

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042419\
 Data File : BM020065.D
 Acq On : 24 Apr 2019 15:26
 Operator : JU/SJ
 Sample : PB119063BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 25 01:47:14 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	153151	20.00	ng	-0.02
21) Naphthalene-d8	10.26	136	623106	20.00	ng	-0.03
39) Acenaphthene-d10	14.15	164	349102	20.00	ng	-0.02
64) Phenanthrene-d10	16.92	188	715405	20.00	ng	-0.02
76) Chrysene-d12	21.14	240	610749	20.00	ng	-0.02
87) Perylene-d12	23.33	264	438049	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	1399409	148.09	ng	-0.03
7) Phenol-d6	6.69	99	1866580	131.25	ng	-0.02
23) Nitrobenzene-d5	8.66	82	1261366	90.53	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	748879	133.26	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	2590336	92.47	ng	-0.03
79) Terphenyl-d14	19.57	244	3458038	99.87	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.07	88	146916	36.027 ng	98
3) Pyridine	3.47	79	364841	31.946 ng	99
4) n-Nitrosodimethylamine	3.40	42	153887	41.829 ng	91
6) Aniline	6.85	93	568169	30.931 ng	99
8) 2-Chlorophenol	7.06	128	469326	39.931 ng	98
9) Benzaldehyde	6.67	77	127852	12.684 ng	96
10) Phenol	6.71	94	619958	39.898 ng	91
11) bis(2-Chloroethyl)ether	6.94	93	408288	35.913 ng	100
12) 1,3-Dichlorobenzene	7.37	146	469232	38.028 ng	97
13) 1,4-Dichlorobenzene	7.52	146	484637	38.711 ng	99
14) 1,2-Dichlorobenzene	7.83	146	472320	38.050 ng	98
15) Benzyl Alcohol	7.75	79	477545	36.935 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.00	45	349913	32.287 ng	96
17) 2-Methylphenol	7.95	107	388337	37.761 ng	97
18) Hexachloroethane	8.53	117	187415	38.512 ng	96
19) n-Nitroso-di-n-propylamine	8.30	70	411532	32.918 ng	99
20) 3+4-Methylphenols	8.28	107	514973	36.452 ng	98
22) Acetophenone	8.33	105	713360	42.033 ng	# 99
24) Nitrobenzene	8.70	77	600468	41.602 ng	98
25) Isophorone	9.22	82	1015068	37.425 ng	99
26) 2-Nitrophenol	9.40	139	238353	38.751 ng	92
27) 2,4-Dimethylphenol	9.46	122	406200	46.707 ng	98
28) bis(2-Chloroethoxy)methane	9.70	93	582186	38.333 ng	99
29) 2,4-Dichlorophenol	9.93	162	411102	41.621 ng	97
30) 1,2,4-Trichlorobenzene	10.13	180	456826	42.972 ng	99
31) Naphthalene	10.31	128	1356019	40.573 ng	99
32) Benzoic acid	9.69	122	256860	33.113 ng	98
33) 4-Chloroaniline	10.47	127	323239	23.477 ng	100
34) Hexachlorobutadiene	10.56	225	272627	43.482 ng	98
35) Caprolactam	11.30	113	40778	10.907 ng	96
36) 4-Chloro-3-methylphenol	11.59	107	459116	37.409 ng	99
37) 2-Methylnaphthalene	11.93	142	982620	40.384 ng	97
38) 1-Methylnaphthalene	12.16	142	934128	38.882 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.31	216	483941	44.936 ng	99

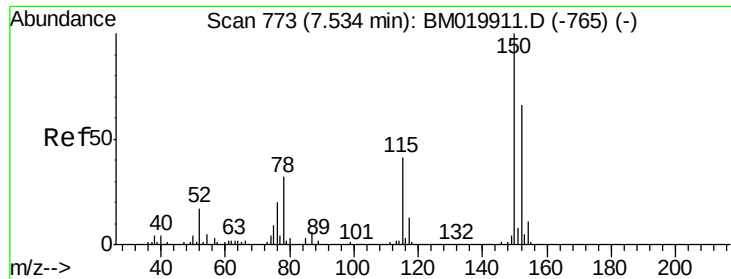
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042419\
 Data File : BM020065.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	360020	92.320	ng	97
43) 2,4,6-Trichlorophenol	12.58	196	322521	44.172	ng	98
44) 2,4,5-Trichlorophenol	12.66	196	325879	42.883	ng	97
46) 1,1'-Biphenyl	12.97	154	1263139	41.775	ng	99
47) 2-Chloronaphthalene	13.02	162	974648	42.259	ng	99
48) 2-Nitroaniline	13.27	65	322839	38.834	ng	97
49) Acenaphthylene	13.87	152	1570290	39.131	ng	99
50) Dimethylphthalate	13.63	163	1224513	39.766	ng	99
51) 2,6-Dinitrotoluene	13.77	165	260446	38.249	ng	91
52) Acenaphthene	14.22	154	904620	40.657	ng	99
53) 3-Nitroaniline	14.12	138	165832	24.390	ng	97
54) 2,4-Dinitrophenol	14.34	184	280646	70.047	ng	93
55) Dibenzofuran	14.56	168	1456288	40.025	ng	98
56) 4-Nitrophenol	14.44	139	337159	64.101	ng	92
57) 2,4-Dinitrotoluene	14.58	165	361185	36.901	ng	98
58) Fluorene	15.22	166	1215561	39.427	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	292844	42.234	ng	99
60) Diethylphthalate	15.00	149	1245940	38.904	ng	99
61) 4-Chlorophenyl-phenylether	15.21	204	615563	41.469	ng	96
62) 4-Nitroaniline	15.30	138	205548	30.684	ng	88
63) Azobenzene	15.51	77	1375123	40.174	ng	99
65) 4,6-Dinitro-2-methylphenol	15.35	198	167339	36.661	ng	98
66) n-Nitrosodiphenylamine	15.44	169	984803	42.106	ng	98
67) 4-Bromophenyl-phenylether	16.11	248	345849	42.048	ng	99
68) Hexachlorobenzene	16.22	284	413549	41.903	ng	98
69) Atrazine	16.41	200	314096	39.560	ng	98
70) Pentachlorophenol	16.58	266	397154	78.760	ng	99
71) Phenanthrene	16.96	178	1695382	39.934	ng	100
72) Anthracene	17.06	178	1705593	40.359	ng	100
73) Carbazole	17.35	167	1444548	36.611	ng	99
74) Di-n-butylphthalate	17.89	149	1953658	37.703	ng	100
75) Fluoranthene	19.00	202	1786561	36.567	ng	99
77) Benzidine	19.22	184	525749	31.199	ng	98
78) Pyrene	19.37	202	1802585	44.568	ng	100
80) Butylbenzylphthalate	20.27	149	801721	40.886	ng	99
81) Benzo(a)anthracene	21.13	228	1474614	38.114	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	472465	32.822	ng	97
83) Chrysene	21.19	228	1442807	38.886	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1116169	38.235	ng	100
85) Di-n-octyl phthalate	21.91	149	1763792	37.236	ng	100
86) Indeno(1,2,3-cd)pyrene	25.50	276	1570811	43.036	ng	98
88) Benzo(b)fluoranthene	22.67	252	1412905	48.575	ng	99
89) Benzo(k)fluoranthene	22.71	252	1324400	48.365	ng	99
90) Benzo(a)pyrene	23.23	252	1274308	49.444	ng	99
91) Dibenzo(a,h)anthracene	25.51	278	1314204	52.889	ng	99
92) Benzo(g,h,i)perylene	26.17	276	1200219	53.329	ng	97

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

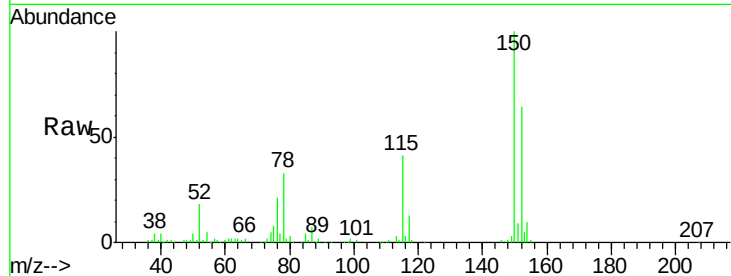


#1

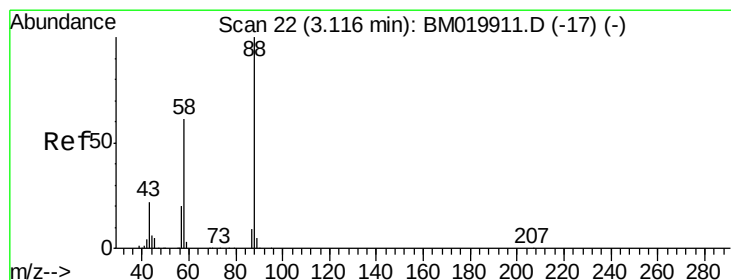
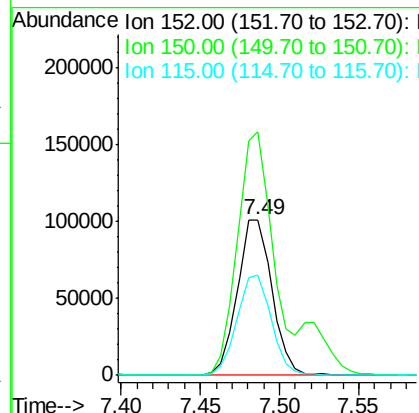
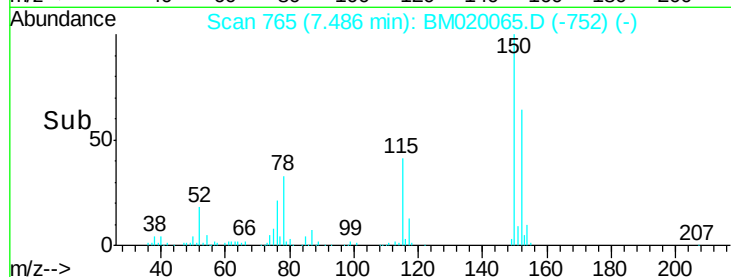
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 765
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 153151
Ion Ratio Lower Upper
152 100
150 156.5 122.1 183.1
115 64.6 50.0 75.0



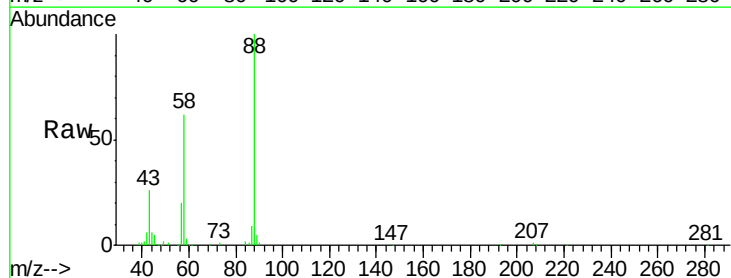
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



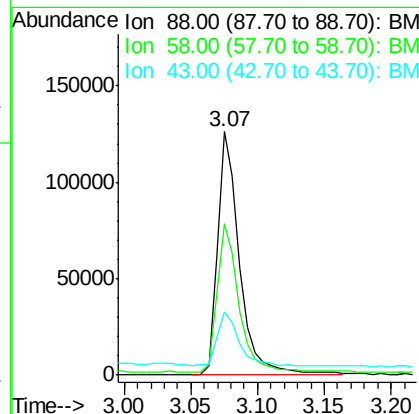
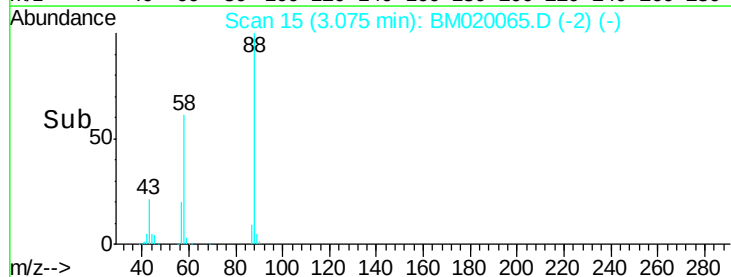
#2

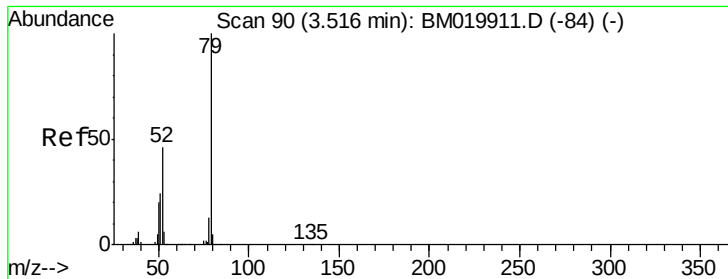
1,4-Dioxane
Concen: 36.027 ng
RT: 3.07 min Scan# 15
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion: 88 Resp: 146916
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: 31.946 ng

RT: 3.47 min Scan# 82

Delta R.T. -0.04 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

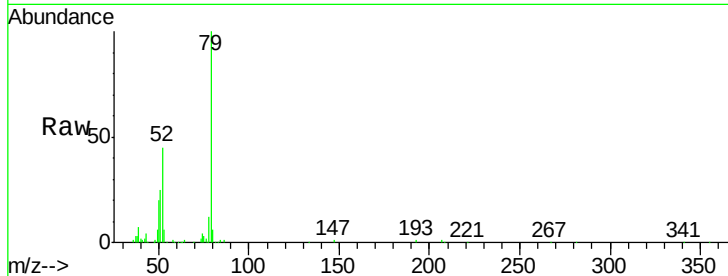
Tot Ion: 79 Resp: 364841

Ion Ratio Lower Upper

79 100

52 45.0 36.9 55.3

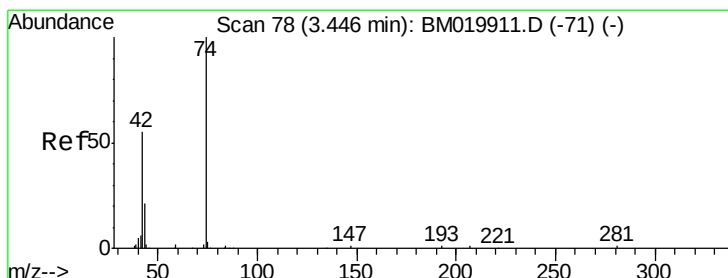
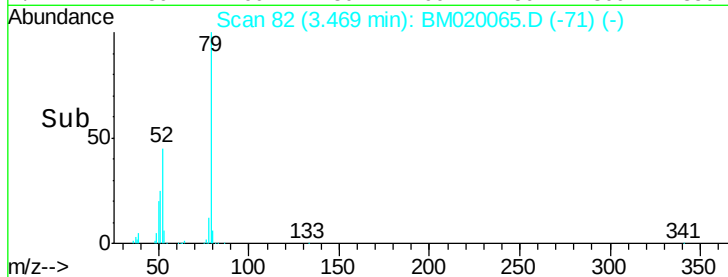
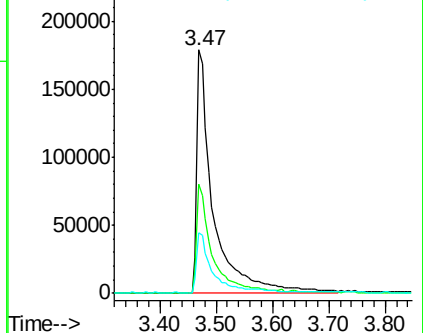
51 24.9 20.0 30.0



Abundance Ion 79.00 (78.70 to 79.70): BM019911.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019911.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019911.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 41.829 ng

RT: 3.40 min Scan# 70

Delta R.T. -0.03 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

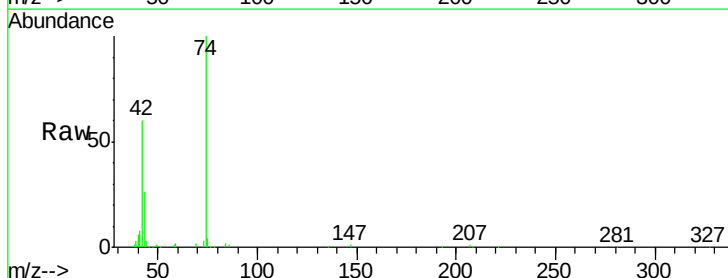
Tgt Ion: 42 Resp: 153887

Ion Ratio Lower Upper

42 100

74 167.9 144.6 217.0

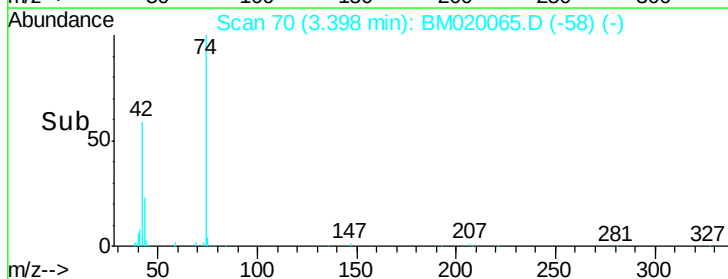
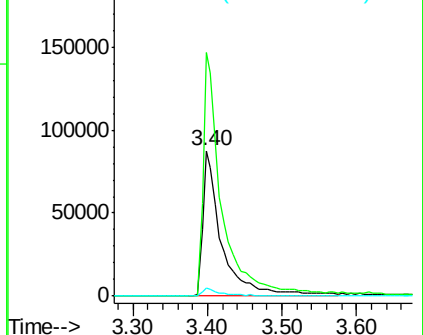
44 5.5 5.4 8.2

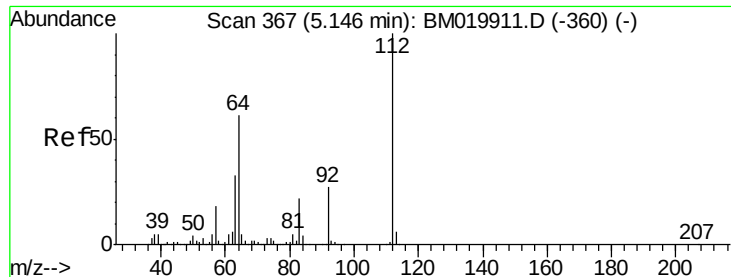


Abundance Ion 42.00 (41.70 to 42.70): BM019911.D (-71) (-)

Ion 74.00 (73.70 to 74.70): BM019911.D (-71) (-)

Ion 44.00 (43.70 to 44.70): BM019911.D (-71) (-)





#5

2-Fluorophenol

Concen: 148.086 ng

RT: 5.10 min Scan# 359

Delta R.T. -0.03 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

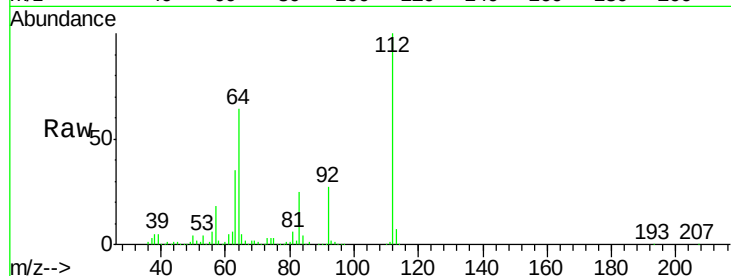
Tot Ion:112 Resp: 1399409

Ion Ratio Lower Upper

112 100

64 63.7 49.1 73.7

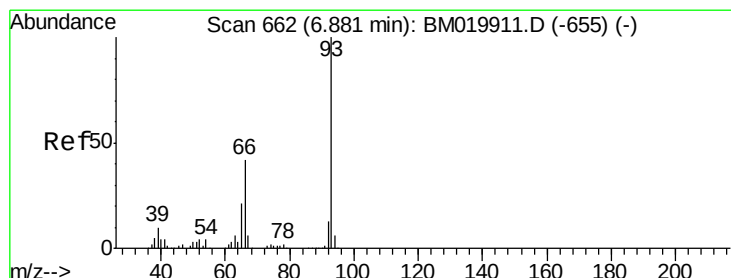
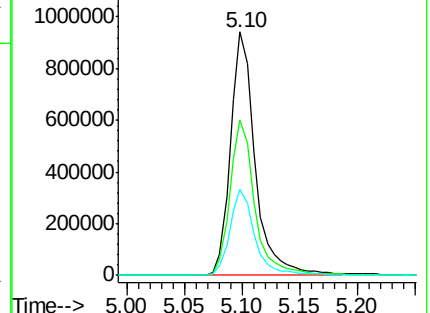
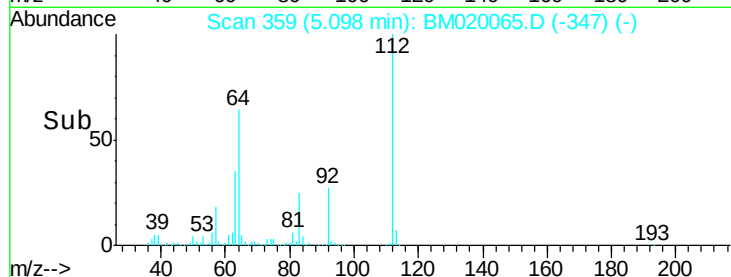
63 35.2 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 30.931 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

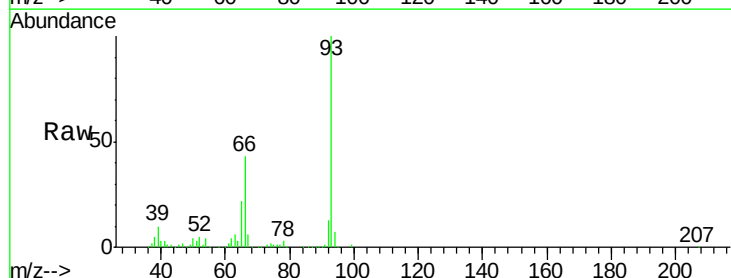
Tgt Ion: 93 Resp: 568169

Ion Ratio Lower Upper

93 100

66 42.6 33.9 50.9

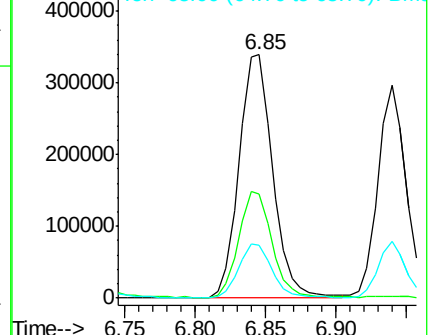
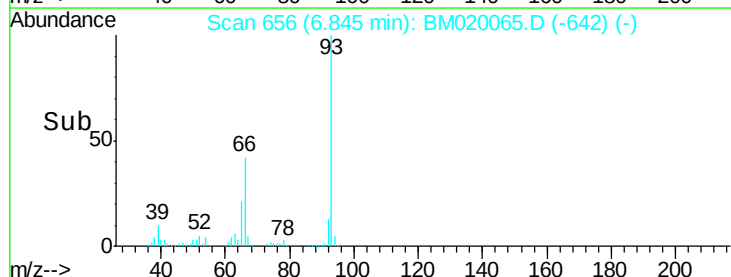
65 21.9 17.0 25.6

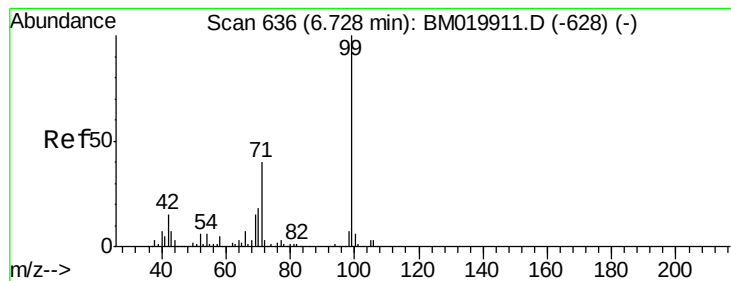


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 131.245 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

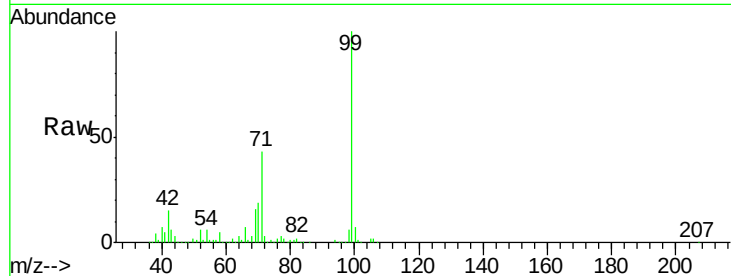
Tot Ion: 99 Resp: 1866580

Ion	Ratio	Lower	Upper
99	100		
42	15.3	11.8	17.8
71	43.4	32.0	48.0

99 100

42 15.3 11.8 17.8

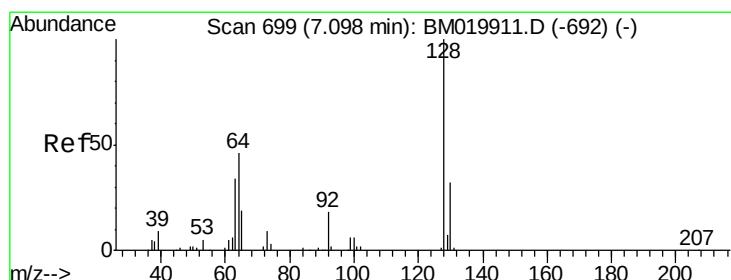
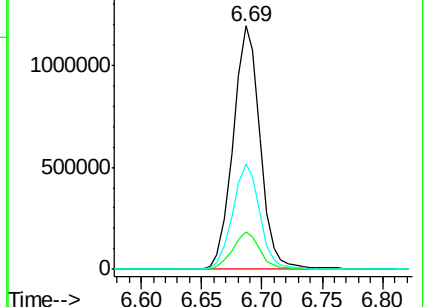
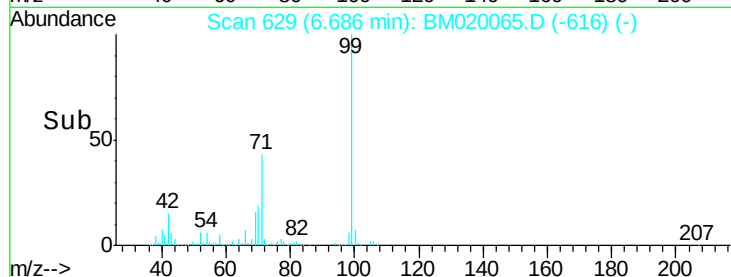
71 43.4 32.0 48.0



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

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

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



#8

2-Chlorophenol

Concen: 39.931 ng

RT: 7.06 min Scan# 692

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

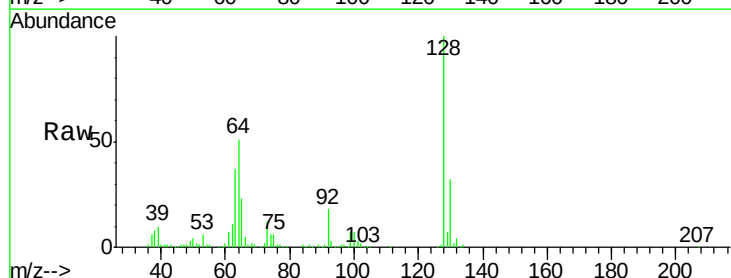
Tgt Ion: 128 Resp: 469326

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.0	52.0
64	51.3	33.0	73.0

128 100

130 31.7 12.0 52.0

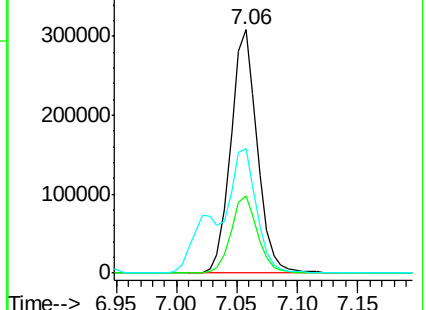
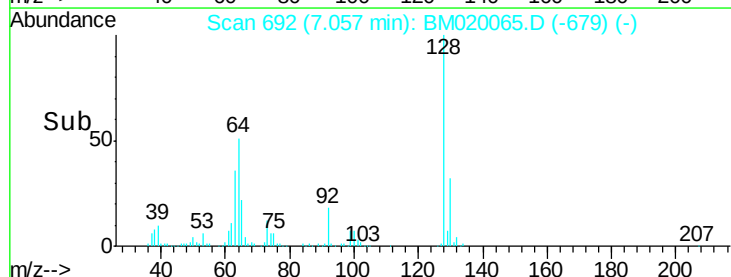
64 51.3 33.0 73.0

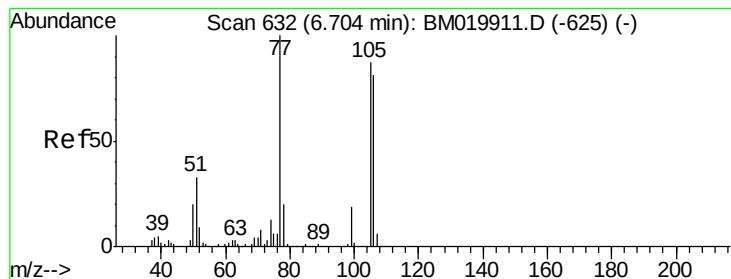


Abundance Ion 128.00 (127.70 to 128.70): BM019911.D (-692) (-)

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

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





#9

Benzaldehyde

Concen: 12.684 ng

RT: 6.67 min Scan# 626

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

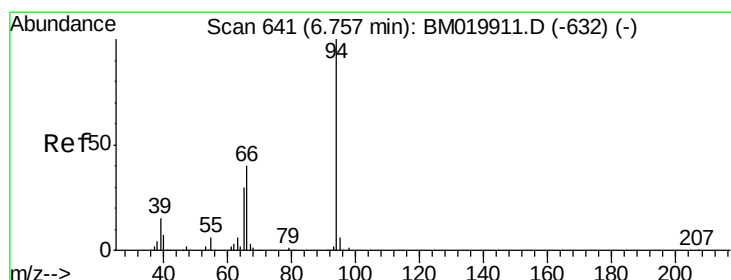
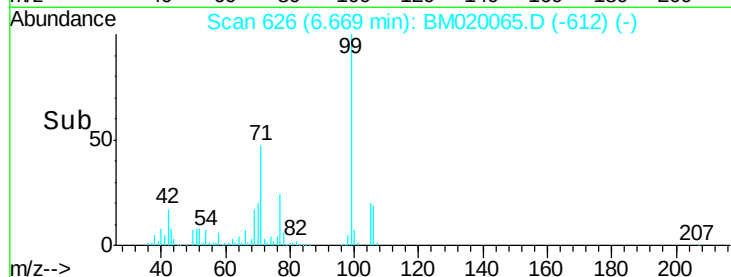
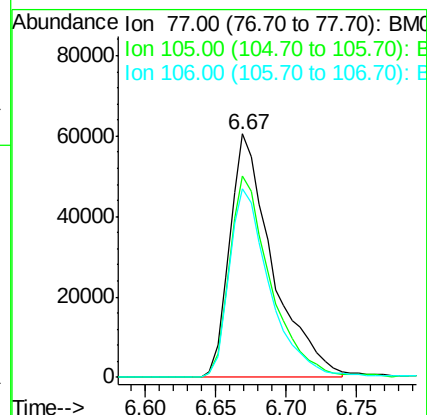
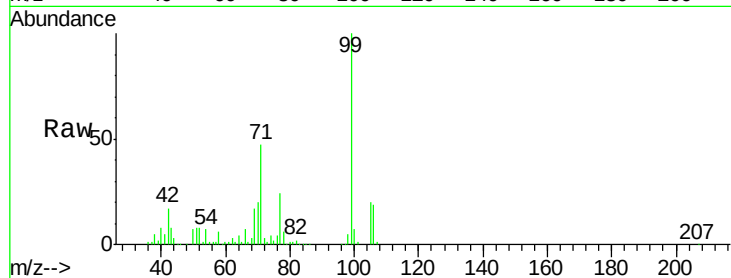
Tot Ion: 77 Resp: 127852

