

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103221.D
 Acq On : 26 Feb 2018 16:59
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 26 17:35:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166277	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	700631	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	316456	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	527402	20.00	ng	0.00
75) Chrysene-d12	14.05	240	349909	20.00	ng	0.00
86) Perylene-d12	15.54	264	306677	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	876381	79.71	ng	0.00
7) Phenol-d6	6.50	99	1041884	77.45	ng	0.00
23) Nitrobenzene-d5	7.44	82	953299	77.70	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	202086	75.44	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1421064	75.26	ng	0.00
78) Terphenyl-d14	12.99	244	1129768	77.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	233272	40.173	ng	92
3) Pyridine	3.42	79	651078	42.000	ng	98
4) n-Nitrosodimethylamine	3.37	42	256317	40.998	ng	97
6) Aniline	6.54	93	772043	39.764	ng	97
8) 2-Chlorophenol	6.66	128	449185	39.330	ng	94
9) Benzaldehyde	6.43	77	317010	38.285	ng	98
10) Phenol	6.52	94	616458	39.473	ng	94
11) bis(2-Chloroethyl)ether	6.61	93	473193	39.921	ng	94
12) 1,3-Dichlorobenzene	6.81	146	513276	39.327	ng	97
13) 1,4-Dichlorobenzene	6.89	146	506687	38.722	ng	98
14) 1,2-Dichlorobenzene	7.05	146	463255	38.394	ng	98
15) Benzyl Alcohol	7.02	79	398833	39.343	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	802060	39.405	ng	99
17) 2-Methylphenol	7.12	107	409881	39.491	ng	98
18) Hexachloroethane	7.38	117	187909	39.447	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	316070	37.751	ng	97
20) 3+4-Methylphenols	7.28	107	464779	36.736	ng	# 67
22) Acetophenone	7.29	105	611707	37.404	ng	# 95
24) Nitrobenzene	7.46	77	526020	38.943	ng	96
25) Isophorone	7.69	82	921953	38.156	ng	97
26) 2-Nitrophenol	7.77	139	258208	40.606	ng	91
27) 2,4-Dimethylphenol	7.80	122	375301	38.612	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	549144	38.655	ng	99
29) 2,4-Dichlorophenol	8.02	162	360254	38.713	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	382853	38.634	ng	99
31) Naphthalene	8.17	128	1309335	38.171	ng	99
32) Benzoic acid	7.95	122	314528	44.249	ng	98
33) 4-Chloroaniline	8.23	127	571866	38.635	ng	98
34) Hexachlorobutadiene	8.29	225	197722	38.316	ng	99
35) Caprolactam	8.61	113	131438	40.188	ng	# 84
36) 4-Chloro-3-methylphenol	8.71	107	408528	38.922	ng	97
37) 2-Methylnaphthalene	8.87	142	839850	37.885	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	332345	38.416	ng	98
40) Hexachlorocyclopentadiene	9.02	237	89361	34.933	ng	99

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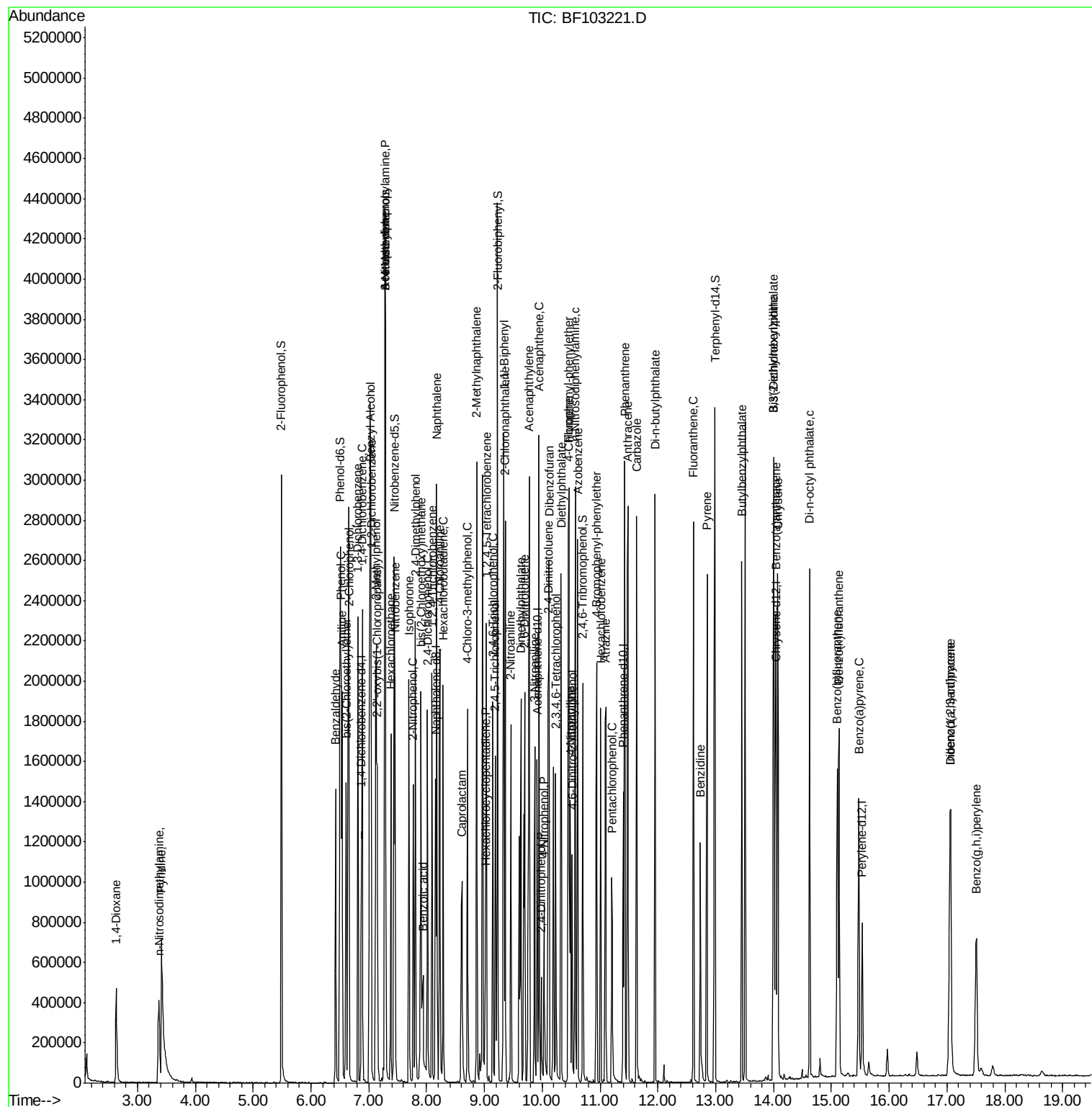
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	230912	39.667	ng	98
43) 2,4,5-Trichlorophenol	9.19	196	255907	38.222	ng	98
45) 1,1'-Biphenyl	9.33	154	996585	37.582	ng	98
46) 2-Chloronaphthalene	9.36	162	789846	37.650	ng	99
47) 2-Nitroaniline	9.46	65	306618	39.457	ng	87
48) Acenaphthylene	9.77	152	1208599	37.443	ng	100
49) Dimethylphthalate	9.63	163	954363	37.593	ng	99
50) 2,6-Dinitrotoluene	9.70	165	207598	38.967	ng	91
51) Acenaphthene	9.95	154	705695	37.494	ng	98
52) 3-Nitroaniline	9.87	138	266443	39.420	ng	98
53) 2,4-Dinitrophenol	9.98	184	61353	37.669	ng	# 19
54) Dibenzofuran	10.12	168	997209	38.596	ng	95
55) 4-Nitrophenol	10.03	139	150058	35.821	ng	93
56) 2,4-Dinitrotoluene	10.10	165	265230	39.364	ng	# 92
57) Fluorene	10.46	166	786585	35.738	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	174574	38.814	ng	98
59) Diethylphthalate	10.33	149	894848	36.855	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	347408	37.221	ng	96
61) 4-Nitroaniline	10.49	138	260024	38.516	ng	95
62) Azobenzene	10.61	77	944819	38.229	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	120639	38.666	ng	92
65) n-Nitrosodiphenylamine	10.57	169	713158	38.836	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	214292	39.005	ng	97
67) Hexachlorobenzene	11.01	284	231915	38.891	ng	97
68) Atrazine	11.10	200	209438	37.945	ng	98
69) Pentachlorophenol	11.20	266	113452	39.348	ng	98
70) Phenanthrene	11.43	178	1079747	37.201	ng	99
71) Anthracene	11.48	178	1139111	38.273	ng	99
72) Carbazole	11.63	167	1120477	37.804	ng	99
73) Di-n-butylphthalate	11.95	149	1404651	37.874	ng	100
74) Fluoranthene	12.62	202	1091352	37.418	ng	99
76) Benzidine	12.73	184	493653	37.737	ng	99
77) Pyrene	12.85	202	1120839	41.085	ng	99
79) Butylbenzylphthalate	13.45	149	581154	40.320	ng	95
80) Benzo(a)anthracene	14.04	228	886777	39.059	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	319338	39.413	ng	98
82) Chrysene	14.07	228	857178	38.884	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	773801	39.783	ng	# 98
84) Di-n-octyl phthalate	14.63	149	1170497	37.246	ng	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	719854	41.247	ng	99
87) Benzo(b)fluoranthene	15.10	252	780584	38.712	ng	99
88) Benzo(k)fluoranthene	15.13	252	734875	38.703	ng	99
89) Benzo(a)pyrene	15.47	252	704684	39.136	ng	# 97
90) Dibenzo(a,h)anthracene	17.06	278	597022	42.909	ng	99
91) Benzo(g,h,i)perylene	17.51	276	604102	44.425	ng	95

