

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020042.D
 Acq On : 23 Apr 2019 18:30
 Operator : JU/SJ
 Sample : K2515-07MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 00:57:25 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	77991	20.00	ng	-0.02
21) Naphthalene-d8	10.26	136	291430	20.00	ng	-0.02
39) Acenaphthene-d10	14.16	164	157365	20.00	ng	-0.02
64) Phenanthrene-d10	16.93	188	343614	20.00	ng	-0.02
76) Chrysene-d12	21.14	240	352534	20.00	ng	-0.02
87) Perylene-d12	23.33	264	431717	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	605373	125.80	ng	-0.02
7) Phenol-d6	6.69	99	835300	115.33	ng	-0.02
23) Nitrobenzene-d5	8.66	82	560807	86.06	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	321714	127.00	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1119118	88.63	ng	-0.02
79) Terphenyl-d14	19.57	244	1696703	84.89	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	83537	40.226	ng	98
3) Pyridine	3.49	79	183682	31.583	ng	98
4) n-Nitrosodimethylamine	3.41	42	81444	43.472	ng	# 85
6) Aniline	6.85	93	135249	14.458	ng	98
8) 2-Chlorophenol	7.06	128	223633	37.363	ng	99
9) Benzaldehyde	6.68	77	67794	13.280	ng	95
10) Phenol	6.72	94	297229	37.562	ng	93
11) bis(2-Chloroethyl)ether	6.95	93	197491	34.112	ng	97
12) 1,3-Dichlorobenzene	7.37	146	242904	38.657	ng	97
13) 1,4-Dichlorobenzene	7.53	146	245106	38.446	ng	99
14) 1,2-Dichlorobenzene	7.83	146	237059	37.501	ng	99
15) Benzyl Alcohol	7.76	79	222916	33.856	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.02	45	175409	31.783	ng	96
17) 2-Methylphenol	7.95	107	185191	35.361	ng	98
18) Hexachloroethane	8.53	117	93983	37.924	ng	96
19) n-Nitroso-di-n-propylamine	8.30	70	193133	30.336	ng	99
20) 3+4-Methylphenols	8.29	107	239406	33.278	ng	97
22) Acetophenone	8.33	105	337585	42.529	ng	# 99
24) Nitrobenzene	8.71	77	293688	43.505	ng	96
25) Isophorone	9.22	82	478085	37.688	ng	99
26) 2-Nitrophenol	9.42	139	109228	37.969	ng	95
27) 2,4-Dimethylphenol	9.47	122	182305	44.819	ng	99
28) bis(2-Chloroethoxy)methane	9.70	93	269753	37.976	ng	99
29) 2,4-Dichlorophenol	9.96	162	182480	39.501	ng	99
30) 1,2,4-Trichlorobenzene	10.13	180	220472	44.342	ng	100
31) Naphthalene	10.32	128	656689	42.011	ng	99
32) Benzoic acid	9.63	122	41107	14.668	ng	99
33) 4-Chloroaniline	10.49	127	78867	12.247	ng	99
34) Hexachlorobutadiene	10.56	225	131899	44.979	ng	99
35) Caprolactam	11.30	113	38147	21.815	ng	95
36) 4-Chloro-3-methylphenol	11.60	107	213865	37.258	ng	98
37) 2-Methylnaphthalene	11.94	142	464397	40.807	ng	97
38) 1-Methylnaphthalene	12.16	142	444552	39.563	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	228131	46.993	ng	99

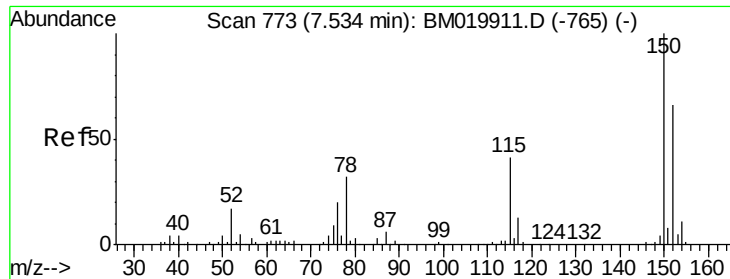
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020042.D
 Acq On : 23 Apr 2019 18:30
 Operator : JU/SJ
 Sample : K2515-07MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 00:57:25 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)
41) Hexachlorocyclopentadiene	12.27	237	144928	83.692	ng	100
43) 2,4,6-Trichlorophenol	12.59	196	146335	44.461	ng	98
44) 2,4,5-Trichlorophenol	12.67	196	145174	42.380	ng	98
46) 1,1'-Biphenyl	12.98	154	602001	44.168	ng	99
47) 2-Chloronaphthalene	13.02	162	459340	44.182	ng	99
48) 2-Nitroaniline	13.27	65	149992	40.025	ng	95
49) Acenaphthylene	13.88	152	737153	40.751	ng	99
50) Dimethylphthalate	13.63	163	665676	47.957	ng	100
51) 2,6-Dinitrotoluene	13.77	165	125113	40.761	ng	88
52) Acenaphthene	14.22	154	431983	43.070	ng	98
53) 3-Nitroaniline	14.13	138	49791	16.246	ng	99
54) 2,4-Dinitrophenol	14.36	184	100927	57.395	ng	88
55) Dibenzofuran	14.56	168	693478	42.283	ng	95
56) 4-Nitrophenol	14.46	139	152595	64.336	ng	91
57) 2,4-Dinitrotoluene	14.59	165	171946	38.972	ng	98
58) Fluorene	15.22	166	567174	40.812	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	137870	44.110	ng	98
60) Diethylphthalate	15.00	149	604542	41.876	ng	100
61) 4-Chlorophenyl-phenylether	15.22	204	283708	42.400	ng	97
62) 4-Nitroaniline	15.30	138	99293	32.882	ng	91
63) Azobenzene	15.51	77	659362	42.734	ng	98
65) 4,6-Dinitro-2-methylphenol	15.36	198	73487	33.519	ng	97
66) n-Nitrosodiphenylamine	15.44	169	479917	42.721	ng	100
67) 4-Bromophenyl-phenylether	16.12	248	162974	41.253	ng	99
68) Hexachlorobenzene	16.22	284	199213	42.026	ng	98
69) Atrazine	16.41	200	163513	42.877	ng	98
70) Pentachlorophenol	16.59	266	186760	77.110	ng	98
71) Phenanthrene	16.97	178	850080	41.689	ng	99
72) Anthracene	17.06	178	854287	42.088	ng	99
73) Carbazole	17.36	167	765400	40.388	ng	98
74) Di-n-butylphthalate	17.89	149	1026613	41.249	ng	99
75) Fluoranthene	19.00	202	991568	42.255	ng	98
77) Benzidine	19.22	184	304245	31.279	ng	99
78) Pyrene	19.37	202	1033925	44.287	ng	100
80) Butylbenzylphthalate	20.28	149	499263	44.110	ng	98
81) Benzo(a)anthracene	21.13	228	1007617	45.120	ng	99
82) 3,3'-Dichlorobenzidine	21.08	252	223907	26.948	ng	99
83) Chrysene	21.19	228	1005469	46.948	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	731221	43.395	ng	99
85) Di-n-octyl phthalate	21.91	149	1306512	47.785	ng	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	1538547	73.027	ng	98
88) Benzo(b)fluoranthene	22.67	252	1186408	41.386	ng	100
89) Benzo(k)fluoranthene	22.71	252	1142381	42.329	ng	99
90) Benzo(a)pyrene	23.23	252	1145749	45.108	ng	98
91) Dibenzo(a,h)anthracene	25.51	278	1304047	53.250	ng	99
92) Benzo(g,h,i)perylene	26.18	276	1209663	54.536	ng	97

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

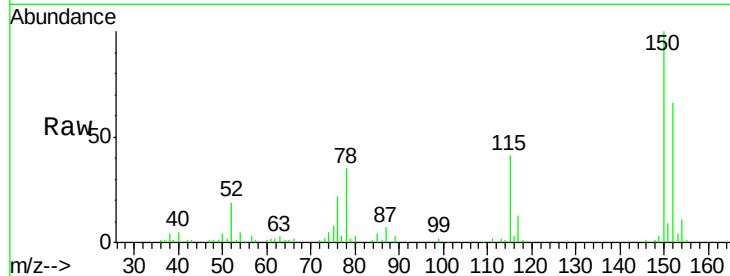


#1

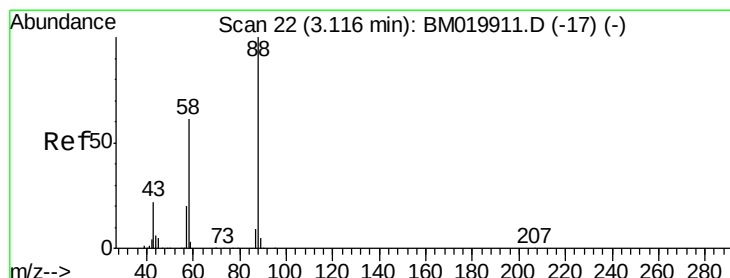
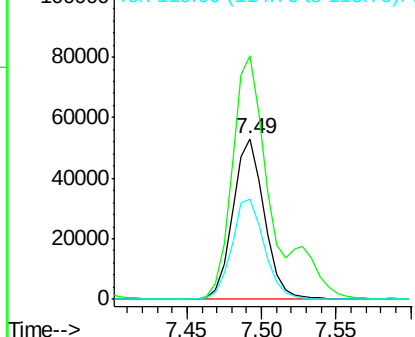
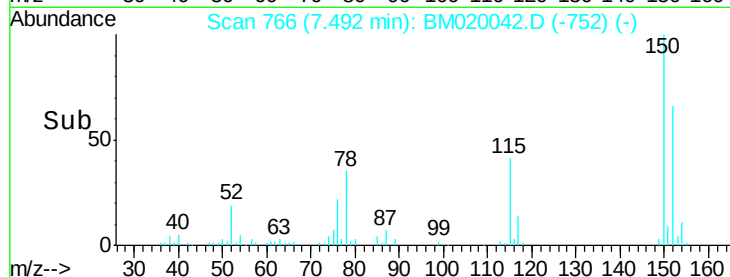
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 77991
Ion Ratio Lower Upper
152 100
150 151.5 122.1 183.1
115 62.2 50.0 75.0



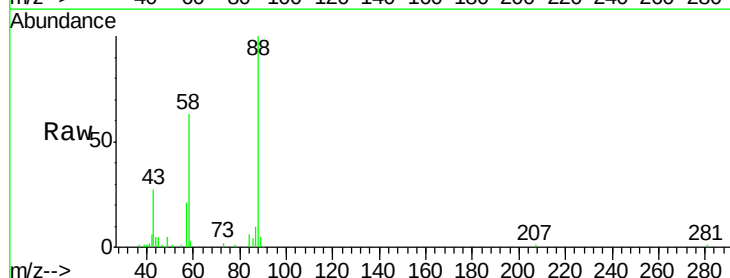
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



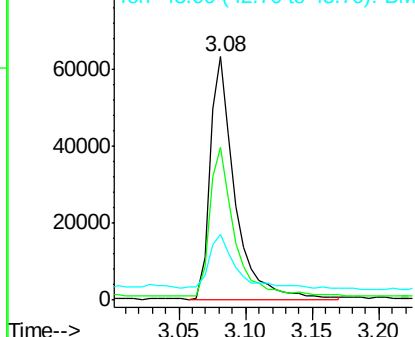
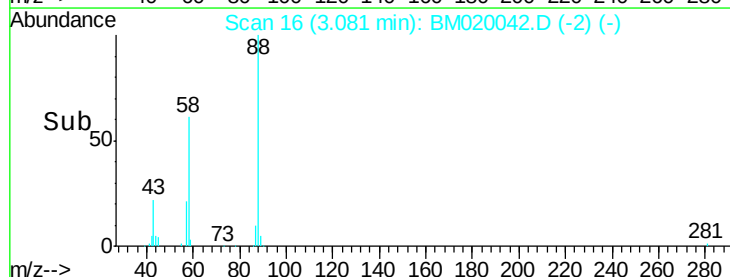
#2

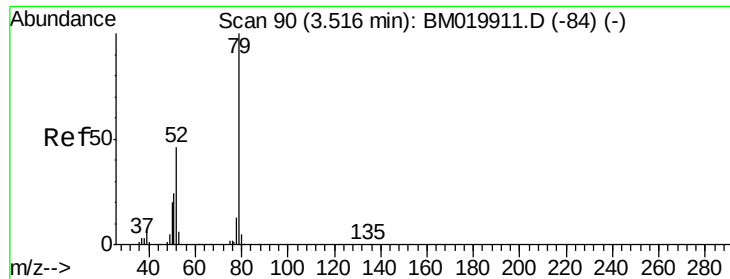
1,4-Dioxane
Concen: 40.226 ng
RT: 3.08 min Scan# 16
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Tgt Ion: 88 Resp: 83537
Ion Ratio Lower Upper
88 100
58 60.1 49.6 74.4
43 24.0 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: 31.583 ng

RT: 3.49 min Scan# 85

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

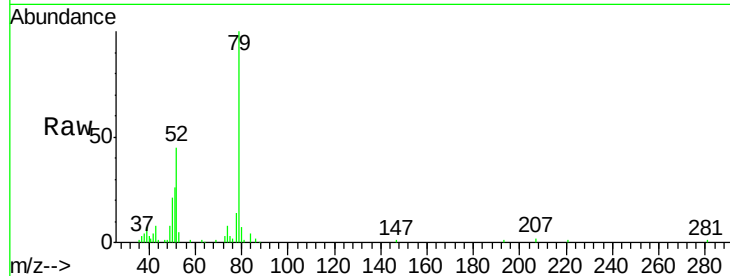
Tot Ion: 79 Resp: 183682

Ion Ratio Lower Upper

79 100

52 44.6 36.9 55.3

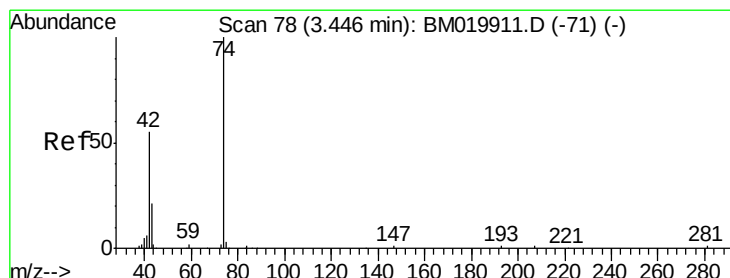
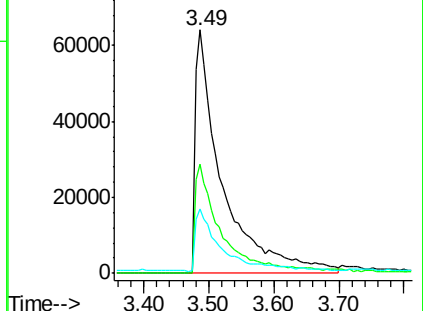
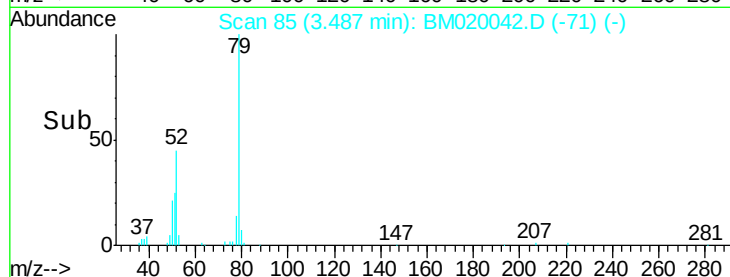
51 26.3 20.0 30.0



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: 43.472 ng

RT: 3.41 min Scan# 72

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

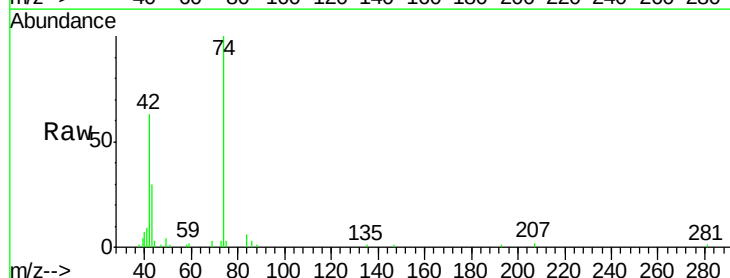
Tgt Ion: 42 Resp: 81444

Ion Ratio Lower Upper

42 100

74 159.4 144.6 217.0

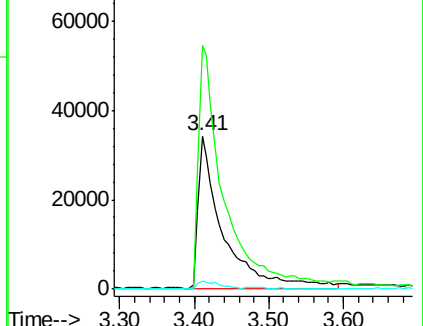
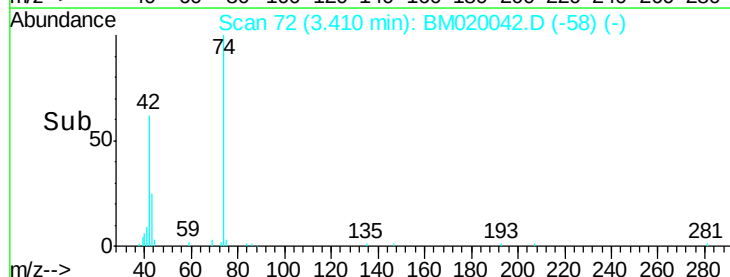
44 5.0 5.4 8.2#

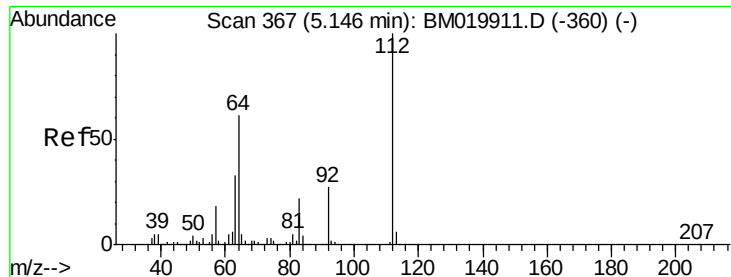


Abundance Ion 42.00 (41.70 to 42.70): BM019911.D (-71) (-)

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: 125.796 ng

RT: 5.10 min Scan# 360

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

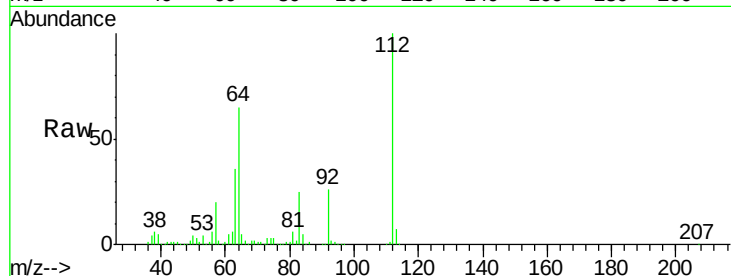
Tot Ion:112 Resp: 605373

Ion Ratio Lower Upper

112 100

64 64.6 49.1 73.7

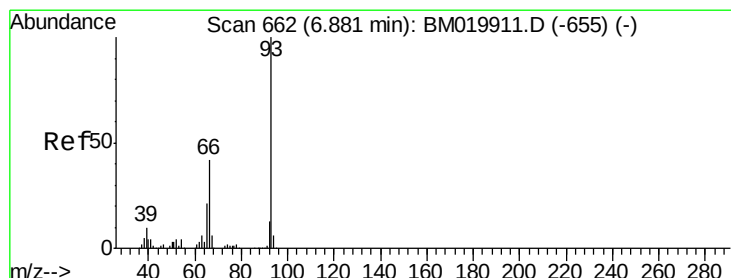
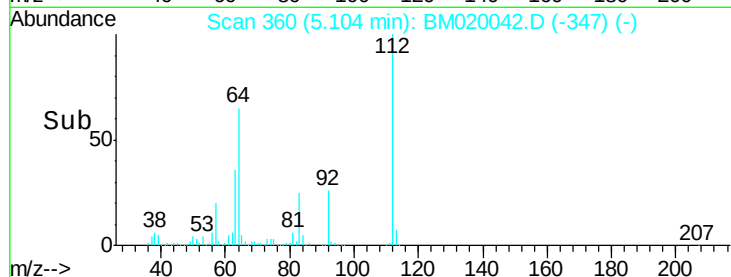
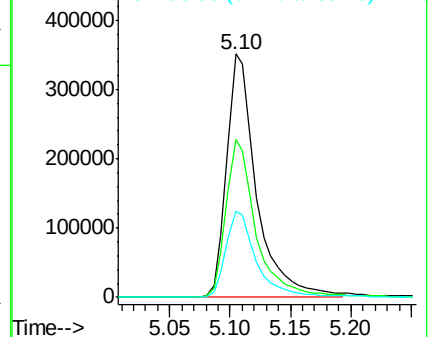
63 35.5 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 14.458 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

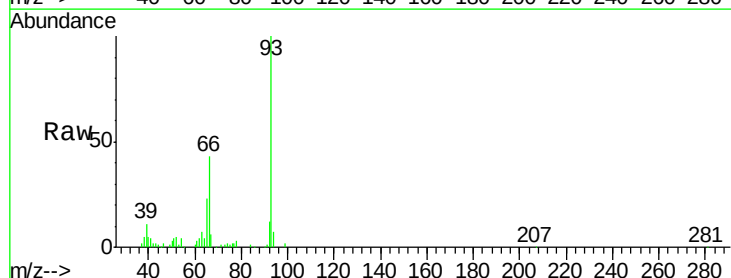
Tgt Ion: 93 Resp: 135249

Ion Ratio Lower Upper

93 100

66 43.1 33.9 50.9

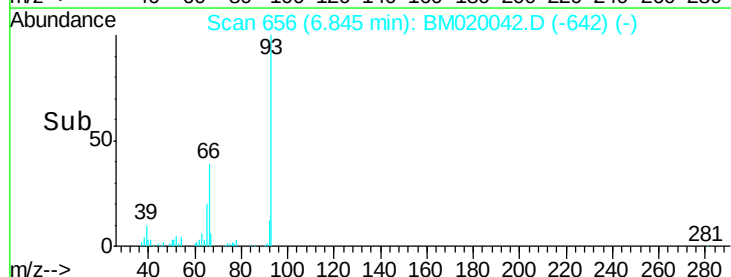
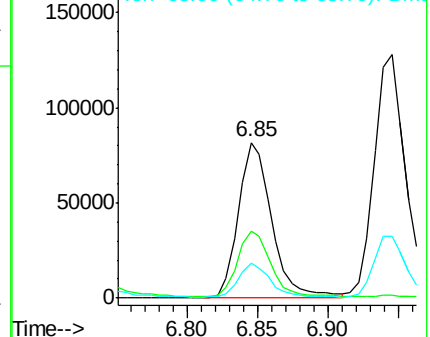
65 22.6 17.0 25.6

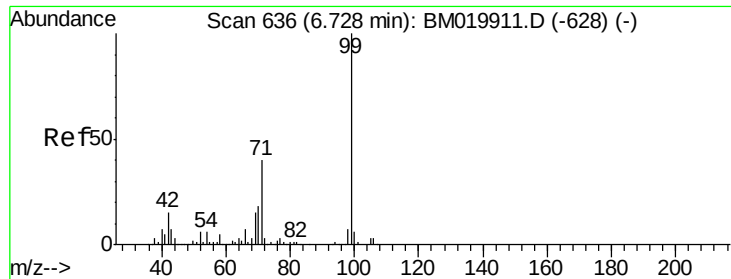


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 115.333 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

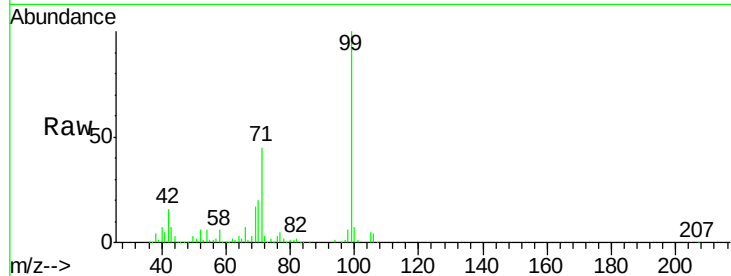
Tot Ion: 99 Resp: 835300

Ion Ratio Lower Upper

99 100

42 15.7 11.8 17.8

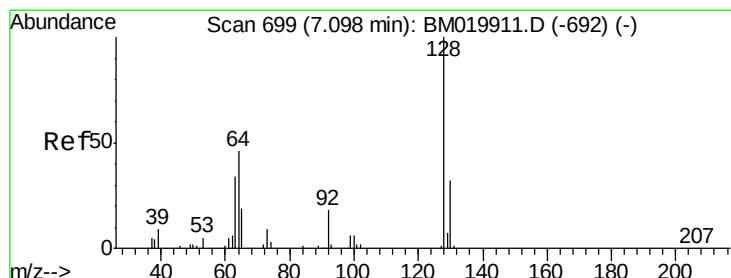
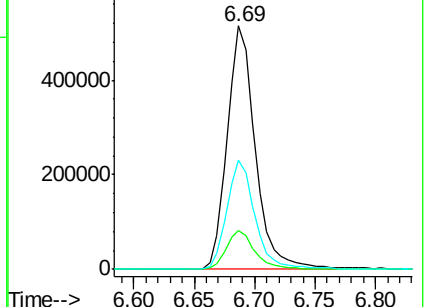
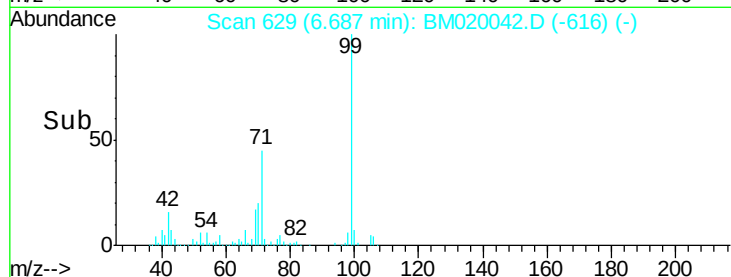
71 44.9 32.0 48.0



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

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

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



#8

2-Chlorophenol

Concen: 37.363 ng

RT: 7.06 min Scan# 692

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

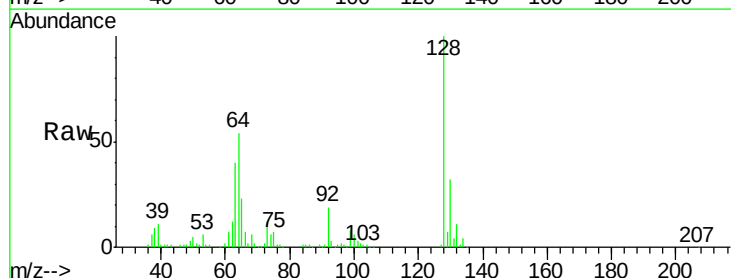
Tgt Ion: 128 Resp: 223633

Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

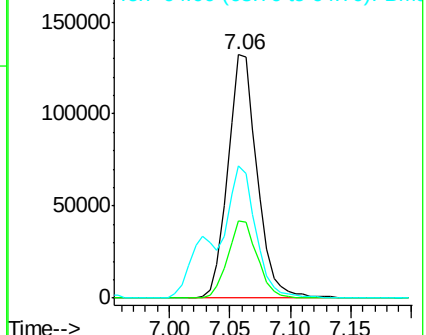
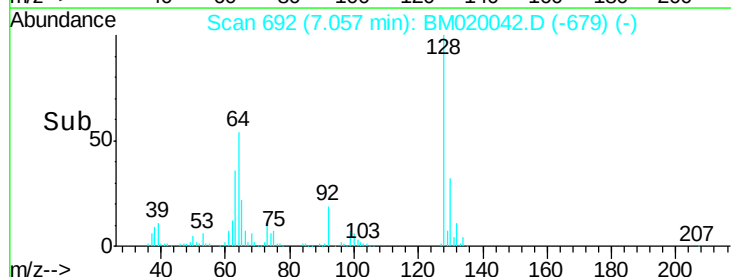
64 54.1 33.0 73.0

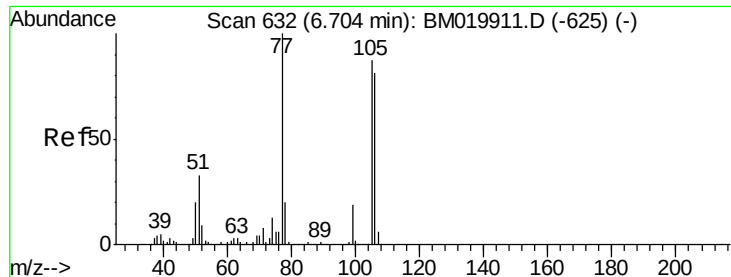


Abundance Ion 128.00 (127.70 to 128.70): BM019911.D (-692) (-)

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: 13.280 ng

RT: 6.68 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

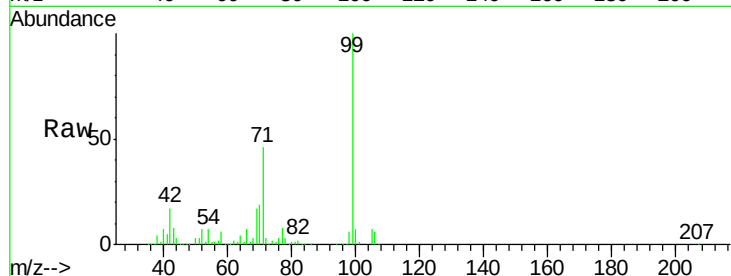
Tot Ion: 77 Resp: 67794

Ion Ratio Lower Upper

77 100

105 81.6 67.3 107.3

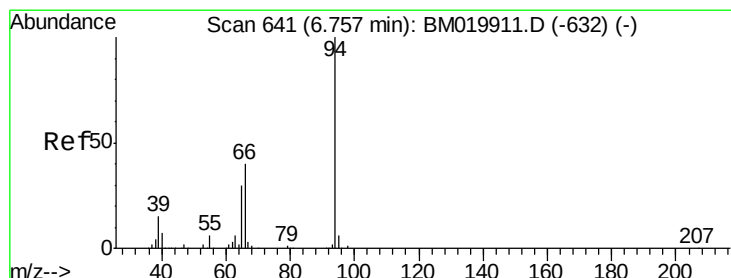
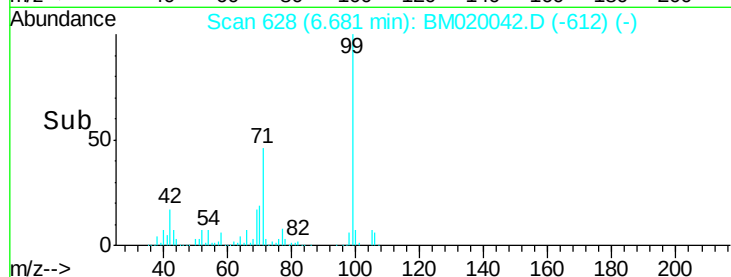
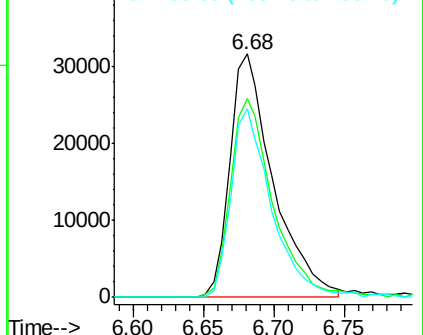
106 77.5 60.6 100.6



