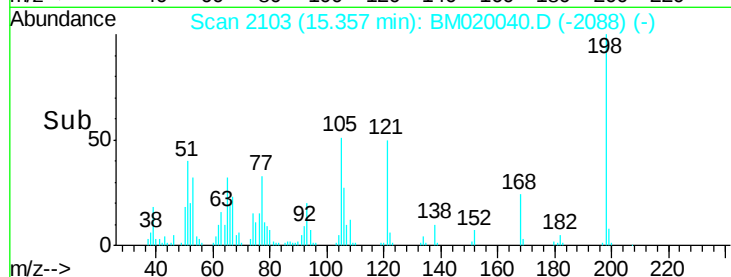
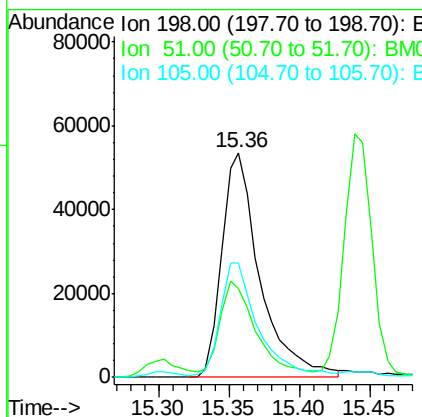
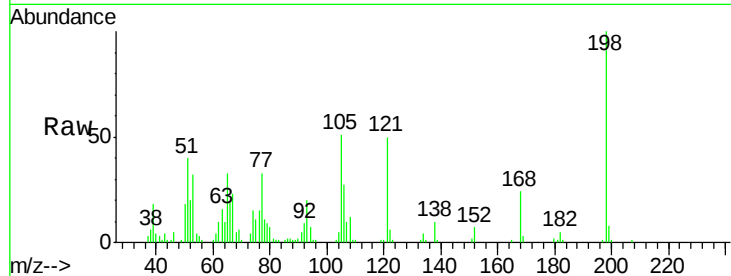




#65
4,6-Dinitro-2-methylphenol
Concen: 36.205 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

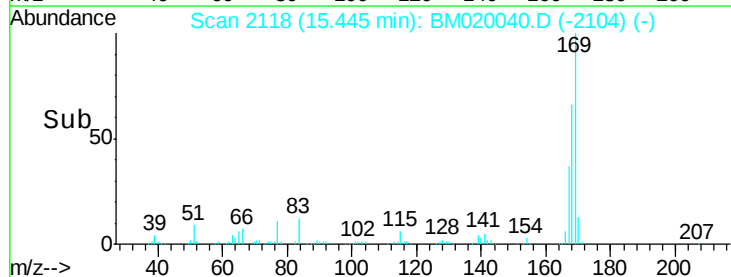
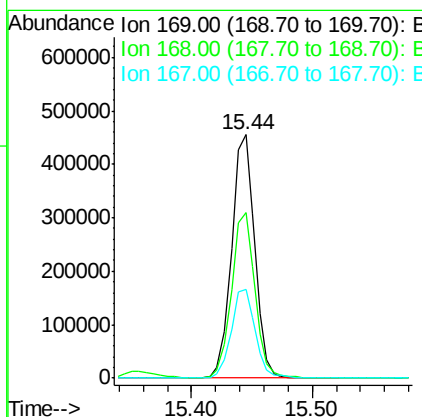
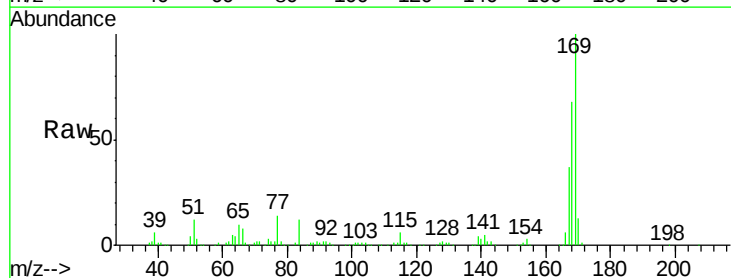
Instrument :
BNA_M
ClientSampled :

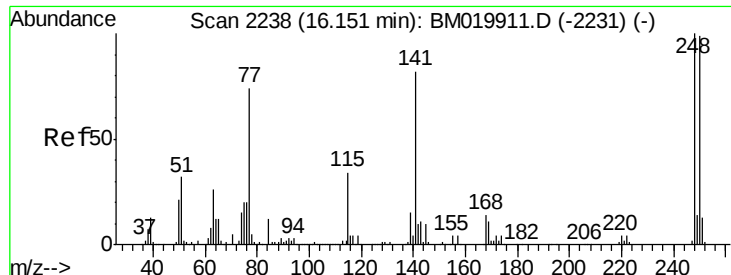
Tot Ion	198	Resp	100869
Ion Ratio	100	Lower	Upper
51	39.7	17.9	57.9
105	50.9	26.1	66.1



#66
n-Nitrosodiphenylamine
Concen: 42.371 ng
RT: 15.44 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Tgt Ion	169	Resp	604864
Ion Ratio	100	Lower	Upper
168	68.1	54.7	82.1
167	36.5	29.4	44.0

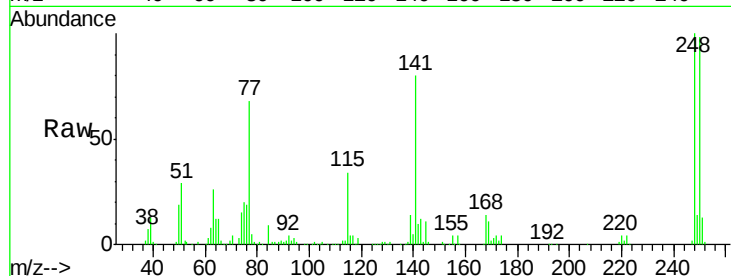




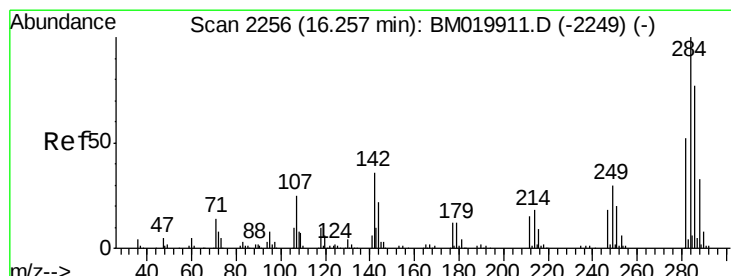
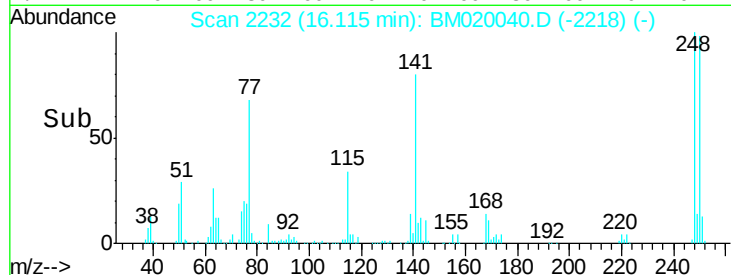
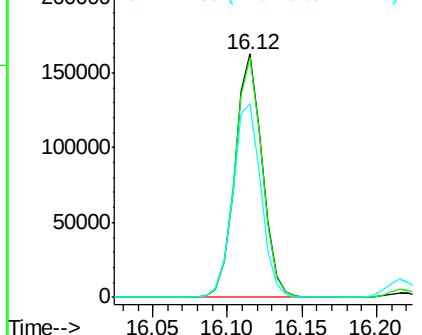
#67
4-Bromophenyl-phenylether
Concen: 41.179 ng
RT: 16.12 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 206729
Ion Ratio Lower Upper
248 100
250 98.2 78.9 118.3
141 79.8 65.6 98.4

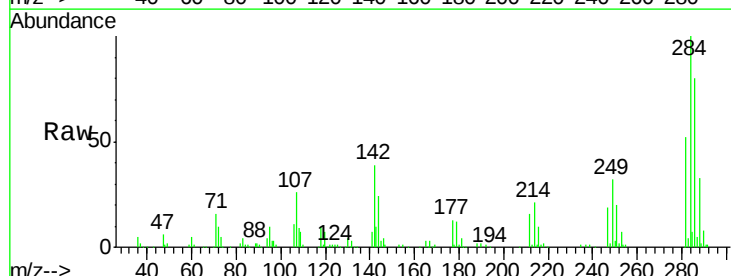


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

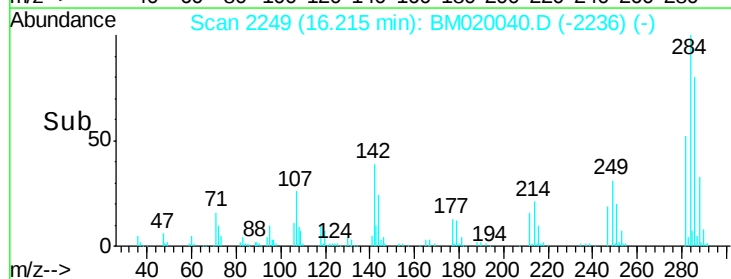
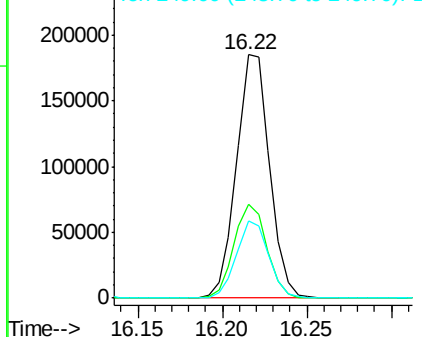