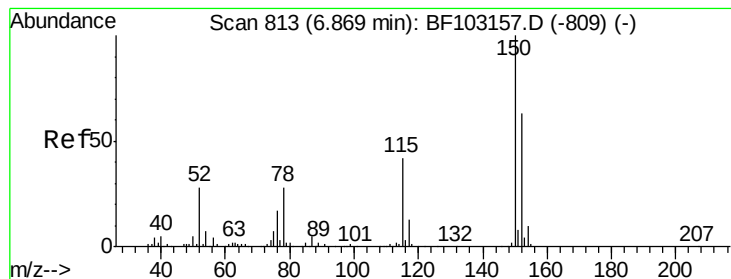
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

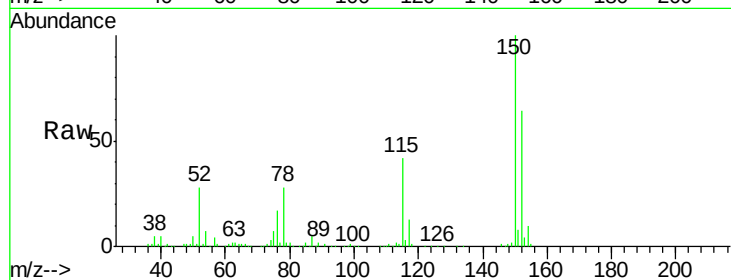
Tot Ion:152 Resp: 166277

Ion Ratio Lower Upper

152 100

150 157.4 124.6 186.8

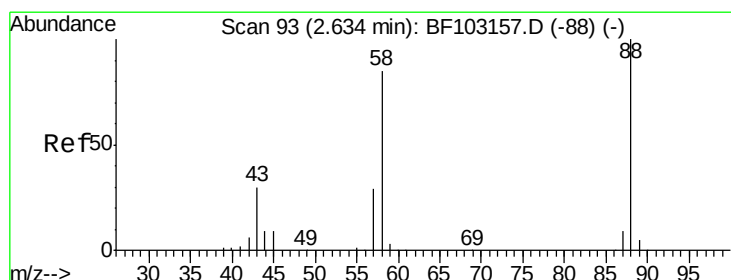
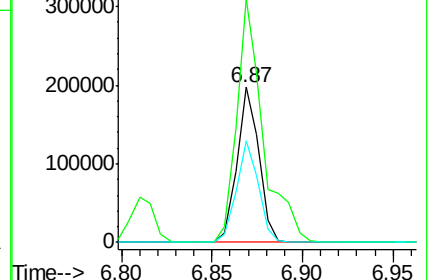
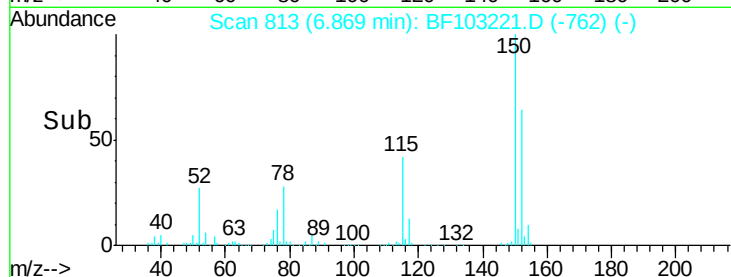
115 65.5 50.1 75.1



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



#2

1,4-Dioxane

Concen: 40.173 ng

RT: 2.63 min Scan# 92

Delta R.T. -0.01 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

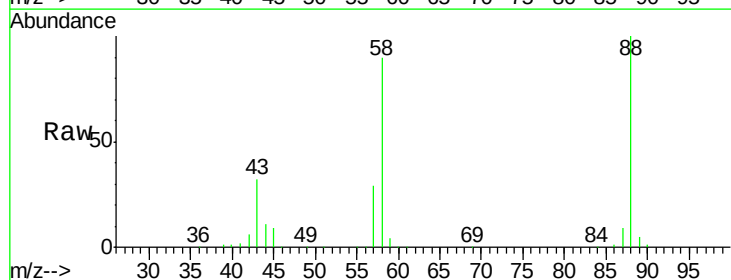
Tgt Ion: 88 Resp: 233272

Ion Ratio Lower Upper

88 100

58 87.4 62.6 93.8

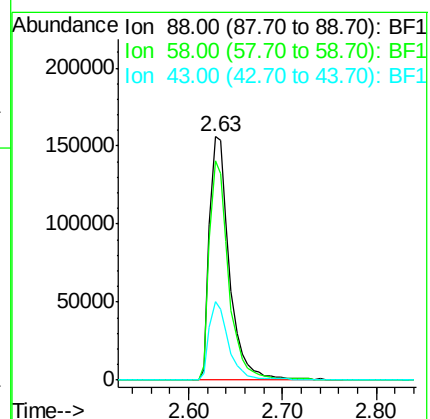
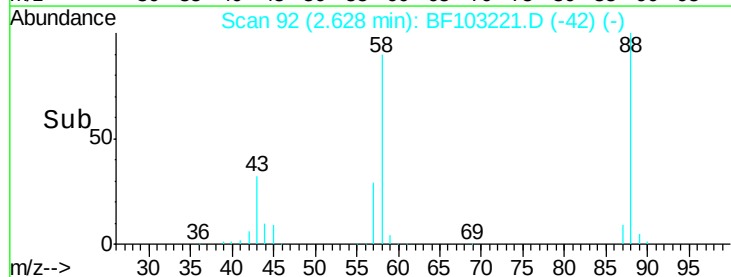
43 31.9 24.6 37.0

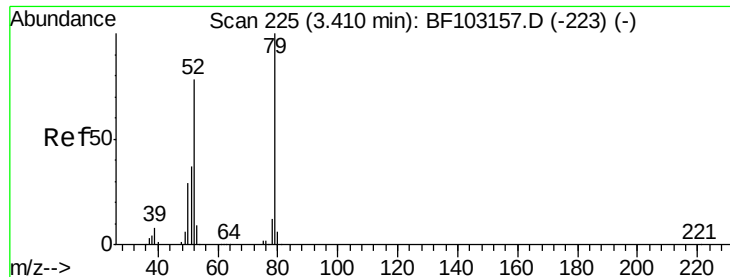


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 42.000 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.01 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

