

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103919.D
 Acq On : 26 Mar 2018 12:13
 Operator : JU/SJ
 Sample : J1867-13MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C19013071MS

Quant Time: Mar 27 07:18:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	148090	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	605161	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	291643	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	528867	20.00	ng	0.00
75) Chrysene-d12	14.17	240	437344	20.00	ng	0.00
86) Perylene-d12	15.72	264	411857	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	673646	69.19	ng	0.00
7) Phenol-d6	6.60	99	551416	46.29	ng	0.00
23) Nitrobenzene-d5	7.55	82	985970	113.62	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	415564	165.72	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1699147	92.94	ng	0.00
78) Terphenyl-d14	13.10	244	1722772	91.43	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.87	88	80341	16.758	ng	# 89
3) Pyridine	3.65	79	179870	13.640	ng	# 87
4) n-Nitrosodimethylamine	3.59	42	88405	18.182	ng	# 78
6) Aniline	6.64	93	288343	16.952	ng	96
8) 2-Chlorophenol	6.76	128	410126	40.211	ng	94
9) Benzaldehyde	6.53	77	166329	21.254	ng	96
10) Phenol	6.61	94	221950	17.535	ng	94
11) bis(2-Chloroethyl)ether	6.71	93	453897	43.439	ng	93
12) 1,3-Dichlorobenzene	6.92	146	448205	38.583	ng	100
13) 1,4-Dichlorobenzene	6.99	146	457601	39.201	ng	100
14) 1,2-Dichlorobenzene	7.15	146	428977	39.603	ng	100
15) Benzyl Alcohol	7.11	79	284586	30.835	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	595047	40.039	ng	91
17) 2-Methylphenol	7.22	107	295306	32.513	ng	99
18) Hexachloroethane	7.49	117	165070	40.202	ng	99
19) n-Nitroso-di-n-propylamine	7.39	70	322687	42.270	ng	92
20) 3+4-Methylphenols	7.37	107	321834	27.920	ng	# 75
22) Acetophenone	7.38	105	646058	41.539	ng	96
24) Nitrobenzene	7.56	77	496491	48.733	ng	95
25) Isophorone	7.80	82	934144	46.501	ng	98
26) 2-Nitrophenol	7.87	139	263438	64.035	ng	93
27) 2,4-Dimethylphenol	7.90	122	402811	46.806	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	596949	49.073	ng	99
29) 2,4-Dichlorophenol	8.12	162	386365	49.346	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	392693	43.242	ng	98
31) Naphthalene	8.28	128	1314588	43.003	ng	99
32) Benzoic acid	8.00	122	101346	23.151	ng	99
33) 4-Chloroaniline	8.32	127	196950	15.357	ng	97
34) Hexachlorobutadiene	8.39	225	199999	40.169	ng	100
35) Caprolactam	8.70	113	69629	25.826	ng	# 84
36) 4-Chloro-3-methylphenol	8.80	107	391987	45.413	ng	97
37) 2-Methylnaphthalene	8.97	142	897748	46.309	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	385514	46.335	ng	99
40) Hexachlorocyclopentadiene	9.12	237	360325	83.928	ng	98

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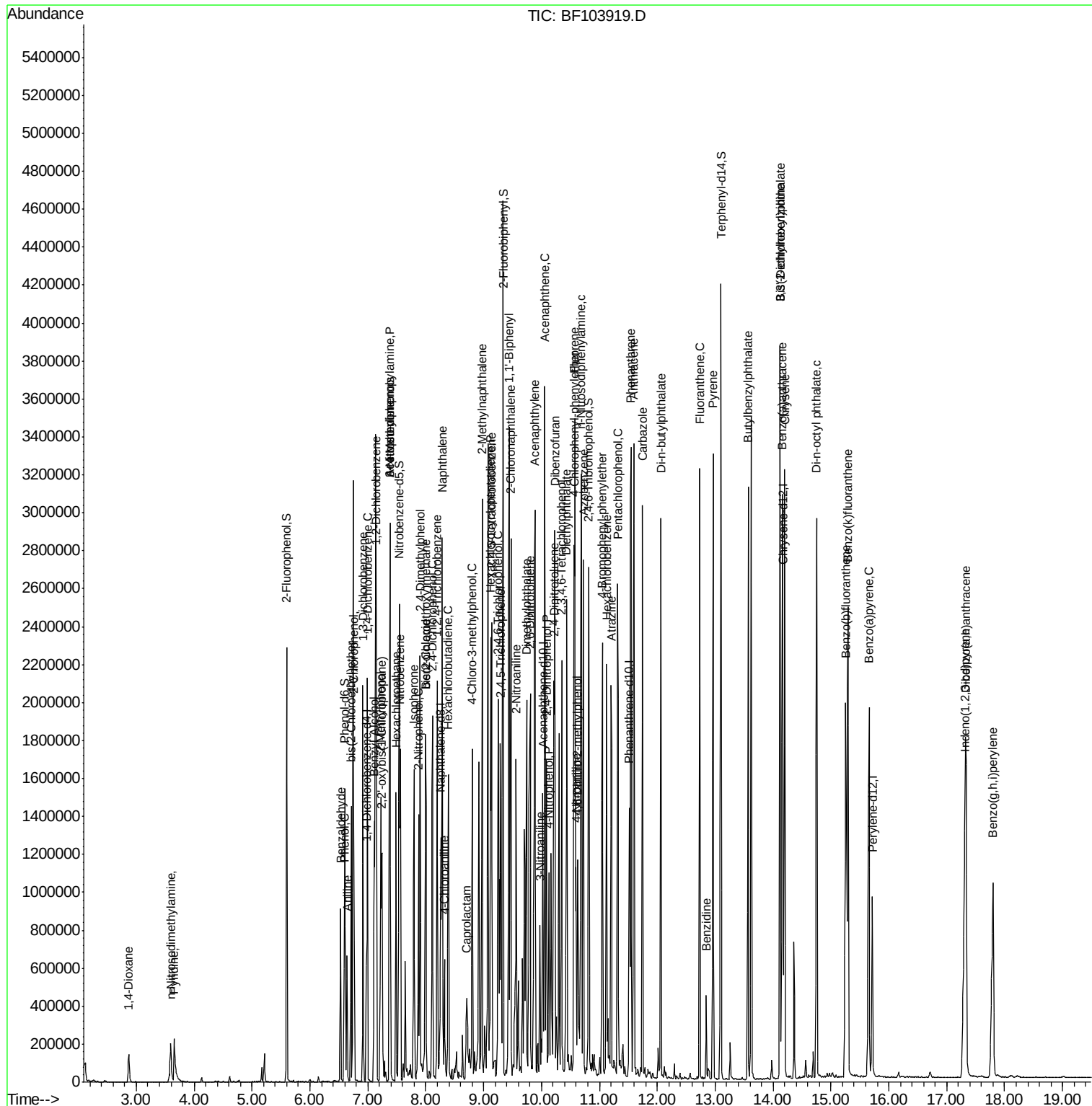
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	276464	51.949	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	298029	49.616	nq	98
45) 1,1'-Biphenyl	9.44	154	1063515	43.732	nq	99
46) 2-Chloronaphthalene	9.47	162	850449	44.029	nq	98
47) 2-Nitroaniline	9.56	65	267446	52.229	nq	93
48) Acenaphthylene	9.89	152	1289728	43.060	nq	99
49) Dimethylphthalate	9.74	163	1099399	49.409	nq	100
50) 2,6-Dinitrotoluene	9.80	165	236073	54.277	nq	95
51) Acenaphthene	10.06	154	781620	43.949	nq	99
52) 3-Nitroaniline	9.97	138	145061	29.700	nq	93
53) 2,4-Dinitrophenol	10.09	184	251551	128.788	nq	# 23
54) Dibenzofuran	10.23	168	1192891	46.963	nq	98
55) 4-Nitrophenol	10.13	139	181635	46.787	nq	91
56) 2,4-Dinitrotoluene	10.22	165	320382	57.360	nq	# 86
57) Fluorene	10.57	166	951976	48.299	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	239581	56.290	nq	92
59) Diethylphthalate	10.43	149	989385	44.800	nq	98
60) 4-Chlorophenyl-phenylether	10.56	204	423915	47.061	nq	99
61) 4-Nitroaniline	10.60	138	255242	51.143	nq	91
62) Azobenzene	10.72	77	928742	41.364	nq	93
64) 4,6-Dinitro-2-methylphenol	10.63	198	161868	69.155	nq	# 72
65) n-Nitrosodiphenylamine	10.68	169	876545	48.692	nq	99
66) 4-Bromophenyl-phenylether	11.05	248	269675	49.663	nq	93
67) Hexachlorobenzene	11.12	284	296618	47.860	nq	93
68) Atrazine	11.20	200	277397	49.814	nq	99
69) Pentachlorophenol	11.32	266	314224	88.189	nq	98
70) Phenanthrene	11.55	178	1358737	46.966	nq	99
71) Anthracene	11.59	178	1369526	46.609	nq	100
72) Carbazole	11.75	167	1312379	45.953	nq	99
73) Di-n-butylphthalate	12.06	149	1558804	45.489	nq	100
74) Fluoranthene	12.73	202	1420644	47.665	nq	100
76) Benzidine	12.85	184	160450	8.602	nq	98
77) Pyrene	12.97	202	1432876	44.613	nq	99
79) Butylbenzylphthalate	13.57	149	720065	50.602	nq	99
80) Benzo(a)anthracene	14.16	228	1343053	48.514	nq	100
81) 3,3'-Dichlorobenzidine	14.12	252	276383	29.847	nq	98
82) Chrysene	14.20	228	1231272	46.657	nq	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	932160	45.854	nq	99
84) Di-n-octyl phthalate	14.75	149	1677405	56.717	nq	96
85) Indeno(1,2,3-cd)pyrene	17.31	276	1186843	51.499	nq	98
87) Benzo(b)fluoranthene	15.26	252	1302712	50.066	nq	97
88) Benzo(k)fluoranthene	15.29	252	1139571	45.560	nq	99
89) Benzo(a)pyrene	15.66	252	1162130	49.242	nq	98
90) Dibenzo(a,h)anthracene	17.33	278	970337	47.483	nq	98
91) Benzo(g,h,i)perylene	17.80	276	982279	49.409	nq	97

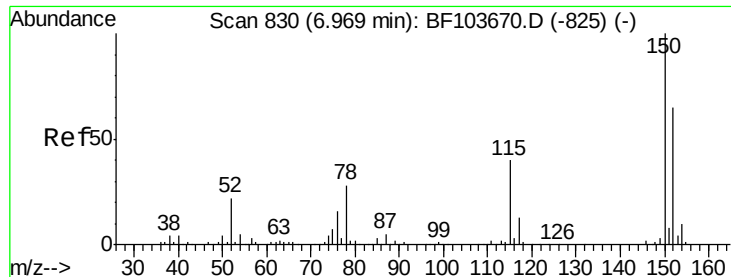
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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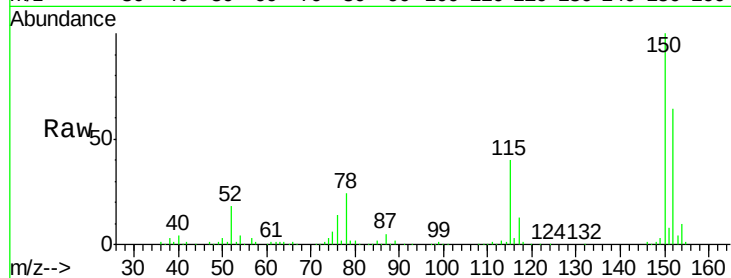


#1

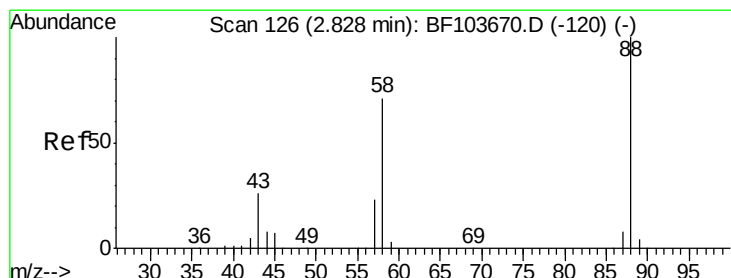
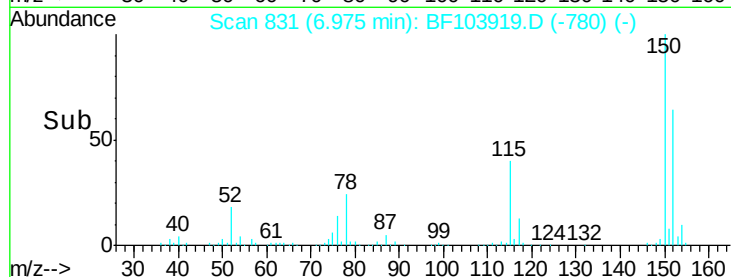
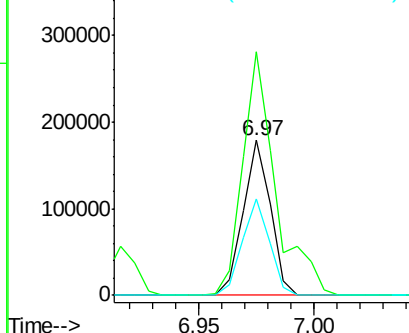
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
C19013071MS

Tot Ion:152 Resp: 148090
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 62.0 50.1 75.1



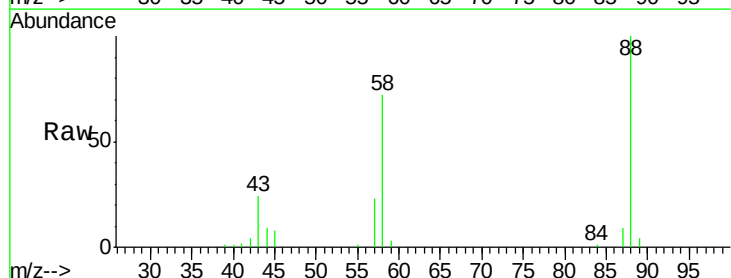
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



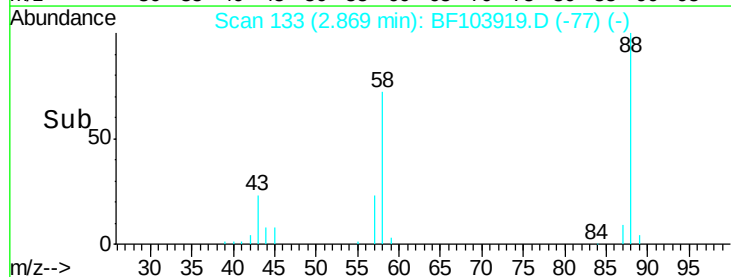
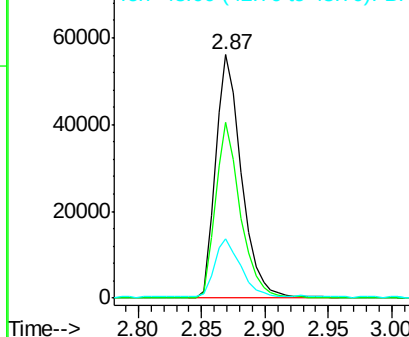
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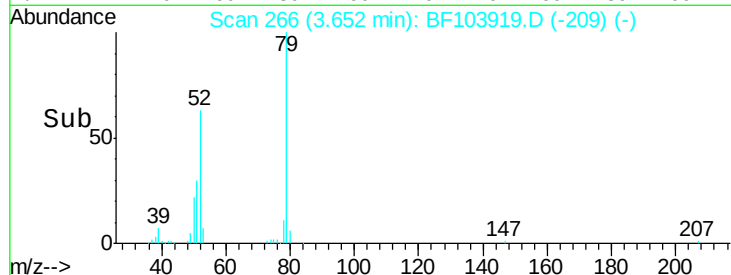
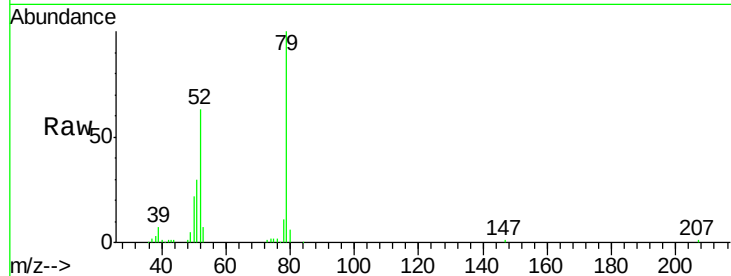
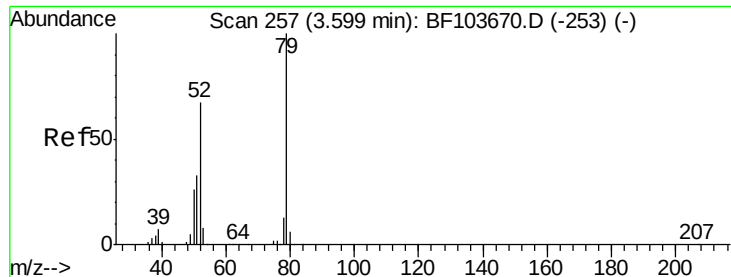
1,4-Dioxane
Concen: 16.758 ng
RT: 2.87 min Scan# 133
Delta R.T. 0.03 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Tgt Ion: 88 Resp: 80341
Ion Ratio Lower Upper
88 100
58 69.4 62.6 93.8
43 23.7 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

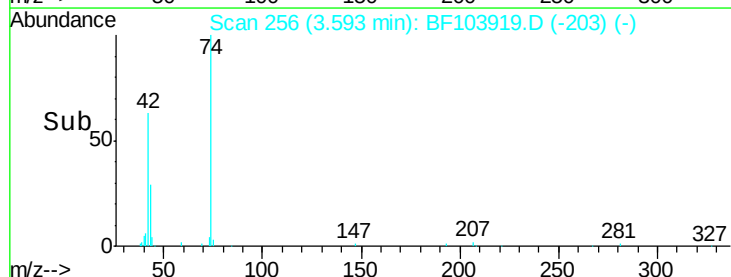
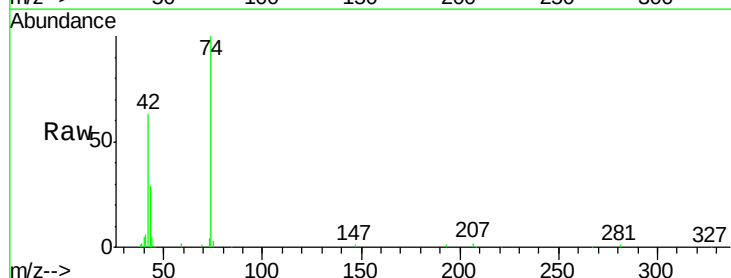
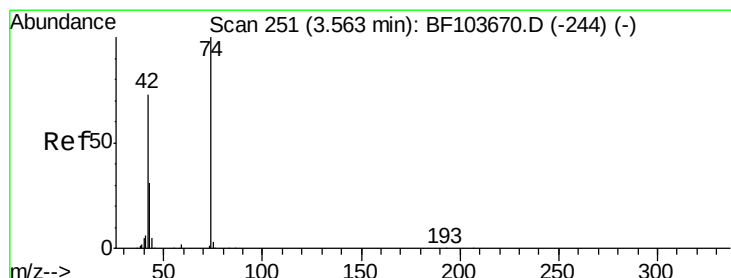
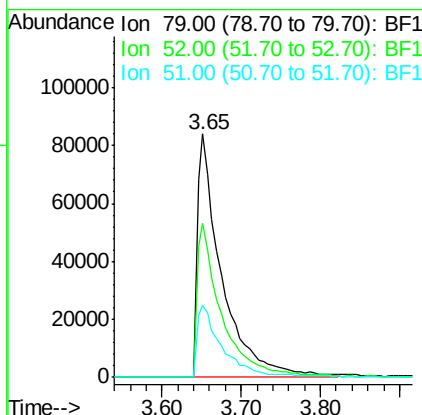




#3
 Pvridine
 Concen: 13.640 ng
 RT: 3.65 min Scan# 266
 Delta R.T. 0.04 min
 Lab File: BF103919.D
 Acq: 26 Mar 2018 12:13

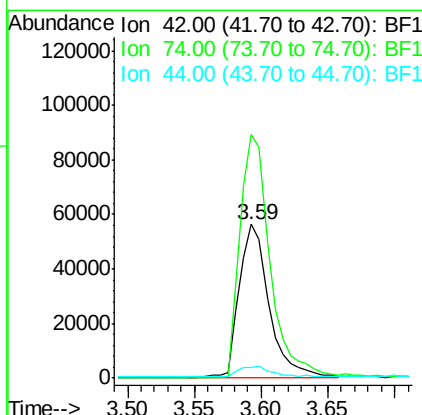
Instrument :
 BNA_F
 ClientSampleId :
 C19013071MS

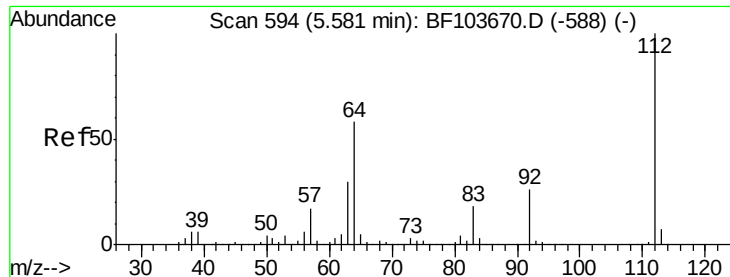
Tot Ion: 79 Resp: 179870
 Ion Ratio Lower Upper
 79 100
 52 63.1 59.8 89.6
 51 29.6 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 18.182 ng
 RT: 3.59 min Scan# 256
 Delta R.T. 0.01 min
 Lab File: BF103919.D
 Acq: 26 Mar 2018 12:13

Tgt Ion: 42 Resp: 88405
 Ion Ratio Lower Upper
 42 100
 74 158.4 104.9 157.3#
 44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 69.188 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

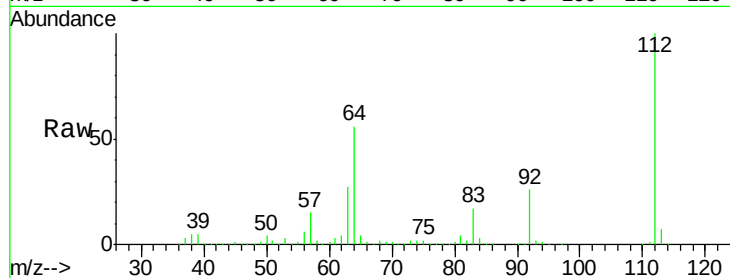
Tot Ion:112 Resp: 673646

Ion Ratio Lower Upper

112 100

64 56.0 47.9 71.9

63 27.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

800000

600000

400000

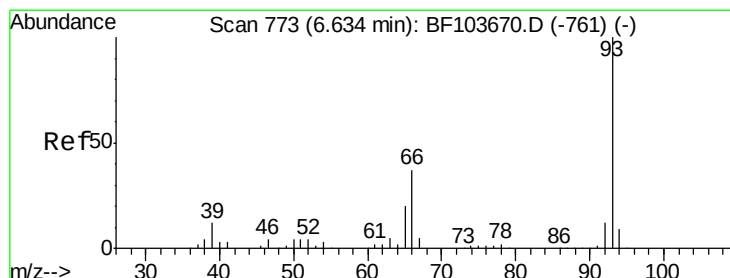
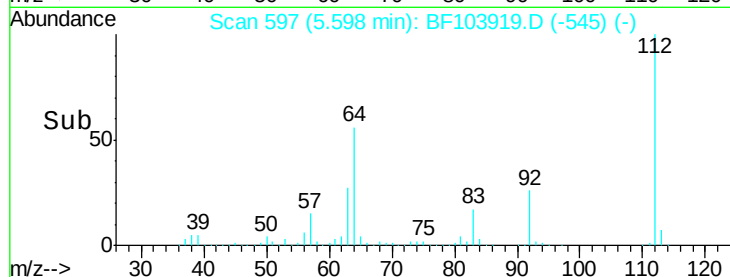
200000

0

5.60

5.50 5.55 5.60 5.65 5.70

Time-->



#6

Aniline

Concen: 16.952 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

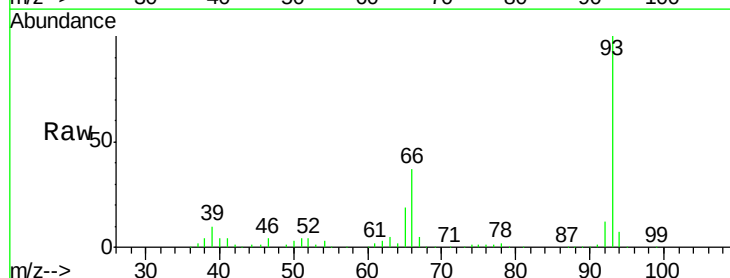
Tgt Ion: 93 Resp: 288343

Ion Ratio Lower Upper

93 100

66 37.2 32.2 48.2

65 19.1 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

600000

400000

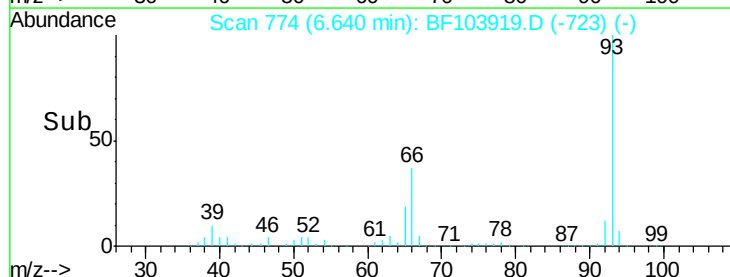
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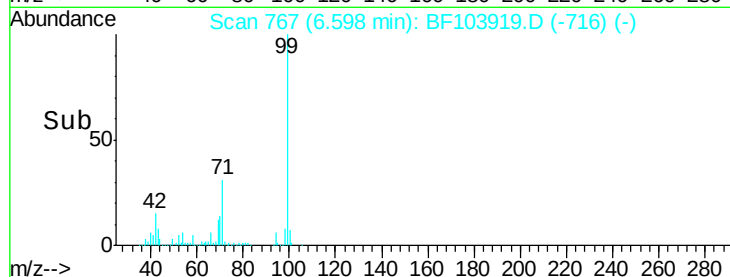
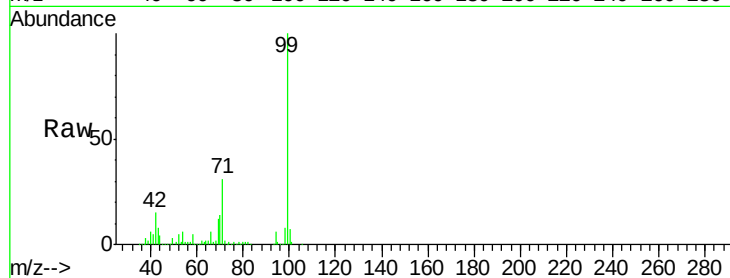
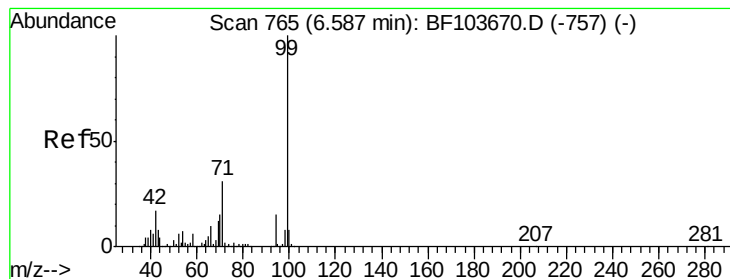
0

6.64

6.55 6.60 6.65 6.70

Time-->





#7

Phenol-d6

Concen: 46.292 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

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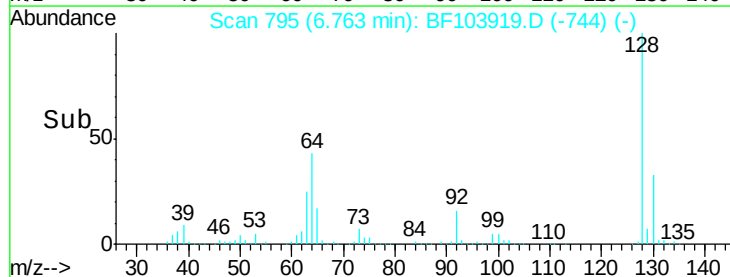
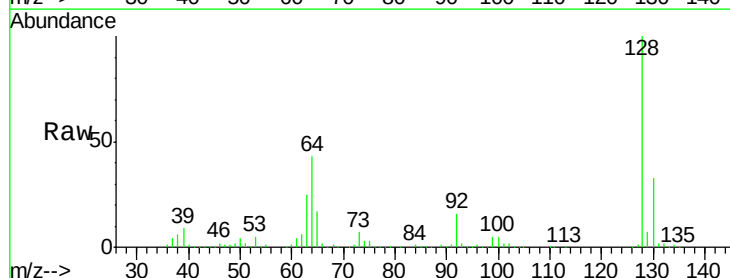
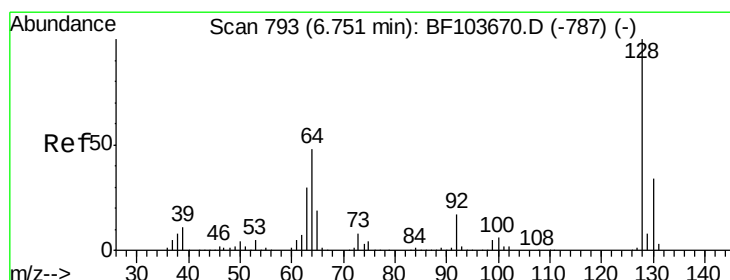
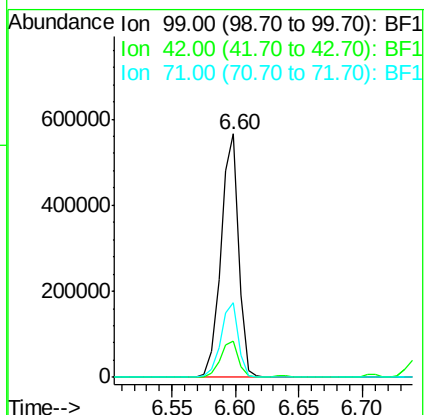
Tot Ion: 99 Resp: 551416

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

71 30.8 25.4 38.0



#8

2-Chlorophenol

Concen: 40.211 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

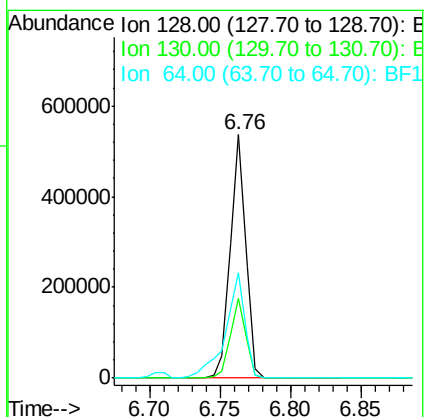
Tgt Ion: 128 Resp: 410126

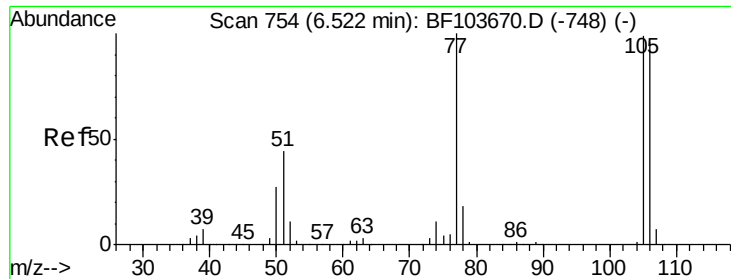
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 43.1 29.4 69.4