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

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

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



#10

Phenol

Concen: 37.562 ng

RT: 6.72 min Scan# 634

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

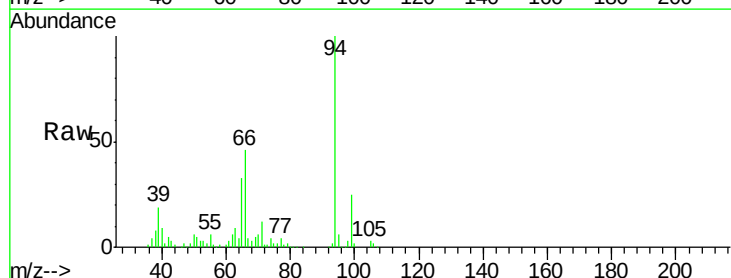
Tgt Ion: 94 Resp: 297229

Ion Ratio Lower Upper

94 100

65 33.1 10.0 50.0

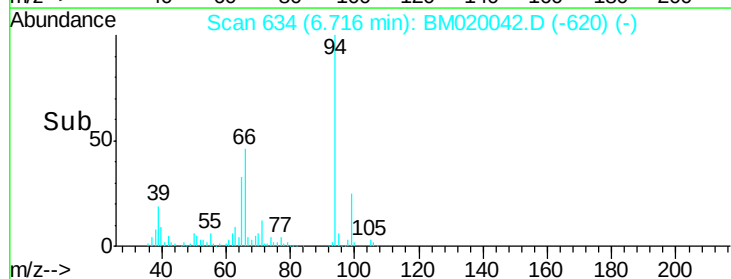
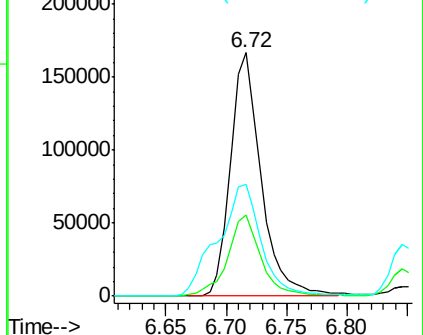
66 45.7 20.2 60.2

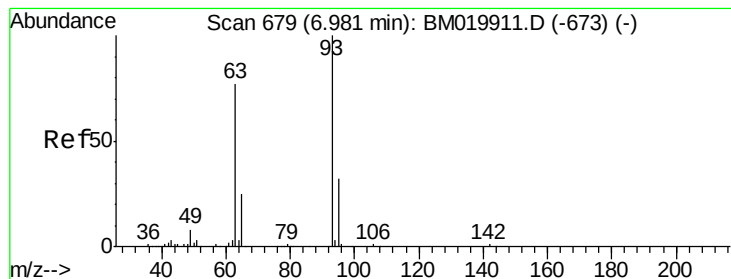


Abundance Ion 94.00 (93.70 to 94.70): BM019911.D (-632) (-)

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

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





#11

bis(2-Chloroethyl)ether

Concen: 34.112 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

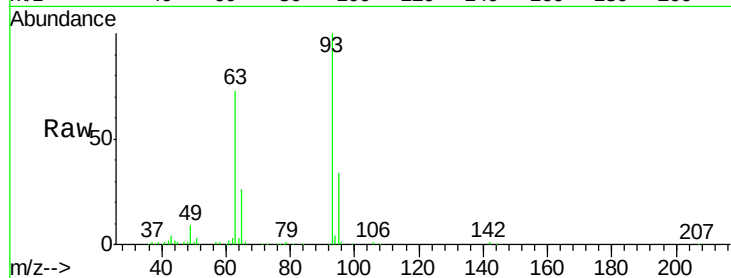
Tot Ion: 93 Resp: 197491

Ion Ratio Lower Upper

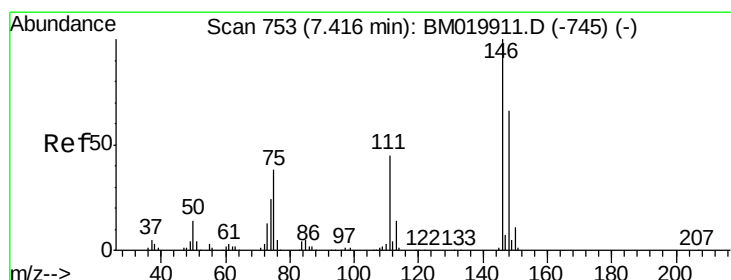
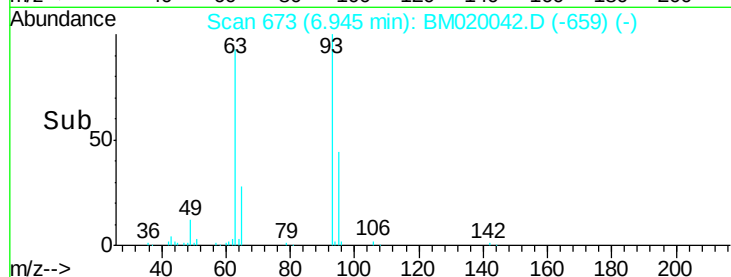
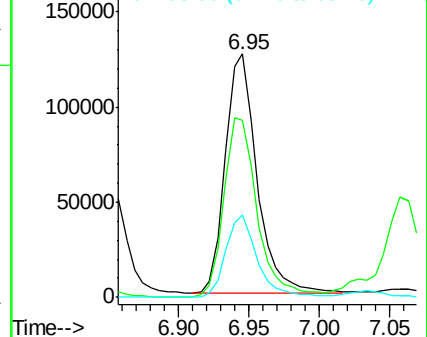
93 100

63 72.9 55.8 95.8

95 33.6 11.6 51.6



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 63.00 (62.70 to 63.70): BM0
Ion 95.00 (94.70 to 95.70): BM0



#12

1,3-Dichlorobenzene

Concen: 38.657 ng

RT: 7.37 min Scan# 746

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

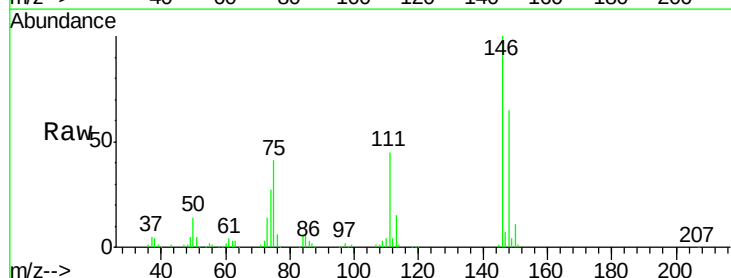
Tgt Ion: 146 Resp: 242904

Ion Ratio Lower Upper

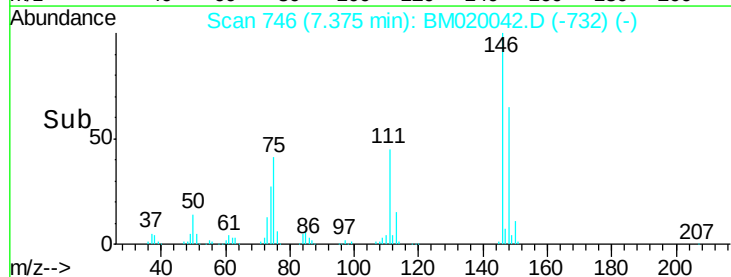
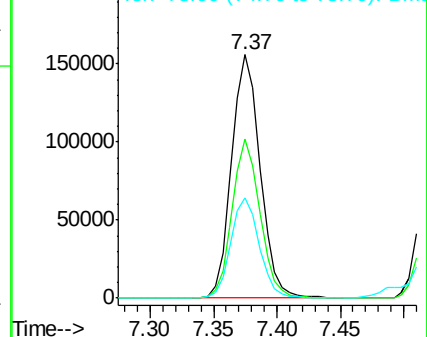
146 100

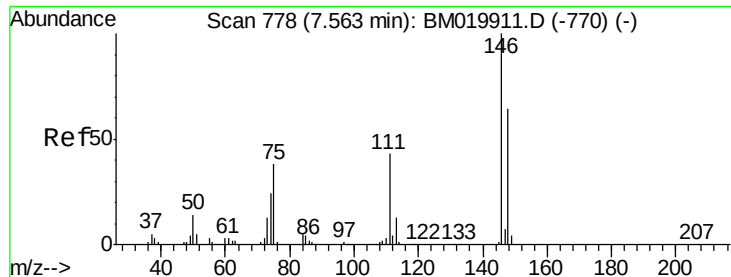
148 65.4 52.6 78.8

75 41.3 30.0 45.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BM0

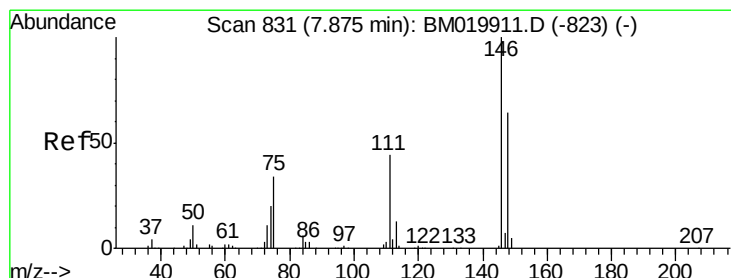
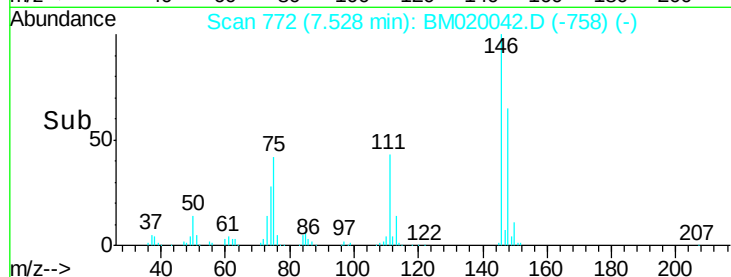
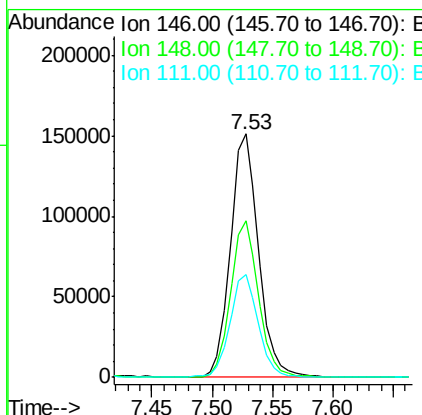
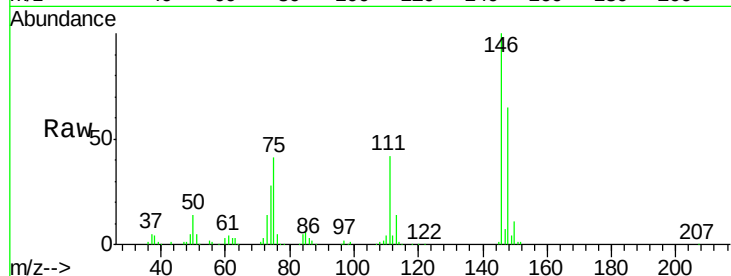




#13
1,4-Dichlorobenzene
Concen: 38.446 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

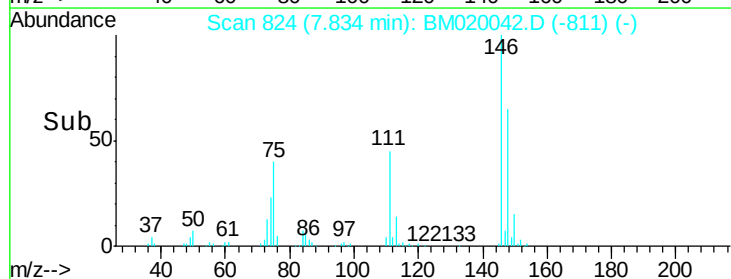
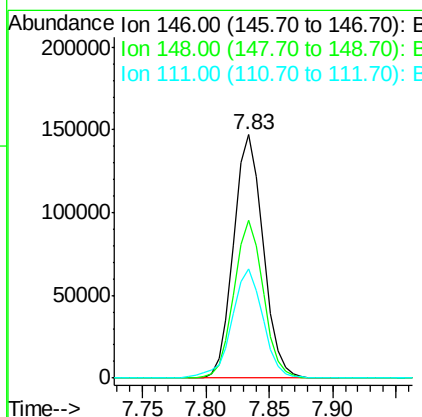
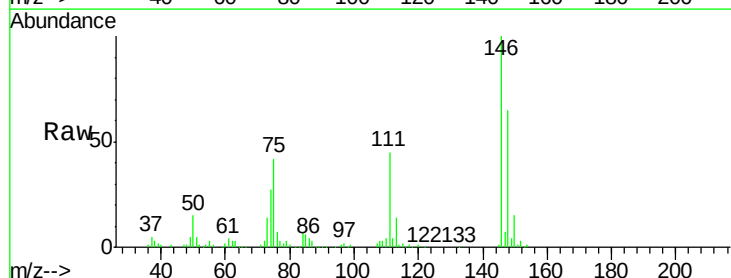
Instrument :
BNA_M
ClientSampleId :

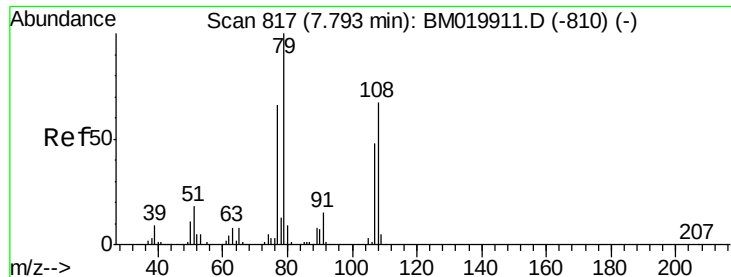
Tot Ion:146 Resp: 245106
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
111 42.3 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 37.501 ng
RT: 7.83 min Scan# 824
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Tgt Ion:146 Resp: 237059
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.2
111 44.9 35.4 53.0





#15

Benzyl Alcohol

Concen: 33.856 ng

RT: 7.76 min Scan# 811

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampled :

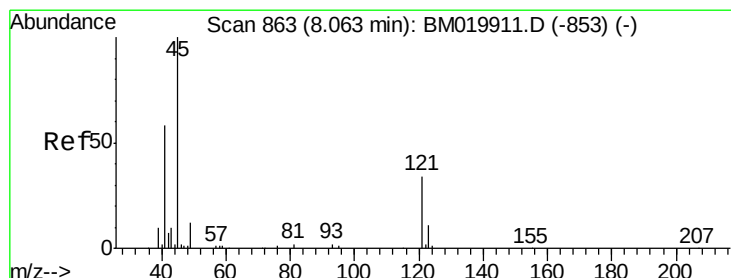
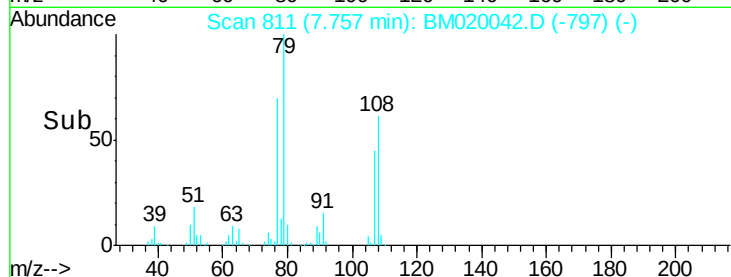
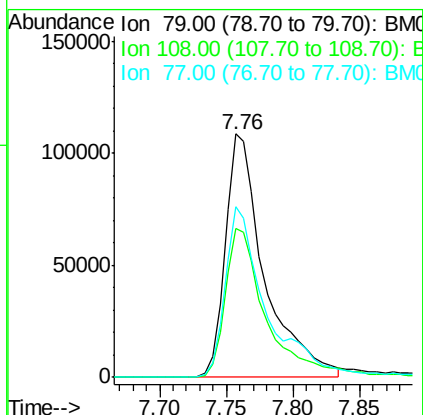
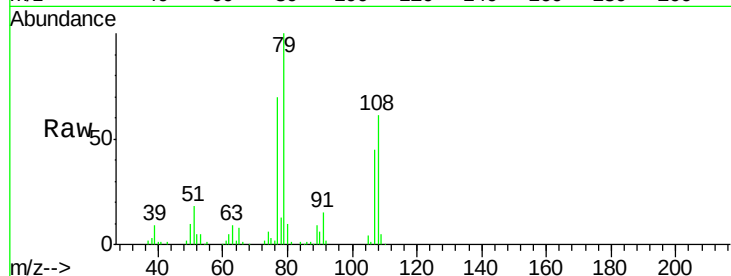
Tot Ion: 79 Resp: 222916

Ion Ratio Lower Upper

79 100

108 61.0 53.9 80.9

77 70.1 53.1 79.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.783 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

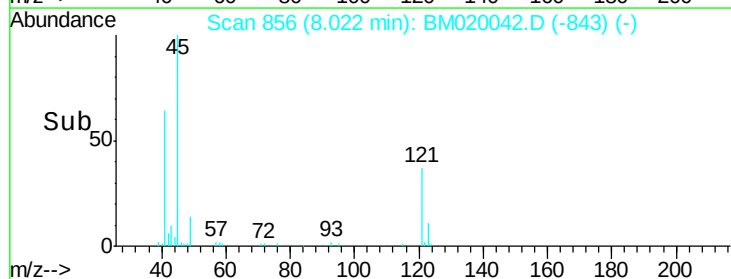
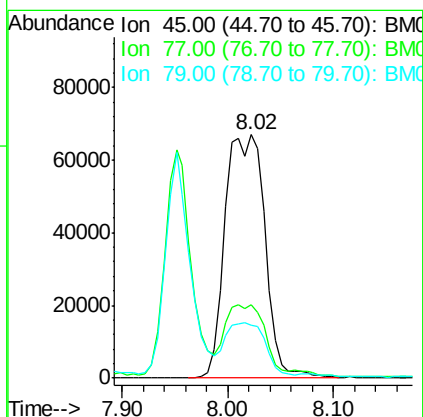
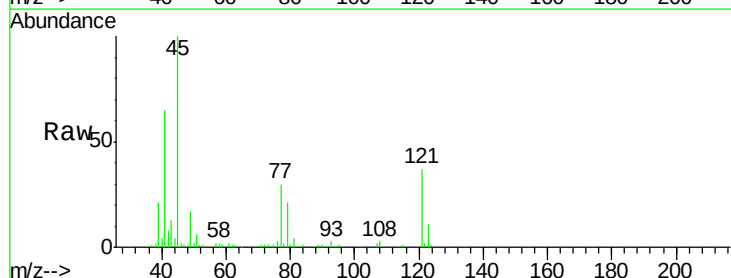
Tgt Ion: 45 Resp: 175409

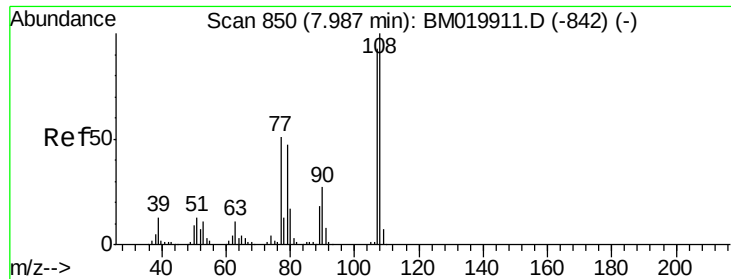
Ion Ratio Lower Upper

45 100

77 30.4 7.2 47.2

79 21.5 1.2 41.2





#17

2-Methylphenol

Concen: 35.361 ng

RT: 7.95 min Scan# 844

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 185191

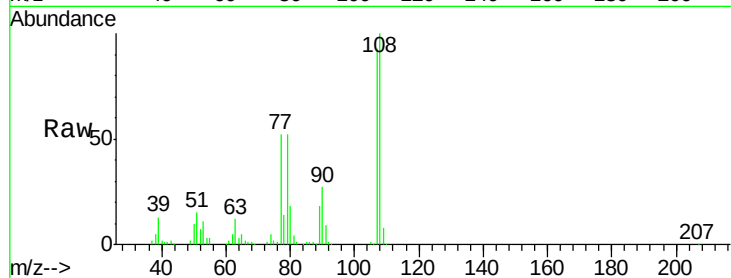
Ion Ratio Lower Upper

107 100

108 107.3 85.9 128.9

77 56.3 43.8 65.6

79 55.8 41.1 61.7

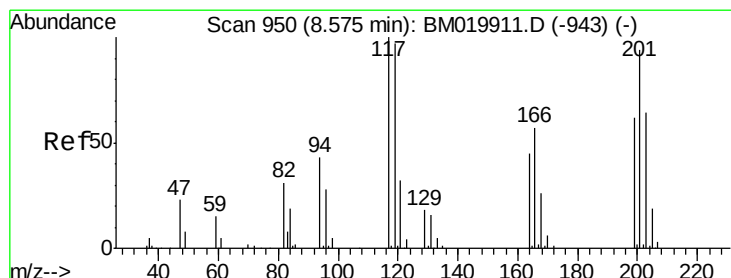
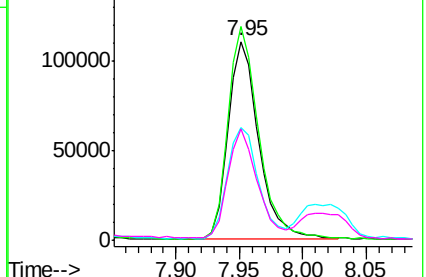
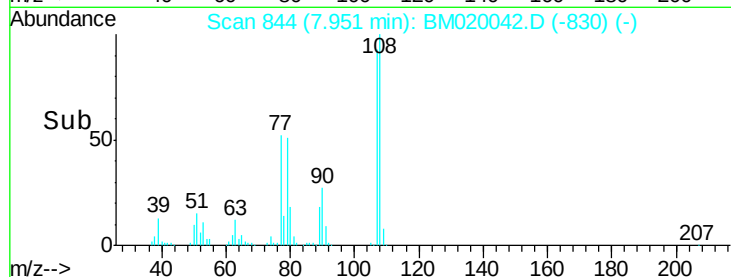


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 37.924 ng

RT: 8.53 min Scan# 943

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

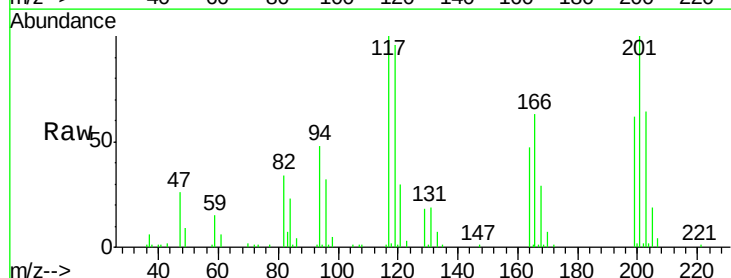
Tgt Ion:117 Resp: 93983

Ion Ratio Lower Upper

117 100

119 95.5 77.6 116.4

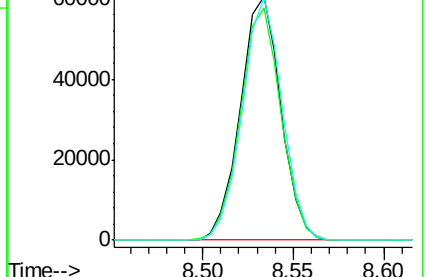
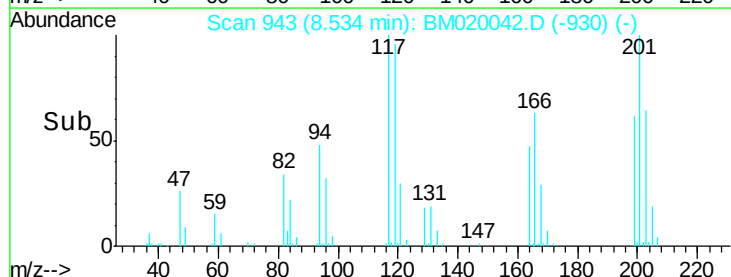
201 99.8 75.4 113.2

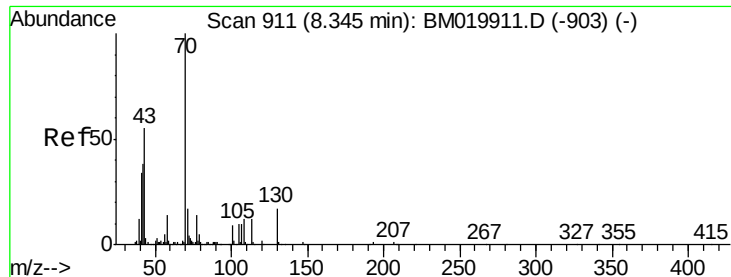


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

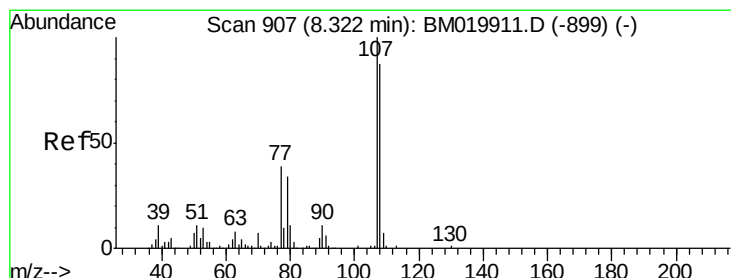
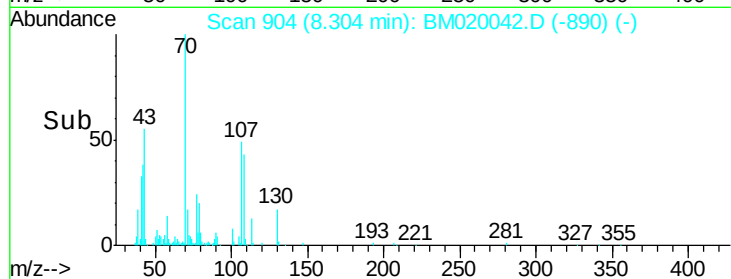
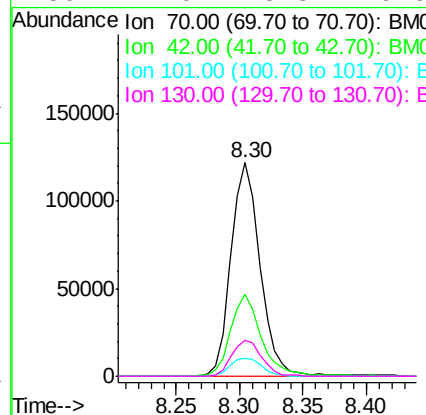
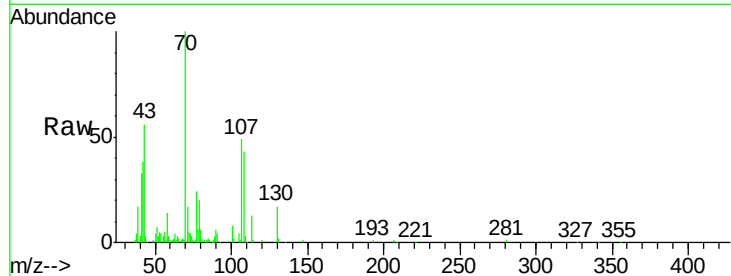




#19
n-Nitroso-di-n-propylamine
Concen: 30.336 ng
RT: 8.30 min Scan# 904
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

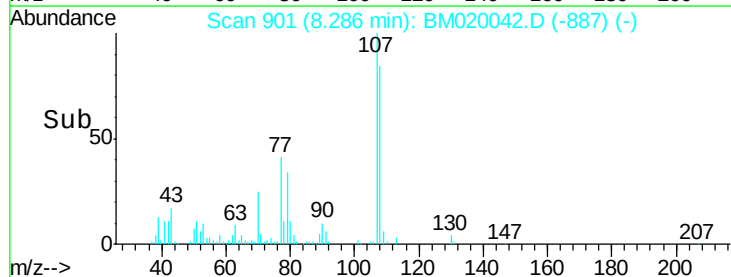
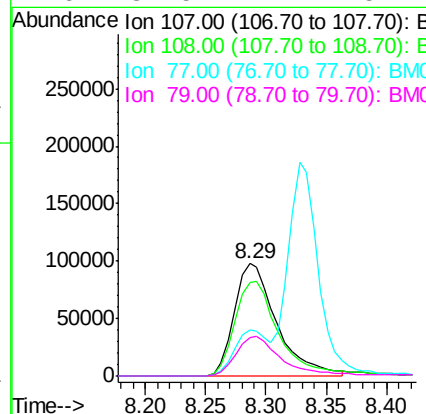
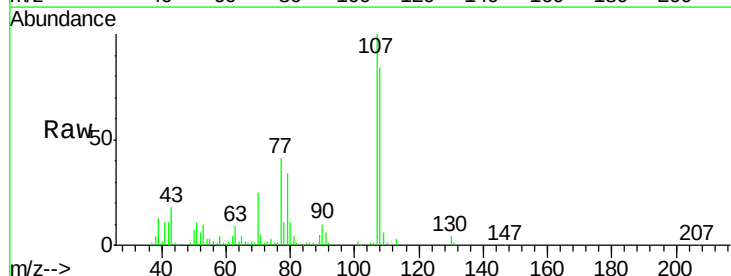
Instrument :
BNA_M
ClientSampleId :

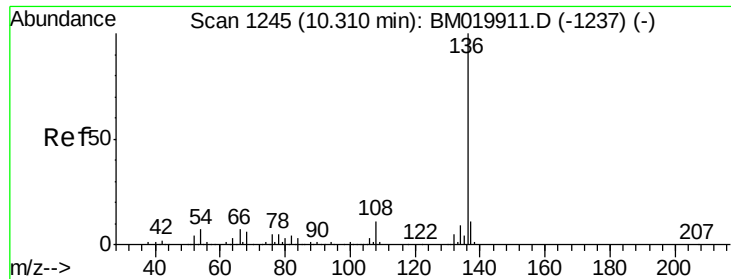
Tot Ion	Ratio	Lower	Upper
70	100		
42	38.3	30.3	45.5
101	8.1	6.9	10.3
130	17.0	13.8	20.6



#20
3+4-Methylphenols
Concen: 33.278 ng
RT: 8.29 min Scan# 901
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.7	67.4	107.4
77	41.3	19.7	59.7
79	34.5	14.1	54.1

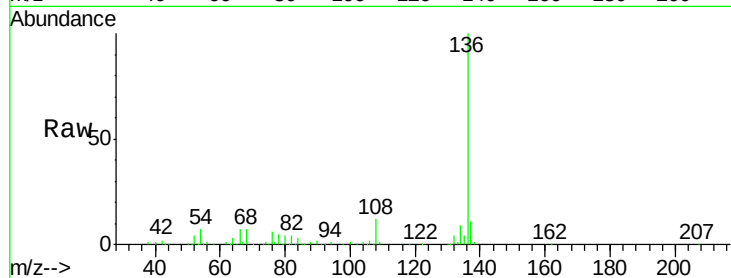




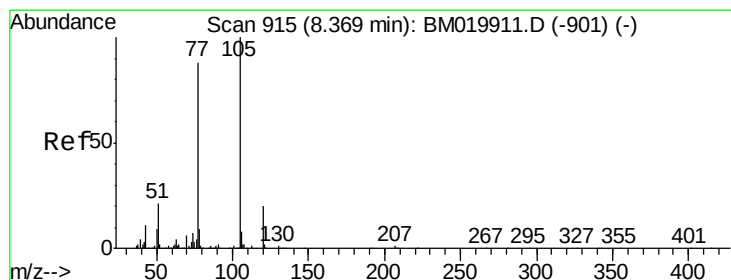
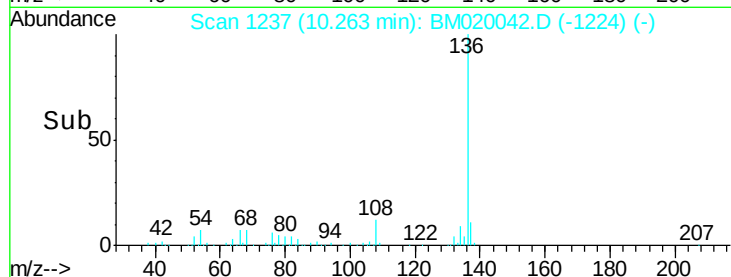
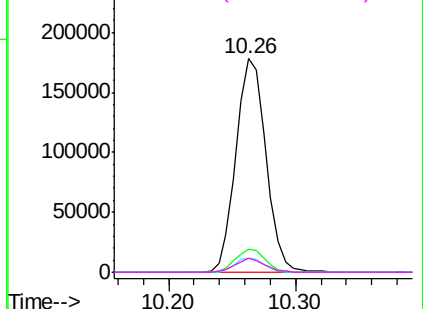
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	291430
Ion Ratio	Lower	Upper
136 100		
137 10.9	9.0	13.6
54 6.8	5.3	7.9
68 6.7	5.2	7.8