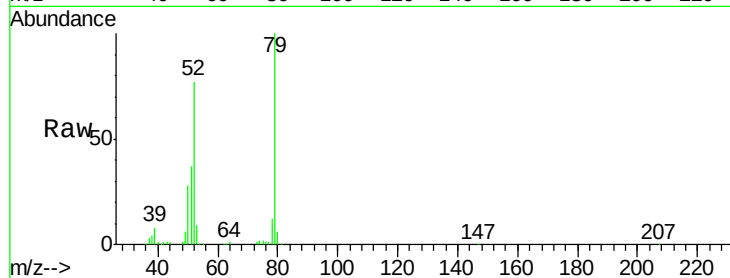
Tot Ion: 79 Resp: 651078

Ion Ratio Lower Upper

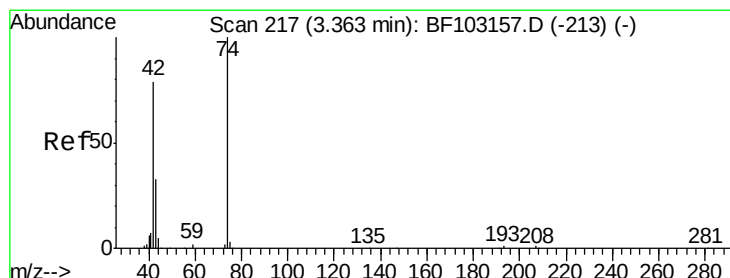
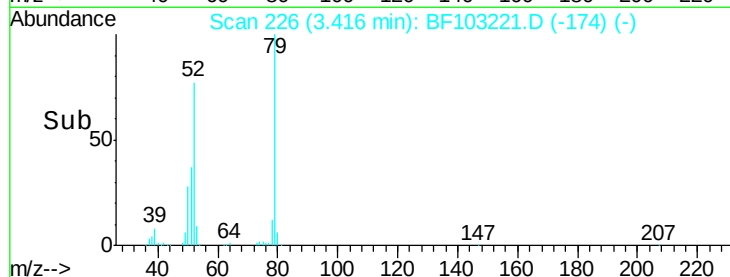
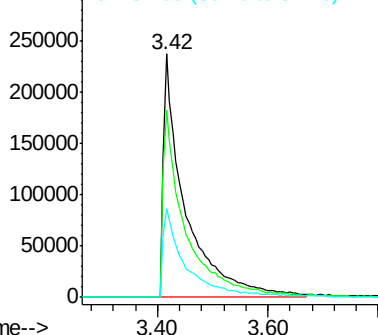
79 100

52 76.7 59.8 89.6

51 36.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.998 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

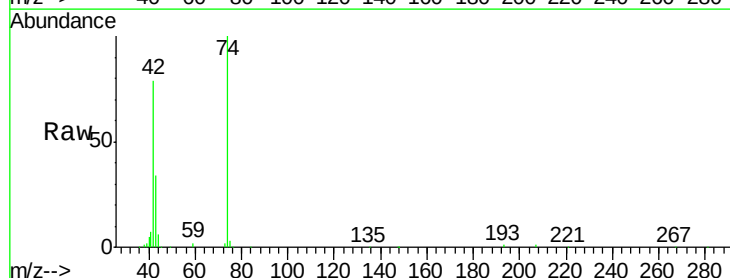
Tgt Ion: 42 Resp: 256317

Ion Ratio Lower Upper

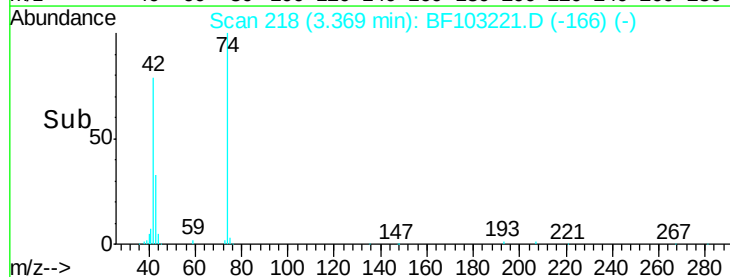
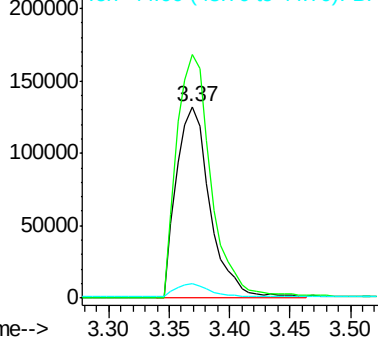
42 100

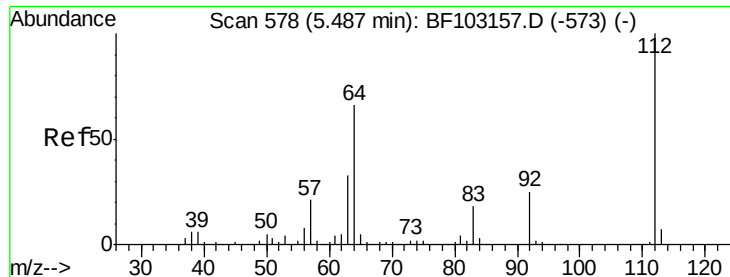
74 127.0 104.9 157.3

44 7.4 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.714 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.00 min

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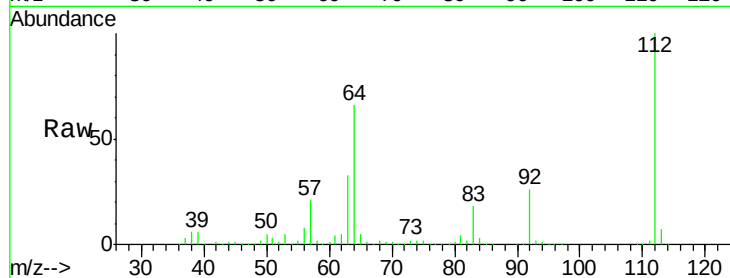
Tot Ion: 112 Resp: 876381

Ion Ratio Lower Upper

112 100

64 65.8 47.9 71.9

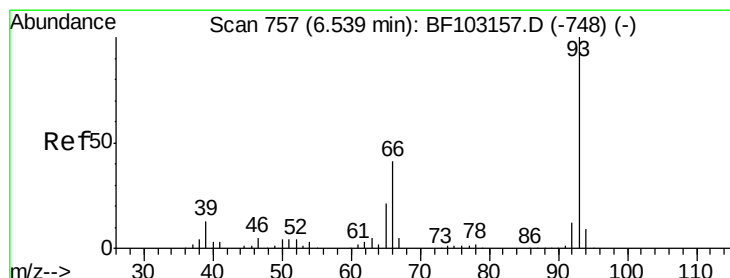
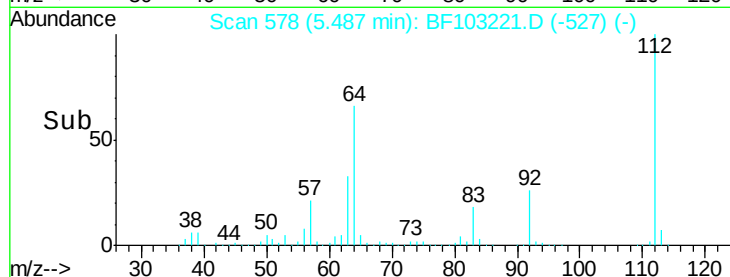
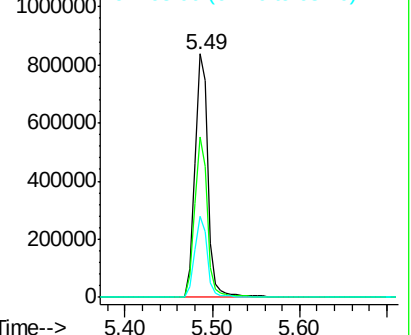
63 33.3 23.7 35.5



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



#6

Aniline

Concen: 39.764 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

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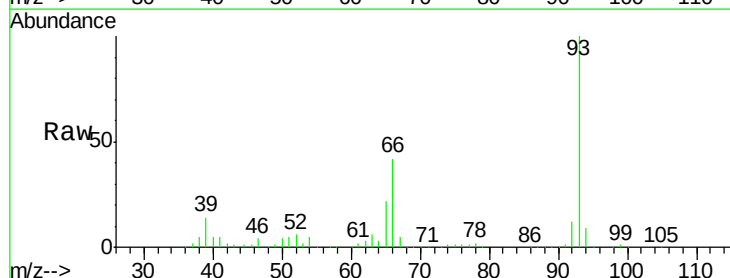
Tgt Ion: 93 Resp: 772043

Ion Ratio Lower Upper

93 100

66 41.9 32.2 48.2

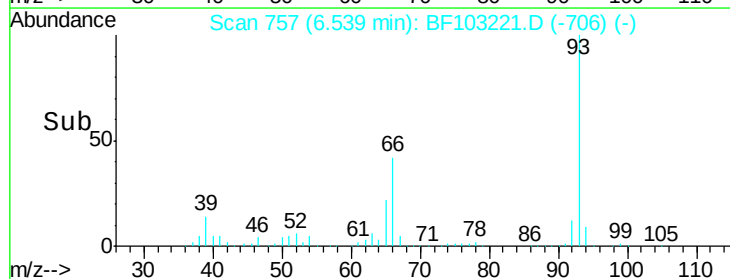
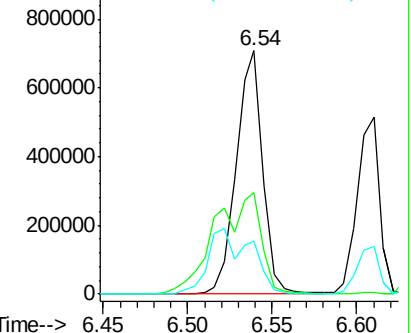
65 21.6 16.4 24.6