#9

Benzaldehyde

Concen: 21.254 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF103919.D

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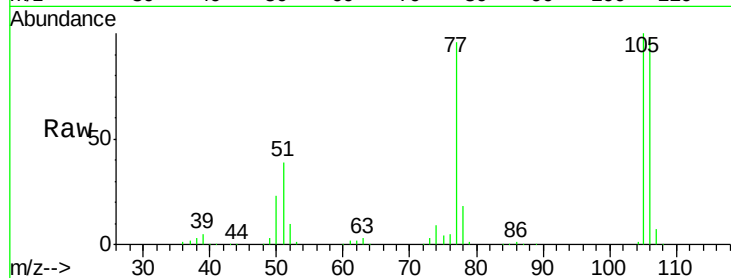
Tot Ion: 77 Resp: 166329

Ion Ratio Lower Upper

77 100

105 103.9 81.1 121.1

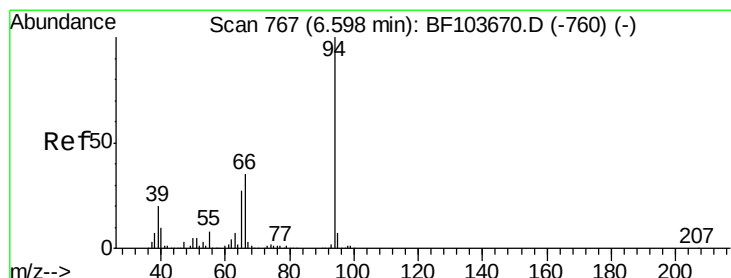
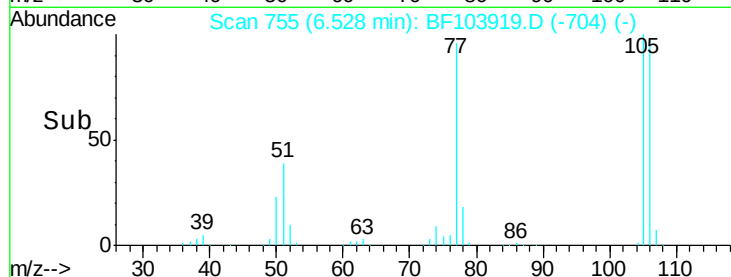
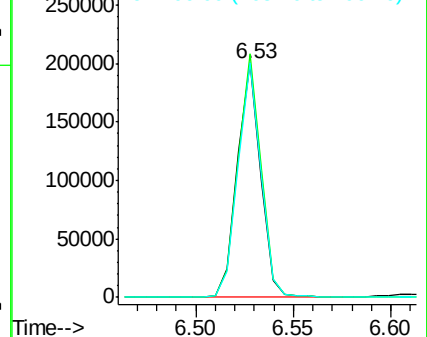
106 100.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 17.535 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

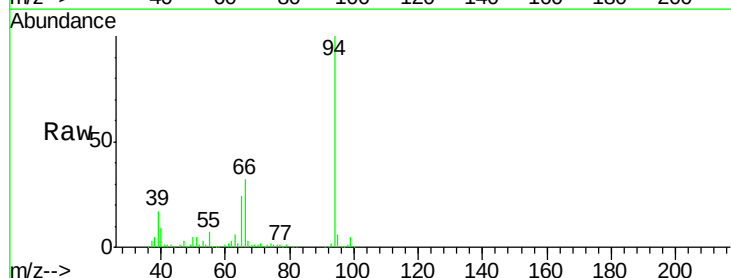
Tgt Ion: 94 Resp: 221950

Ion Ratio Lower Upper

94 100

65 24.4 7.9 47.9

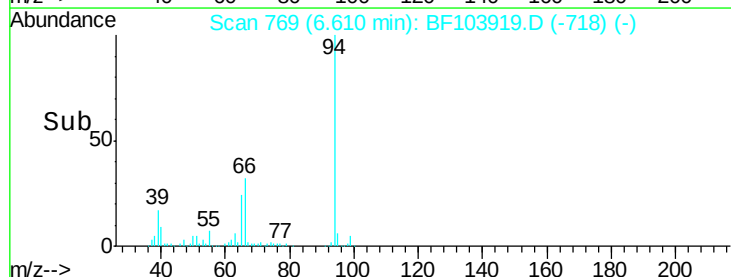
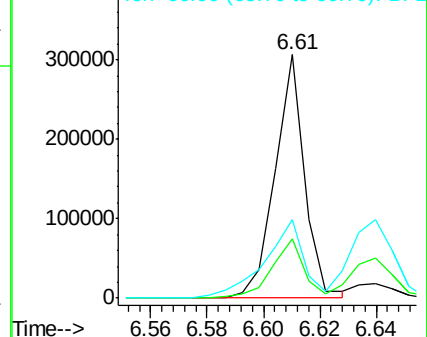
66 32.4 16.2 56.2

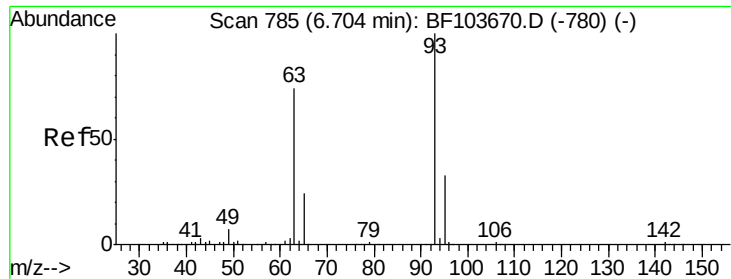


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.439 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

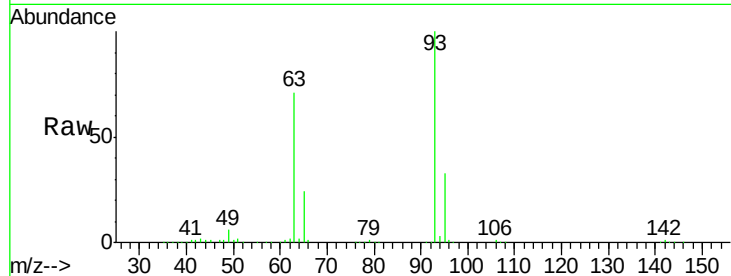
Tot Ion: 93 Resp: 453897

Ion Ratio Lower Upper

93 100

63 71.0 58.6 98.6

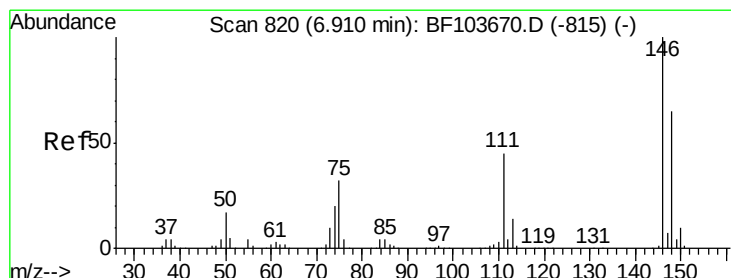
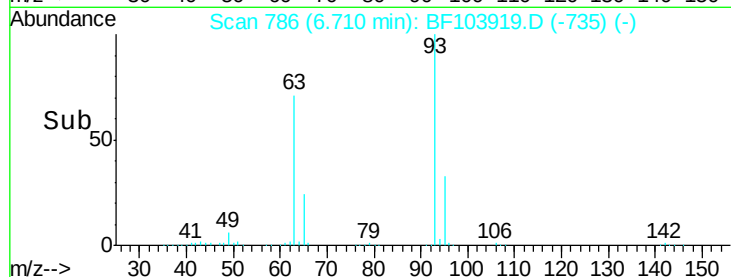
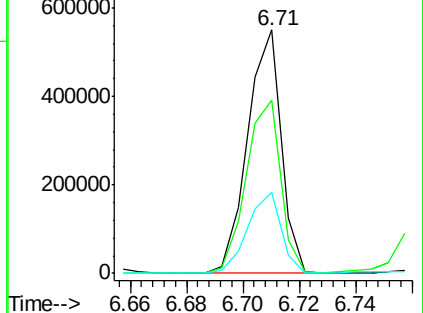
95 33.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.583 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

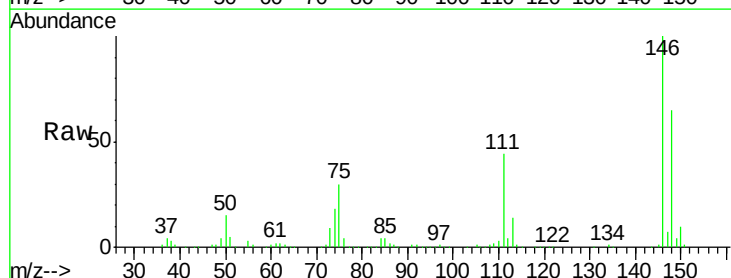
Tgt Ion: 146 Resp: 448205

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.8

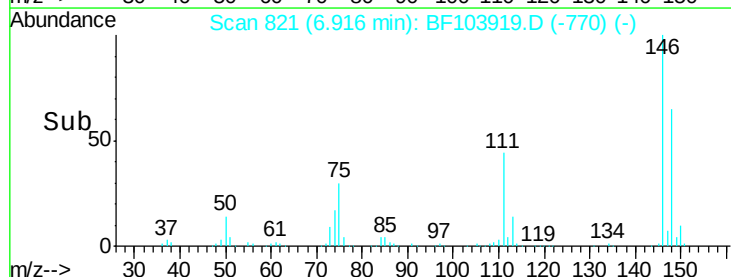
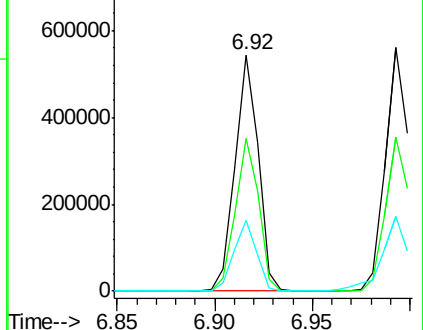
75 29.9 24.2 36.4

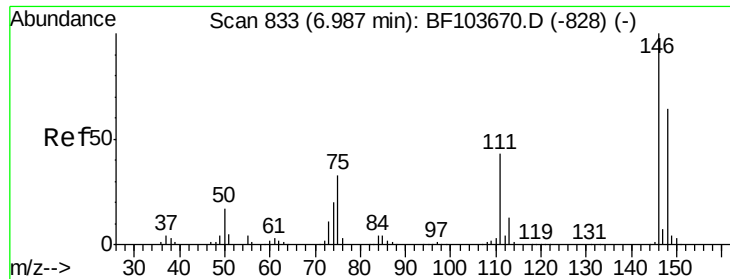


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

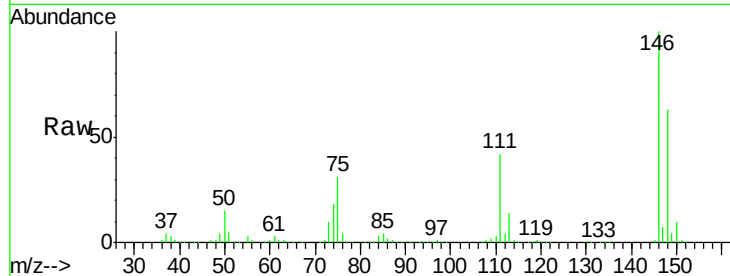




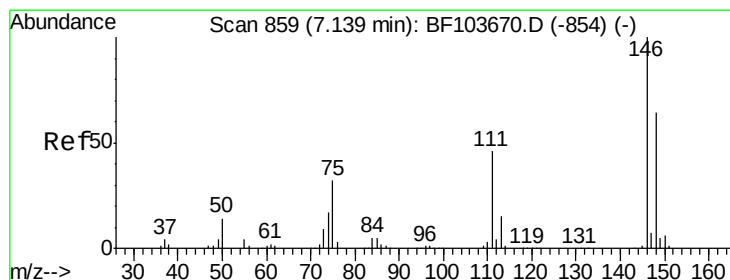
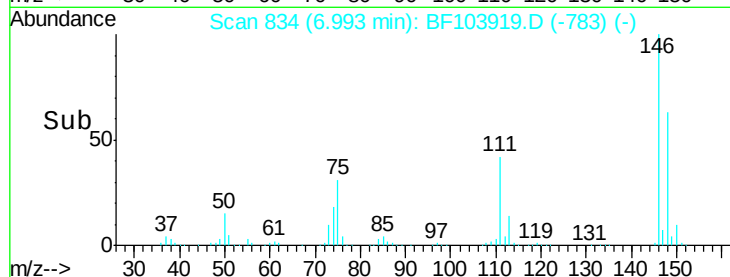
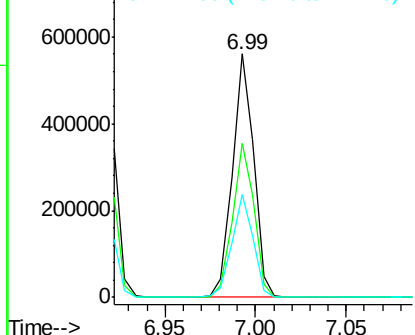
#13
 1,4-Dichlorobenzene
 Concen: 39.201 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF103919.D
 Acq: 26 Mar 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 C19013071MS

Tot Ion:146 Resp: 457601
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.8 76.2
 111 42.3 34.2 51.2

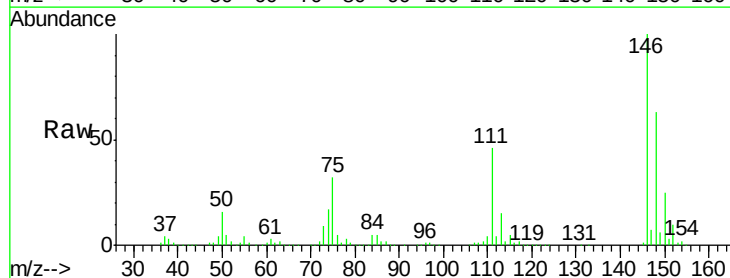


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

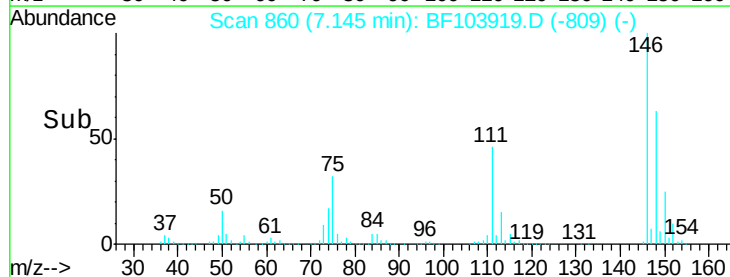
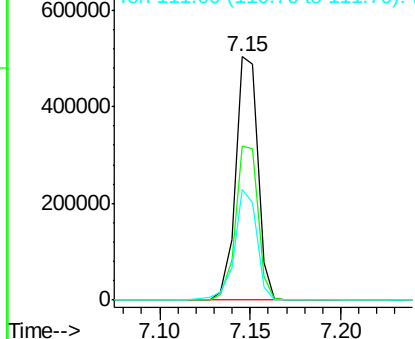


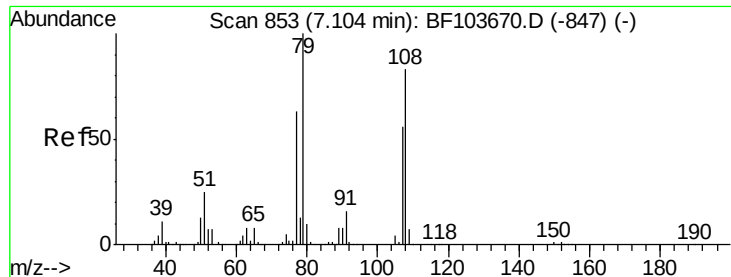
#14
 1,2-Dichlorobenzene
 Concen: 39.603 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF103919.D
 Acq: 26 Mar 2018 12:13

Tgt Ion:146 Resp: 428977
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 75.8
 111 45.5 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.835 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

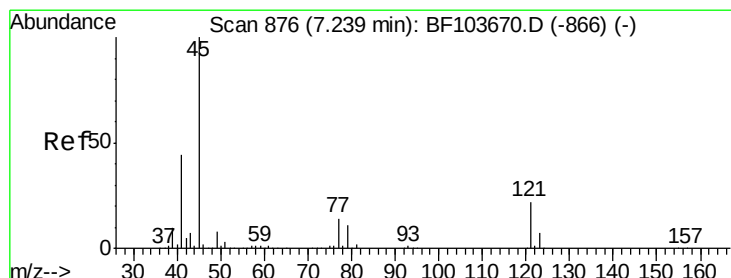
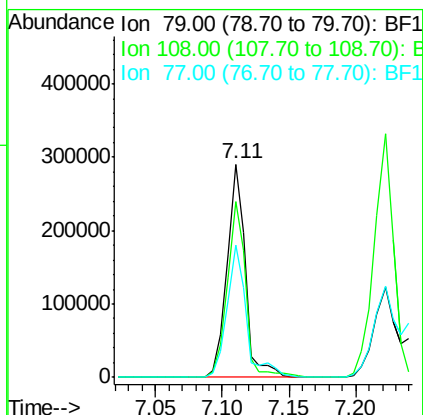
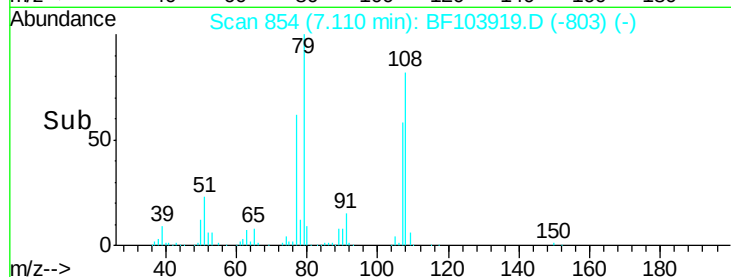
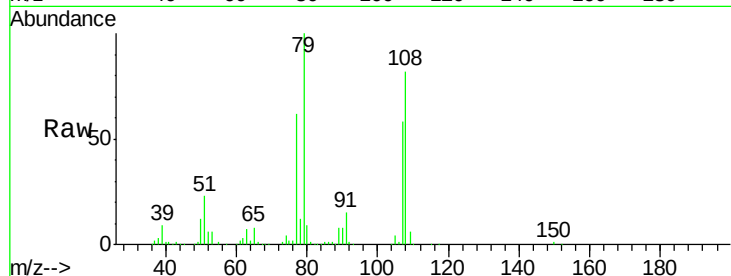
Tot Ion: 79 Resp: 284586

Ion Ratio Lower Upper

79 100

108 82.5 65.1 97.7

77 61.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.039 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

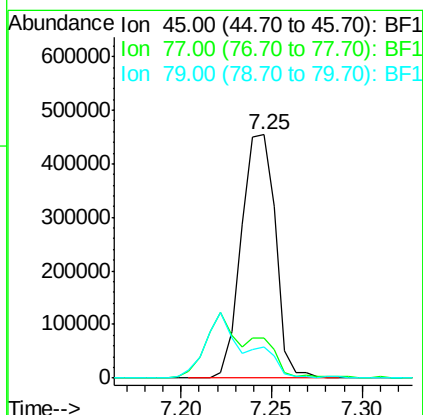
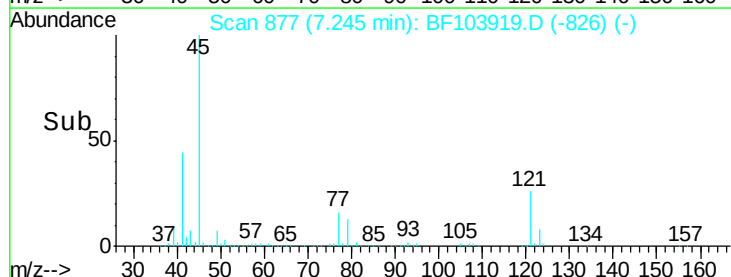
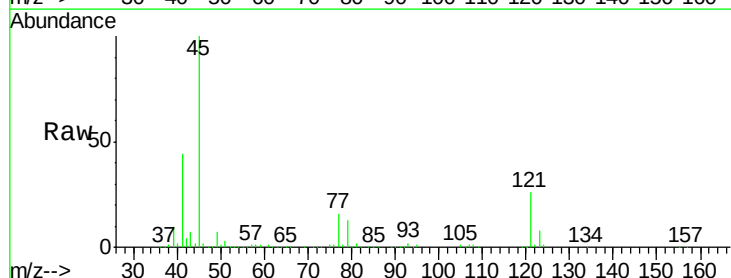
Tgt Ion: 45 Resp: 595047

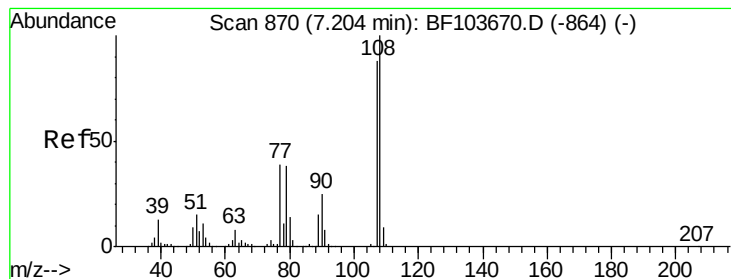
Ion Ratio Lower Upper

45 100

77 16.4 0.0 32.9

79 12.6 0.0 29.6





#17

2-Methylphenol

Concen: 32.513 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

Tot Ion:107 Resp: 295306

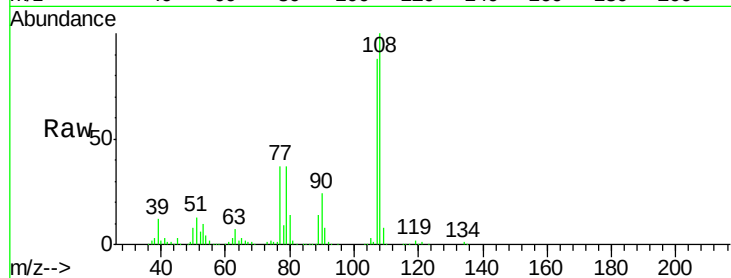
Ion Ratio Lower Upper

107 100

108 113.2 91.7 137.5

77 42.1 33.8 50.8

79 41.7 33.8 50.8

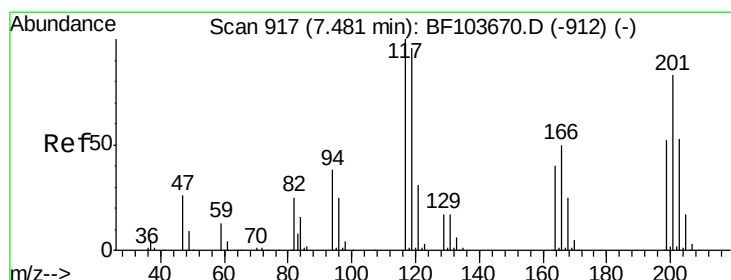
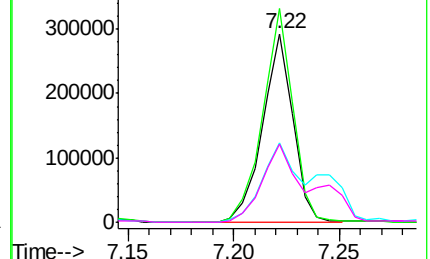
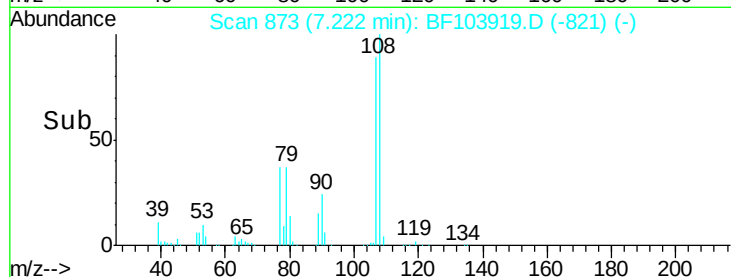


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.202 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

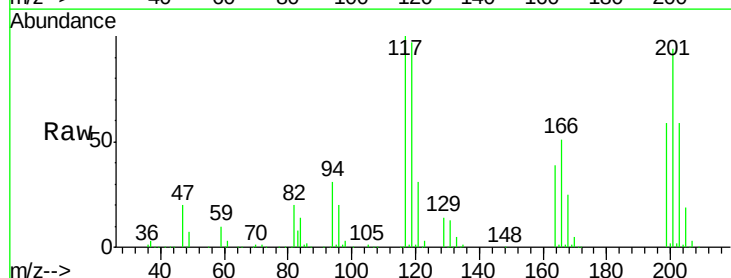
Tgt Ion:117 Resp: 165070

Ion Ratio Lower Upper

117 100

119 97.2 75.8 113.8

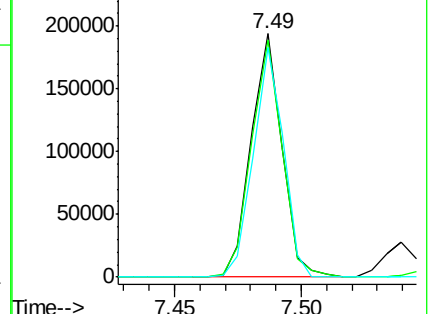
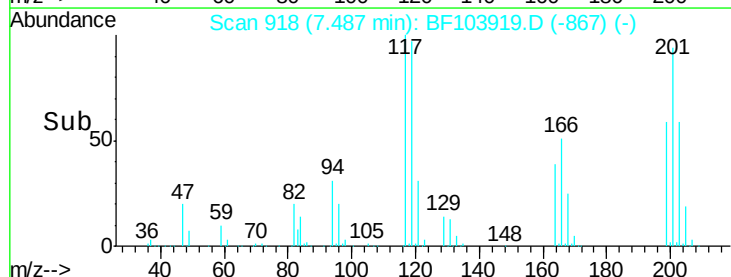
201 94.4 75.7 113.5

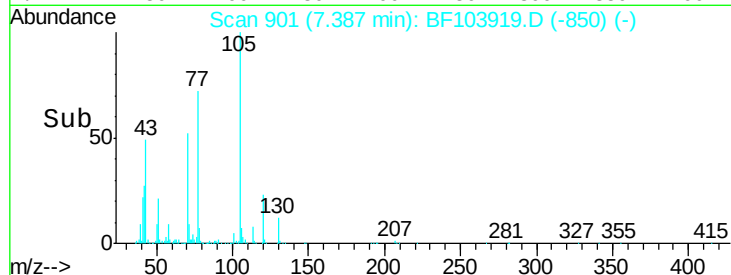
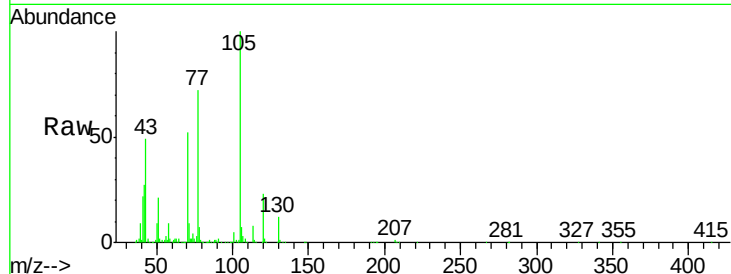
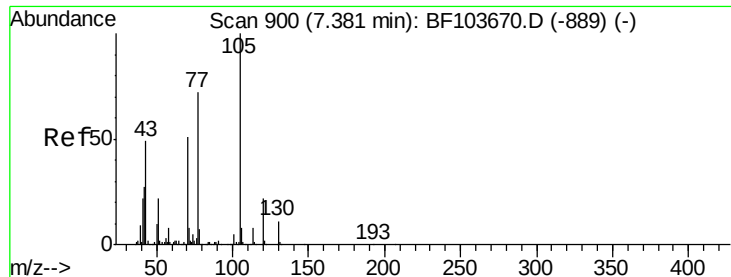


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

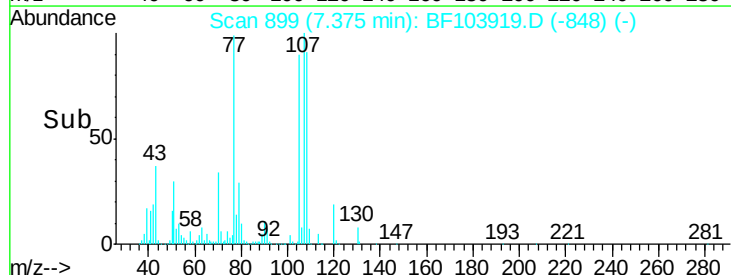
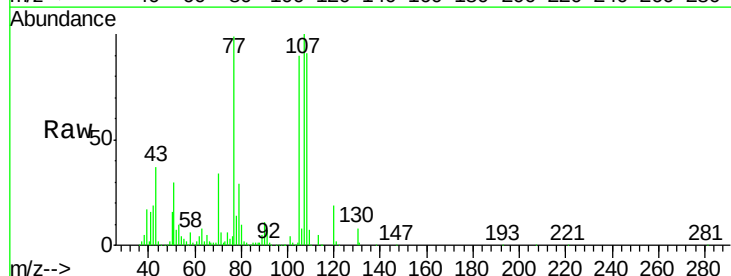
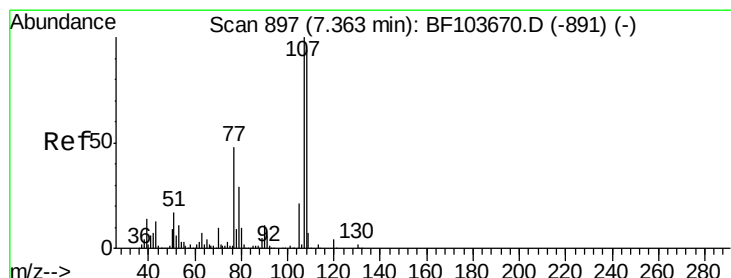
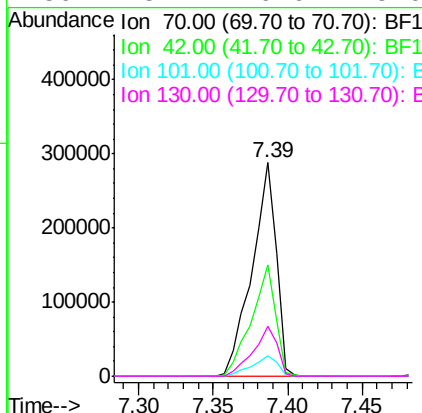




#19
n-Nitroso-di-n-propylamine
Concen: 42.270 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

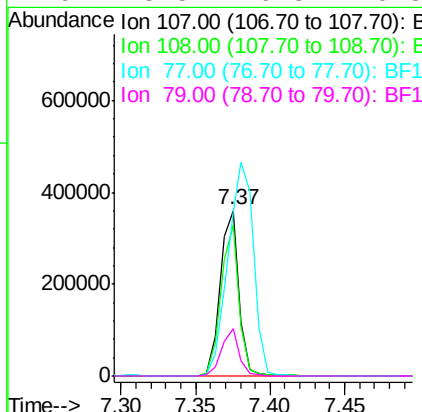
Instrument :
BNA_F
ClientSampleId :
C19013071MS