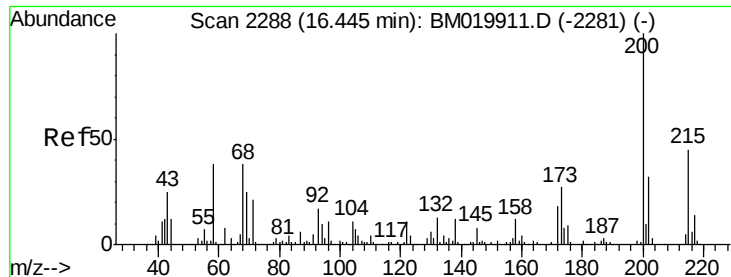
#68
Hexachlorobenzene
Concen: 41.888 ng
RT: 16.22 min Scan# 2249
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Tgt Ion:284 Resp: 252323
Ion Ratio Lower Upper
284 100
142 38.7 28.9 43.3
249 31.7 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

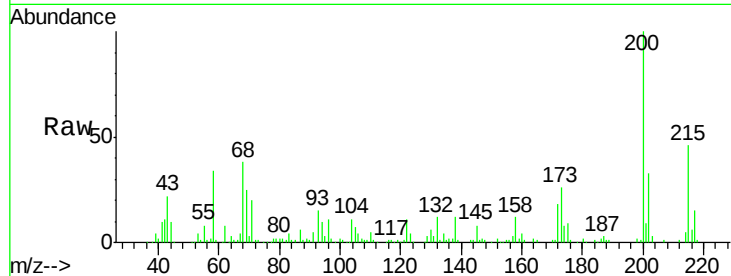




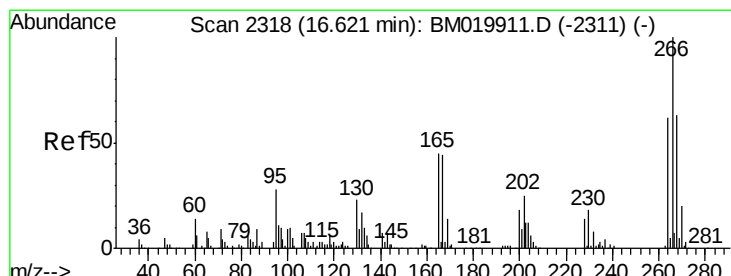
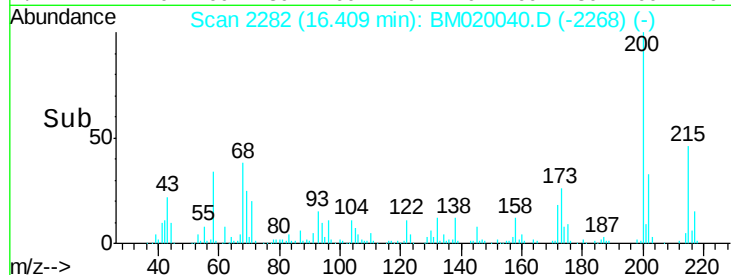
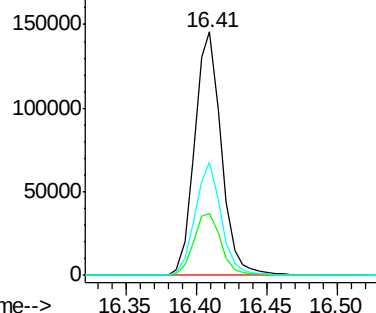
#69
 Atrazine
 Concen: 39.561 ng
 RT: 16.41 min Scan# 2282
 Delta R.T. -0.02 min
 Lab File: BM020040.D
 Acq: 23 Apr 2019 17:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	7.2	47.2
215	46.4	25.4	65.4

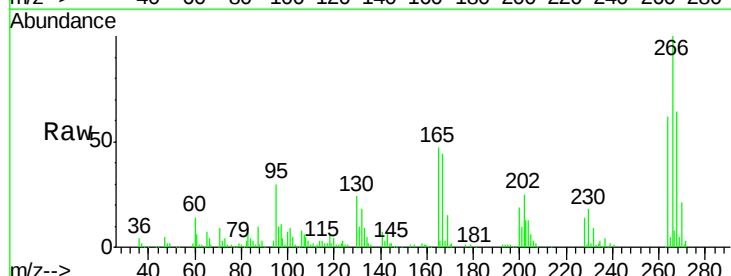


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

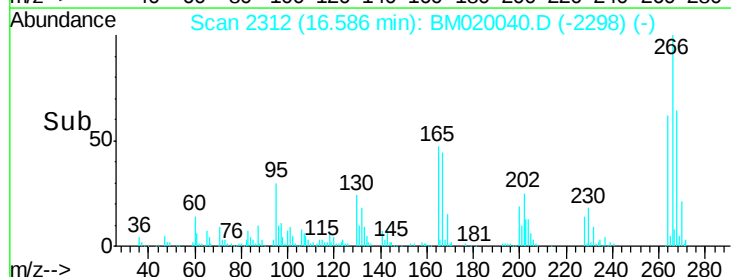
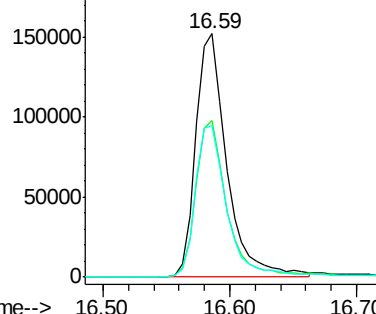


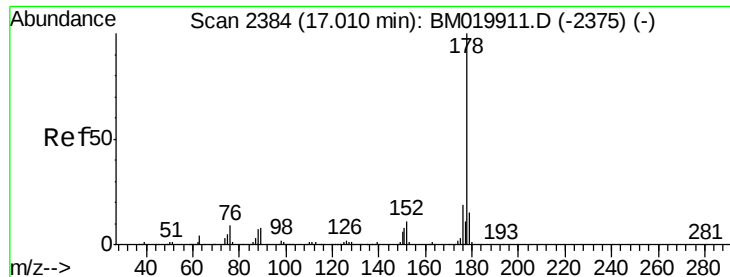
#70
 Pentachlorophenol
 Concen: 83.741 ng
 RT: 16.59 min Scan# 2312
 Delta R.T. -0.02 min
 Lab File: BM020040.D
 Acq: 23 Apr 2019 17:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.3	75.5
264	62.0	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

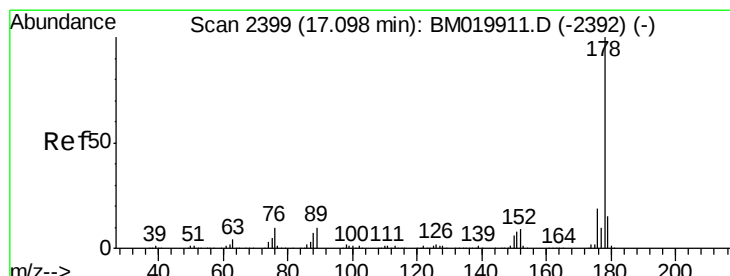
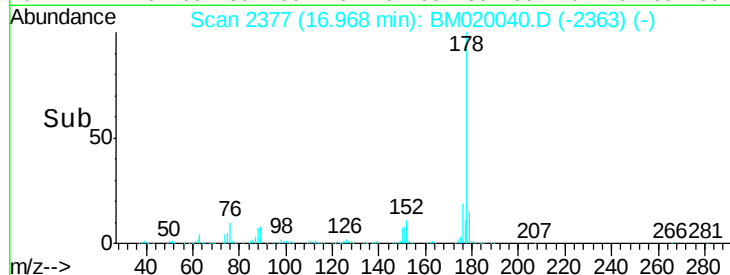
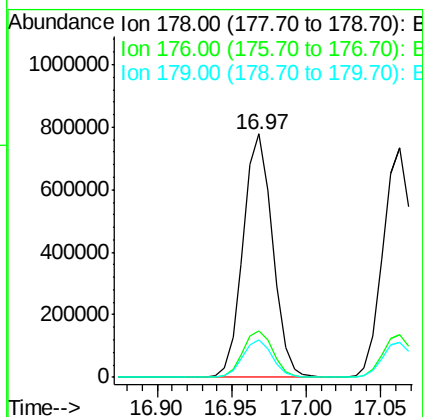
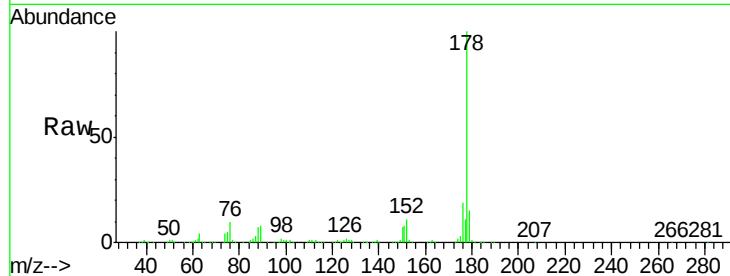