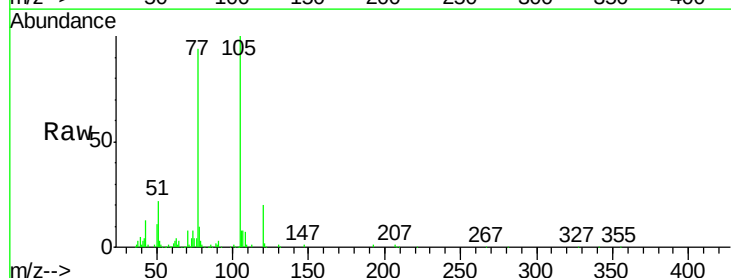


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

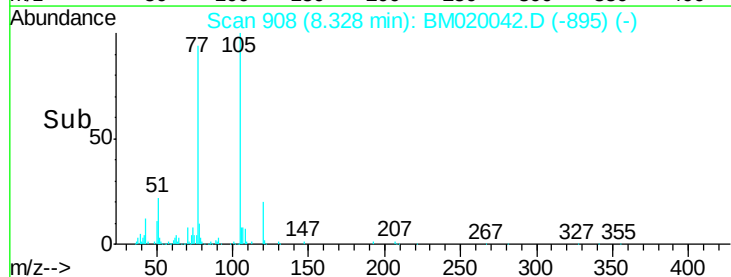
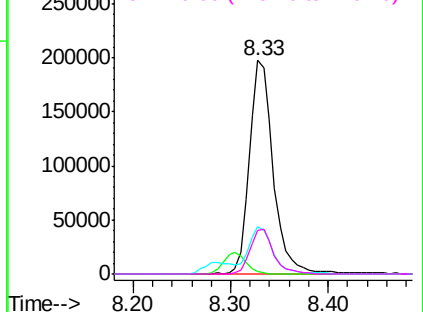


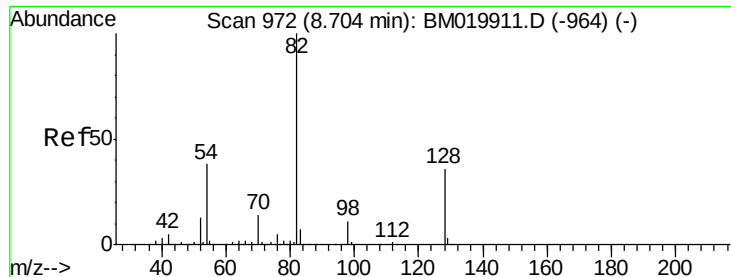
#22
Acetophenone
Concen: 42.529 ng
RT: 8.33 min Scan# 908
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Tgt	Ion:105	Resp:	337585
Ion	Ratio	Lower	Upper
105	100		
71	1.3	0.8	1.2#
51	22.3	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

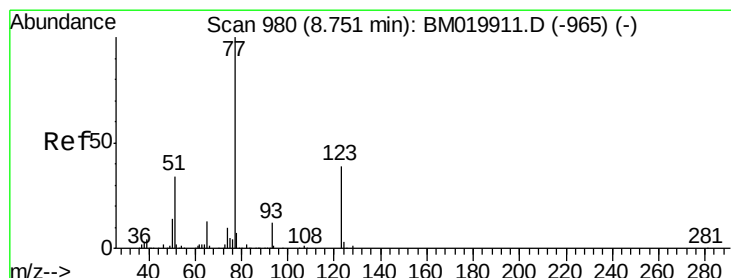
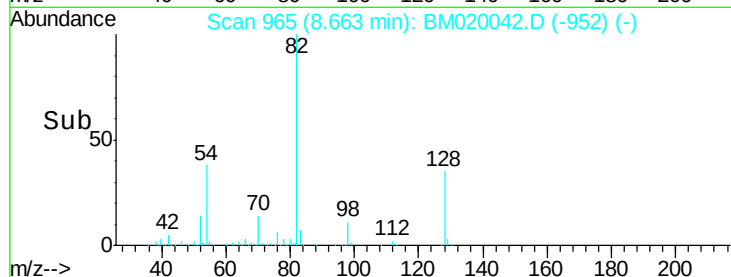
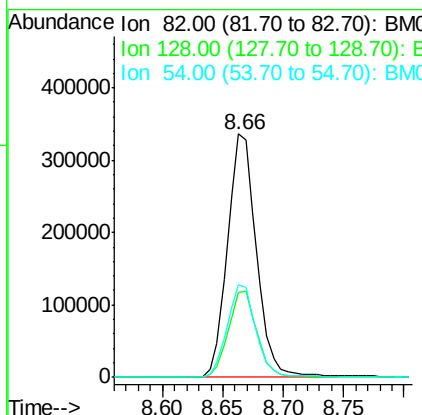
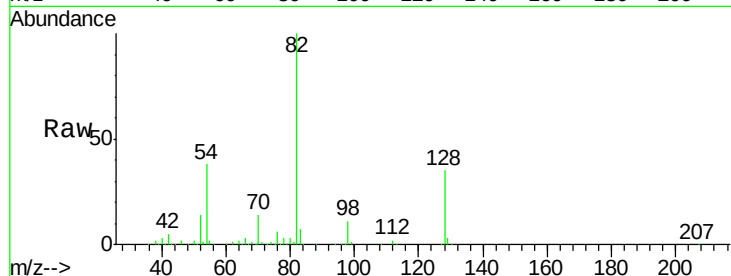




#23
Nitrobenzene-d5
Concen: 86.058 ng
RT: 8.66 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

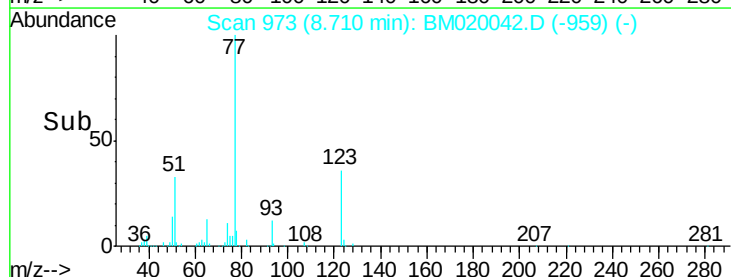
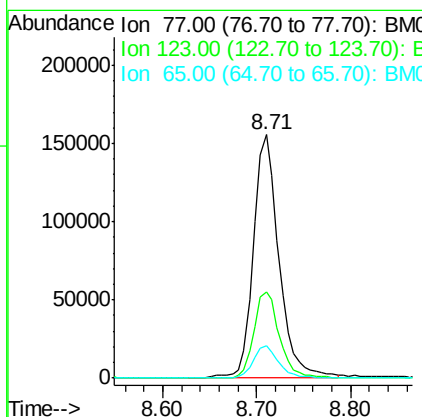
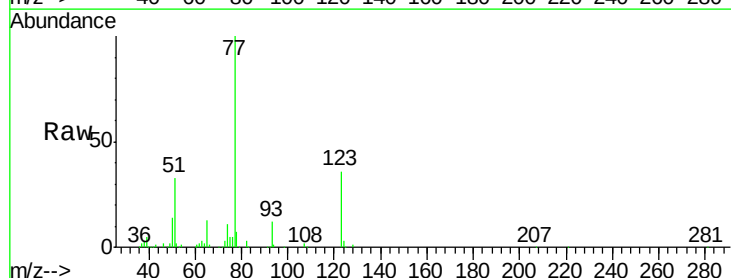
Instrument :
BNA_M
ClientSampleId :

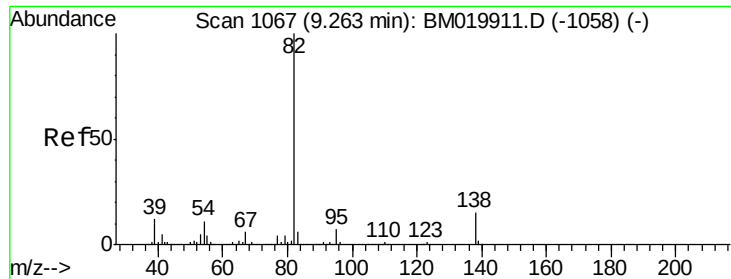
Tot Ion	82	Resp	560807
Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.0	43.4
54	38.1	30.2	45.4



#24
Nitrobenzene
Concen: 43.505 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Tgt Ion	77	Resp	293688
Ion	Ratio	Lower	Upper
77	100		
123	35.5	31.0	46.4
65	13.1	10.6	16.0





#25

Isophorone

Concen: 37.688 ng

RT: 9.22 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

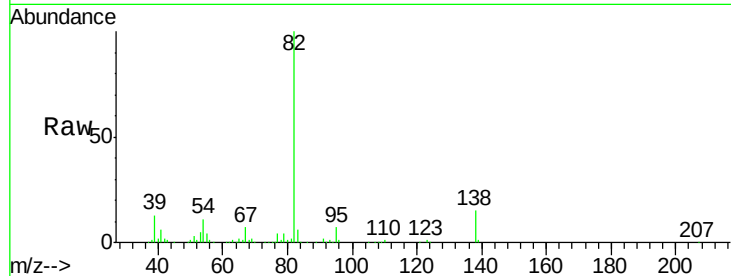
Tot Ion: 82 Resp: 478085

Ion Ratio Lower Upper

82 100

95 7.4 5.5 8.3

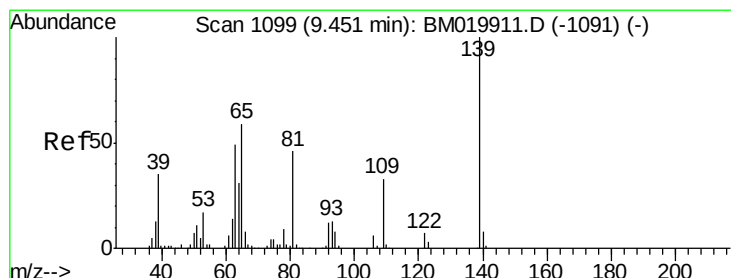
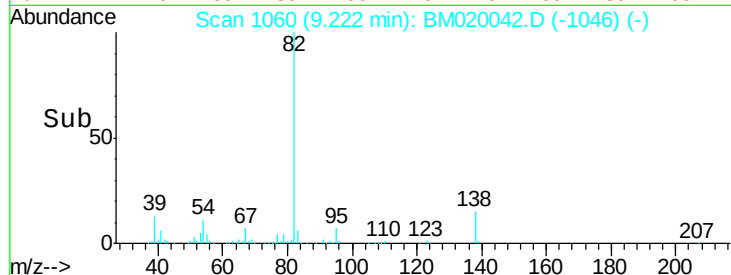
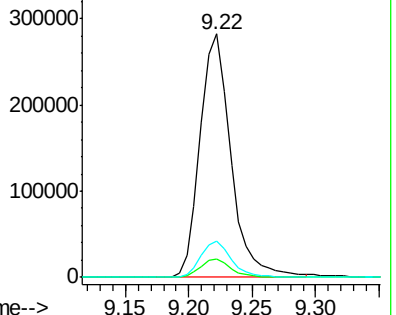
138 15.1 12.2 18.2



Abundance Ion 82.00 (81.70 to 82.70): BM020042.D (-1046) (-)

Ion 95.00 (94.70 to 95.70): BM020042.D (-1046) (-)

Ion 138.00 (137.70 to 138.70): BM020042.D (-1046) (-)



#26

2-Nitrophenol

Concen: 37.969 ng

RT: 9.42 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

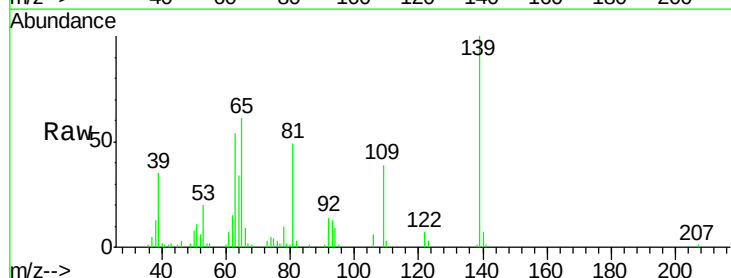
Tgt Ion: 139 Resp: 109228

Ion Ratio Lower Upper

139 100

109 38.7 26.3 39.5

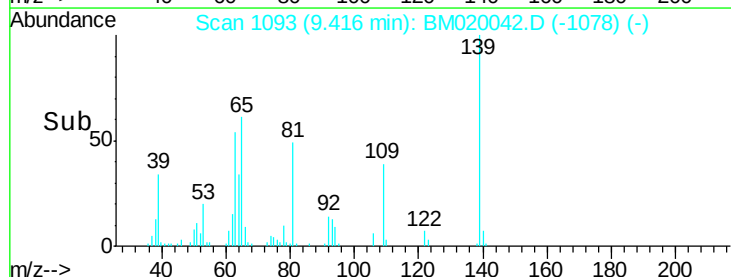
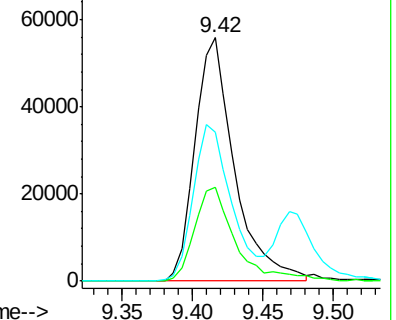
65 61.1 47.4 71.2

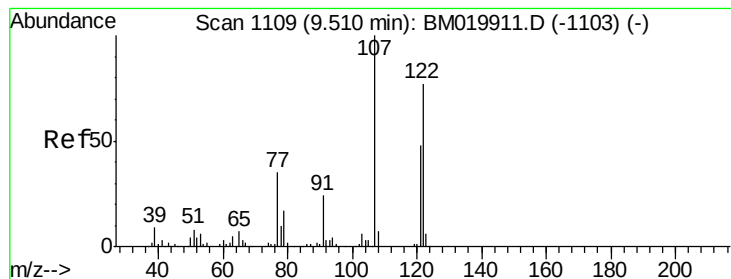


Abundance Ion 139.00 (138.70 to 139.70): BM020042.D (-1078) (-)

Ion 109.00 (108.70 to 109.70): BM020042.D (-1078) (-)

Ion 65.00 (64.70 to 65.70): BM020042.D (-1078) (-)

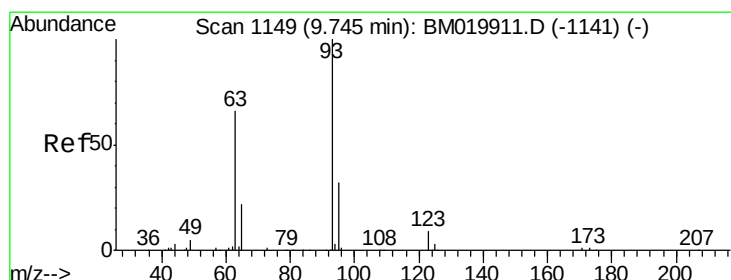
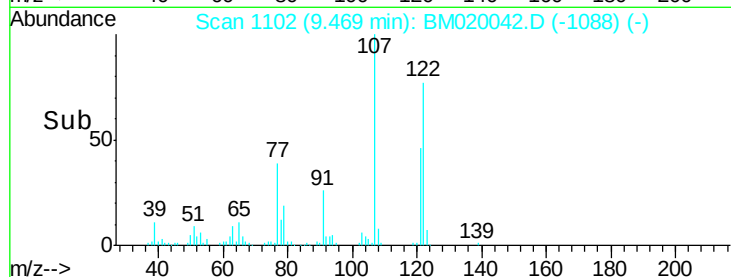
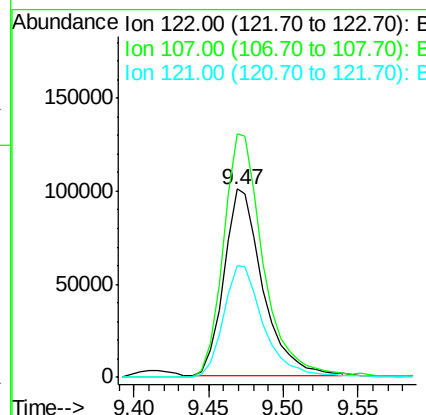
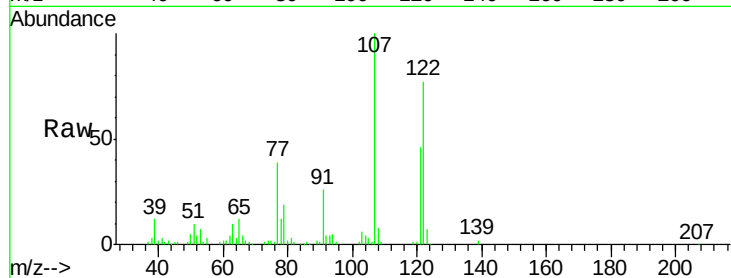




#27
 2,4-Dimethylphenol
 Concen: 44.819 ng
 RT: 9.47 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BM020042.D
 Acq: 23 Apr 2019 18:30

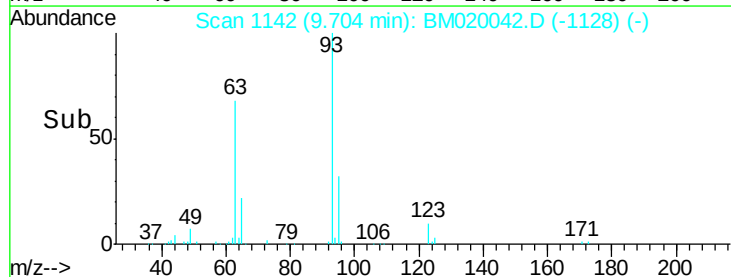
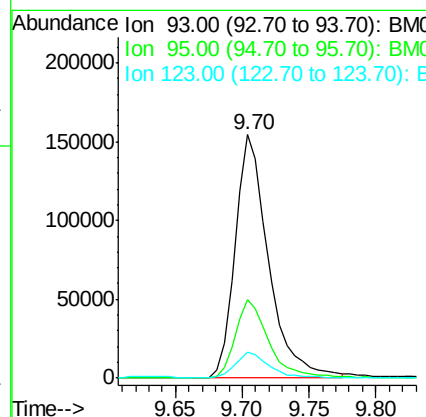
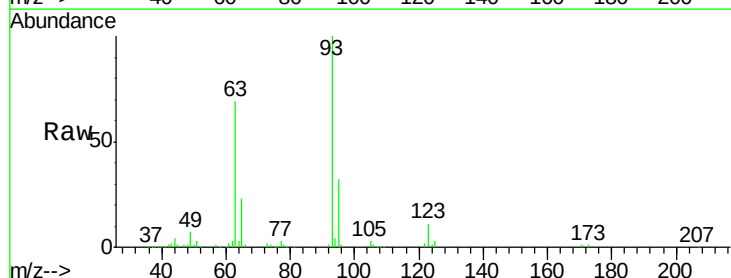
Instrument :
 BNA_M
 ClientSampleId :

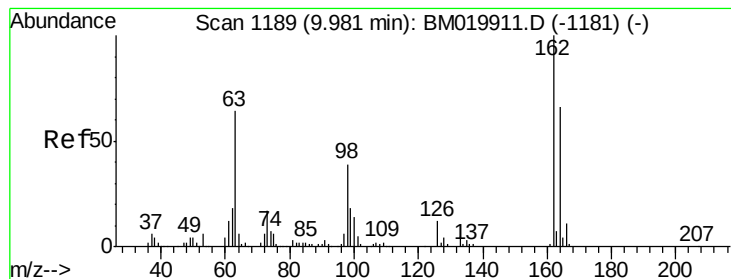
Tot Ion:122 Resp: 182305
 Ion Ratio Lower Upper
 122 100
 107 129.5 103.1 154.7
 121 59.8 49.8 74.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.976 ng
 RT: 9.70 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BM020042.D
 Acq: 23 Apr 2019 18:30

Tgt Ion: 93 Resp: 269753
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.8 38.8
 123 10.8 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 39.501 ng

RT: 9.96 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

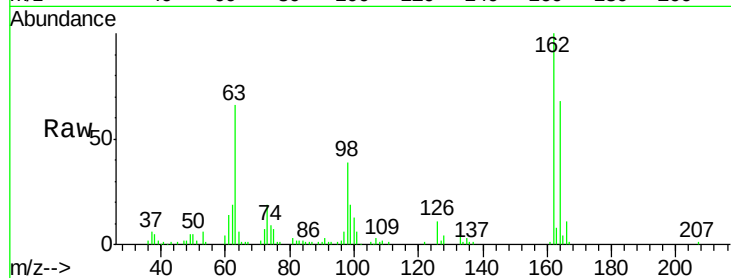
Tot Ion:162 Resp: 182480

Ion Ratio Lower Upper

162 100

164 67.7 46.3 86.3

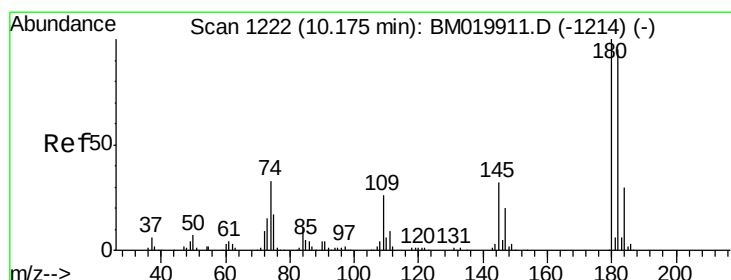
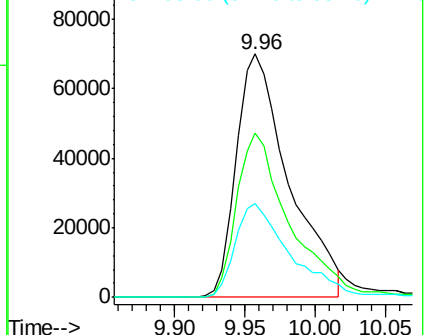
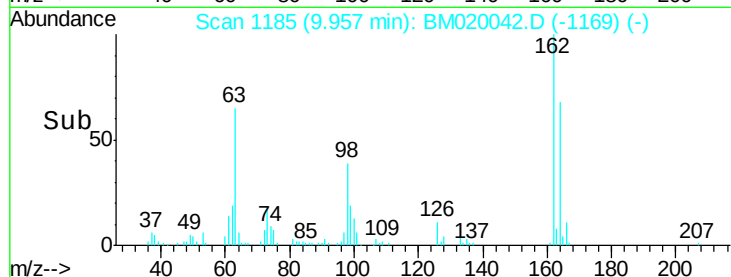
98 38.8 19.2 59.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 44.342 ng

RT: 10.13 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

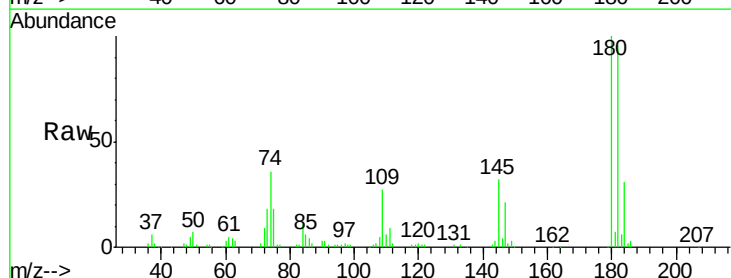
Tgt Ion:180 Resp: 220472

Ion Ratio Lower Upper

180 100

182 95.7 76.3 114.5

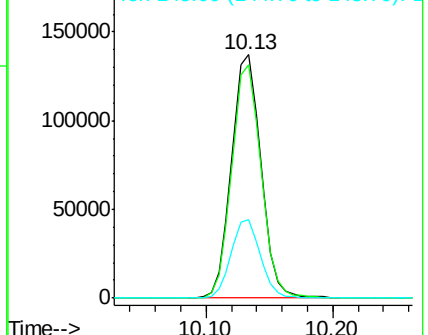
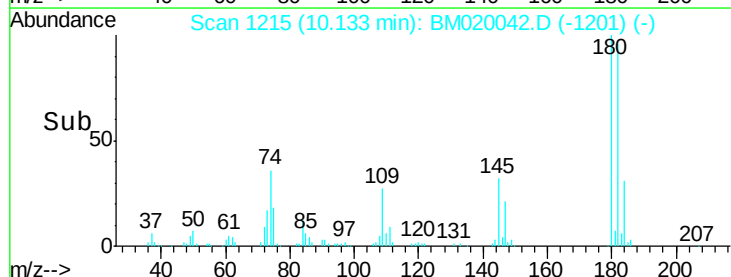
145 32.4 25.5 38.3

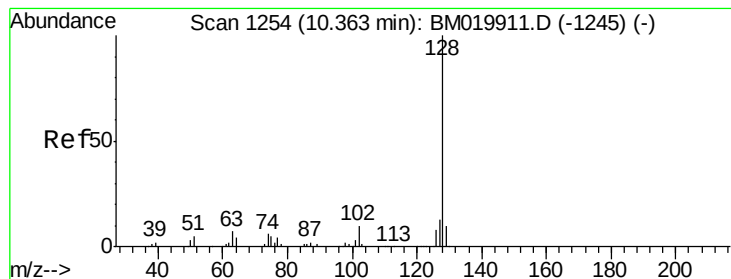


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.011 ng

RT: 10.32 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

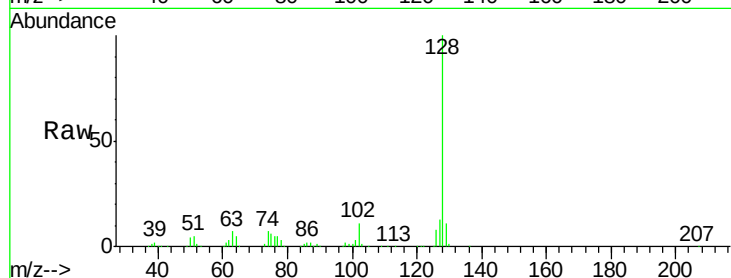
Tot Ion:128 Resp: 656689

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

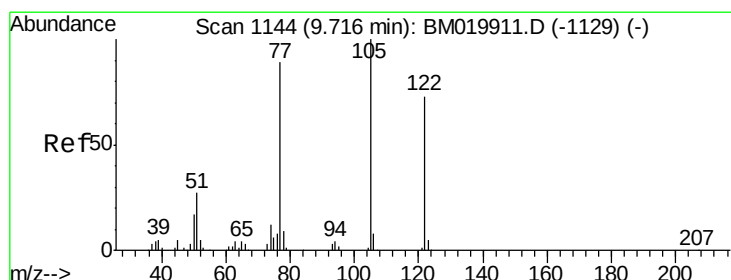
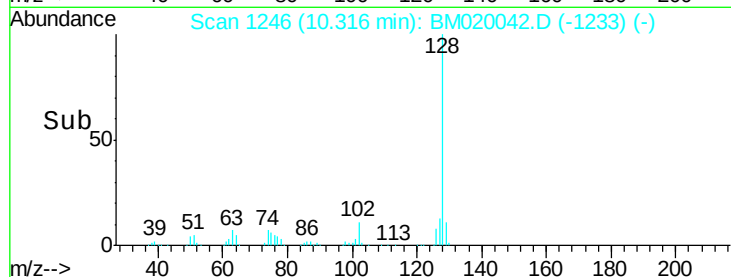
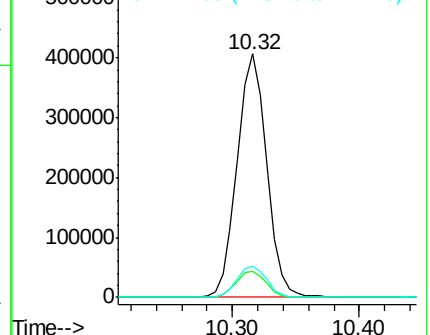
127 13.0 10.4 15.6



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: 14.668 ng

RT: 9.63 min Scan# 1130

Delta R.T. -0.04 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

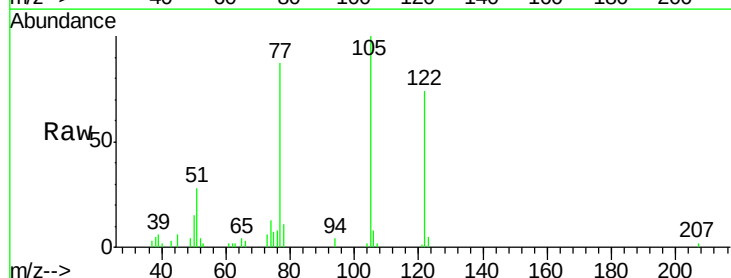
Tgt Ion:122 Resp: 41107

Ion Ratio Lower Upper

122 100

105 134.4 114.8 154.8

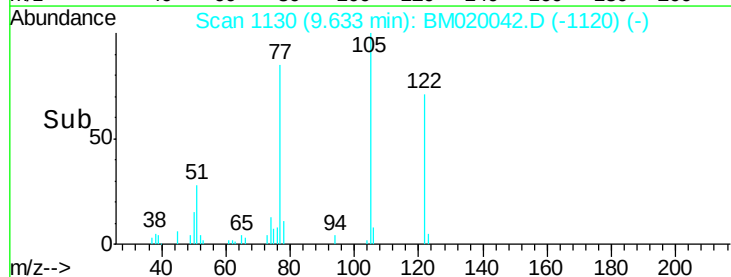
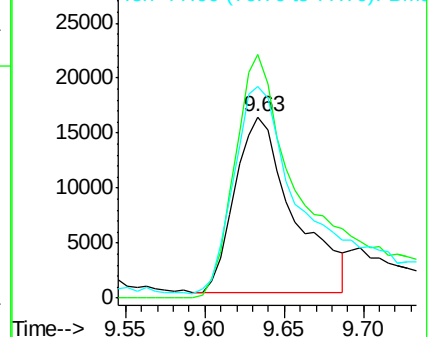
77 117.1 100.2 140.2