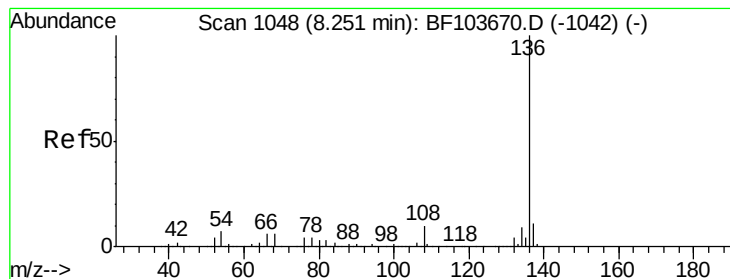
Tot Ion: 70 Resp: 322687
Ion Ratio Lower Upper
70 100
42 52.2 47.5 71.3
101 9.7 7.4 11.2
130 23.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 27.920 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Tgt Ion:107 Resp: 321834
Ion Ratio Lower Upper
107 100
108 90.8 68.2 108.2
77 98.5 26.7 66.7#
79 28.5 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

Tot Ion:136 Resp: 605161

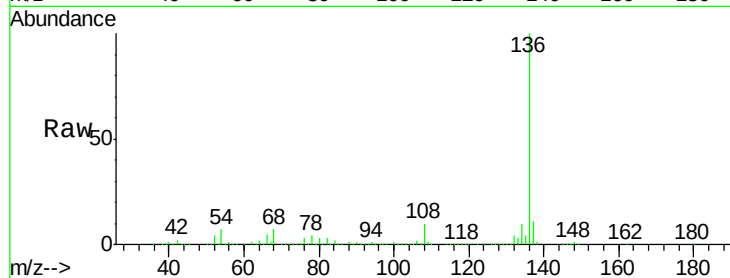
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 7.4 6.6 9.8

68 6.9 5.0 7.4

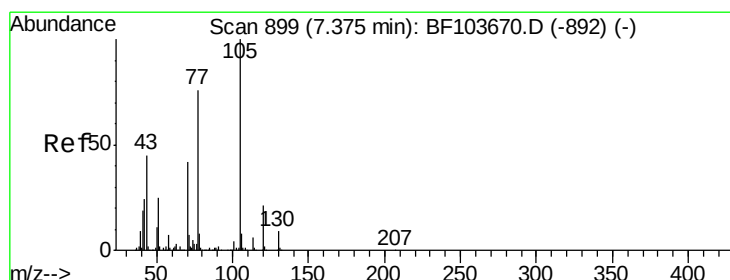
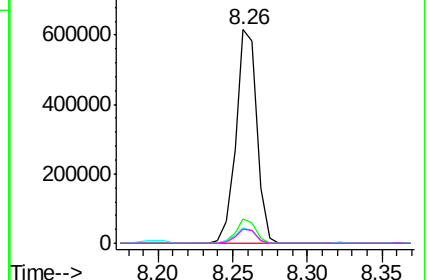
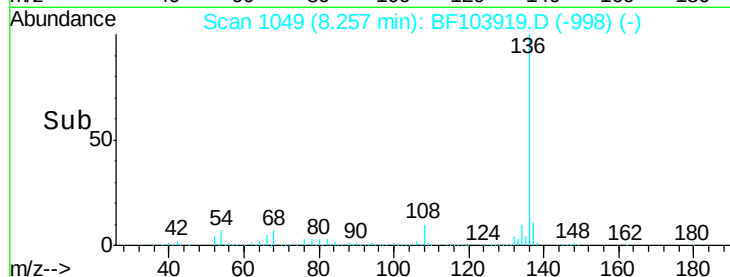


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.539 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Tgt Ion:105 Resp: 646058

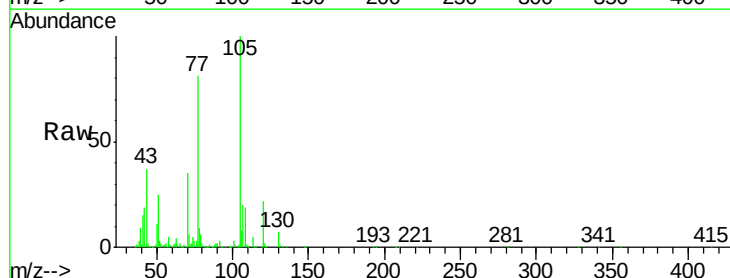
Ion Ratio Lower Upper

105 100

71 6.0 4.4 6.6

51 24.9 22.3 33.5

120 22.1 16.9 25.3

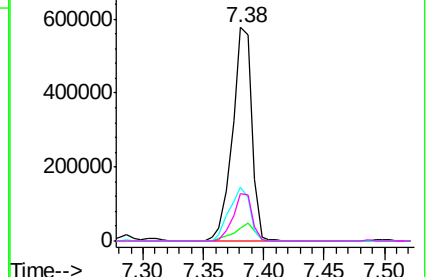
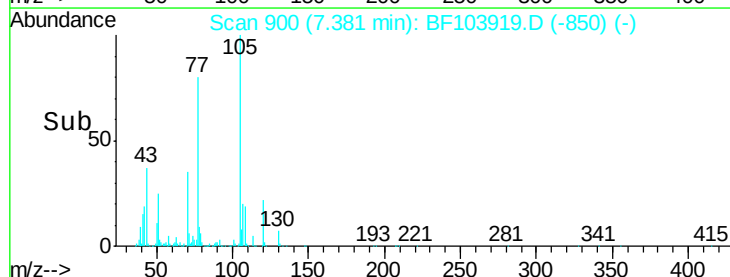


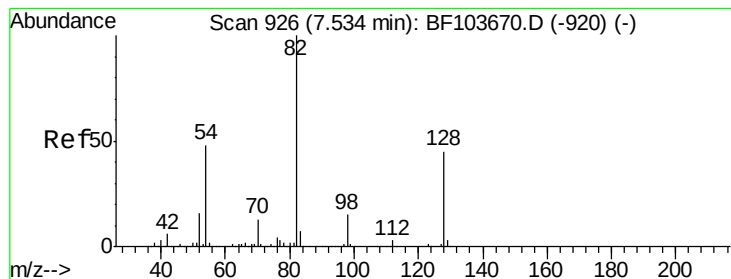
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 113.619 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

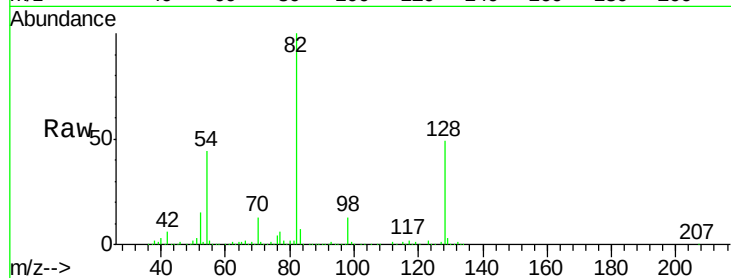
Tot Ion: 82 Resp: 985970

Ion Ratio Lower Upper

82 100

128 49.4 36.1 54.1

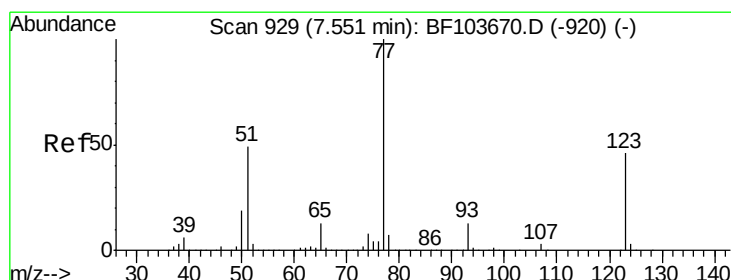
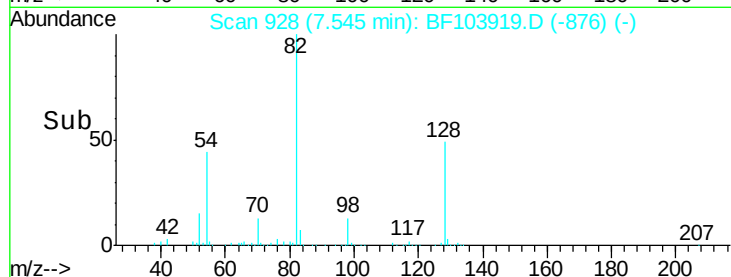
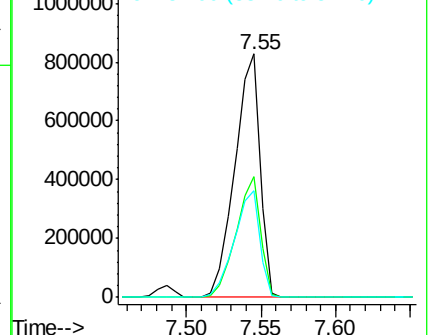
54 43.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 48.733 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

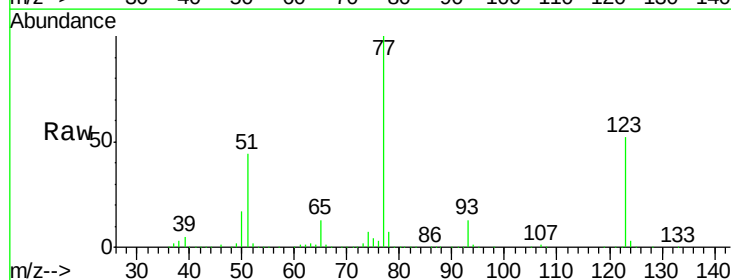
Tgt Ion: 77 Resp: 496491

Ion Ratio Lower Upper

77 100

123 51.5 37.9 56.9

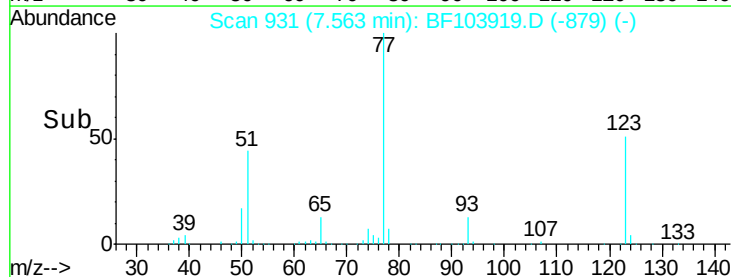
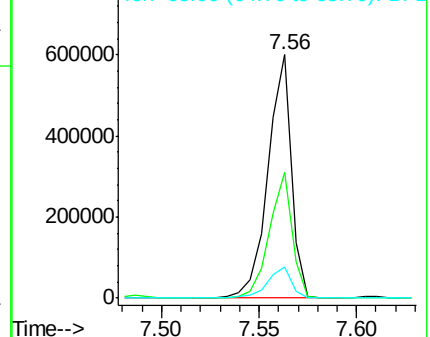
65 13.0 11.0 16.4

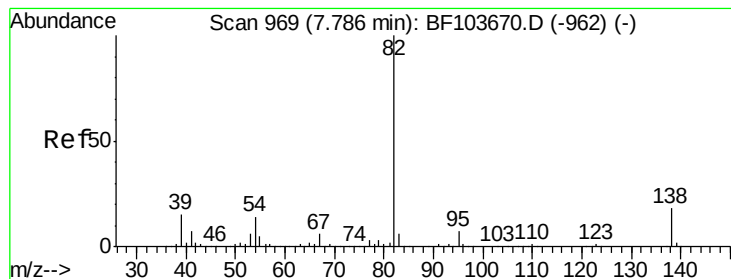


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.501 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

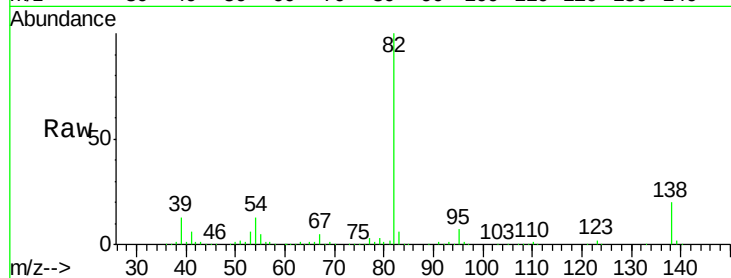
Tot Ion: 82 Resp: 934144

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

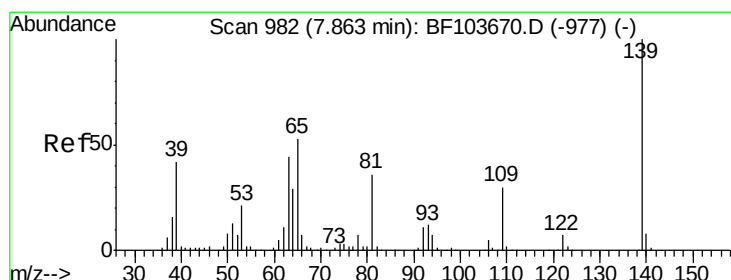
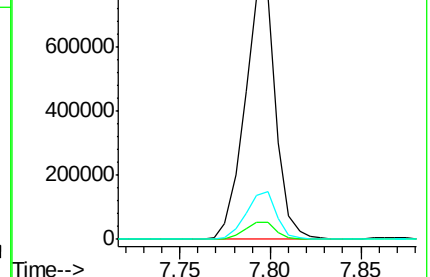
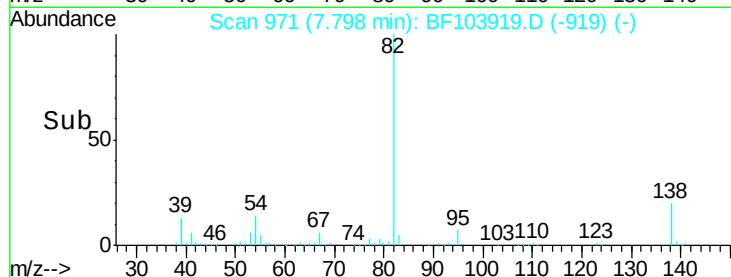
138 19.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 64.035 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

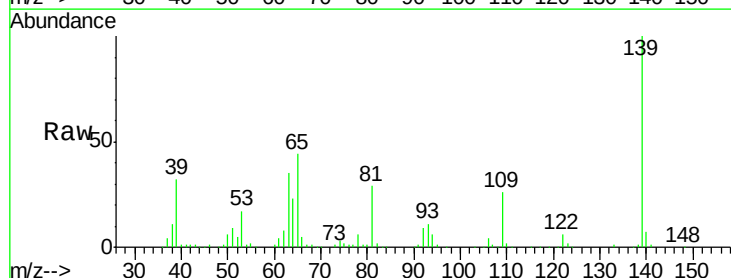
Tgt Ion: 139 Resp: 263438

Ion Ratio Lower Upper

139 100

109 26.4 22.7 34.1

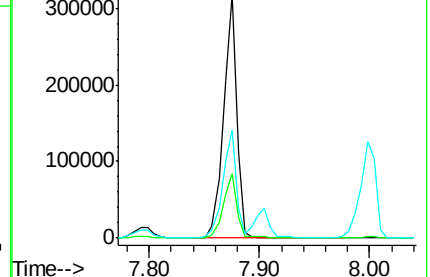
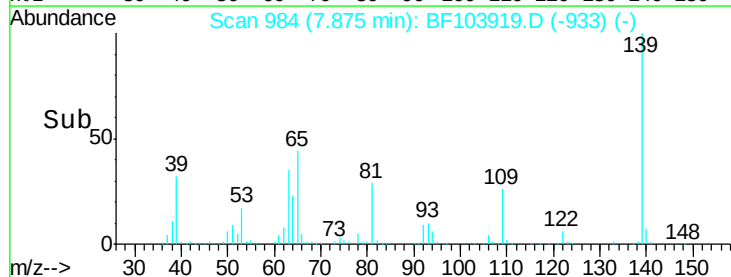
65 44.1 40.5 60.7

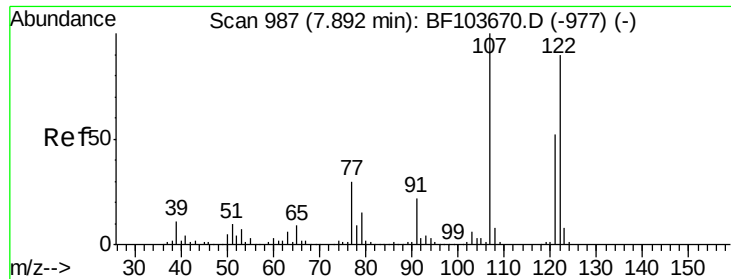


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

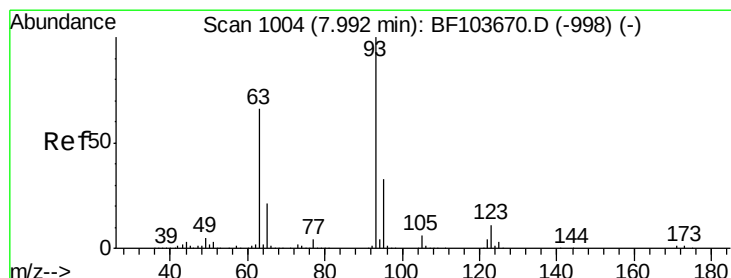
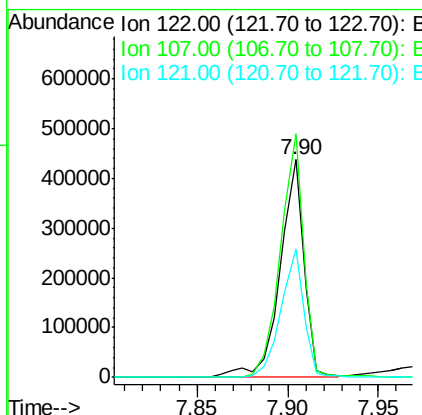
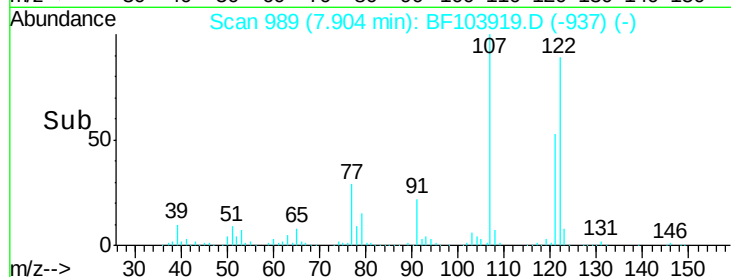
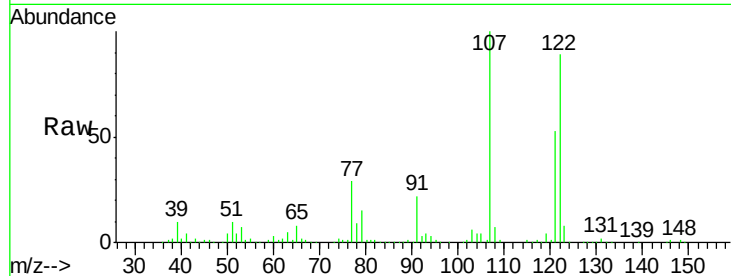




#27
2,4-Dimethylphenol
Concen: 46.806 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

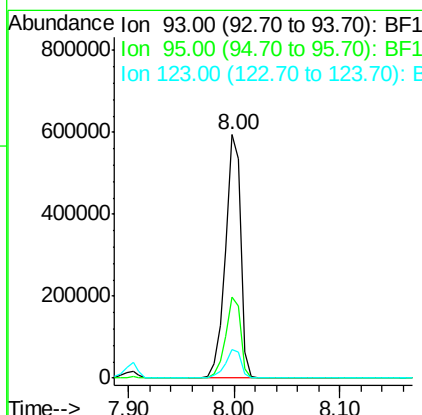
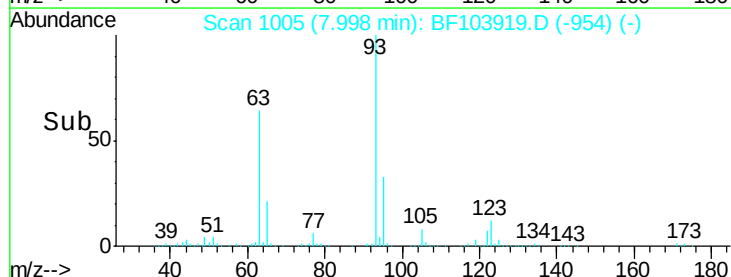
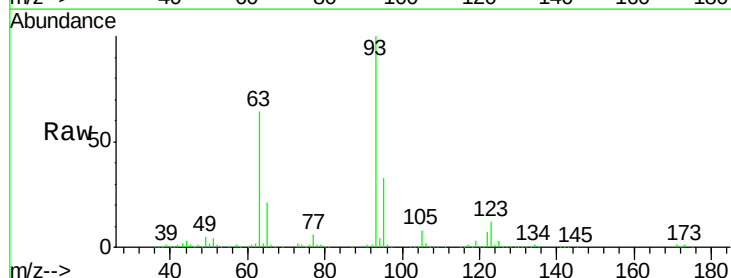
Instrument :
BNA_F
ClientSampleId :
C19013071MS

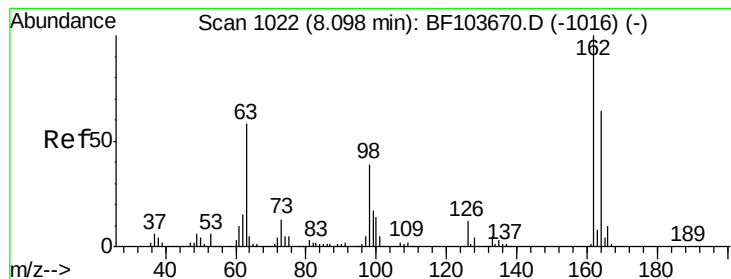
Tot Ion:122 Resp: 402811
Ion Ratio Lower Upper
122 100
107 111.9 91.2 136.8
121 58.9 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 49.073 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Tgt Ion: 93 Resp: 596949
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 11.6 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 49.346 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

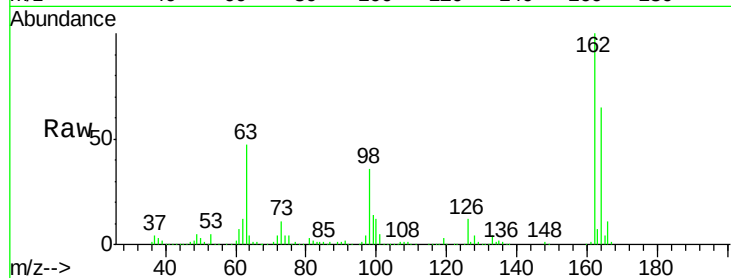
Tot Ion:162 Resp: 386365

Ion Ratio Lower Upper

162 100

164 64.9 42.7 82.7

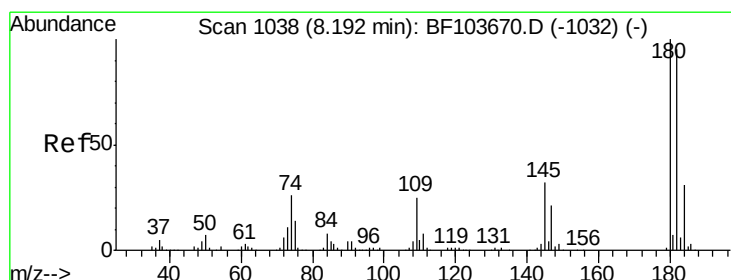
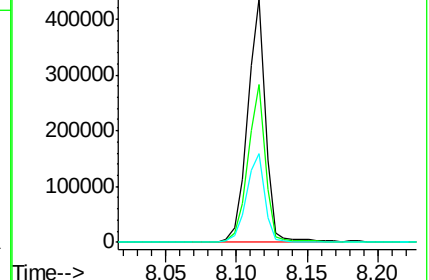
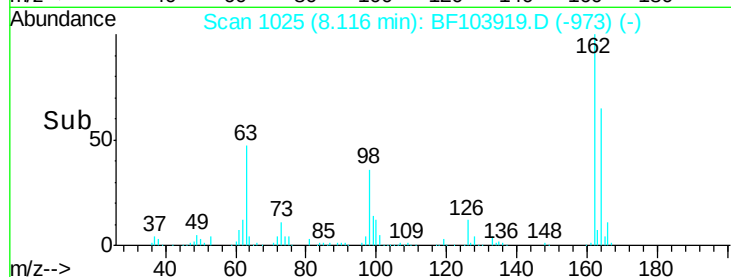
98 36.3 18.1 58.1



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): BF1



#30

1,2,4-Trichlorobenzene

Concen: 43.242 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

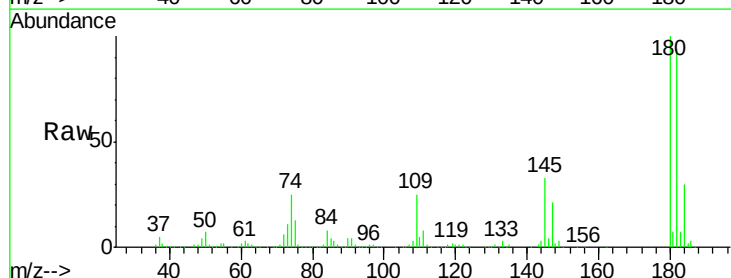
Tgt Ion:180 Resp: 392693

Ion Ratio Lower Upper

180 100

182 94.2 76.8 115.2

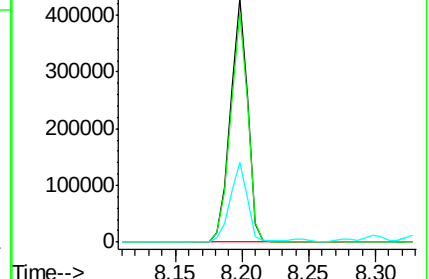
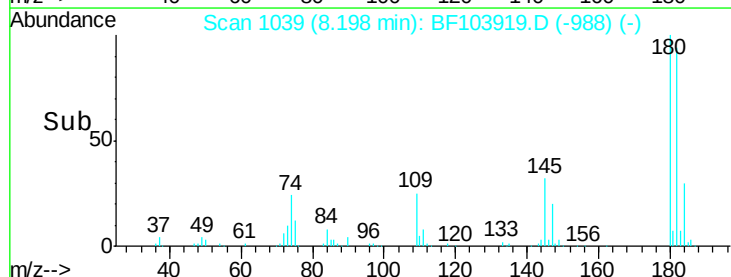
145 32.7 26.5 39.7

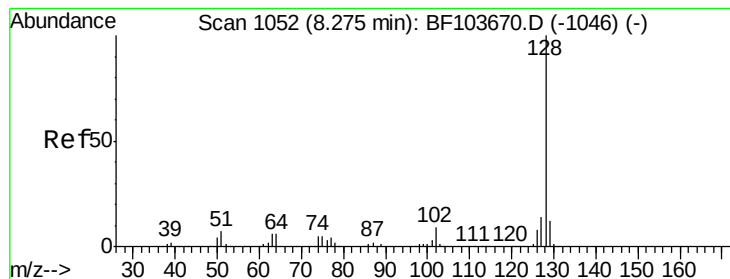


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.003 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

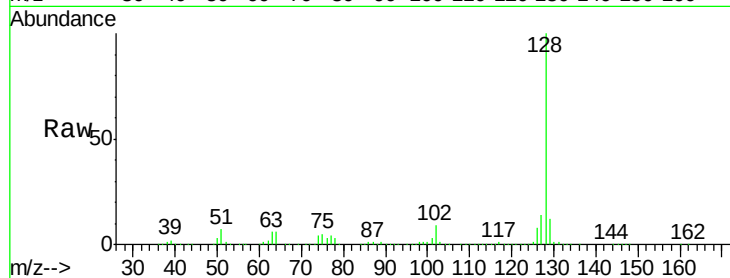
Tot Ion:128 Resp: 1314588

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

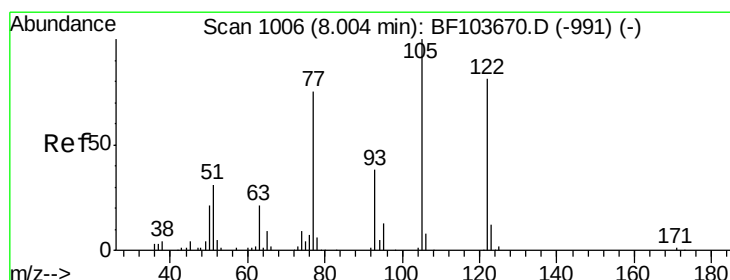
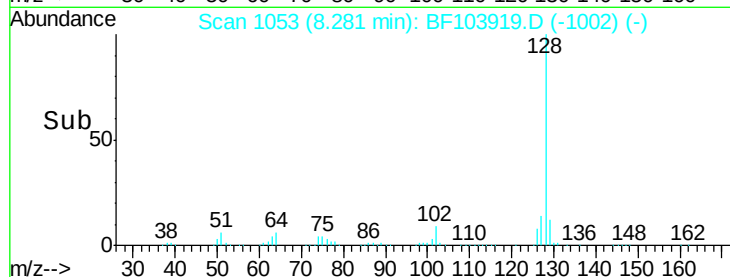
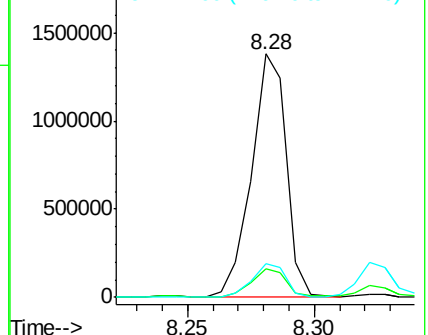
127 13.8 10.9 16.3



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: 23.151 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

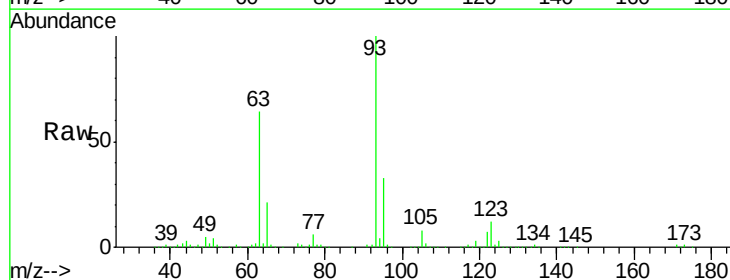
Tgt Ion:122 Resp: 101346

Ion Ratio Lower Upper

122 100

105 122.4 101.1 141.1

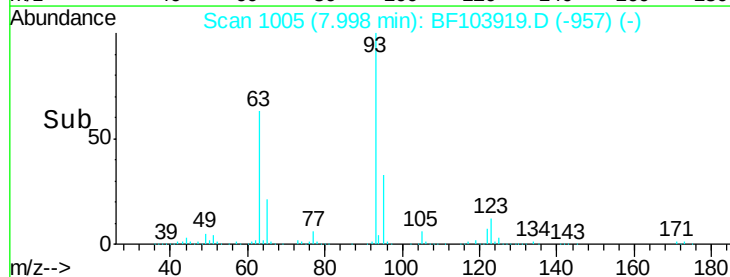
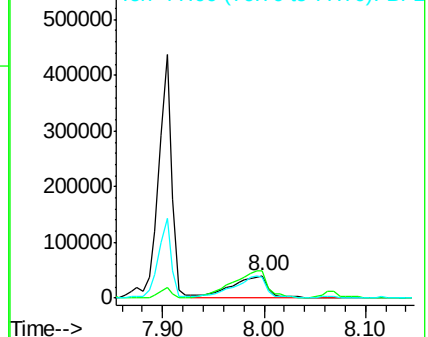
77 90.0 70.7 110.7