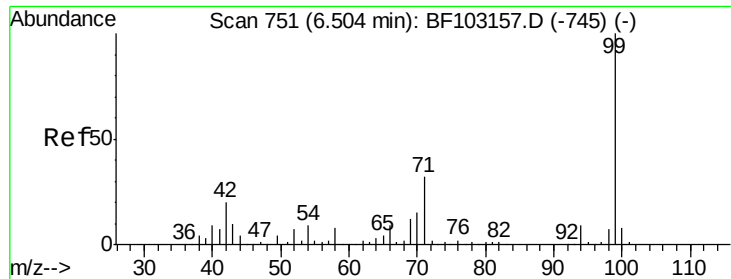


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.447 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Instrument :

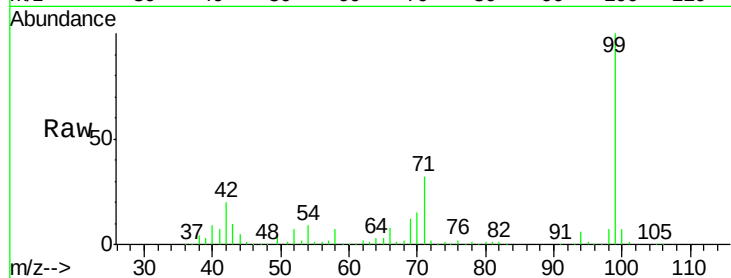
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1041884

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	31.8	25.4	38.0

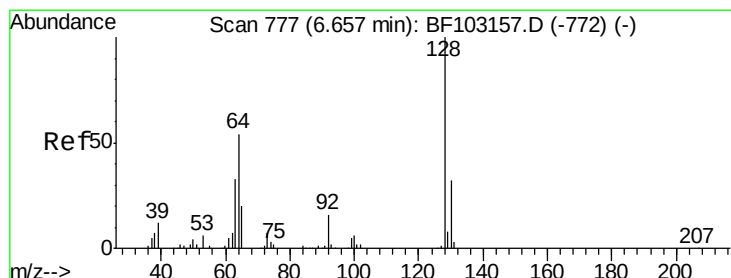
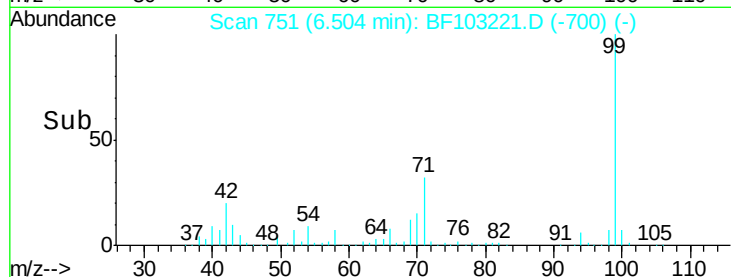
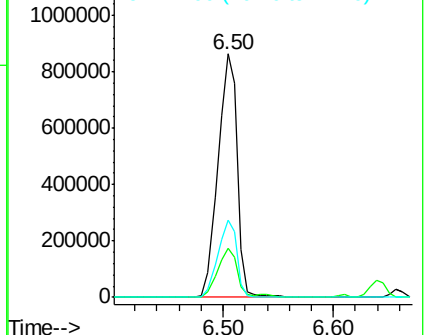


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.330 ng

RT: 6.66 min Scan# 777

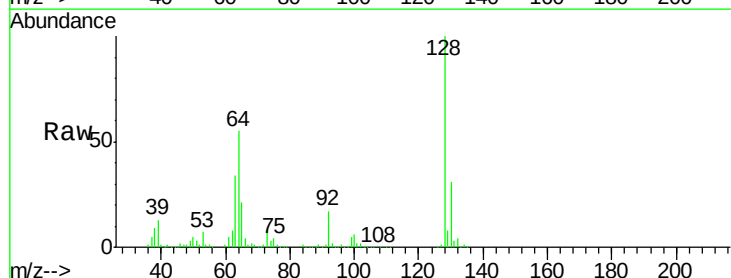
Delta R.T. -0.00 min

Lab File: BF103221.D

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Tgt Ion: 128 Resp: 449185

Ion	Ratio	Lower	Upper
128	100		
130	31.3	13.0	53.0
64	54.9	29.4	69.4

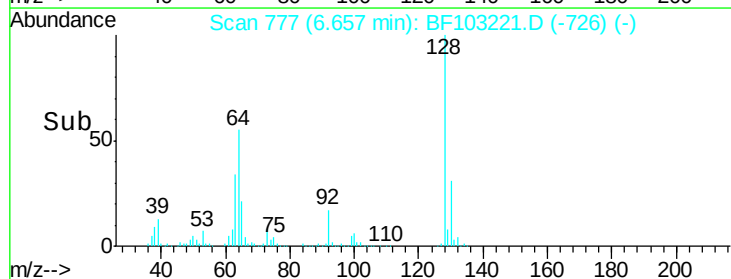
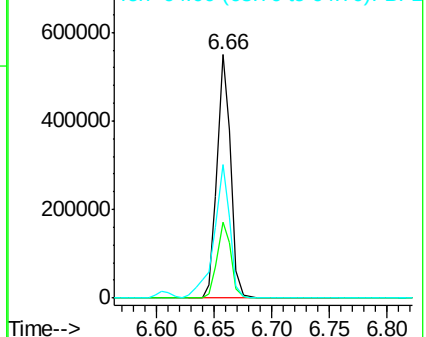


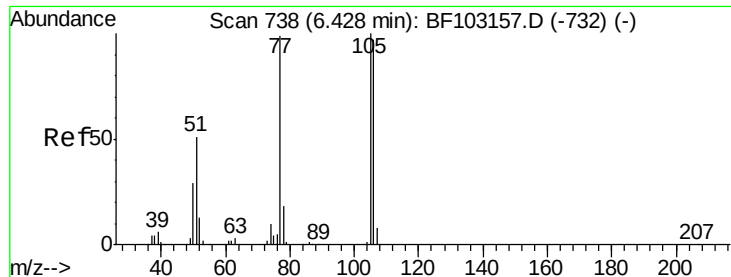
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.285 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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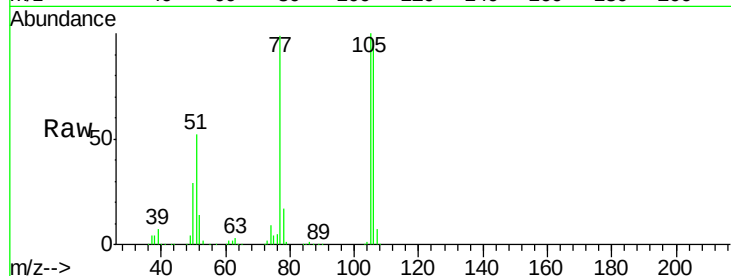
Tot Ion: 77 Resp: 317010

Ion Ratio Lower Upper

77 100

105 100.8 81.1 121.1

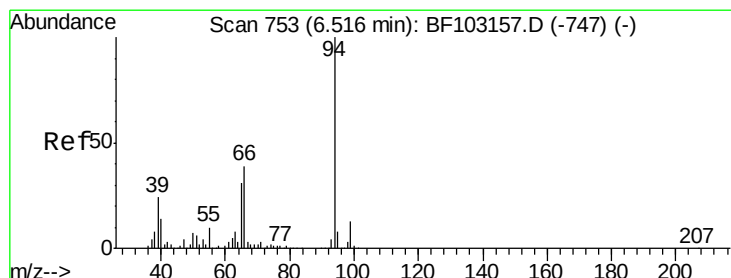
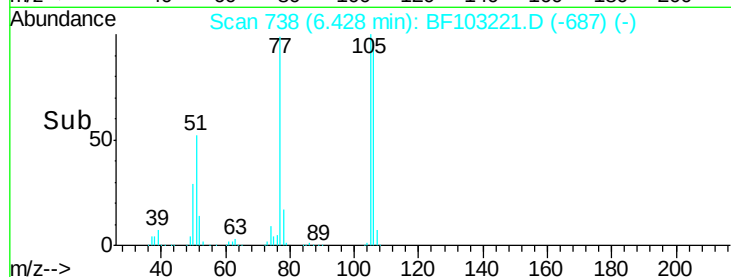
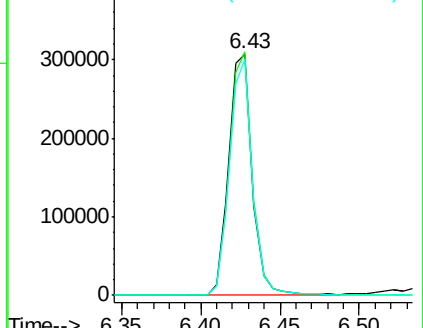
106 97.6 74.5 114.5