#71
Phenanthrene
Concen: 41.027 ng
RT: 16.97 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

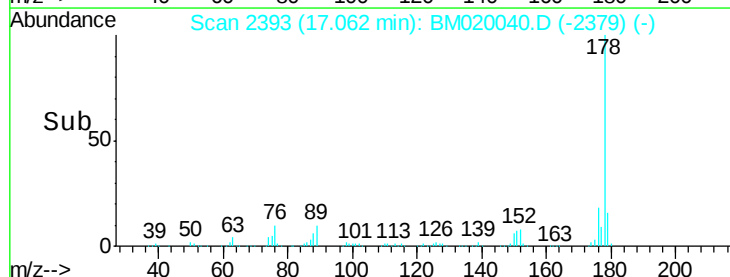
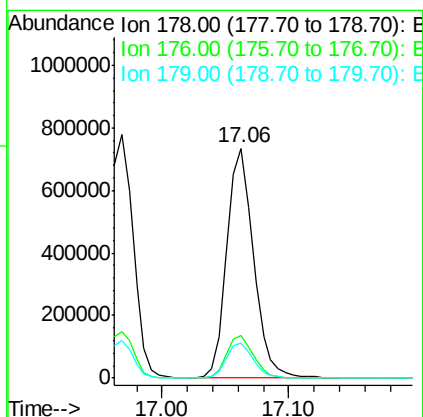
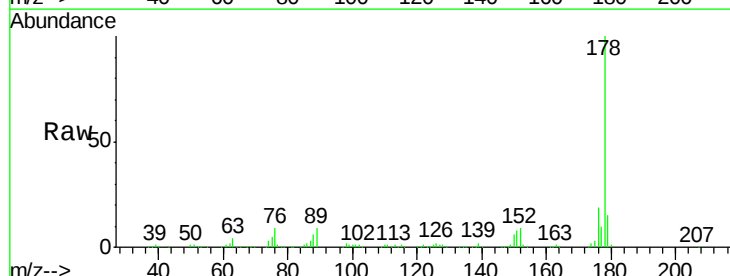
Instrument :
BNA_M
ClientSampleId :

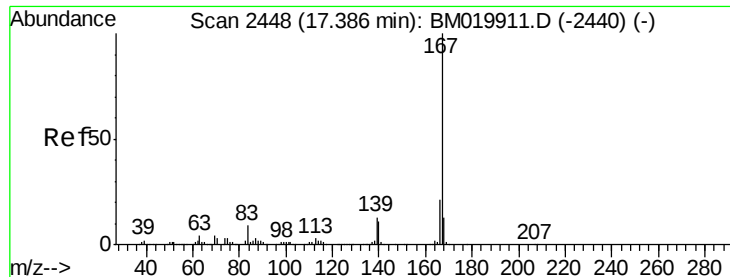
Tot Ion:178 Resp: 1063107
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.3 12.2 18.4



#72
Anthracene
Concen: 41.231 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Tgt Ion:178 Resp: 1063521
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.2 12.2 18.4

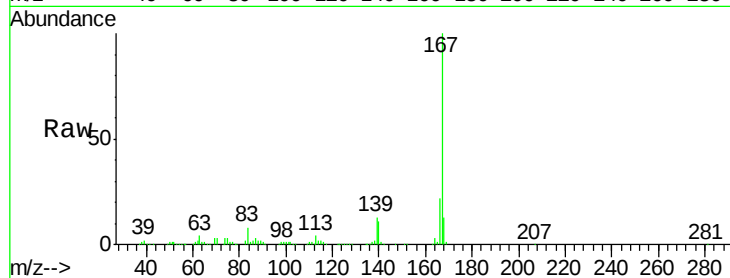




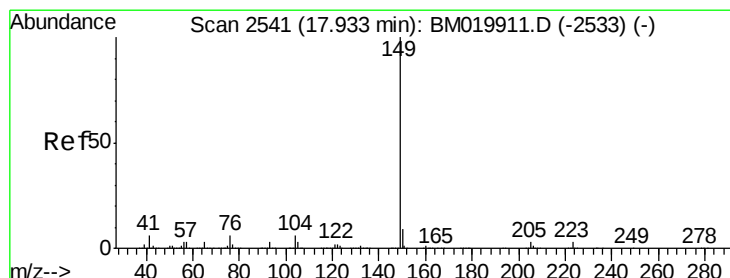
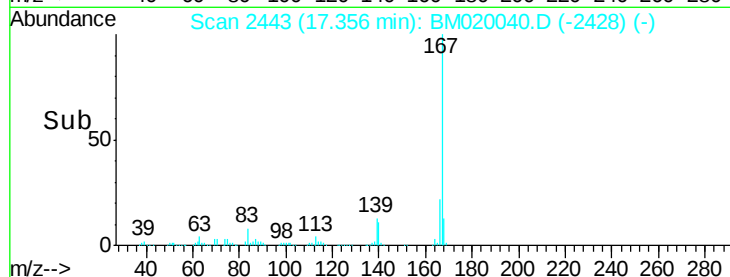
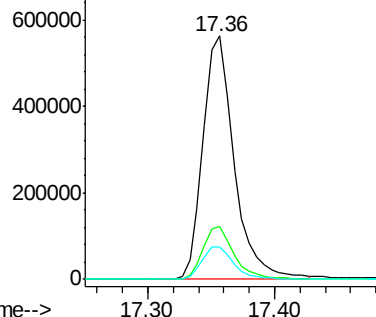
#73
 Carbazole
 Concen: 39.862 ng
 RT: 17.36 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BM020040.D
 Acq: 23 Apr 2019 17:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	13.3	10.7	16.1

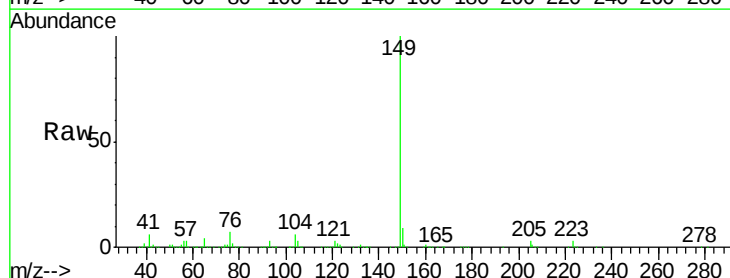


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

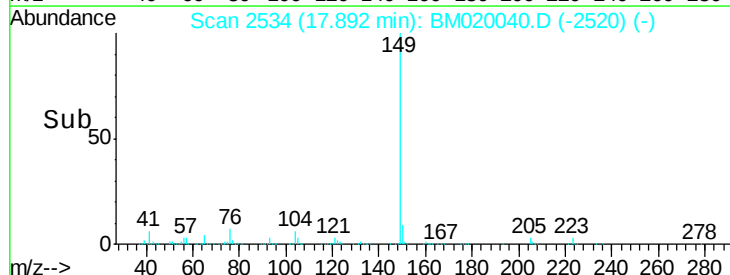
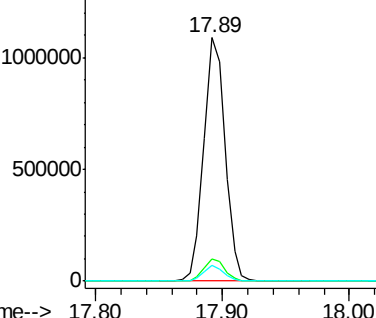


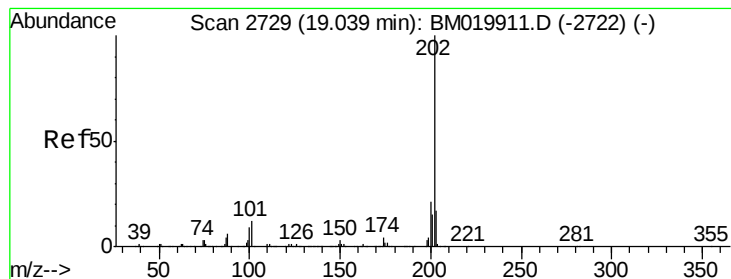
#74
 Di-n-butylphthalate
 Concen: 40.063 ng
 RT: 17.89 min Scan# 2534
 Delta R.T. -0.02 min
 Lab File: BM020040.D
 Acq: 23 Apr 2019 17:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	6.3	4.6	7.0



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





#75

Fluoranthene

Concen: 41.461 ng

RT: 19.00 min Scan# 2723

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Instrument :

BNA_M

ClientSampleId :