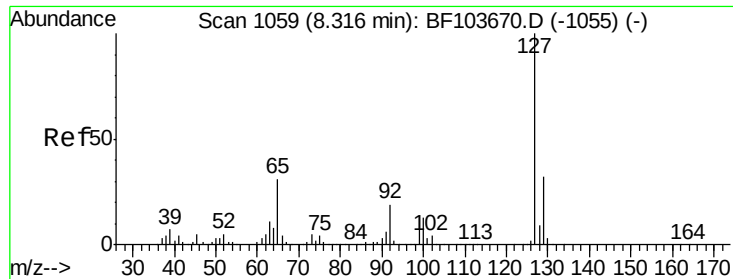


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

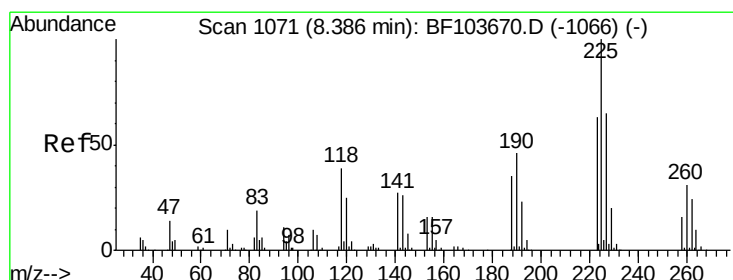
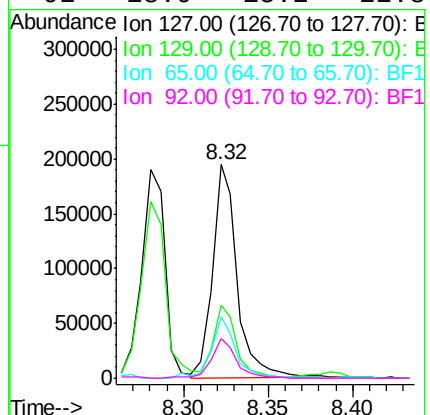
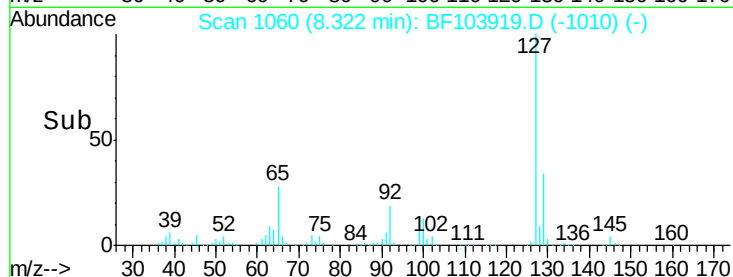
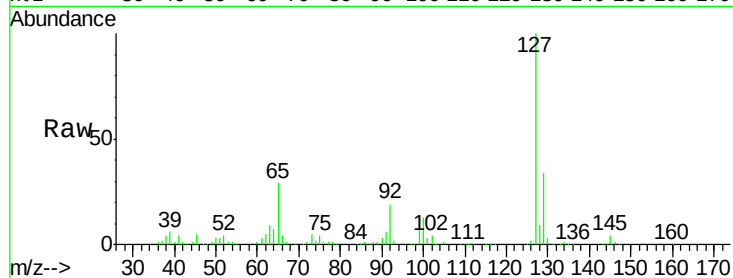




#33
4-Chloroaniline
Concen: 15.357 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

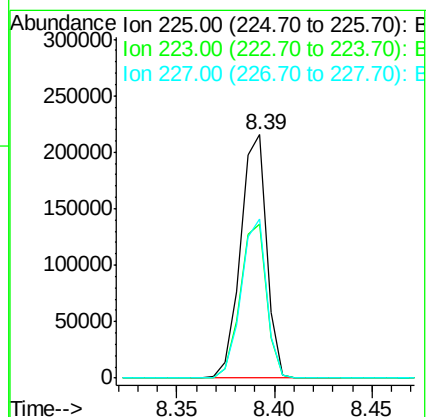
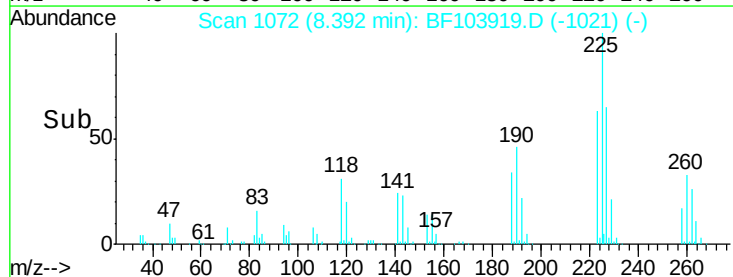
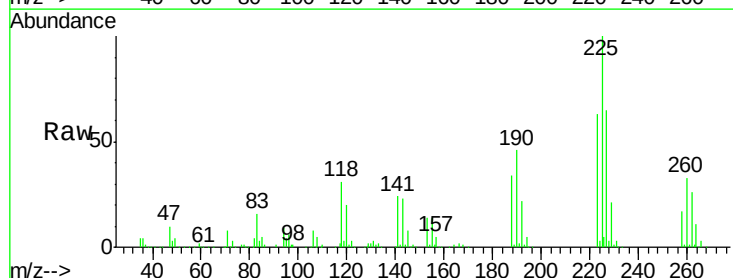
Instrument :
BNA_F
ClientSampleId :
C19013071MS

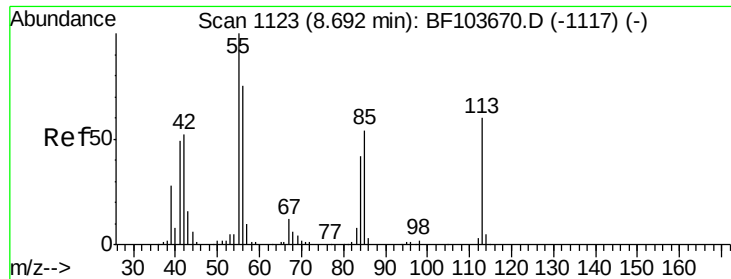
Tot Ion:	127	Resp:	196950
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.9	38.9
65	28.7	25.0	37.4
92	18.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.169 ng
RT: 8.39 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Tgt Ion:	225	Resp:	199999
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	65.3	51.9	77.9

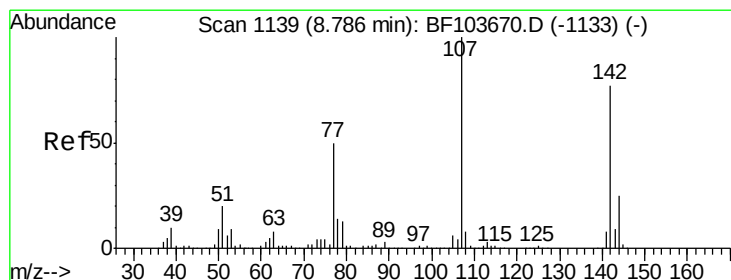
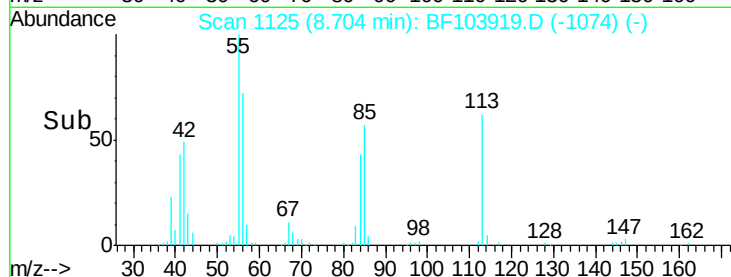
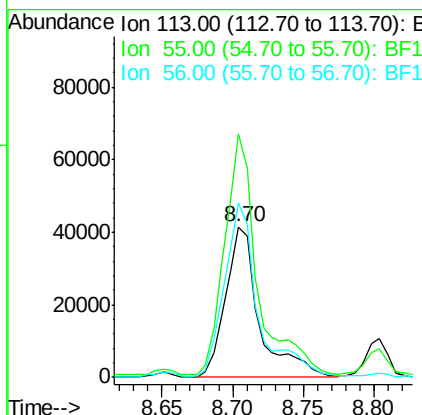
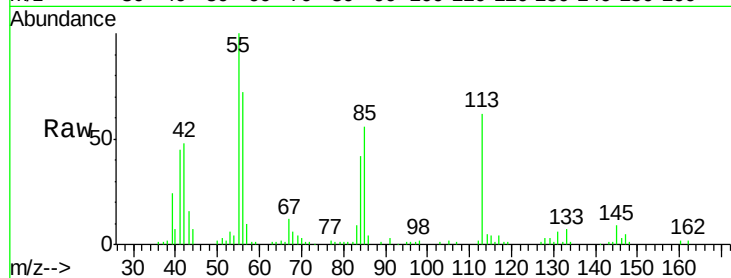




#35
Caprolactam
Concen: 25.826 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

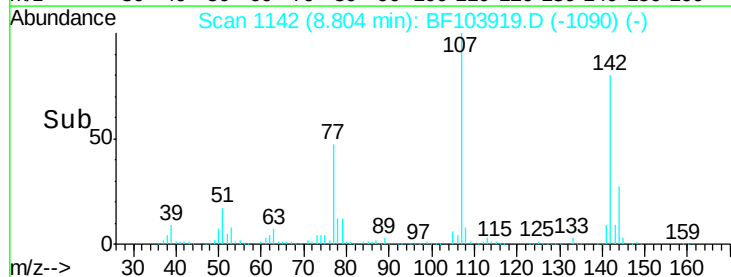
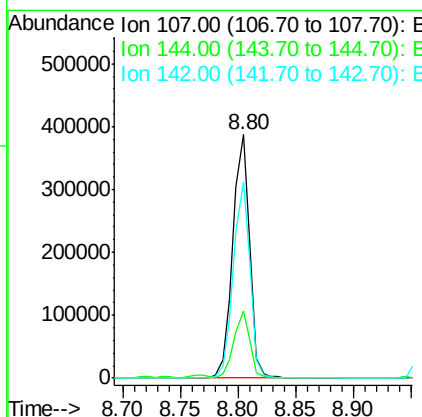
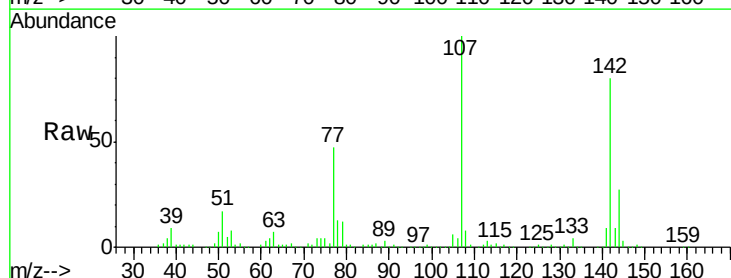
Instrument :
BNA_F
ClientSampleId :
C19013071MS

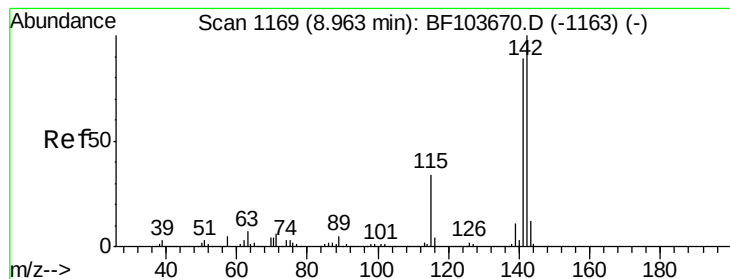
Tot Ion:113 Resp: 69629
Ion Ratio Lower Upper
113 100
55 161.7 163.3 203.3#
56 115.9 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 45.413 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Tgt Ion:107 Resp: 391987
Ion Ratio Lower Upper
107 100
144 27.4 20.5 30.7
142 80.4 62.0 93.0





#37

2-Methylnaphthalene

Concen: 46.309 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

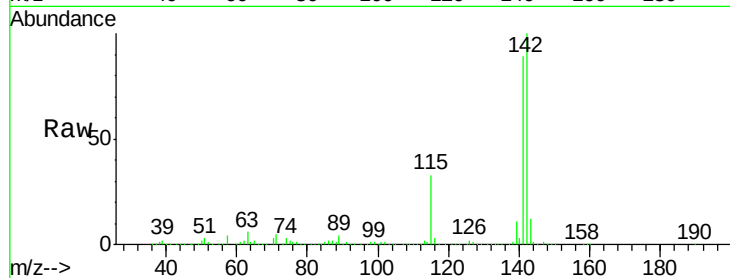
Tot Ion:142 Resp: 897748

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2

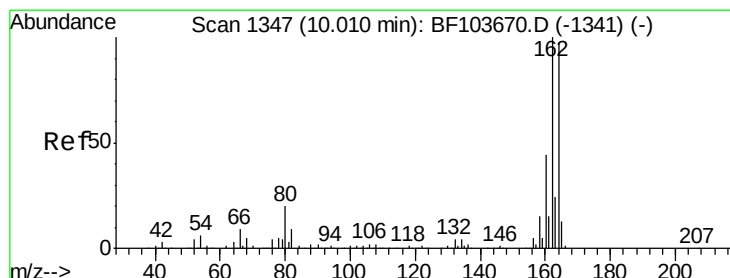
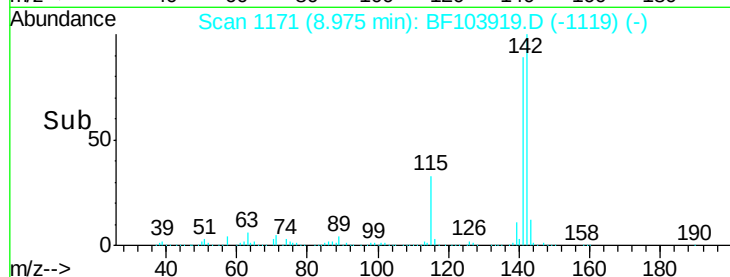
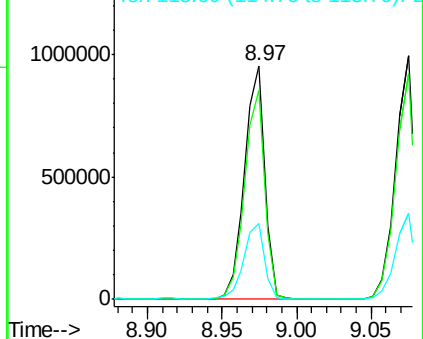
115 32.7 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

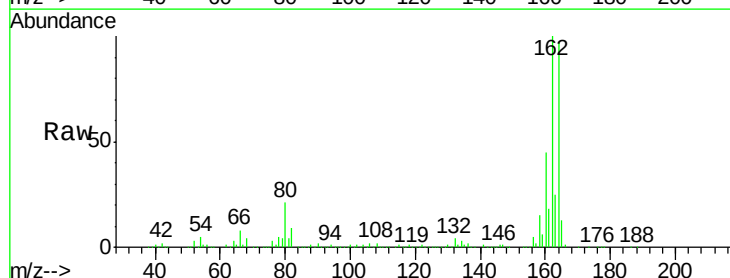
Tgt Ion:164 Resp: 291643

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

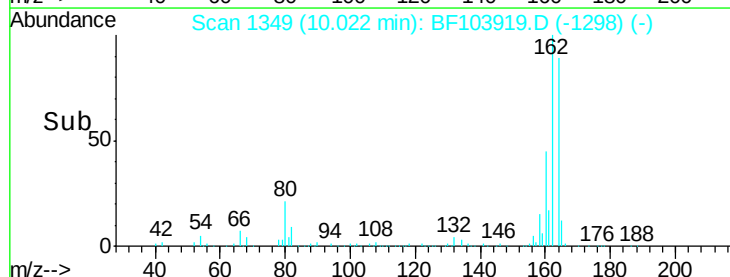
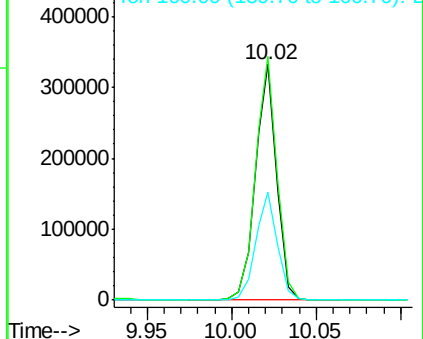
160 46.1 38.3 57.5

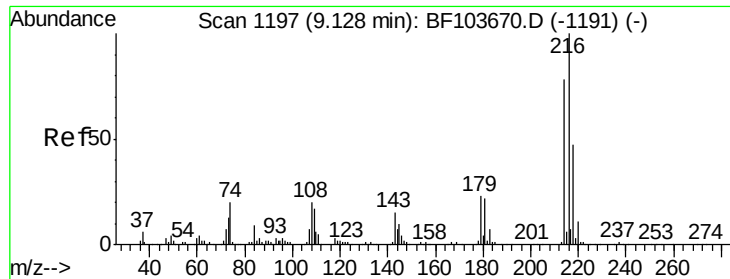


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

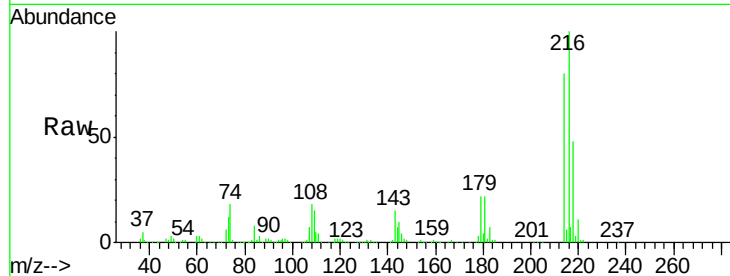




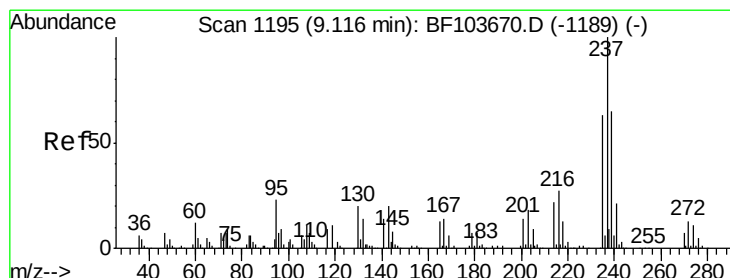
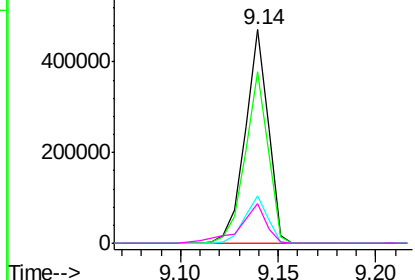
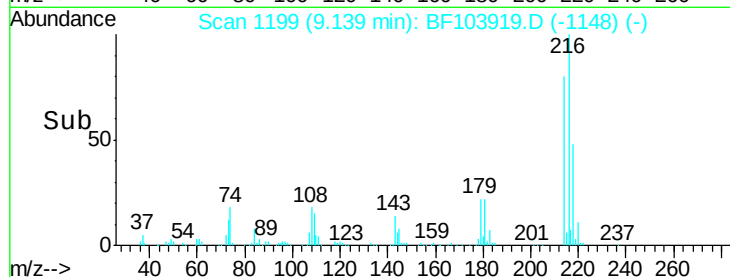
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.335 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF103919.D
 Acq: 26 Mar 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 C19013071MS

Tot Ion:216	Resp:	385514
Ion Ratio	Lower	Upper
216	100	
214	79.7	63.0 94.4
179	22.2	18.1 27.1
108	21.3	17.2 25.8

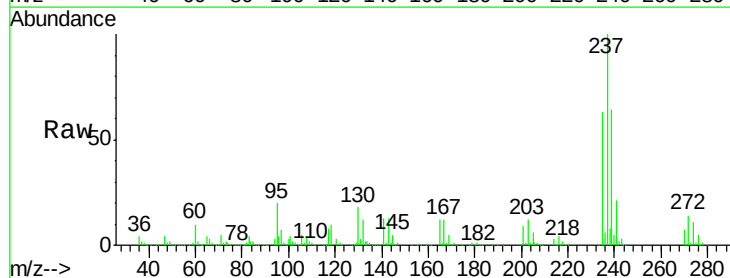


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

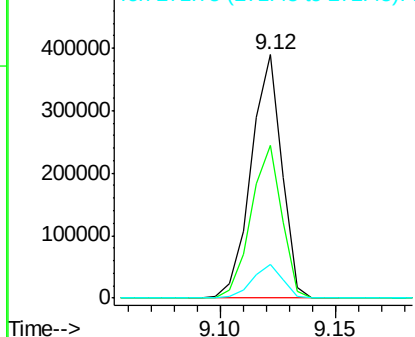
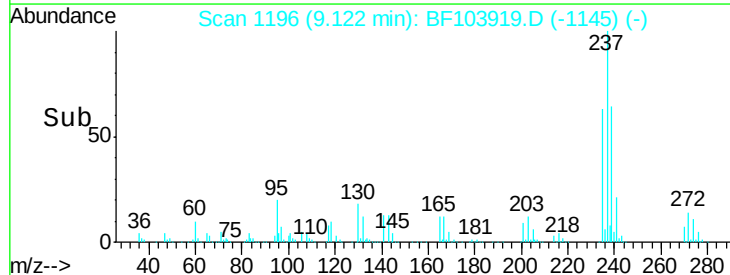


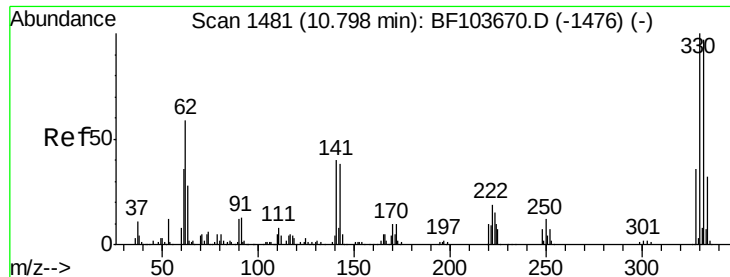
#40
 Hexachlorocyclopentadiene
 Concen: 83.928 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF103919.D
 Acq: 26 Mar 2018 12:13

Tgt Ion:237	Resp:	360325
Ion Ratio	Lower	Upper
237	100	
235	63.0	44.8 84.8
272	13.8	0.0 33.3



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

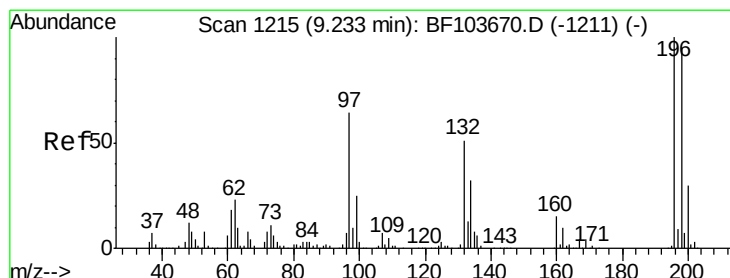
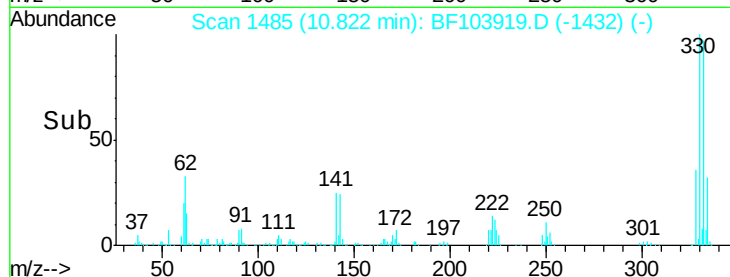
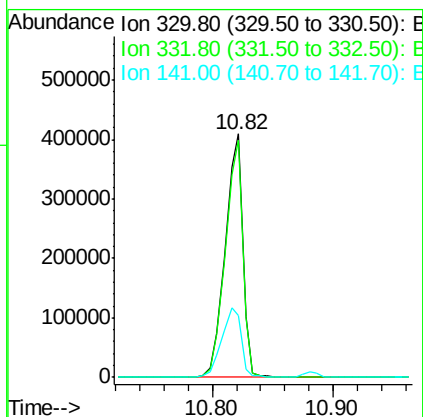
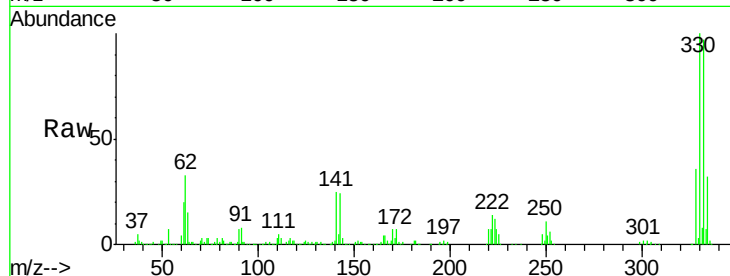




#41
 2,4,6-Tribromophenol
 Concen: 165.724 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. 0.01 min
 Lab File: BF103919.D
 Acq: 26 Mar 2018 12:13

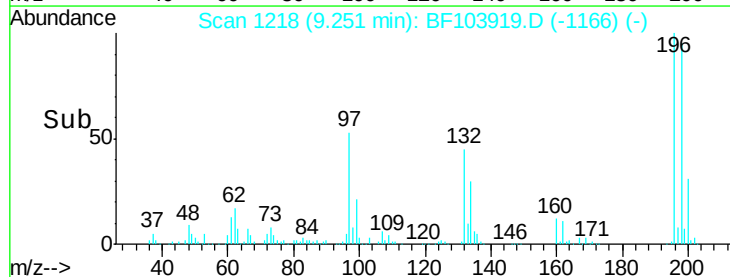
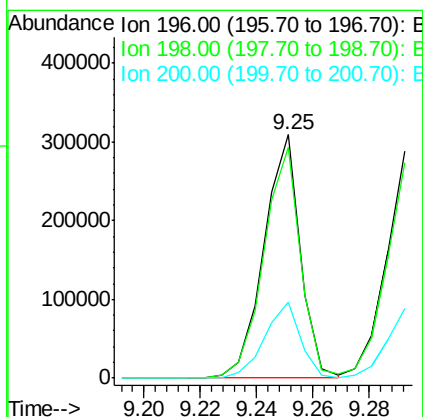
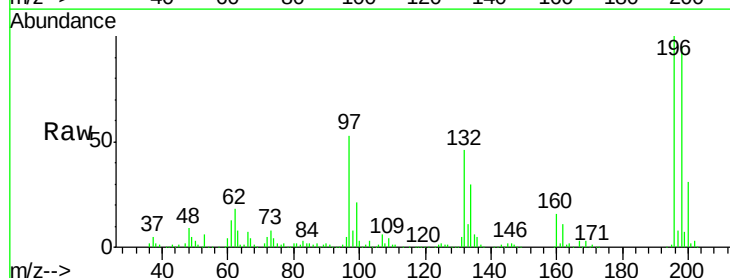
Instrument :
 BNA_F
 ClientSampleId :
 C19013071MS

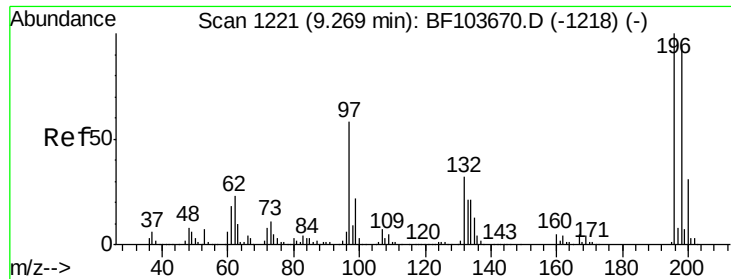
Tot Ion:330 Resp: 415564
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 31.0 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 51.949 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF103919.D
 Acq: 26 Mar 2018 12:13

Tgt Ion:196 Resp: 276464
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 200 31.3 24.5 36.7

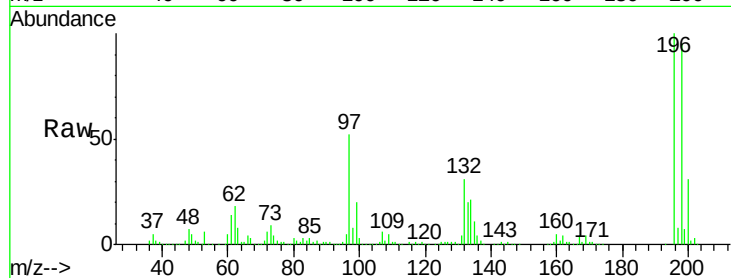




#43
2,4,5-Trichlorophenol
Concen: 49.616 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
C19013071MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.6	112.0
97	51.7	42.9	64.3
132	30.9	26.3	39.5



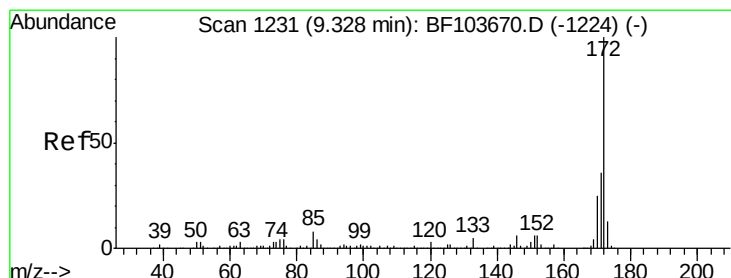
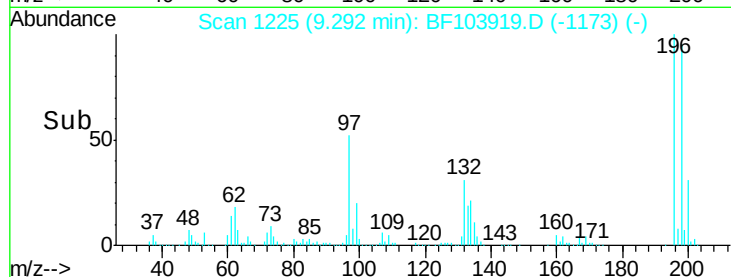
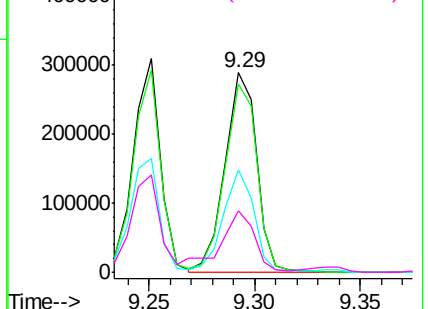
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

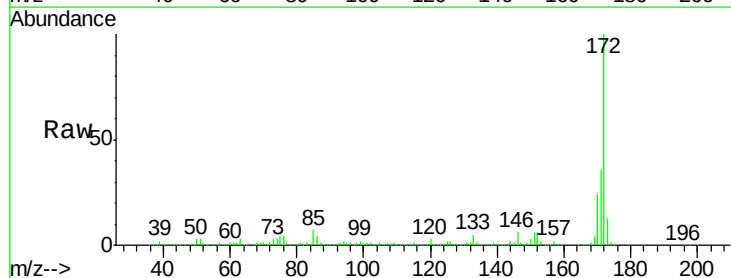
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 92.935 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4