Ion Ratio Lower Upper

77 100

105 82.8 67.3 107.3

106 77.4 60.6 100.6



#10

Phenol

Concen: 39.898 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

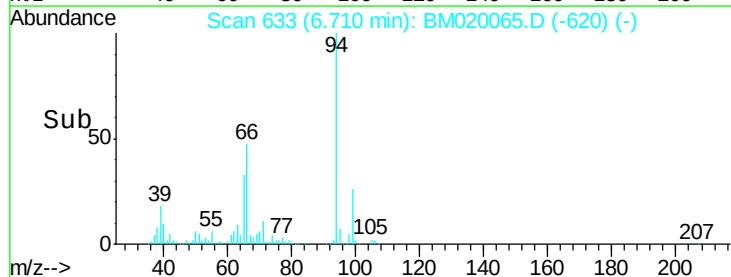
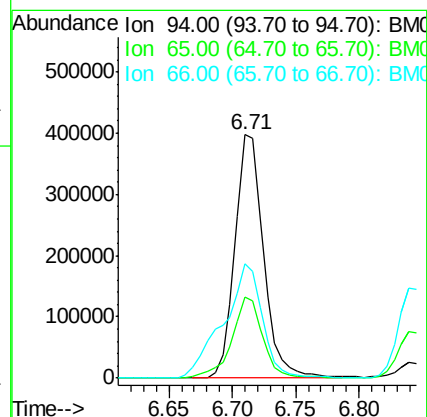
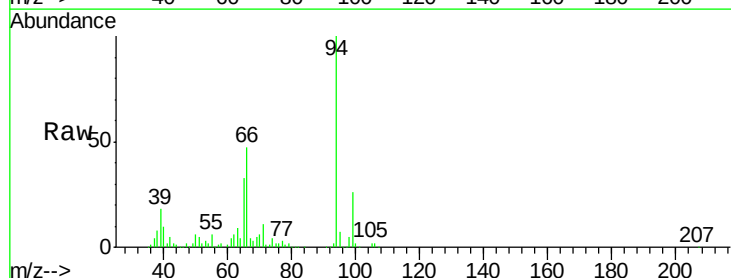
Tgt Ion: 94 Resp: 619958

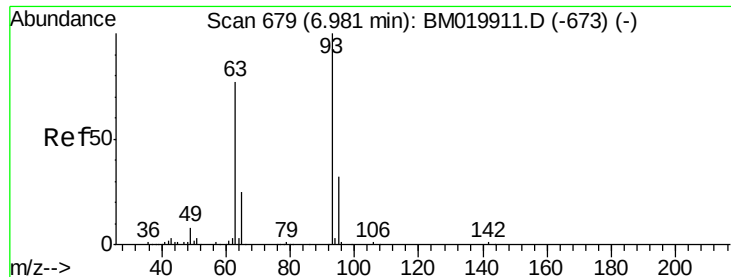
Ion Ratio Lower Upper

94 100

65 33.5 10.0 50.0

66 46.8 20.2 60.2





#11

bis(2-Chloroethyl)ether

Concen: 35.913 ng

RT: 6.94 min Scan# 672

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

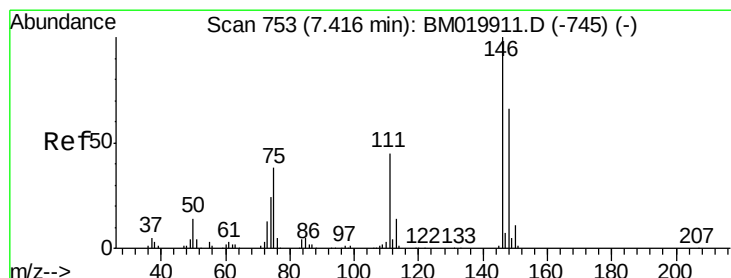
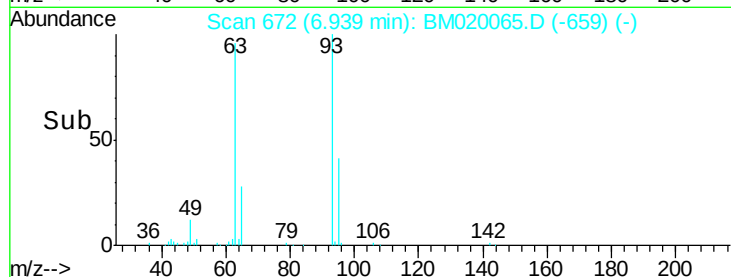
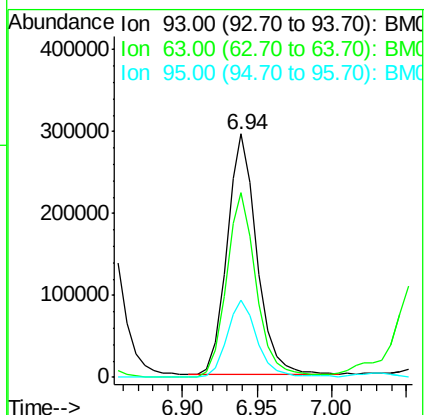
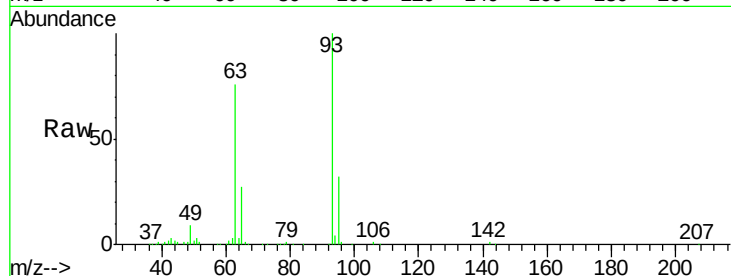
Tot Ion: 93 Resp: 408288

Ion Ratio Lower Upper

93 100

63 75.8 55.8 95.8

95 31.6 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 38.028 ng

RT: 7.37 min Scan# 745

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

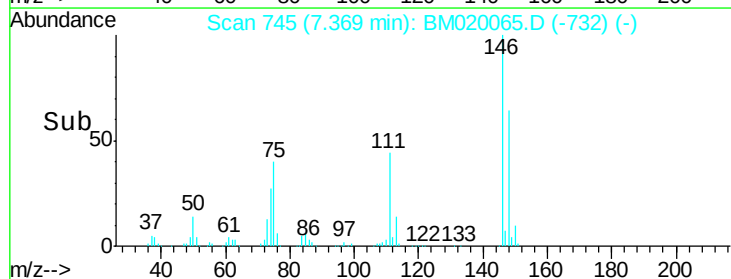
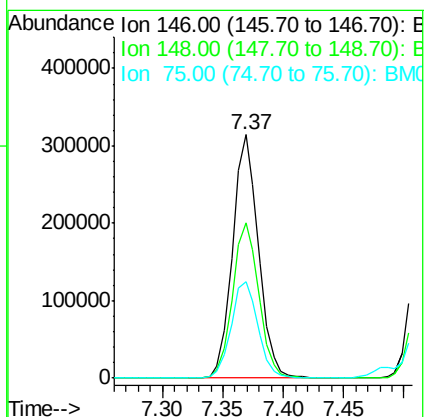
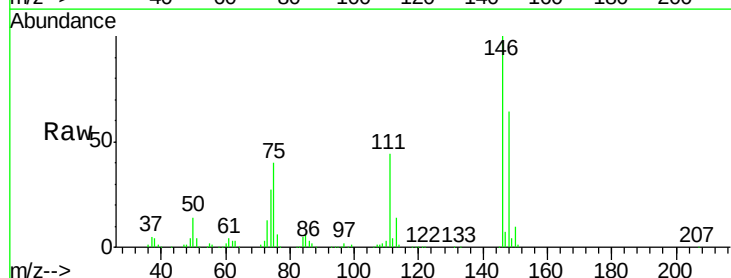
Tgt Ion: 146 Resp: 469232

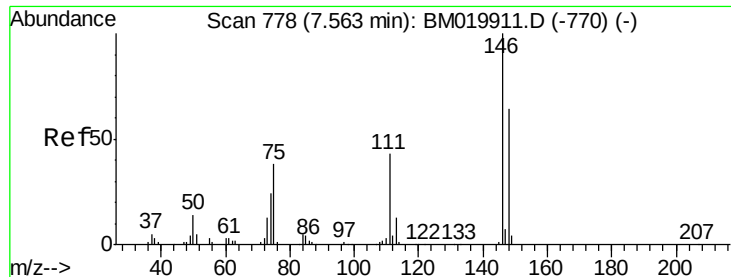
Ion Ratio Lower Upper

146 100

148 64.0 52.6 78.8

75 39.8 30.0 45.0

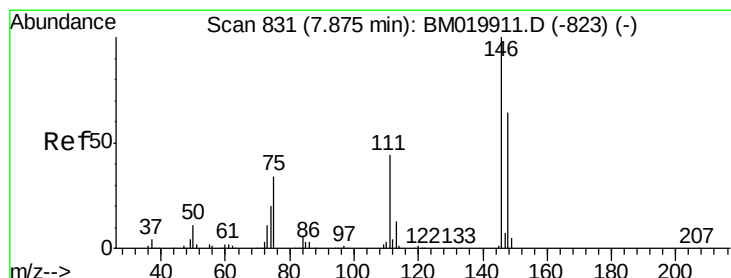
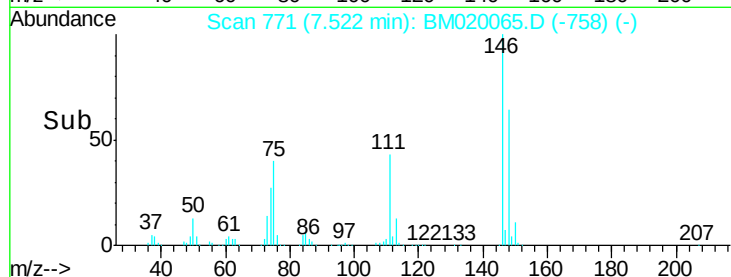
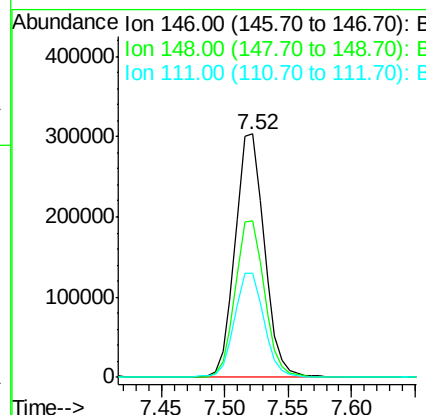
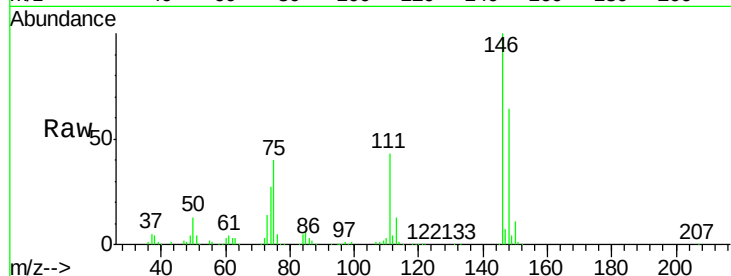




#13
 1,4-Dichlorobenzene
 Concen: 38.711 ng
 RT: 7.52 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

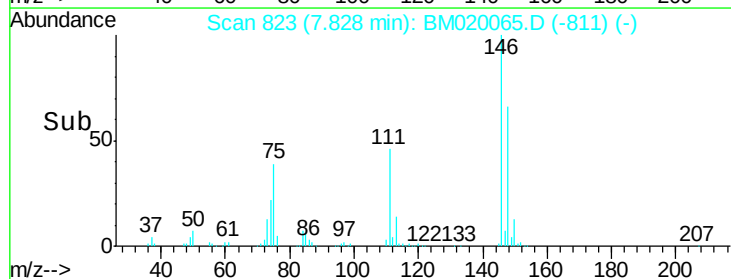
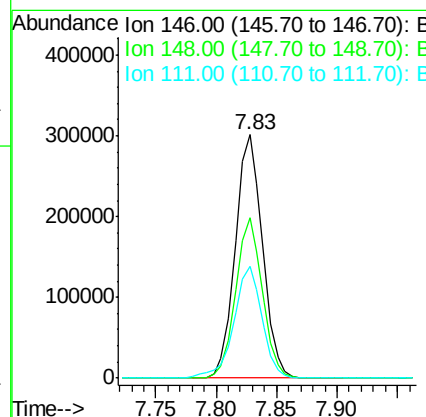
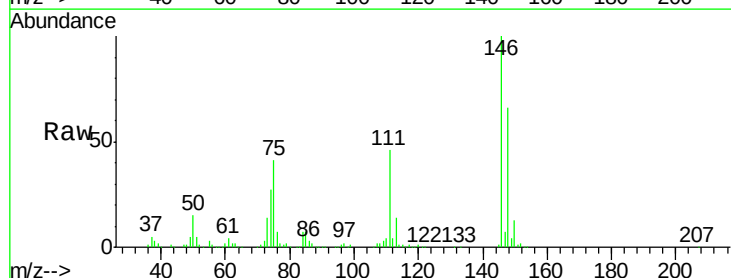
Instrument :
 BNA_M
 ClientSampleId :

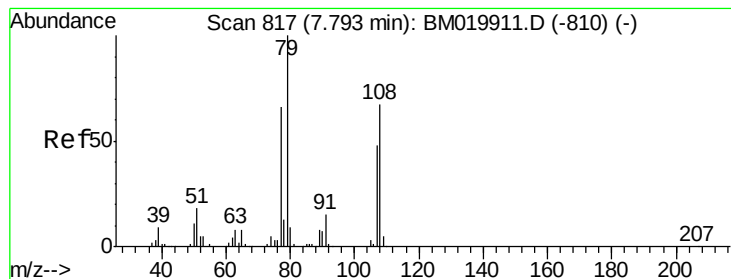
Tot Ion:146 Resp: 484637
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 42.7 34.6 51.8



#14
 1,2-Dichlorobenzene
 Concen: 38.050 ng
 RT: 7.83 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion:146 Resp: 472320
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.4 77.2
 111 45.8 35.4 53.0





#15

Benzyl Alcohol

Concen: 36.935 ng

RT: 7.75 min Scan# 810

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampled :

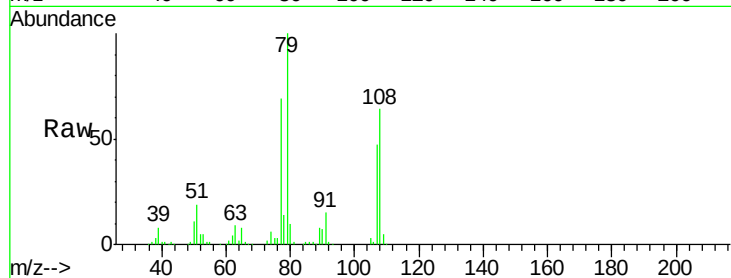
Tot Ion: 79 Resp: 477545

Ion Ratio Lower Upper

79 100

108 64.2 53.9 80.9

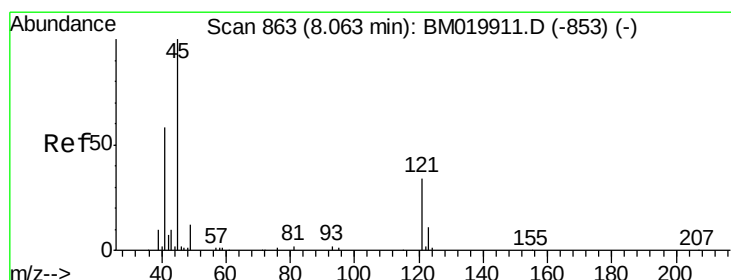
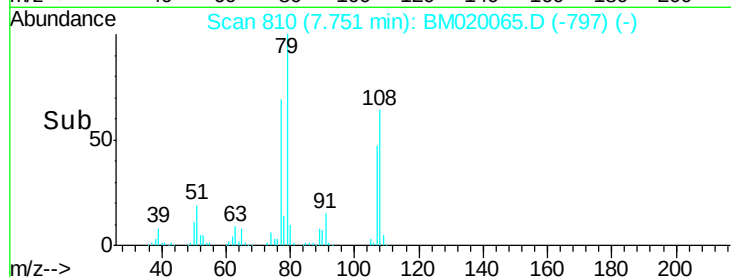
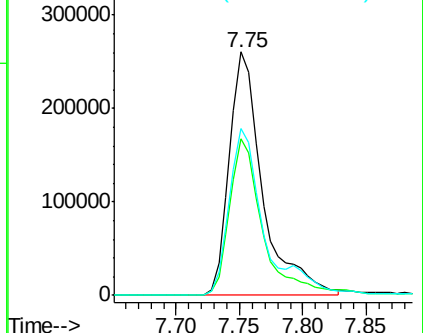
77 68.6 53.1 79.7



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

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

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



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.287 ng

RT: 8.00 min Scan# 853

Delta R.T. -0.04 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

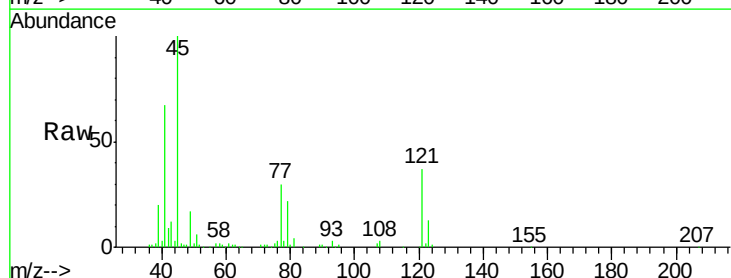
Tgt Ion: 45 Resp: 349913

Ion Ratio Lower Upper

45 100

77 30.2 7.2 47.2

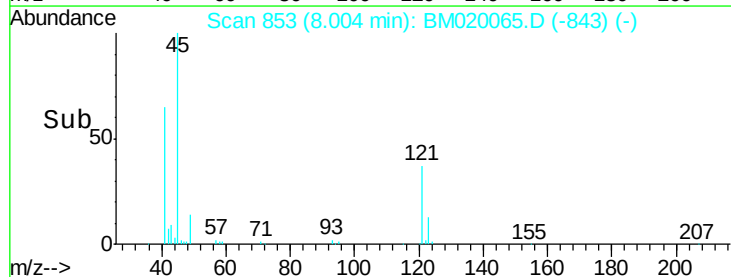
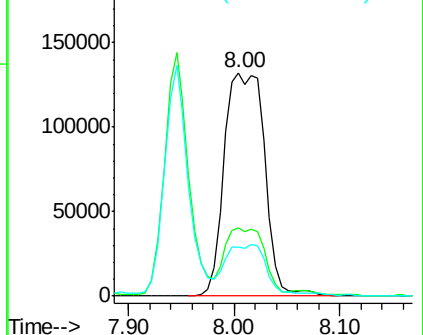
79 22.0 1.2 41.2

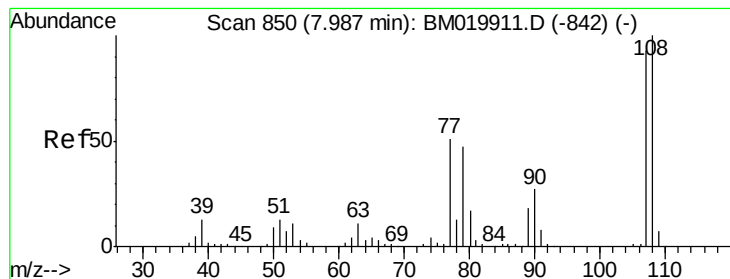


Abundance Ion 45.00 (44.70 to 45.70): BM019911.D (-853) (-)

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

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

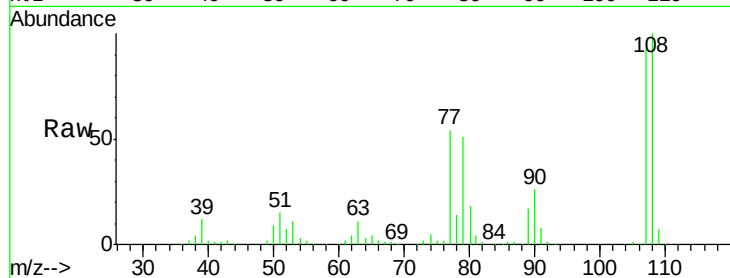




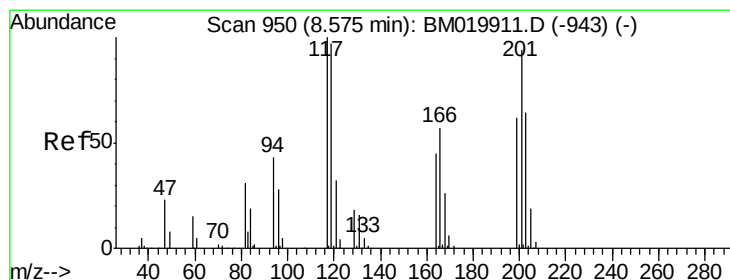
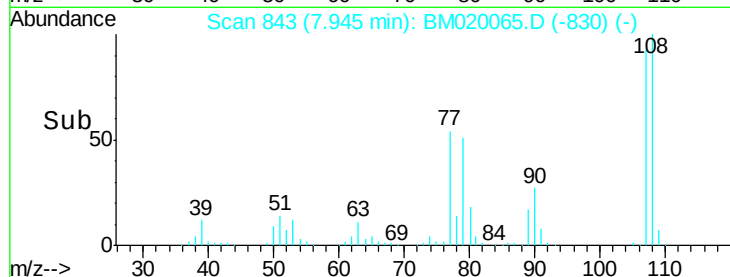
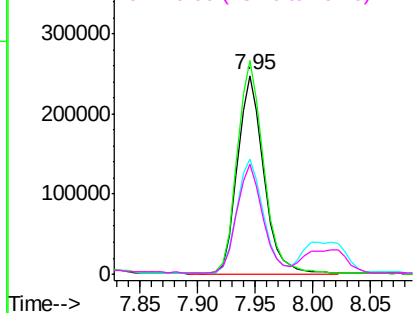
#17
2-Methylphenol
Concen: 37.761 ng
RT: 7.95 min Scan# 843
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	388337
Ion	Ratio	Lower	Upper
107	100		
108	107.3	85.9	128.9
77	58.1	43.8	65.6
79	55.2	41.1	61.7

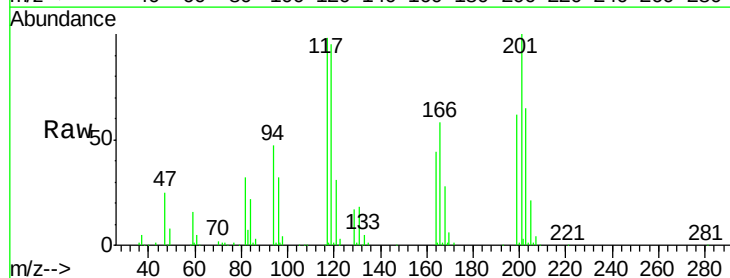


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

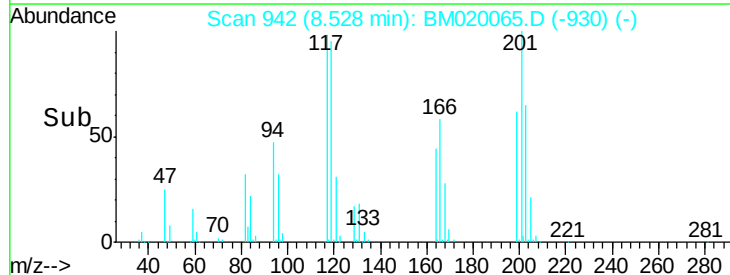
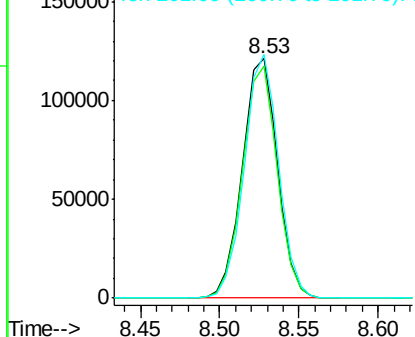


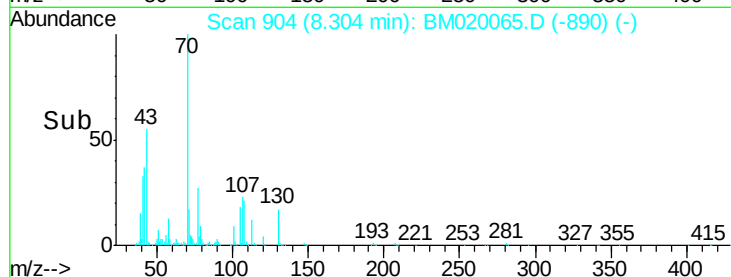
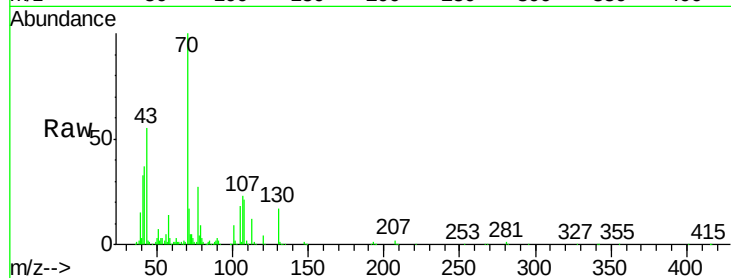
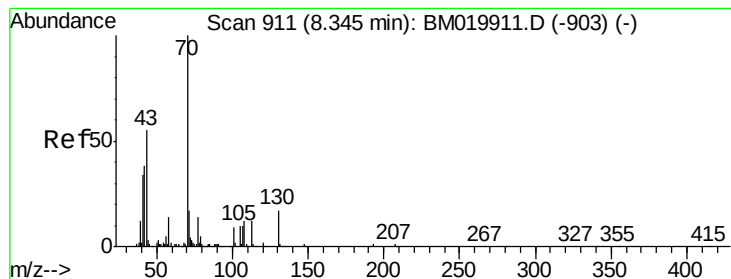
#18
Hexachloroethane
Concen: 38.512 ng
RT: 8.53 min Scan# 942
Delta R.T. -0.03 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion:	117	Resp:	187415
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.6	116.4
201	101.6	75.4	113.2



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





#19

n-Nitroso-di-n-propylamine

Concen: 32.918 ng

RT: 8.30 min Scan# 904

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 411532

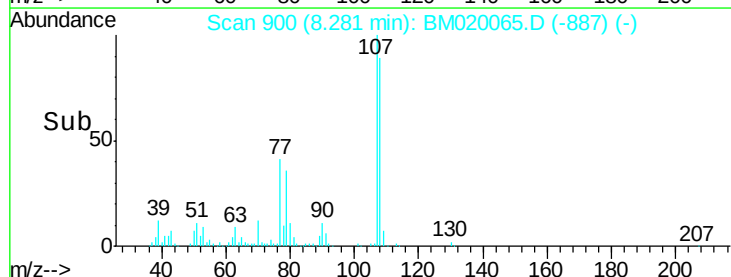
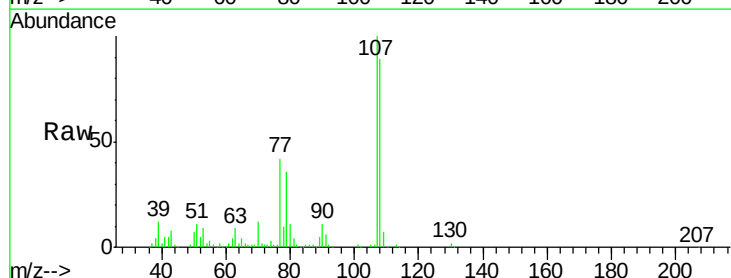
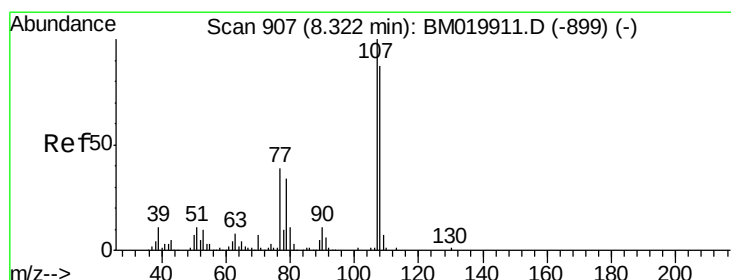
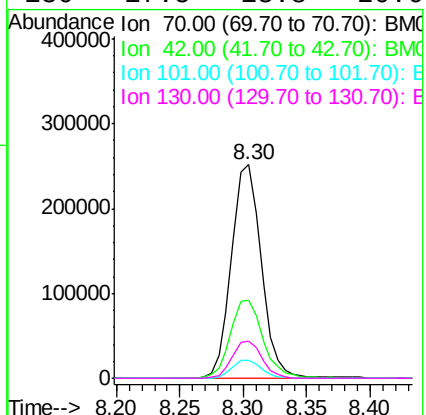
Ion Ratio Lower Upper

70 100

42 36.6 30.3 45.5

101 8.6 6.9 10.3

130 17.5 13.8 20.6



#20

3+4-Methylphenols

Concen: 36.452 ng

RT: 8.28 min Scan# 900

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Tgt Ion:107 Resp: 514973

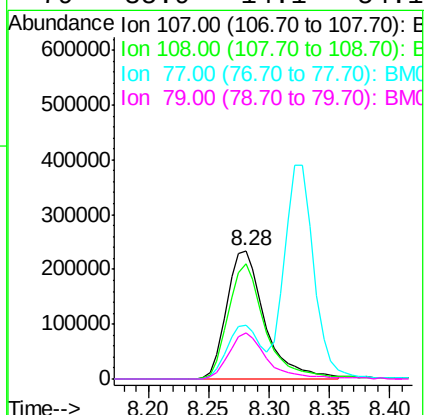
Ion Ratio Lower Upper

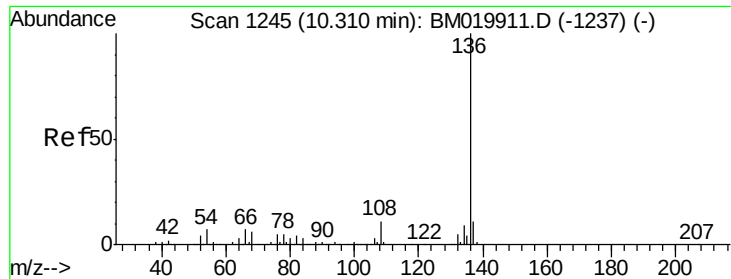
107 100

108 89.2 67.4 107.4

77 41.5 19.7 59.7

79 35.9 14.1 54.1

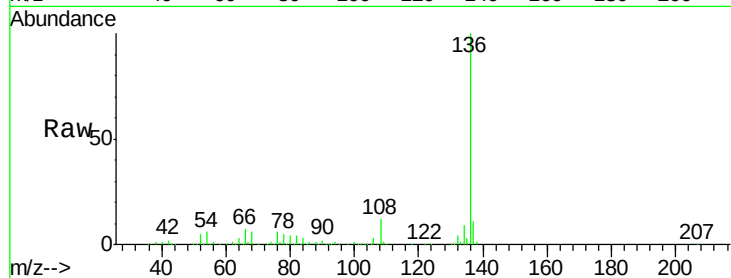




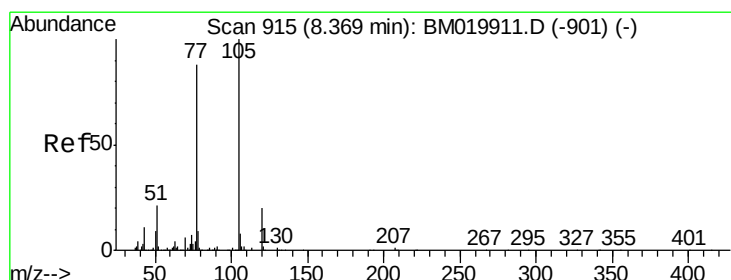
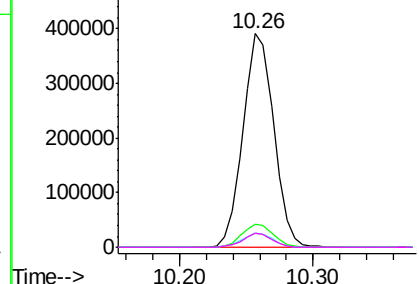
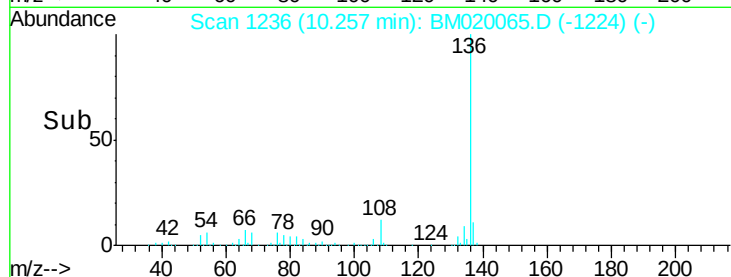
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1236
Delta R.T. -0.03 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	623106	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.0	13.6	
54 6.5	5.3	7.9	
68 6.4	5.2	7.8	