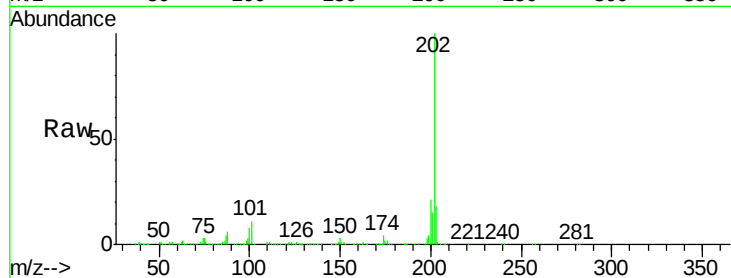
Tot Ion:202 Resp: 1236403

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.7

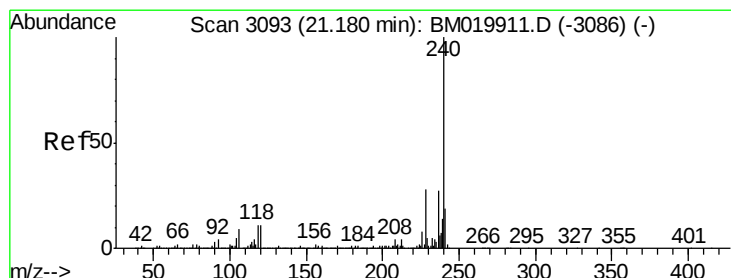
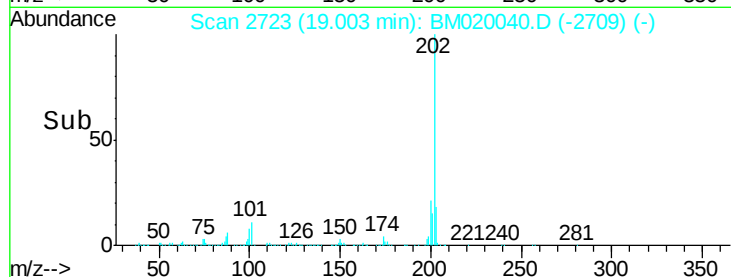
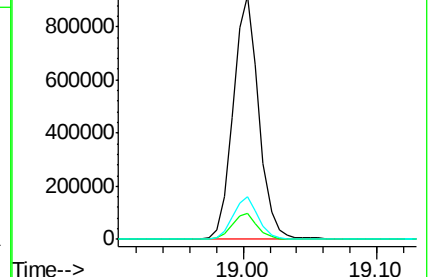
203 17.5 0.0 37.4



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: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

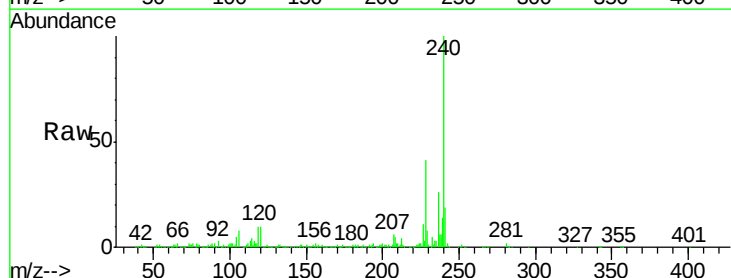
Tgt Ion:240 Resp: 532425

Ion Ratio Lower Upper

240 100

120 10.1 8.6 13.0

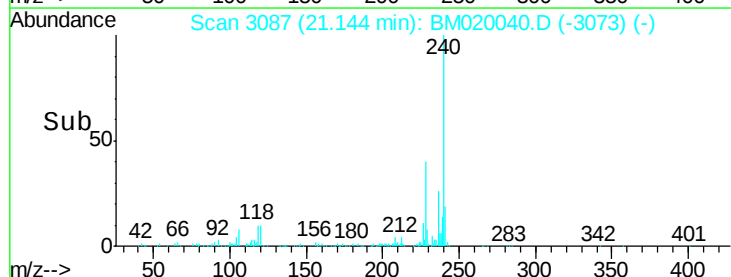
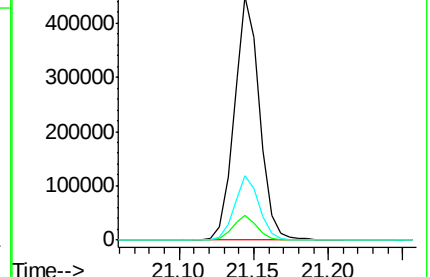
236 26.4 21.4 32.2

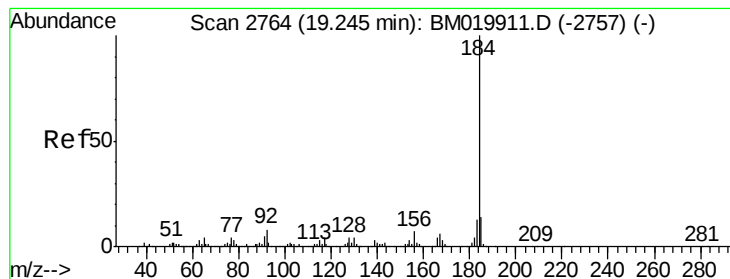


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.538 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Instrument :

BNA_M

ClientSampled :

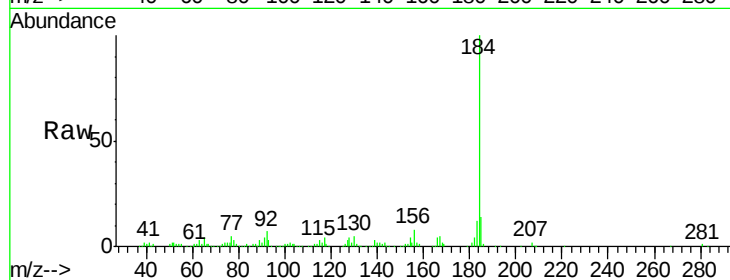
Tot Ion:184 Resp: 375167

Ion Ratio Lower Upper

184 100

185 14.0 11.0 16.6

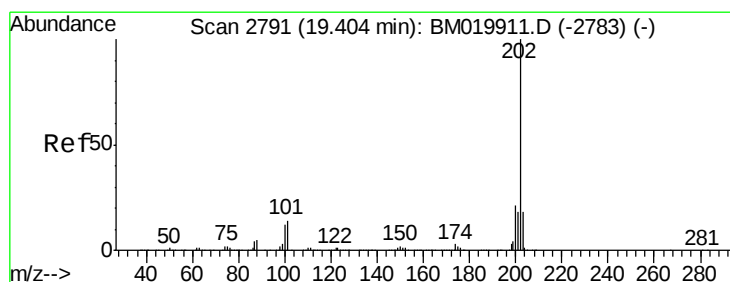
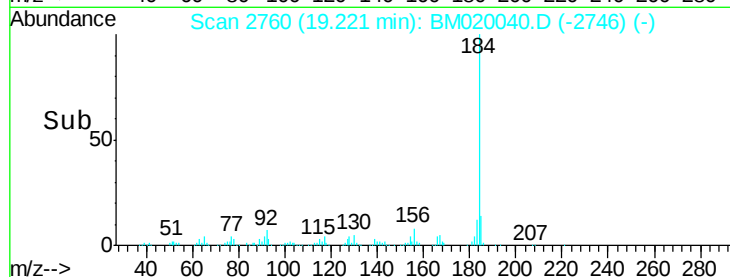
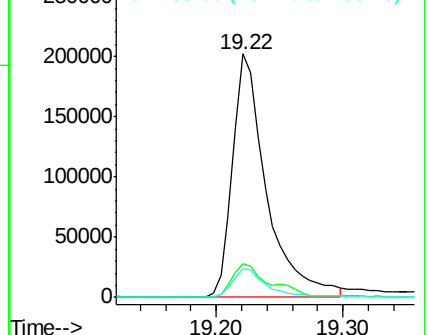
183 11.8 10.1 15.1



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: 36.328 ng

RT: 19.37 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

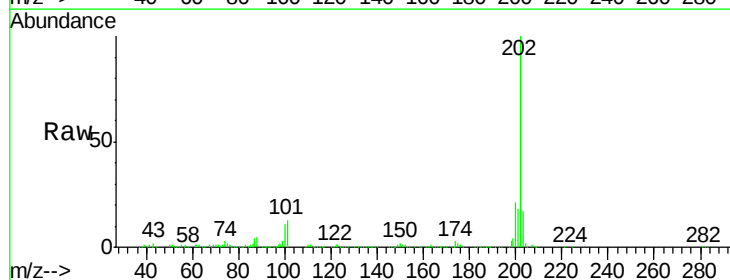
Tgt Ion:202 Resp: 1280862

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

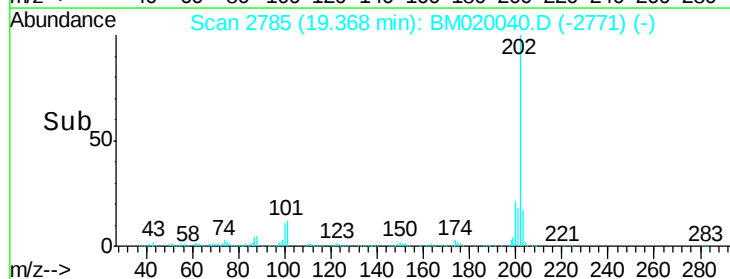
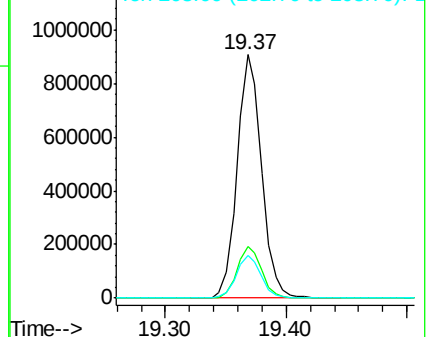
203 17.4 14.0 21.0