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: 39.473 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

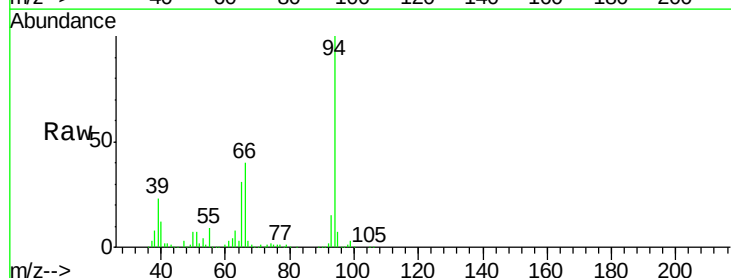
Tgt Ion: 94 Resp: 616458

Ion Ratio Lower Upper

94 100

65 30.7 7.9 47.9

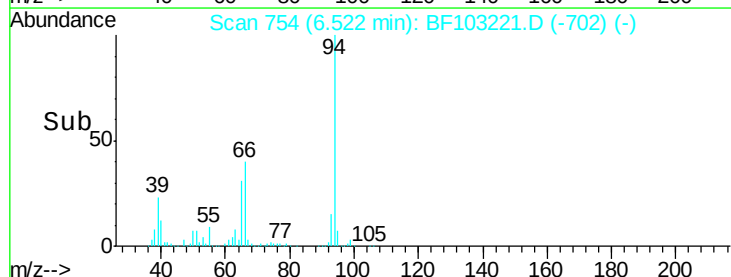
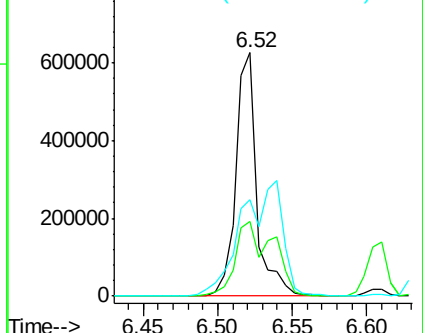
66 39.8 16.2 56.2

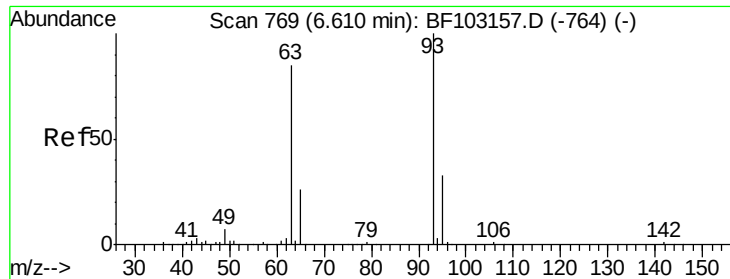


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

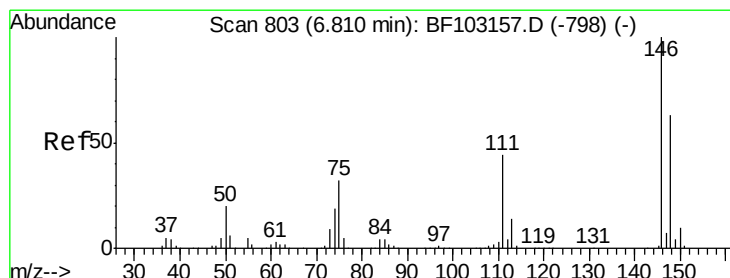
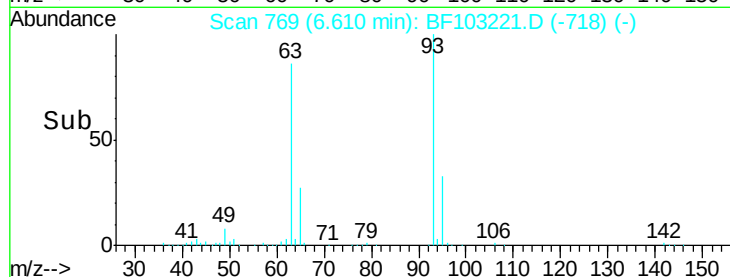
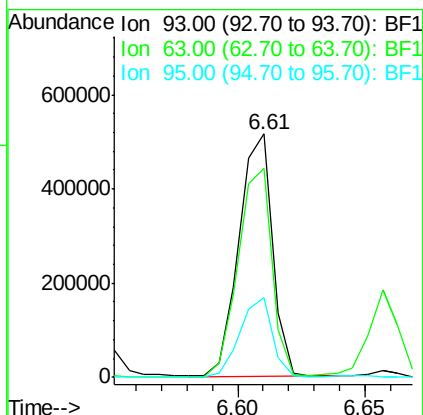
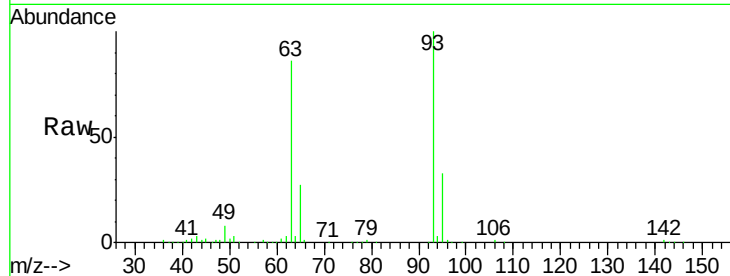




#11
bis(2-Chloroethyl)ether
Concen: 39.921 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

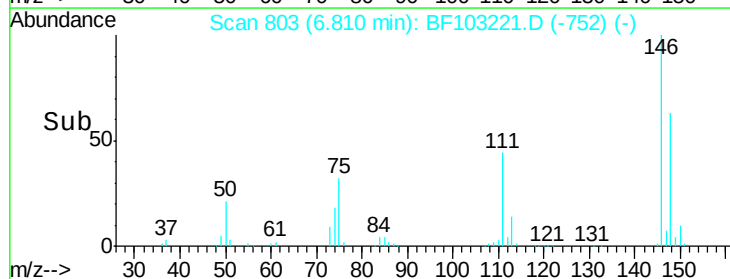
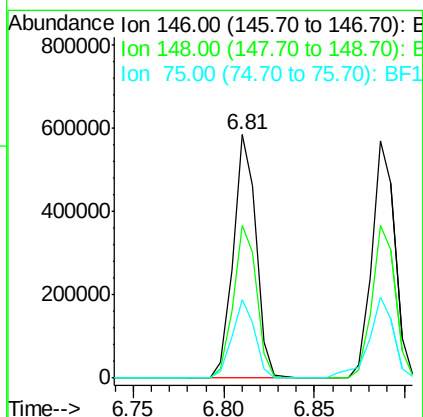
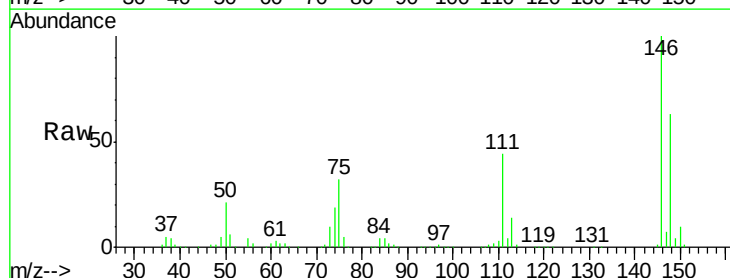
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

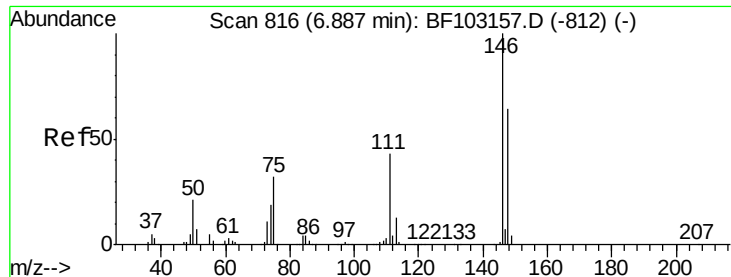
Tot Ion: 93 Resp: 473193
Ion Ratio Lower Upper
93 100
63 85.9 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.327 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Tgt Ion: 146 Resp: 513276
Ion Ratio Lower Upper
146 100
148 62.8 51.8 77.8
75 32.2 24.2 36.4