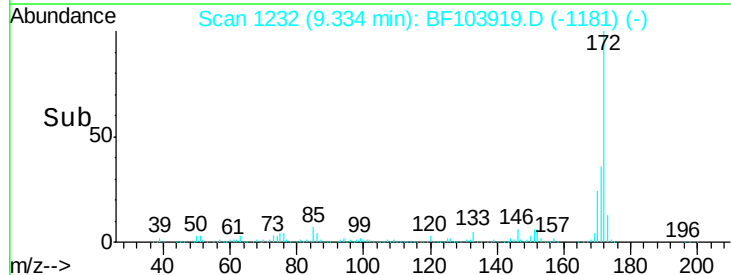
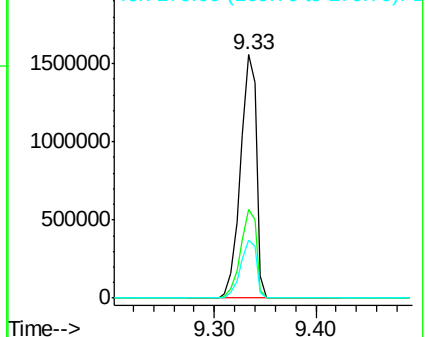


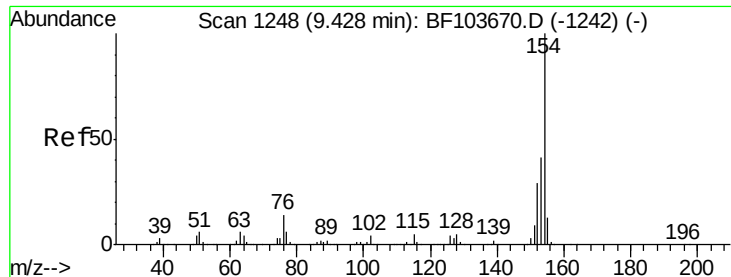
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

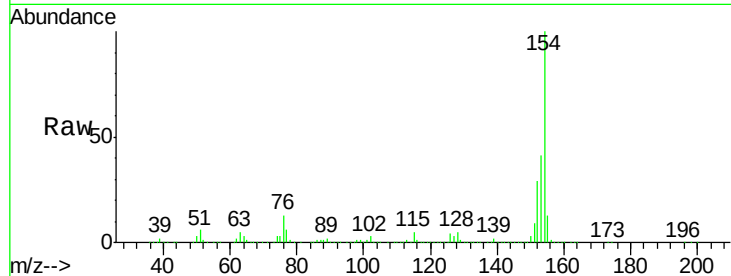




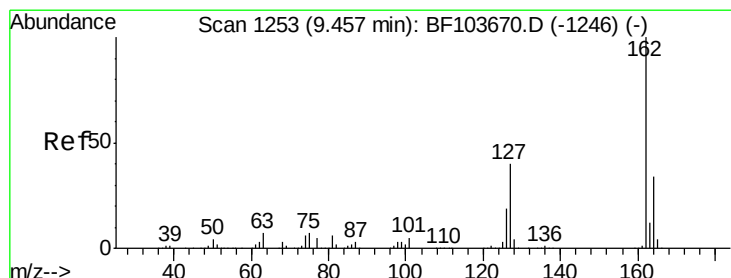
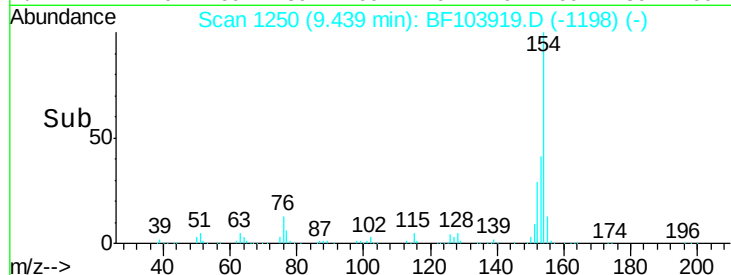
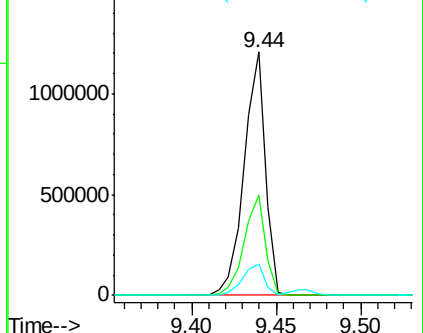
#45
1,1'-Biphenyl
Concen: 43.732 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
C19013071MS

Tot Ion:154 Resp: 1063515
Ion Ratio Lower Upper
154 100
153 41.0 21.3 61.3
76 13.0 0.0 34.0

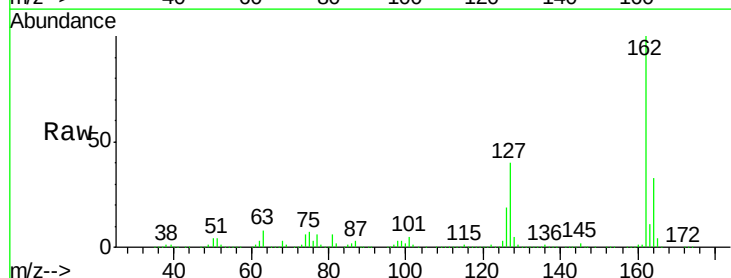


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

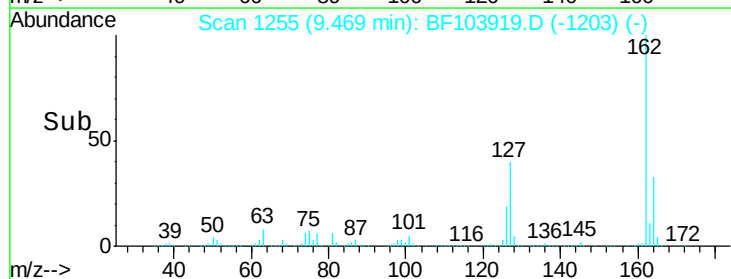
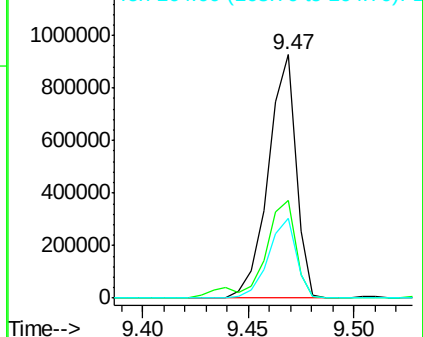


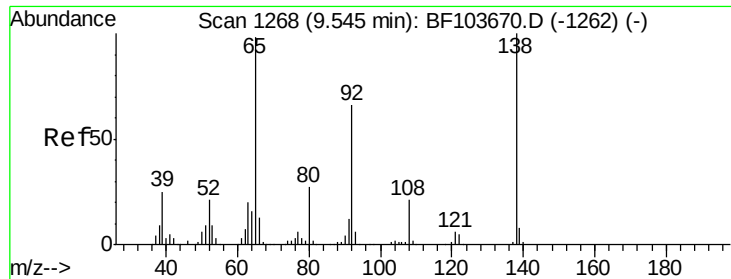
#46
2-Chloronaphthalene
Concen: 44.029 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Tgt Ion:162 Resp: 850449
Ion Ratio Lower Upper
162 100
127 40.1 33.9 50.9
164 32.9 26.5 39.7



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





#47

2-Nitroaniline

Concen: 52.229 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

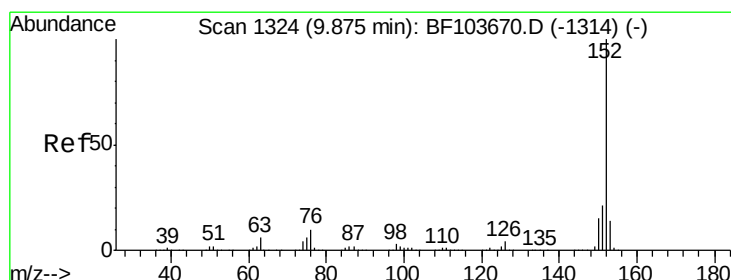
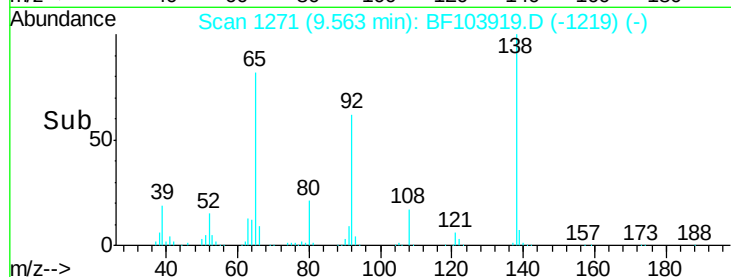
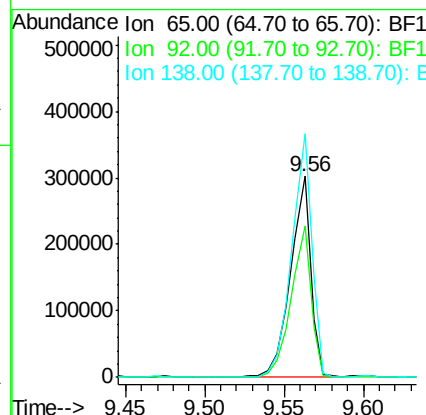
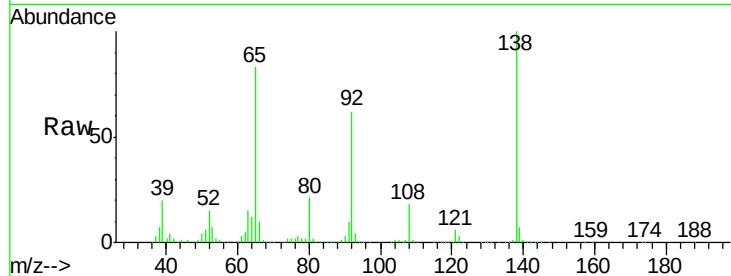
Tot Ion: 65 Resp: 267446

Ion Ratio Lower Upper

65 100

92 75.2 55.8 83.6

138 121.1 91.2 136.8



#48

Acenaphthylene

Concen: 43.060 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

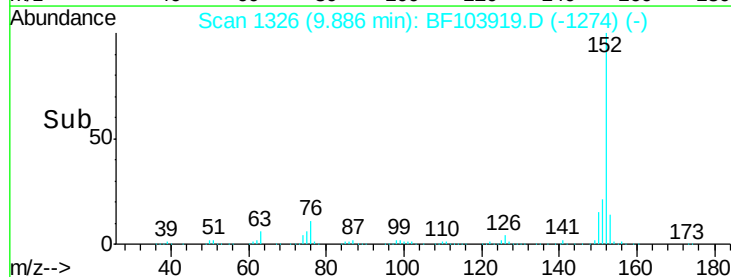
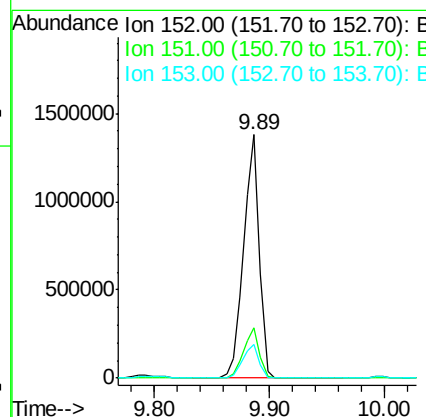
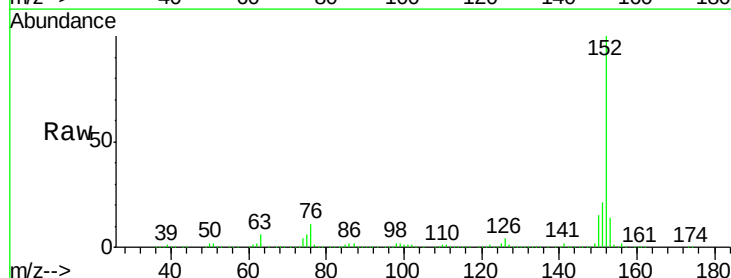
Tgt Ion: 152 Resp: 1289728

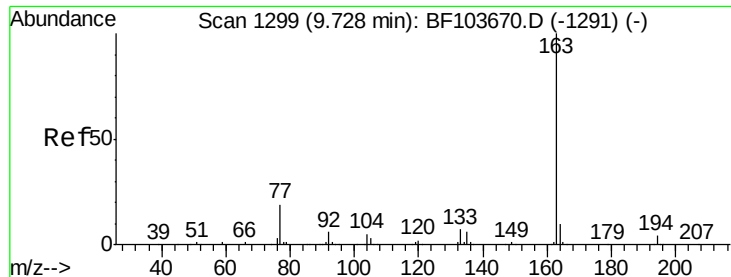
Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 13.6 10.7 16.1

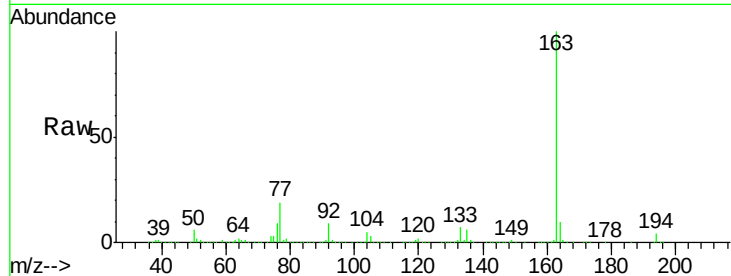




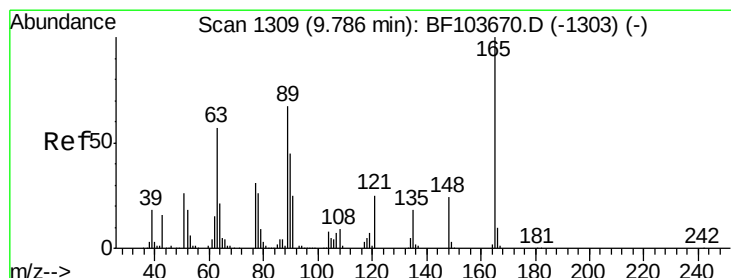
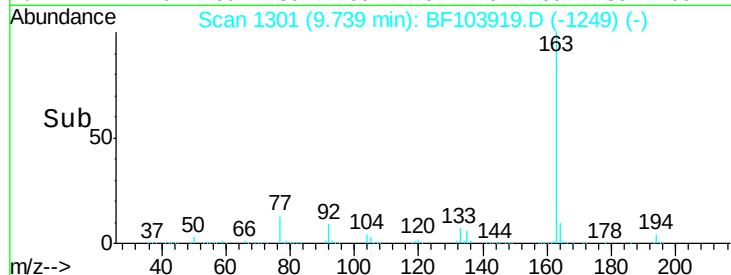
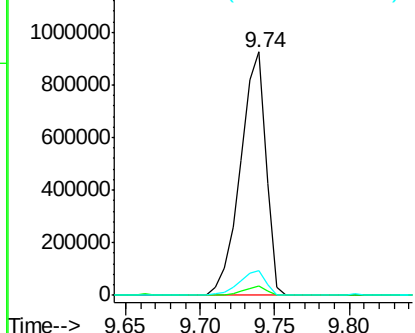
#49
Dimethylphthalate
Concen: 49.409 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
C19013071MS

Tot Ion:163 Resp: 1099399
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.3 8.2 12.2

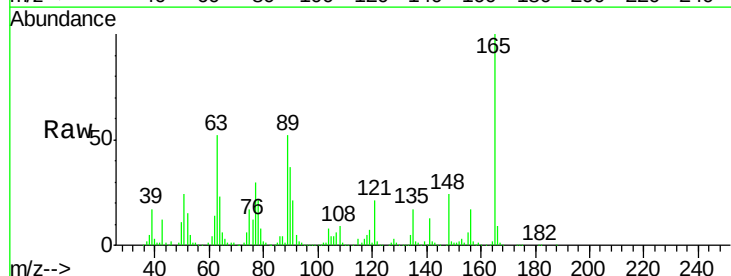


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

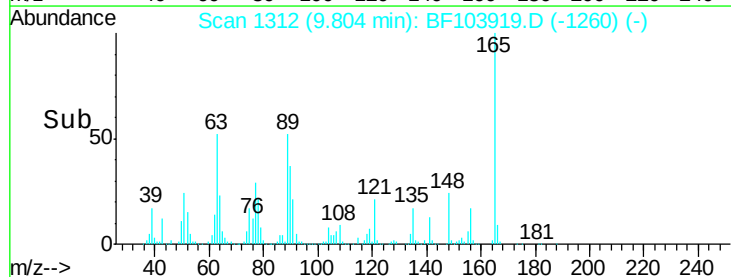
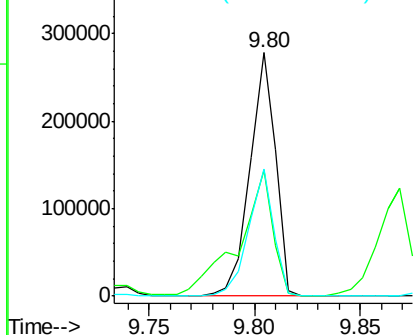


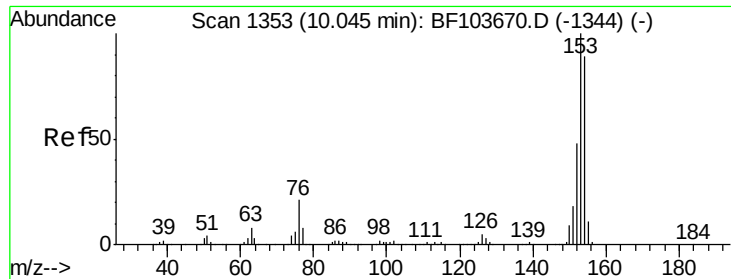
#50
2,6-Dinitrotoluene
Concen: 54.277 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Tgt Ion:165 Resp: 236073
Ion Ratio Lower Upper
165 100
63 51.7 44.7 67.1
89 52.1 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 43.949 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

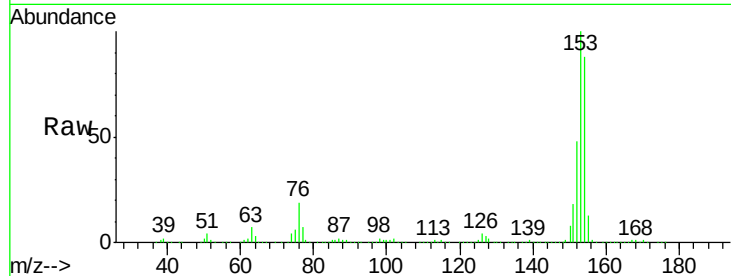
Tot Ion:154 Resp: 781620

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

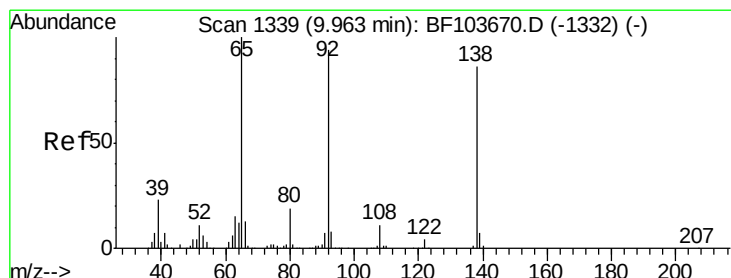
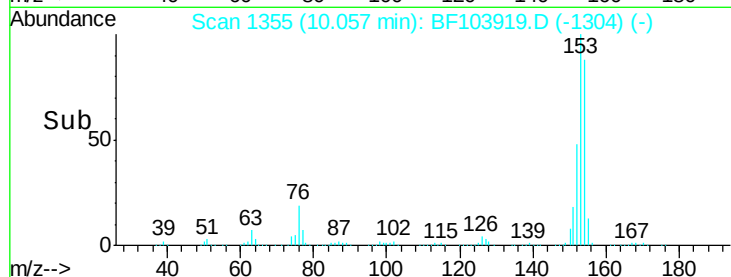
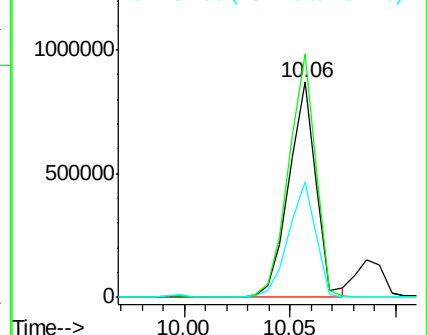
152 54.1 43.8 65.8



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



#52

3-Nitroaniline

Concen: 29.700 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

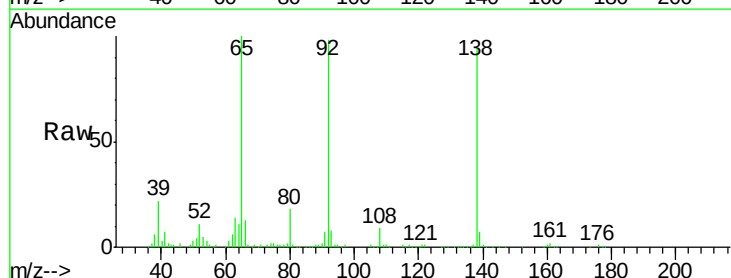
Tgt Ion:138 Resp: 145061

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

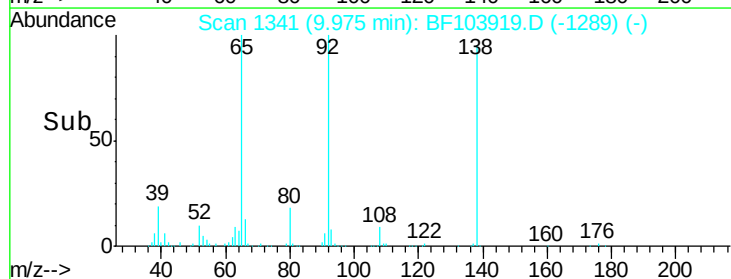
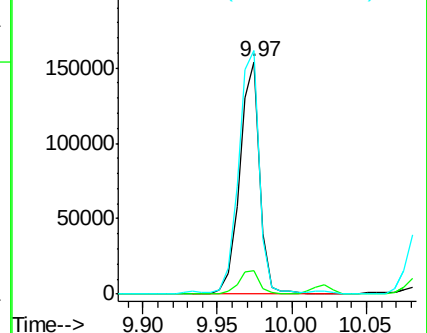
92 104.6 89.4 134.2

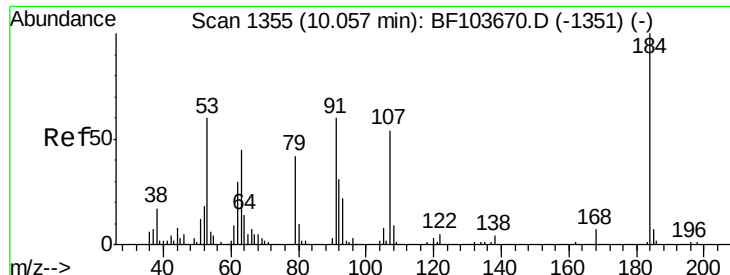


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

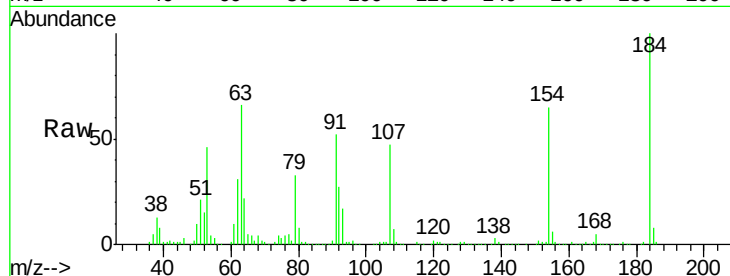




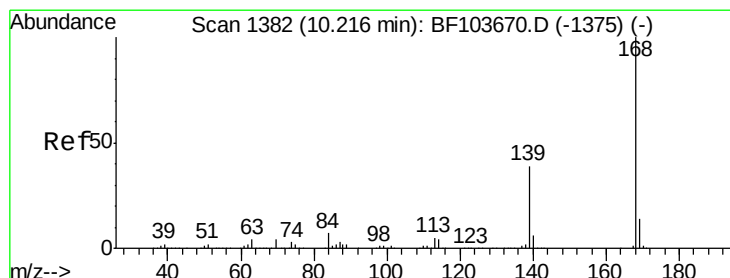
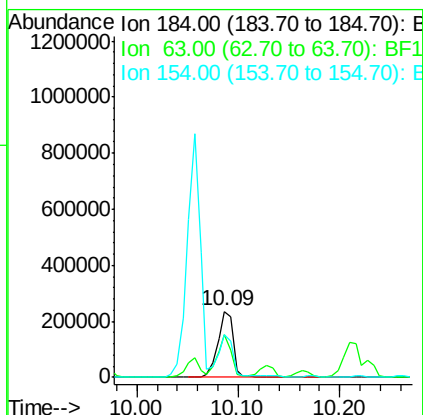
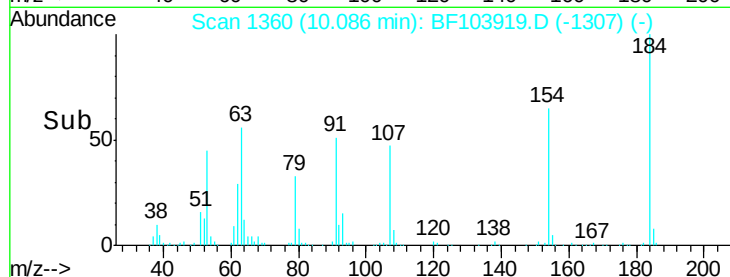
#53
2,4-Dinitrophenol
Concen: 128.788 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
C19013071MS

Tot Ion:184 Resp: 251551
Ion Ratio Lower Upper
184 100
63 65.6 54.2 81.2
154 65.4 184.0 276.0#

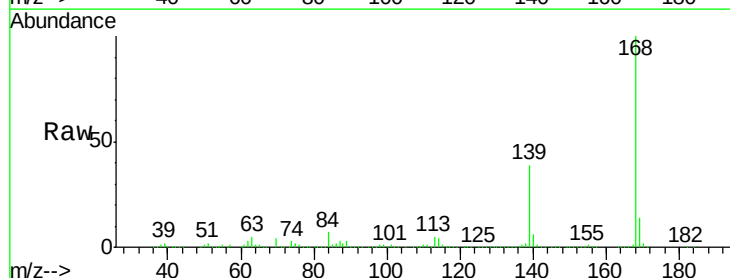


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

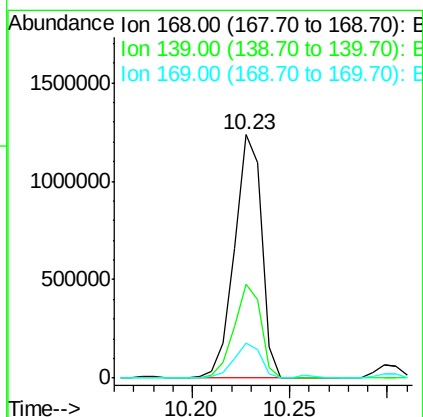
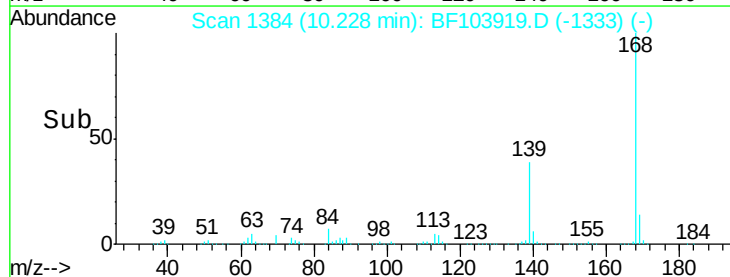


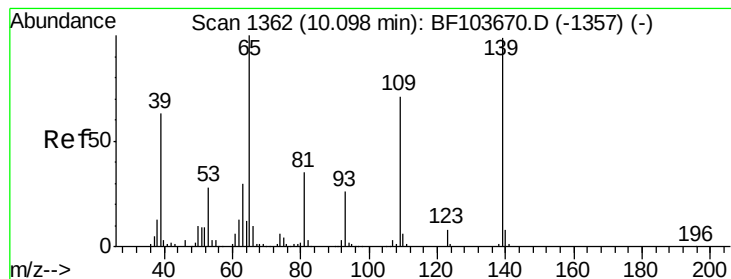
#54
Dibenzofuran
Concen: 46.963 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Tgt Ion:168 Resp: 1192891
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 14.1 10.9 16.3



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





#55

4-Nitrophenol

Concen: 46.787 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

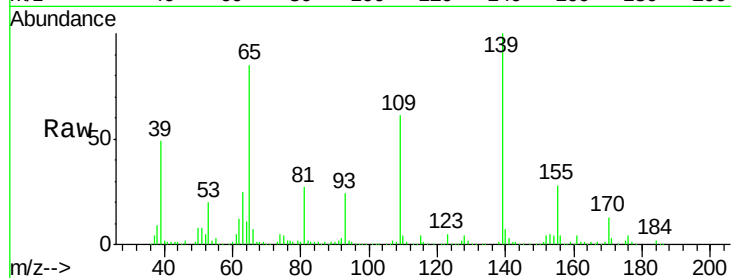
Tot Ion:139 Resp: 181635

Ion Ratio Lower Upper

139 100

109 60.9 48.4 88.4

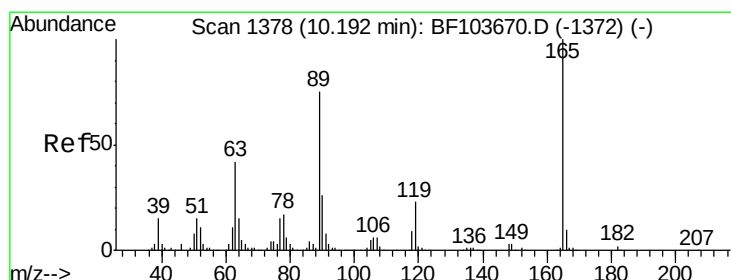
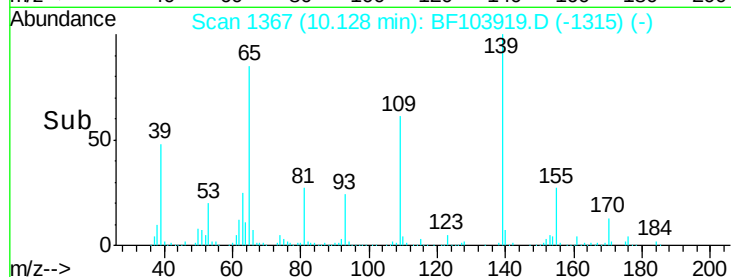
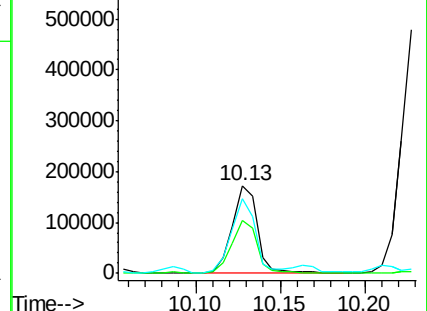
65 85.0 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 57.360 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Tgt Ion:165 Resp: 320382