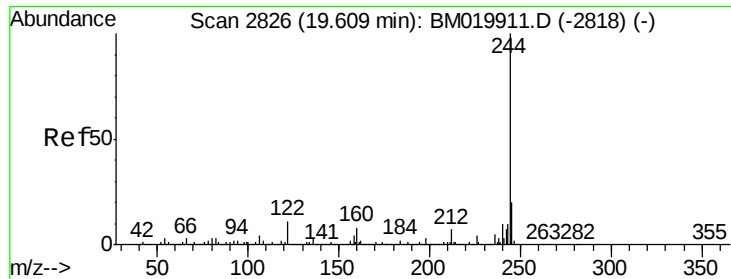


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.341 ng

RT: 19.57 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Instrument :

BNA_M

ClientSampleId :

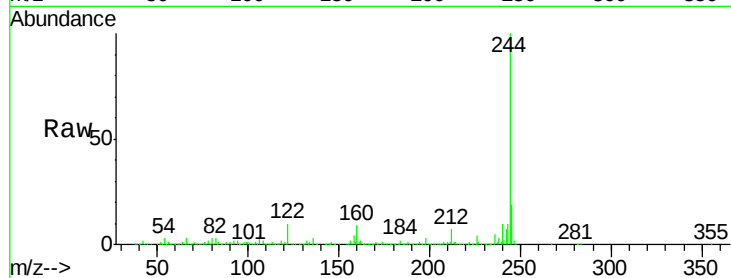
Tot Ion:244 Resp: 1942184

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

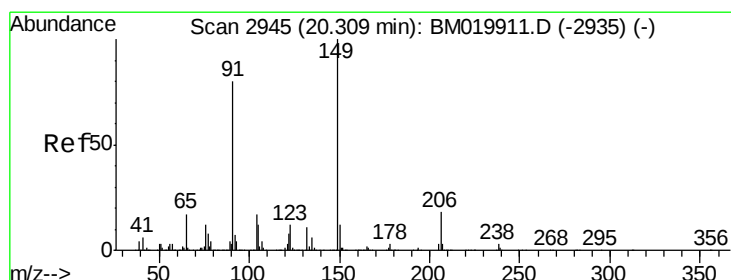
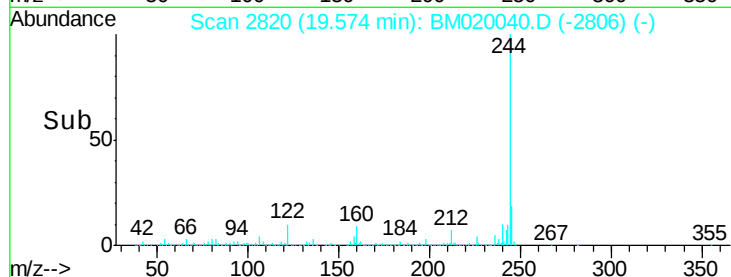
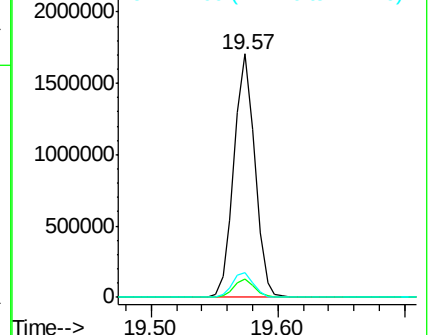
122 9.9 9.1 13.7



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: 36.959 ng

RT: 20.28 min Scan# 2940

Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

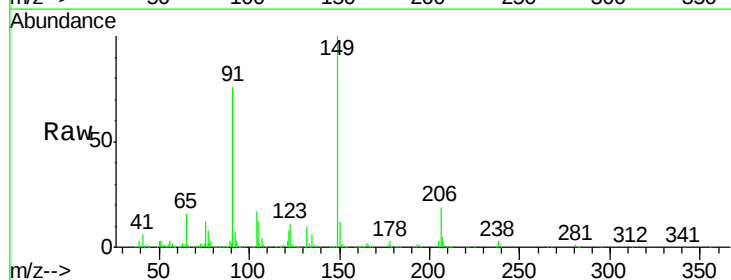
Tgt Ion:149 Resp: 631774

Ion Ratio Lower Upper

149 100

91 76.2 63.7 95.5

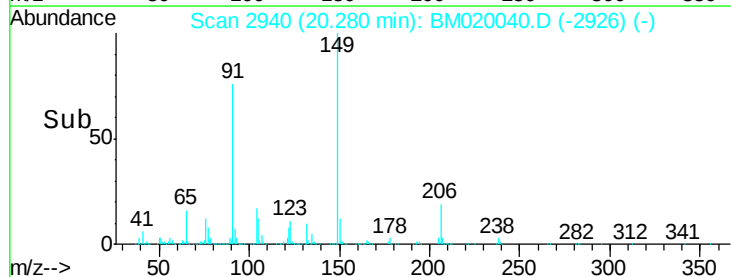
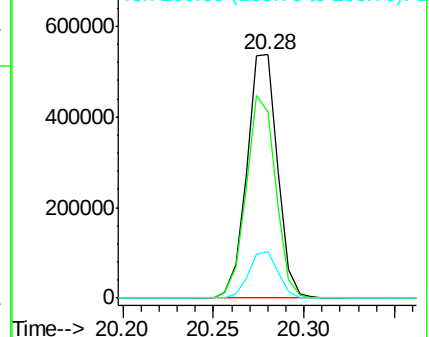
206 19.2 14.6 21.8

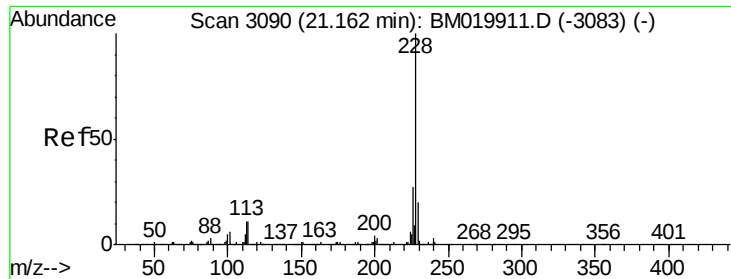


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.909 ng

RT: 21.13 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

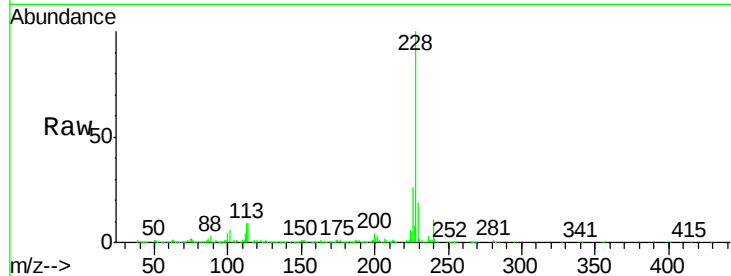
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1312307

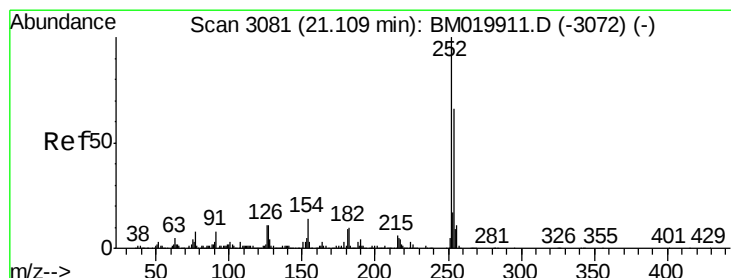
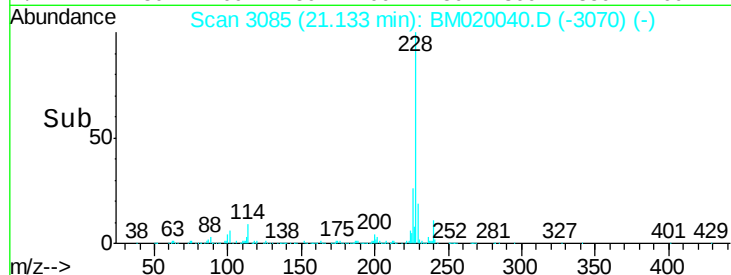
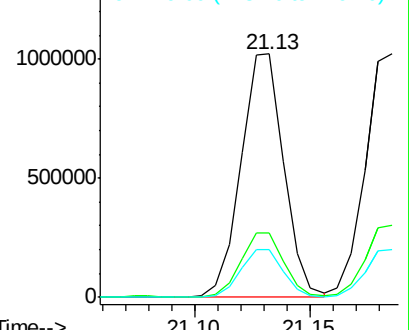
Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.8	32.6
229	19.4	15.9	23.9



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: 37.483 ng

RT: 21.07 min Scan# 3075

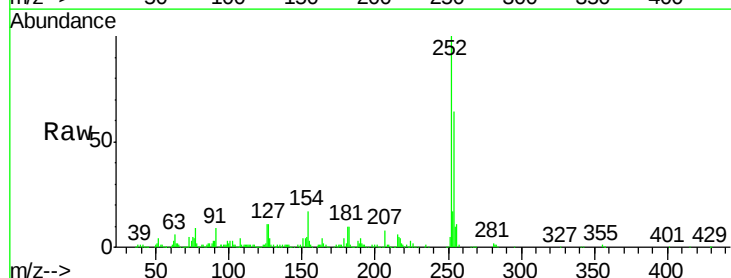
Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Tgt Ion:252 Resp: 470354