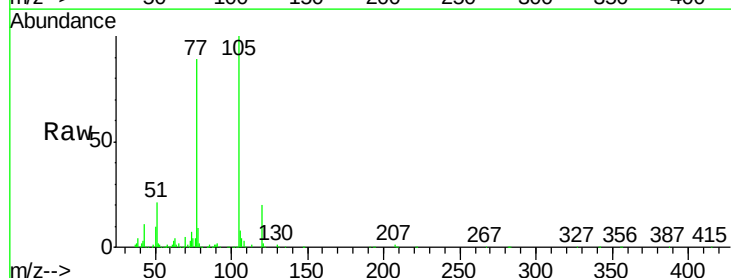


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

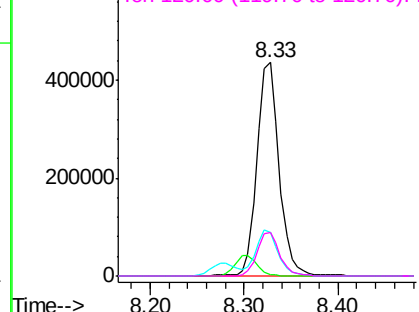
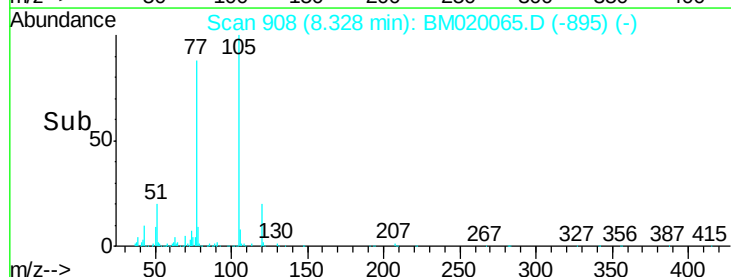


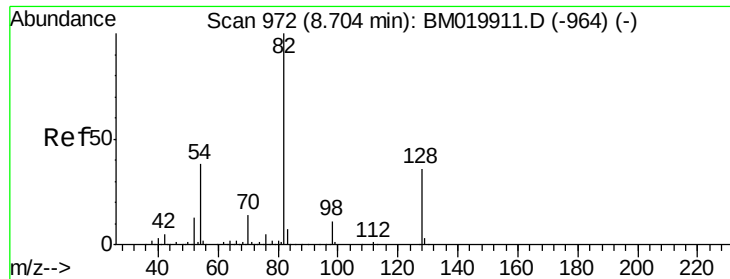
#22
Acetophenone
Concen: 42.033 ng
RT: 8.33 min Scan# 908
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt	Ion:105	Resp:	713360
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.8	1.2#
51	20.6	16.9	25.3
120	20.5	16.4	24.6



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

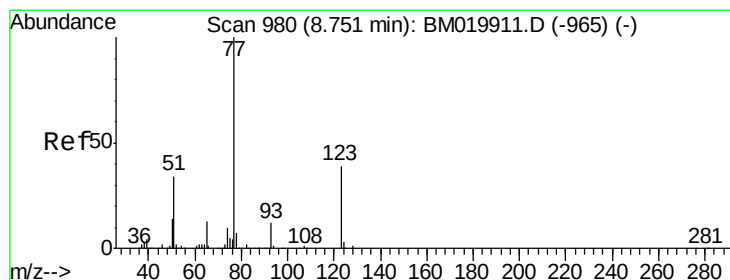
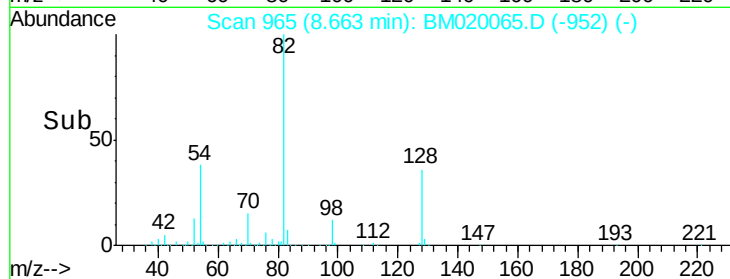
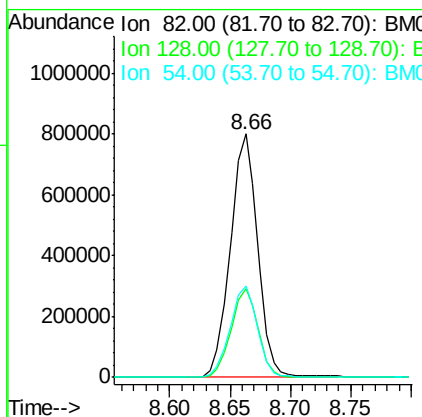
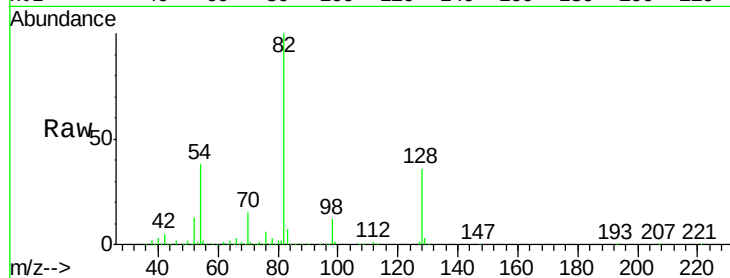




#23
 Nitrobenzene-d5
 Concen: 90.530 ng
 RT: 8.66 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

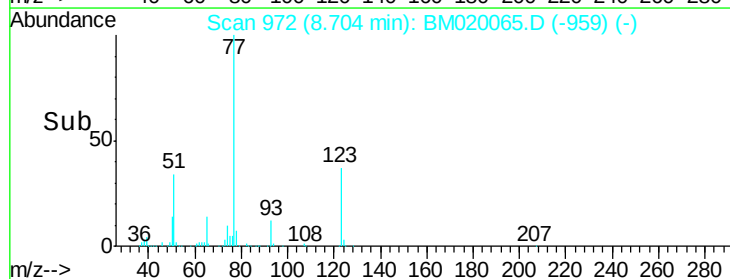
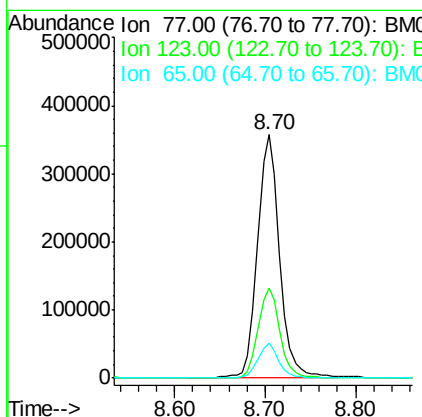
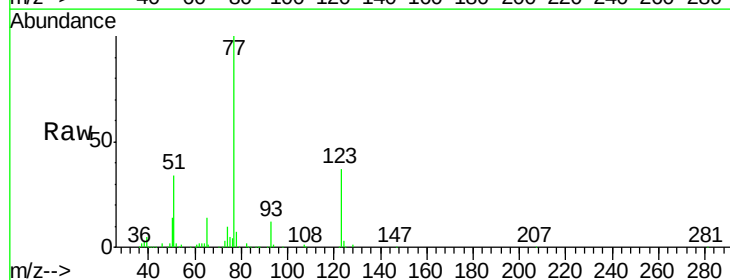
Instrument :
 BNA_M
 ClientSampled :

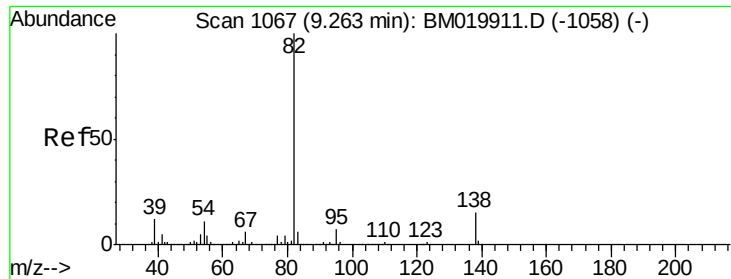
Tot Ion: 82 Resp: 1261366
 Ion Ratio Lower Upper
 82 100
 128 36.4 29.0 43.4
 54 37.7 30.2 45.4



#24
 Nitrobenzene
 Concen: 41.602 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion: 77 Resp: 600468
 Ion Ratio Lower Upper
 77 100
 123 37.1 31.0 46.4
 65 14.1 10.6 16.0





#25

Isophorone

Concen: 37.425 ng

RT: 9.22 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

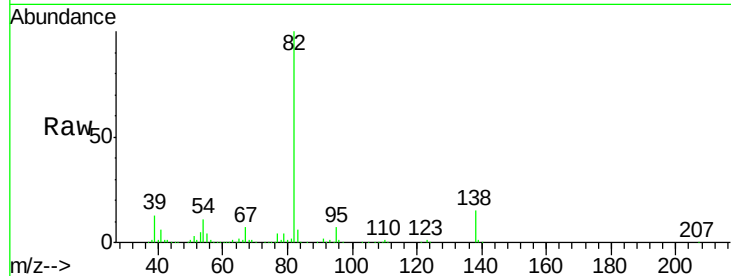
Tot Ion: 82 Resp: 1015068

Ion Ratio Lower Upper

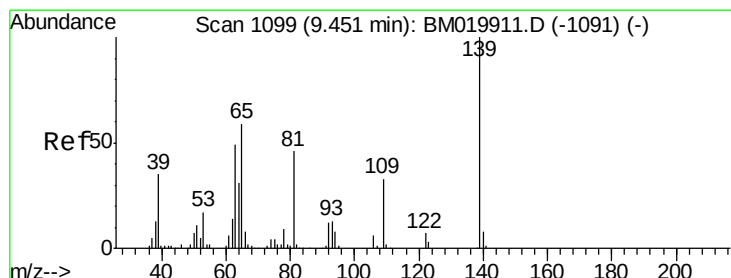
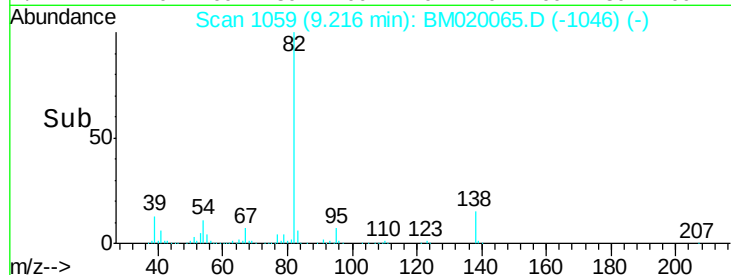
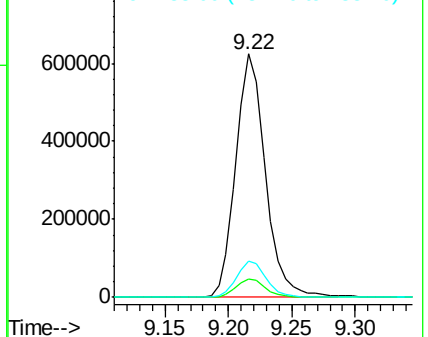
82 100

95 7.3 5.5 8.3

138 15.0 12.2 18.2



Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 38.751 ng

RT: 9.40 min Scan# 1091

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

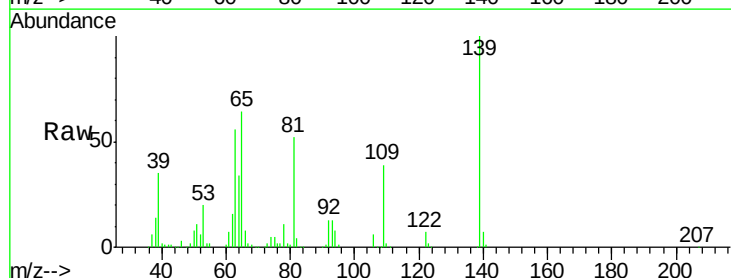
Tgt Ion: 139 Resp: 238353

Ion Ratio Lower Upper

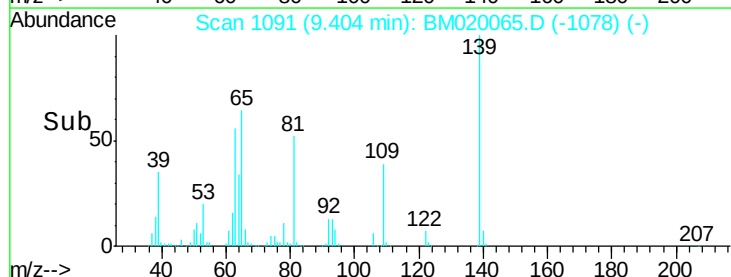
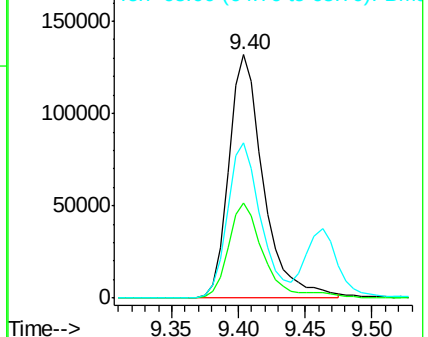
139 100

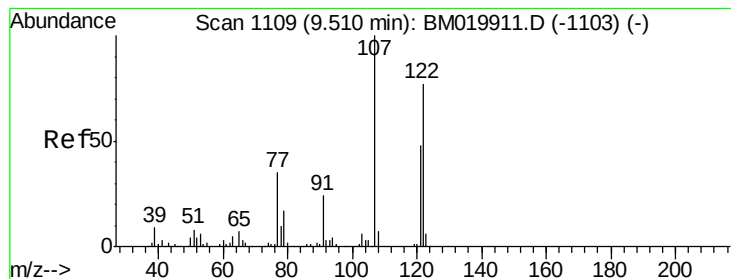
109 39.2 26.3 39.5

65 64.0 47.4 71.2



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): BM0

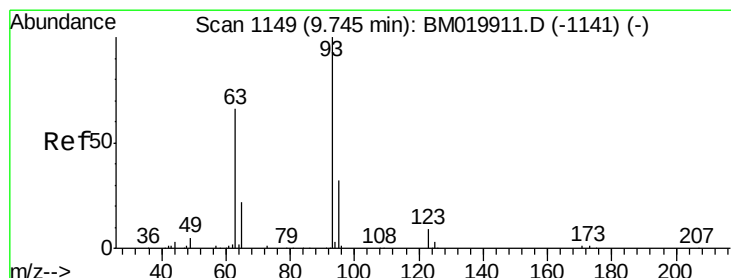
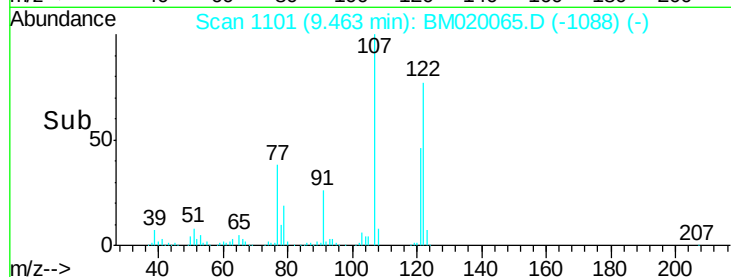
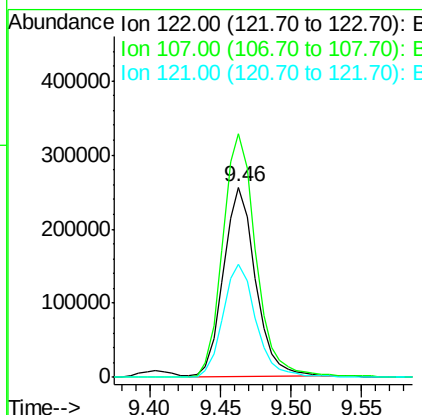
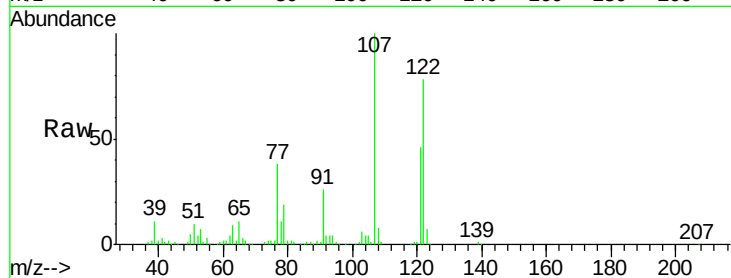




#27
 2,4-Dimethylphenol
 Concen: 46.707 ng
 RT: 9.46 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

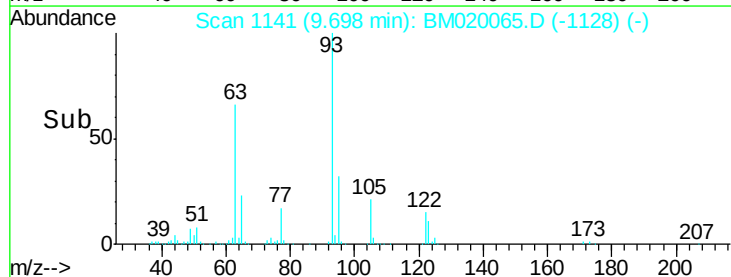
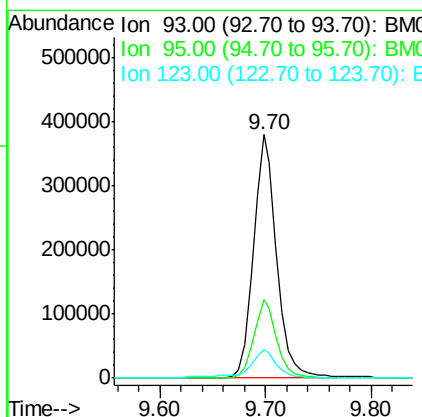
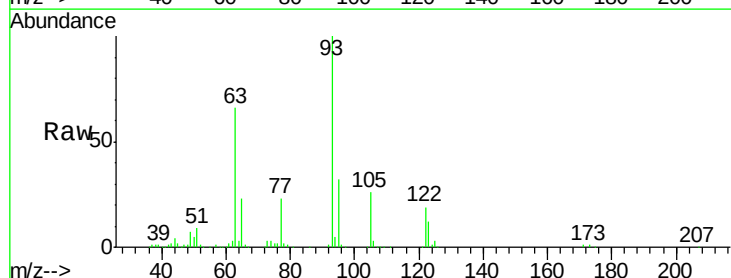
Instrument :
 BNA_M
 ClientSampleId :

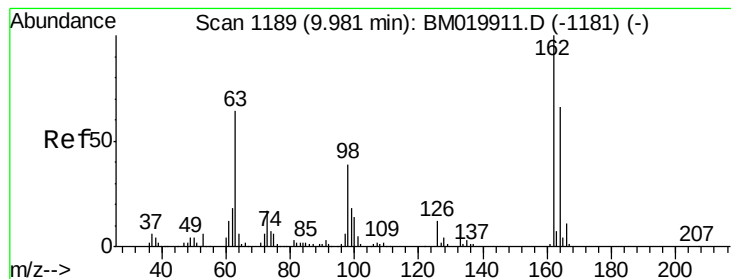
Tot Ion:122 Resp: 406200
 Ion Ratio Lower Upper
 122 100
 107 128.1 103.1 154.7
 121 59.6 49.8 74.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.333 ng
 RT: 9.70 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion: 93 Resp: 582186
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.8 38.8
 123 11.6 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 41.621 ng

RT: 9.93 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

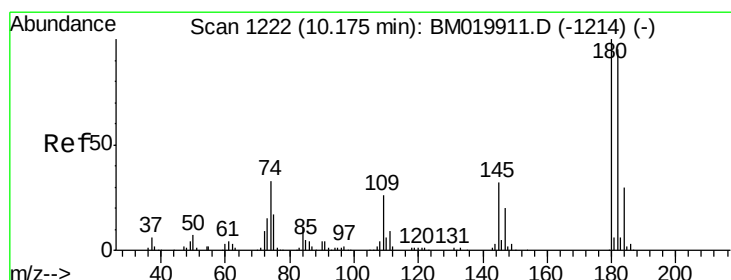
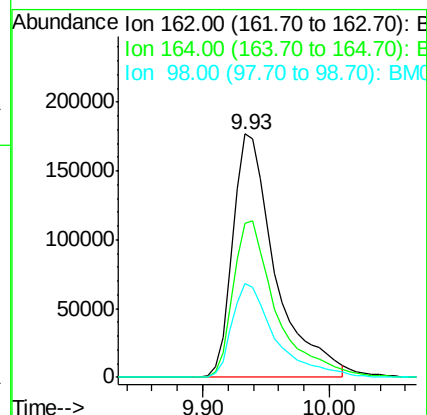
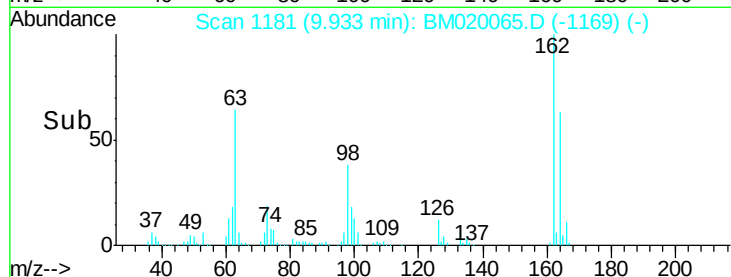
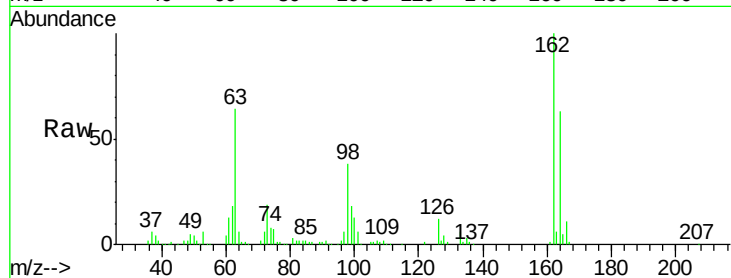
Tot Ion:162 Resp: 411102

Ion Ratio Lower Upper

162 100

164 63.5 46.3 86.3

98 38.5 19.2 59.2



#30

1,2,4-Trichlorobenzene

Concen: 42.972 ng

RT: 10.13 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

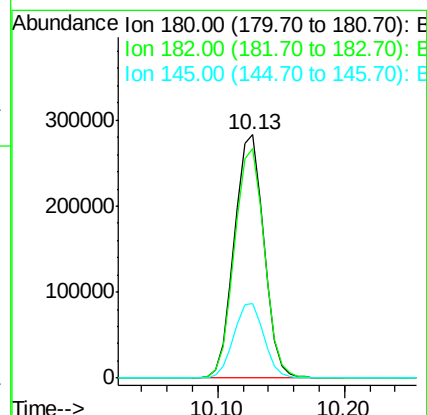
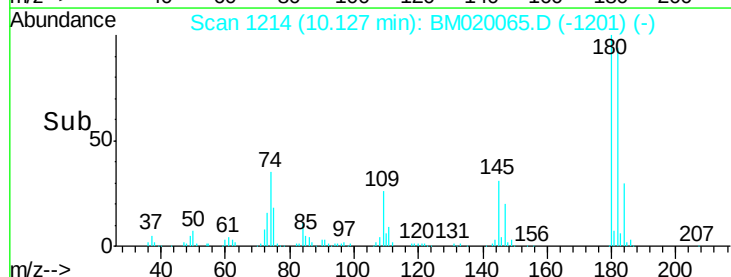
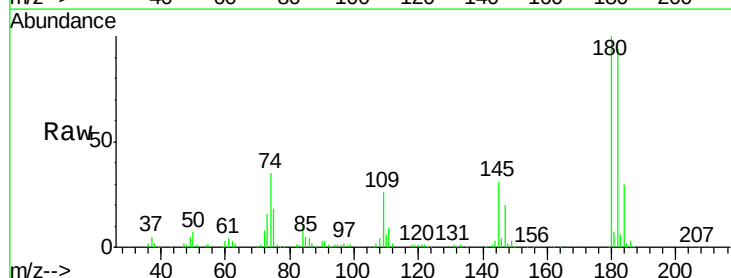
Tgt Ion:180 Resp: 456826

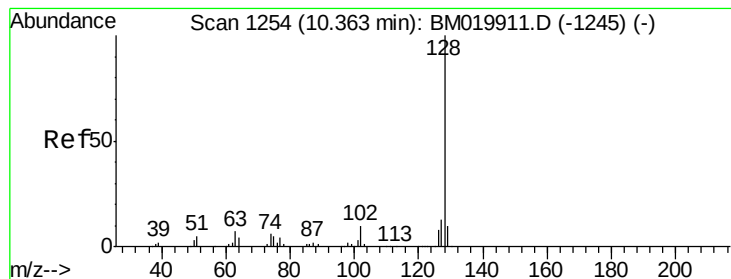
Ion Ratio Lower Upper

180 100

182 94.5 76.3 114.5

145 30.6 25.5 38.3





#31

Naphthalene

Concen: 40.573 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.03 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

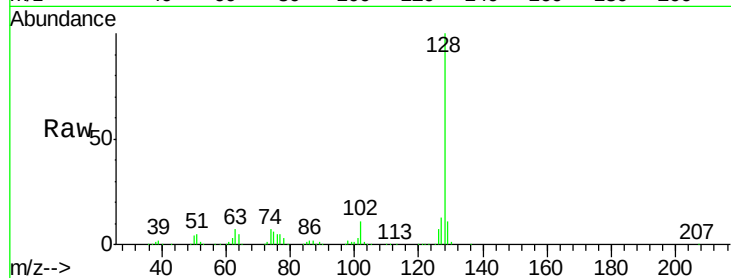
Tot Ion:128 Resp: 1356019

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

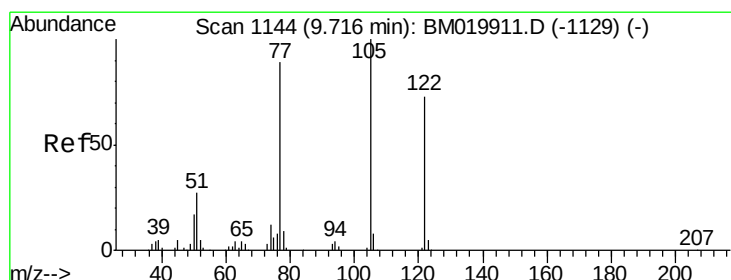
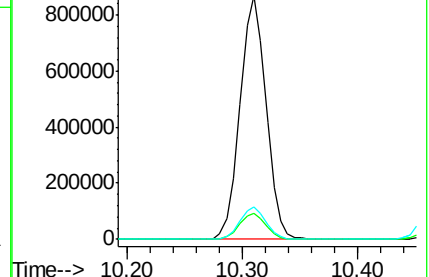
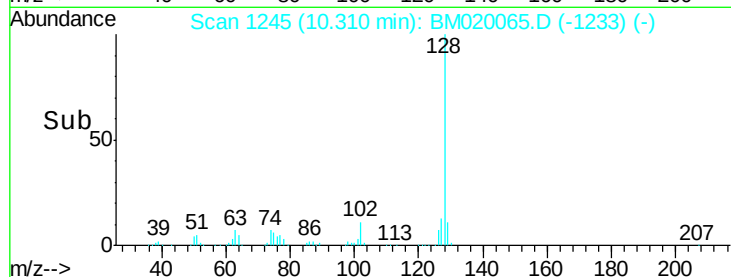
127 13.2 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.113 ng

RT: 9.69 min Scan# 1140

Delta R.T. 0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

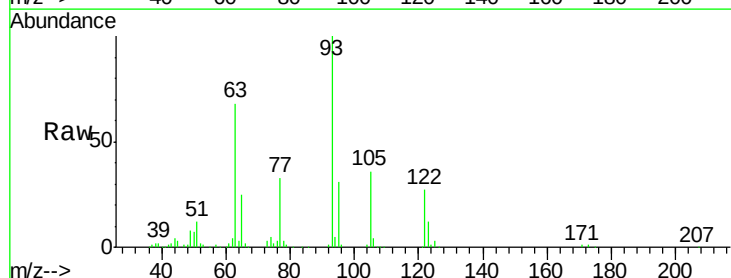
Tgt Ion:122 Resp: 256860

Ion Ratio Lower Upper

122 100

105 131.4 114.8 154.8

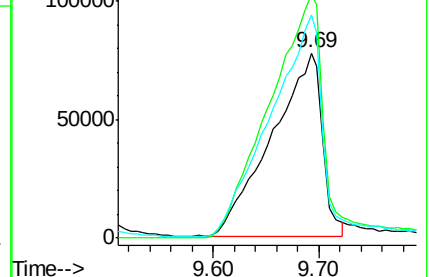
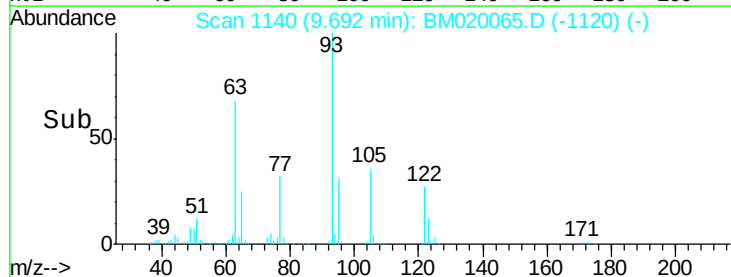
77 120.1 100.2 140.2