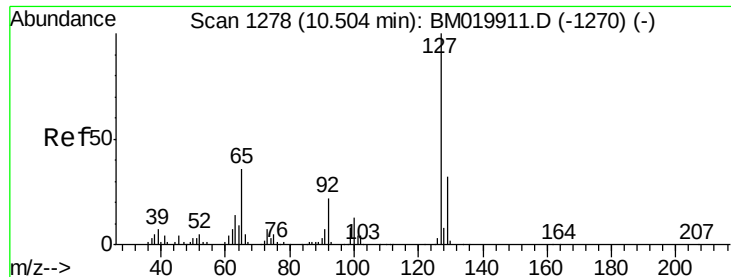


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

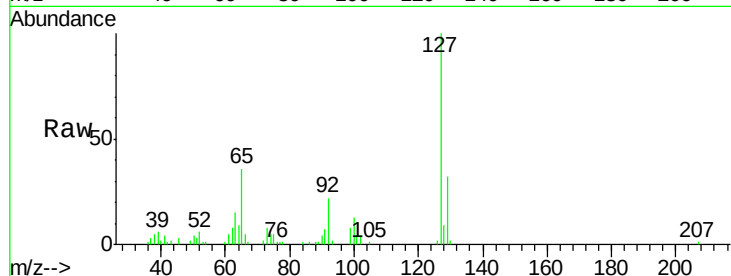




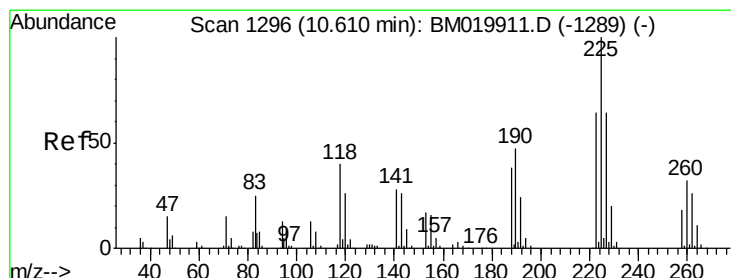
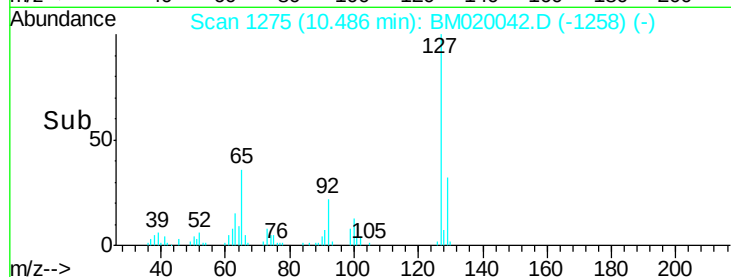
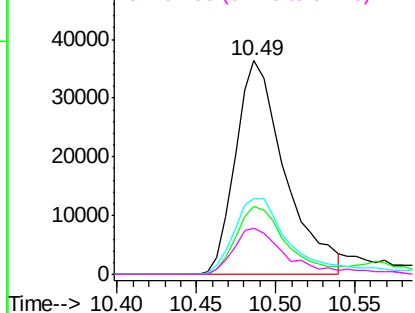
#33
4-Chloroaniline
Concen: 12.247 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127	Resp:	78867
Ion	Ratio	Lower Upper
127	100	
129	31.7	25.4 38.0
65	35.6	29.2 43.8
92	21.7	17.5 26.3

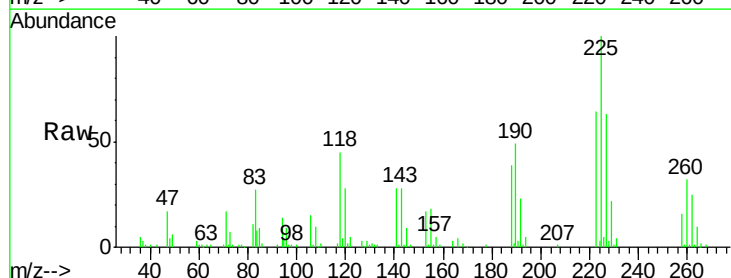


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

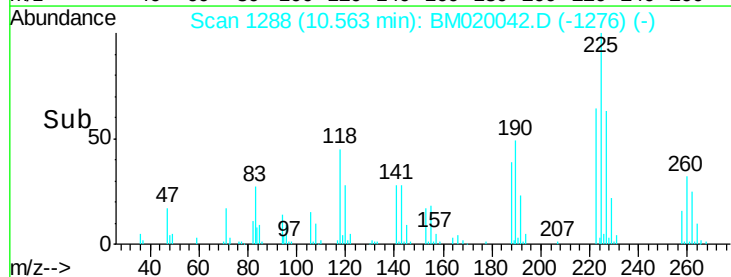
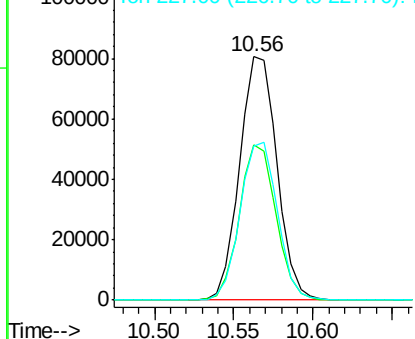


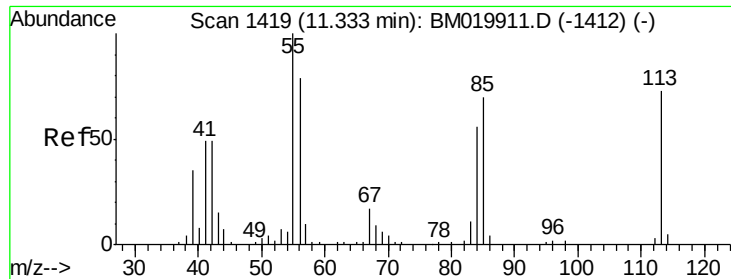
#34
Hexachlorobutadiene
Concen: 44.979 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Tgt Ion:225	Resp:	131899
Ion	Ratio	Lower Upper
225	100	
223	64.0	51.4 77.2
227	63.3	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: 21.815 ng

RT: 11.30 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

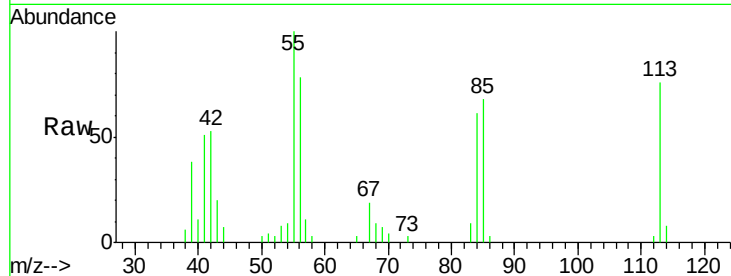
Tot Ion:113 Resp: 38147

Ion Ratio Lower Upper

113 100

55 130.8 117.1 157.1

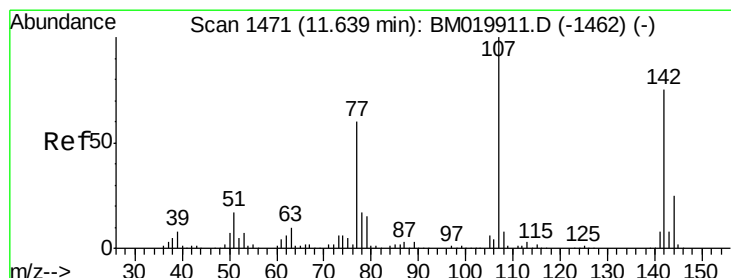
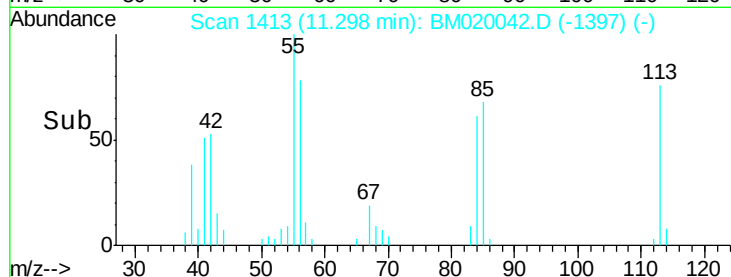
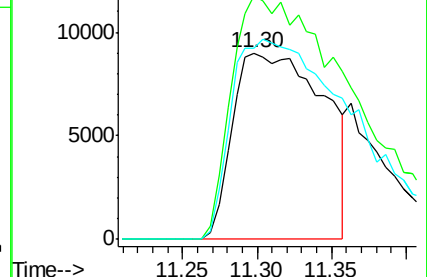
56 102.4 88.2 128.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 37.258 ng

RT: 11.60 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

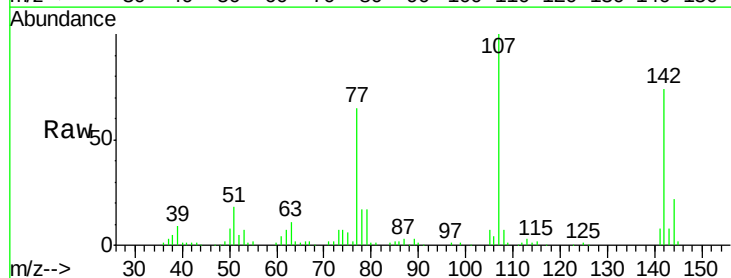
Tgt Ion:107 Resp: 213865

Ion Ratio Lower Upper

107 100

144 22.4 19.8 29.8

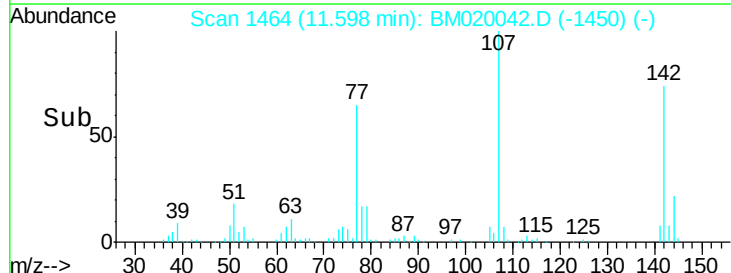
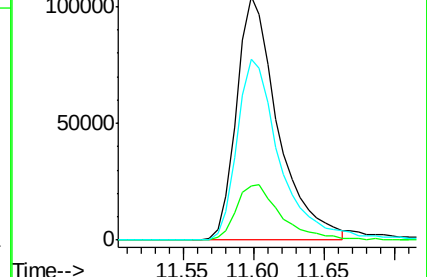
142 74.1 60.3 90.5

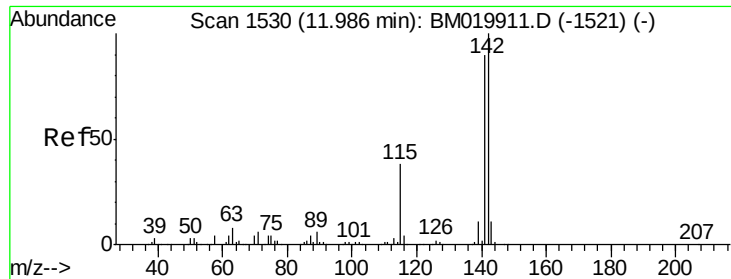


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

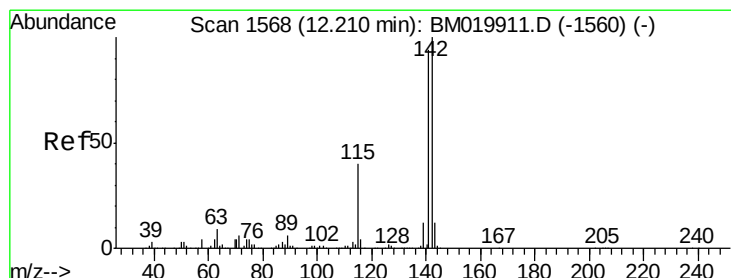
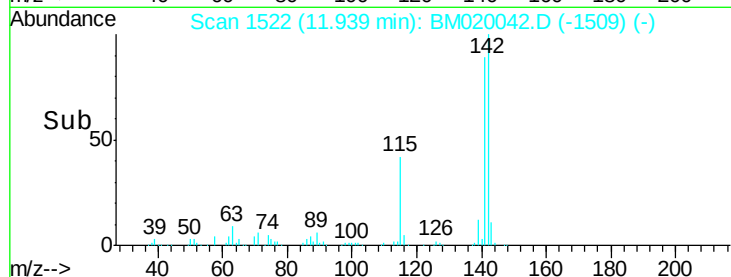
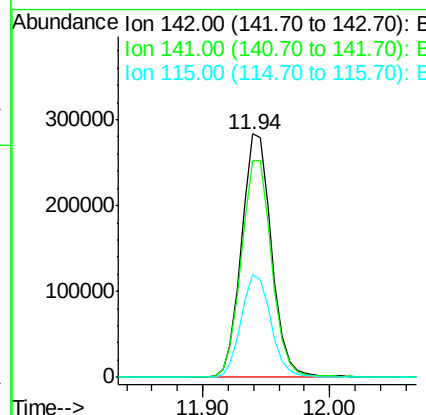
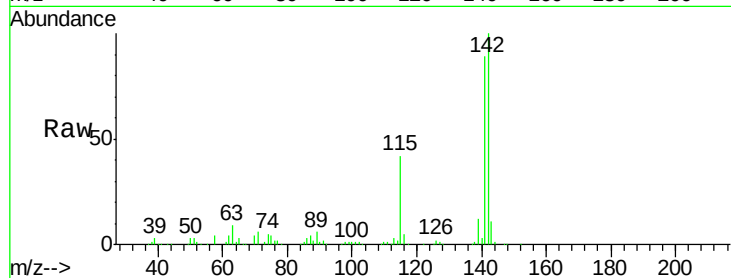




#37
 2-Methylnaphthalene
 Concen: 40.807 ng
 RT: 11.94 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BM020042.D
 Acq: 23 Apr 2019 18:30

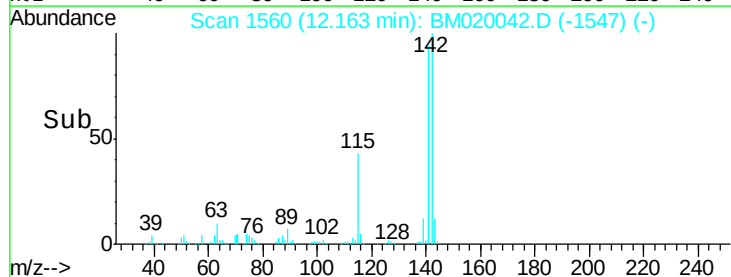
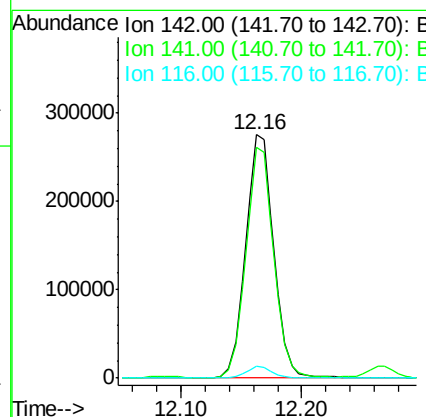
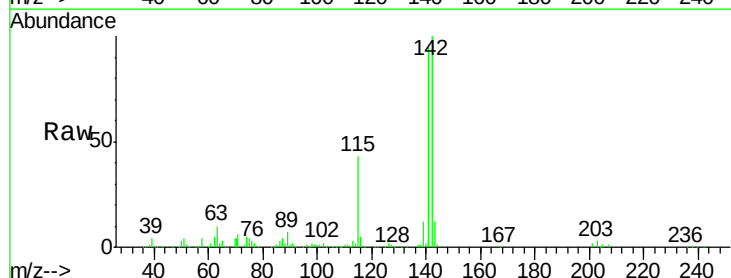
Instrument :
 BNA_M
 ClientSampleId :

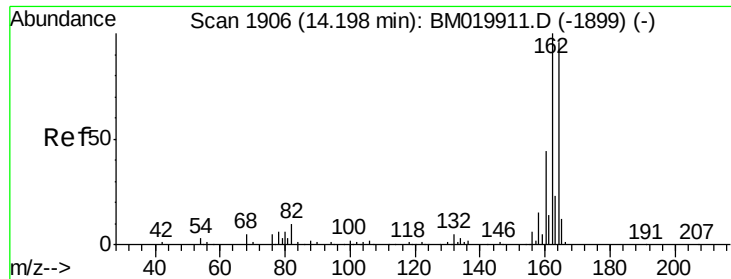
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.3	108.5
115	42.0	30.5	45.7



#38
 1-Methylnaphthalene
 Concen: 39.563 ng
 RT: 12.16 min Scan# 1560
 Delta R.T. -0.02 min
 Lab File: BM020042.D
 Acq: 23 Apr 2019 18:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.7	113.5
116	5.0	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.16 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

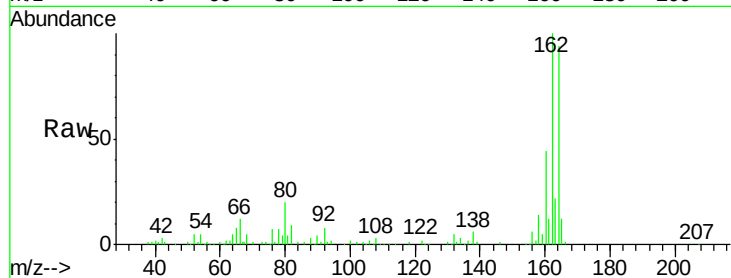
Tot Ion:164 Resp: 157365

Ion Ratio Lower Upper

164 100

162 106.2 83.0 124.4

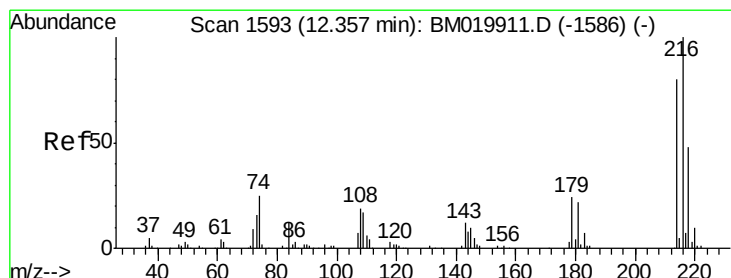
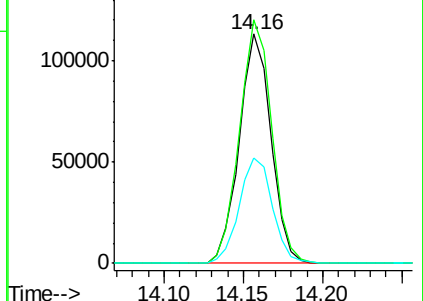
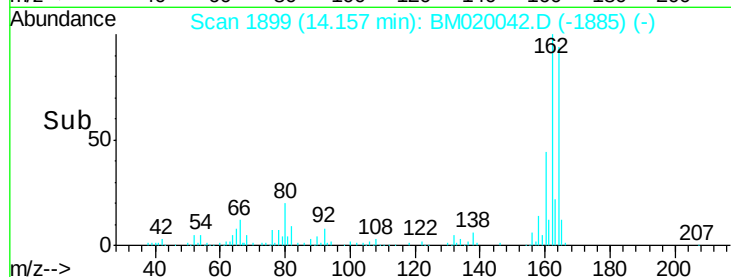
160 46.2 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.993 ng

RT: 12.32 min Scan# 1586

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Tgt Ion:216 Resp: 228131

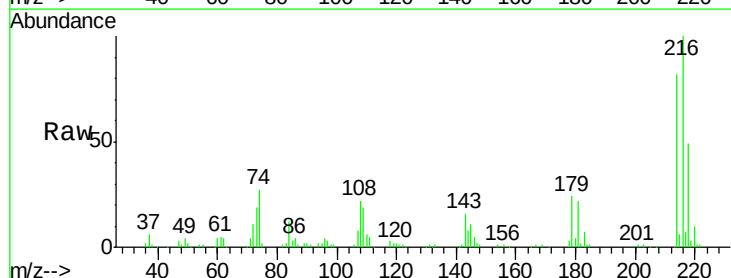
Ion Ratio Lower Upper

216 100

214 79.6 63.1 94.7

179 23.6 19.0 28.6

108 20.5 16.3 24.5

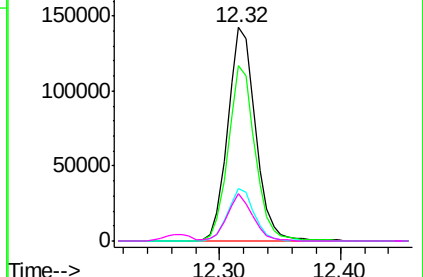
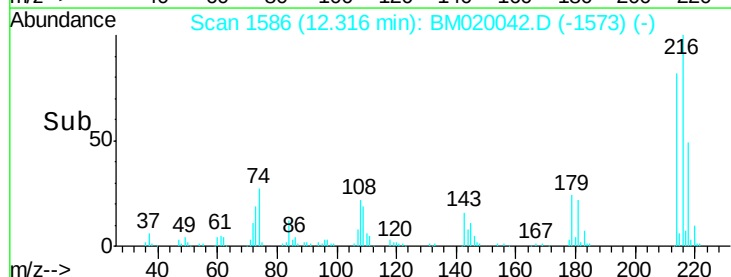


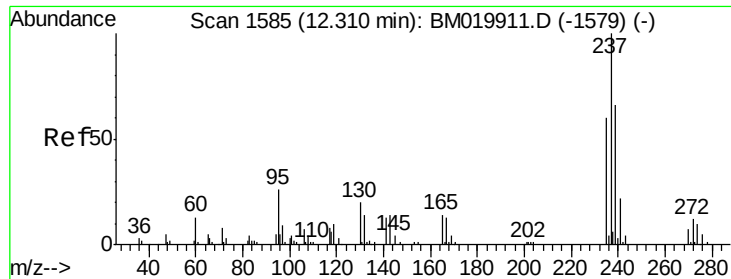
Abundance Ion 216.00 (215.70 to 216.70): E

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

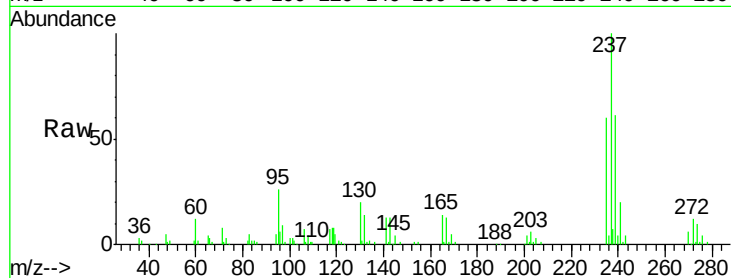




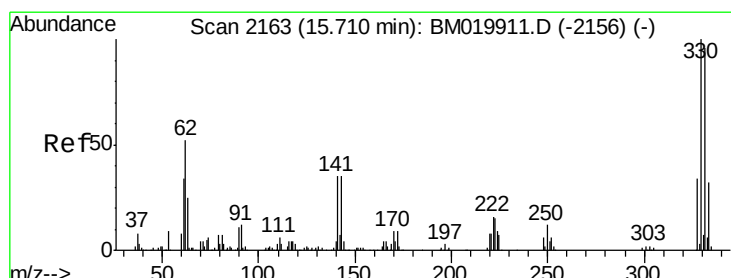
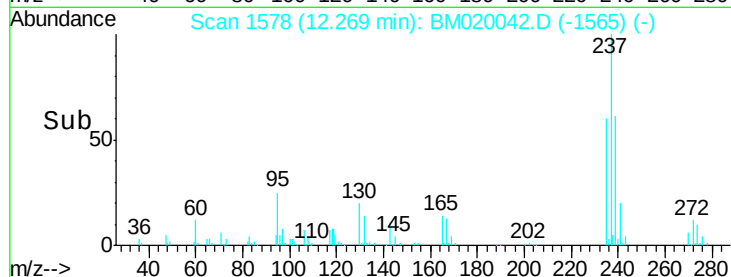
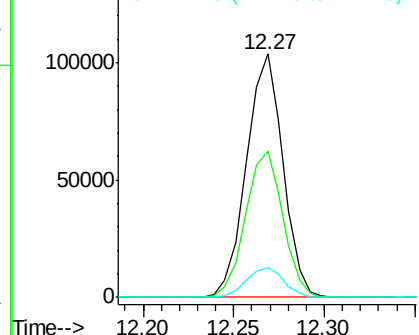
#41
Hexachlorocyclopentadiene
Concen: 83.692 ng
RT: 12.27 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Instrument :
BNA_M
ClientSampled :

Tot Ion:237 Resp: 144928
Ion Ratio Lower Upper
237 100
235 60.3 40.4 80.4
272 12.2 0.0 32.3

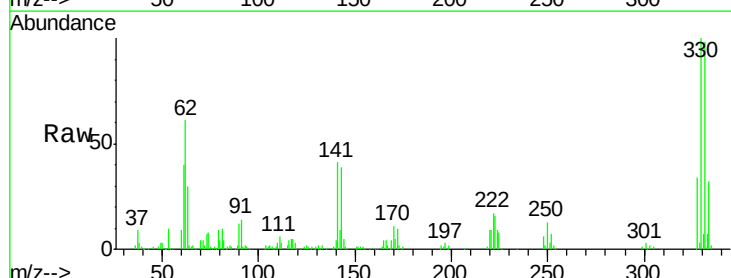


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

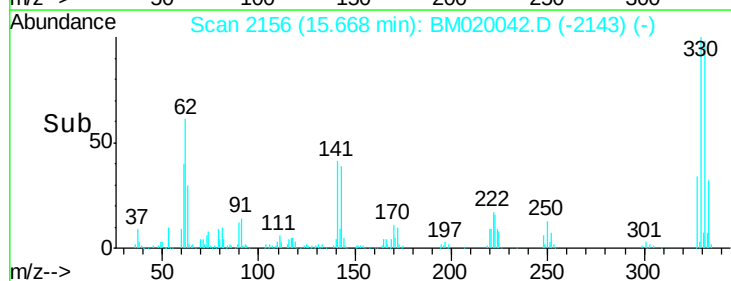
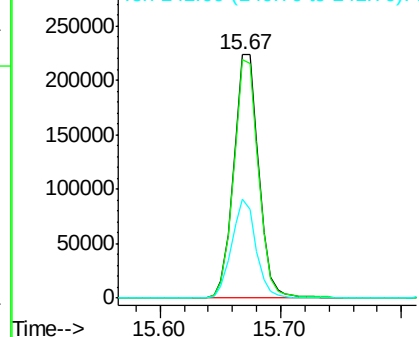


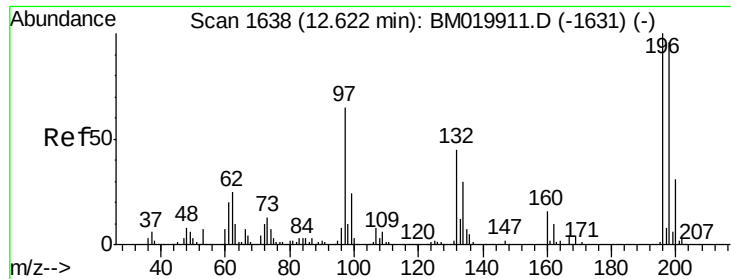
#42
2,4,6-Tribromophenol
Concen: 127.002 ng
RT: 15.67 min Scan# 2156
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Tgt Ion:330 Resp: 321714
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 39.5 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

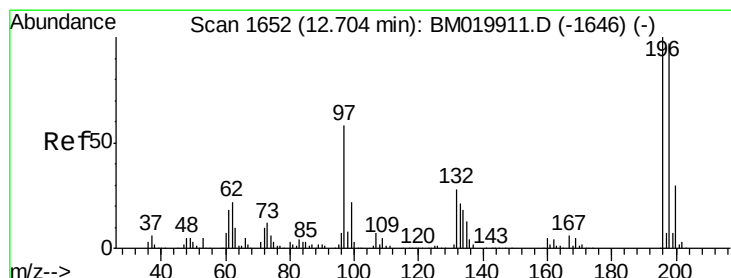
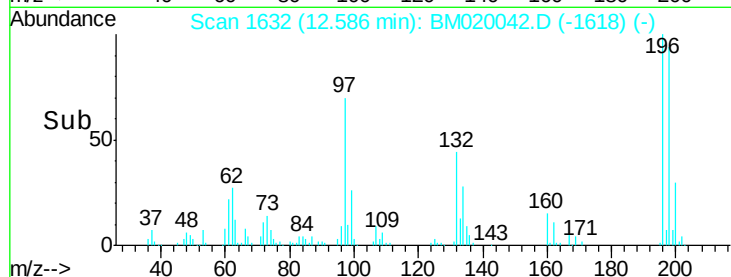
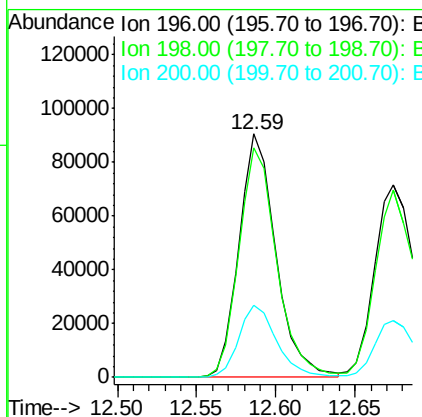
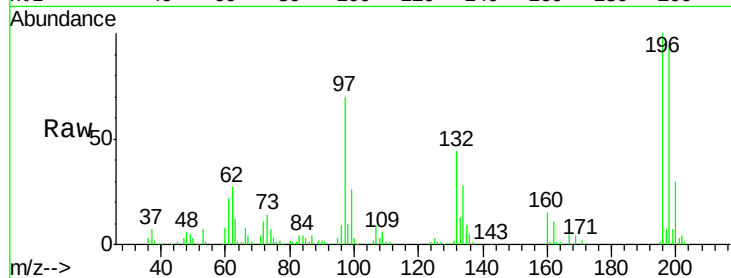




#43
 2,4,6-Trichlorophenol
 Concen: 44.461 ng
 RT: 12.59 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BM020042.D
 Acq: 23 Apr 2019 18:30

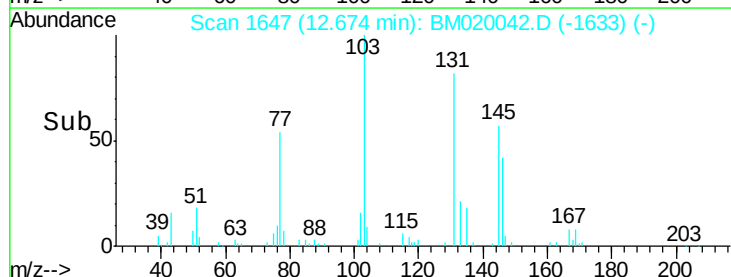
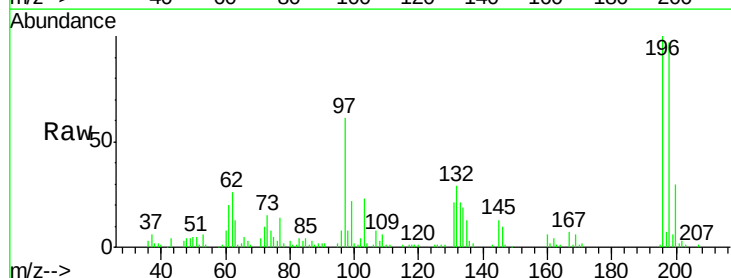
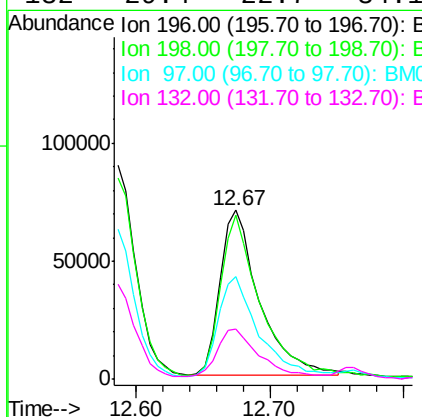
Instrument :
 BNA_M
 ClientSampleId :

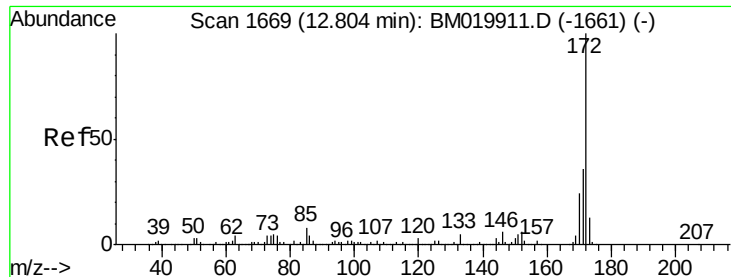
Tot Ion:196 Resp: 146335
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.8 115.2
 200 29.9 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.380 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.02 min
 Lab File: BM020042.D
 Acq: 23 Apr 2019 18:30