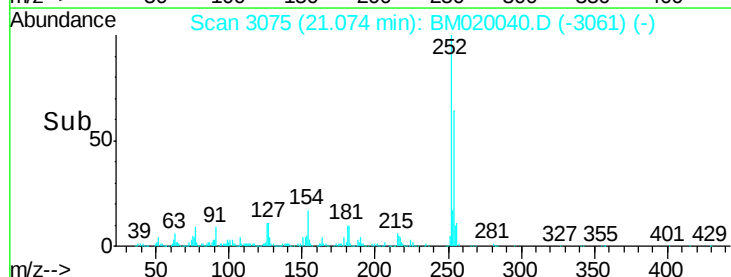
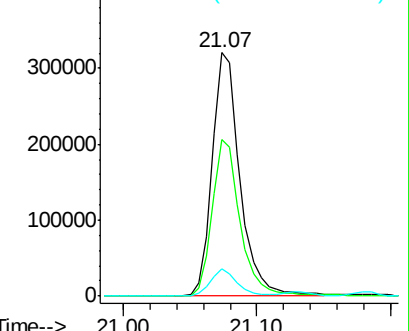
Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.6	78.8
126	11.0	8.6	12.8

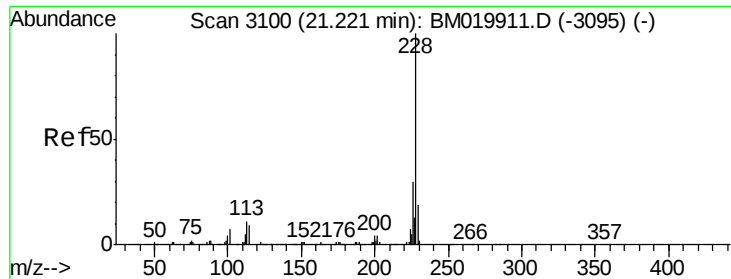


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.136 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

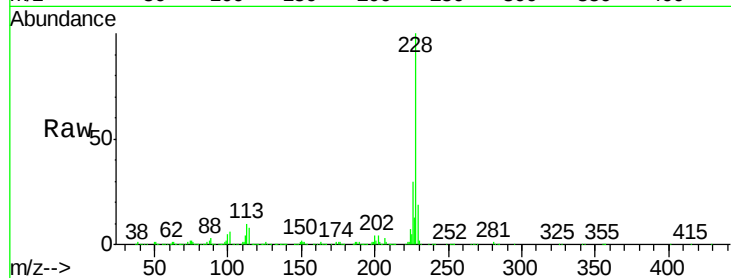
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 1298205

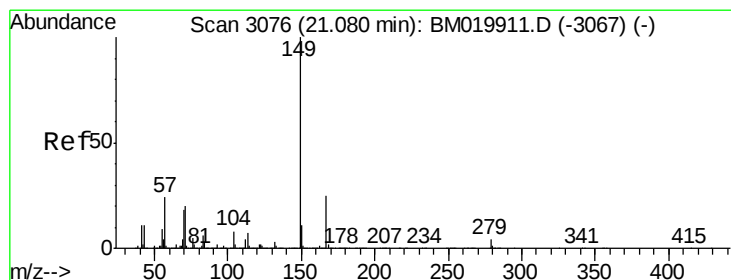
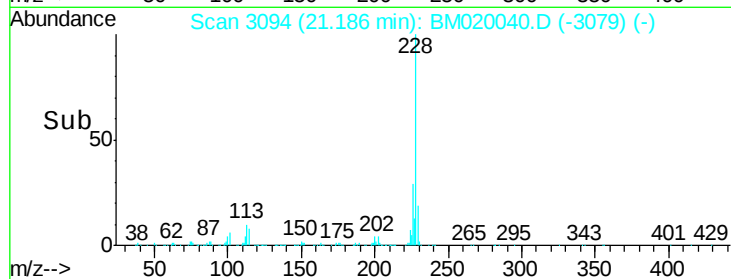
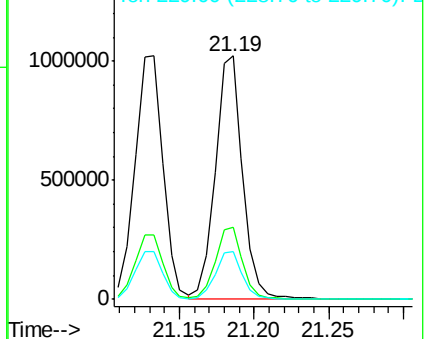
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	19.4	15.6	23.4



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: 36.242 ng

RT: 21.04 min Scan# 3070

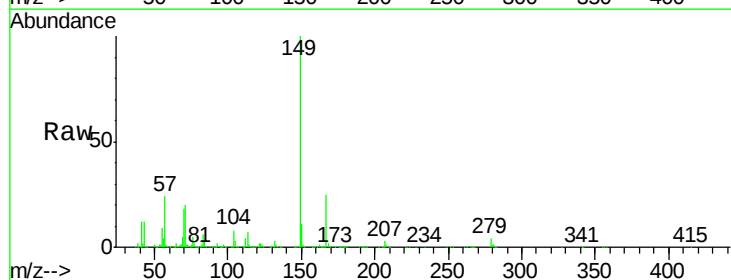
Delta R.T. -0.02 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Tgt Ion:149 Resp: 922331

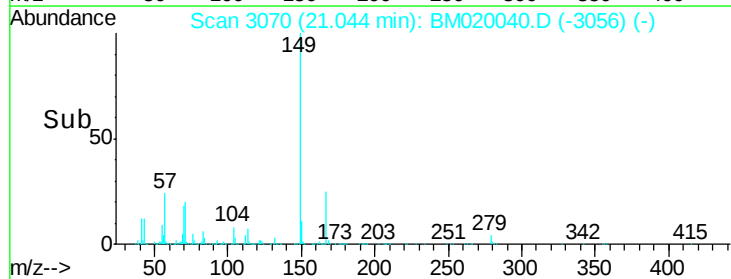
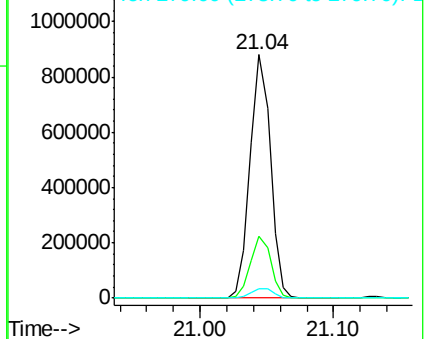
Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.3	30.5
279	4.0	3.4	5.2

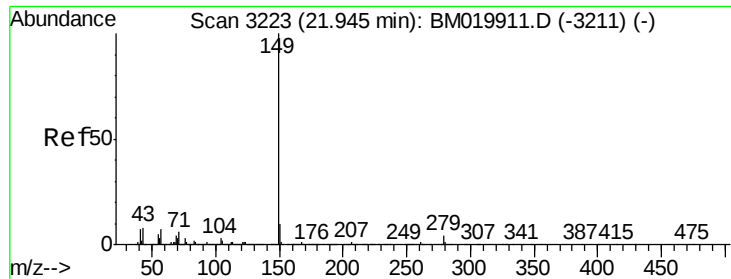


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

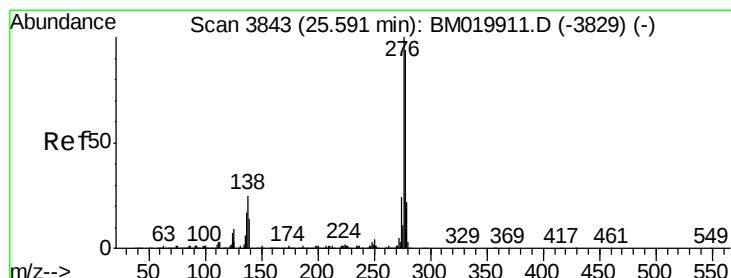
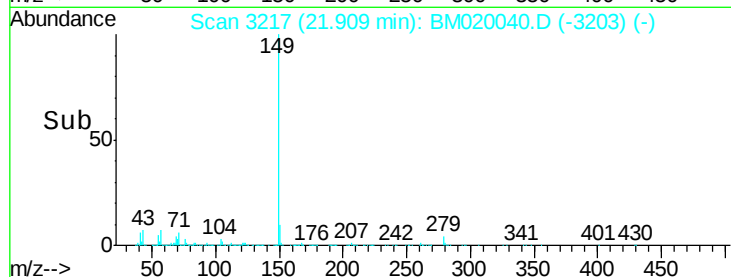
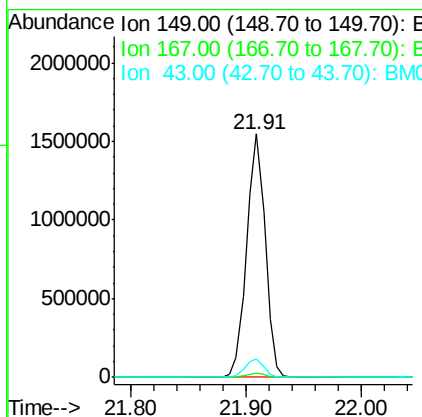
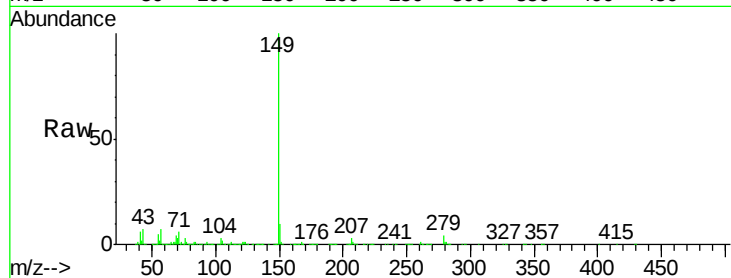