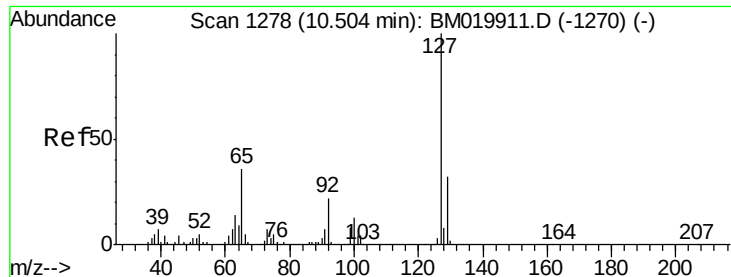


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

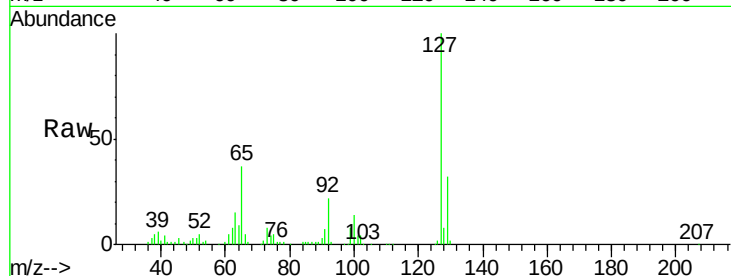




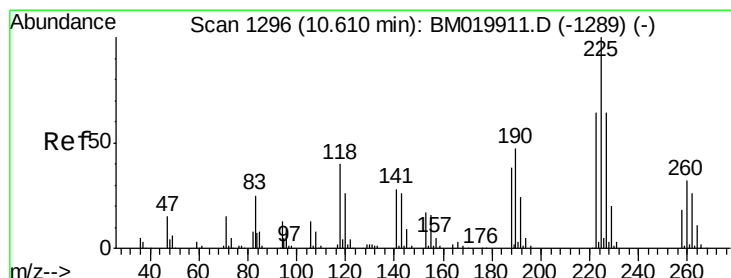
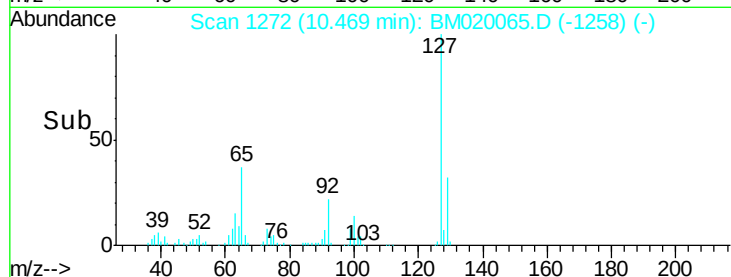
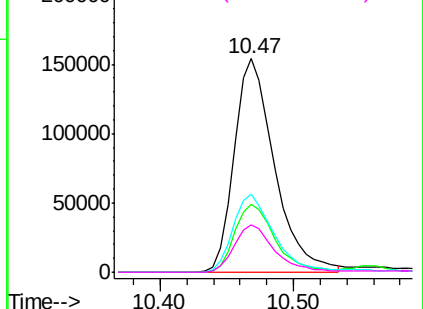
#33
4-Chloroaniline
Concen: 23.477 ng
RT: 10.47 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	323239
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.0
65	36.6	29.2	43.8
92	22.0	17.5	26.3

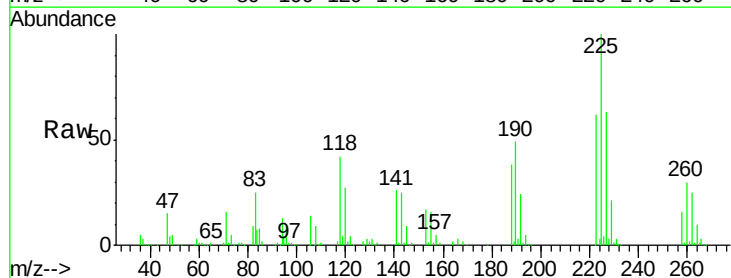


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

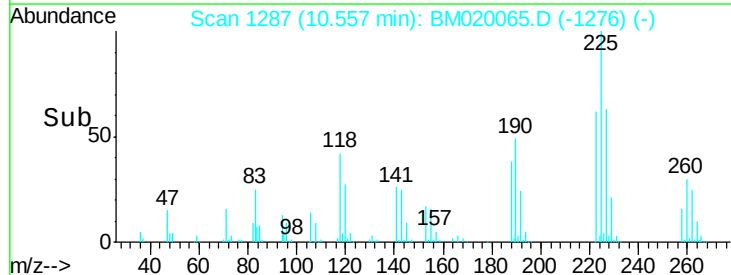
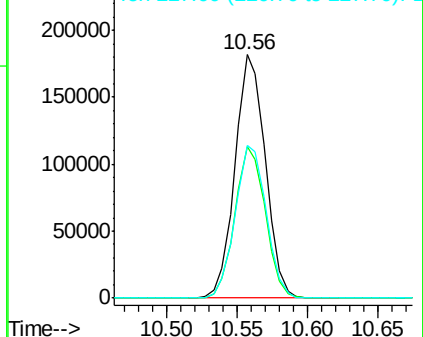


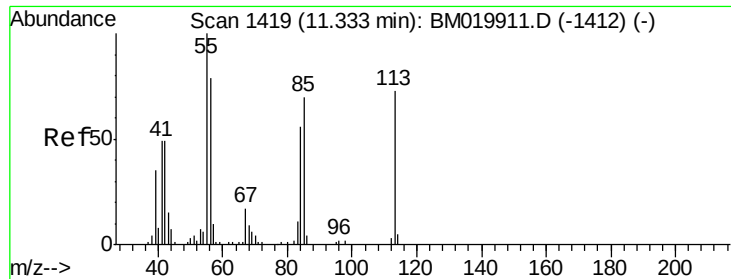
#34
Hexachlorobutadiene
Concen: 43.482 ng
RT: 10.56 min Scan# 1287
Delta R.T. -0.04 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion:	225	Resp:	272627
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.4	77.2
227	62.8	51.0	76.6



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

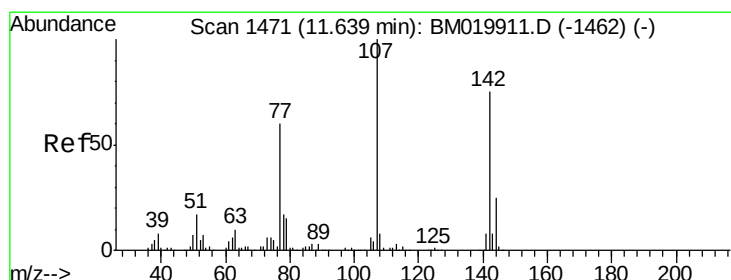
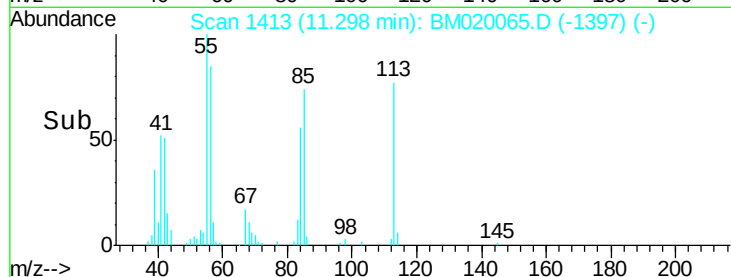
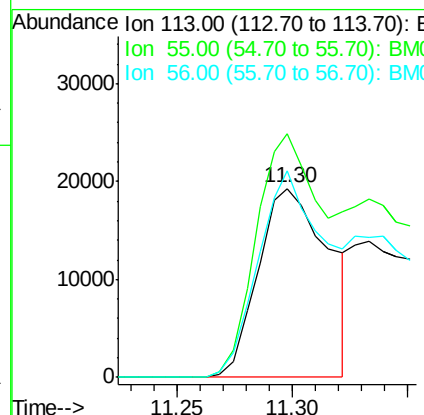
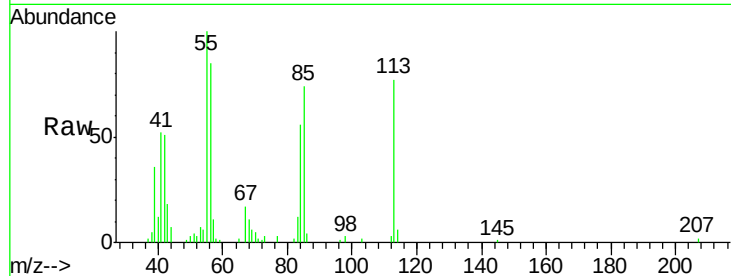




#35
 Caprolactam
 Concen: 10.907 ng
 RT: 11.30 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

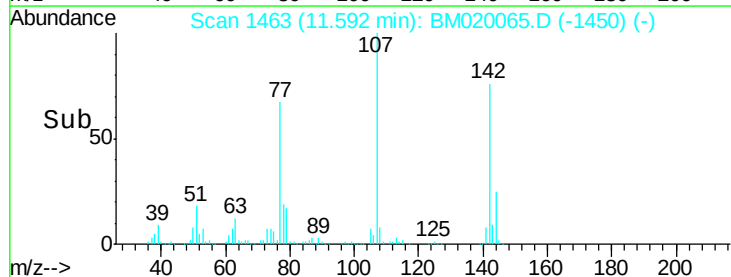
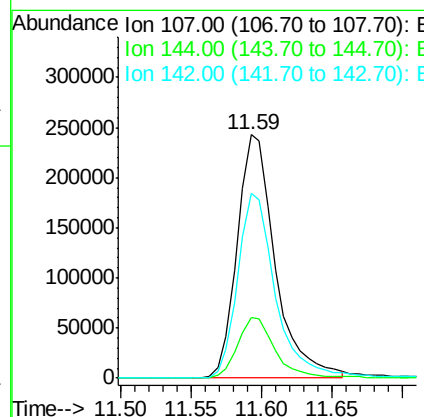
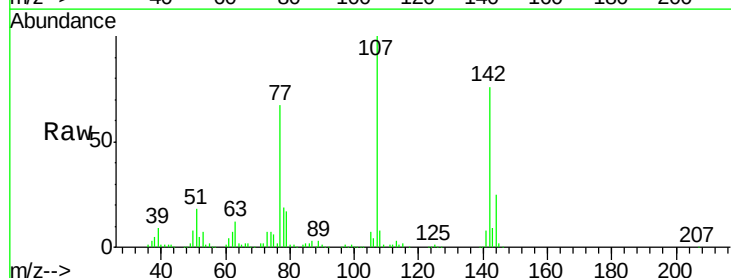
Instrument :
 BNA_M
 ClientSampleId :

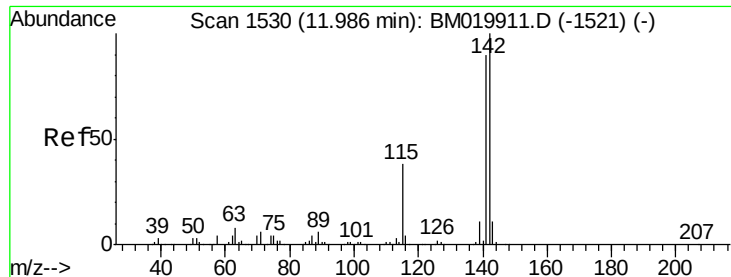
Tot Ion:113 Resp: 40778
 Ion Ratio Lower Upper
 113 100
 55 129.1 117.1 157.1
 56 109.8 88.2 128.2



#36
 4-Chloro-3-methylphenol
 Concen: 37.409 ng
 RT: 11.59 min Scan# 1463
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion:107 Resp: 459116
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.8 29.8
 142 76.0 60.3 90.5

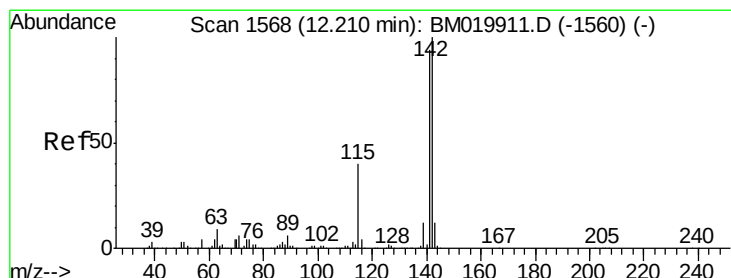
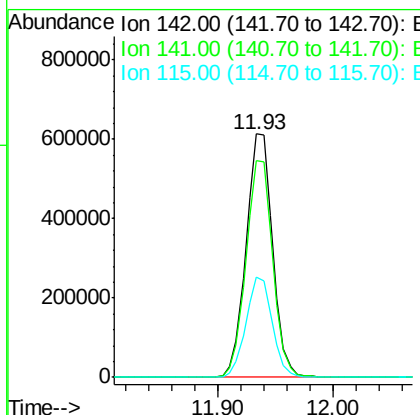
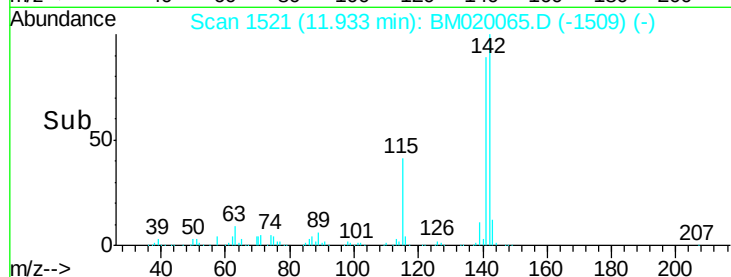
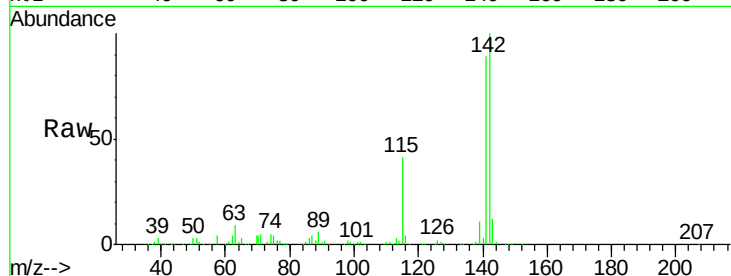




#37
2-Methylnaphthalene
Concen: 40.384 ng
RT: 11.93 min Scan# 1521
Delta R.T. -0.03 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

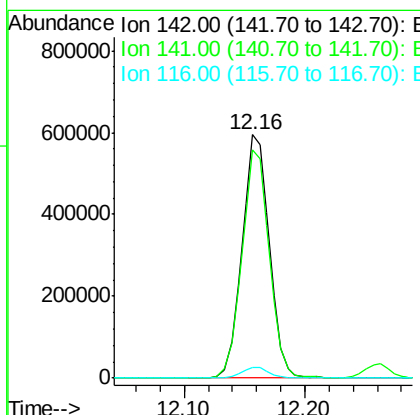
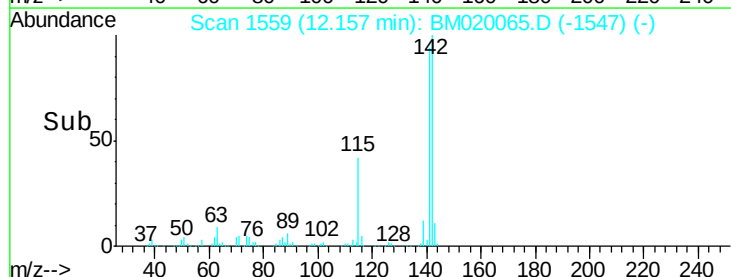
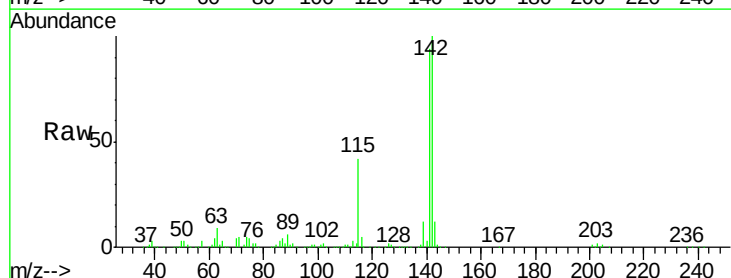
Instrument :
BNA_M
ClientSampleId :

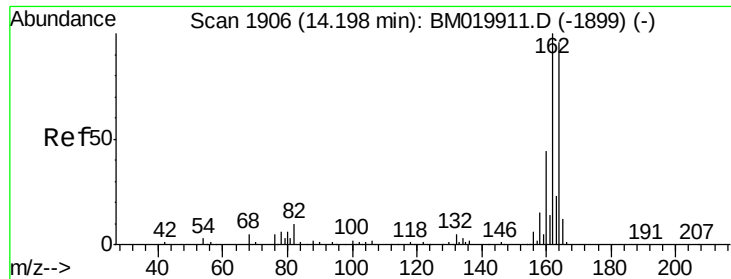
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.3	108.5
115	41.4	30.5	45.7



#38
1-Methylnaphthalene
Concen: 38.882 ng
RT: 12.16 min Scan# 1559
Delta R.T. -0.03 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.7	113.5
116	4.5	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

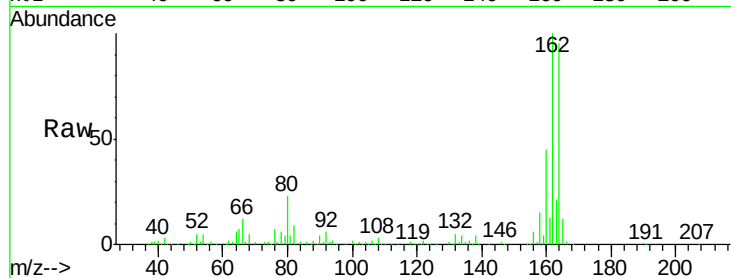
Tot Ion:164 Resp: 349102

Ion Ratio Lower Upper

164 100

162 104.9 83.0 124.4

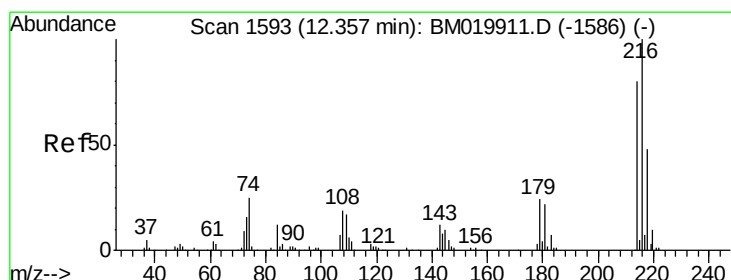
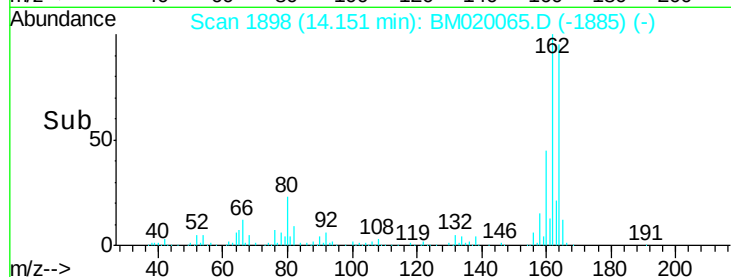
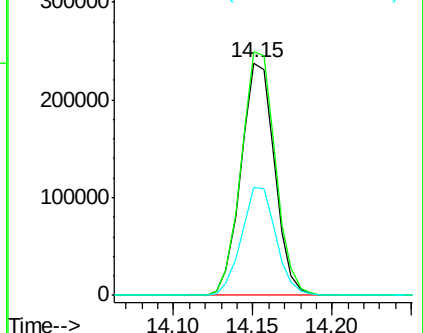
160 46.8 36.6 55.0



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: 44.936 ng

RT: 12.31 min Scan# 1585

Delta R.T. -0.03 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Tgt Ion:216 Resp: 483941

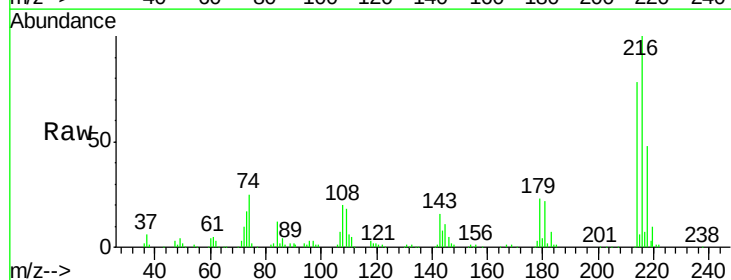
Ion Ratio Lower Upper

216 100

214 78.7 63.1 94.7

179 23.3 19.0 28.6

108 20.0 16.3 24.5

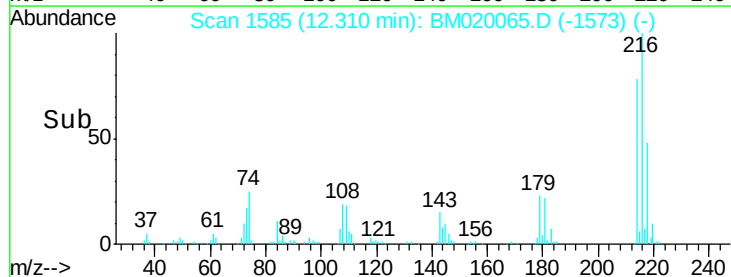
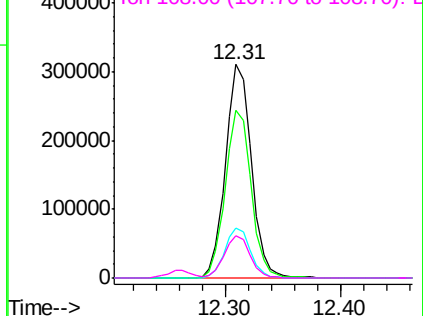


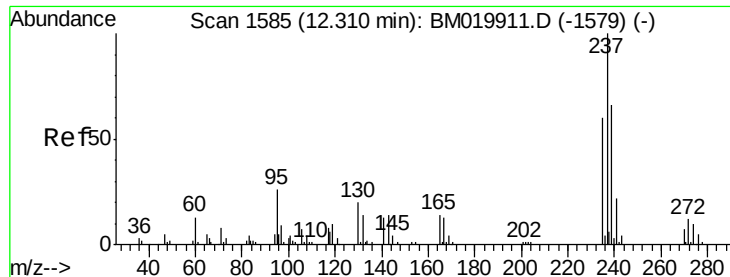
Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.320 ng

RT: 12.26 min Scan# 1577

Delta R.T. -0.03 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

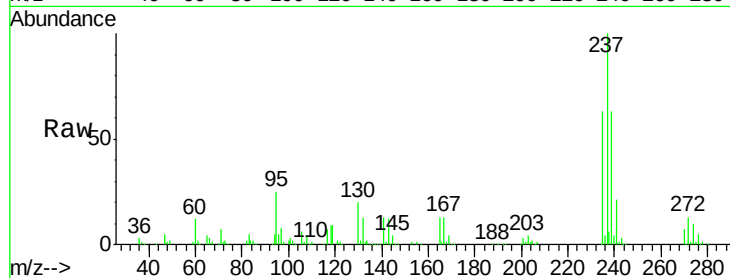
Tot Ion:237 Resp: 360020

Ion Ratio Lower Upper

237 100

235 62.7 40.4 80.4

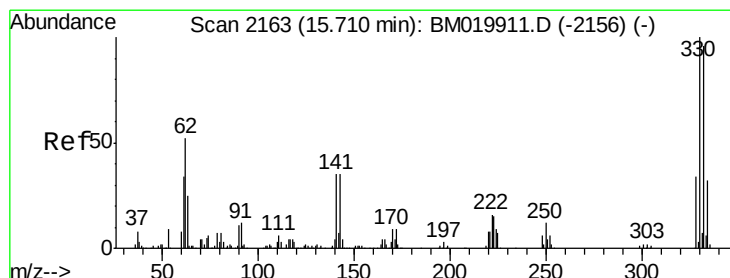
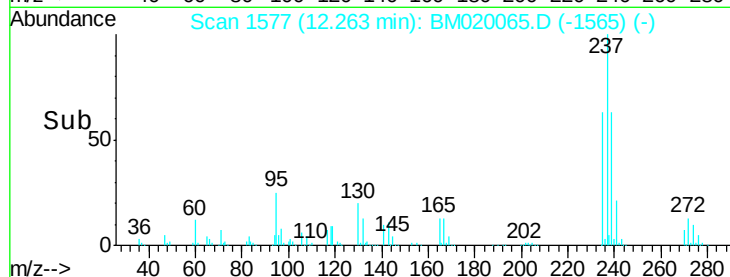
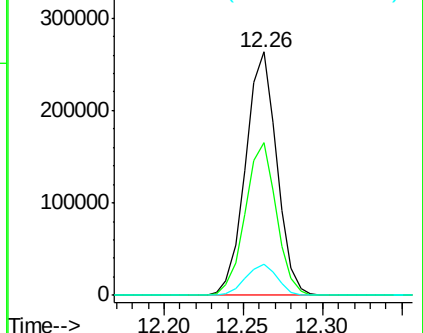
272 13.0 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 133.263 ng

RT: 15.67 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

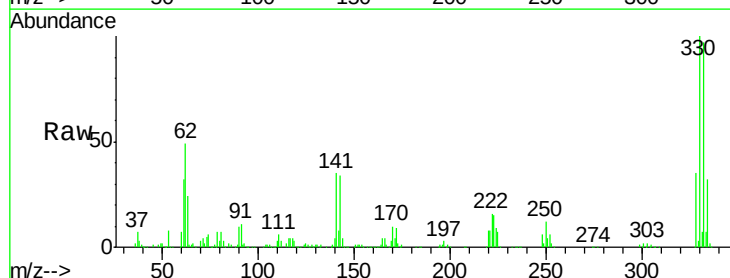
Tgt Ion:330 Resp: 748879

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

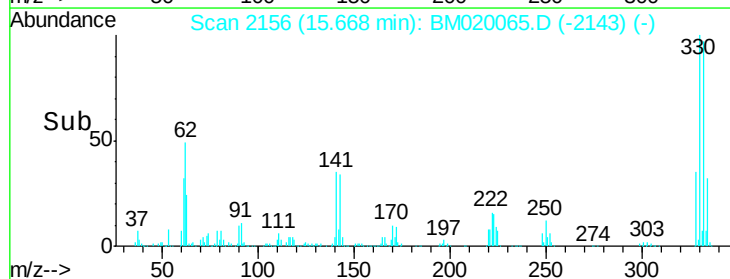
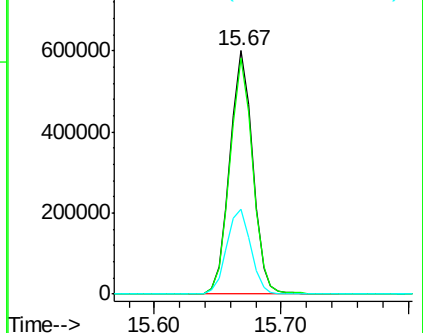
141 37.1 29.0 43.4

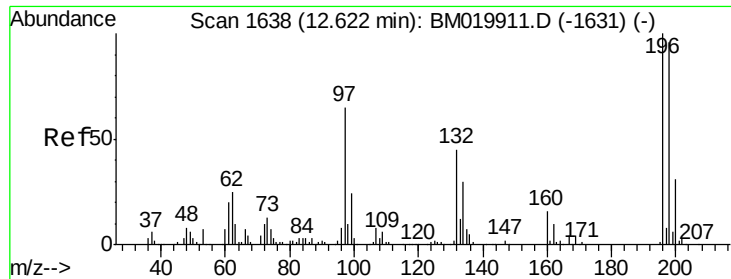


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

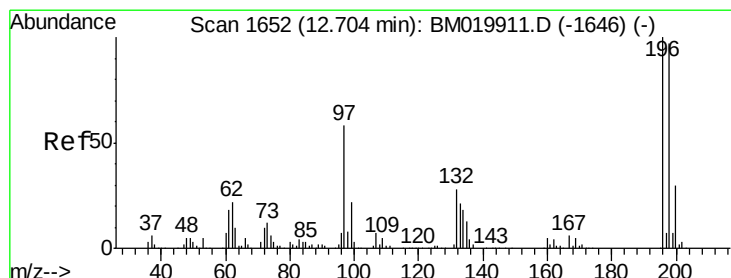
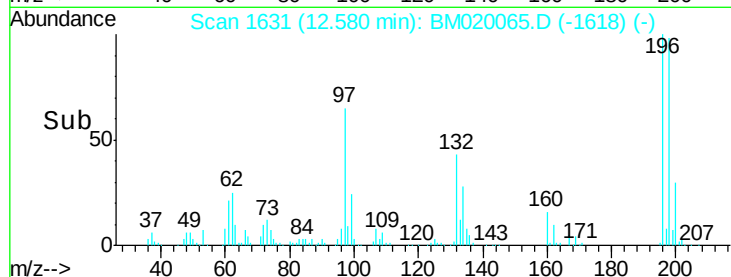
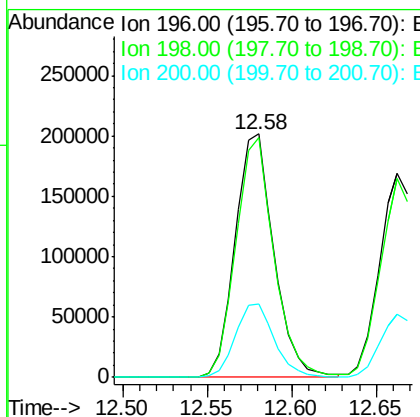
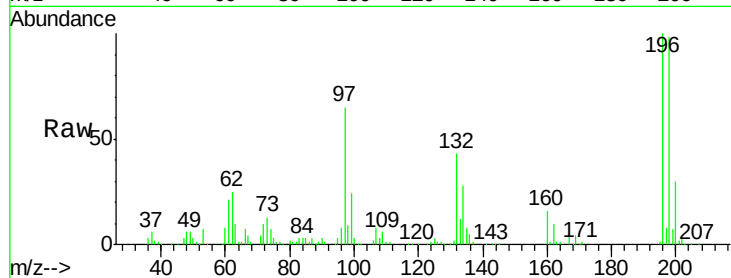




#43
 2,4,6-Trichlorophenol
 Concen: 44.172 ng
 RT: 12.58 min Scan# 1631
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

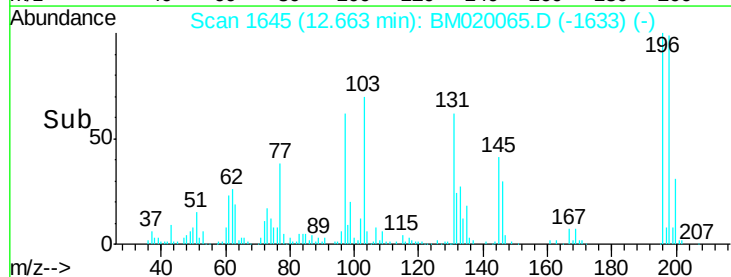
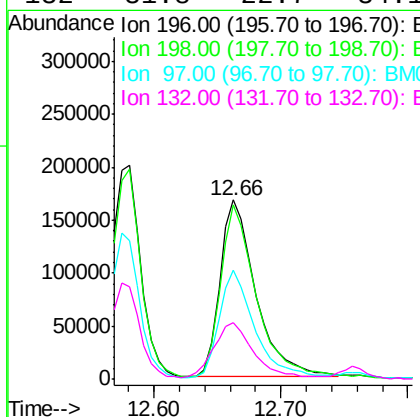
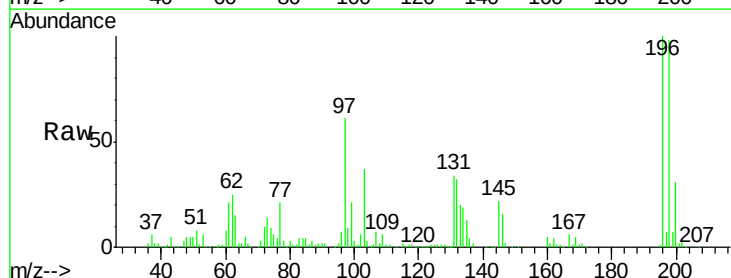
Instrument :
 BNA_M
 ClientSampleId :

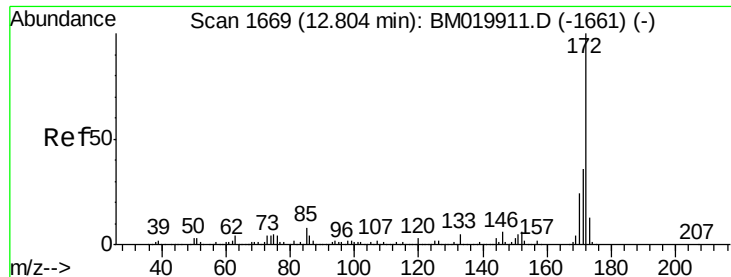
Tot Ion:196 Resp: 322521
 Ion Ratio Lower Upper
 196 100
 198 98.3 76.8 115.2
 200 30.4 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.883 ng
 RT: 12.66 min Scan# 1645
 Delta R.T. -0.03 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion:196 Resp: 325879
 Ion Ratio Lower Upper
 196 100
 198 97.8 77.8 116.8
 97 60.7 46.2 69.2
 132 31.8 22.7 34.1