Tgt Ion:196 Resp: 145174
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.8 116.8
 97 60.7 46.2 69.2
 132 29.4 22.7 34.1

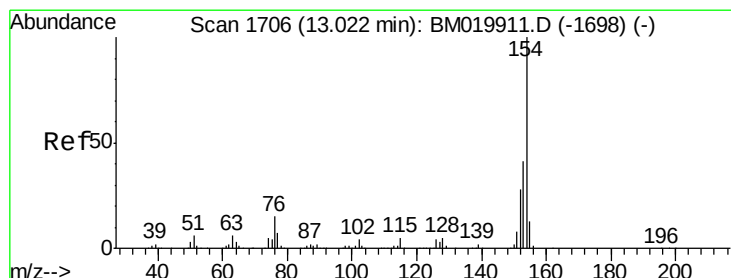
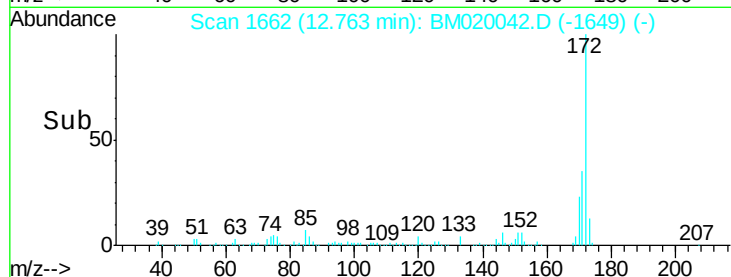
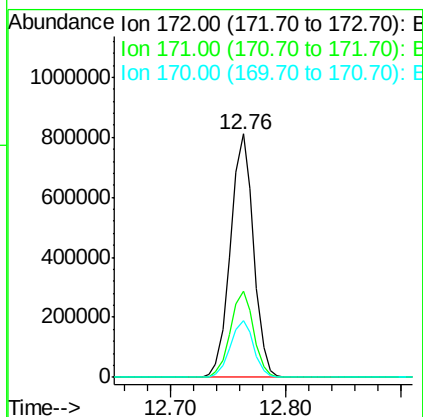
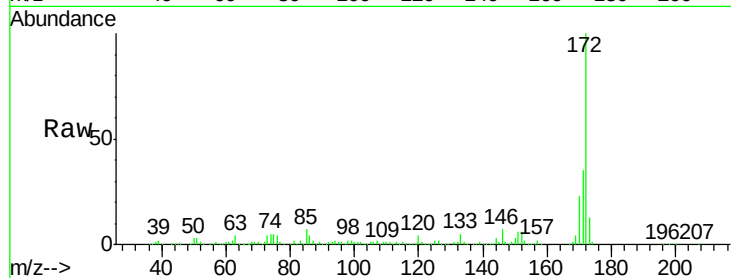




#45
2-Fluorobiphenyl
Concen: 88.627 ng
RT: 12.76 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

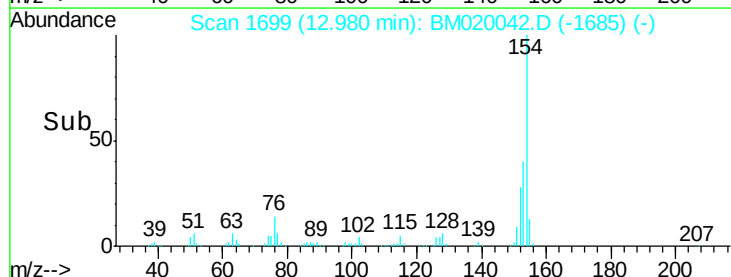
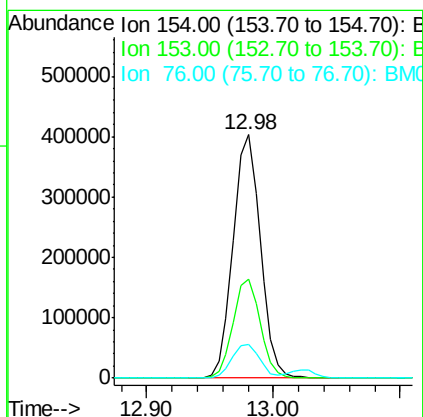
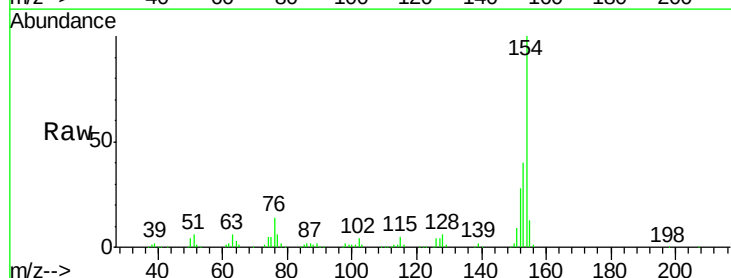
Instrument :
BNA_M
ClientSampled :

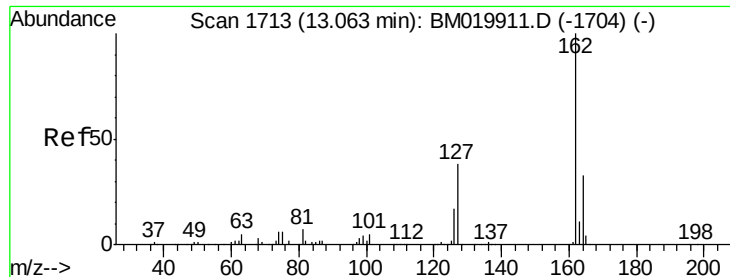
Tot Ion:172 Resp: 1119118
Ion Ratio Lower Upper
172 100
171 35.2 28.9 43.3
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 44.168 ng
RT: 12.98 min Scan# 1699
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Tgt Ion:154 Resp: 602001
Ion Ratio Lower Upper
154 100
153 40.4 21.0 61.0
76 14.0 0.0 34.8

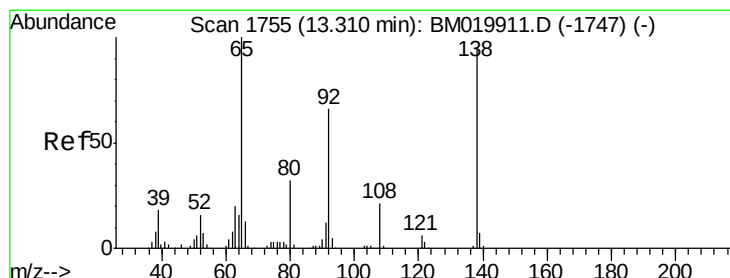
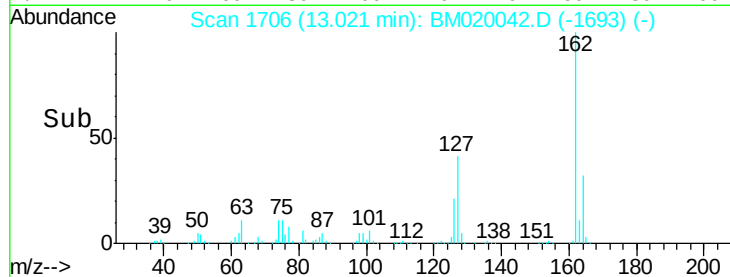
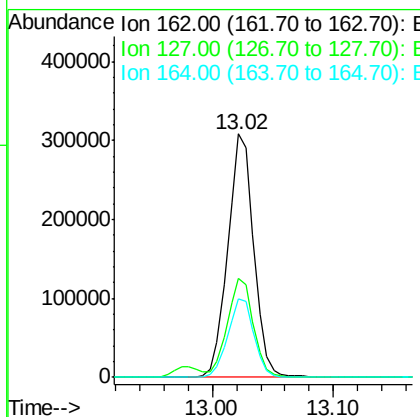
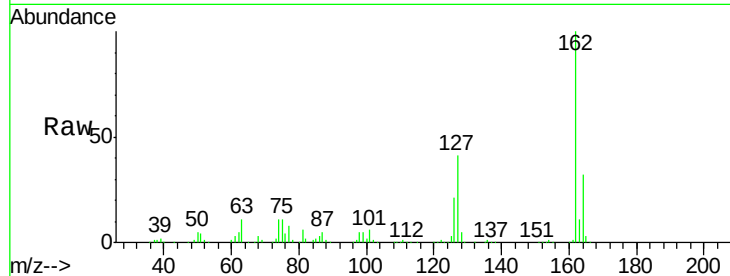




#47
 2-Chloronaphthalene
 Concen: 44.182 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BM020042.D
 Acq: 23 Apr 2019 18:30

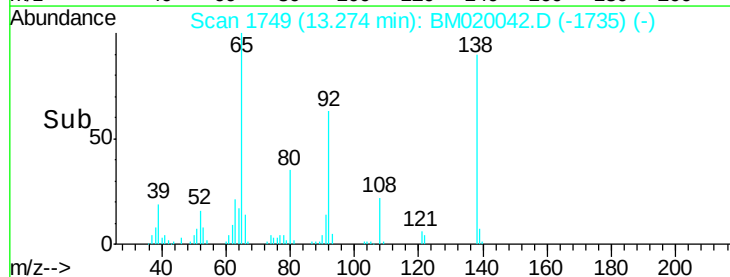
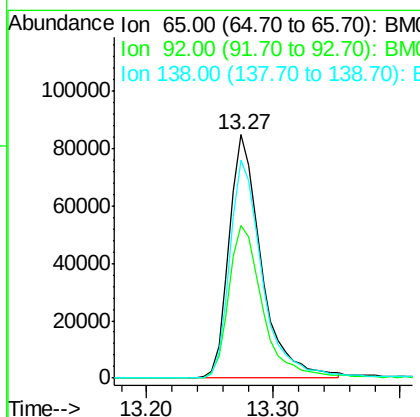
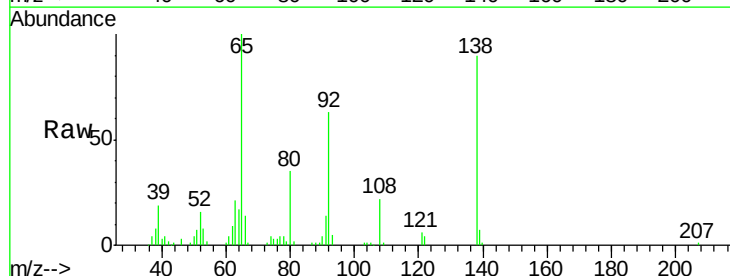
Instrument :
 BNA_M
 ClientSampleId :

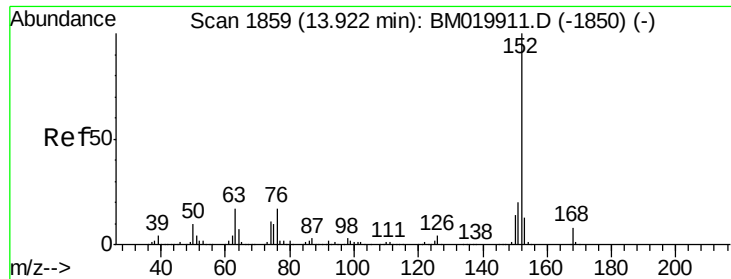
Tot Ion:162 Resp: 459340
 Ion Ratio Lower Upper
 162 100
 127 40.8 32.3 48.5
 164 32.5 26.3 39.5



#48
 2-Nitroaniline
 Concen: 40.025 ng
 RT: 13.27 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BM020042.D
 Acq: 23 Apr 2019 18:30

Tgt Ion: 65 Resp: 149992
 Ion Ratio Lower Upper
 65 100
 92 62.6 52.9 79.3
 138 89.7 75.8 113.6





#49

Acenaphthylene

Concen: 40.751 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

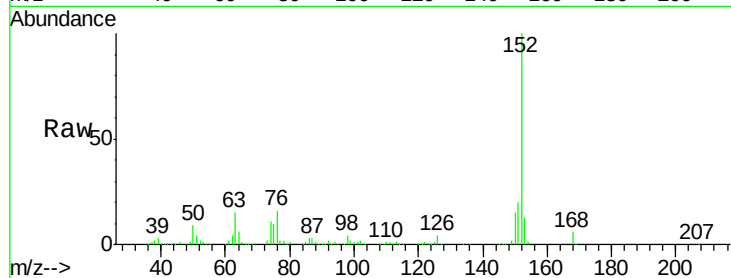
Tot Ion:152 Resp: 737153

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

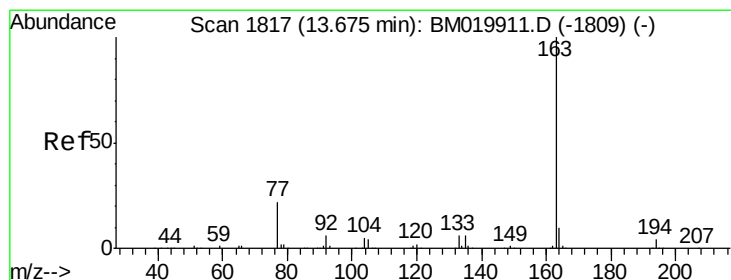
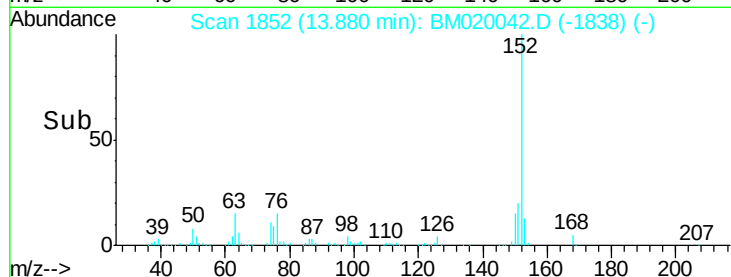
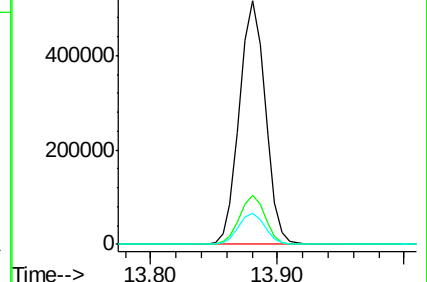
153 13.0 10.6 16.0



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: 47.957 ng

RT: 13.63 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

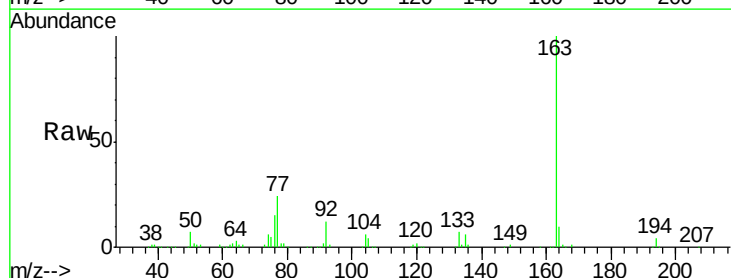
Tgt Ion:163 Resp: 665676

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

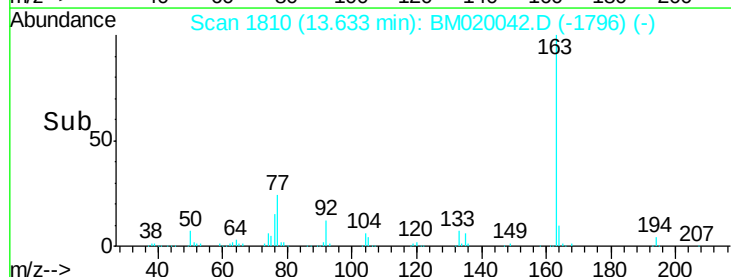
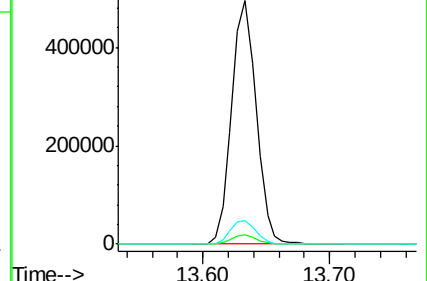
164 9.9 7.9 11.9

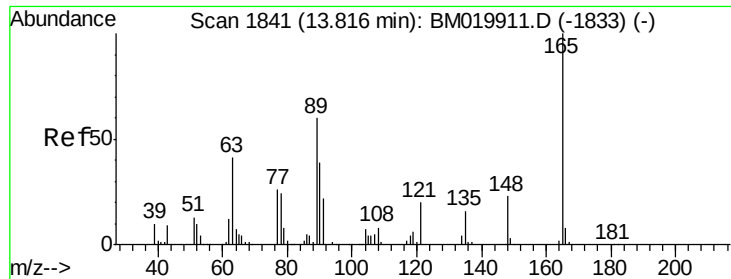


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.761 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

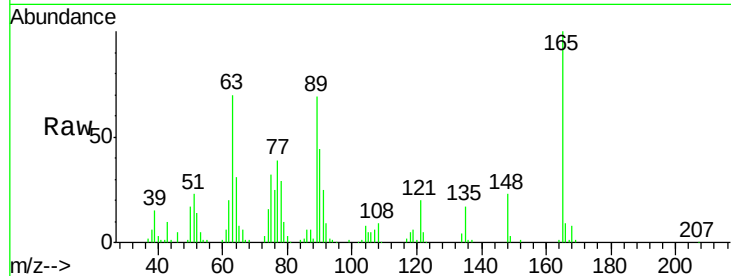
Tot Ion:165 Resp: 125113

Ion Ratio Lower Upper

165 100

63 70.2 48.5 72.7

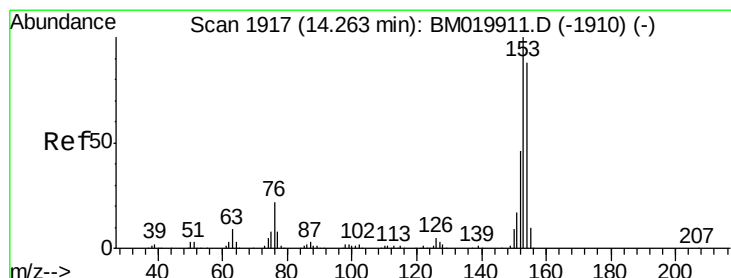
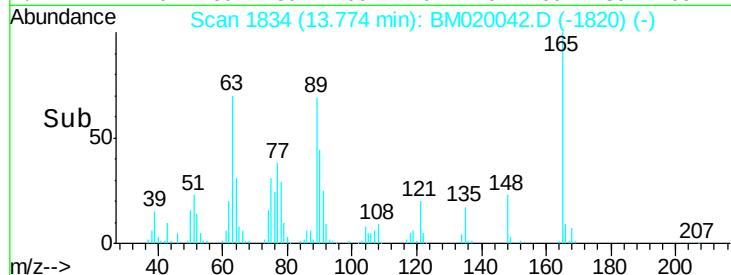
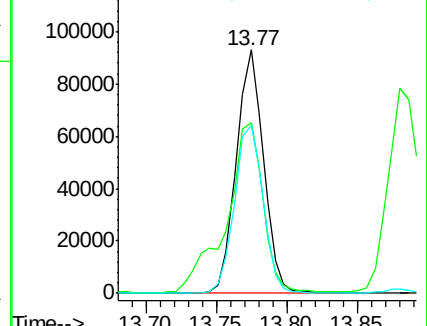
89 69.0 48.2 72.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 43.070 ng

RT: 14.22 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

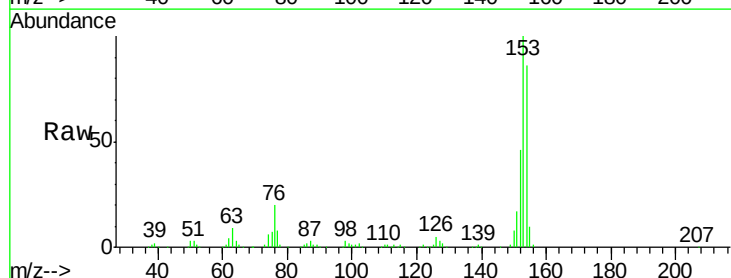
Tgt Ion:154 Resp: 431983

Ion Ratio Lower Upper

154 100

153 115.7 91.0 136.4

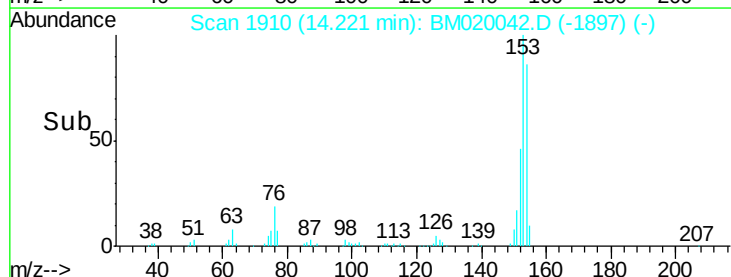
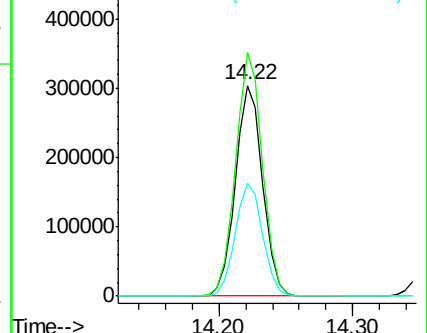
152 53.8 42.2 63.2

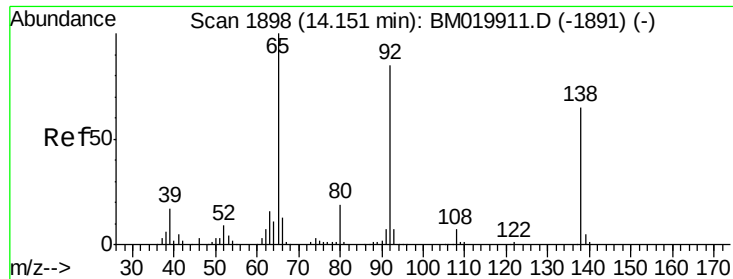


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 16.246 ng

RT: 14.13 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

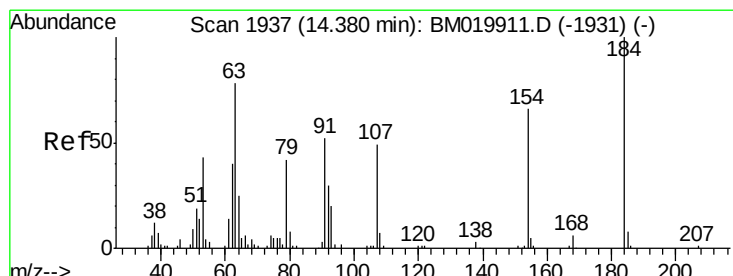
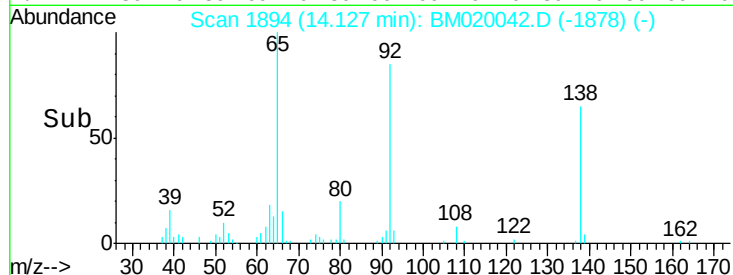
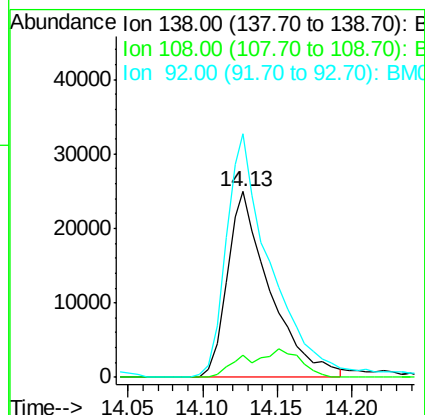
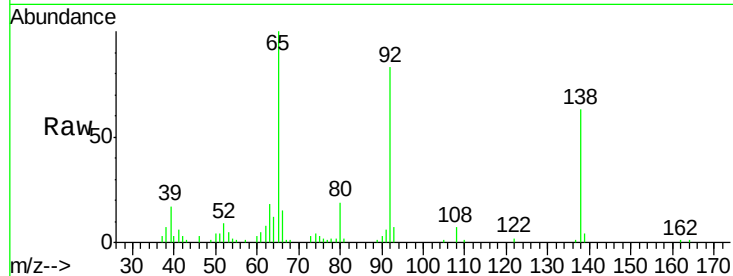
Tot Ion:138 Resp: 49791

Ion Ratio Lower Upper

138 100

108 11.7 8.9 13.3

92 130.9 103.8 155.8



#54

2,4-Dinitrophenol

Concen: 57.395 ng

RT: 14.36 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

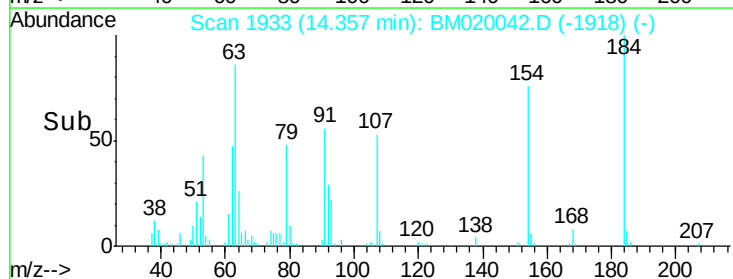
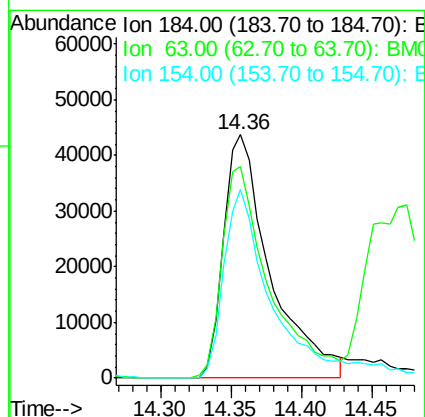
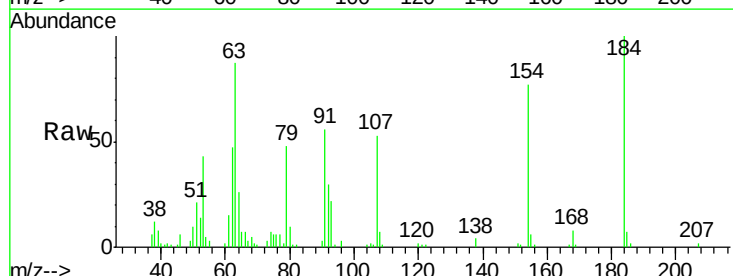
Tgt Ion:184 Resp: 100927

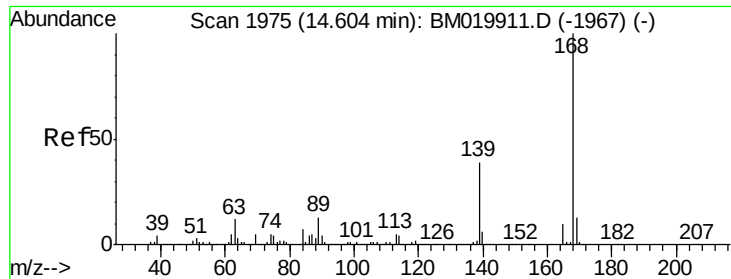
Ion Ratio Lower Upper

184 100

63 86.9 62.3 93.5

154 77.3 53.0 79.6

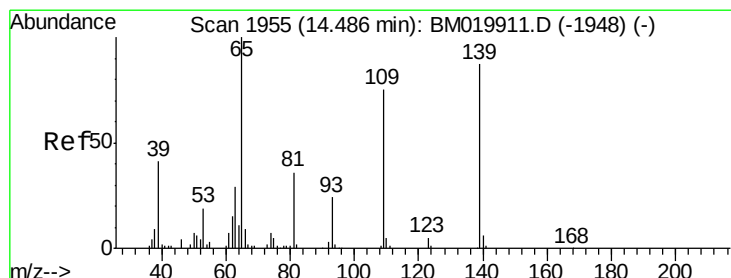
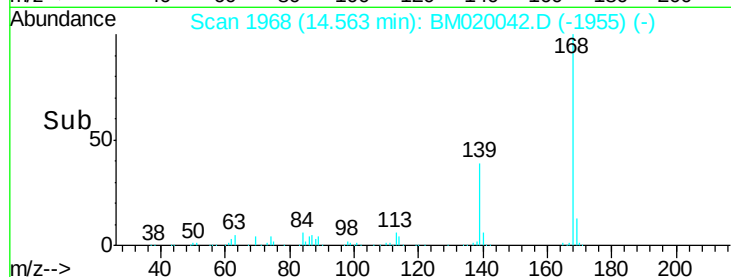
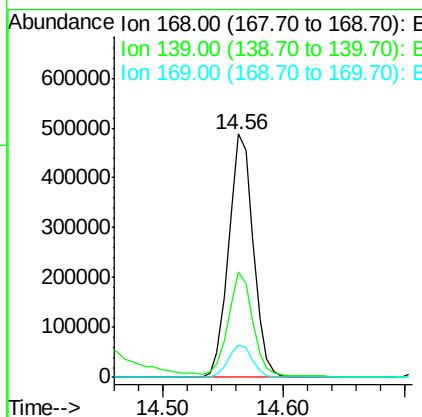
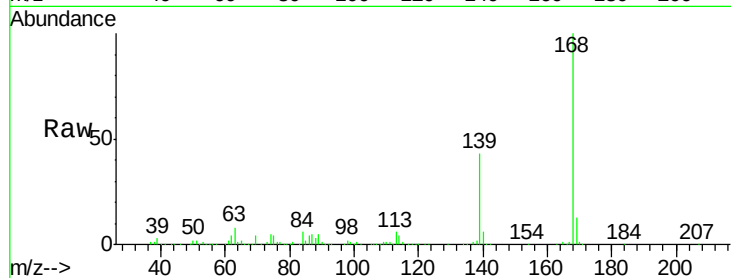




#55
Dibenzenofuran
Concen: 42.283 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

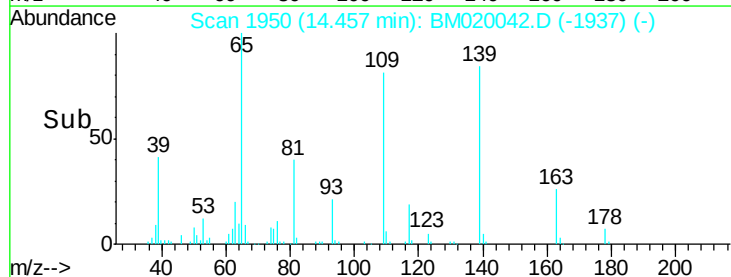
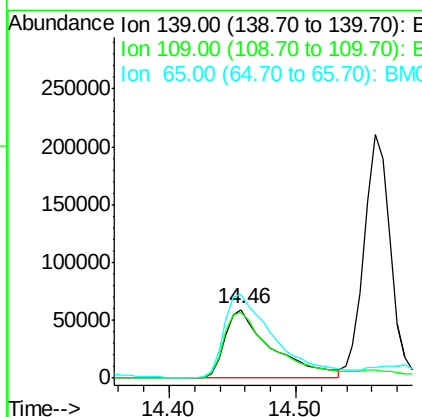
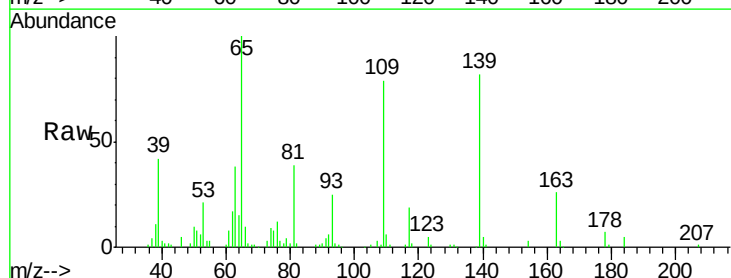
Instrument :
BNA_M
ClientSampleId :