#85
Di-n-octyl phthalate
Concen: 41.745 ng
RT: 21.91 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

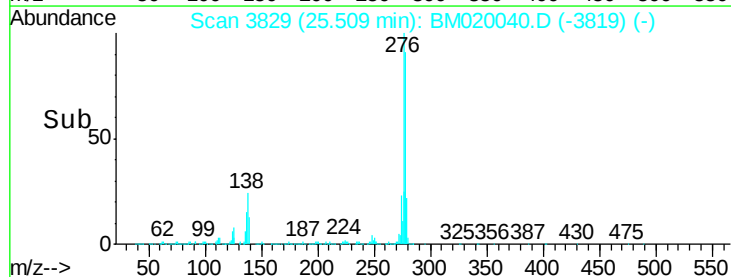
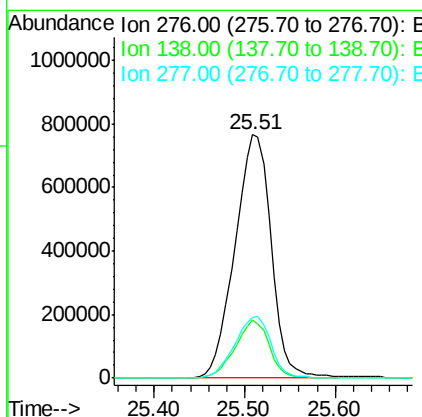
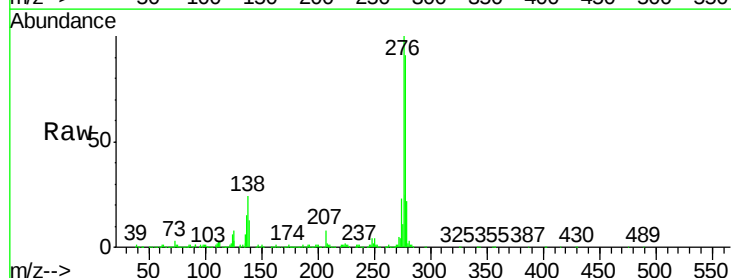
Instrument :
BNA_M
ClientSampleId :

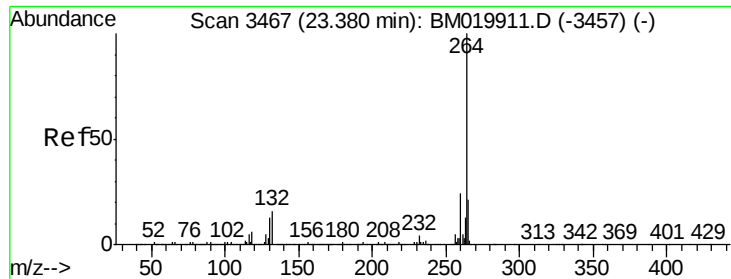
Tot Ion:149 Resp: 1723800
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 6.0 9.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 66.806 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.04 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Tgt Ion:276 Resp: 2125674
Ion Ratio Lower Upper
276 100
138 22.5 19.0 28.6
277 25.5 20.3 30.5

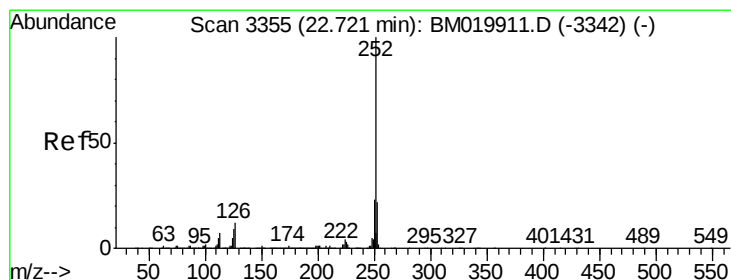
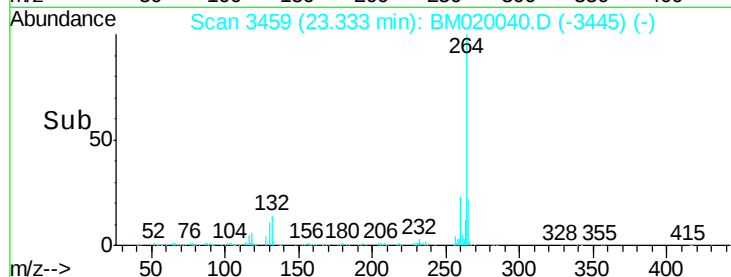
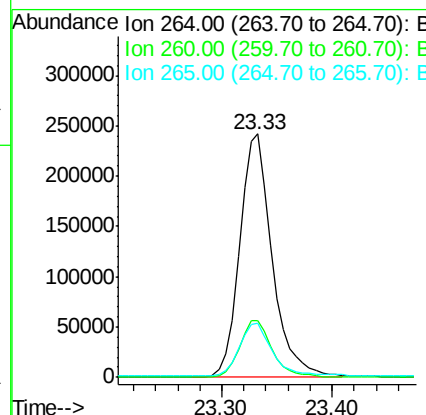
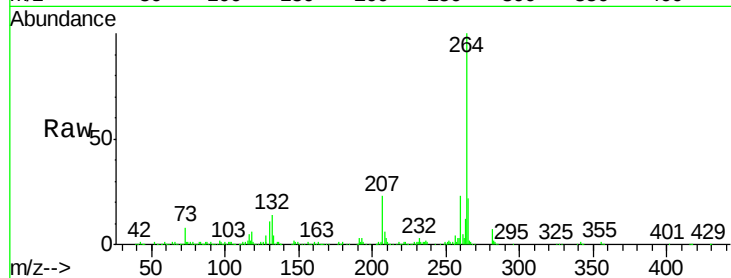




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.33 min Scan# 3459
 Delta R.T. -0.02 min
 Lab File: BM020040.D
 Acq: 23 Apr 2019 17:17

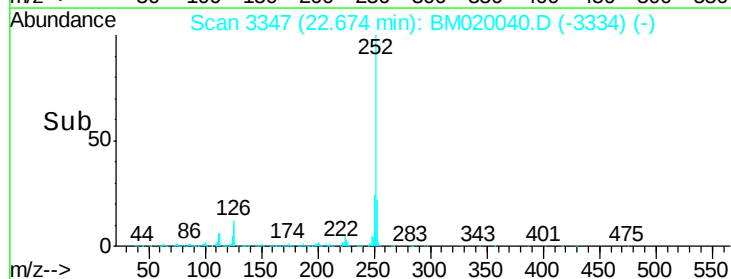
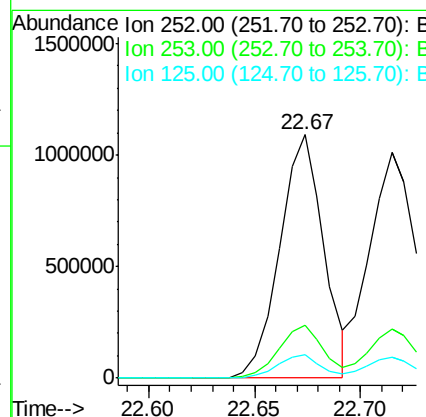
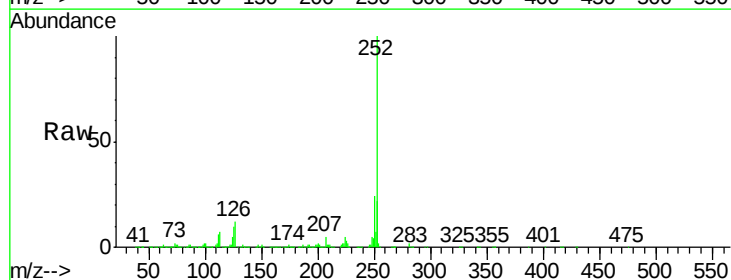
Instrument :
 BNA_M
 ClientSampleId :

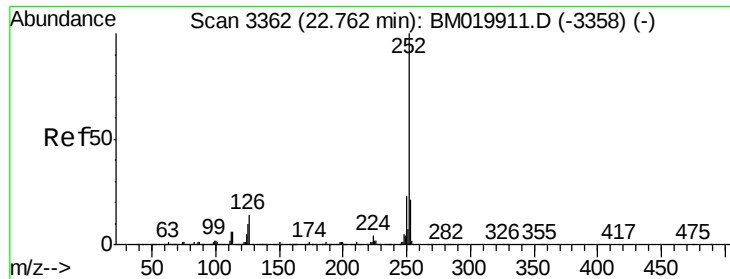
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.3	17.2	25.8



#88
 Benzo(b)fluoranthene
 Concen: 47.434 ng
 RT: 22.67 min Scan# 3347
 Delta R.T. -0.02 min
 Lab File: BM020040.D
 Acq: 23 Apr 2019 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.6	7.6	11.4