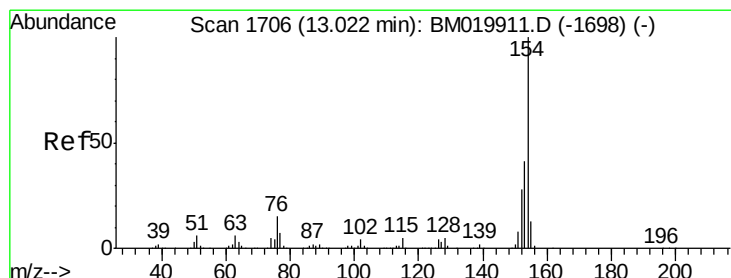
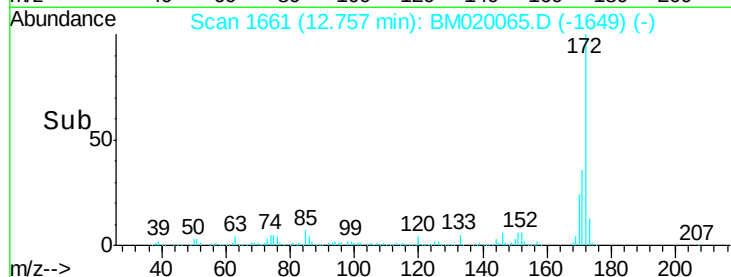
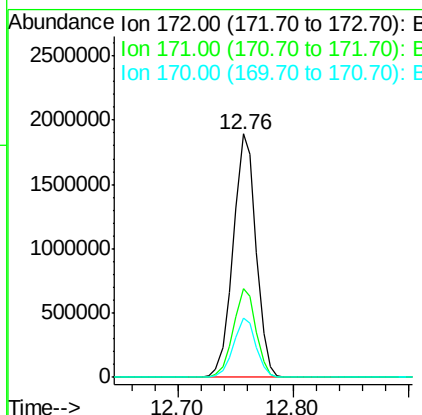
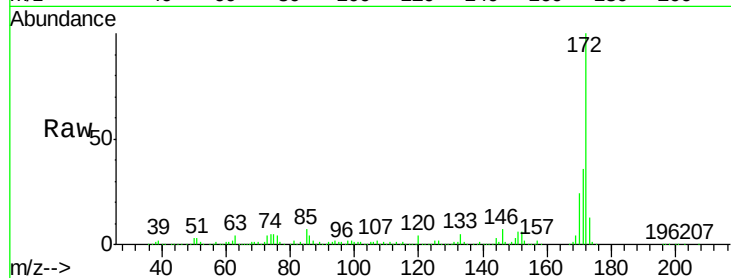




#45
2-Fluorobiphenyl
Concen: 92.470 ng
RT: 12.76 min Scan# 1661
Delta R.T. -0.03 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

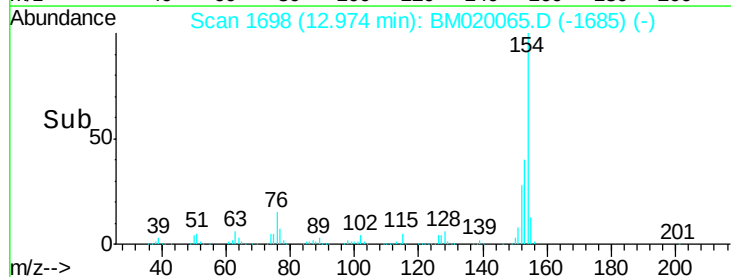
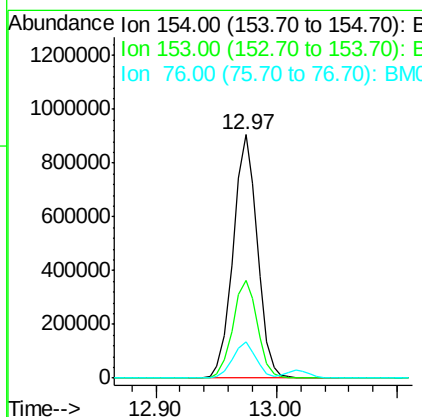
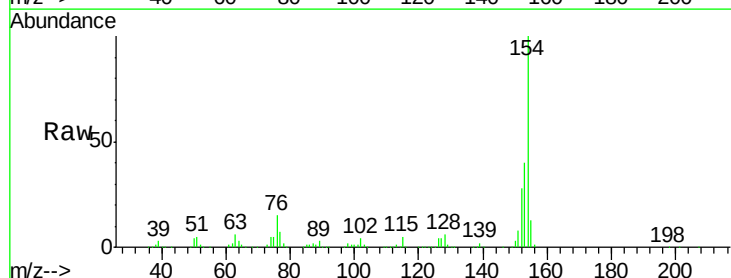
Instrument :
BNA_M
ClientSampleId :

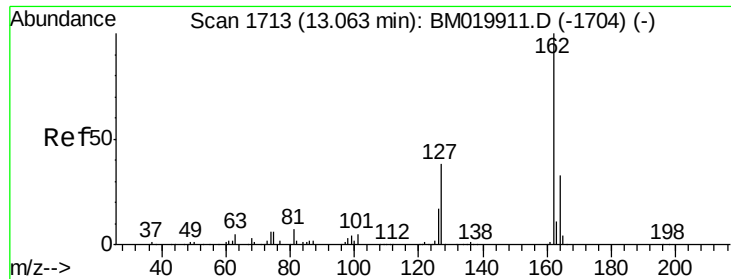
Tot Ion:172 Resp: 2590336
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 24.2 19.0 28.4



#46
1,1'-Biphenyl
Concen: 41.775 ng
RT: 12.97 min Scan# 1698
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion:154 Resp: 1263139
Ion Ratio Lower Upper
154 100
153 40.2 21.0 61.0
76 14.7 0.0 34.8

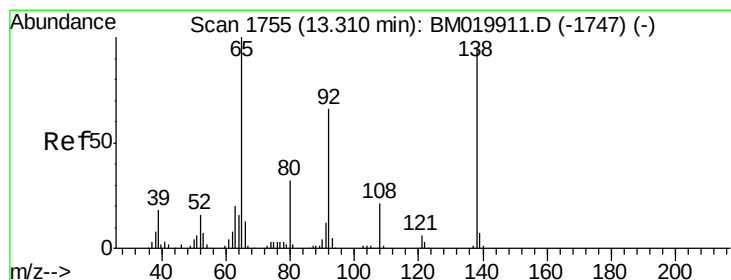
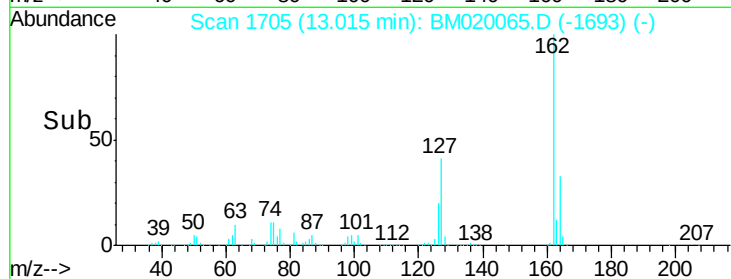
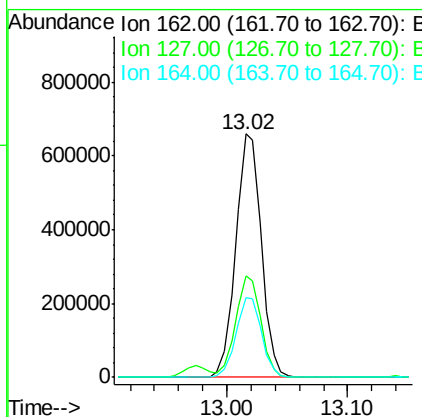
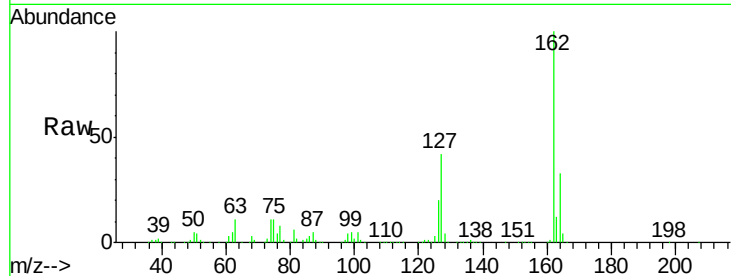




#47
2-Chloronaphthalene
Concen: 42.259 ng
RT: 13.02 min Scan# 1705
Delta R.T. -0.03 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

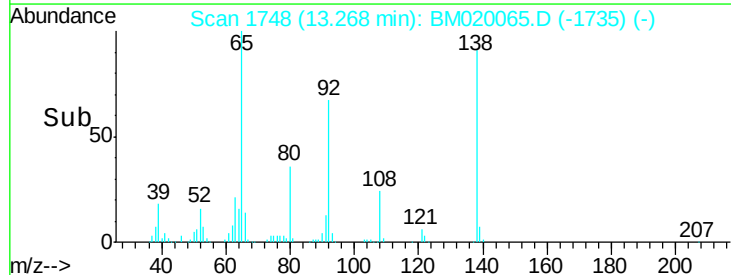
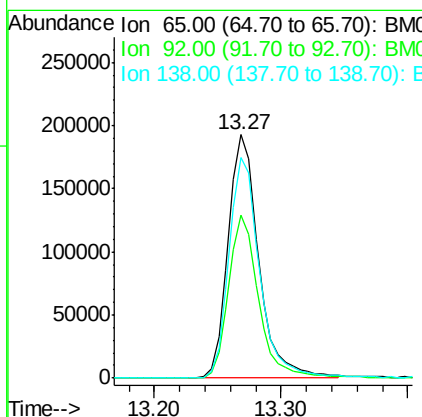
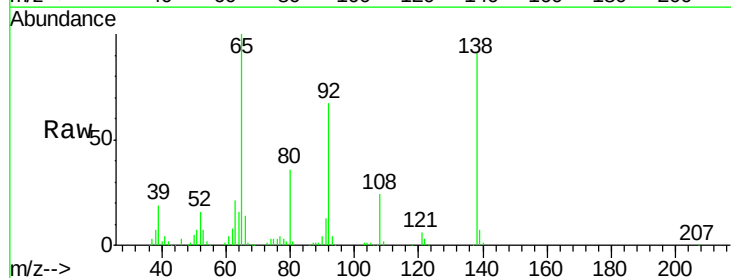
Instrument :
BNA_M
ClientSampleId :

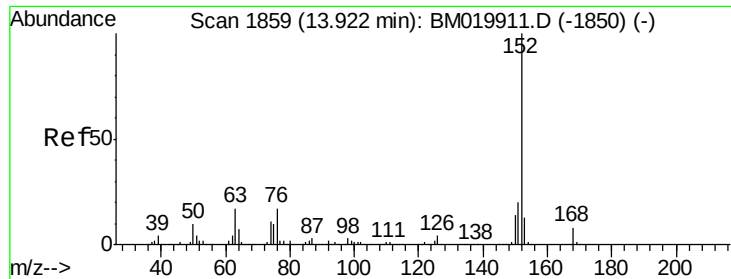
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.3	48.5
164	32.7	26.3	39.5



#48
2-Nitroaniline
Concen: 38.834 ng
RT: 13.27 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.7	52.9	79.3
138	90.6	75.8	113.6





#49

Acenaphthylene

Concen: 39.131 ng

RT: 13.87 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

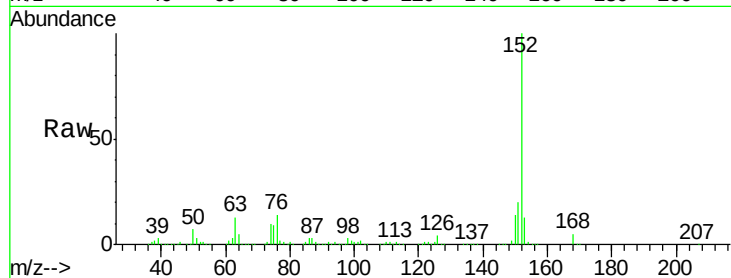
Tot Ion:152 Resp: 1570290

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

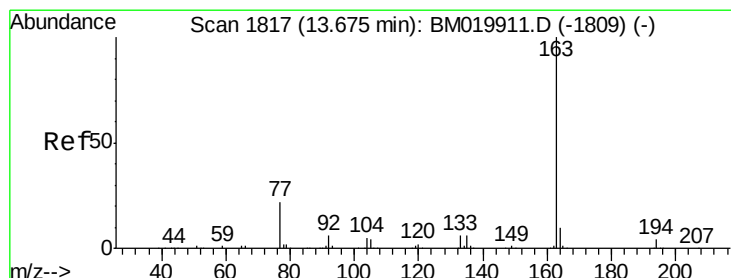
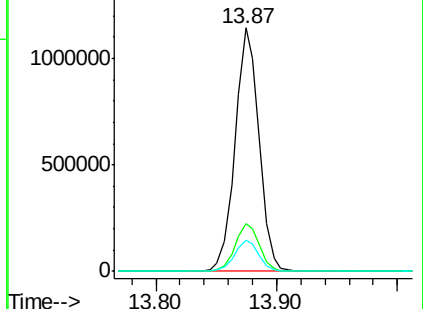
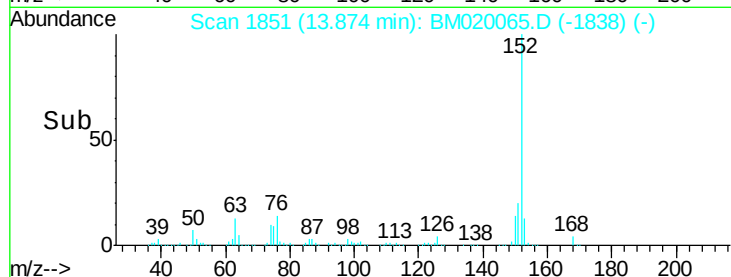
153 13.0 10.6 16.0



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: 39.766 ng

RT: 13.63 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

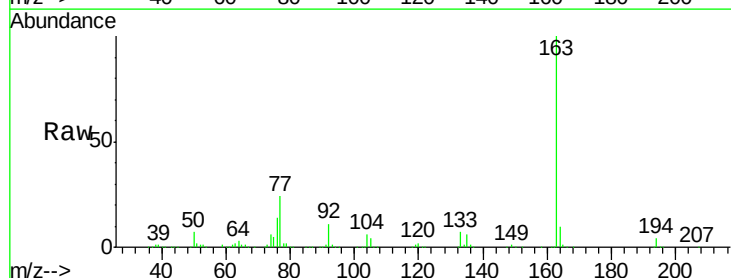
Tgt Ion:163 Resp: 1224513

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

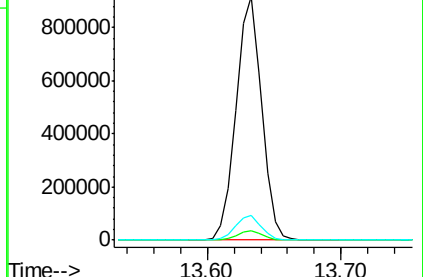
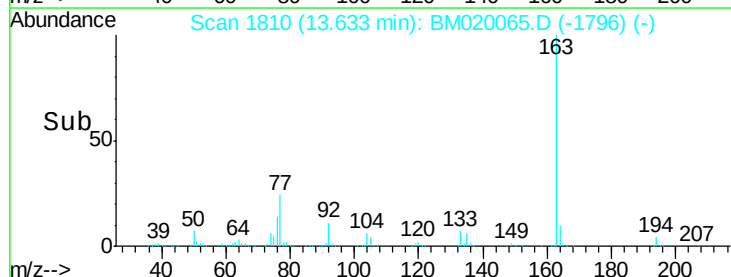
164 10.1 7.9 11.9

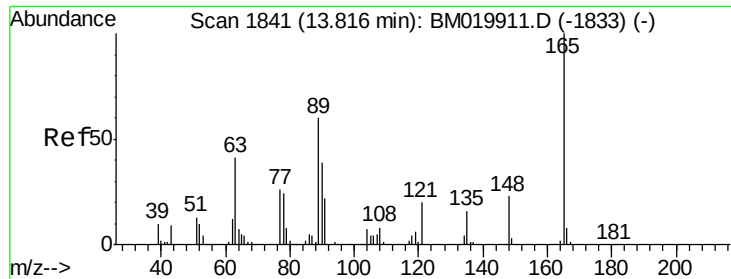


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

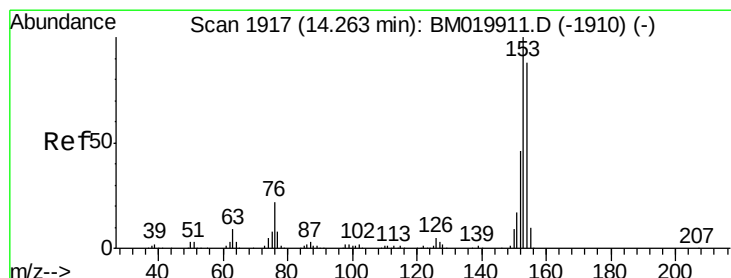
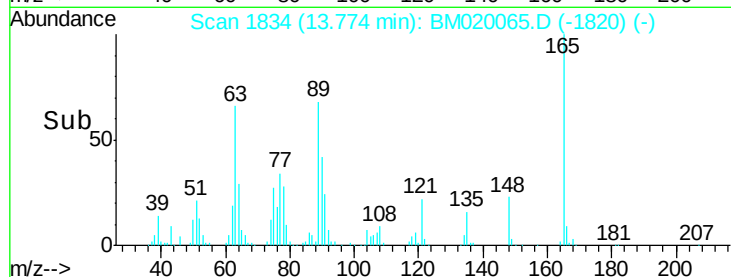
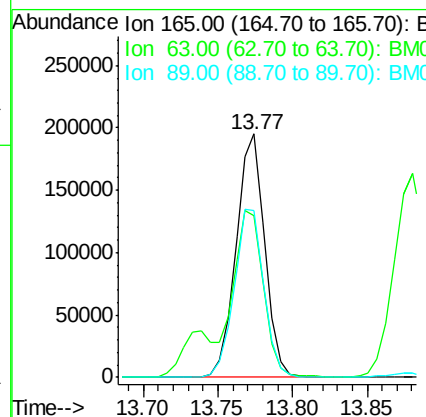
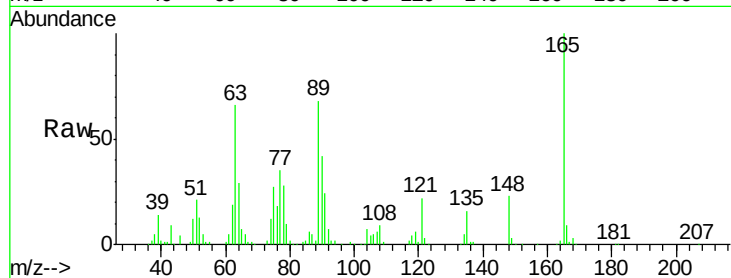




#51
 2,6-Dinitrotoluene
 Concen: 38.249 ng
 RT: 13.77 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

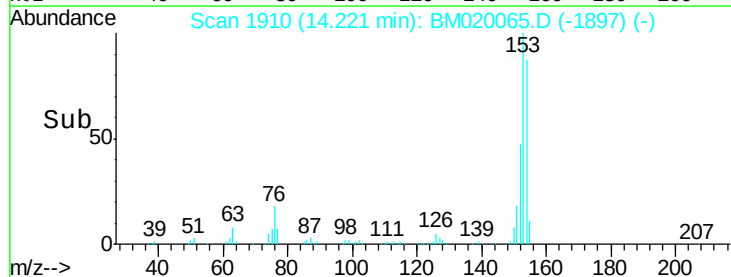
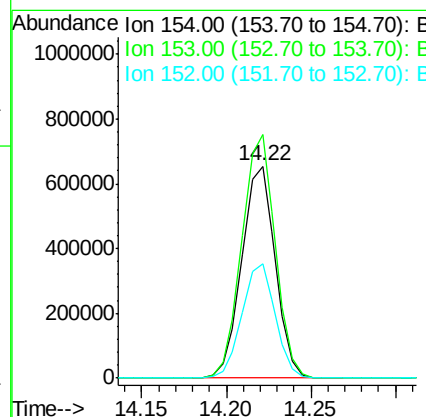
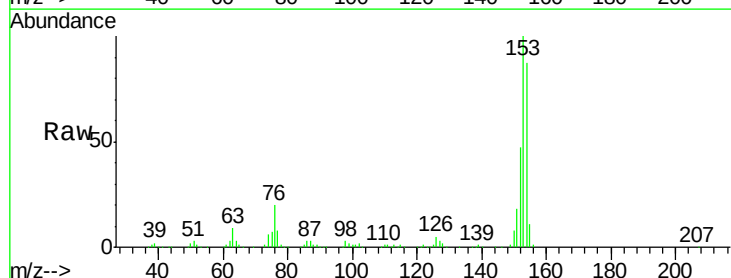
Instrument :
 BNA_M
 ClientSampleId :

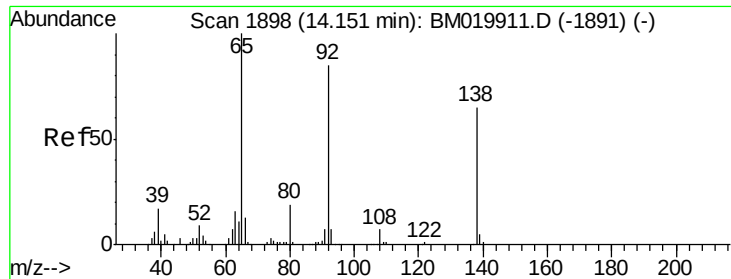
Tot Ion	Ratio	Lower	Upper
165	100		
63	66.2	48.5	72.7
89	68.5	48.2	72.4



#52
 Acenaphthene
 Concen: 40.657 ng
 RT: 14.22 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.0	136.4
152	53.9	42.2	63.2





#53

3-Nitroaniline

Concen: 24.390 ng

RT: 14.12 min Scan# 1892

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

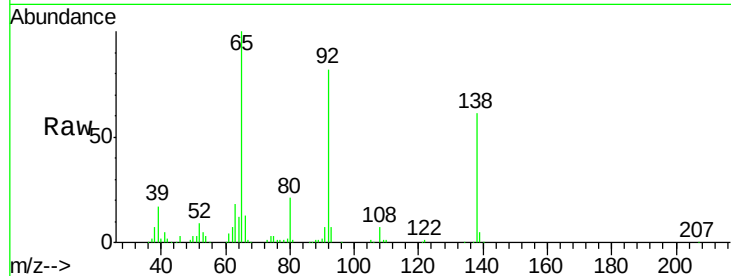
Tot Ion:138 Resp: 165832

Ion Ratio Lower Upper

138 100

108 10.9 8.9 13.3

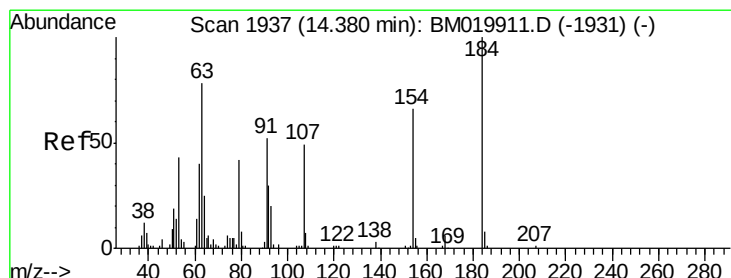
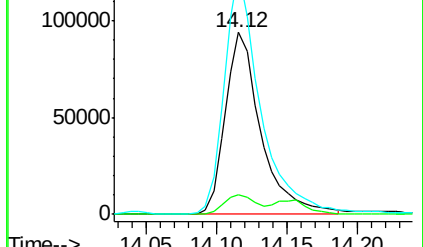
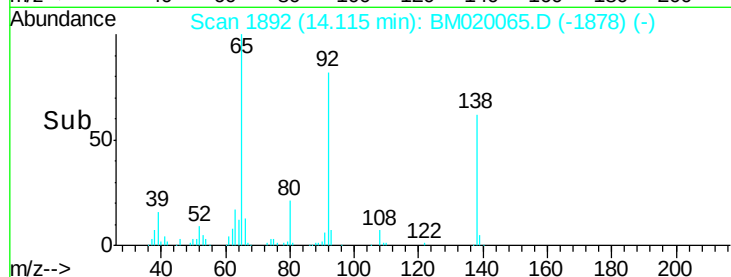
92 133.8 103.8 155.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 70.047 ng

RT: 14.34 min Scan# 1930

Delta R.T. -0.03 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

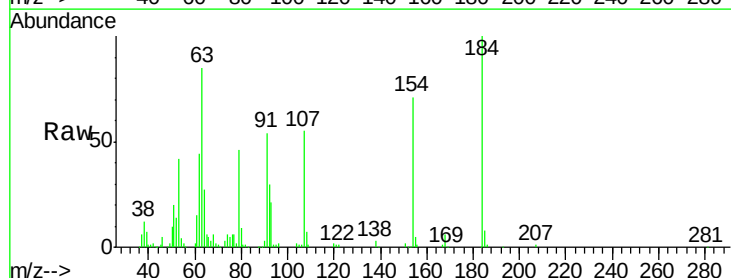
Tgt Ion:184 Resp: 280646

Ion Ratio Lower Upper

184 100

63 84.7 62.3 93.5

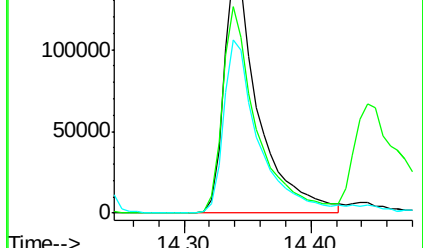
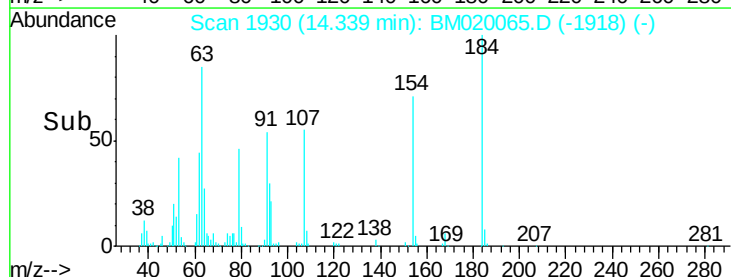
154 71.4 53.0 79.6

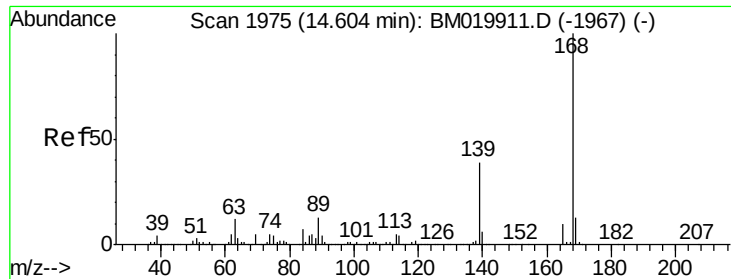


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

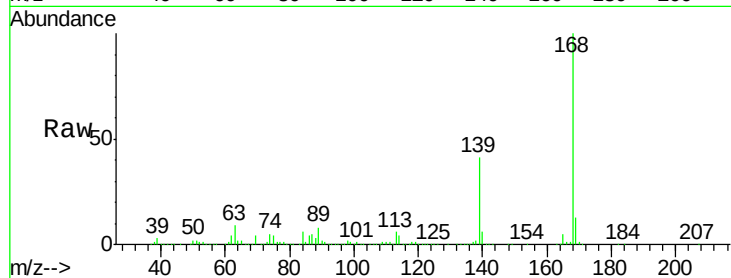




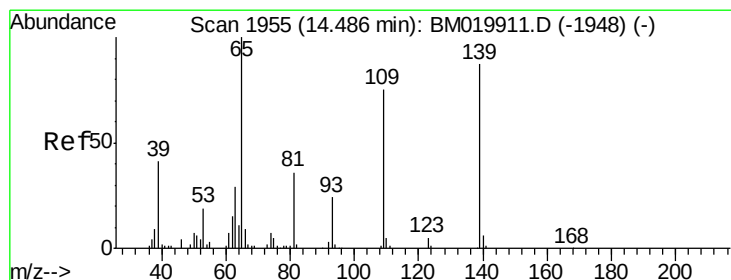
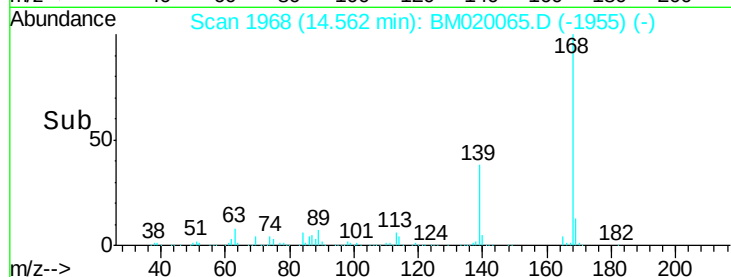
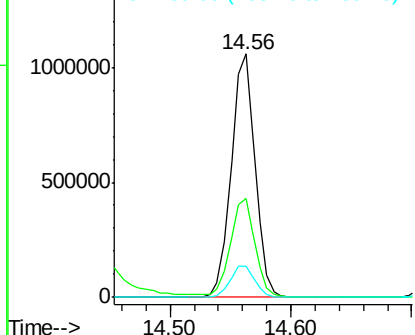
#55
Dibenzofuran
Concen: 40.025 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:168 Resp: 1456288
Ion Ratio Lower Upper
168 100
139 40.6 31.5 47.3
169 13.0 10.6 16.0

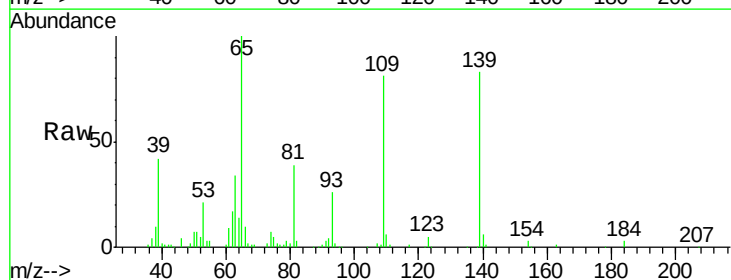


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

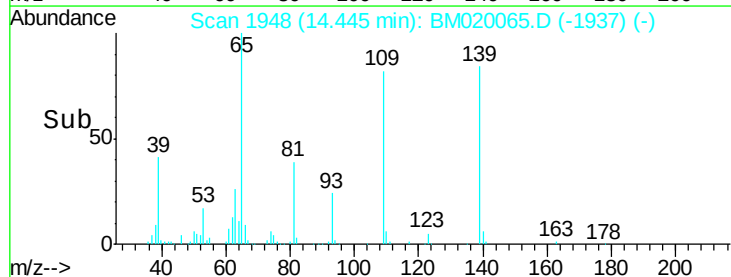
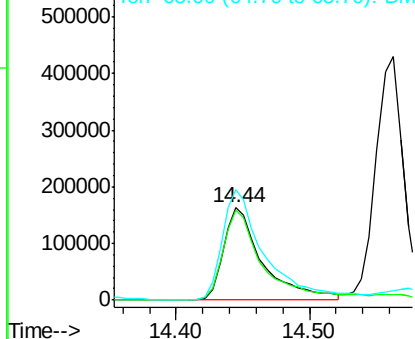