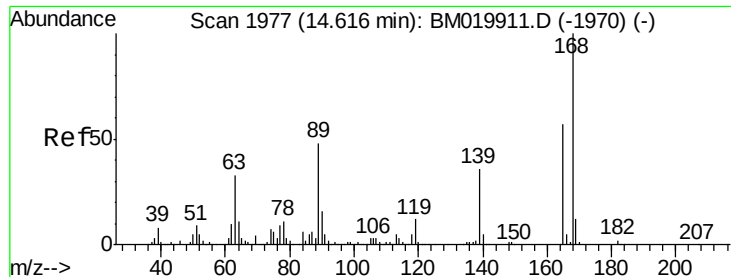
Tot Ion:168 Resp: 693478
Ion Ratio Lower Upper
168 100
139 43.1 31.5 47.3
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 64.336 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Tgt Ion:139 Resp: 152595
Ion Ratio Lower Upper
139 100
109 96.2 65.3 105.3
65 121.9 94.9 134.9

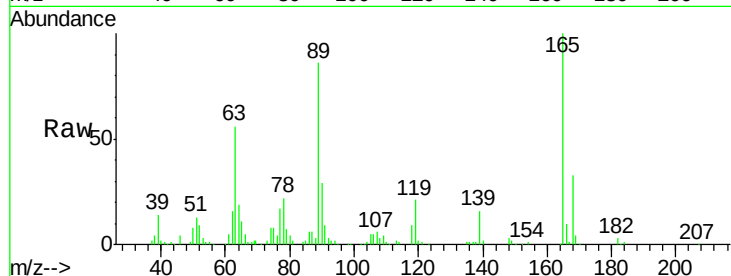




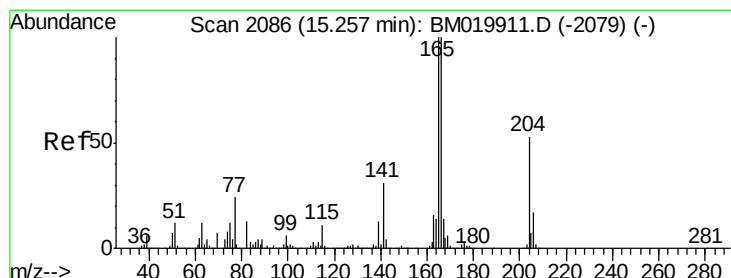
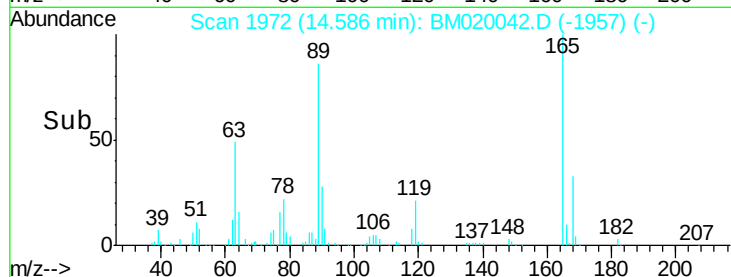
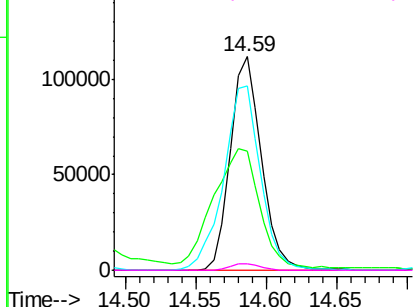
#57
 2,4-Dinitrotoluene
 Concen: 38.972 ng
 RT: 14.59 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BM020042.D
 Acq: 23 Apr 2019 18:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 171946
 Ion Ratio Lower Upper
 165 100
 63 55.8 46.0 69.0
 89 86.0 67.5 101.3
 182 2.7 2.4 3.6

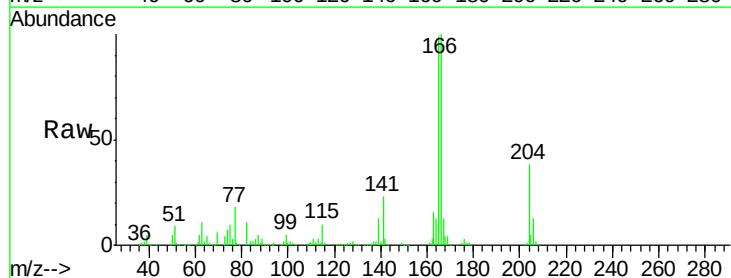


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

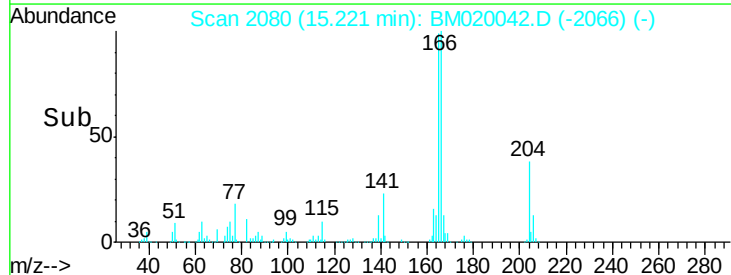
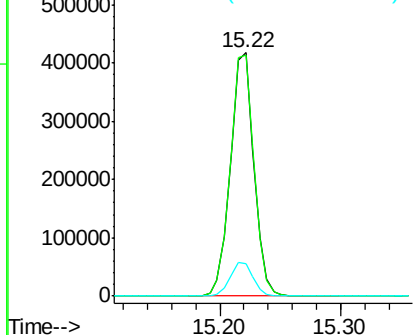


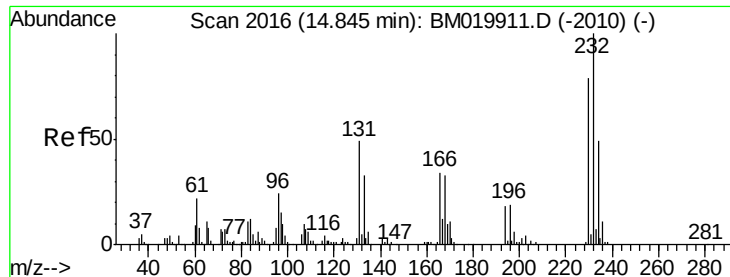
#58
 Fluorene
 Concen: 40.812 ng
 RT: 15.22 min Scan# 2080
 Delta R.T. -0.02 min
 Lab File: BM020042.D
 Acq: 23 Apr 2019 18:30

Tgt Ion:166 Resp: 567174
 Ion Ratio Lower Upper
 166 100
 165 99.1 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

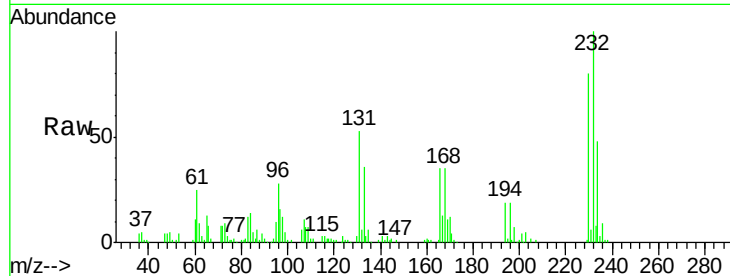




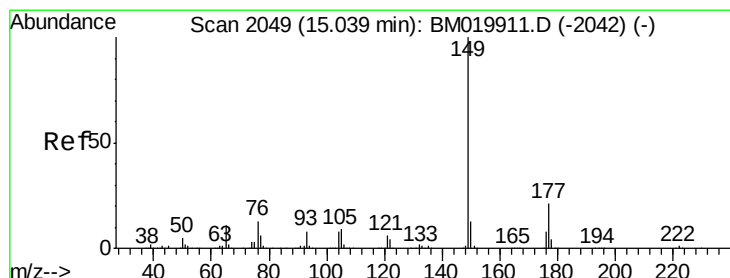
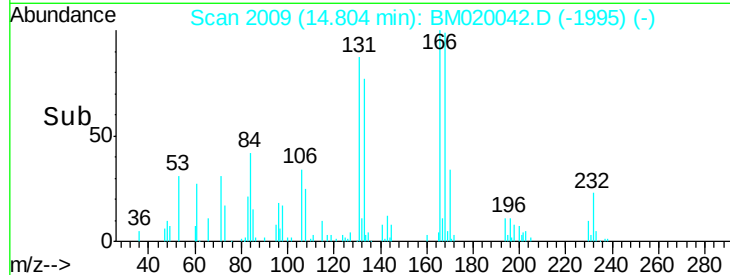
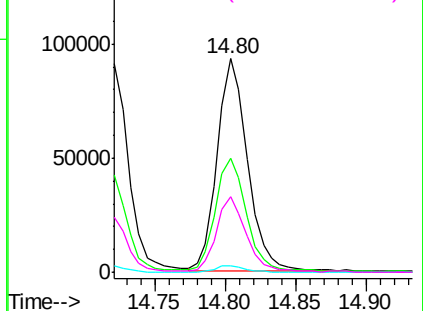
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.110 ng
 RT: 14.80 min Scan# 2009
 Delta R.T. -0.02 min
 Lab File: BM020042.D
 Acq: 23 Apr 2019 18:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	232	Resp:	137870
Ion	Ratio	Lower	Upper
232	100		
131	55.0	42.1	63.1
130	3.0	2.2	3.4
166	35.3	28.1	42.1

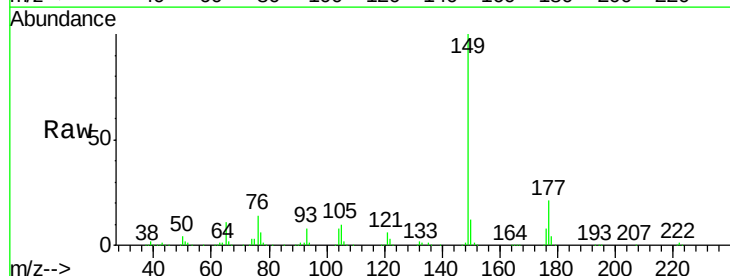


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

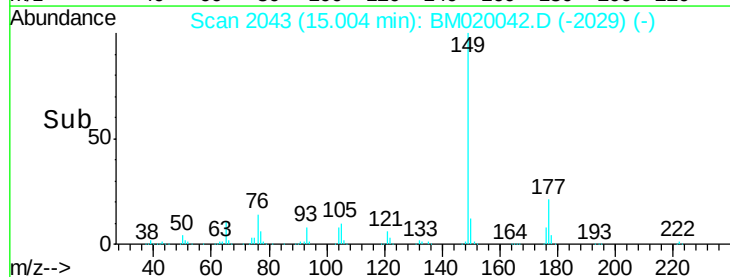
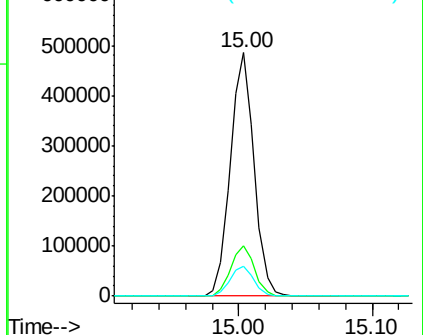


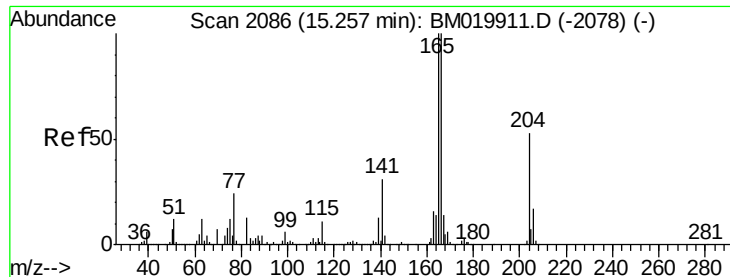
#60
 Diethylphthalate
 Concen: 41.876 ng
 RT: 15.00 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BM020042.D
 Acq: 23 Apr 2019 18:30

Tgt Ion:	149	Resp:	604542
Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.6	25.0
150	12.3	10.0	15.0



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

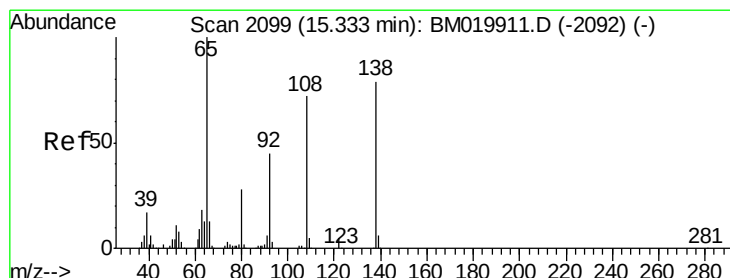
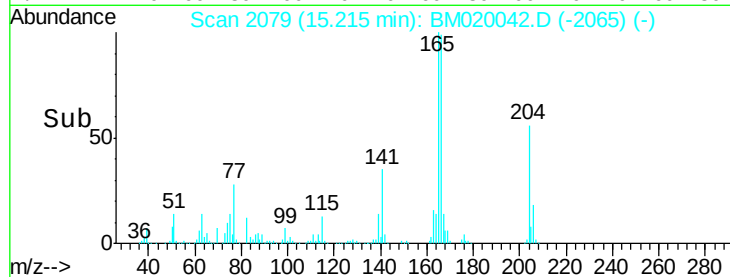
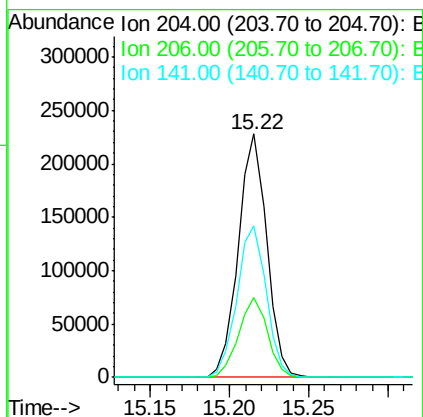
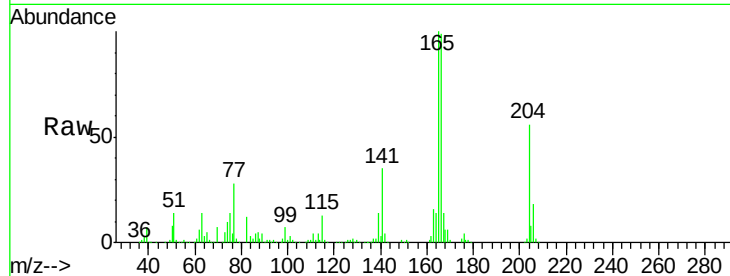




#61
4-Chlorophenyl-phenylether
Concen: 42.400 ng
RT: 15.22 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

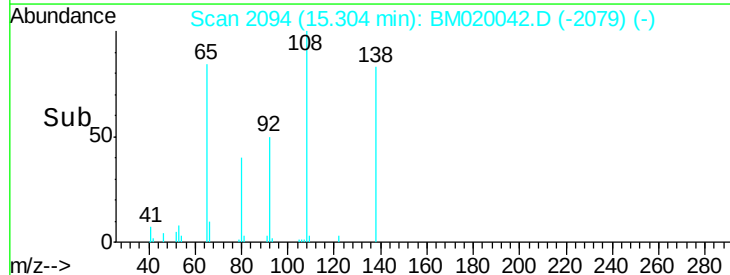
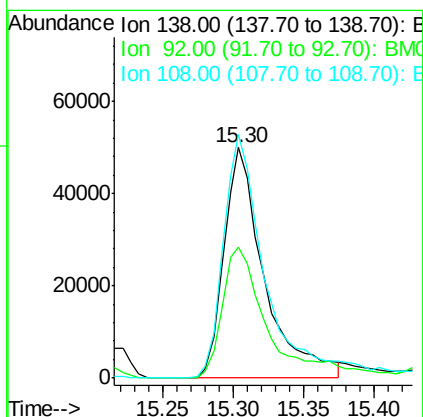
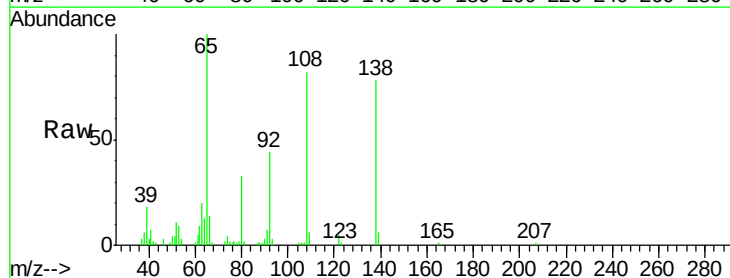
Instrument :
BNA_M
ClientSampled :

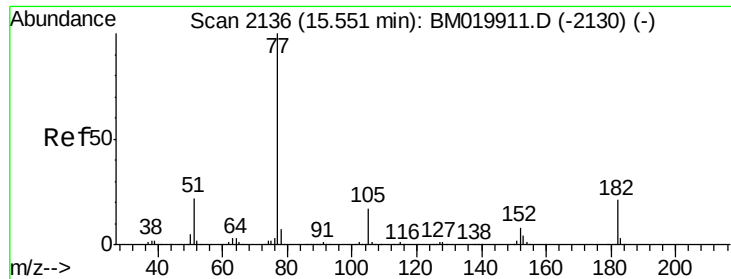
Tot Ion:204 Resp: 283708
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 62.3 47.0 70.4



#62
4-Nitroaniline
Concen: 32.882 ng
RT: 15.30 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Tgt Ion:138 Resp: 99293
Ion Ratio Lower Upper
138 100
92 57.0 36.8 76.8
108 105.7 71.5 111.5





#63

Azobenzene

Concen: 42.734 ng

RT: 15.51 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 659362

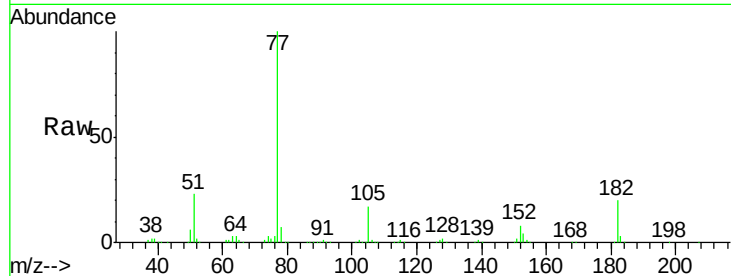
Ion Ratio Lower Upper

77 100

182 20.0 1.0 41.0

105 17.1 0.0 37.1

51 23.3 2.1 42.1

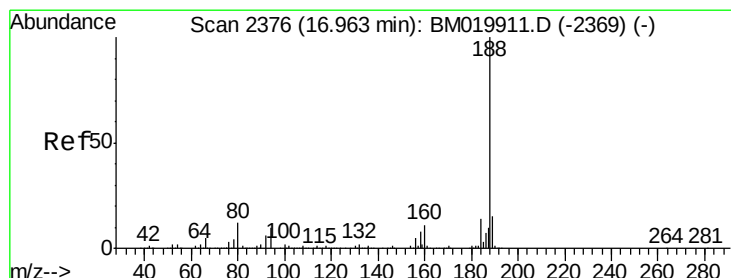
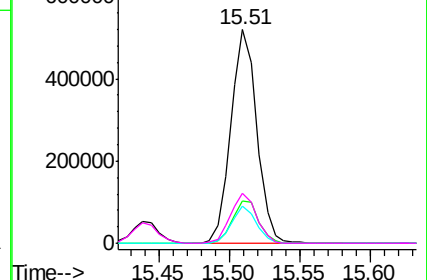
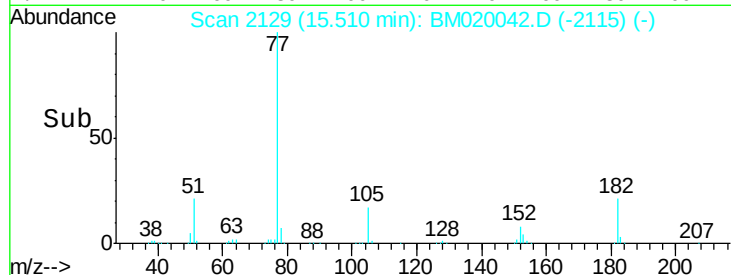


Abundance Ion 77.00 (76.70 to 77.70): BM020042.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): BM020042.D (-2130) (-)

Ion 105.00 (104.70 to 105.70): BM020042.D (-2130) (-)

Ion 51.00 (50.70 to 51.70): BM020042.D (-2130) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.93 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

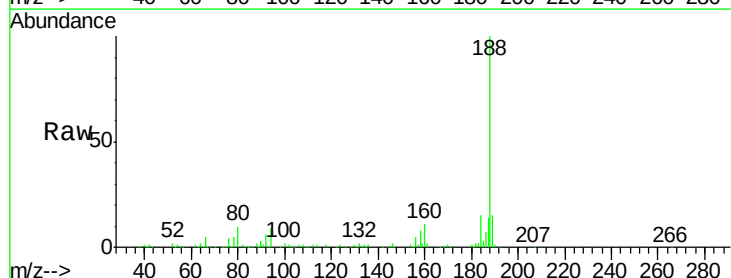
Tgt Ion: 188 Resp: 343614

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

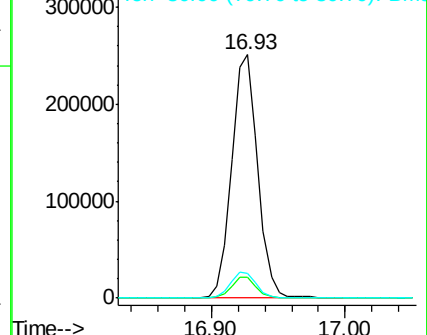
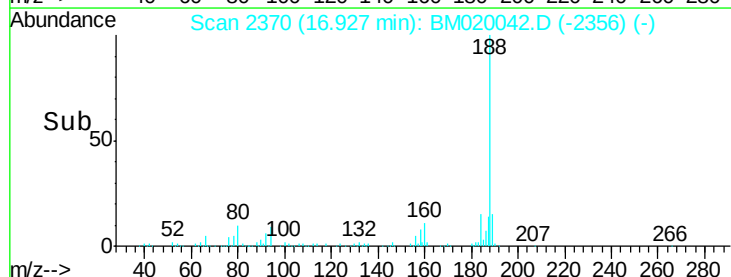
80 9.9 9.4 14.0

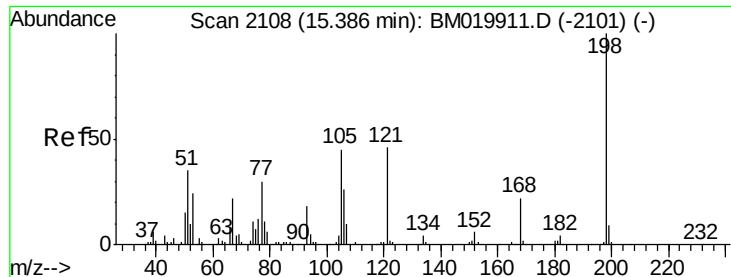


Abundance Ion 188.00 (187.70 to 188.70): BM020042.D (-2369) (-)

Ion 94.00 (93.70 to 94.70): BM020042.D (-2369) (-)

Ion 80.00 (79.70 to 80.70): BM020042.D (-2369) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 33.519 ng

RT: 15.36 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

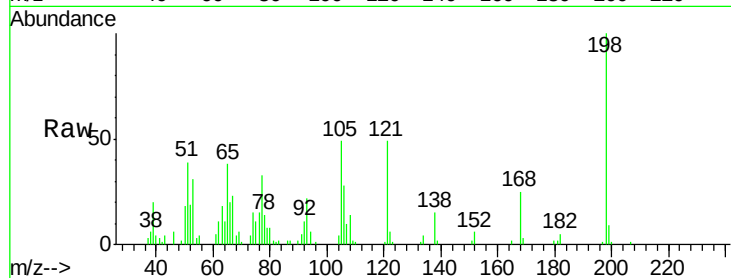
Tot Ion:198 Resp: 73487

Ion Ratio Lower Upper

198 100

51 38.7 17.9 57.9

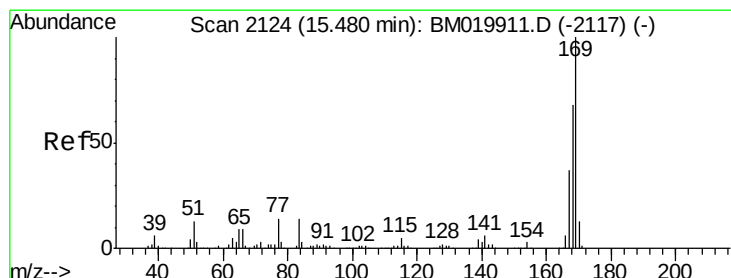
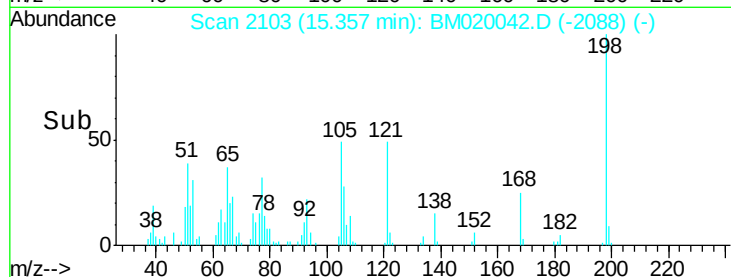
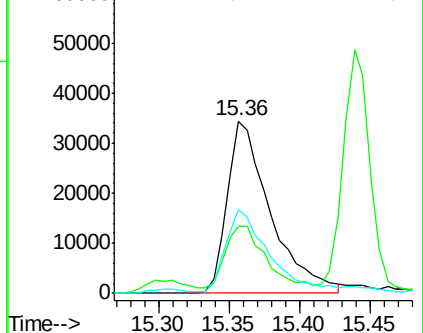
105 48.7 26.1 66.1



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: 42.721 ng

RT: 15.44 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

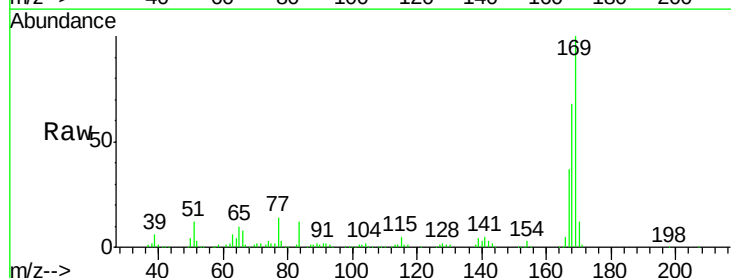
Tgt Ion:169 Resp: 479917

Ion Ratio Lower Upper

169 100

168 68.1 54.7 82.1

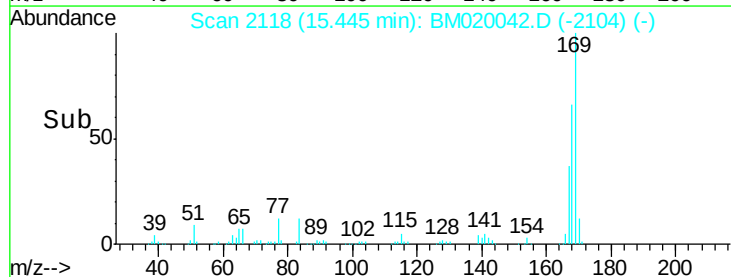
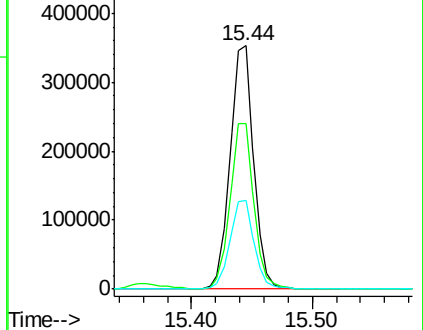
167 36.6 29.4 44.0

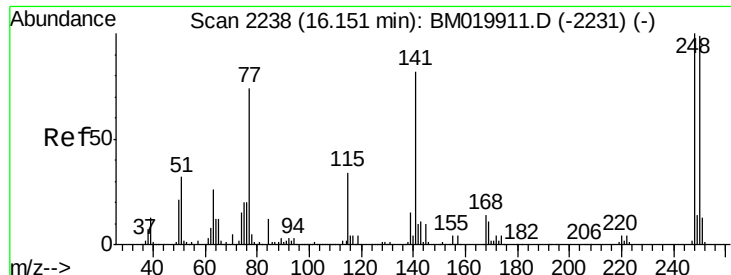


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

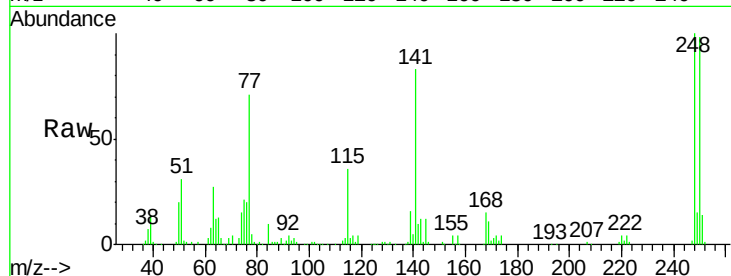




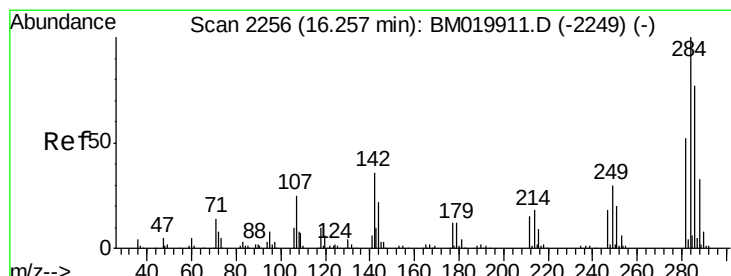
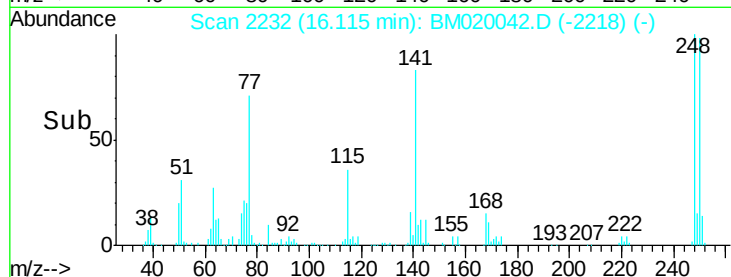
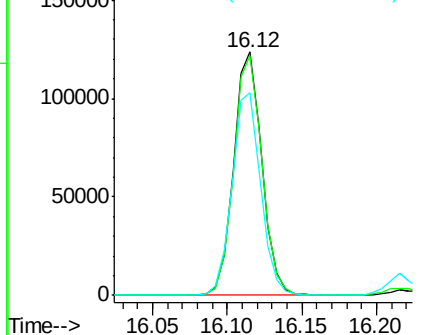
#67
4-Bromophenyl-phenylether
Concen: 41.253 ng
RT: 16.12 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 162974
Ion Ratio Lower Upper
248 100
250 98.4 78.9 118.3
141 83.2 65.6 98.4