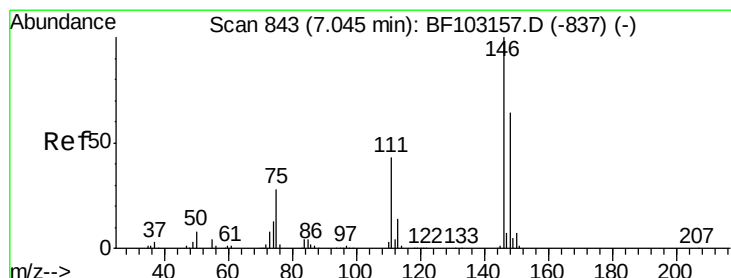
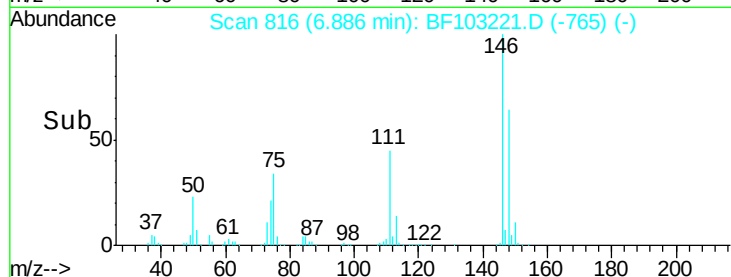
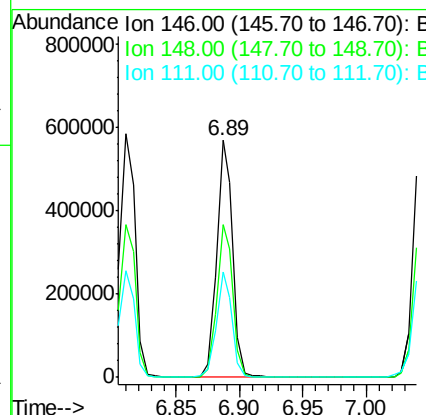
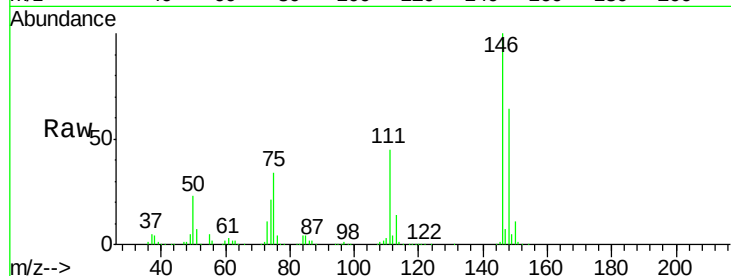




#13
 1,4-Dichlorobenzene
 Concen: 38.722 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

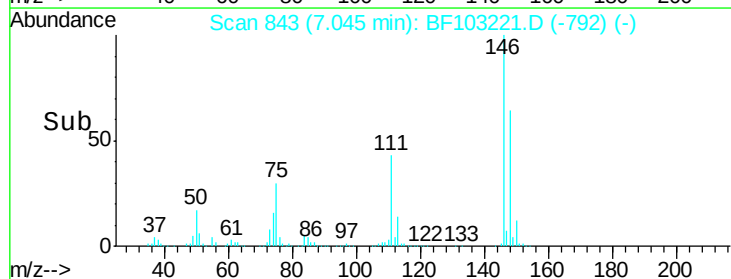
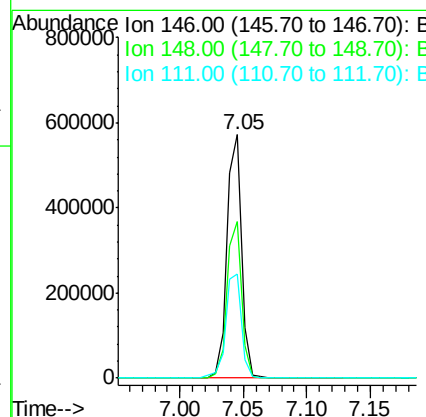
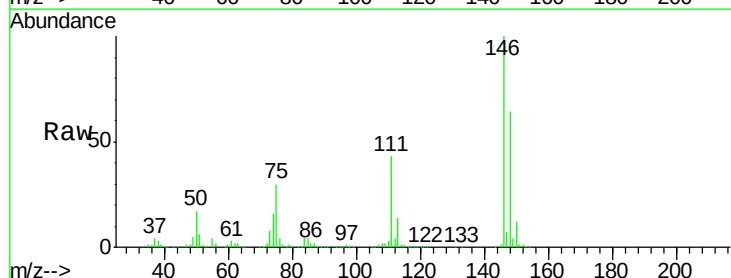
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

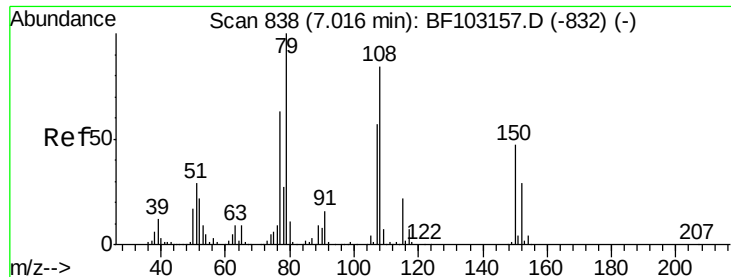
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	44.6	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.394 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	42.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.343 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

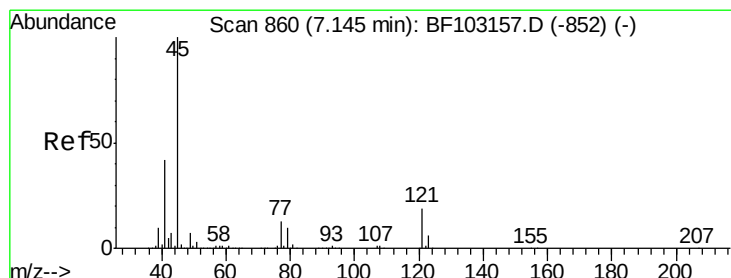
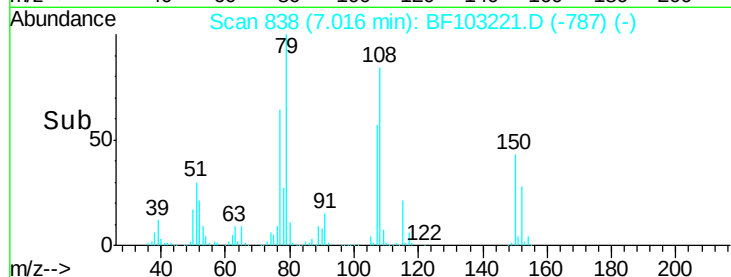
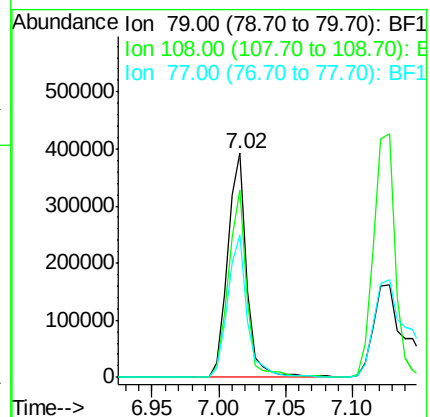
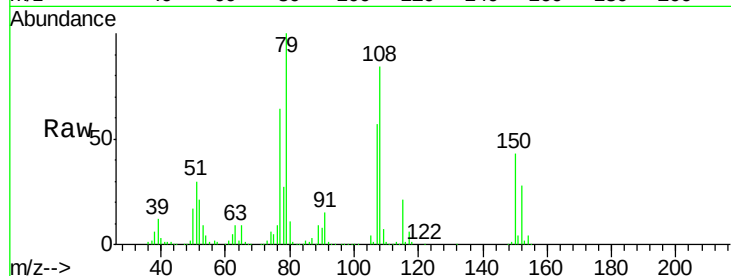
Tot Ion: 79 Resp: 398833

Ion Ratio Lower Upper

79 100

108 83.5 65.1 97.7

77 63.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.405 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