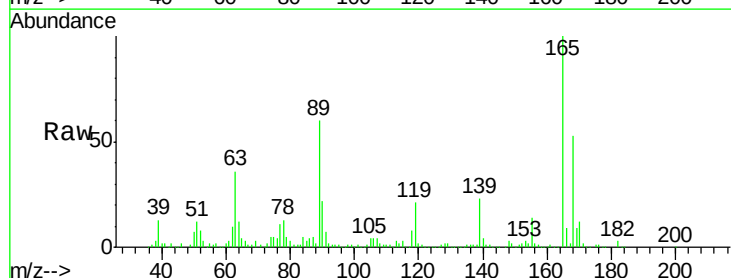
Ion Ratio Lower Upper

165 100

63 35.9 36.4 54.6#

89 60.2 57.8 86.6

182 2.5 1.6 2.4#

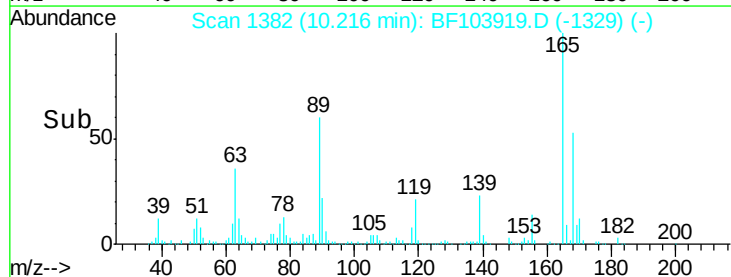
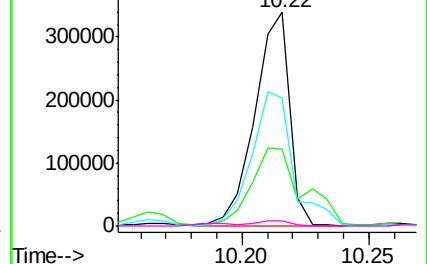


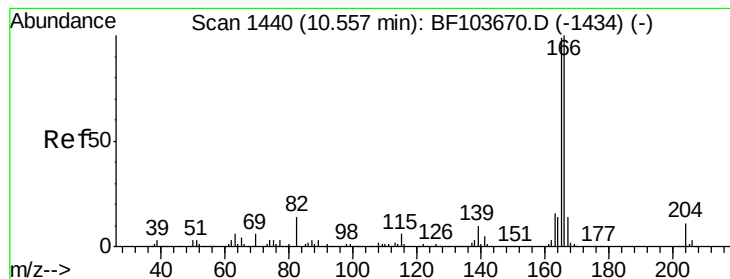
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 48.299 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

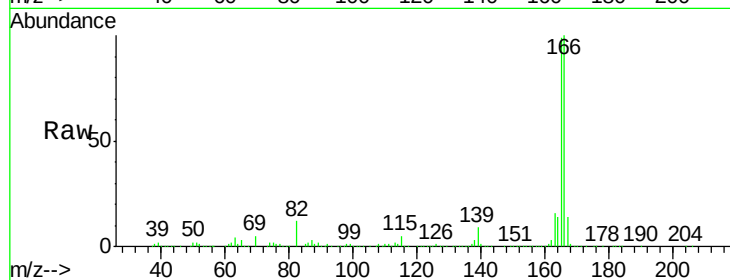
Tot Ion:166 Resp: 951976

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

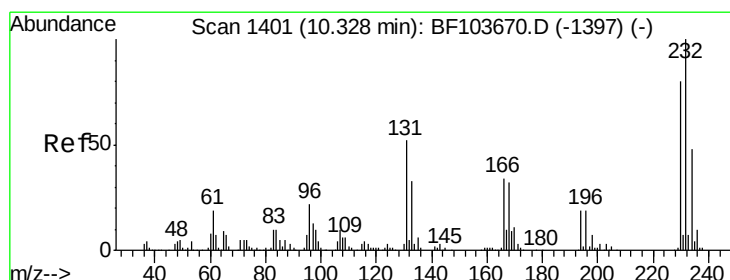
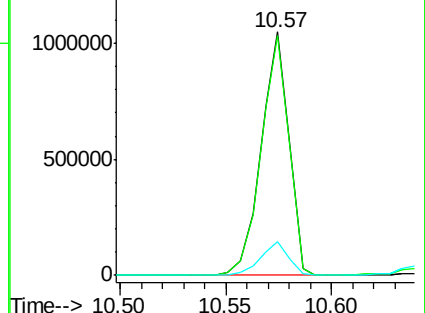
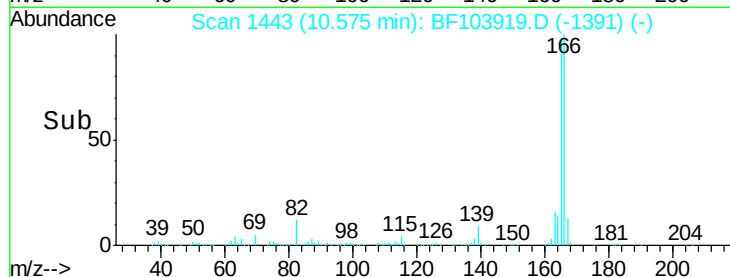
167 13.6 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.290 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Tgt Ion:232 Resp: 239581

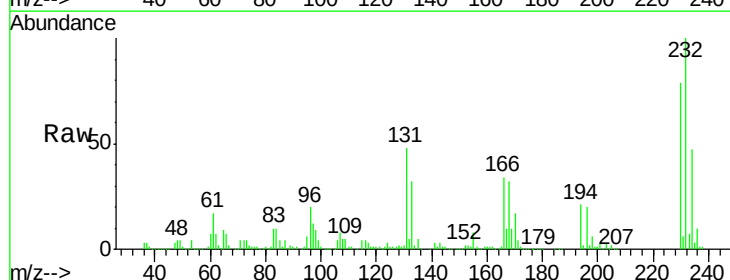
Ion Ratio Lower Upper

232 100

131 46.3 43.8 65.8

130 3.0 2.1 3.1

166 33.0 27.8 41.6

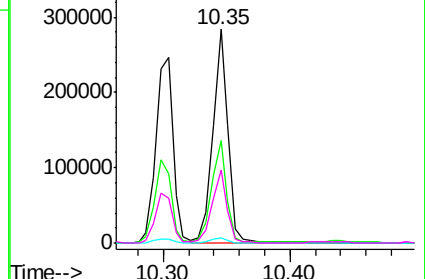
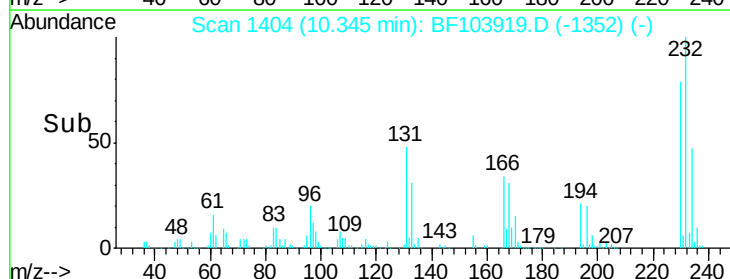


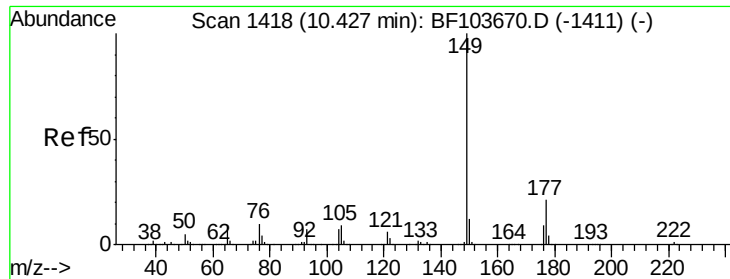
Abundance Ion 232.00 (231.70 to 232.70): E

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

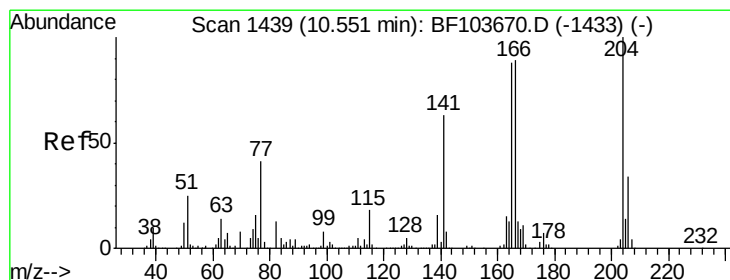
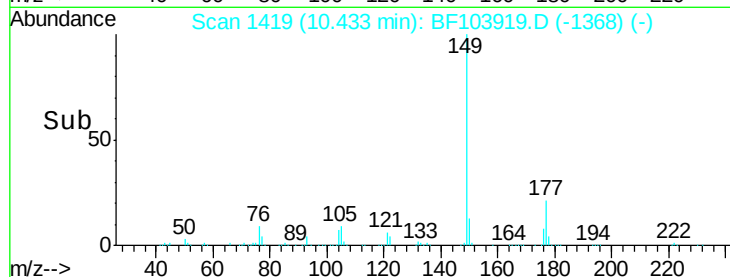
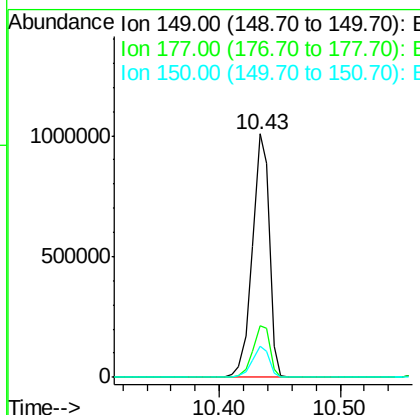
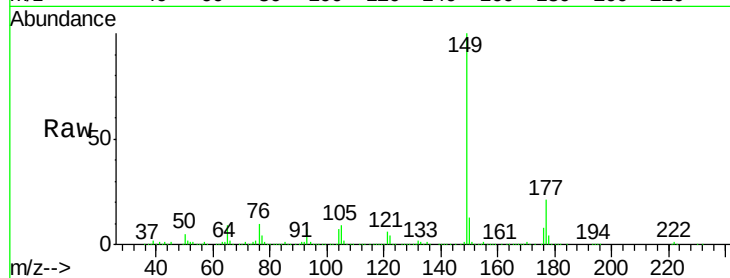




#59
Diethylphthalate
Concen: 44.800 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

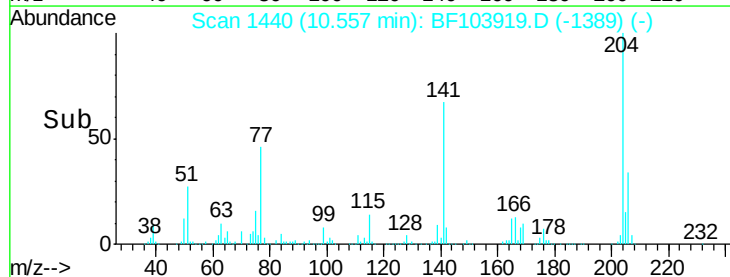
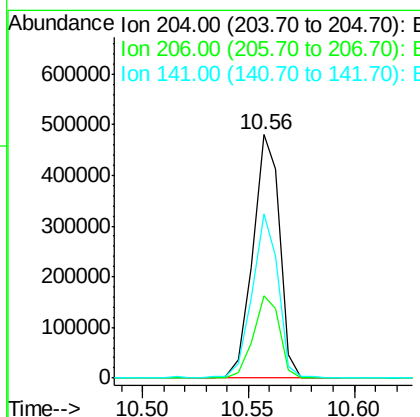
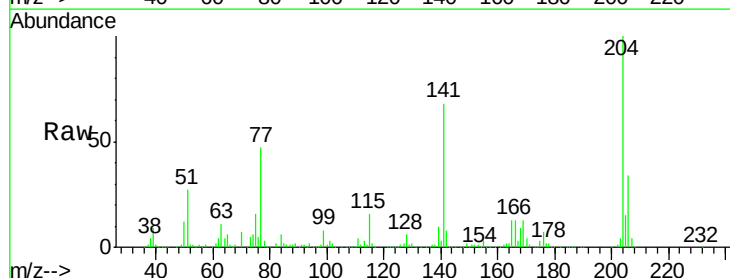
Instrument :
BNA_F
ClientSampleId :
C19013071MS

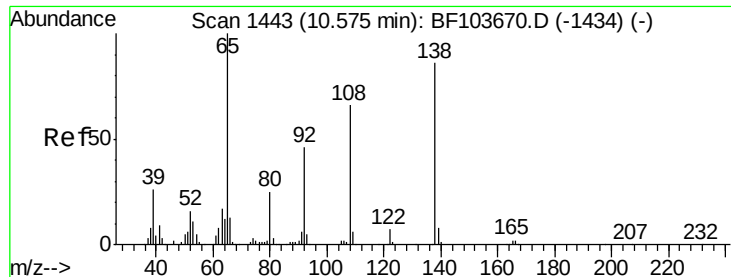
Tot Ion:149 Resp: 989385
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 13.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 47.061 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Tgt Ion:204 Resp: 423915
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 67.7 54.6 81.8

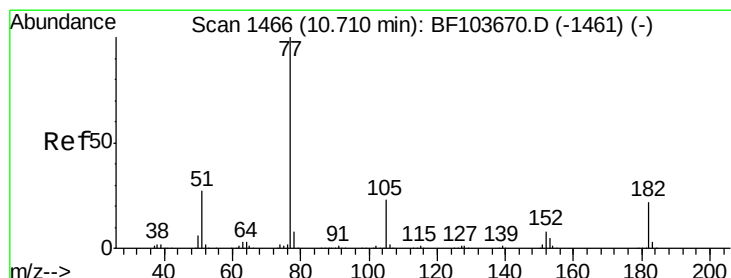
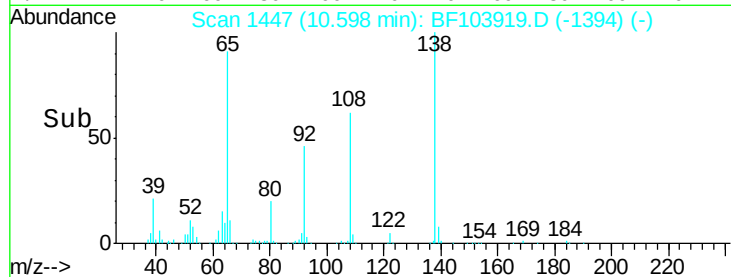
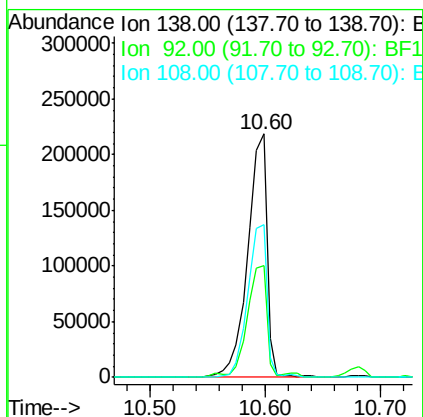
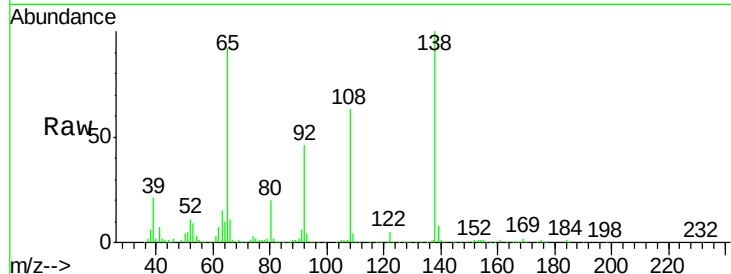




#61
4-Nitroaniline
Concen: 51.143 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

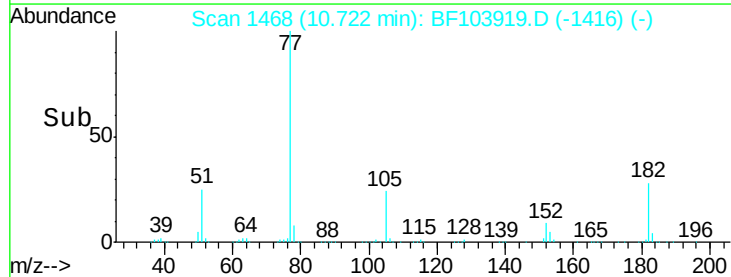
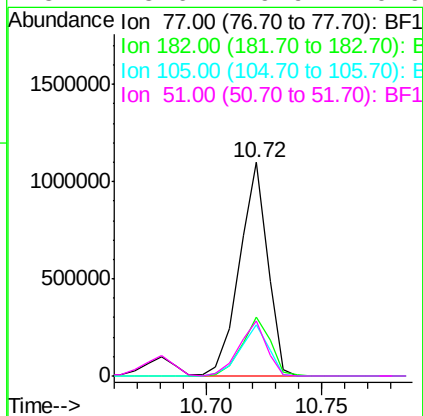
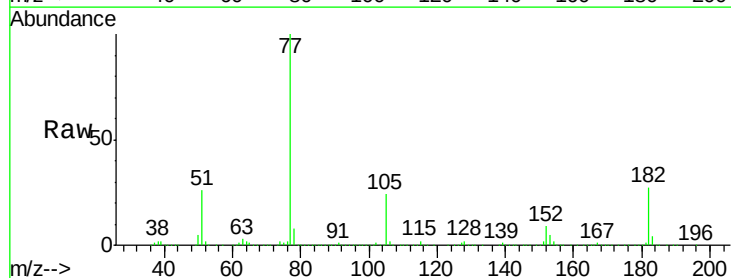
Instrument :
BNA_F
ClientSampleId :
C19013071MS

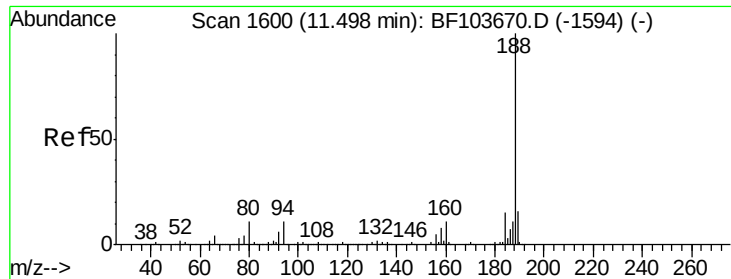
Tot Ion:138 Resp: 255242
Ion Ratio Lower Upper
138 100
92 45.9 30.2 70.2
108 62.9 52.5 92.5



#62
Azobenzene
Concen: 41.364 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Tgt Ion: 77 Resp: 928742
Ion Ratio Lower Upper
77 100
182 27.4 1.7 41.7
105 24.0 3.0 43.0
51 25.6 9.9 49.9

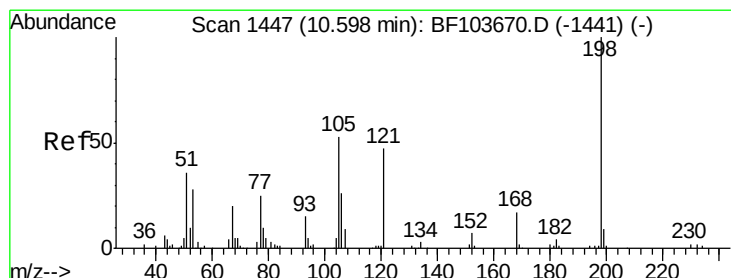
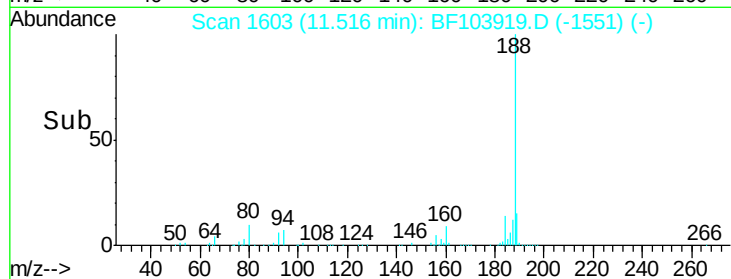
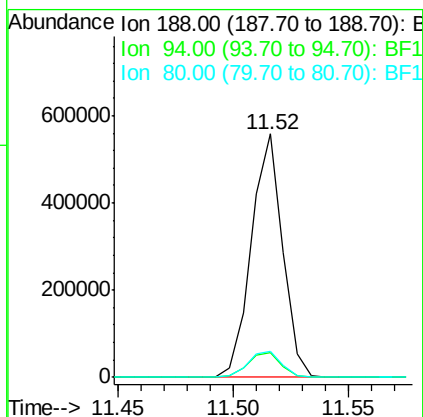
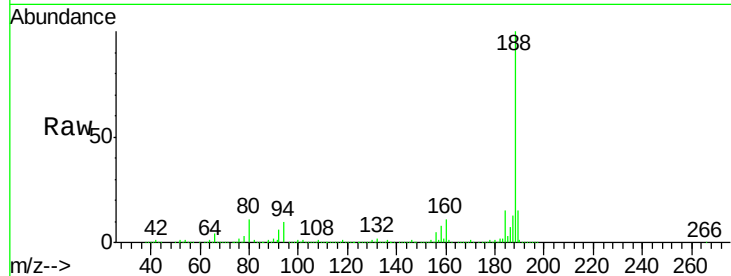




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

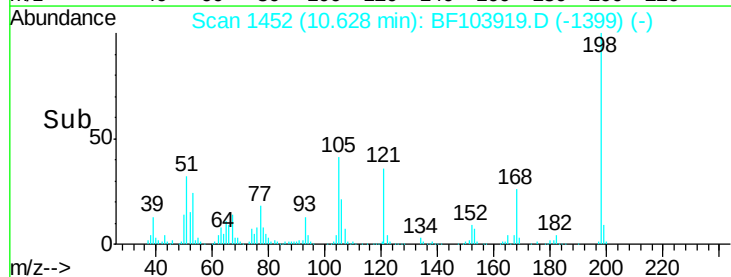
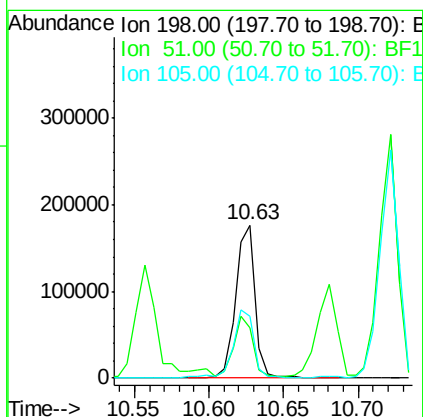
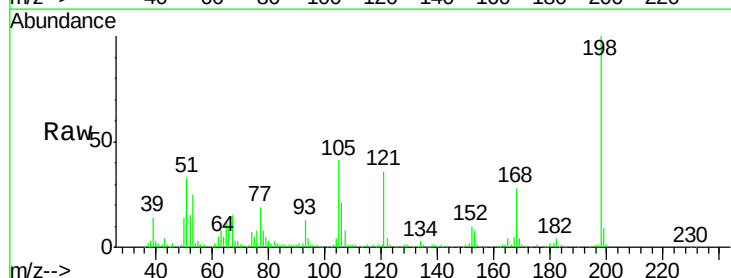
Instrument :
BNA_F
ClientSampleId :
C19013071MS

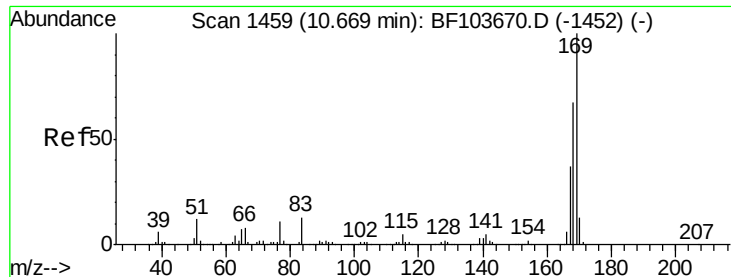
Tot Ion:188 Resp: 528867
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 69.155 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Tgt Ion:198 Resp: 161868
Ion Ratio Lower Upper
198 100
51 32.5 37.7 77.7#
105 40.7 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 48.692 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

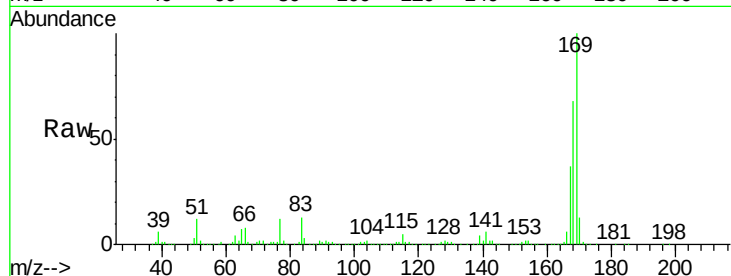
Tot Ion:169 Resp: 876545

Ion Ratio Lower Upper

169 100

168 68.5 54.4 81.6

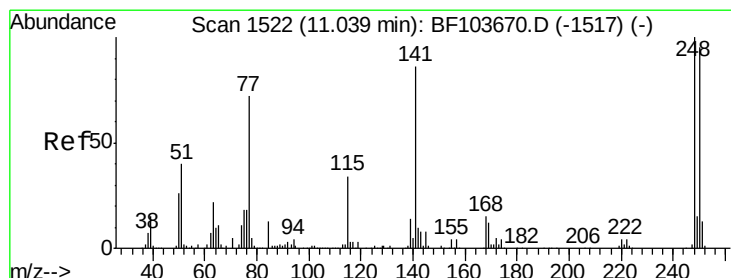
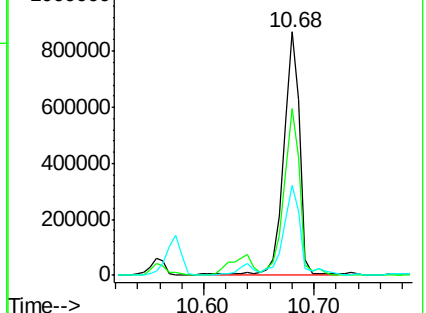
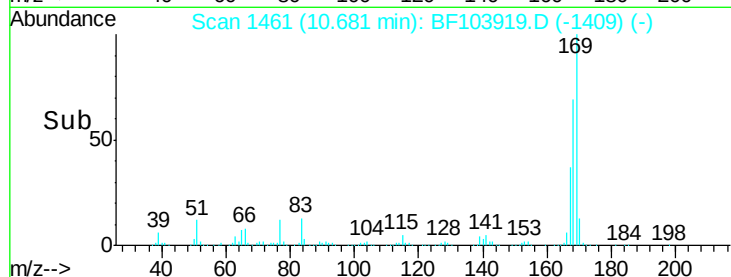
167 36.8 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 49.663 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

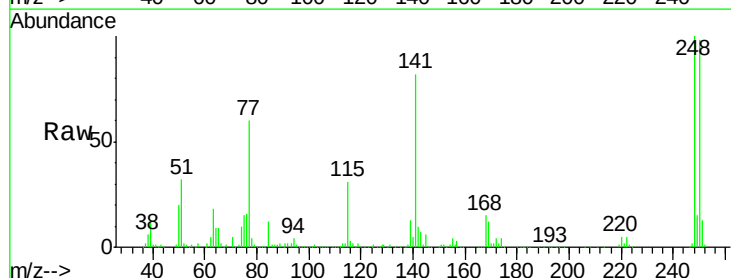
Tgt Ion:248 Resp: 269675

Ion Ratio Lower Upper

248 100

250 98.1 76.9 115.3

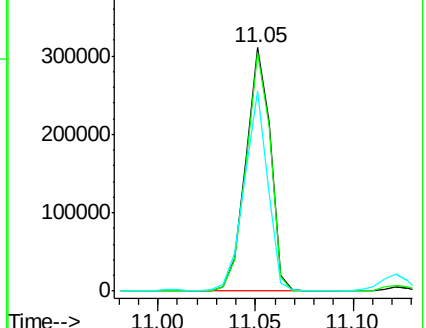
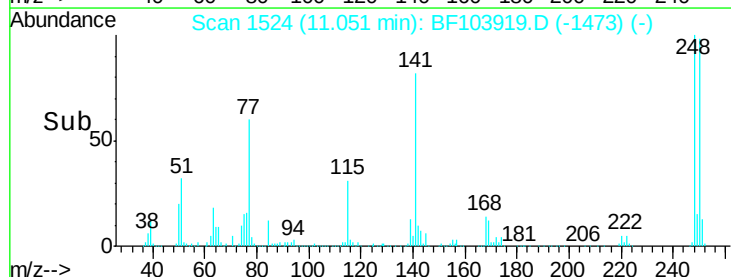
141 81.9 74.4 111.6

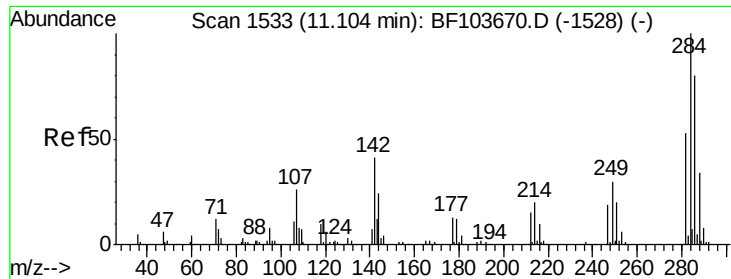


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.860 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

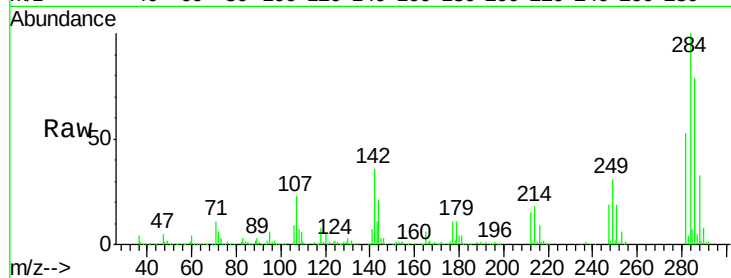
Tot Ion:284 Resp: 296618

Ion Ratio Lower Upper

284 100

142 35.6 34.6 52.0

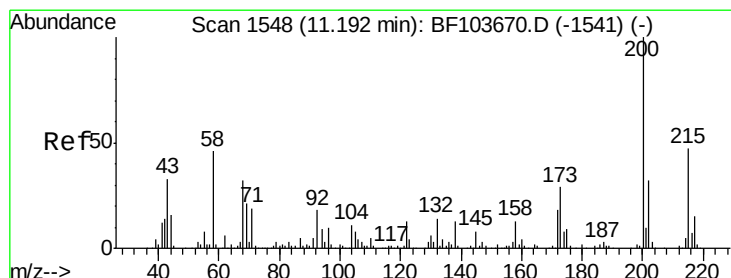
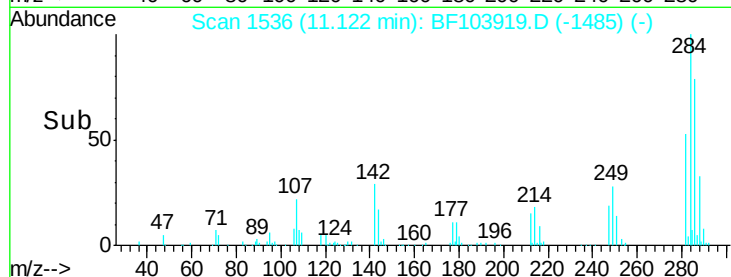
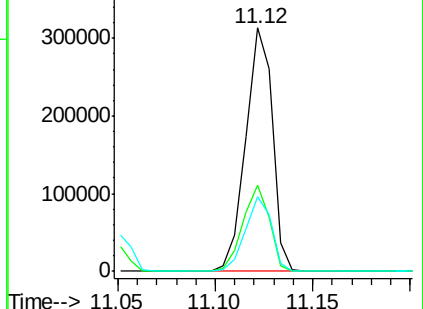
249 30.5 24.8 37.2