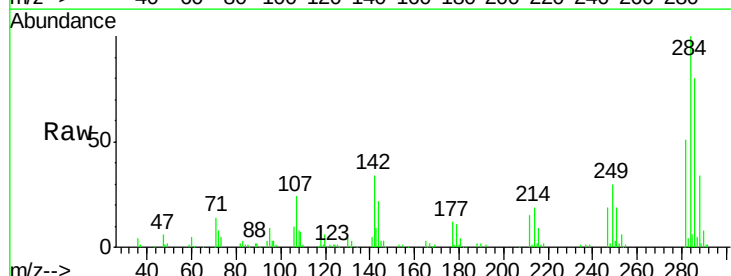


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

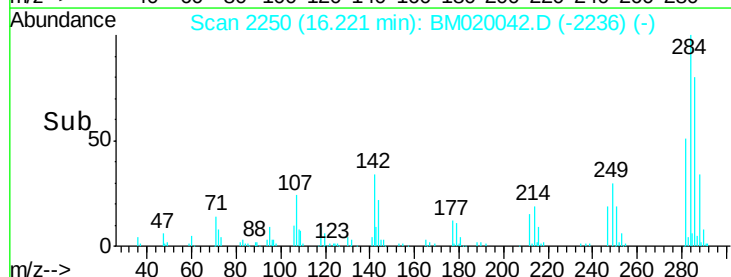
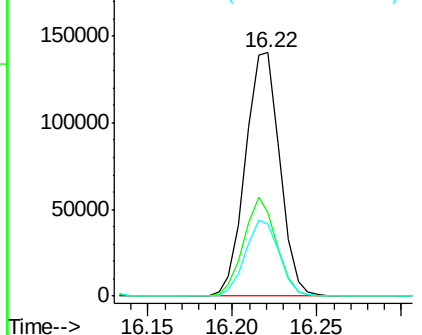


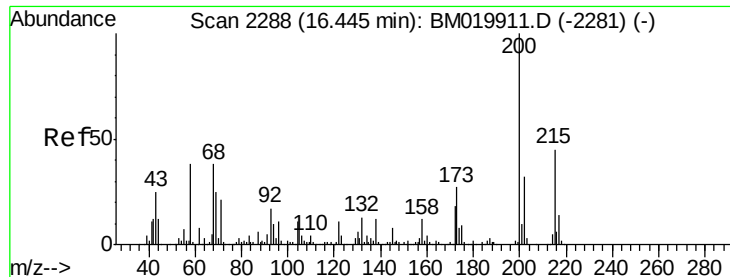
#68
Hexachlorobenzene
Concen: 42.026 ng
RT: 16.22 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Tgt Ion:284 Resp: 199213
Ion Ratio Lower Upper
284 100
142 34.5 28.9 43.3
249 29.9 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: 42.877 ng

RT: 16.41 min Scan# 2282

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

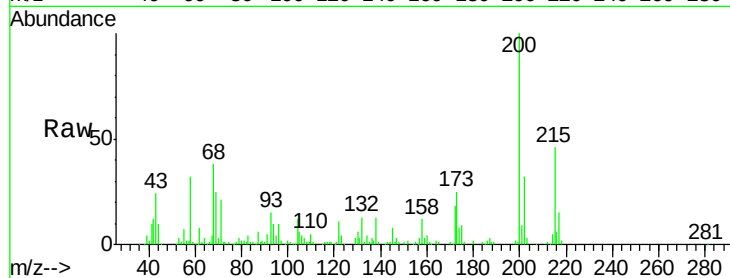
Tot Ion:200 Resp: 163513

Ion Ratio Lower Upper

200 100

173 25.3 7.2 47.2

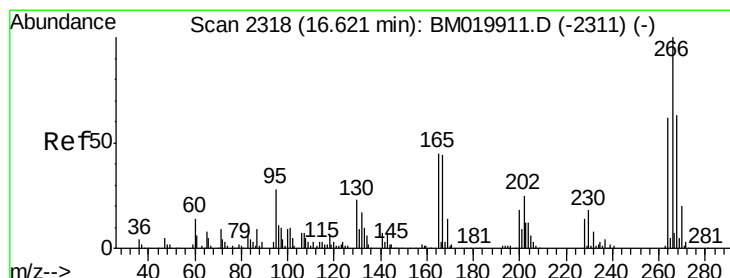
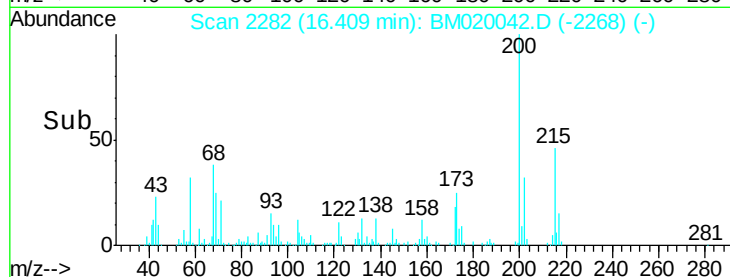
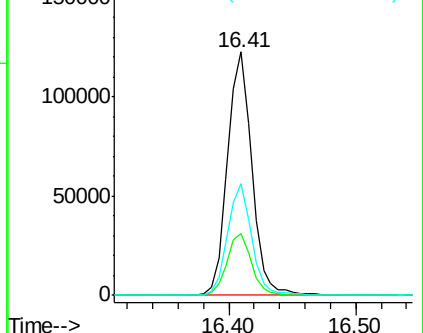
215 45.9 25.4 65.4



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: 77.110 ng

RT: 16.59 min Scan# 2312

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

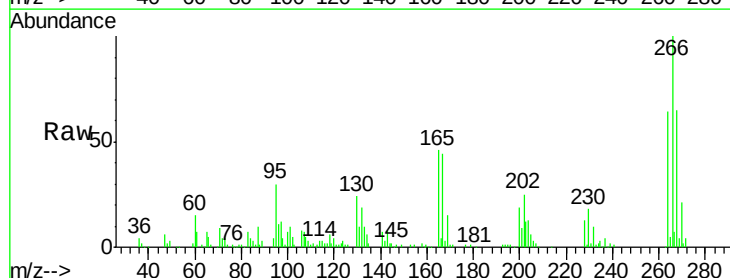
Tgt Ion:266 Resp: 186760

Ion Ratio Lower Upper

266 100

268 64.9 50.3 75.5

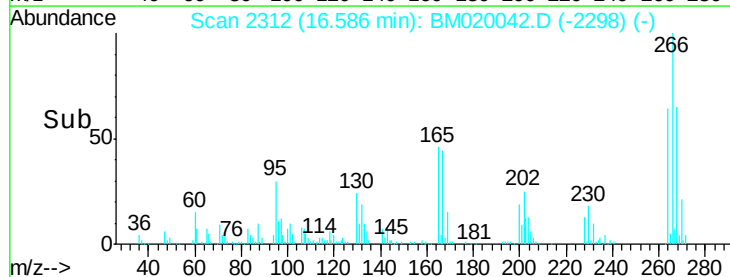
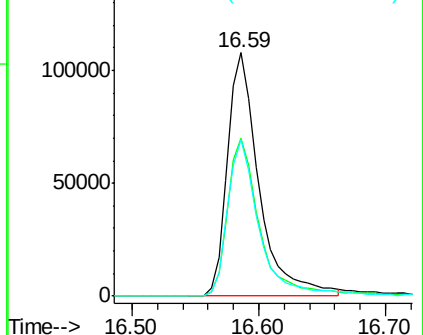
264 64.1 49.8 74.8

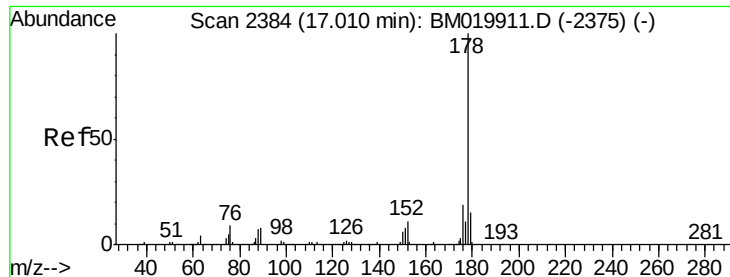


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

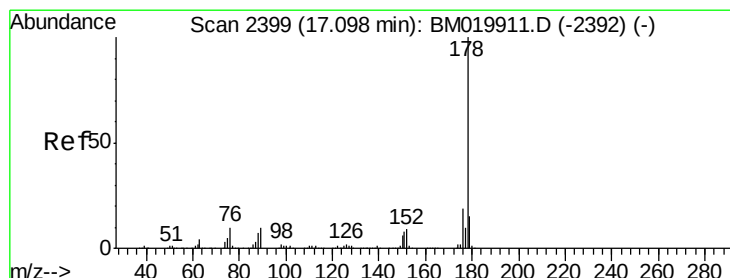
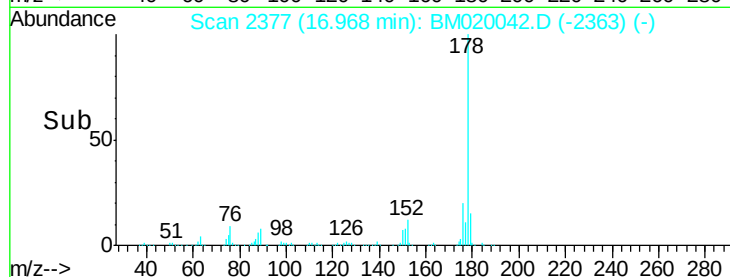
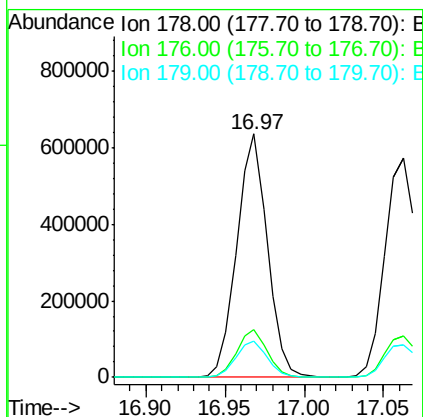
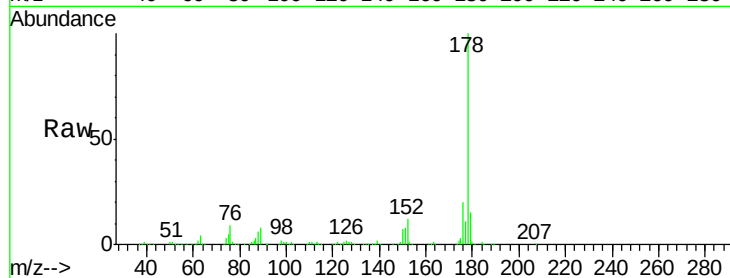




#71
Phenanthrene
Concen: 41.689 ng
RT: 16.97 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

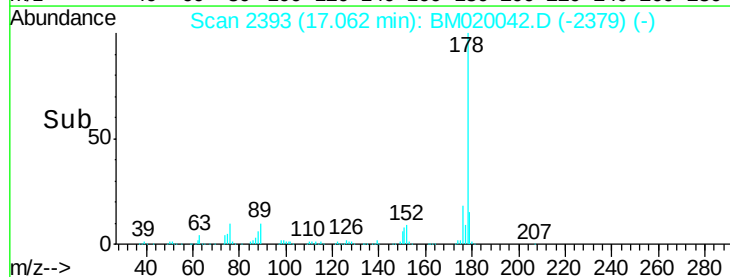
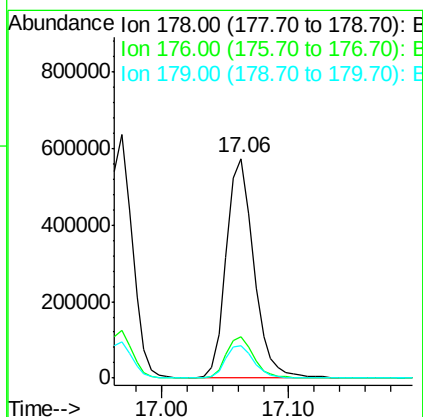
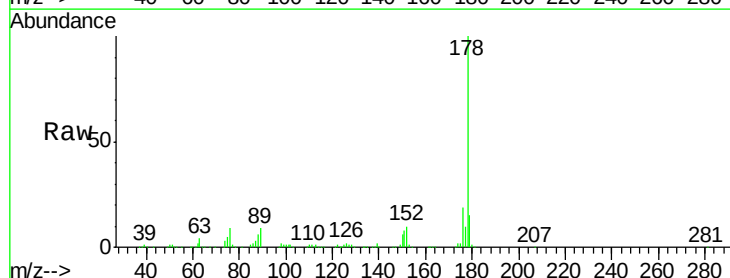
Instrument :
BNA_M
ClientSampleId :

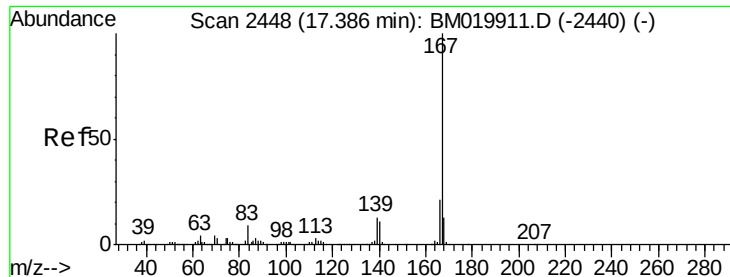
Tot Ion:178 Resp: 850080
Ion Ratio Lower Upper
178 100
176 19.7 15.2 22.8
179 14.9 12.2 18.4



#72
Anthracene
Concen: 42.088 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Tgt Ion:178 Resp: 854287
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 14.9 12.2 18.4





#73

Carbazole

Concen: 40.388 ng

RT: 17.36 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

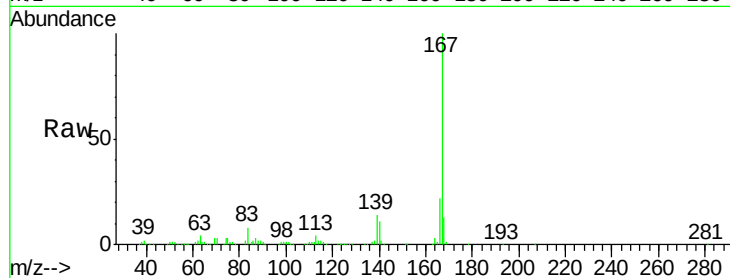
Tot Ion:167 Resp: 765400

Ion Ratio Lower Upper

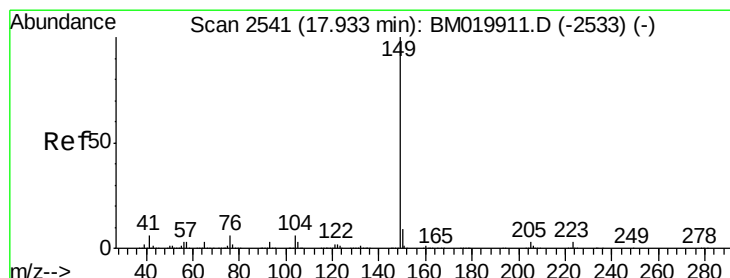
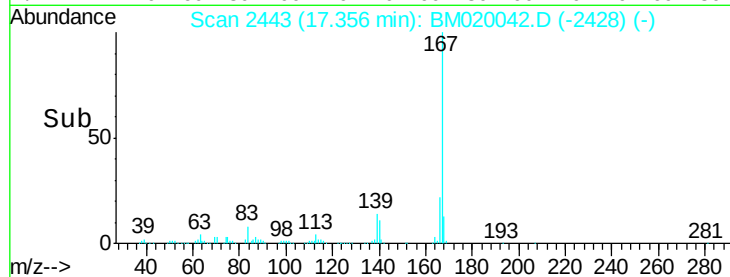
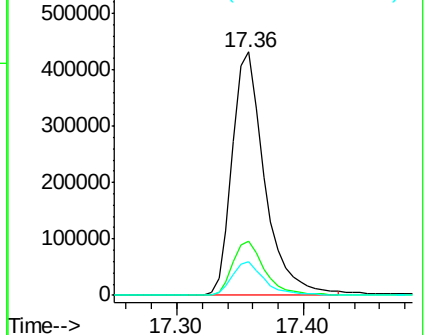
167 100

166 22.5 17.2 25.8

139 13.6 10.7 16.1



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



#74

Di-n-butylphthalate

Concen: 41.249 ng

RT: 17.89 min Scan# 2534

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

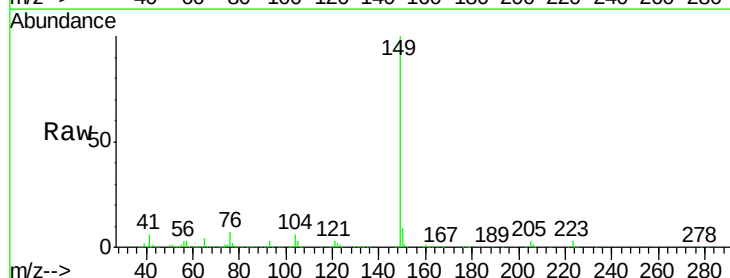
Tgt Ion:149 Resp: 1026613

Ion Ratio Lower Upper

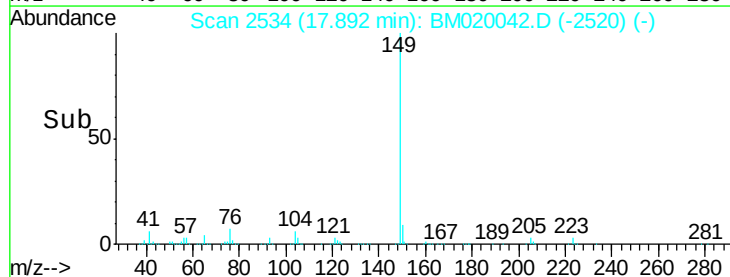
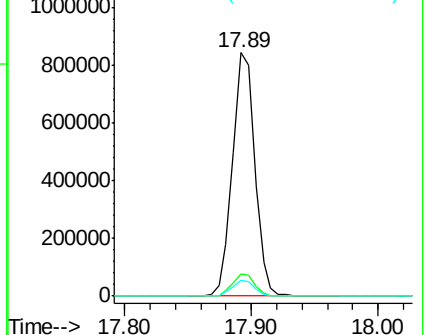
149 100

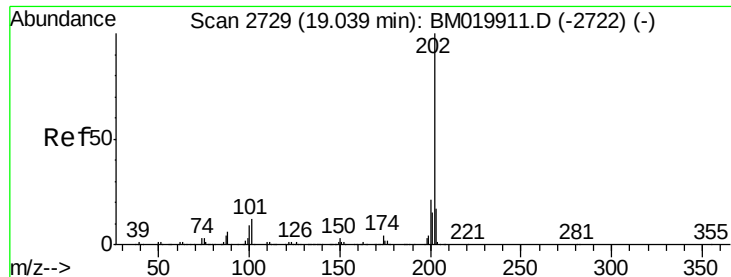
150 9.1 7.2 10.8

104 6.4 4.6 7.0



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





#75

Fluoranthene

Concen: 42.255 ng

RT: 19.00 min Scan# 2723

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

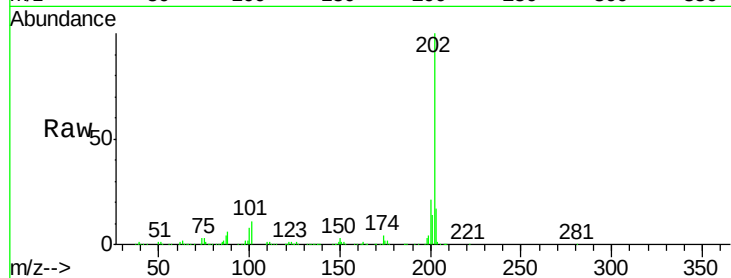
Tot Ion:202 Resp: 991568

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.7

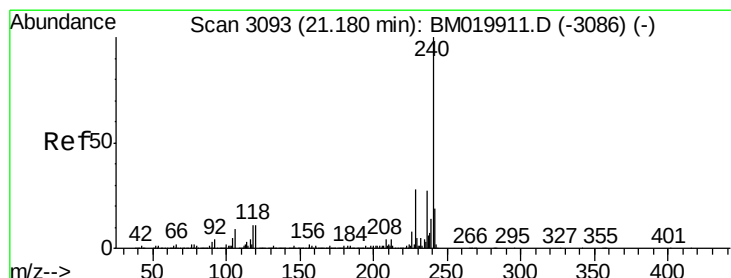
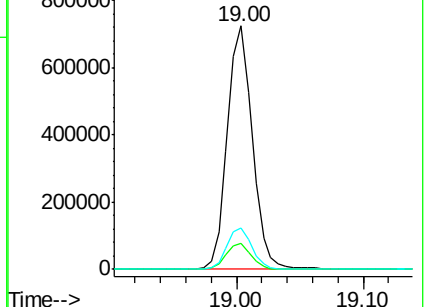
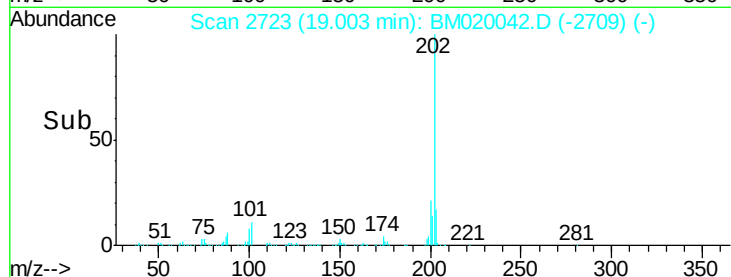
203 17.0 0.0 37.4



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: BM020042.D

Acq: 23 Apr 2019 18:30

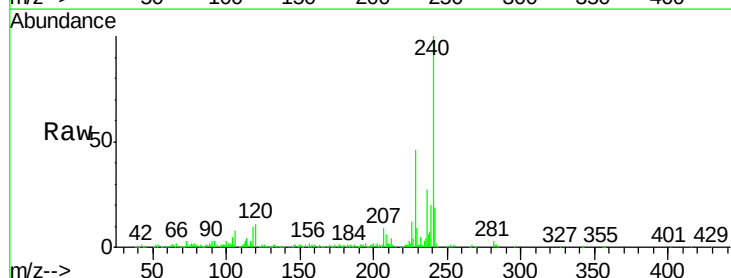
Tgt Ion:240 Resp: 352534

Ion Ratio Lower Upper

240 100

120 10.7 8.6 13.0

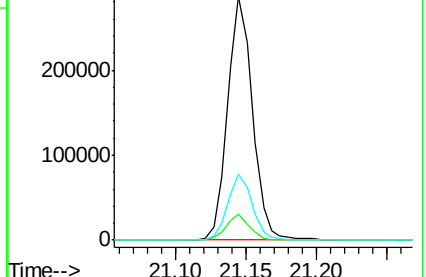
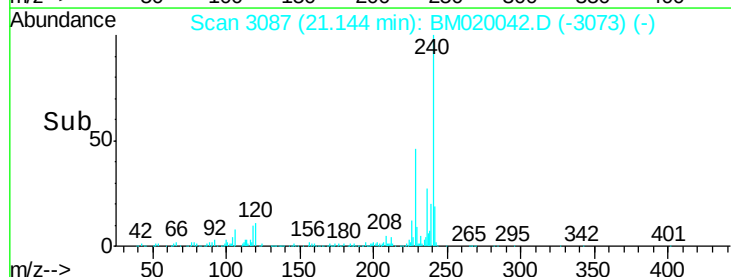
236 27.0 21.4 32.2

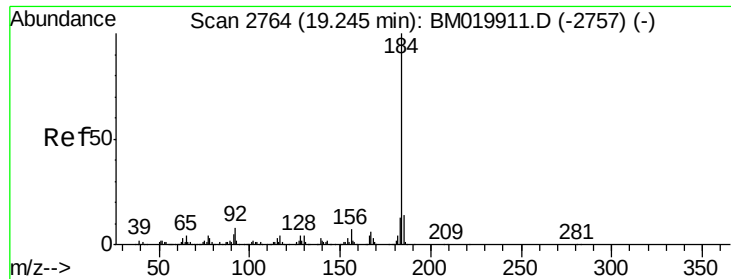


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.279 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

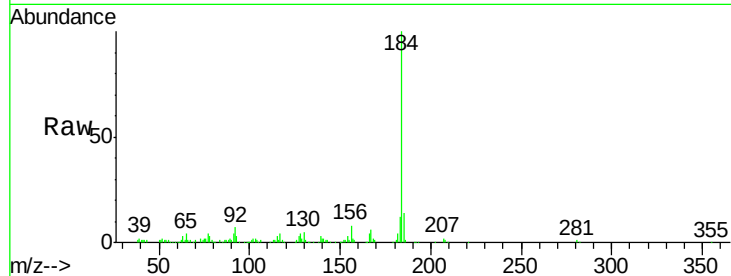
Tot Ion:184 Resp: 304245

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.0	16.6
183	11.5	10.1	15.1

184 100

185 13.9 11.0 16.6

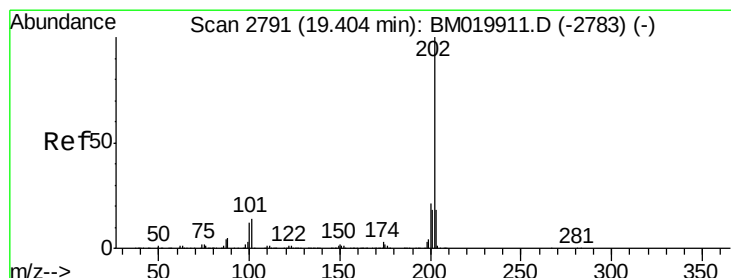
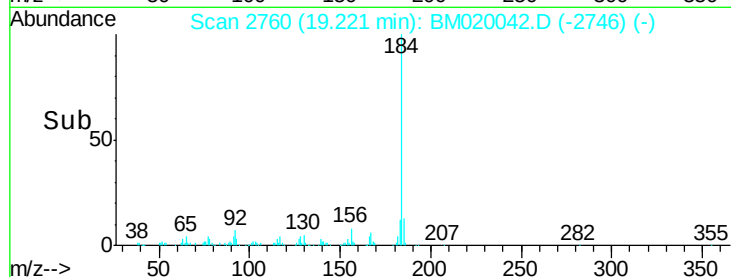
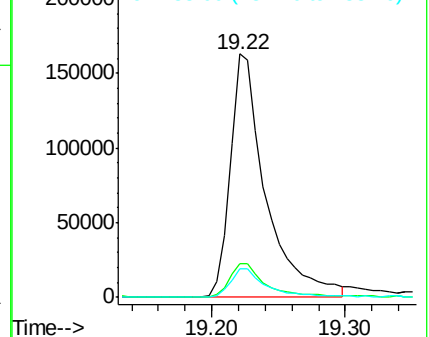
183 11.5 10.1 15.1



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: 44.287 ng

RT: 19.37 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

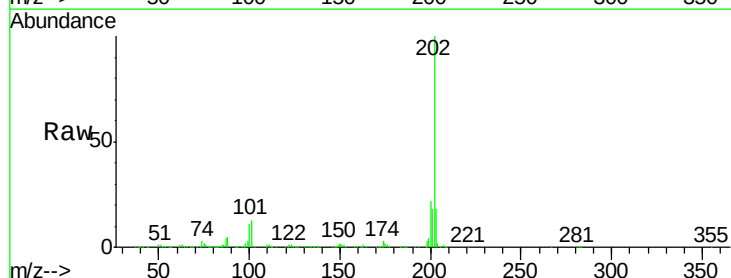
Tgt Ion:202 Resp: 1033925

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	17.5	14.0	21.0

202 100

200 21.5 17.0 25.4

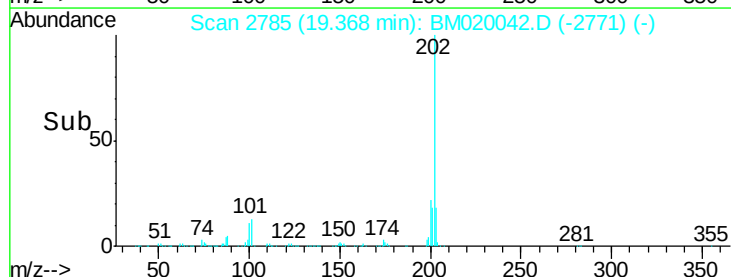
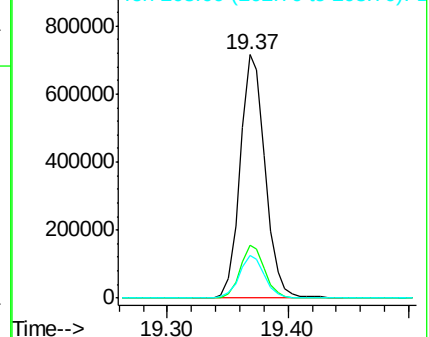
203 17.5 14.0 21.0

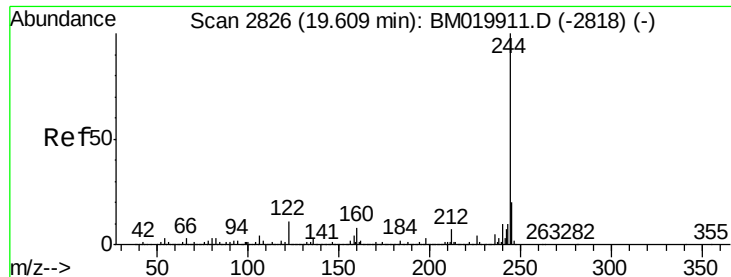


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.891 ng

RT: 19.57 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

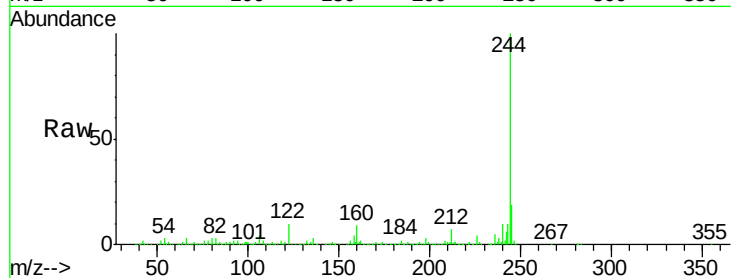
Tot Ion:244 Resp: 1696703

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

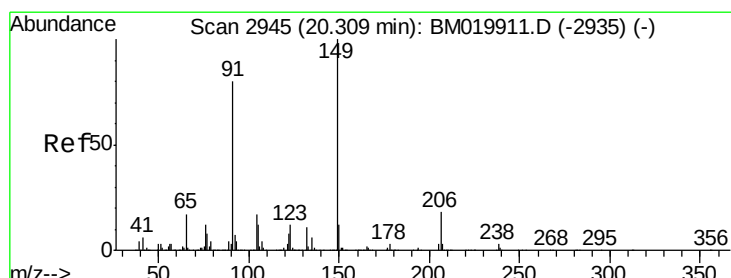
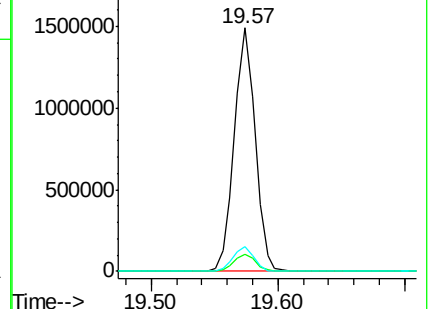
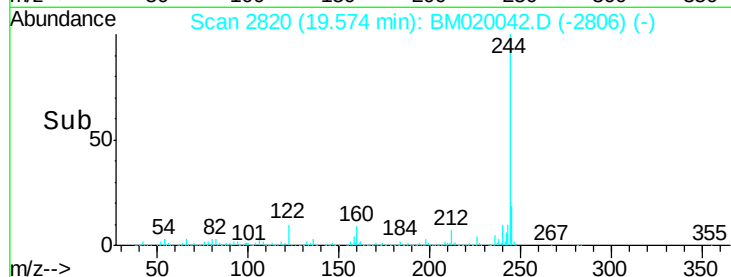
122 9.9 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.110 ng