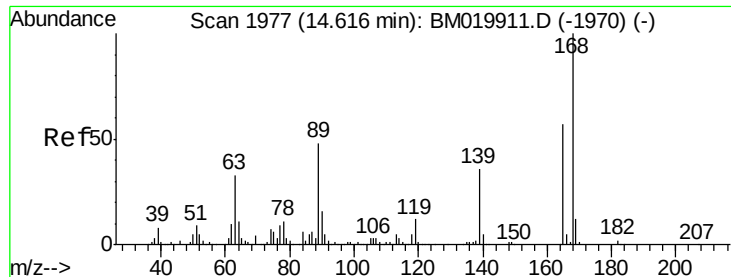
#56
4-Nitrophenol
Concen: 64.101 ng
RT: 14.44 min Scan# 1948
Delta R.T. -0.04 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion:139 Resp: 337159
Ion Ratio Lower Upper
139 100
109 97.3 65.3 105.3
65 120.3 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

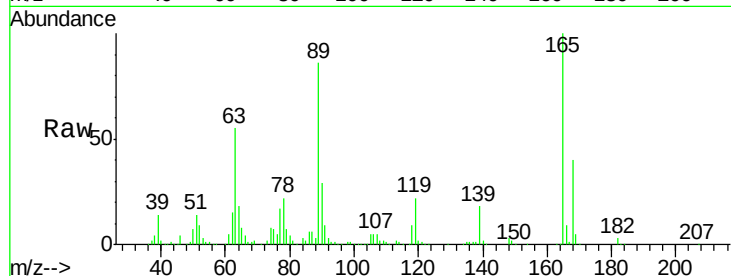




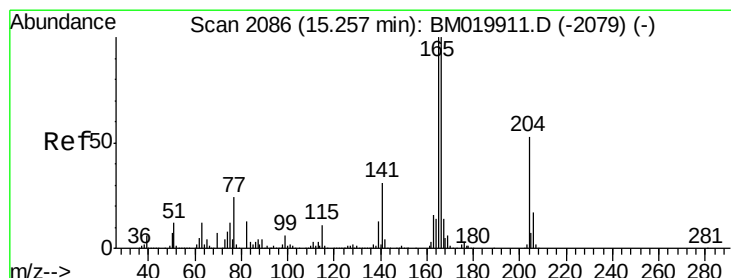
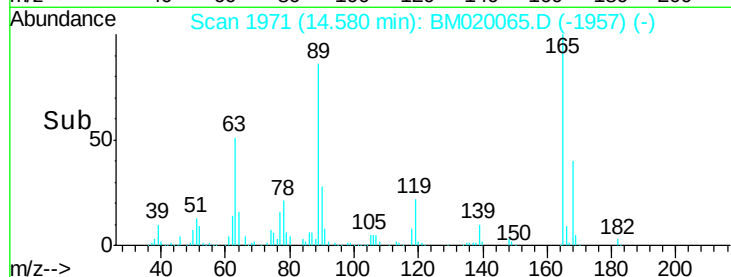
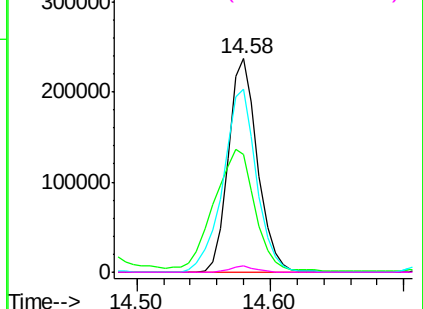
#57
 2,4-Dinitrotoluene
 Concen: 36.901 ng
 RT: 14.58 min Scan# 1971
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 361185
 Ion Ratio Lower Upper
 165 100
 63 55.2 46.0 69.0
 89 85.9 67.5 101.3
 182 2.8 2.4 3.6

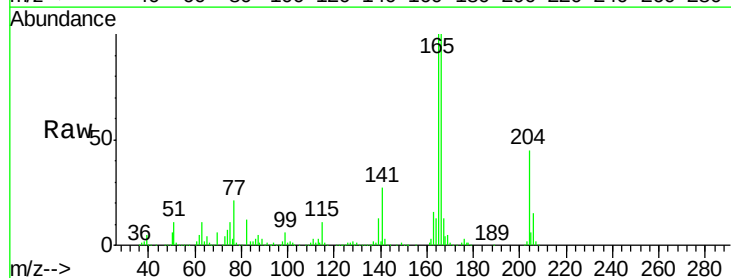


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

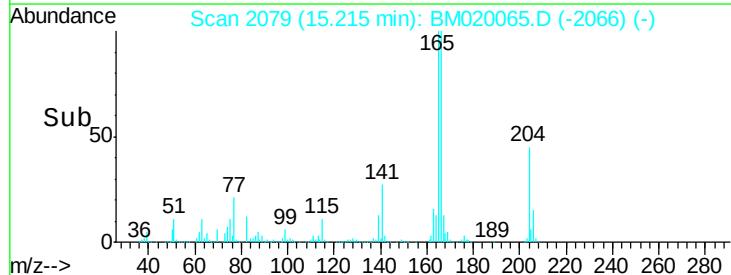
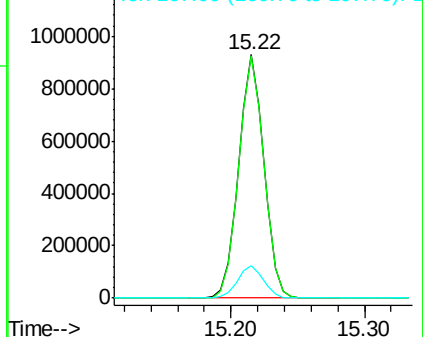


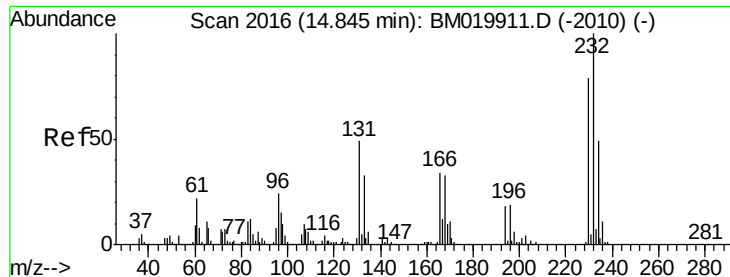
#58
 Fluorene
 Concen: 39.427 ng
 RT: 15.22 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion:166 Resp: 1215561
 Ion Ratio Lower Upper
 166 100
 165 99.5 80.1 120.1
 167 13.3 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

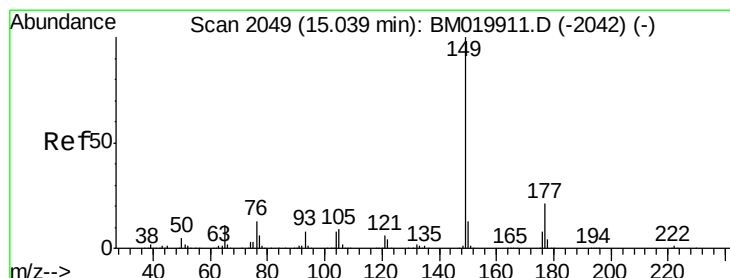
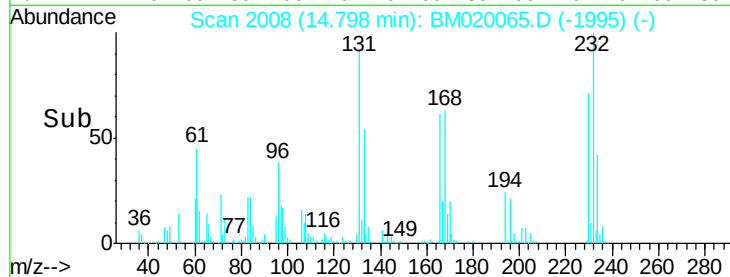
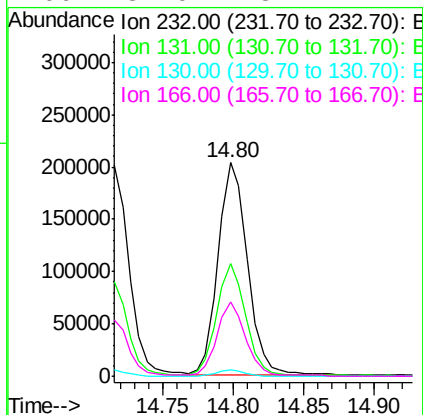
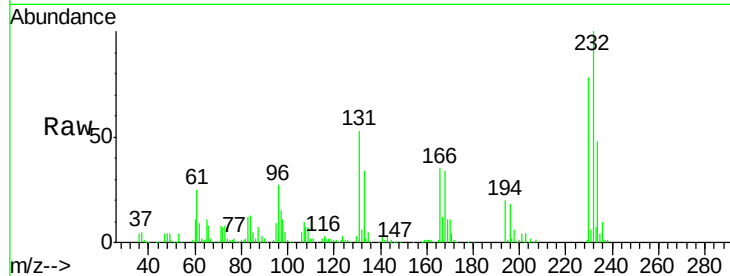




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.234 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

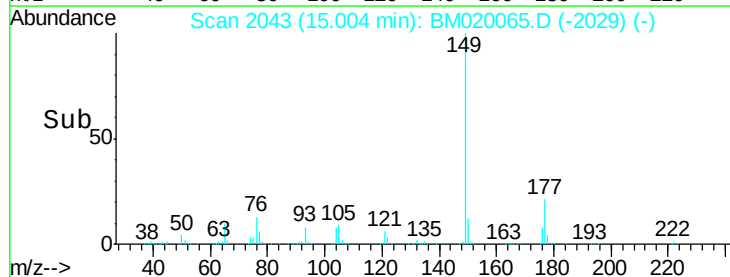
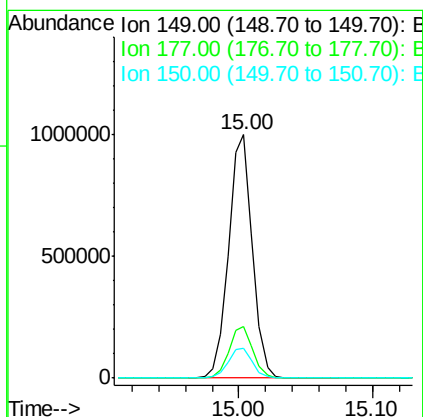
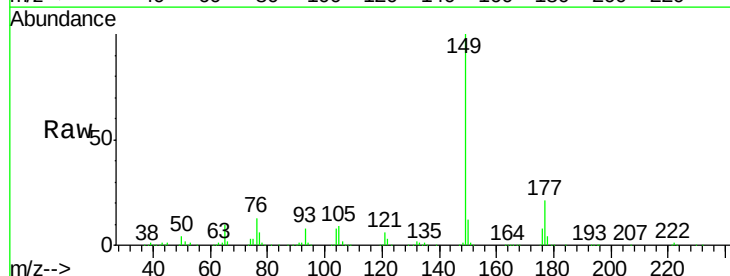
Instrument :
 BNA_M
 ClientSampled :

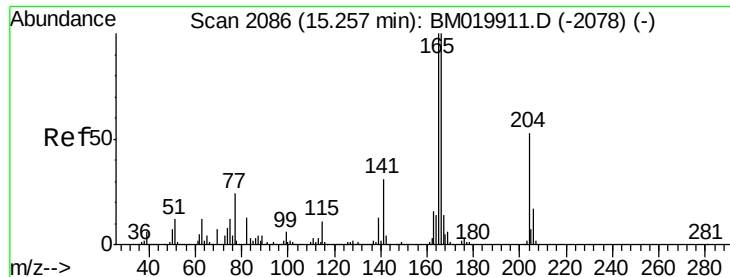
Tot Ion:	232	Resp:	292844
Ion	Ratio	Lower	Upper
232	100		
131	52.0	42.1	63.1
130	3.1	2.2	3.4
166	34.0	28.1	42.1



#60
 Diethylphthalate
 Concen: 38.904 ng
 RT: 15.00 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion:	149	Resp:	1245940
Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.6	25.0
150	12.3	10.0	15.0

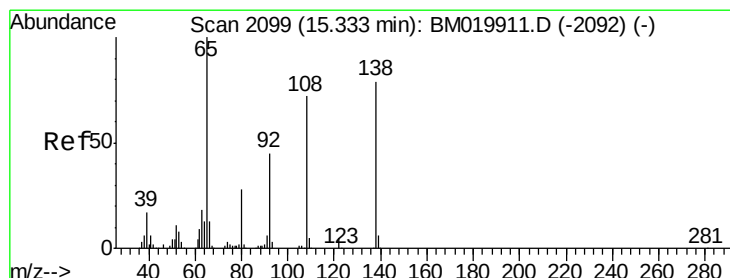
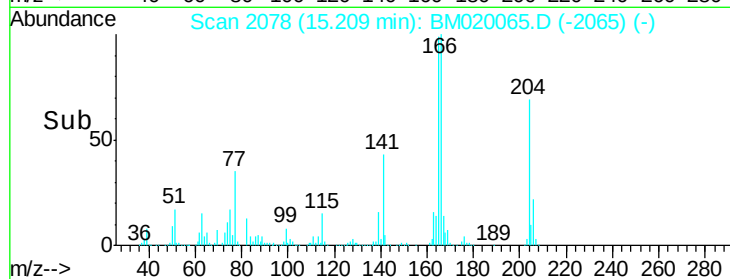
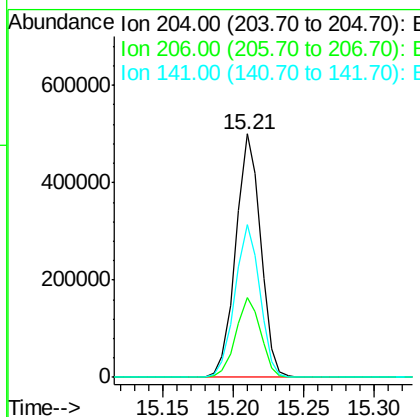
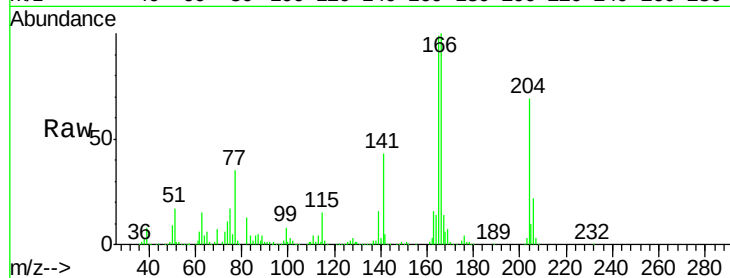




#61
4-Chlorophenyl-phenylether
Concen: 41.469 ng
RT: 15.21 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

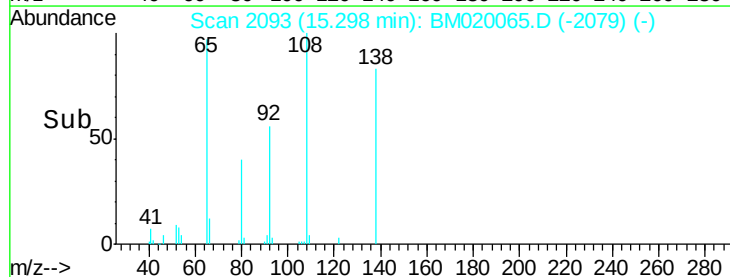
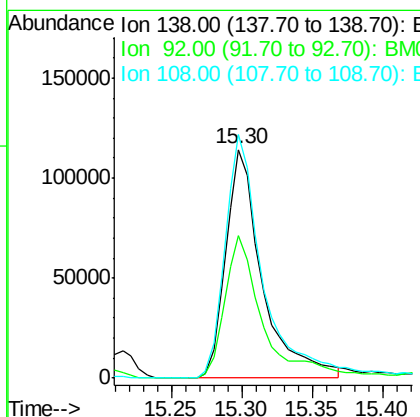
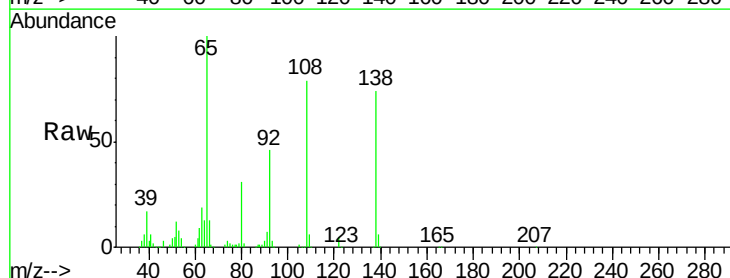
Instrument :
BNA_M
ClientSampleId :

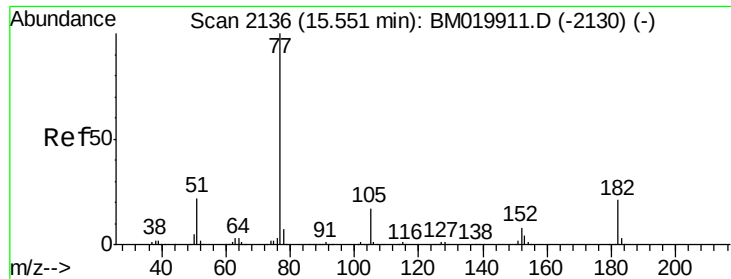
Tot Ion:204 Resp: 615563
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 62.7 47.0 70.4



#62
4-Nitroaniline
Concen: 30.684 ng
RT: 15.30 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion:138 Resp: 205548
Ion Ratio Lower Upper
138 100
92 62.1 36.8 76.8
108 106.4 71.5 111.5

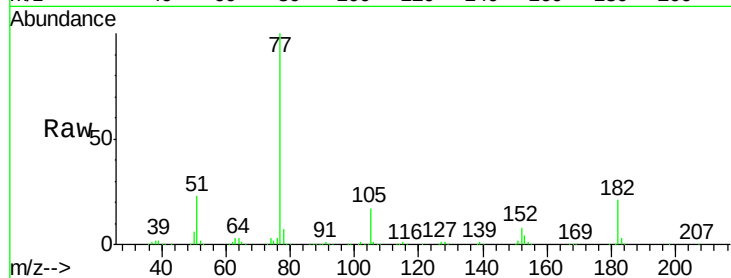




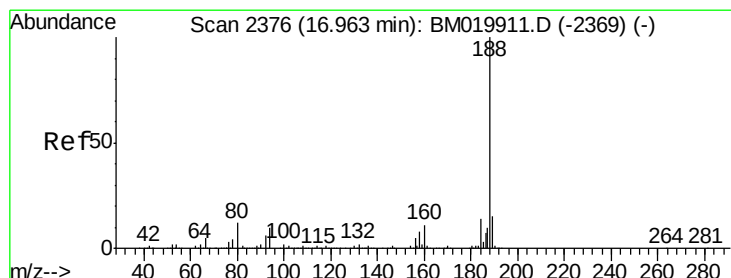
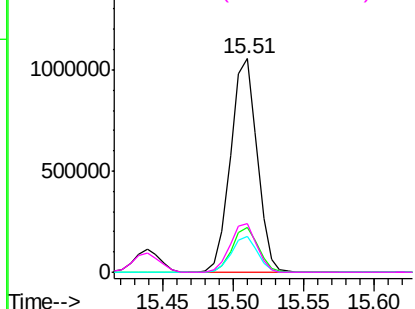
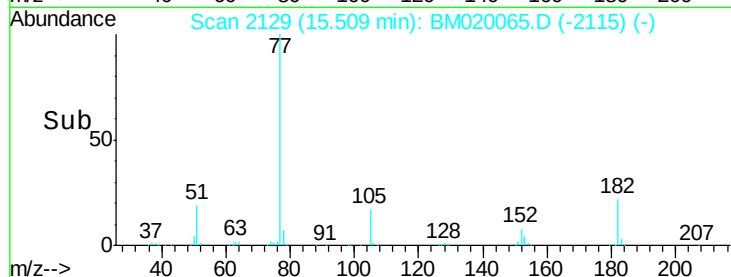
#63
Azobenzene
Concen: 40.174 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 1375123
Ion Ratio Lower Upper
77 100
182 20.9 1.0 41.0
105 16.8 0.0 37.1
51 22.5 2.1 42.1

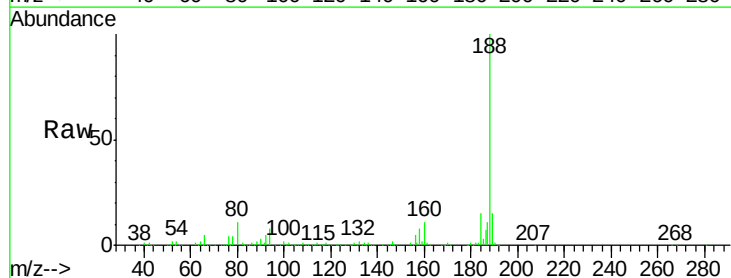


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

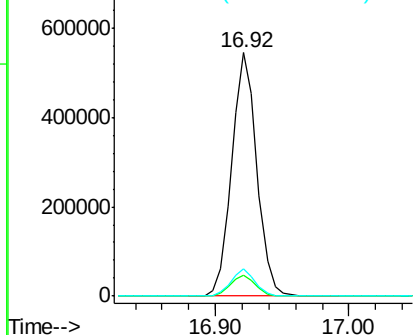
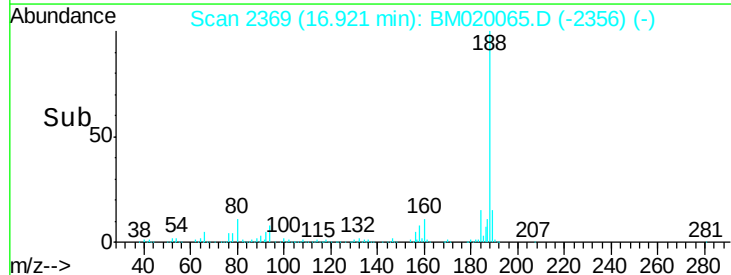


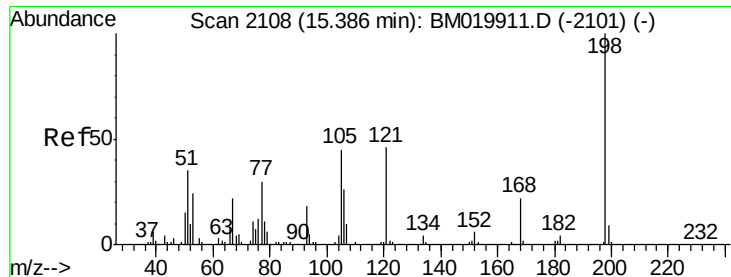
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion: 188 Resp: 715405
Ion Ratio Lower Upper
188 100
94 8.5 7.6 11.4
80 11.2 9.4 14.0



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





#65

4,6-Dinitro-2-methylphenol

Concen: 36.661 ng

RT: 15.35 min Scan# 2102

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

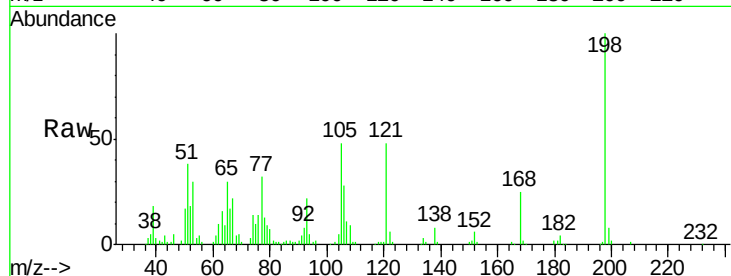
Tot Ion:198 Resp: 167339

Ion	Ratio	Lower	Upper
198	100		
51	37.5	17.9	57.9
105	48.1	26.1	66.1

198 100

51 37.5 17.9 57.9

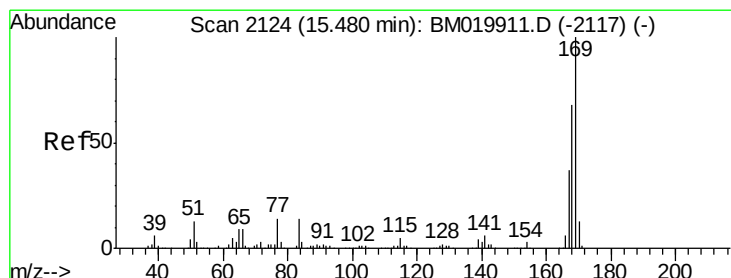
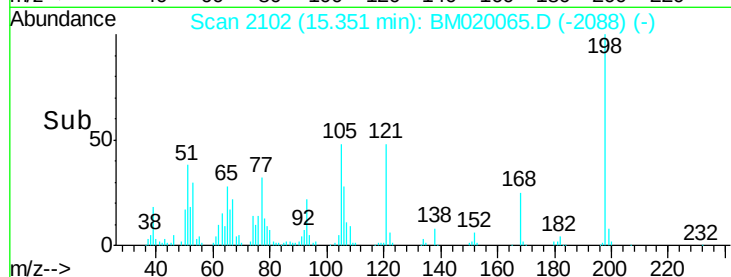
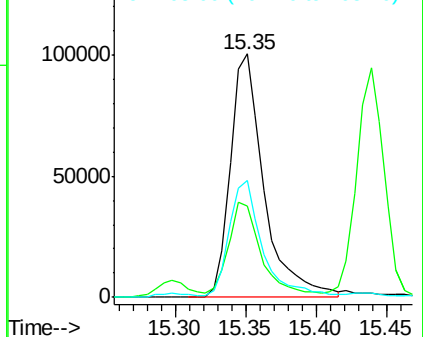
105 48.1 26.1 66.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.106 ng

RT: 15.44 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

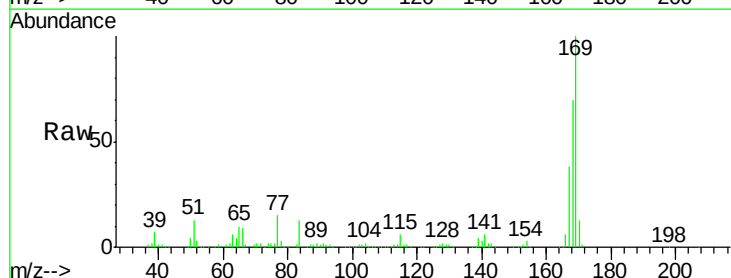
Tgt Ion:169 Resp: 984803

Ion	Ratio	Lower	Upper
169	100		
168	69.6	54.7	82.1
167	38.1	29.4	44.0

169 100

168 69.6 54.7 82.1

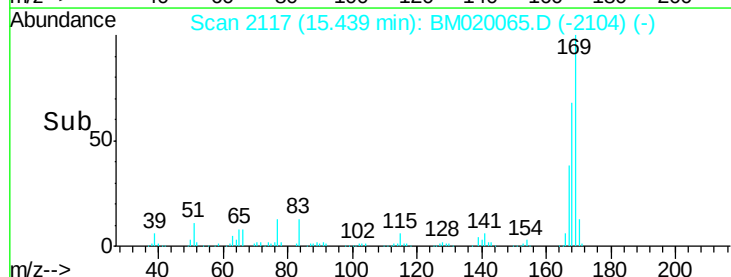
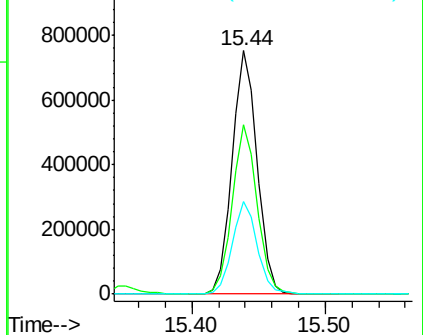
167 38.1 29.4 44.0

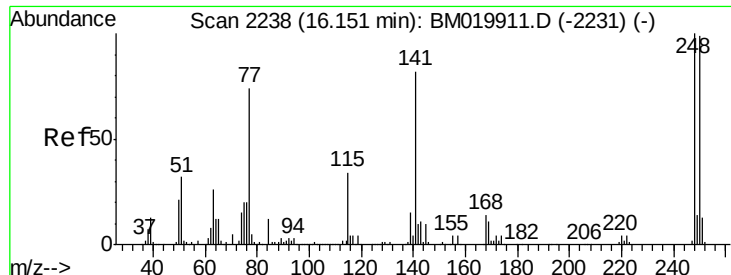


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

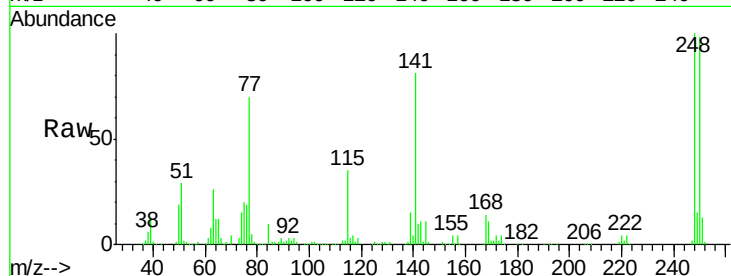




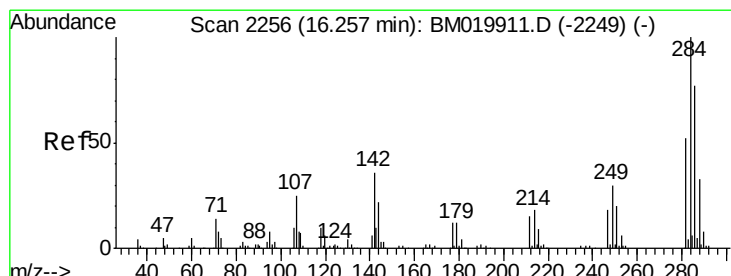
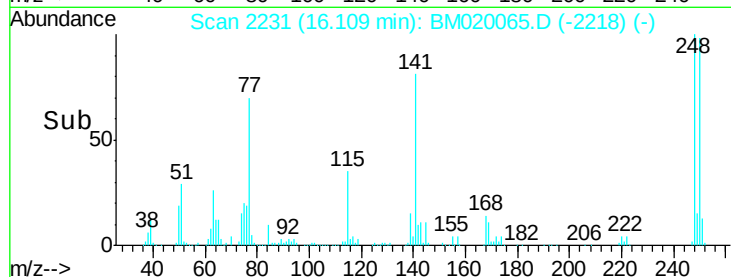
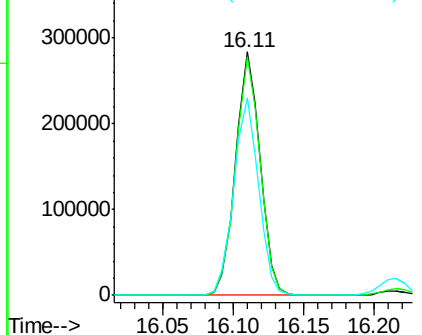
#67
4-Bromophenyl-phenylether
Concen: 42.048 ng
RT: 16.11 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 345849
Ion Ratio Lower Upper
248 100
250 97.9 78.9 118.3
141 81.0 65.6 98.4

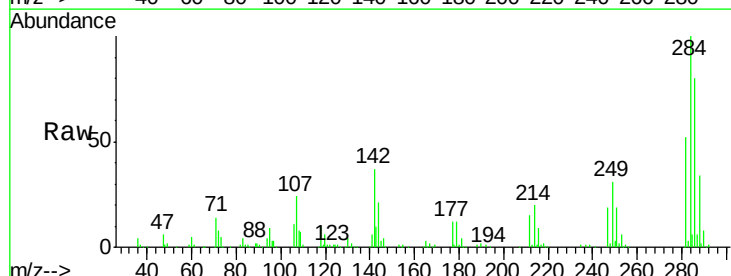


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

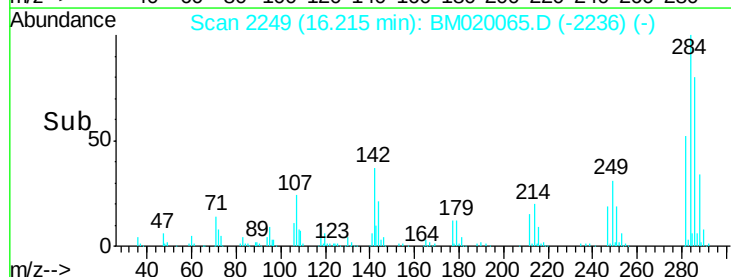
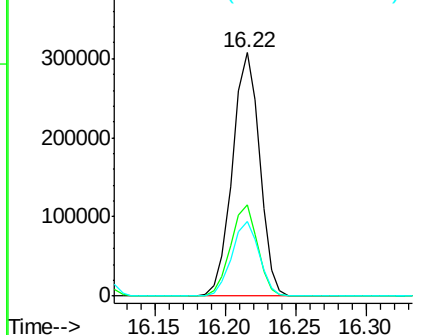