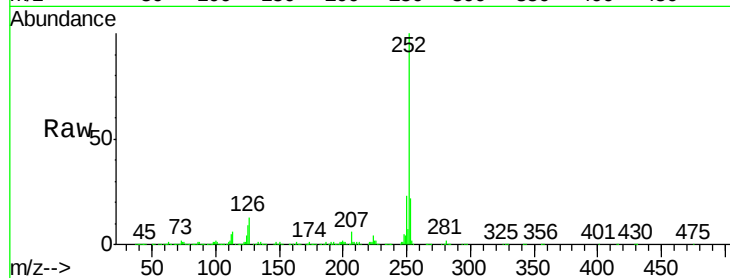




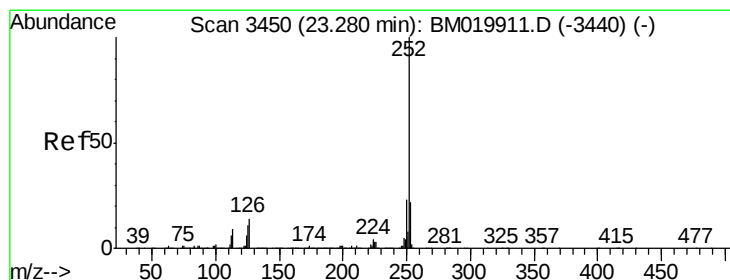
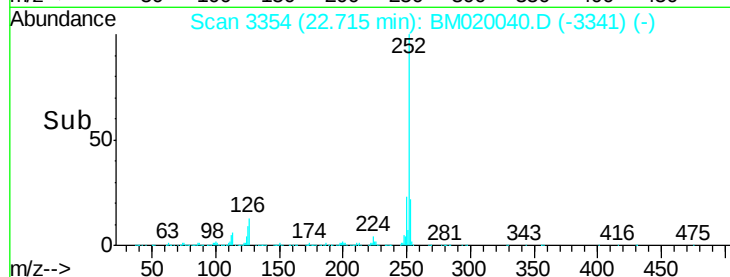
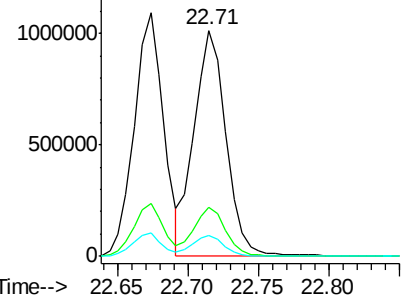
#89
Benzo(k)fluoranthene
Concen: 50.629 ng
RT: 22.71 min Scan# 3354
Delta R.T. -0.02 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Instrument :
BNA_M
ClientSampled :

Tot Ion:252 Resp: 1581140
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.3 8.2 12.4

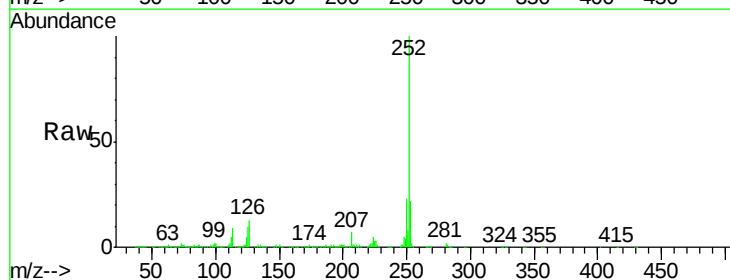


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

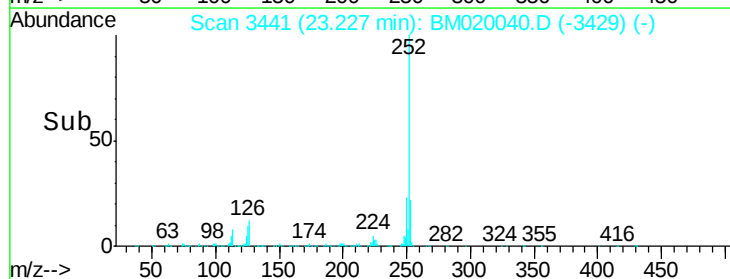
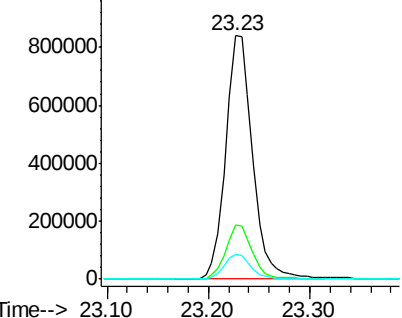


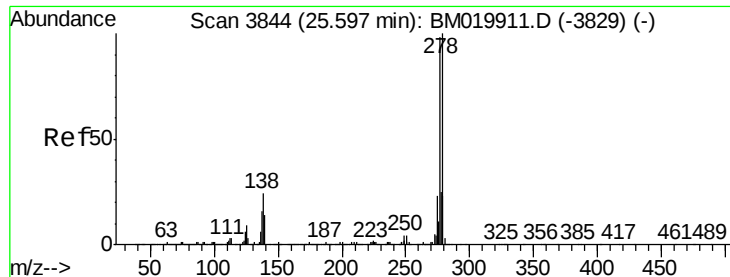
#90
Benzo(a)pyrene
Concen: 52.511 ng
RT: 23.23 min Scan# 3441
Delta R.T. -0.03 min
Lab File: BM020040.D
Acq: 23 Apr 2019 17:17

Tgt Ion:252 Resp: 1543458
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.2 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: 64.079 ng

RT: 25.51 min Scan# 3830

Delta R.T. -0.04 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

Instrument :

BNA_M

ClientSampleId :

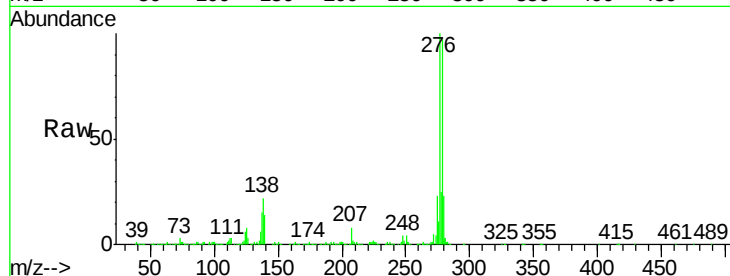
Tot Ion:278 Resp: 1815903

Ion Ratio Lower Upper

278 100

139 14.1 11.6 17.4

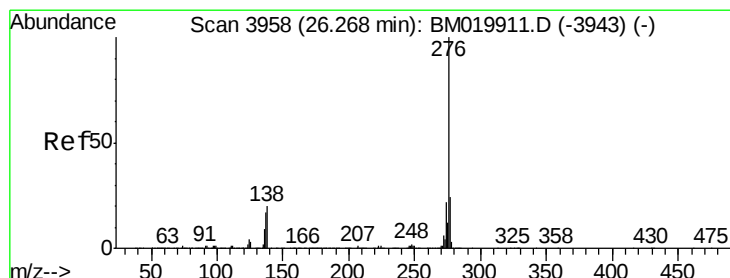
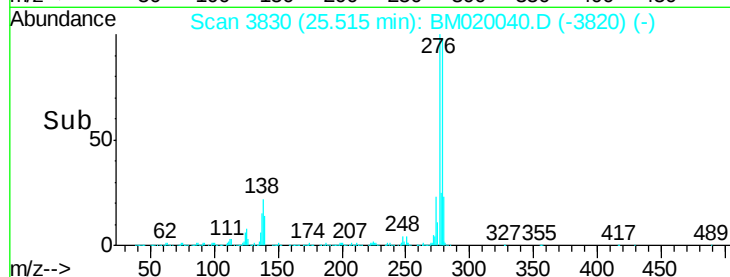
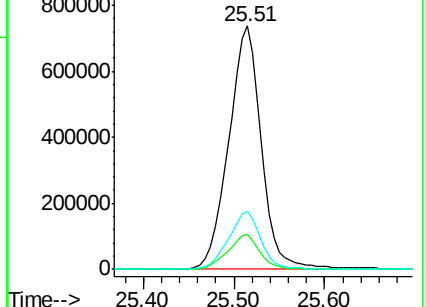
279 23.6 18.4 27.6



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: 63.700 ng

RT: 26.18 min Scan# 3943

Delta R.T. -0.05 min

Lab File: BM020040.D

Acq: 23 Apr 2019 17:17

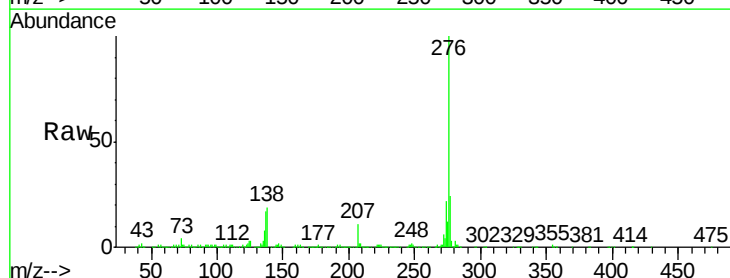
Tgt Ion:276 Resp: 1635008

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 18.9 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