RT: 20.28 min Scan# 2940

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

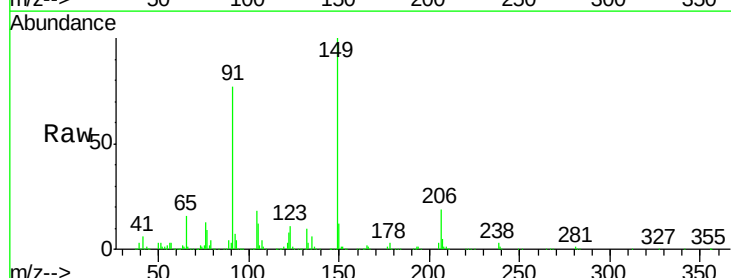
Tgt Ion:149 Resp: 499263

Ion Ratio Lower Upper

149 100

91 77.2 63.7 95.5

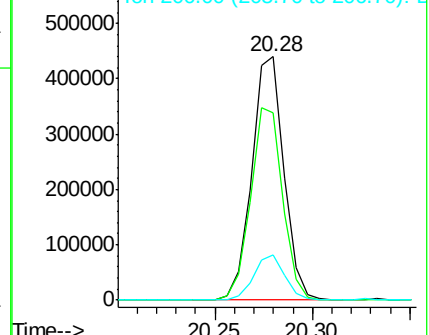
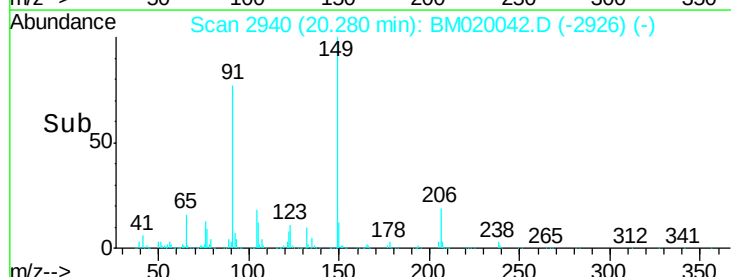
206 18.8 14.6 21.8

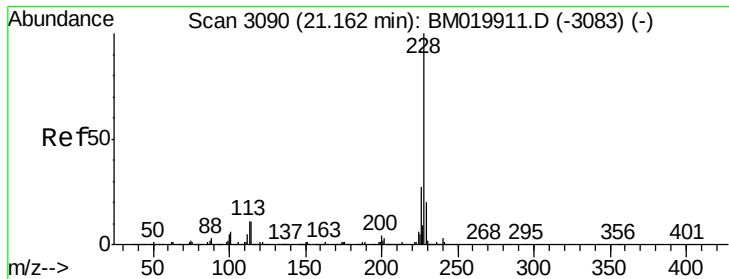


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.120 ng

RT: 21.13 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

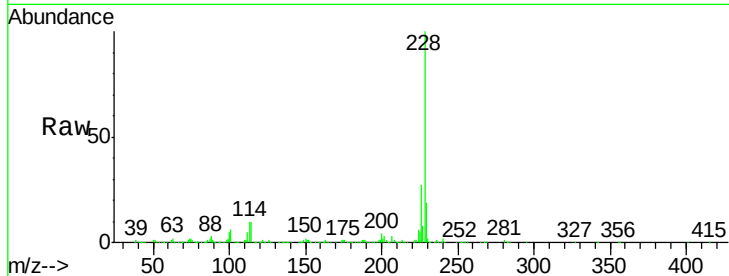
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1007617

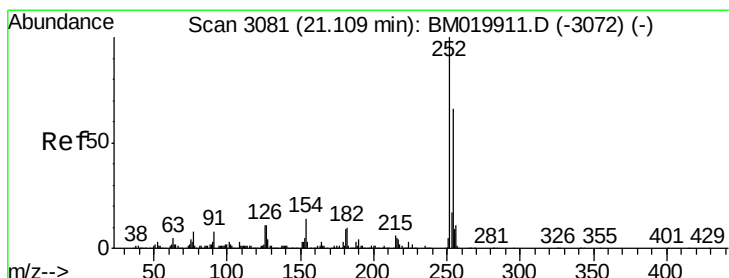
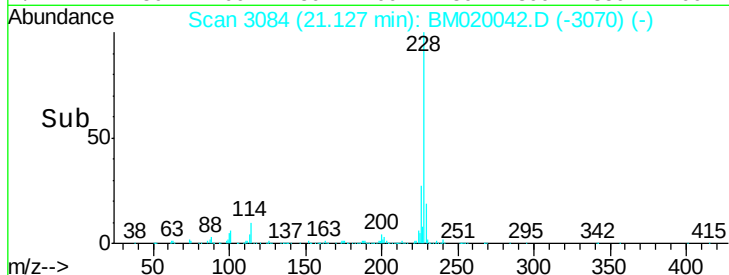
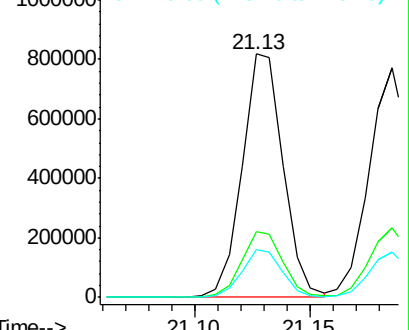
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	19.5	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.948 ng

RT: 21.08 min Scan# 3076

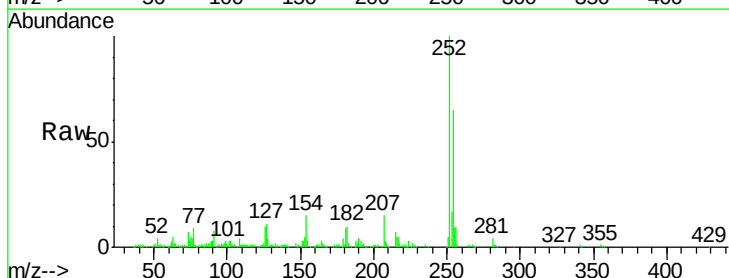
Delta R.T. -0.01 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Tgt Ion:252 Resp: 223907

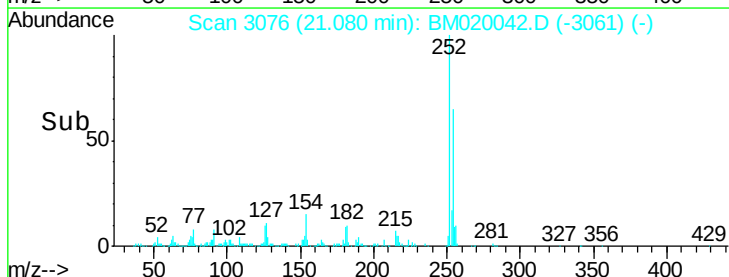
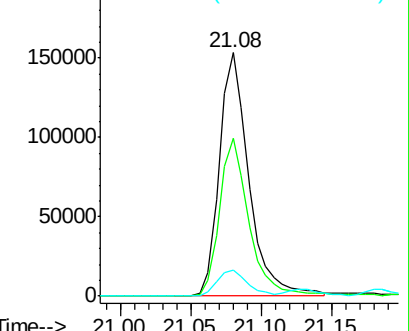
Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.6	78.8
126	10.5	8.6	12.8

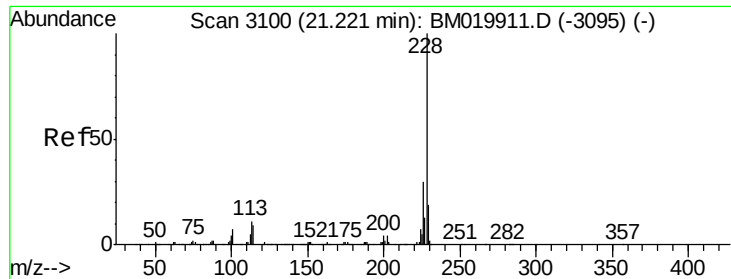


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.948 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

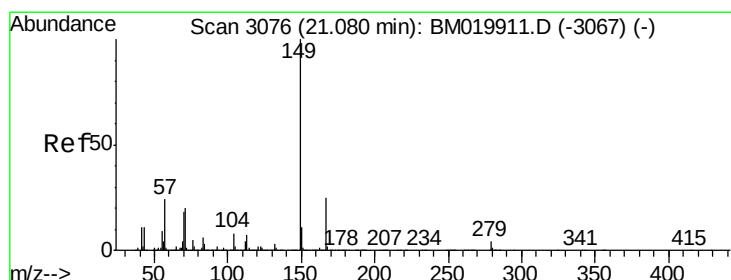
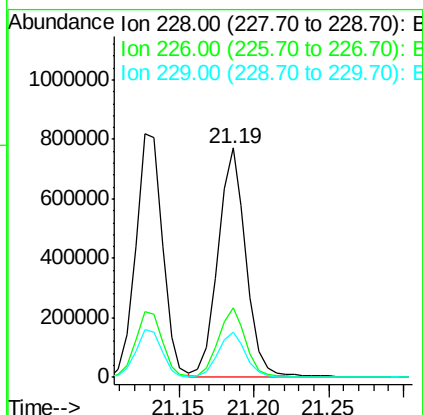
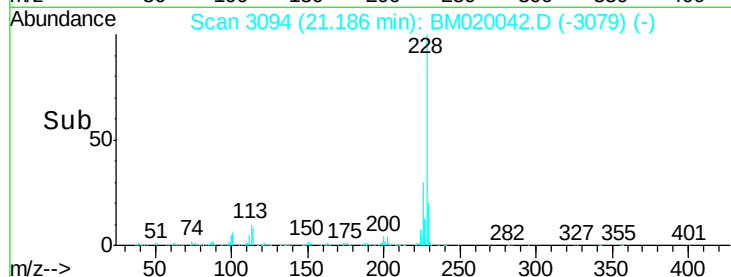
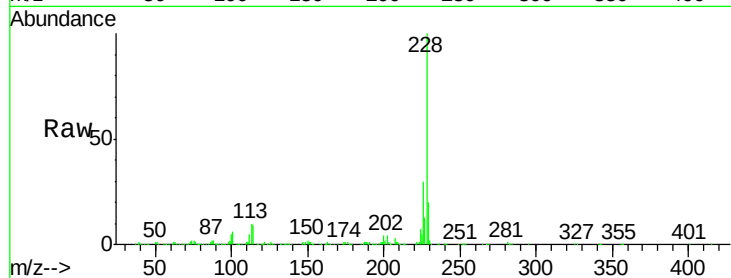
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 1005469

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.7	35.5
229	19.8	15.6	23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.395 ng

RT: 21.04 min Scan# 3070

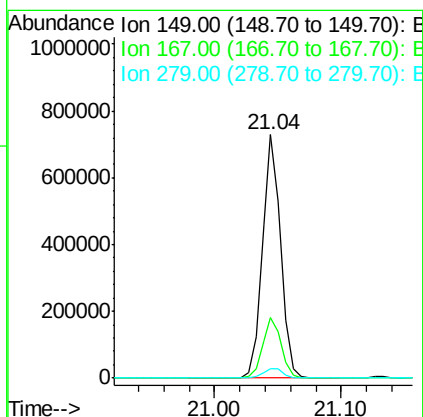
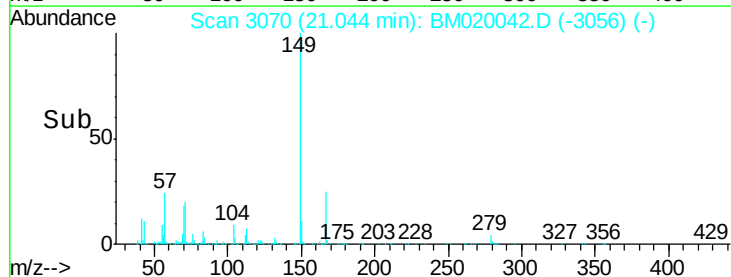
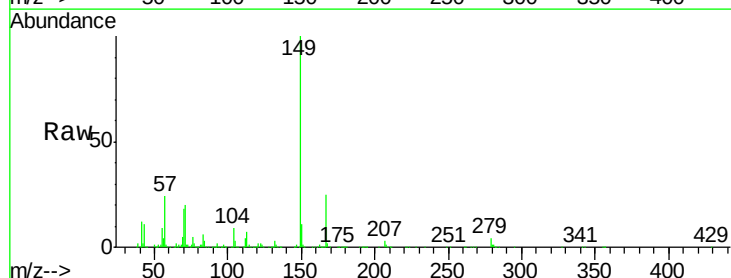
Delta R.T. -0.02 min

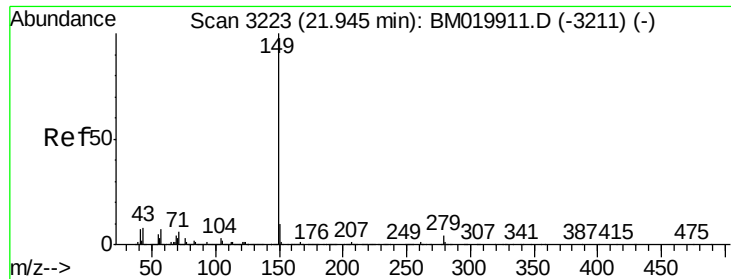
Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Tgt Ion:149 Resp: 731221

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.3	30.5
279	4.0	3.4	5.2

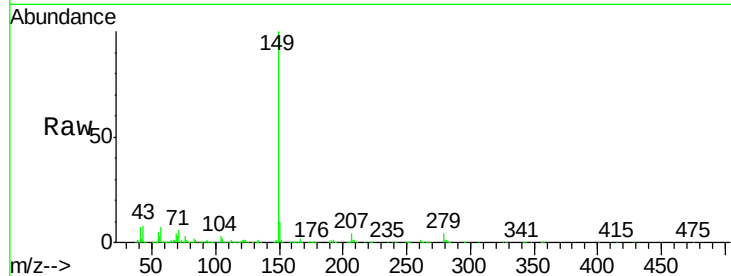




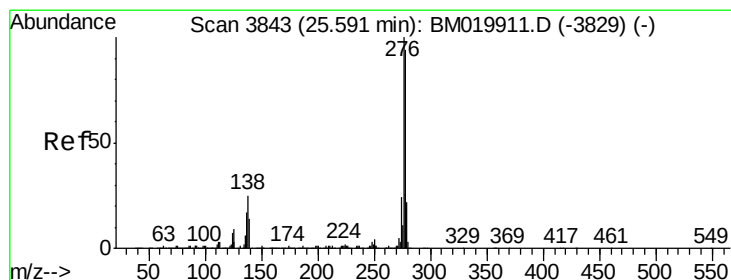
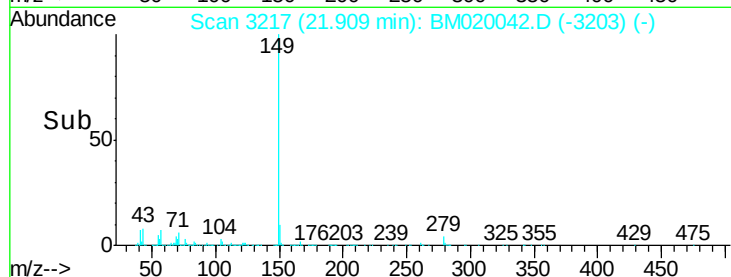
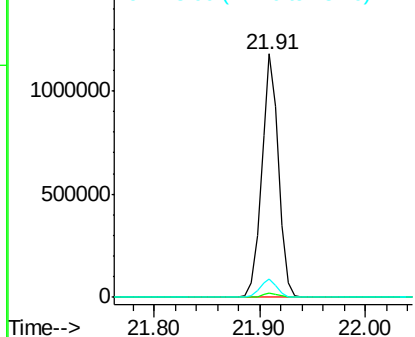
#85
Di-n-octyl phthalate
Concen: 47.785 ng
RT: 21.91 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 1306512
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.6 6.0 9.0

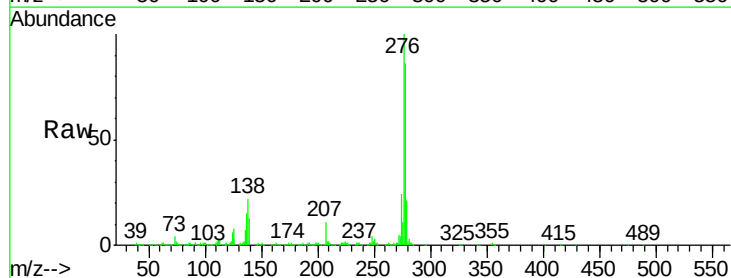


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

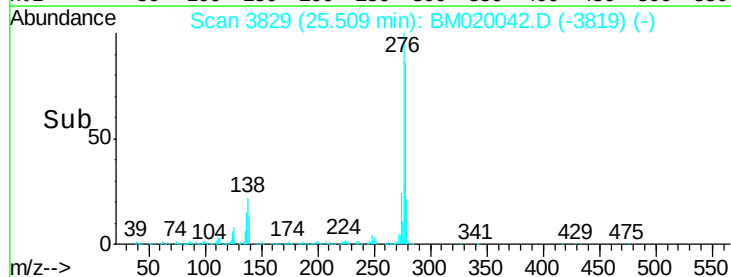
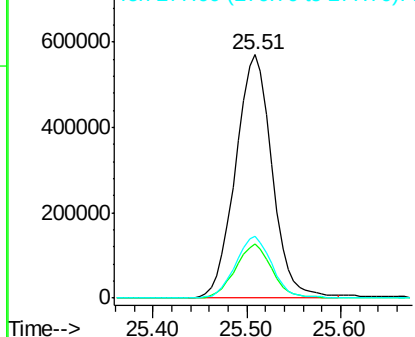


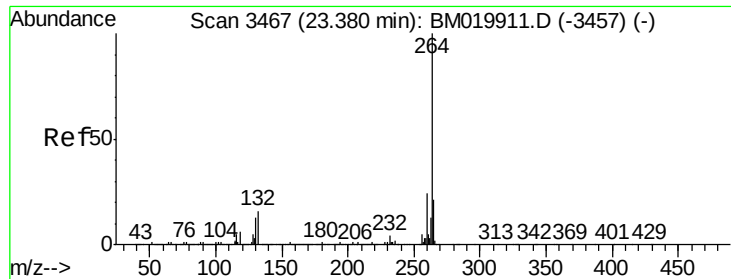
#86
Indeno(1,2,3-cd)pyrene
Concen: 73.027 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.04 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Tgt Ion:276 Resp: 1538547
Ion Ratio Lower Upper
276 100
138 22.3 19.0 28.6
277 25.5 20.3 30.5



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.33 min Scan# 3459

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

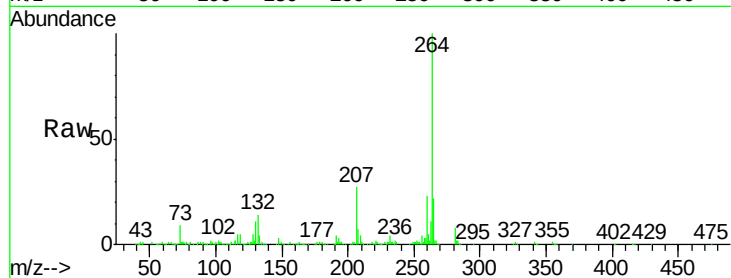
Tot Ion:264 Resp: 431717

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

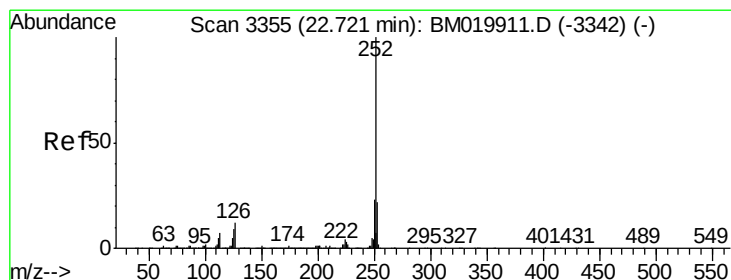
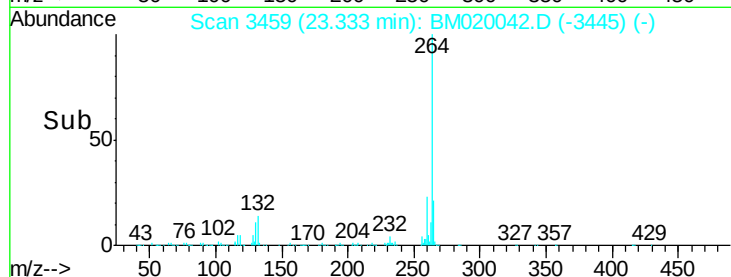
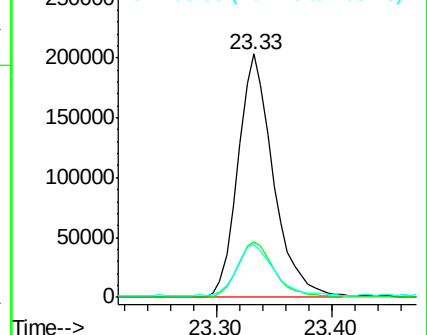
265 21.7 17.2 25.8



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: 41.386 ng

RT: 22.67 min Scan# 3347

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

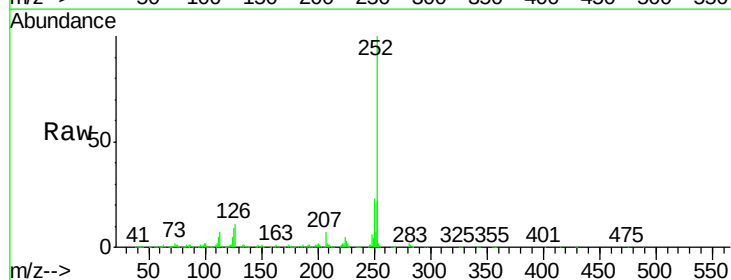
Tgt Ion:252 Resp: 1186408

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

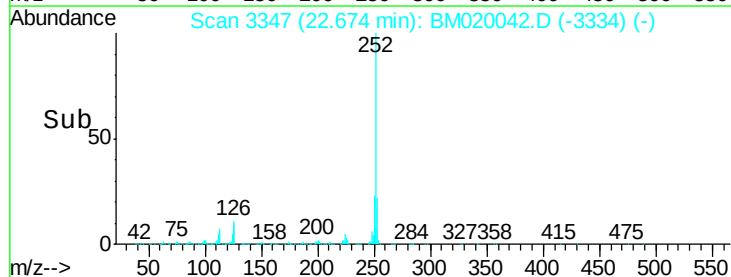
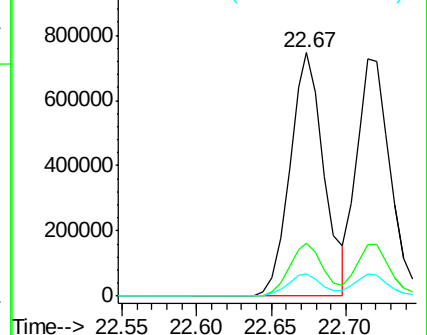
125 9.3 7.6 11.4

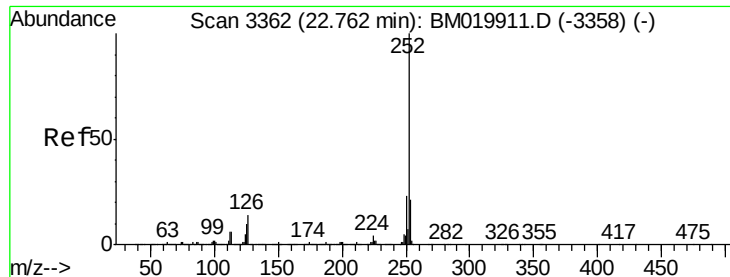


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.329 ng

RT: 22.71 min Scan# 3354

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

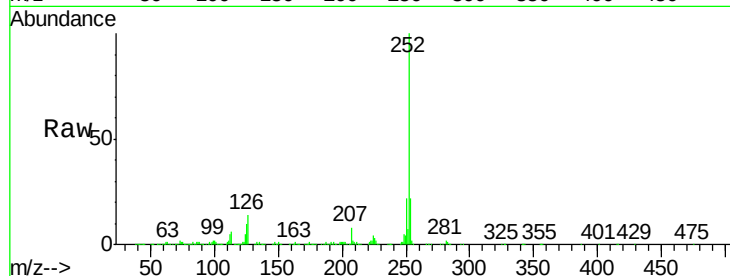
Tot Ion:252 Resp: 1142381

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

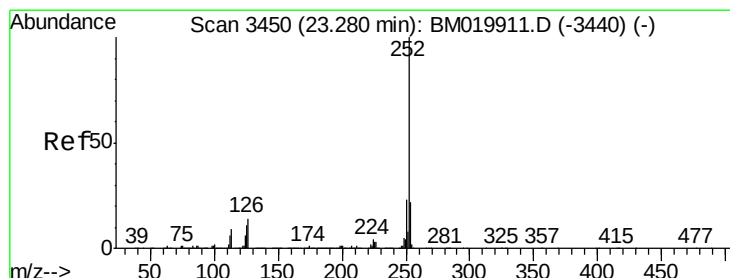
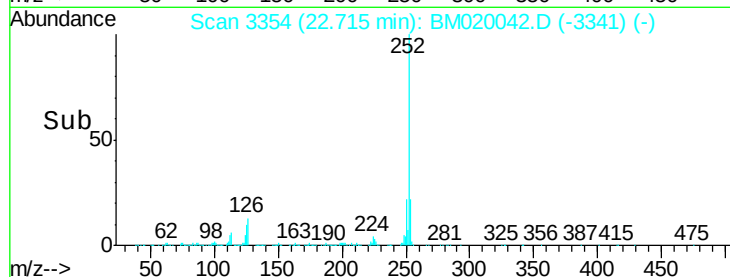
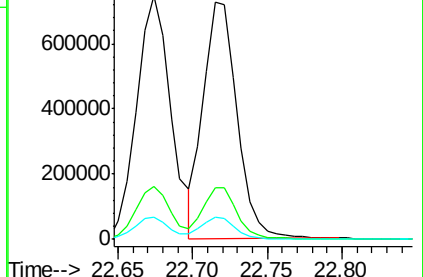
125 9.6 8.2 12.4



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: 45.108 ng

RT: 23.23 min Scan# 3442

Delta R.T. -0.02 min

Lab File: BM020042.D

Acq: 23 Apr 2019 18:30

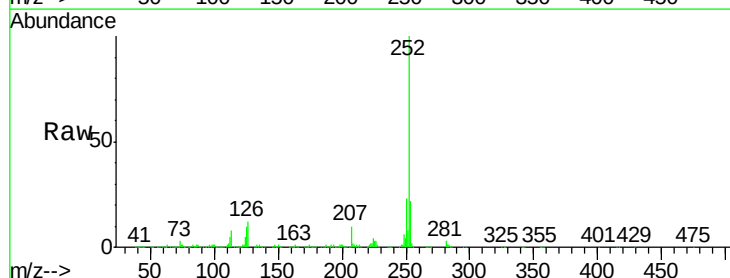
Tgt Ion:252 Resp: 1145749

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

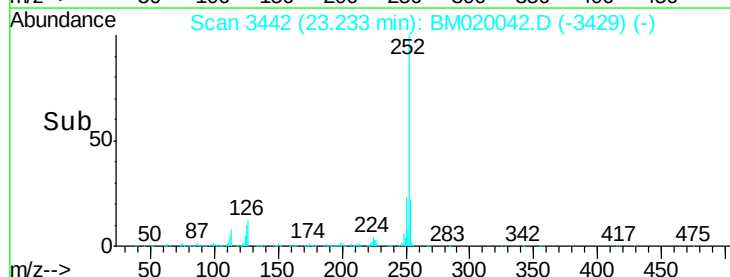
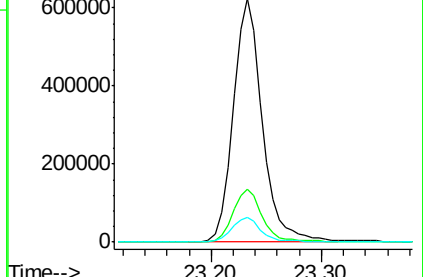
125 10.2 9.1 13.7

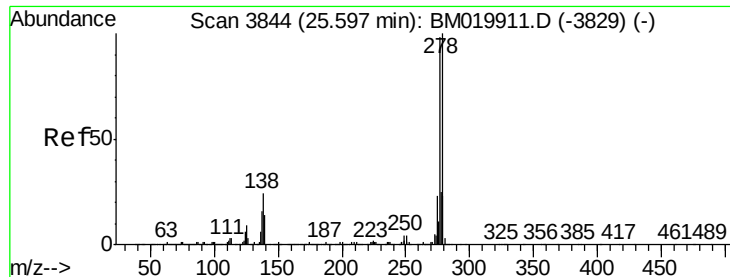


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



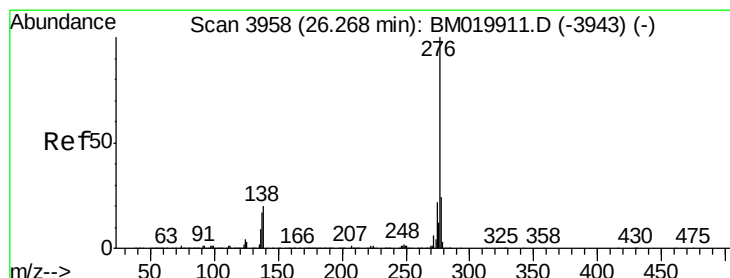
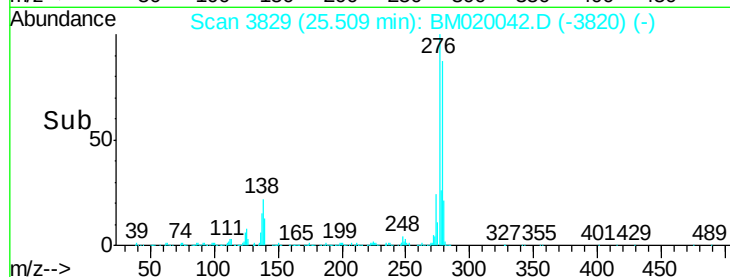
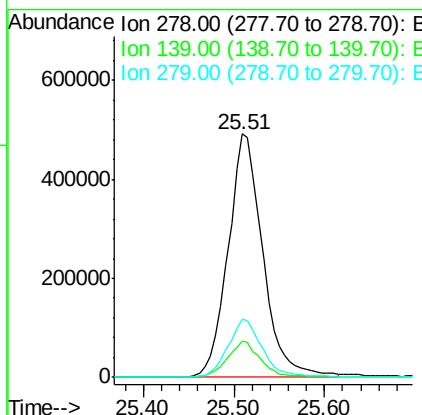
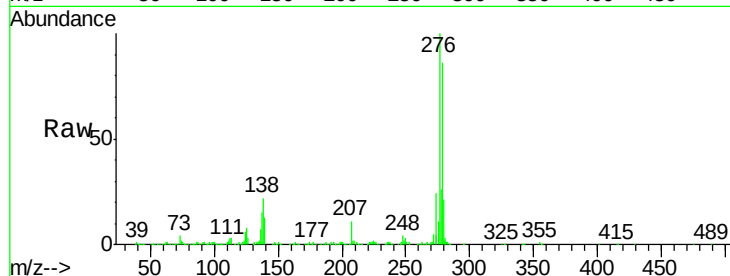


#91
Dibenzo(a,h)anthracene
Concen: 53.250 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.05 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 1304047

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.6	17.4
279	23.8	18.4	27.6



#92
Benzo(g,h,i)perylene
Concen: 54.536 ng
RT: 26.18 min Scan# 3943
Delta R.T. -0.05 min
Lab File: BM020042.D
Acq: 23 Apr 2019 18:30

Tgt Ion:276 Resp: 1209663

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	18.3	16.2	24.4