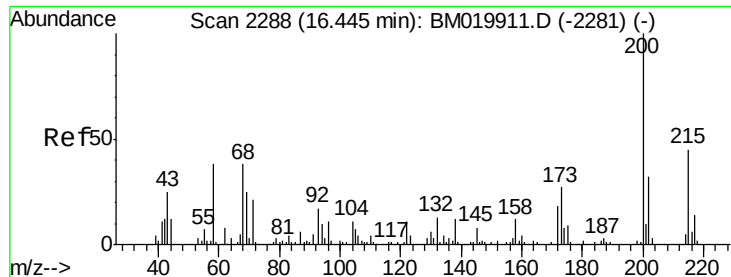
#68
Hexachlorobenzene
Concen: 41.903 ng
RT: 16.22 min Scan# 2249
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion:284 Resp: 413549
Ion Ratio Lower Upper
284 100
142 37.3 28.9 43.3
249 30.6 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: 39.560 ng

RT: 16.41 min Scan# 2282

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

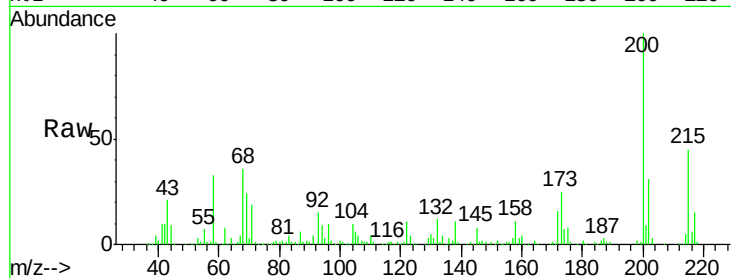
Tot Ion:200 Resp: 314096

Ion Ratio Lower Upper

200 100

173 25.2 7.2 47.2

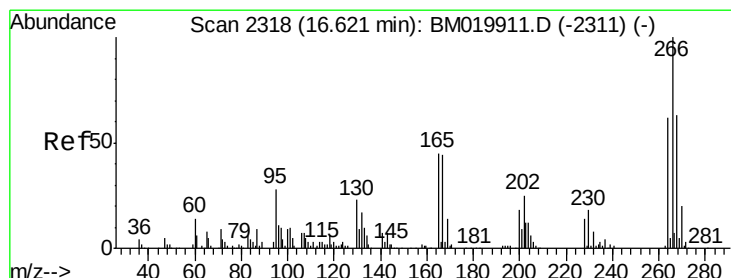
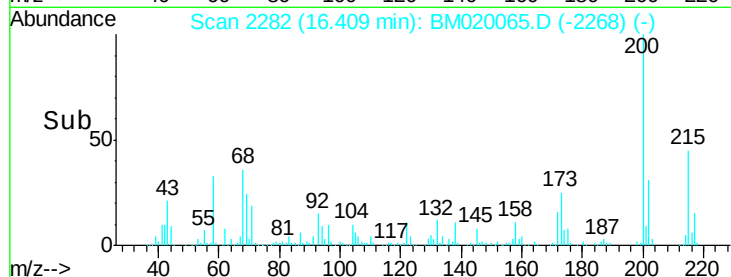
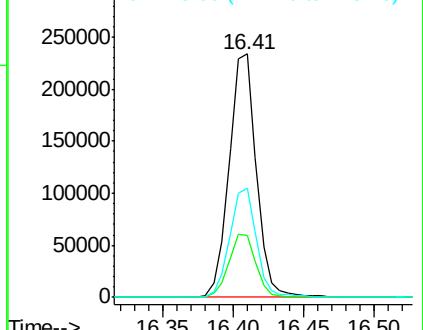
215 44.9 25.4 65.4



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: 78.760 ng

RT: 16.58 min Scan# 2311

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

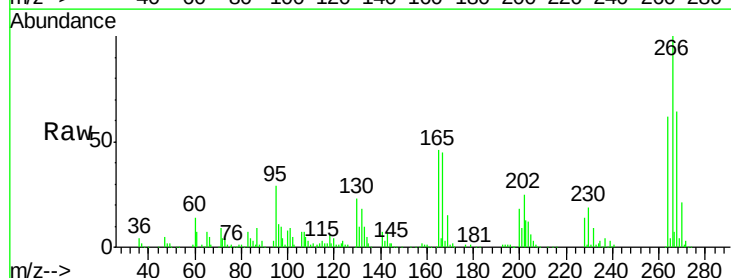
Tgt Ion:266 Resp: 397154

Ion Ratio Lower Upper

266 100

268 64.3 50.3 75.5

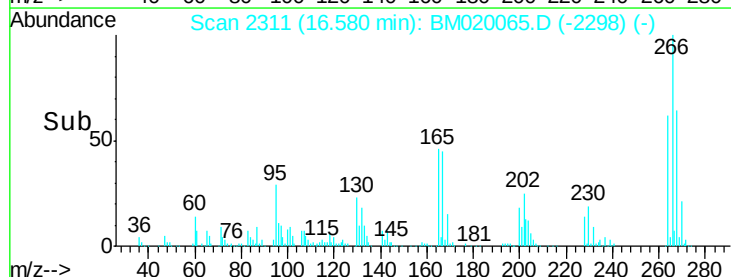
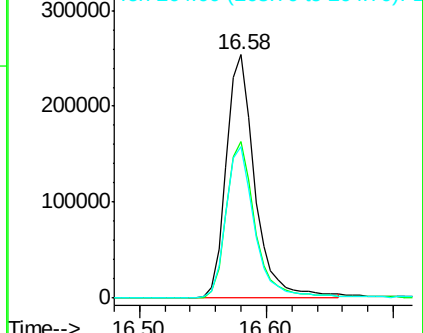
264 62.2 49.8 74.8

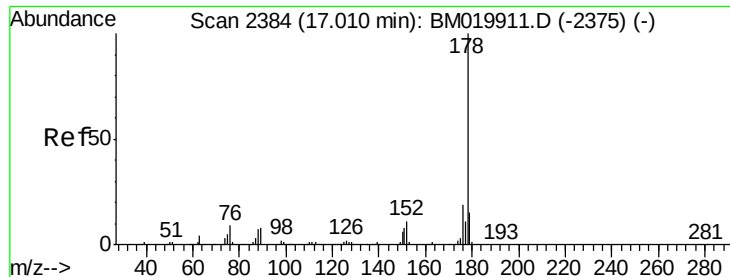


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

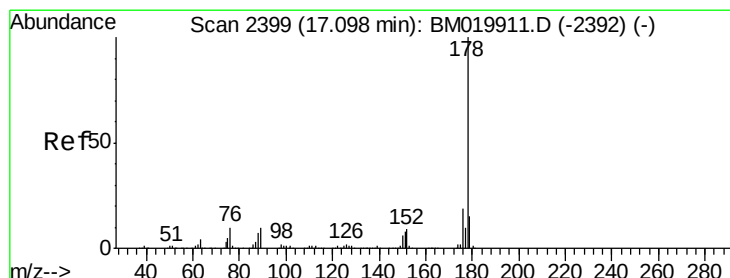
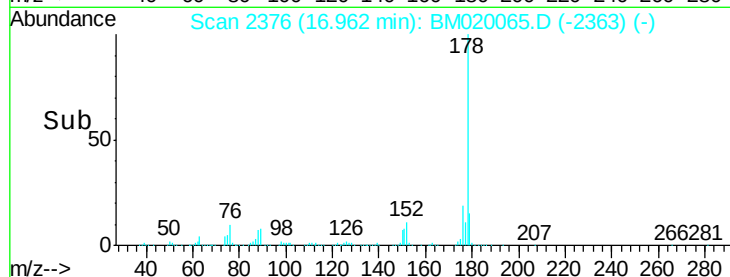
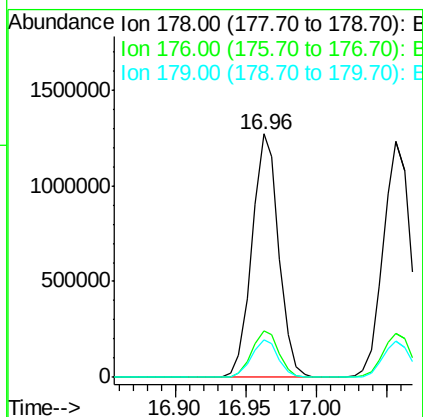
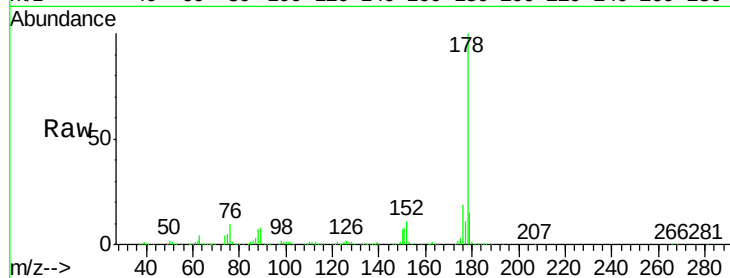




#71
Phenanthrene
Concen: 39.934 ng
RT: 16.96 min Scan# 2376
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

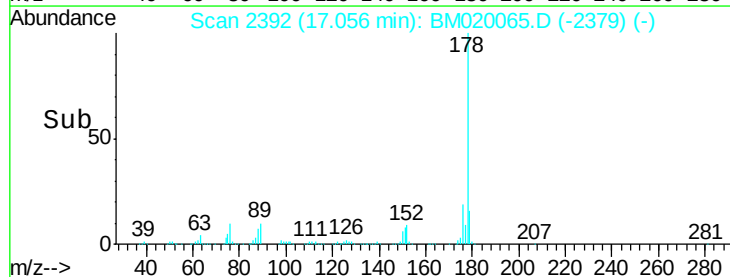
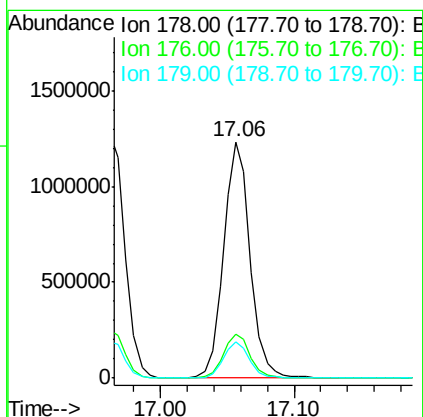
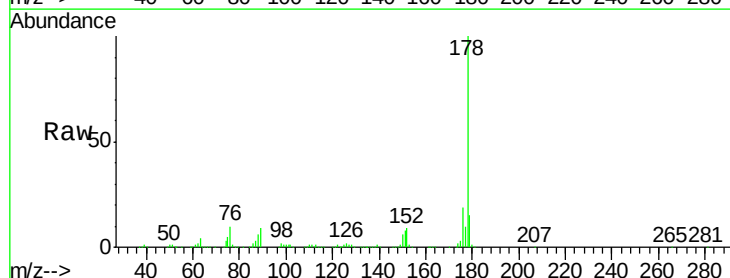
Instrument :
BNA_M
ClientSampleId :

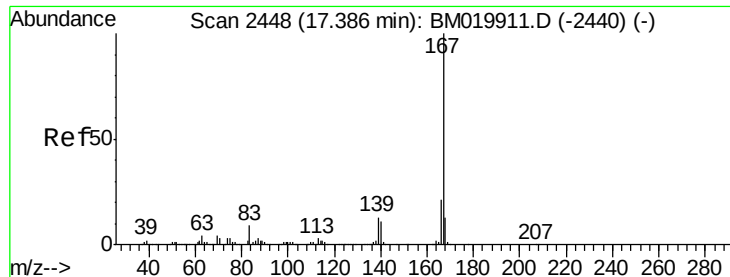
Tot Ion:178 Resp: 1695382
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.4 12.2 18.4



#72
Anthracene
Concen: 40.359 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion:178 Resp: 1705593
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.3 12.2 18.4

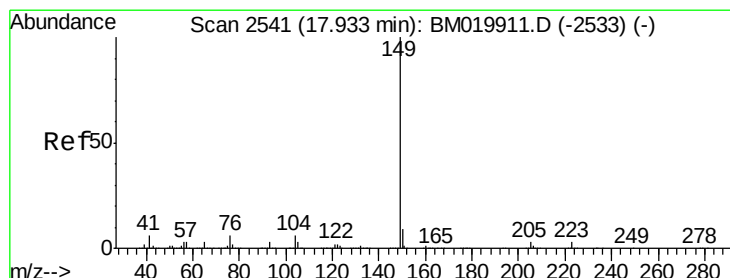
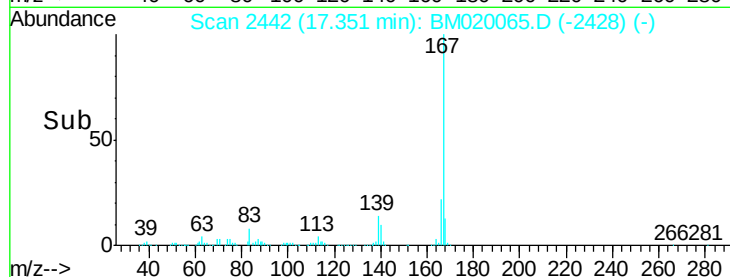
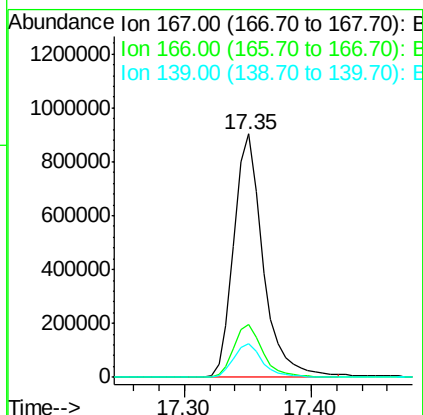
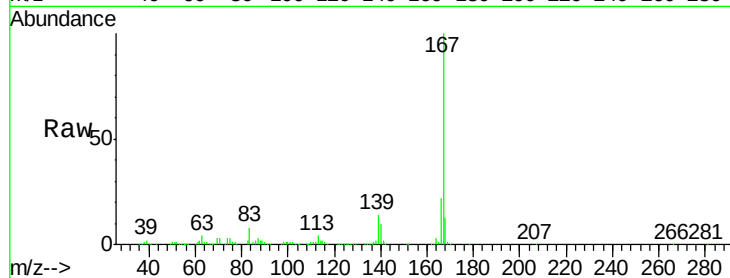




#73
 Carbazole
 Concen: 36.611 ng
 RT: 17.35 min Scan# 2442
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

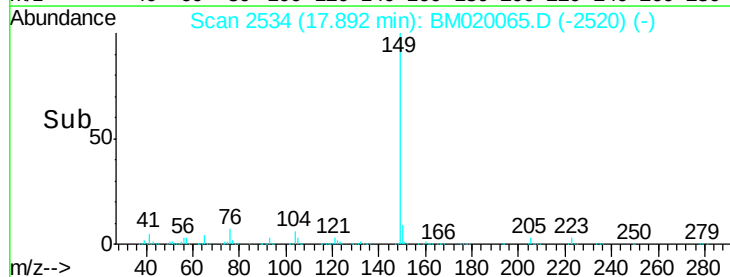
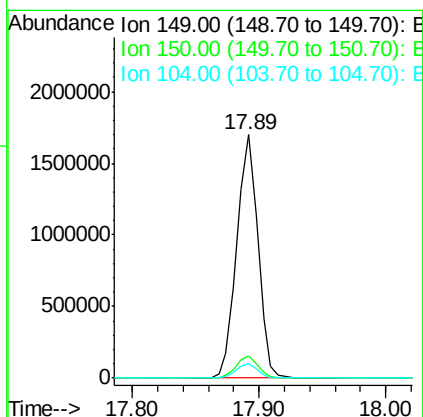
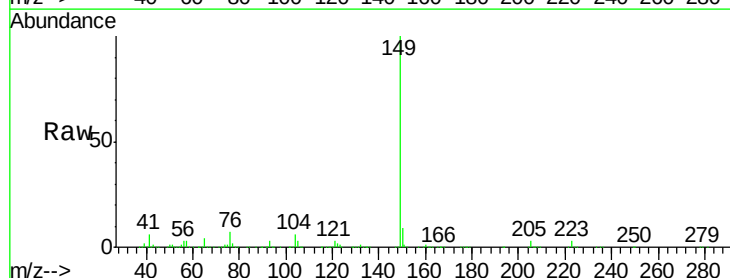
Instrument :
 BNA_M
 ClientSampleId :

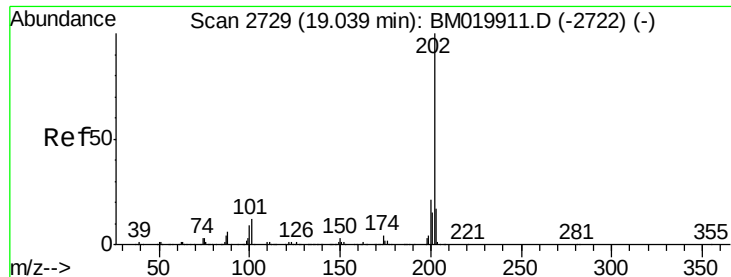
Tot Ion:167 Resp: 1444548
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.9 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 37.703 ng
 RT: 17.89 min Scan# 2534
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion:149 Resp: 1953658
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 6.0 4.6 7.0





#75

Fluoranthene

Concen: 36.567 ng

RT: 19.00 min Scan# 2722

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

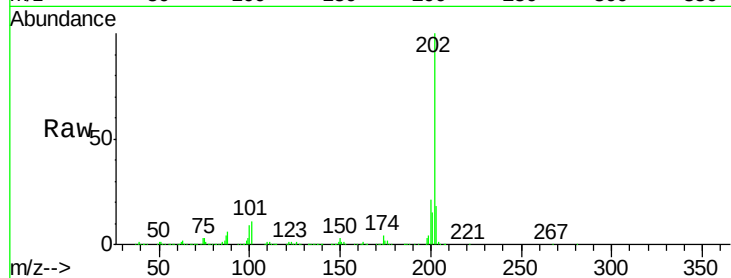
Tot Ion:202 Resp: 1786561

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.7

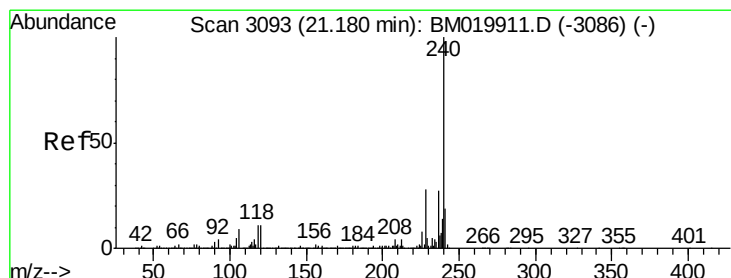
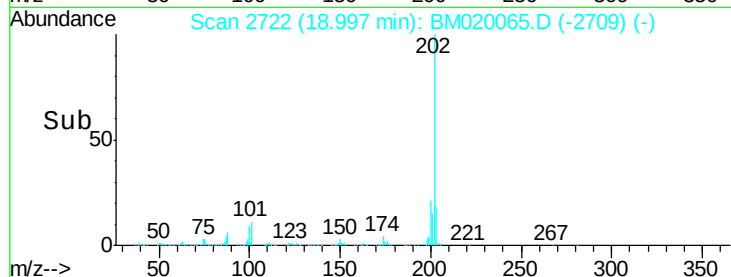
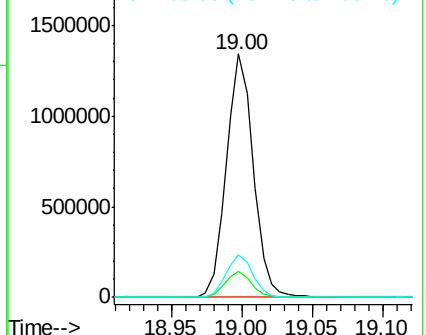
203 17.5 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

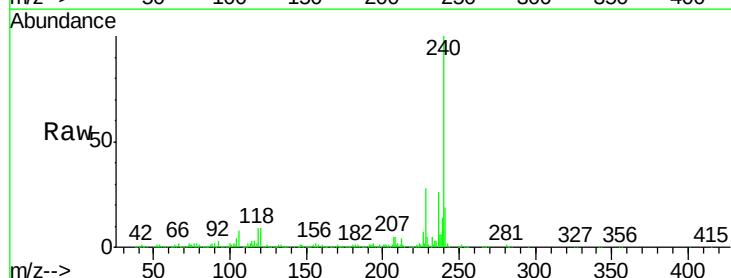
Tgt Ion:240 Resp: 610749

Ion Ratio Lower Upper

240 100

120 9.2 8.6 13.0

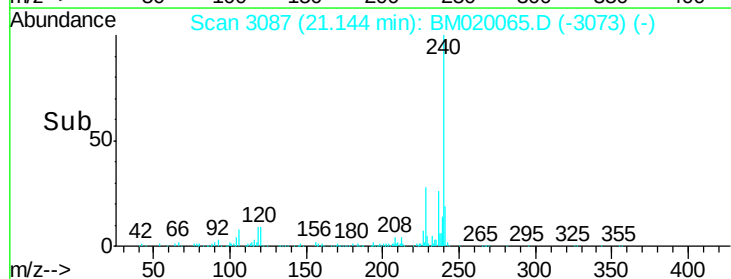
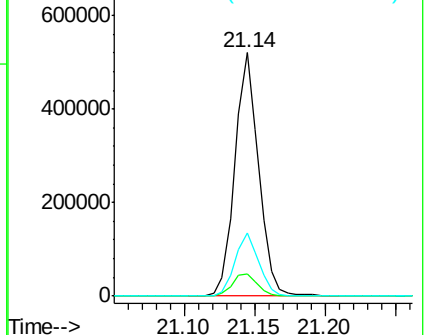
236 26.1 21.4 32.2

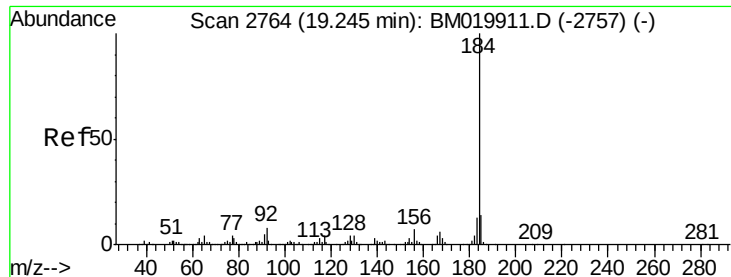


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.199 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

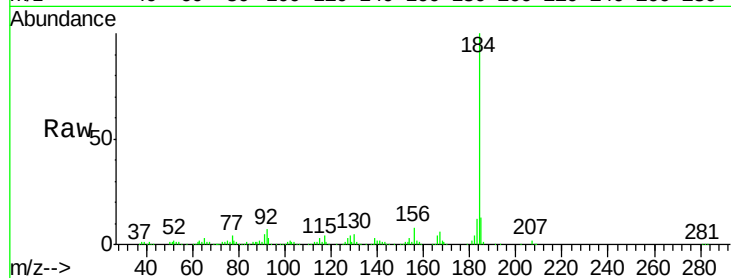
Tot Ion:184 Resp: 525749

Ion Ratio Lower Upper

184 100

185 13.4 11.0 16.6

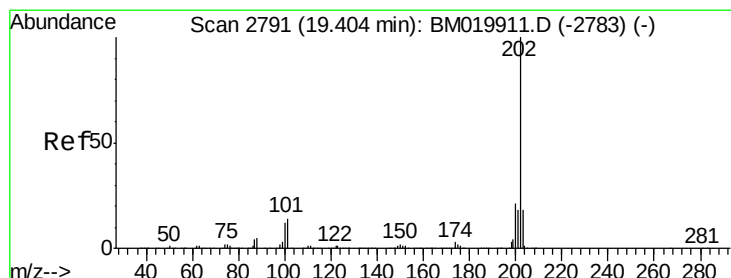
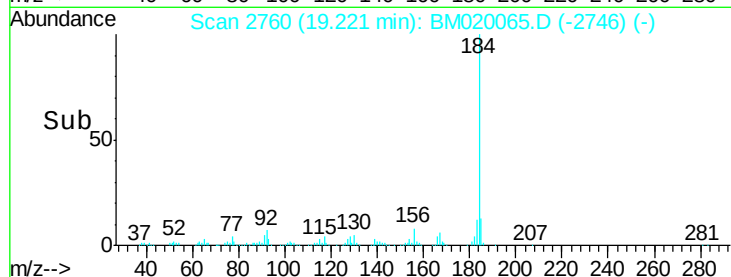
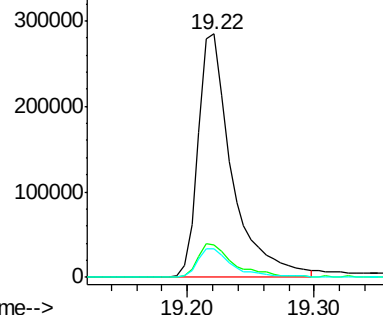
183 11.6 10.1 15.1



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: 44.568 ng

RT: 19.37 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

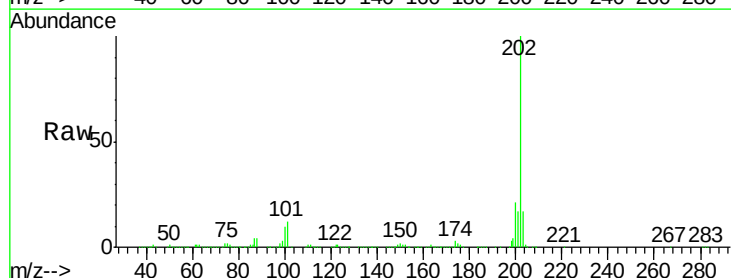
Tgt Ion:202 Resp: 1802585

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

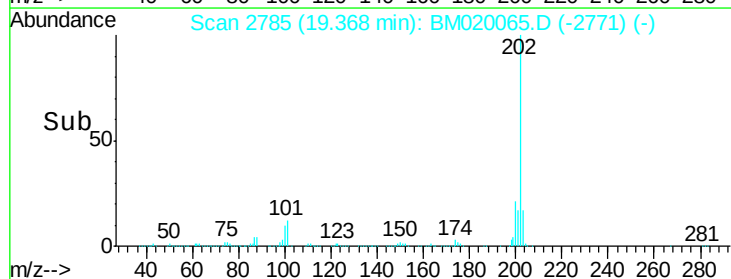
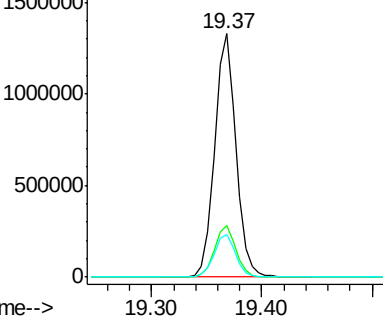
203 17.3 14.0 21.0

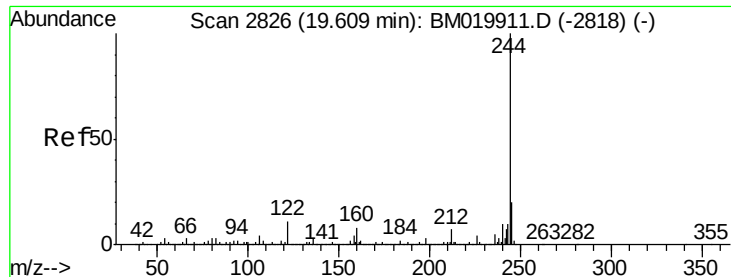


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

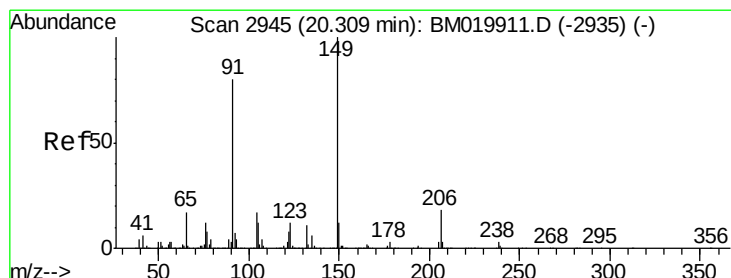
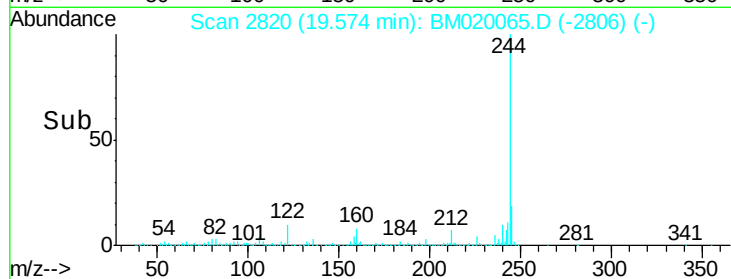
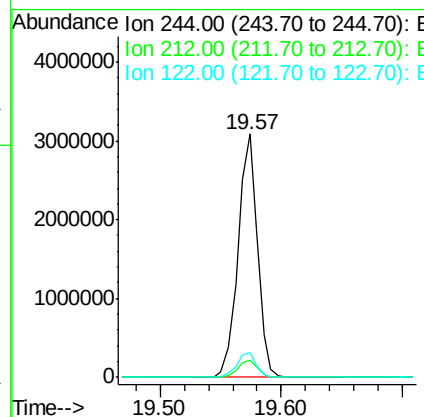
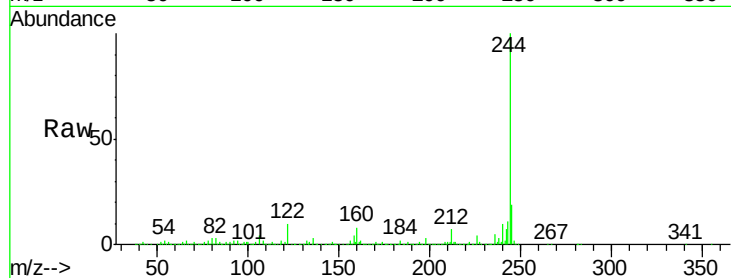




#79
 Terphenyl-d14
 Concen: 99.867 ng
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