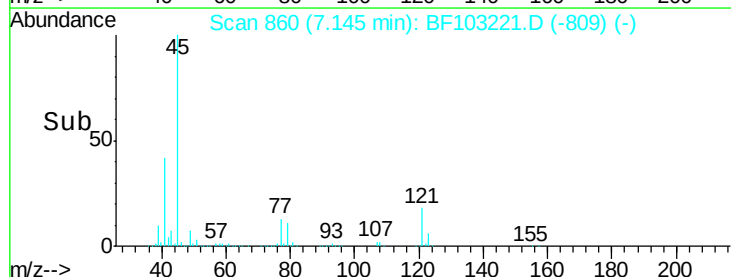
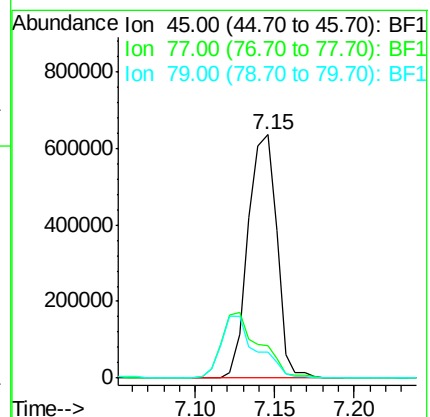
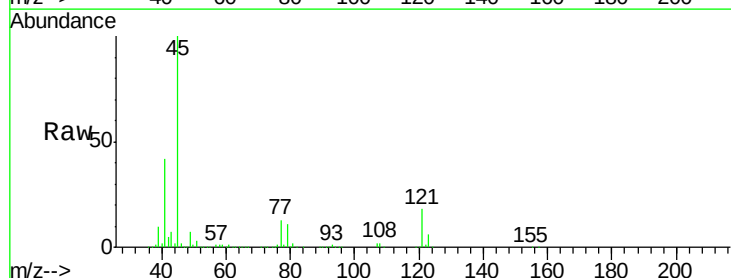
Tgt Ion: 45 Resp: 802060

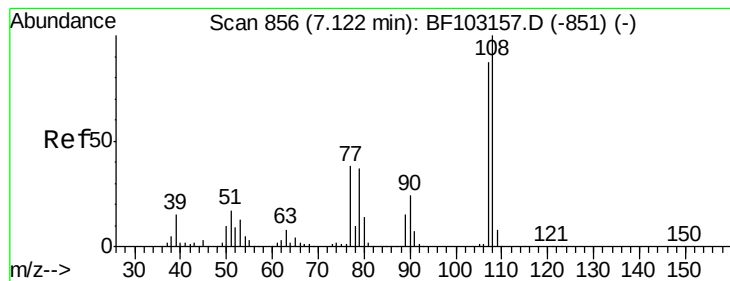
Ion Ratio Lower Upper

45 100

77 13.1 0.0 32.9

79 10.6 0.0 29.6





#17

2-Methylphenol

Concen: 39.491 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 409881

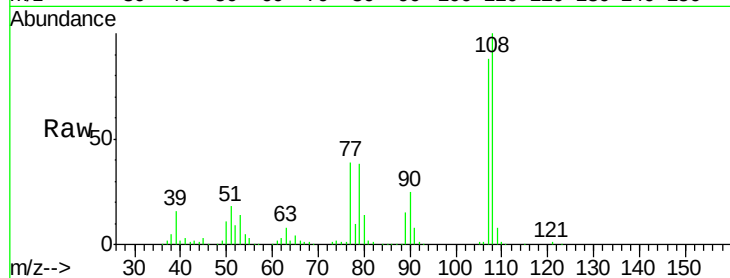
Ion Ratio Lower Upper

107 100

108 113.4 91.7 137.5

77 44.7 33.8 50.8

79 43.4 33.8 50.8

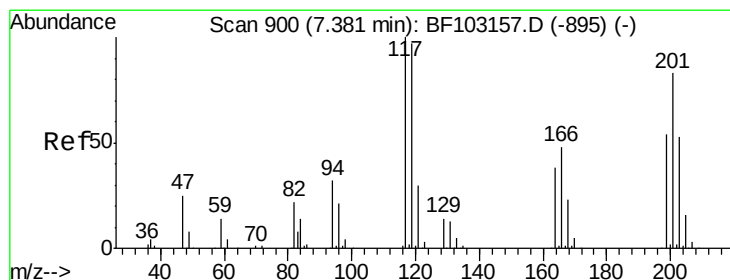
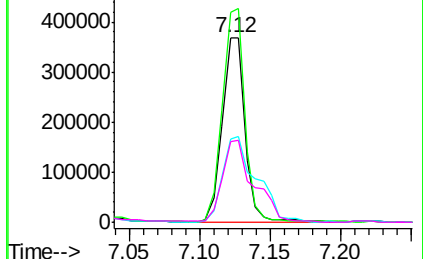
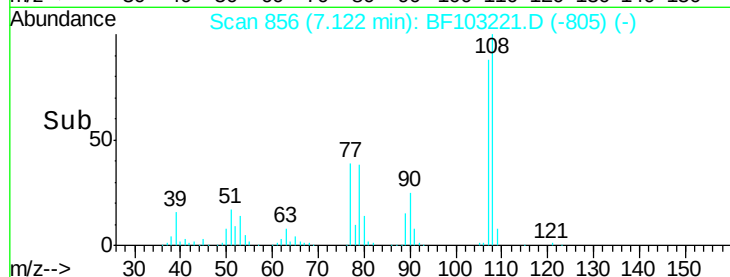


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.447 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

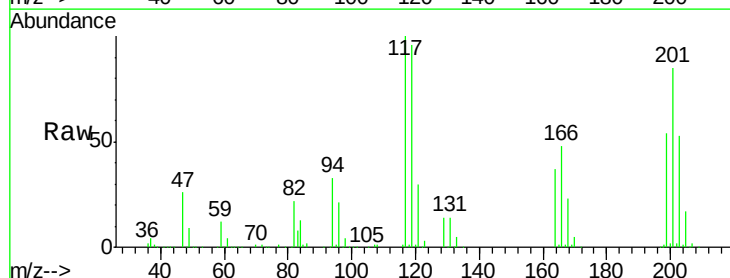
Tgt Ion:117 Resp: 187909

Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.8

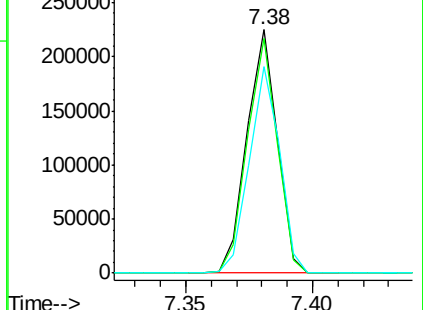
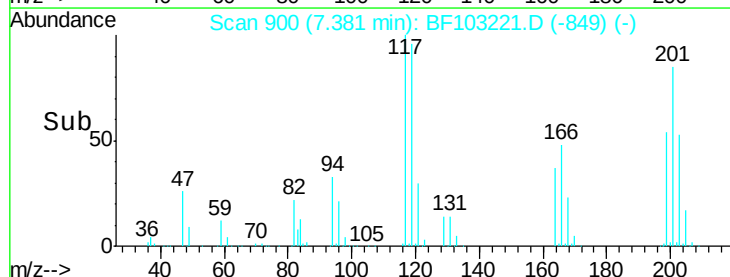
201 84.7 75.7 113.5