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



#68

Atrazine

Concen: 49.814 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

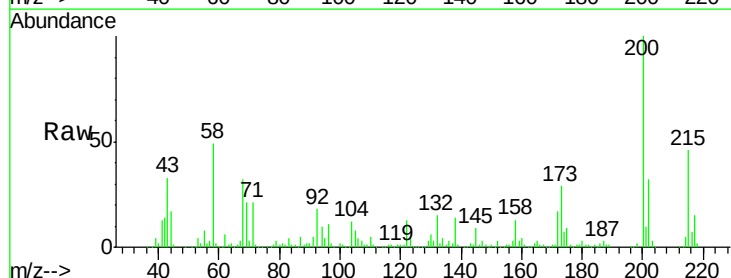
Tgt Ion:200 Resp: 277397

Ion Ratio Lower Upper

200 100

173 28.9 8.6 48.6

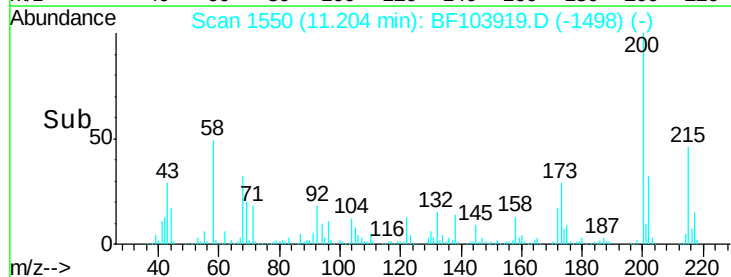
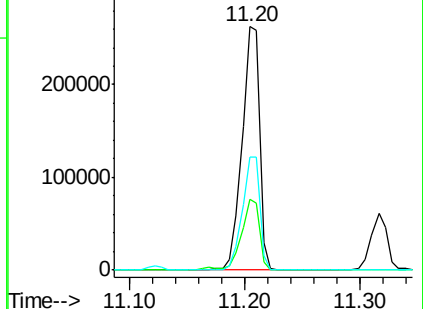
215 46.4 25.1 65.1

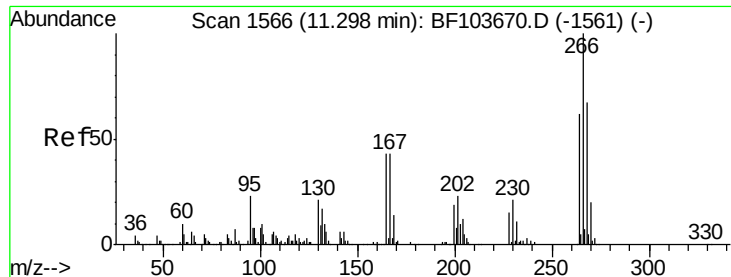


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

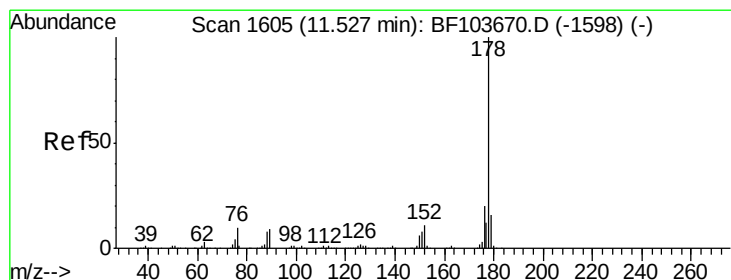
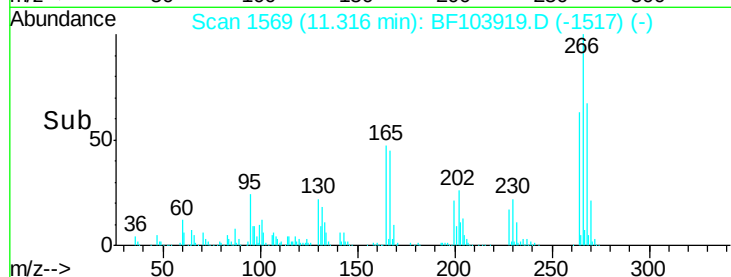
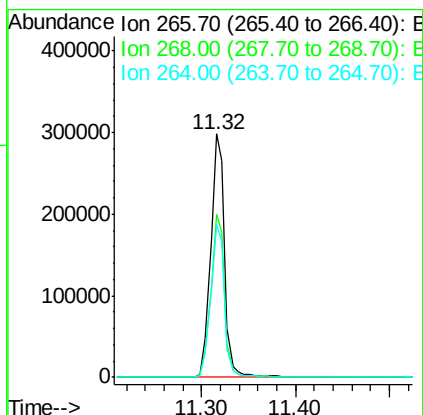
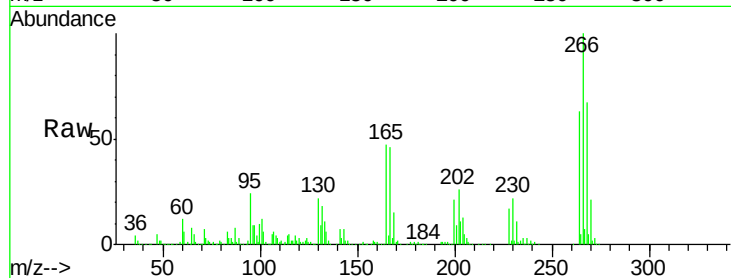




#69
 Pentachlorophenol
 Concen: 88.189 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF103919.D
 Acq: 26 Mar 2018 12:13

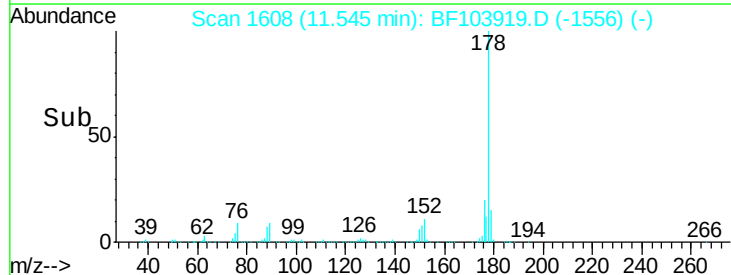
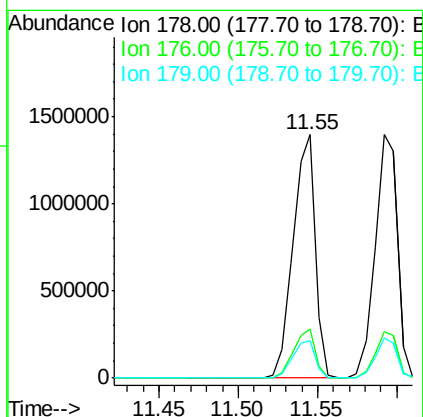
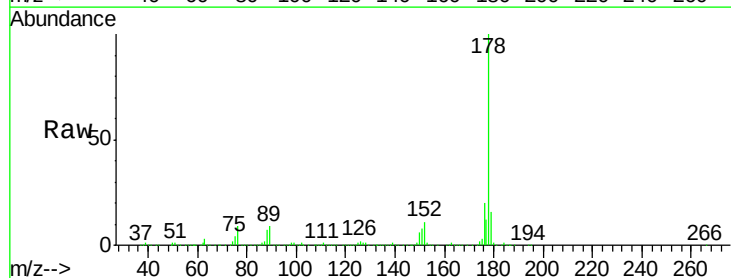
Instrument :
 BNA_F
 ClientSampleId :
 C19013071MS

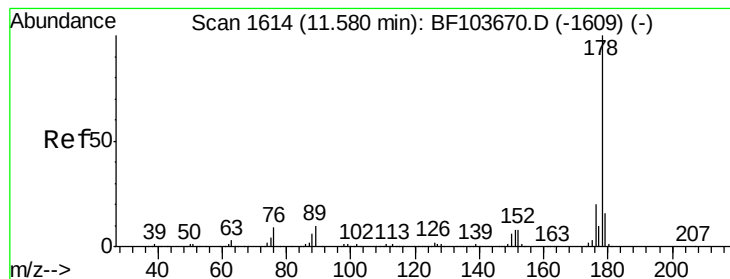
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.8	51.1	76.7
264	62.7	49.5	74.3



#70
 Phenanthrene
 Concen: 46.966 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF103919.D
 Acq: 26 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.5	13.0	19.6





#71

Anthracene

Concen: 46.609 ng

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

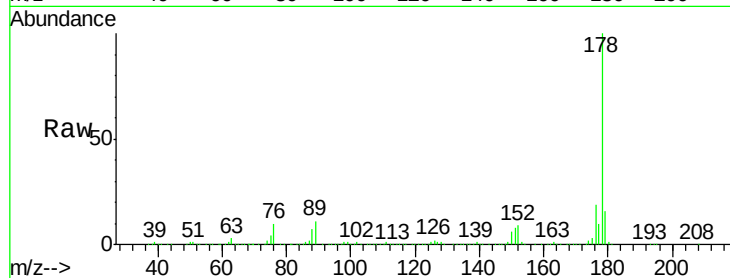
Tot Ion:178 Resp: 1369526

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.2	12.6	19.0

178 100

176 19.3 15.4 23.2

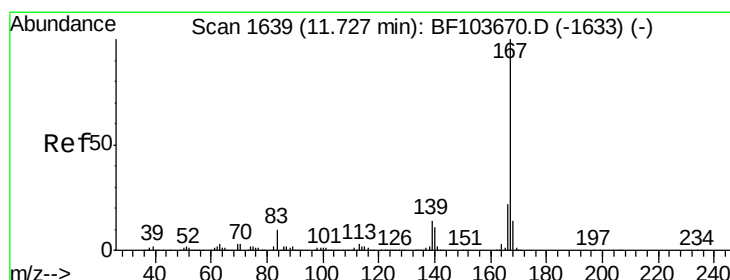
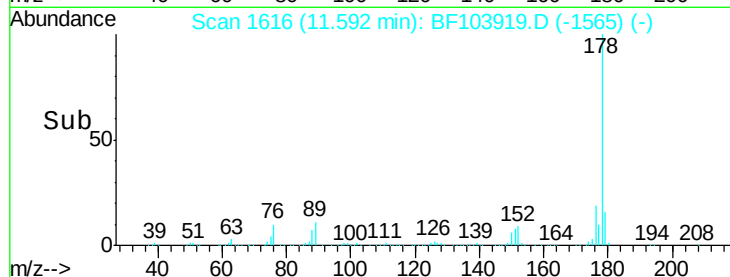
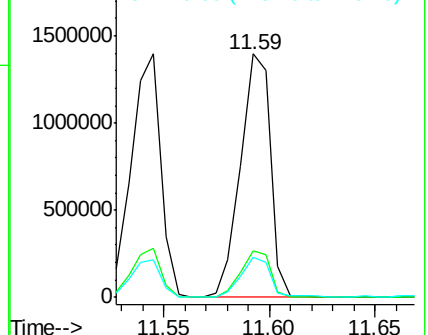
179 16.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.953 ng

RT: 11.75 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

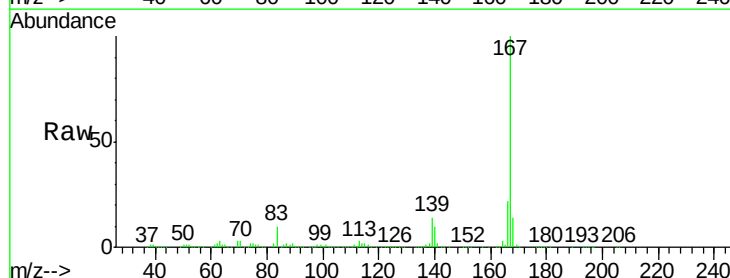
Tgt Ion:167 Resp: 1312379

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.9	10.9	16.3

167 100

166 22.4 17.6 26.4

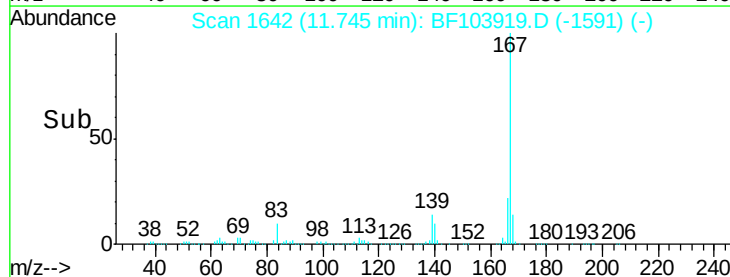
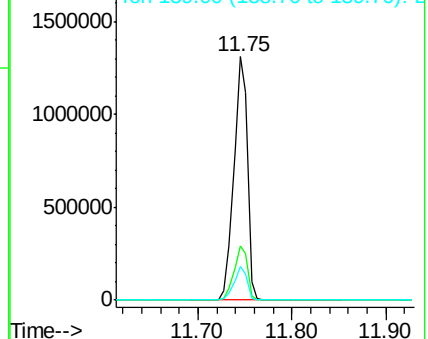
139 13.9 10.9 16.3

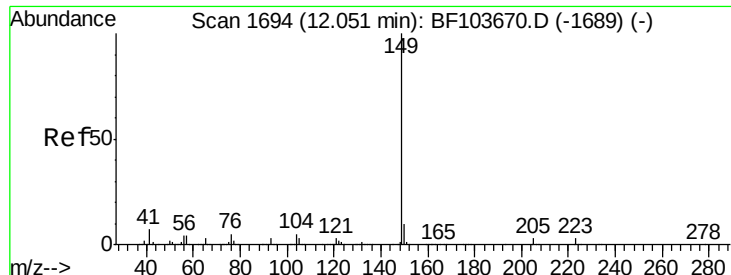


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.489 ng

RT: 12.06 min Scan# 1696

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

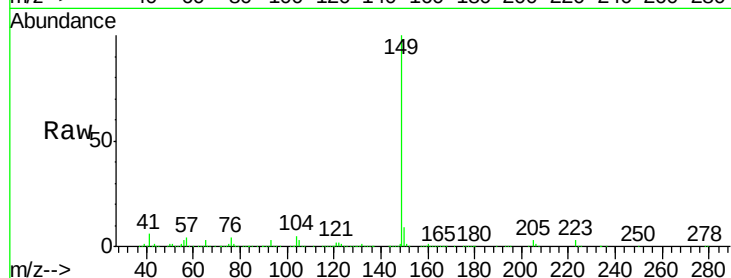
Tot Ion:149 Resp: 1558804

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

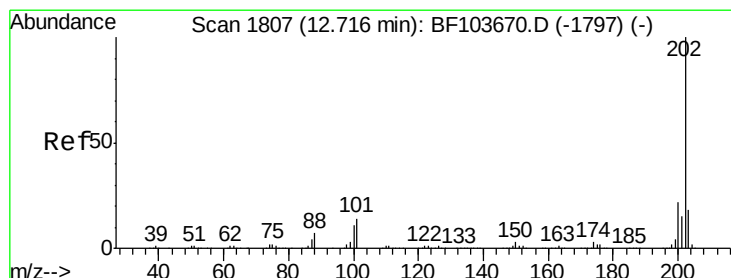
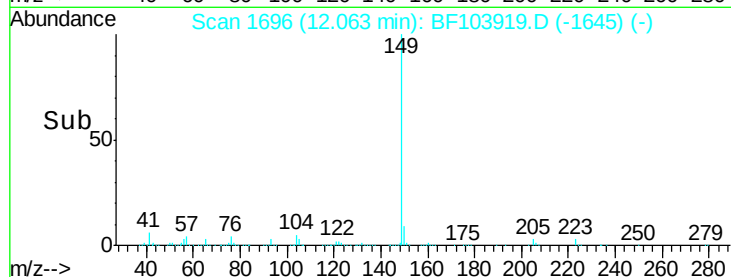
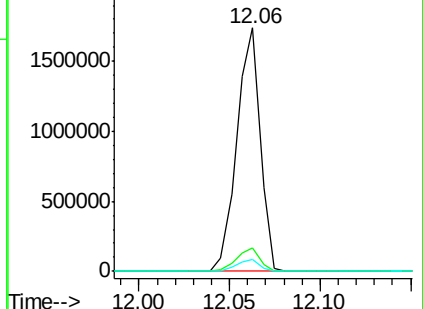
104 4.8 3.8 5.8



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



#74

Fluoranthene

Concen: 47.665 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

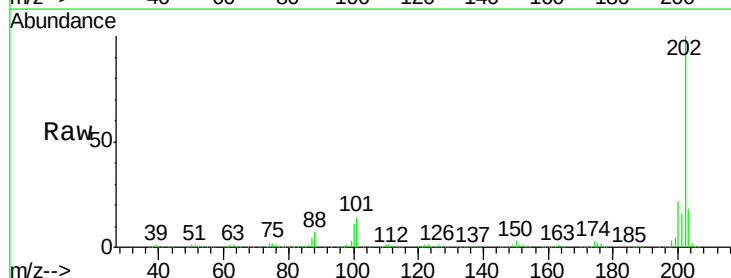
Tgt Ion:202 Resp: 1420644

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

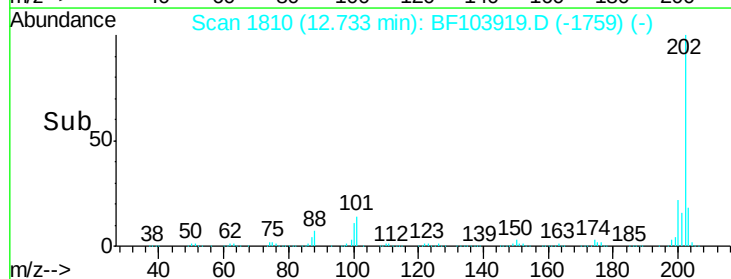
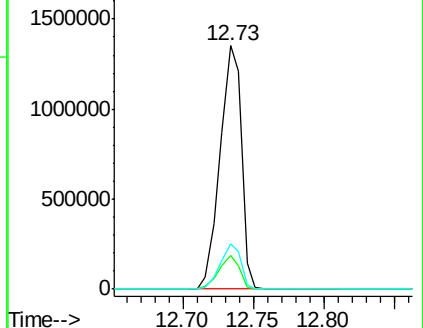
203 18.3 0.0 38.1

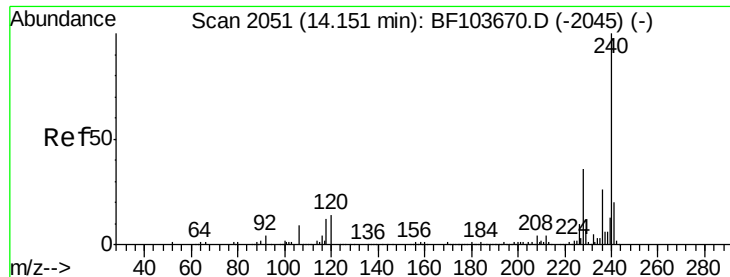


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

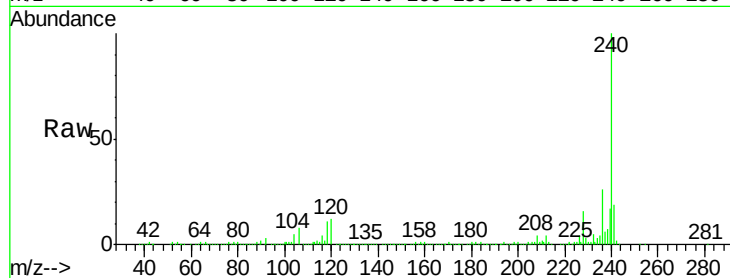
Tot Ion:240 Resp: 437344

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

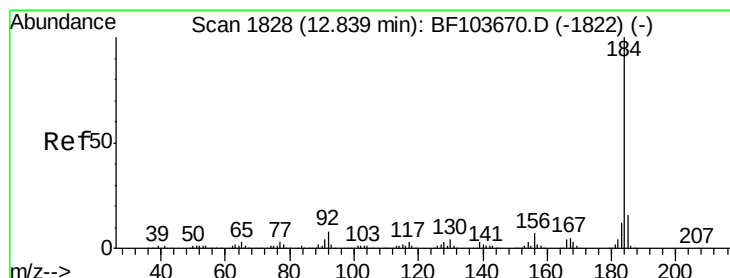
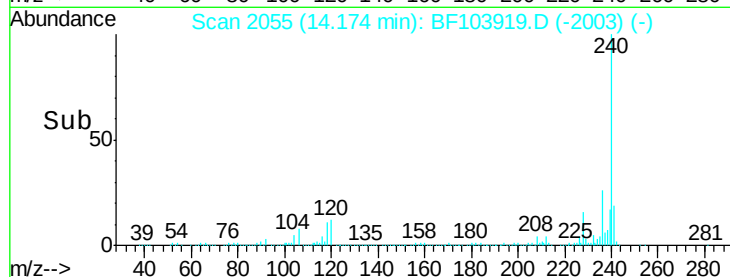
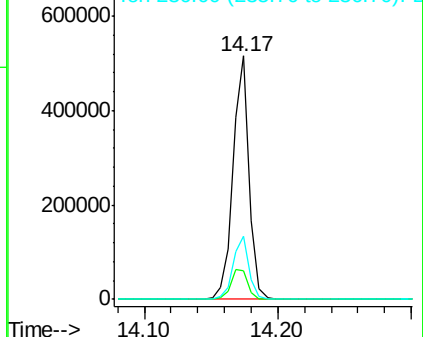
236 26.1 20.7 31.1



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



#76

Benzidine

Concen: 8.602 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

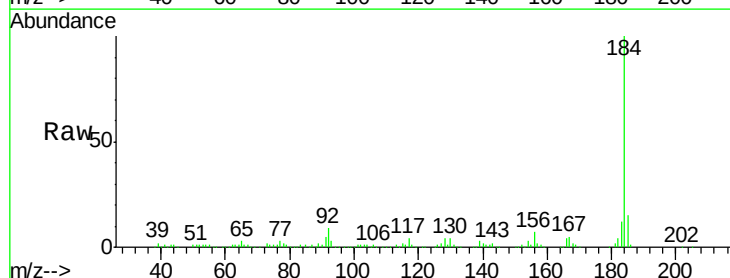
Tgt Ion:184 Resp: 160450

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

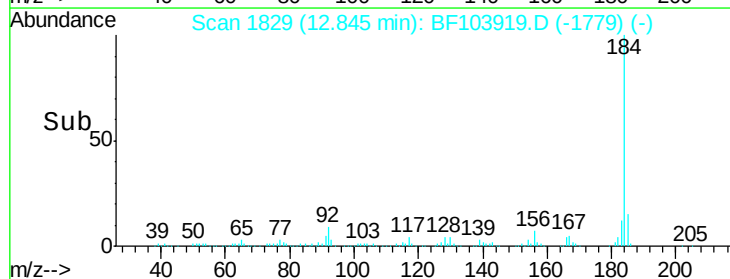
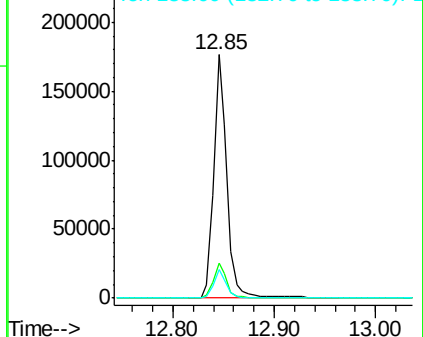
183 11.7 9.3 13.9

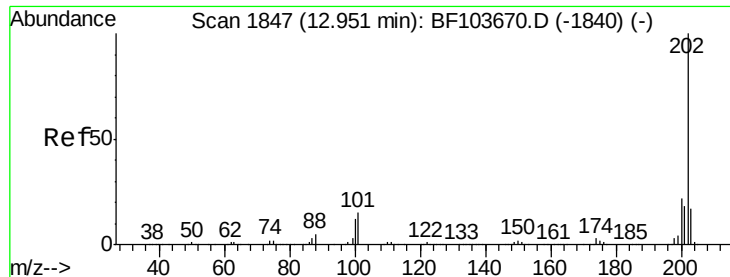


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

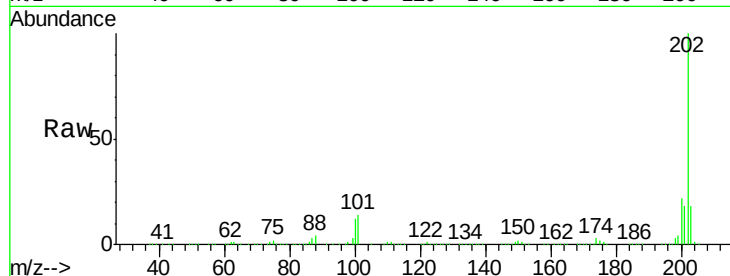




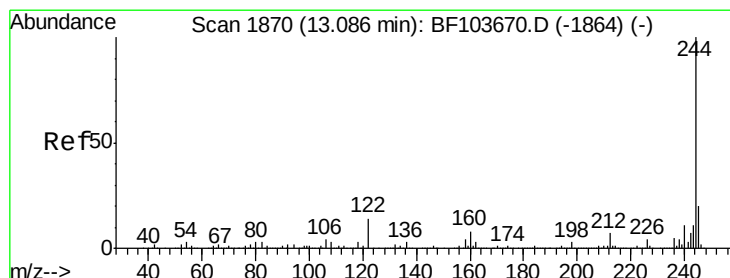
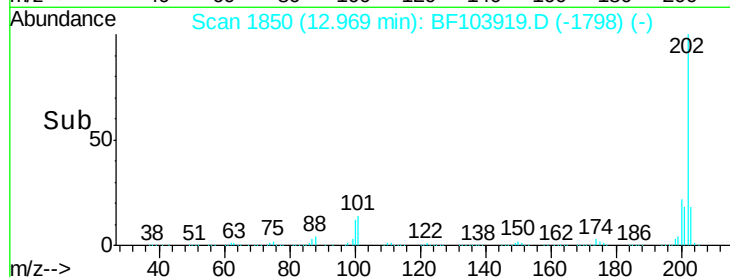
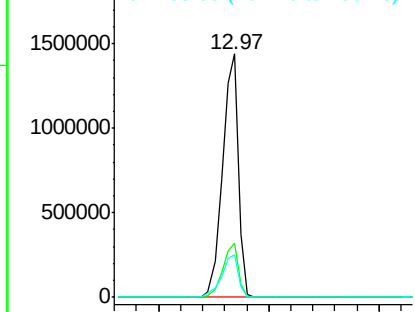
#77
Pvrene
Concen: 44.613 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
C19013071MS

Tot Ion:202 Resp: 1432876
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 17.7 14.3 21.5

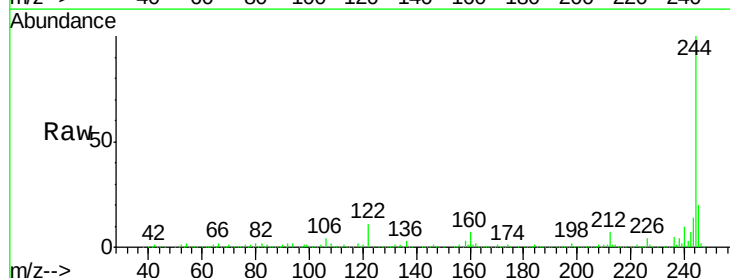


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

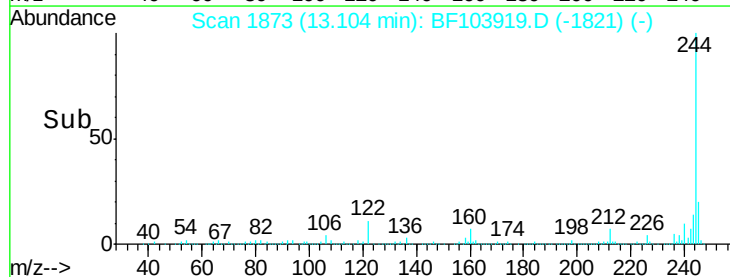
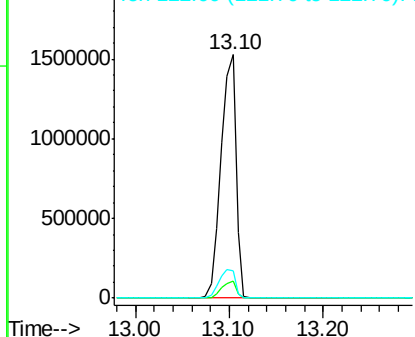


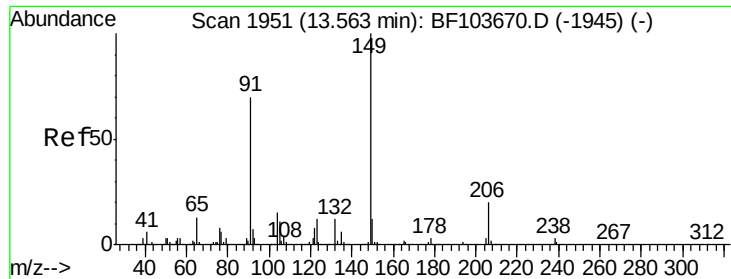
#78
Terphenyl-d14
Concen: 91.434 ng
RT: 13.10 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Tgt Ion:244 Resp: 1722772
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 11.2 11.0 16.4



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

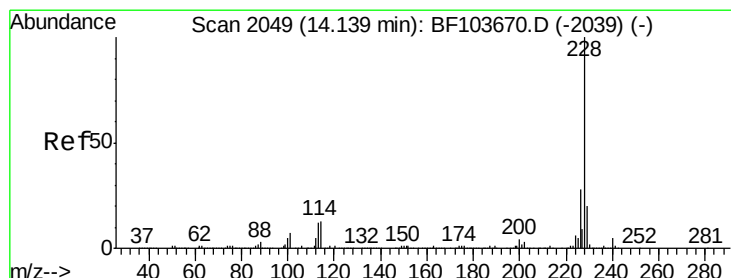
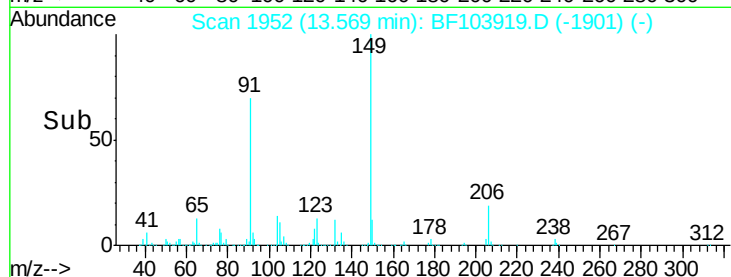
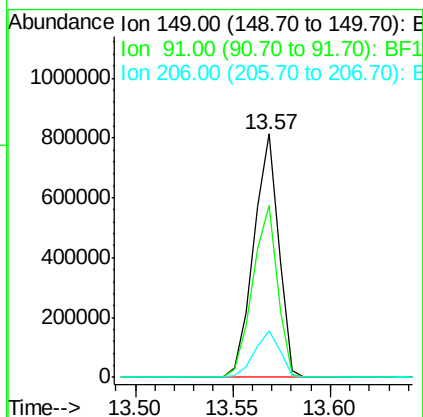
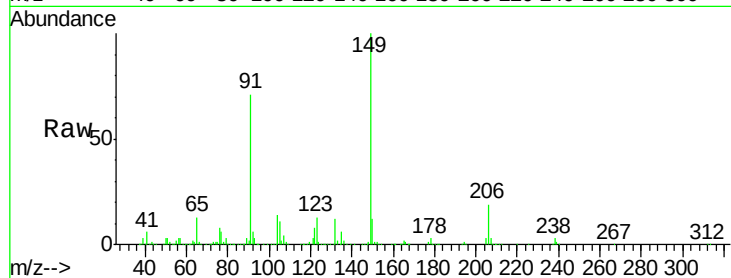