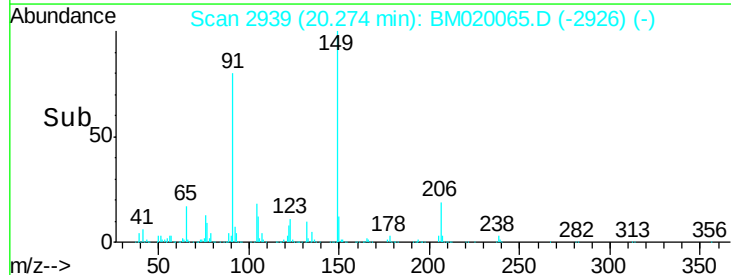
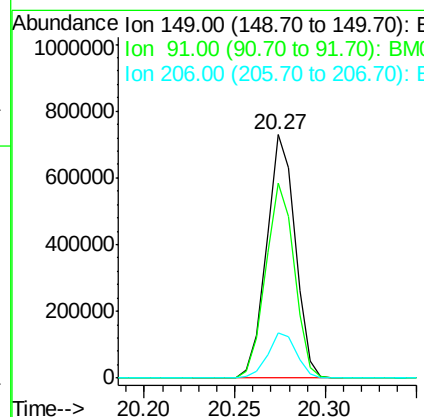
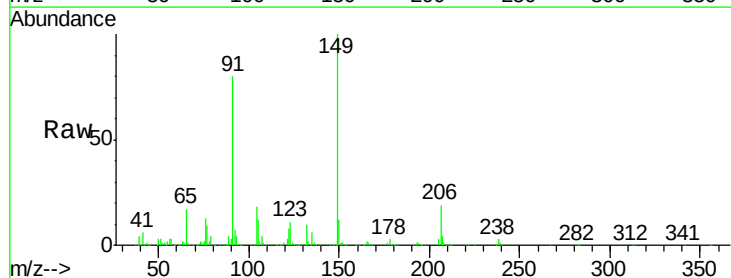
Instrument :
 BNA_M
 ClientSampleId :

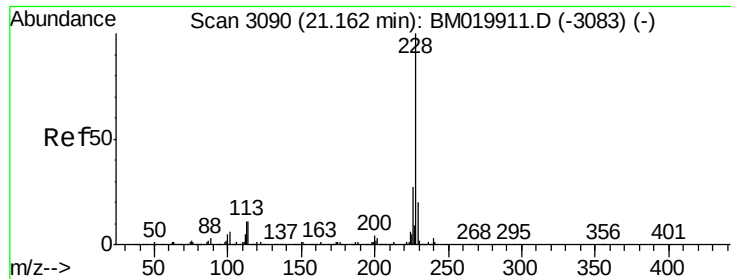
Tot Ion:244 Resp: 3458038
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.0 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 40.886 ng
 RT: 20.27 min Scan# 2939
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion:149 Resp: 801721
 Ion Ratio Lower Upper
 149 100
 91 80.2 63.7 95.5
 206 18.6 14.6 21.8





#81

Benzo(a)anthracene

Concen: 38.114 ng

RT: 21.13 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

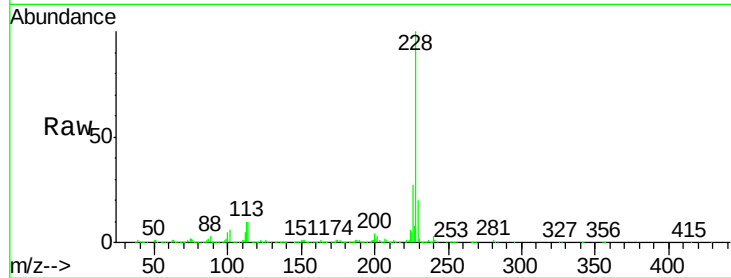
Tot Ion:228 Resp: 1474614

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

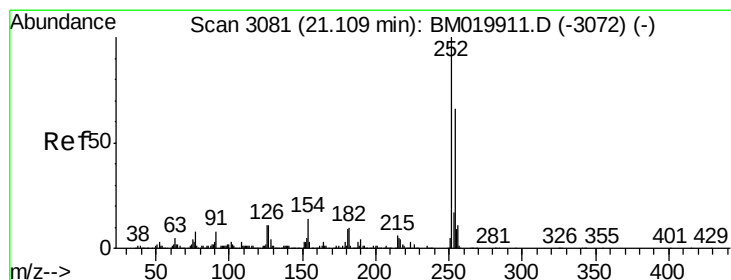
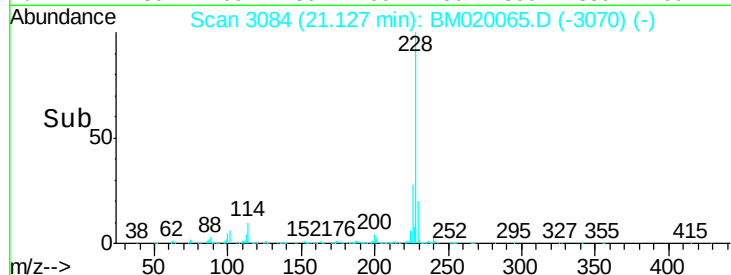
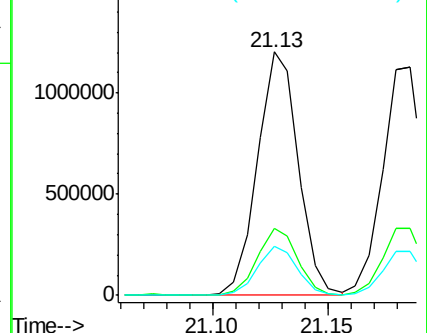
229 20.0 15.9 23.9



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: 32.822 ng

RT: 21.07 min Scan# 3075

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

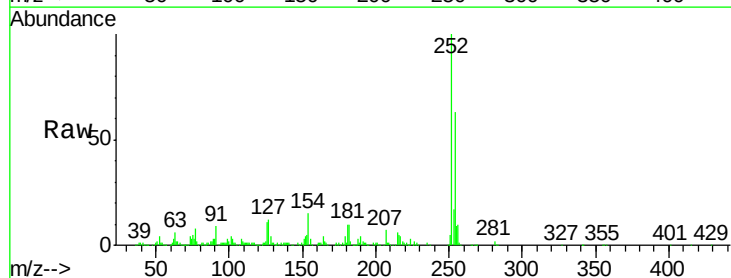
Tgt Ion:252 Resp: 472465

Ion Ratio Lower Upper

252 100

254 62.7 52.6 78.8

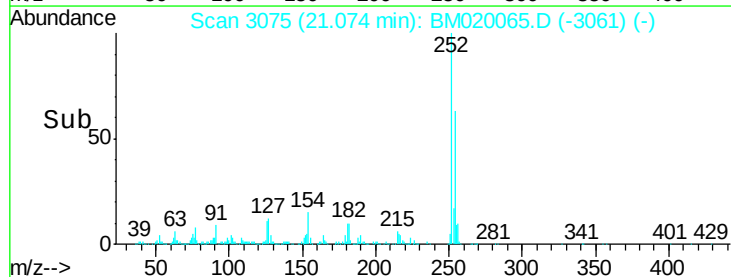
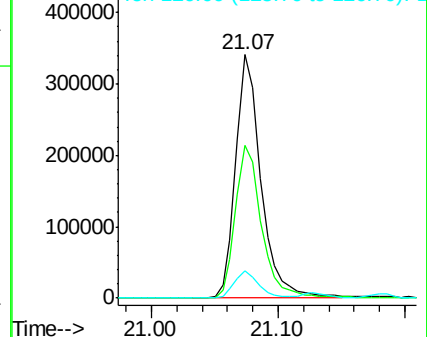
126 11.0 8.6 12.8

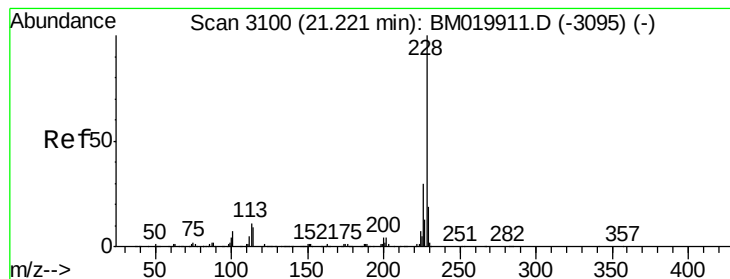


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.886 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

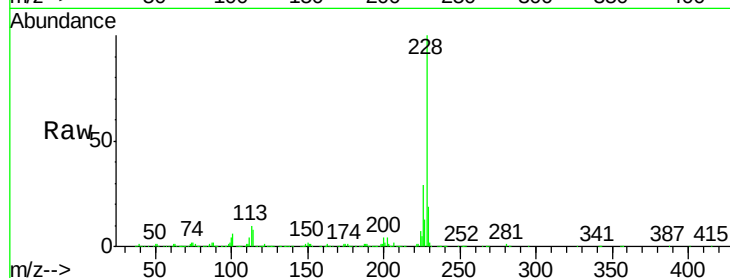
Tot Ion:228 Resp: 1442807

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.7	35.5
229	19.3	15.6	23.4

228 100

226 29.2 23.7 35.5

229 19.3 15.6 23.4

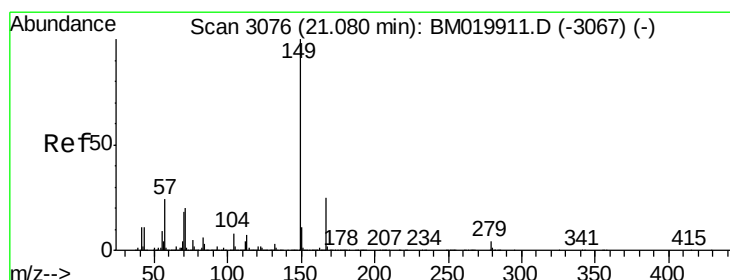
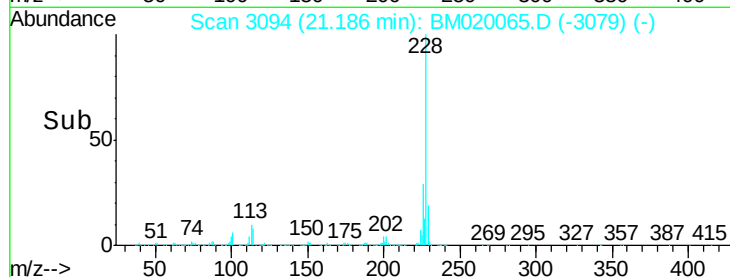
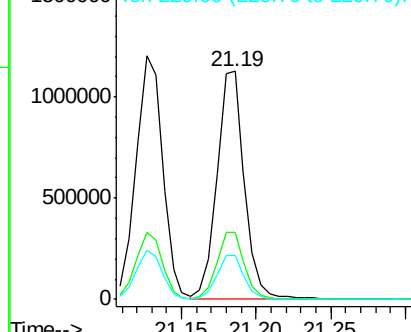


Abundance

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: 38.235 ng

RT: 21.04 min Scan# 3070

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

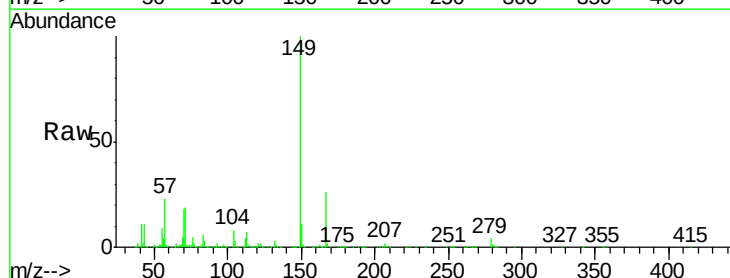
Tgt Ion:149 Resp: 1116169

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.3	30.5
279	4.4	3.4	5.2

149 100

167 25.6 20.3 30.5

279 4.4 3.4 5.2

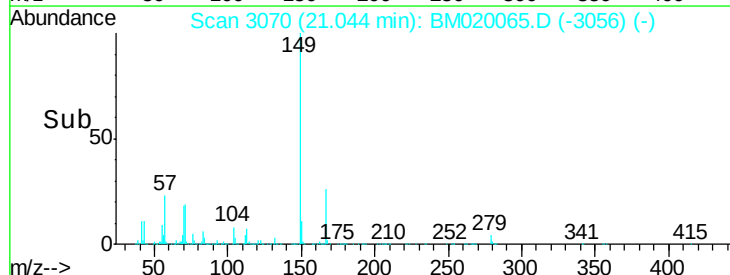
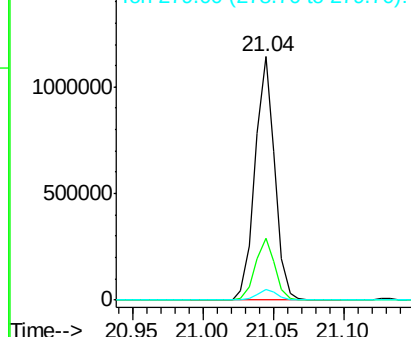


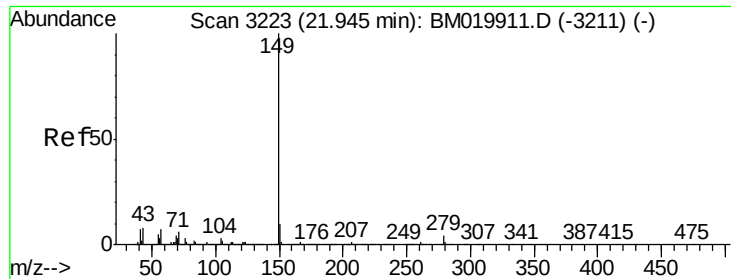
Abundance

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

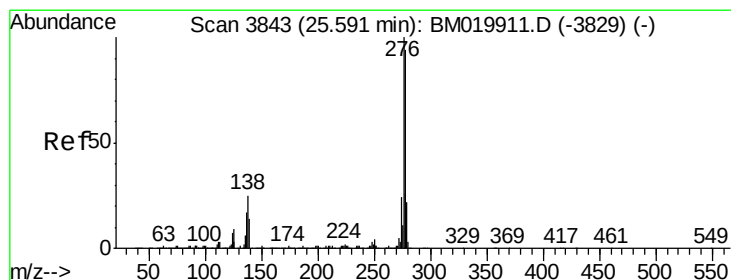
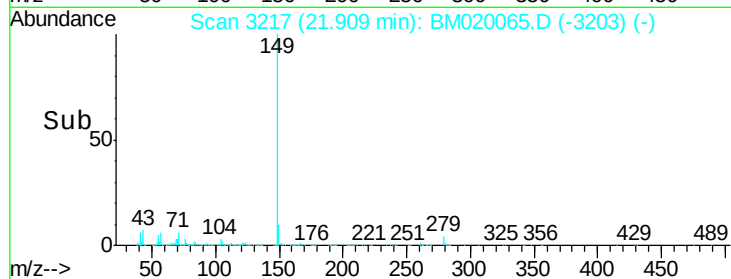
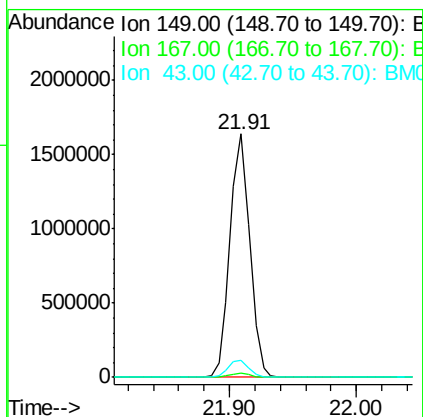
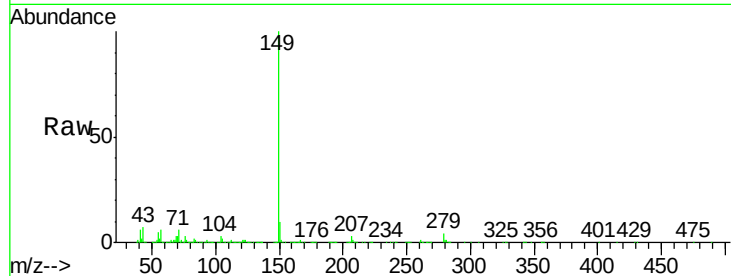




#85
Di-n-octyl phthalate
Concen: 37.236 ng
RT: 21.91 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

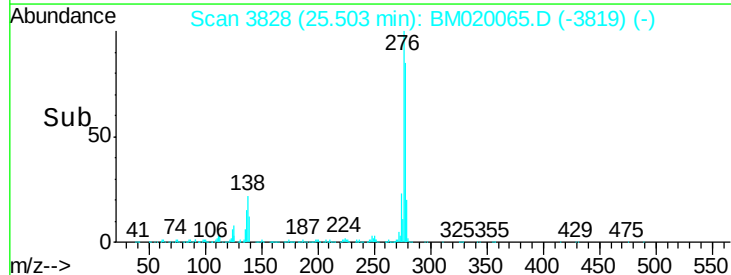
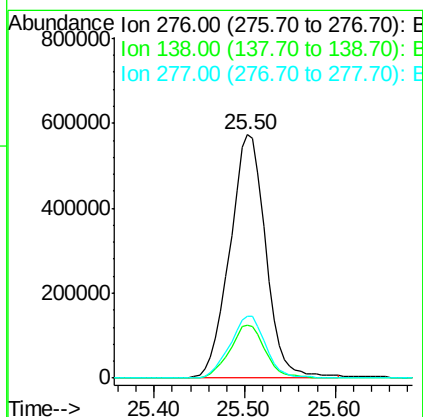
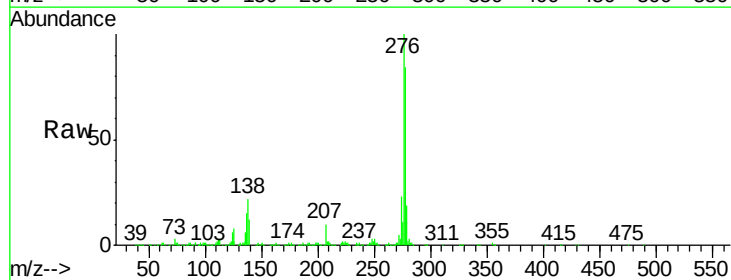
Instrument :
BNA_M
ClientSampleId :

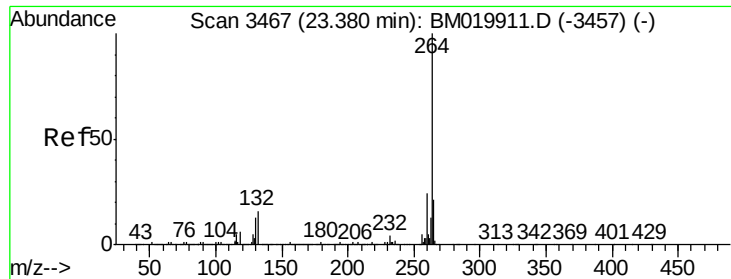
Tot Ion:149 Resp: 1763792
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 6.0 9.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.036 ng
RT: 25.50 min Scan# 3828
Delta R.T. -0.05 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion:276 Resp: 1570811
Ion Ratio Lower Upper
276 100
138 21.8 19.0 28.6
277 25.6 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: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampled :

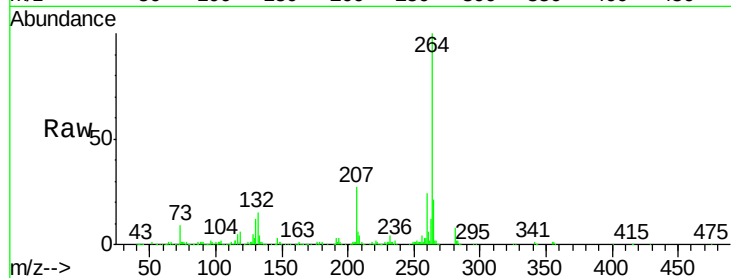
Tot Ion:264 Resp: 438049

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

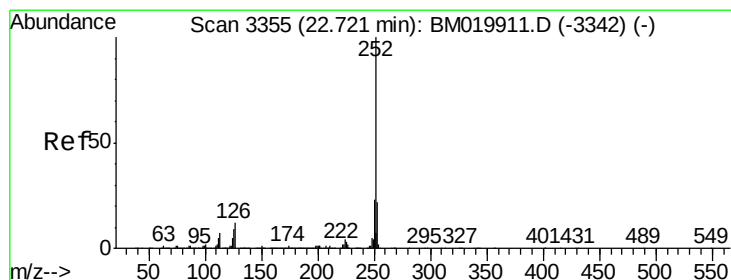
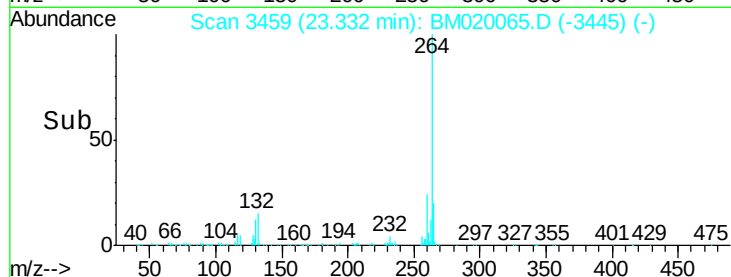
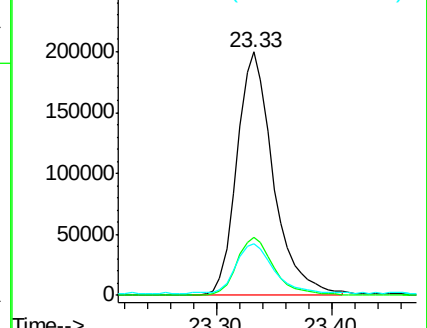
265 21.2 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.575 ng

RT: 22.67 min Scan# 3347

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

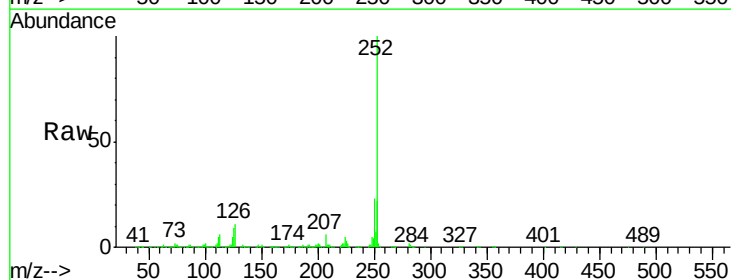
Tgt Ion:252 Resp: 1412905

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

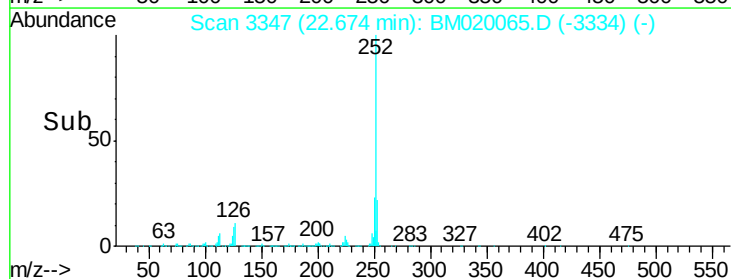
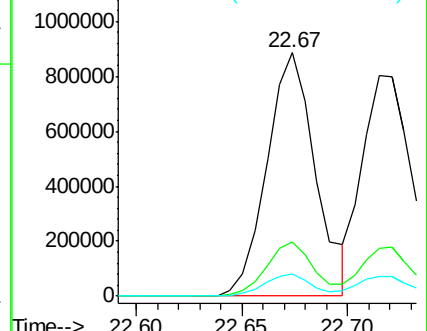
125 9.1 7.6 11.4

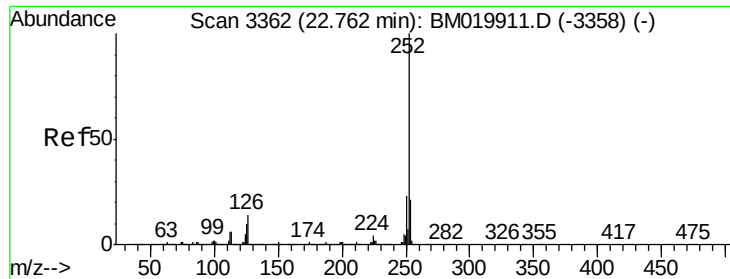


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.365 ng

RT: 22.71 min Scan# 3354

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

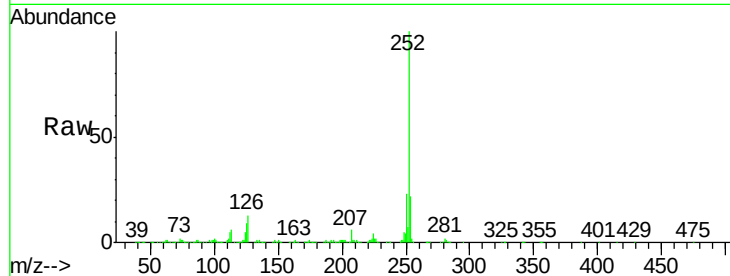
Tot Ion:252 Resp: 1324400

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

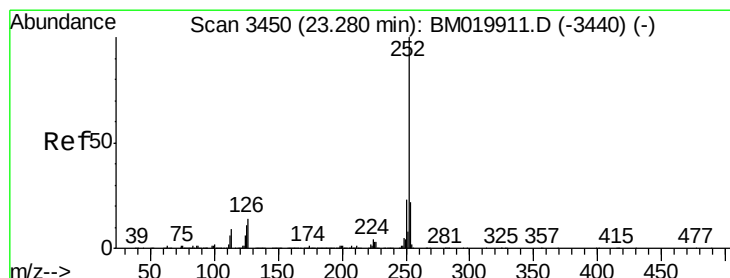
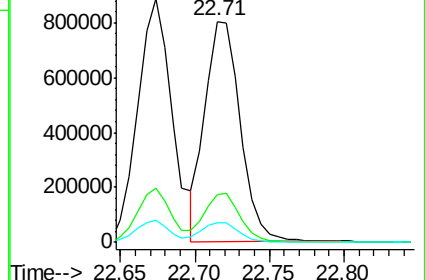
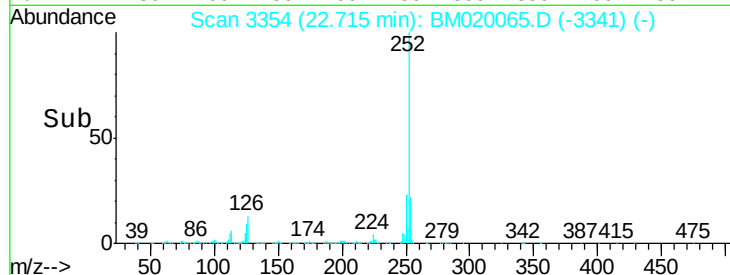
125 9.2 8.2 12.4



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: 49.444 ng

RT: 23.23 min Scan# 3442

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

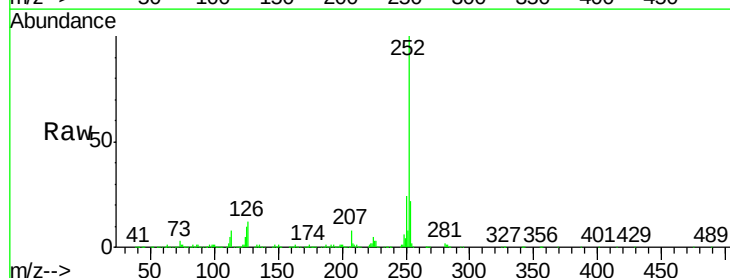
Tgt Ion:252 Resp: 1274308

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

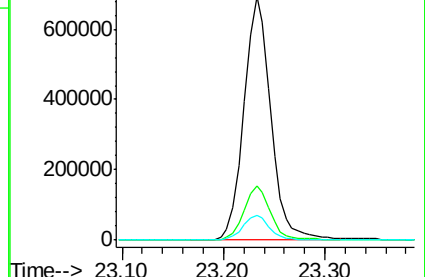
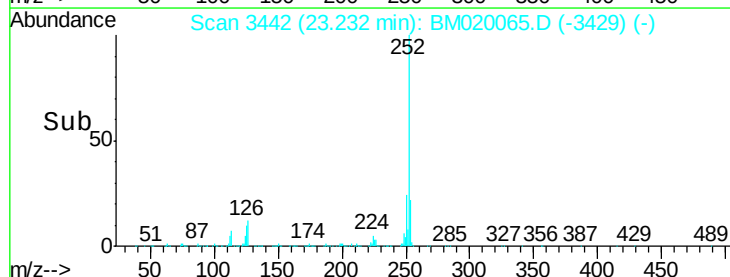
125 10.1 9.1 13.7

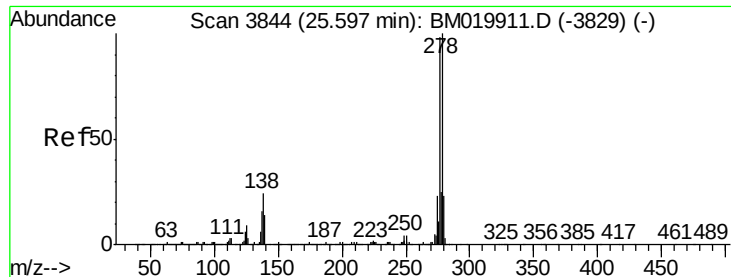


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

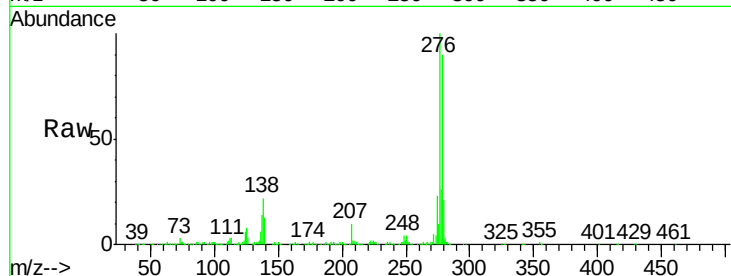




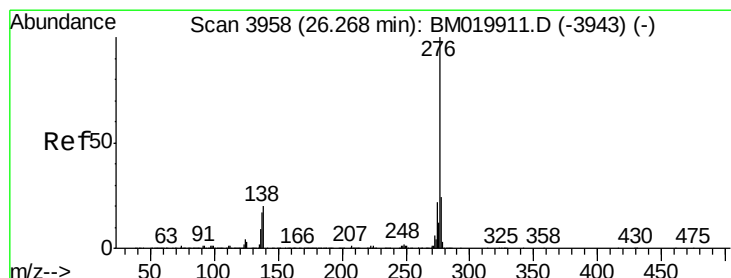
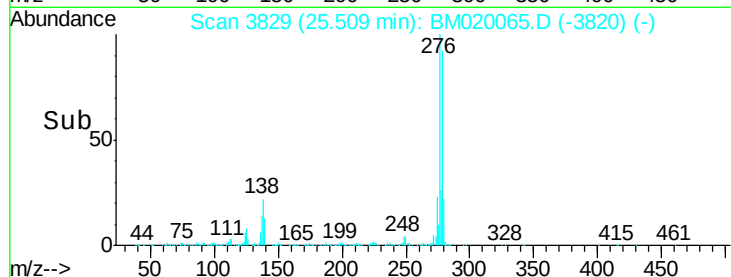
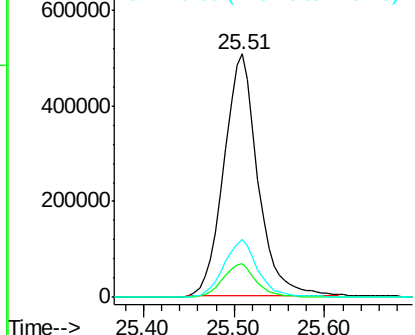
#91
Dibenzo(a,h)anthracene
Concen: 52.889 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.05 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 1314204
Ion Ratio Lower Upper
278 100
139 14.0 11.6 17.4
279 23.7 18.4 27.6

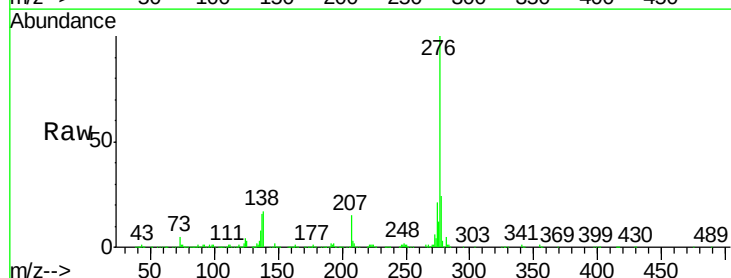


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.329 ng
RT: 26.17 min Scan# 3942
Delta R.T. -0.05 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion:276 Resp: 1200219
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 17.4 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