#79
Butylbenzylphthalate
Concen: 50.602 ng
RT: 13.57 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

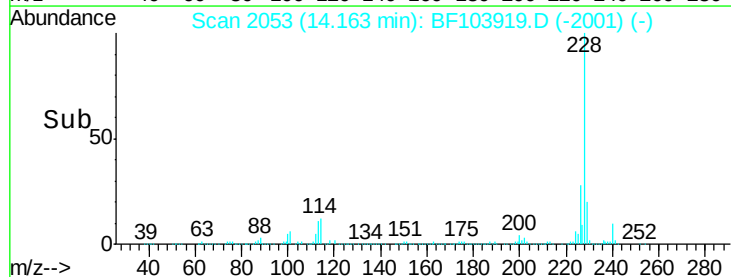
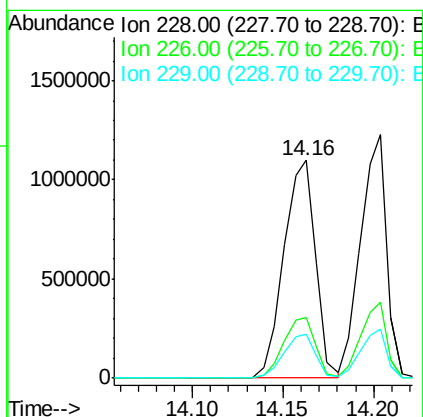
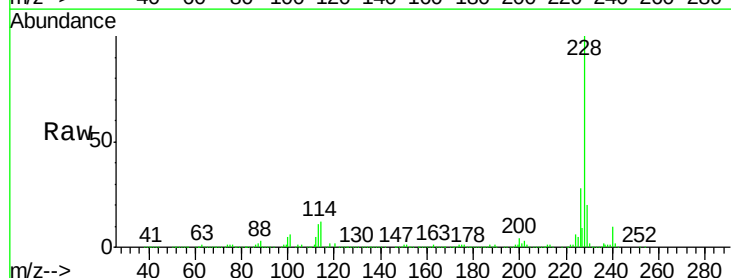
Instrument :
BNA_F
ClientSampleID :
C19013071MS

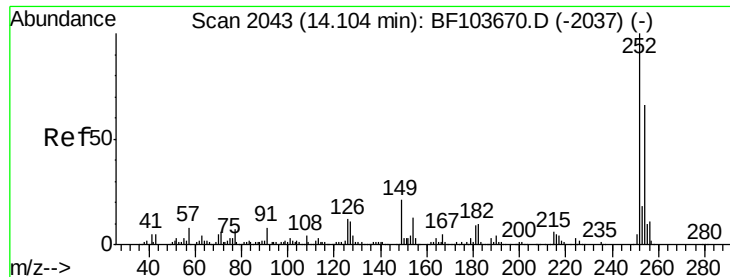
Tot Ion:149 Resp: 720065
Ion Ratio Lower Upper
149 100
91 70.5 56.8 85.2
206 19.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 48.514 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Tgt Ion:228 Resp: 1343053
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.9 15.8 23.6

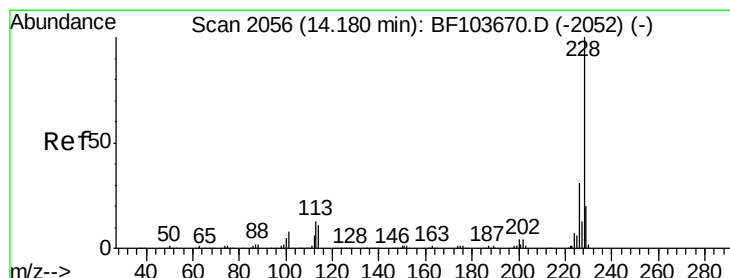
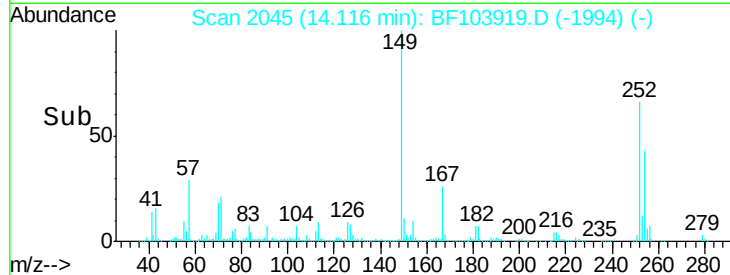
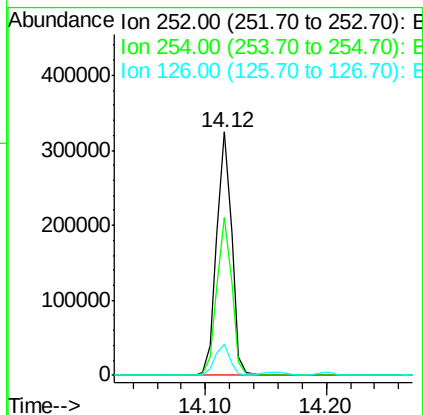
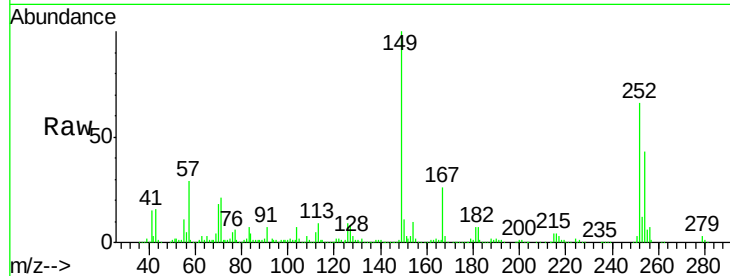




#81
 3,3'-Dichlorobenzidine
 Concen: 29.847 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BF103919.D
 Acq: 26 Mar 2018 12:13

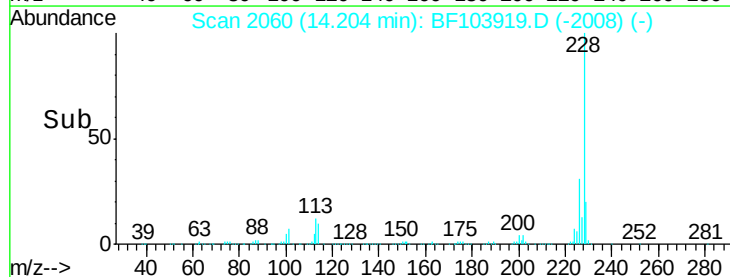
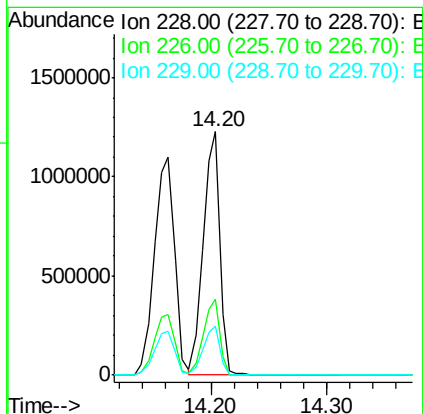
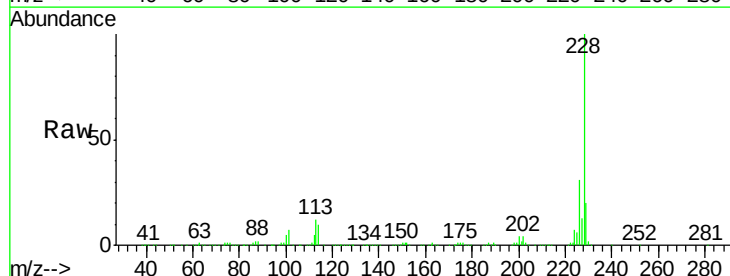
Instrument :
 BNA_F
 ClientSampleId :
 C19013071MS

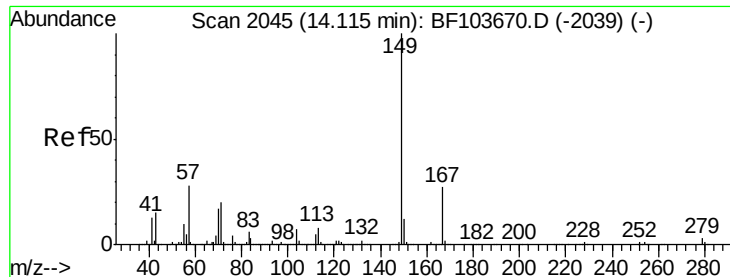
Tot Ion:252 Resp: 276383
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.4 75.6
 126 13.0 11.3 16.9



#82
 Chrysene
 Concen: 46.657 ng
 RT: 14.20 min Scan# 2060
 Delta R.T. 0.01 min
 Lab File: BF103919.D
 Acq: 26 Mar 2018 12:13

Tgt Ion:228 Resp: 1231272
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.3 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.854 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

Instrument :

BNA_F

ClientSampleId :

C19013071MS

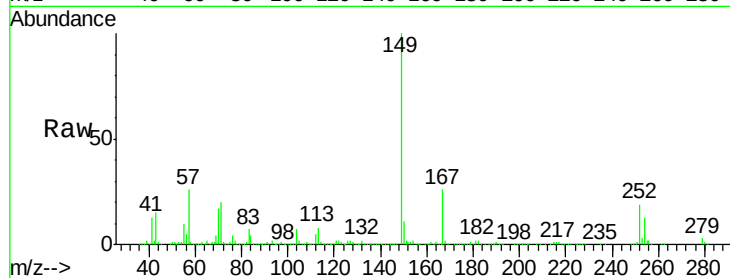
Tot Ion:149 Resp: 932160

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

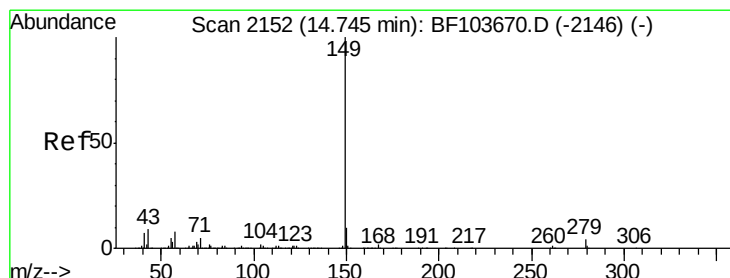
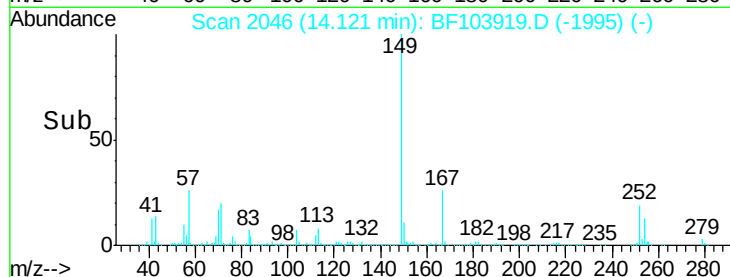
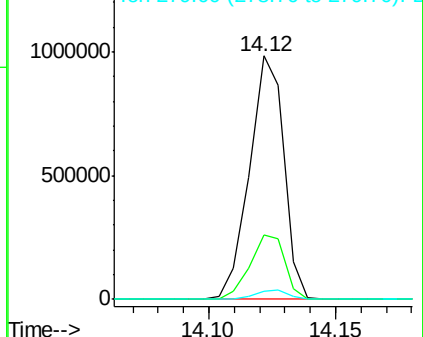
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 56.717 ng

RT: 14.75 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BF103919.D

Acq: 26 Mar 2018 12:13

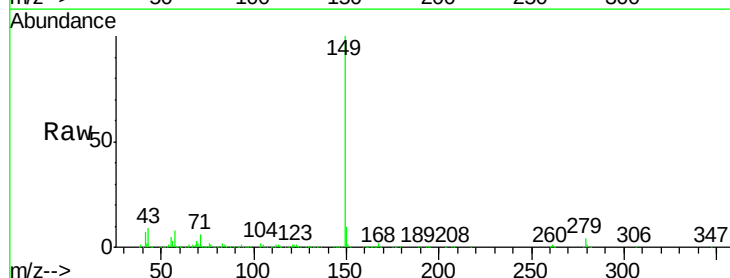
Tgt Ion:149 Resp: 1677405

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

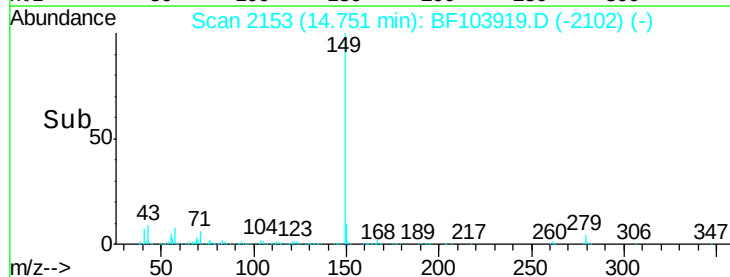
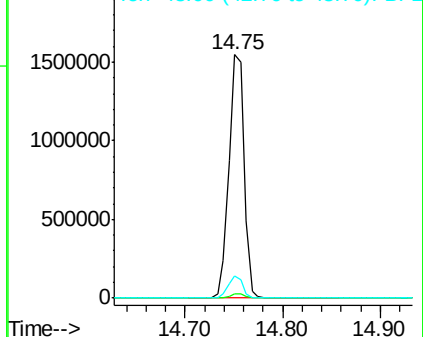
43 8.6 8.4 12.6

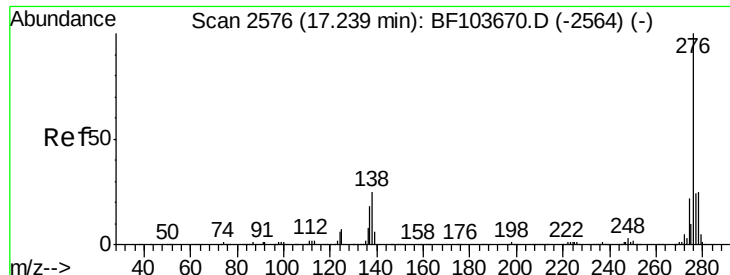


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

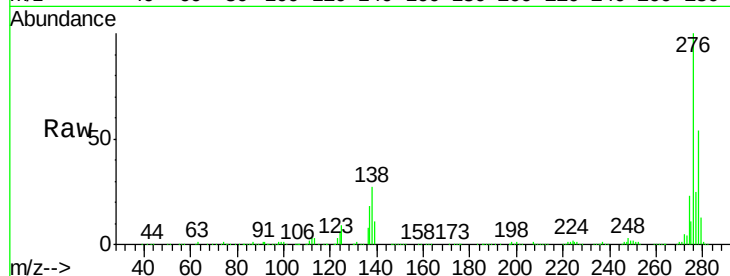




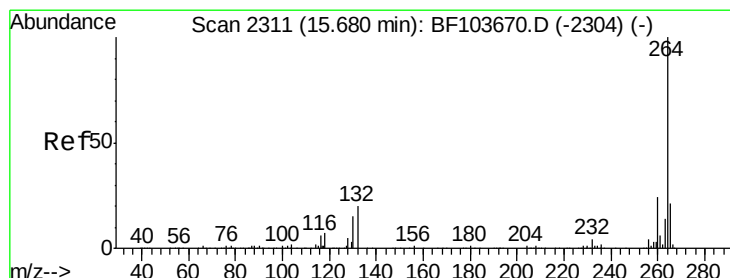
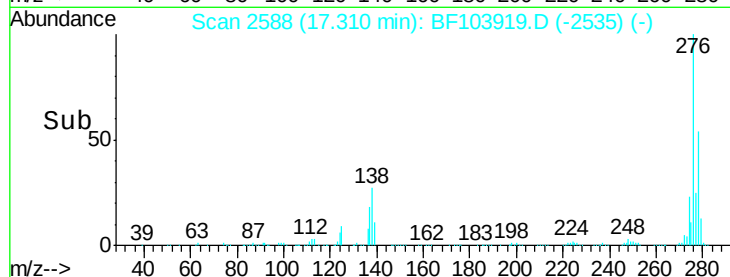
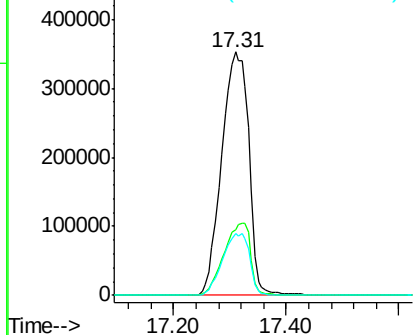
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.499 ng
RT: 17.31 min Scan# 2588
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
C19013071MS

Tot Ion:276 Resp: 1186843
Ion Ratio Lower Upper
276 100
138 29.1 25.0 37.6
277 25.4 20.1 30.1

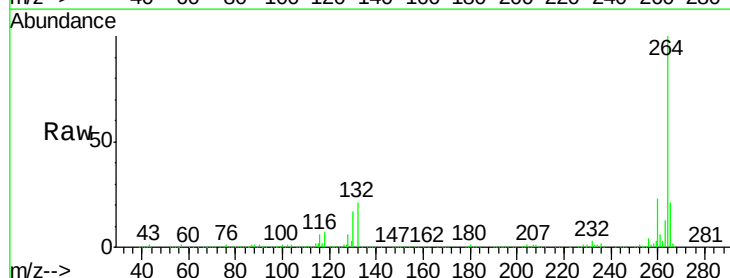


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

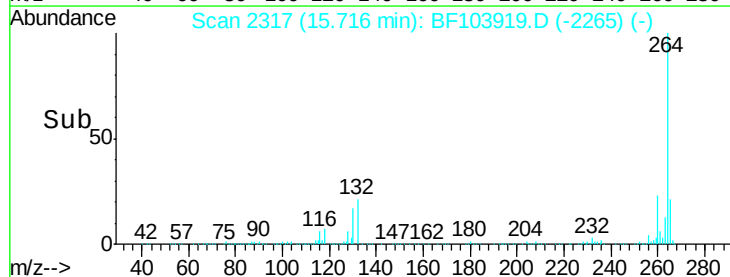
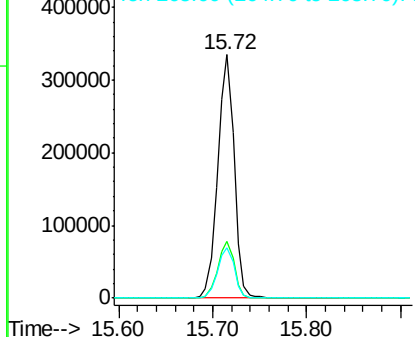


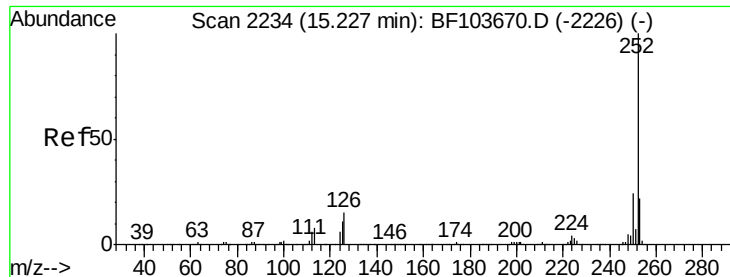
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Tgt Ion:264 Resp: 411857
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 20.9 17.5 26.3



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

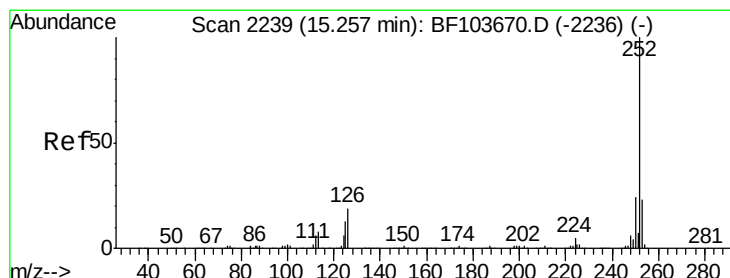
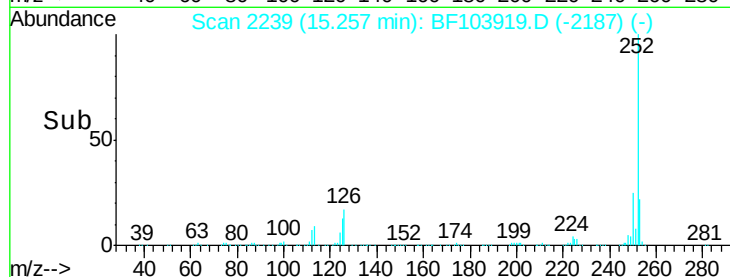
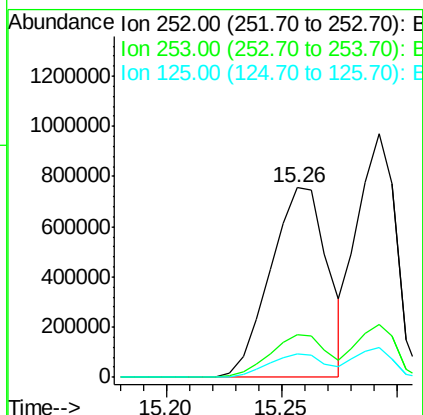
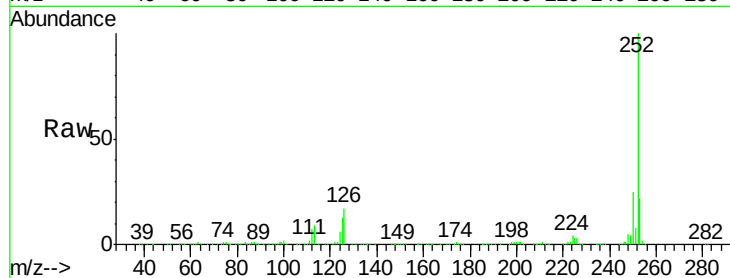




#87
Benzo(b)fluoranthene
Concen: 50.066 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

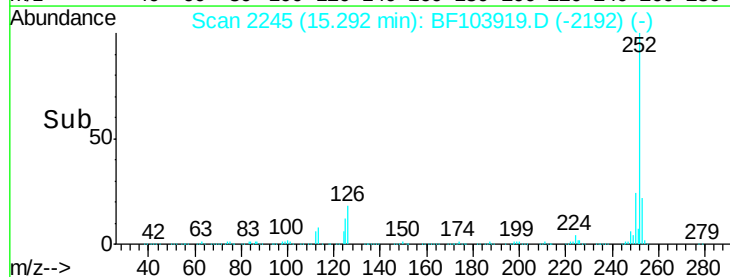
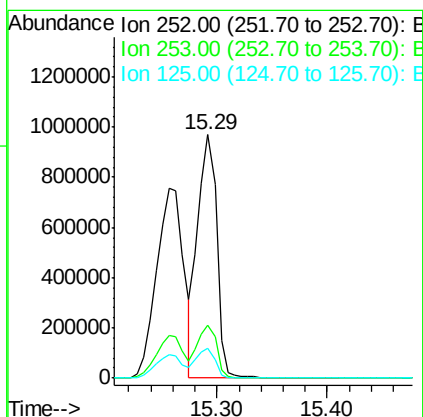
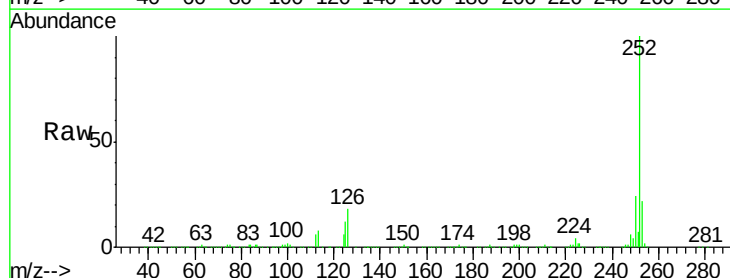
Instrument :
BNA_F
ClientSampleId :
C19013071MS

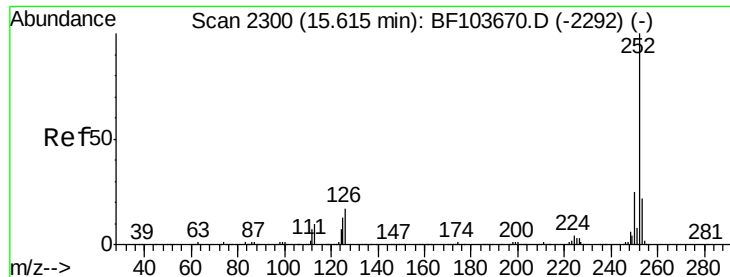
Tot Ion:252 Resp: 1302712
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 12.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 45.560 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Tgt Ion:252 Resp: 1139571
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 12.3 10.2 15.2

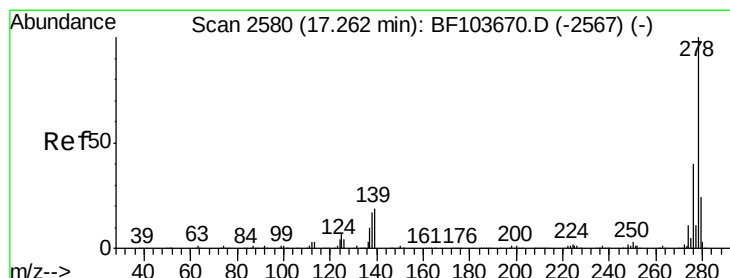
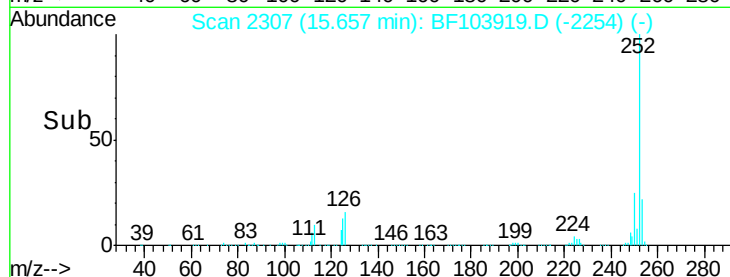
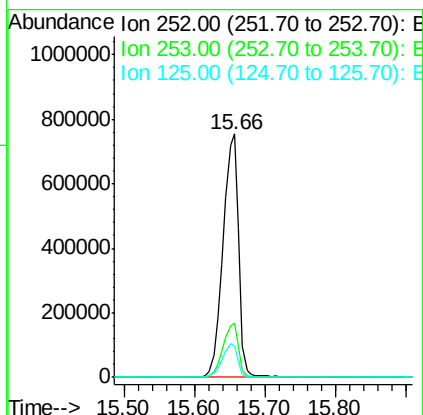
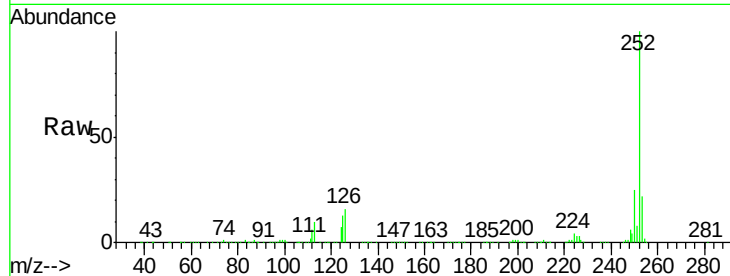




#89
Benzo(a)pyrene
Concen: 49.242 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.01 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

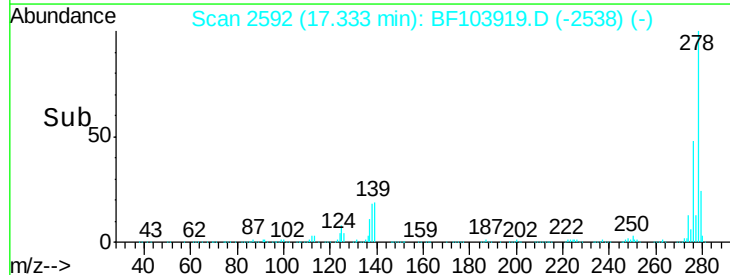
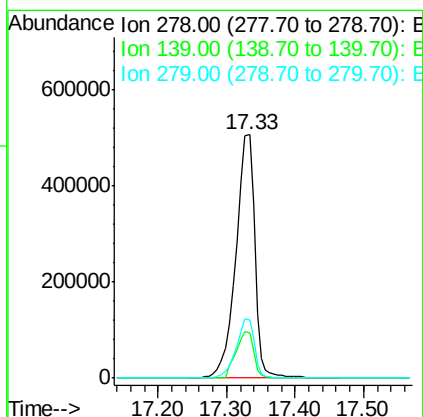
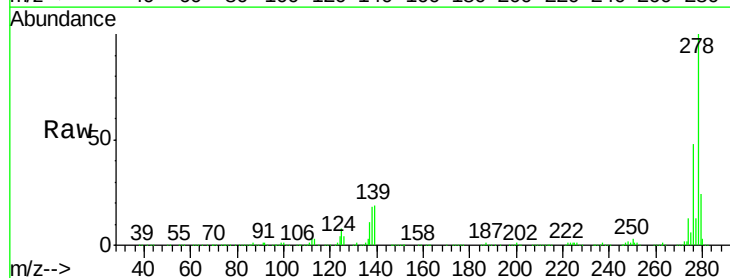
Instrument :
BNA_F
ClientSampleId :
C19013071MS

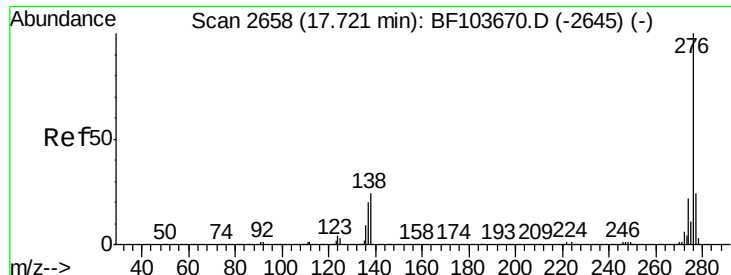
Tot Ion:252 Resp: 1162130
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 13.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 47.483 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.02 min
Lab File: BF103919.D
Acq: 26 Mar 2018 12:13

Tgt Ion:278 Resp: 970337
Ion Ratio Lower Upper
278 100
139 18.6 15.9 23.9
279 24.1 19.0 28.4

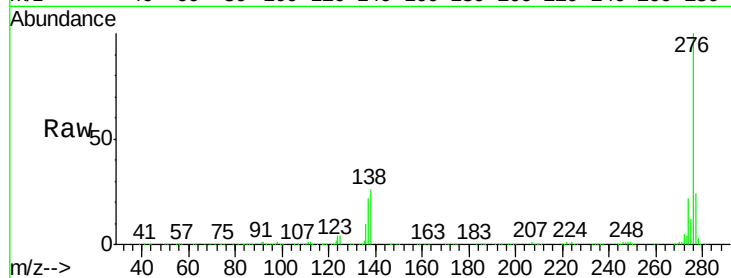




#91
 Benzo(a,h,i)perylene
 Concen: 49.409 ng
 RT: 17.80 min Scan# 2671
 Delta R.T. 0.02 min
 Lab File: BF103919.D
 Acq: 26 Mar 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 C19013071MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	25.6	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