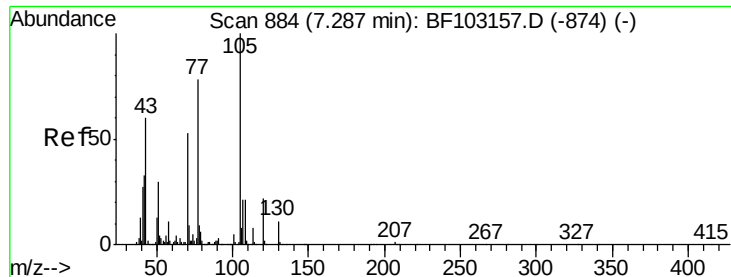


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

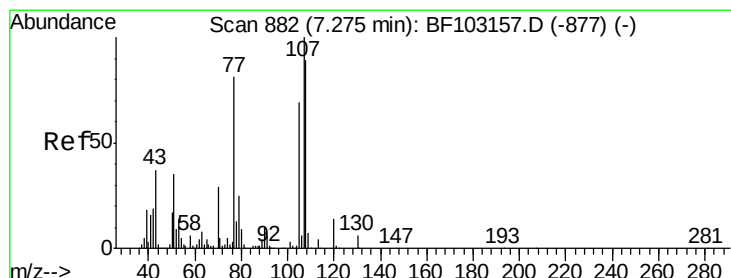
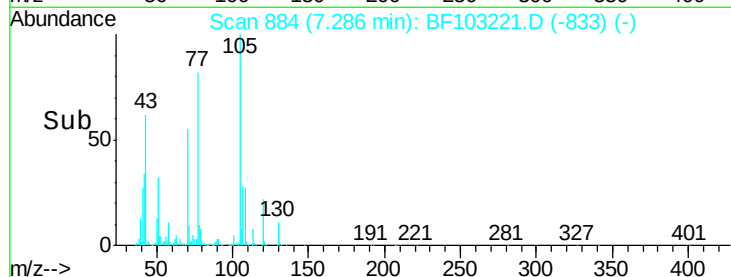
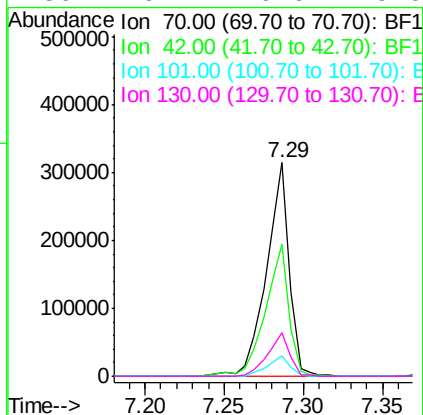
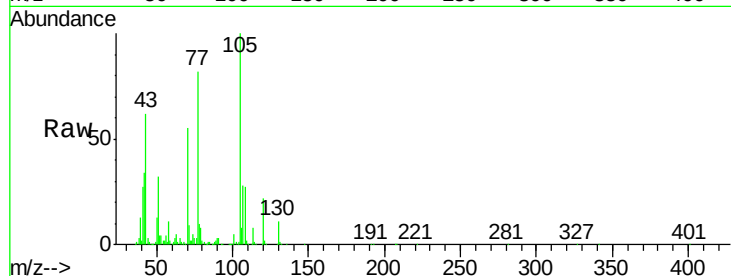




#19
n-Nitroso-di-n-propylamine
Concen: 37.751 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

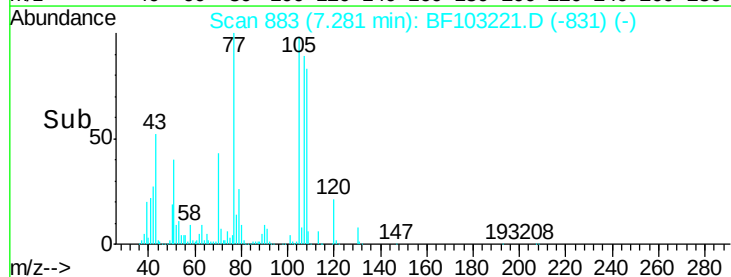
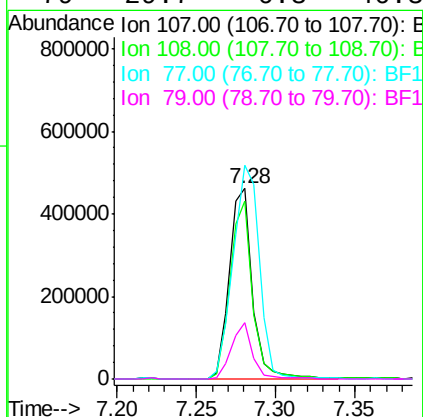
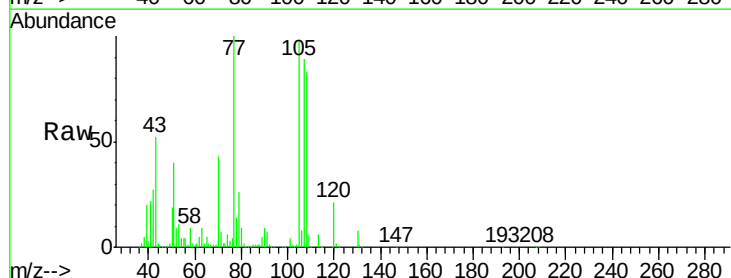
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

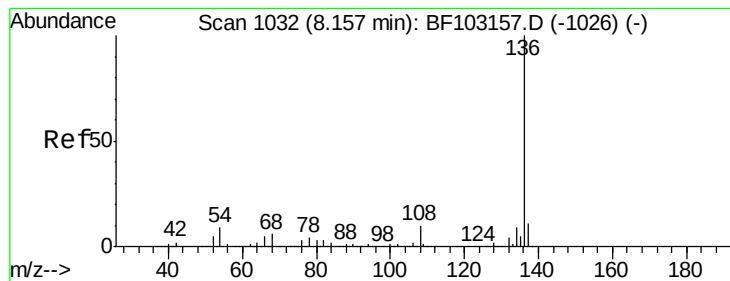
Tot Ion: 70 Resp: 316070
Ion Ratio Lower Upper
70 100
42 61.9 47.5 71.3
101 9.7 7.4 11.2
130 20.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.736 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Tgt Ion: 107 Resp: 464779
Ion Ratio Lower Upper
107 100
108 93.2 68.2 108.2
77 112.2 26.7 66.7#
79 29.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 700631

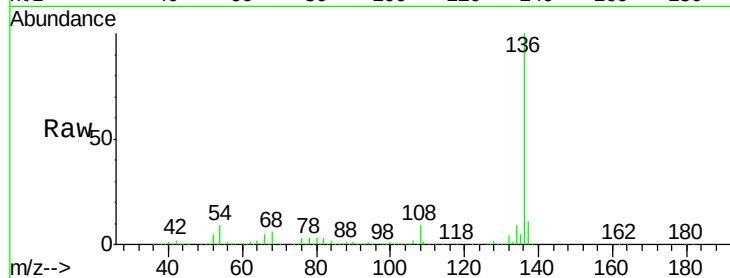
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 9.0 6.6 9.8

68 6.3 5.0 7.4

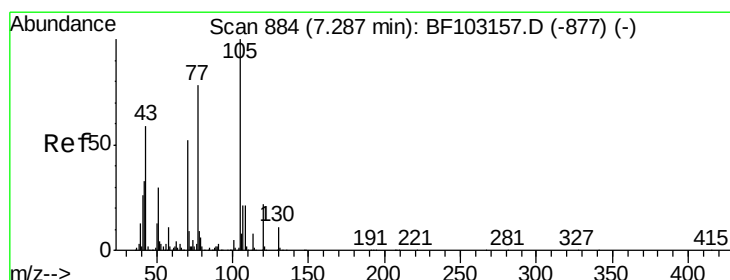
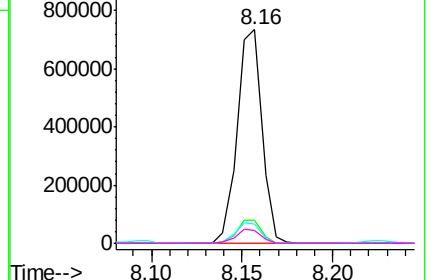
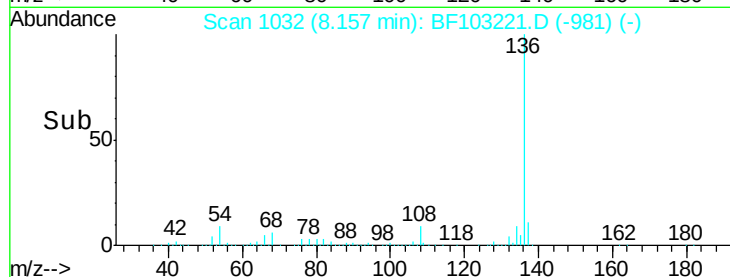


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.404 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Tgt Ion:105 Resp: 611707

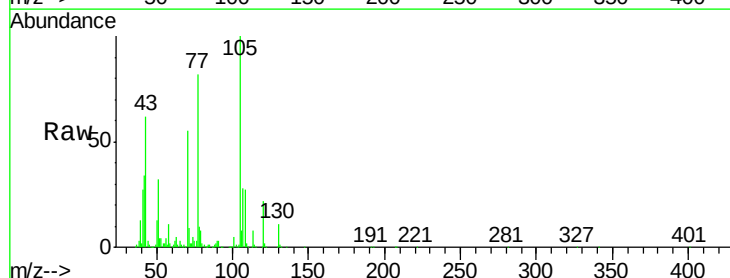
Ion Ratio Lower Upper

105 100

71 9.1 4.4 6.6#

51 31.8 22.3 33.5

120 21.5 16.9 25.3

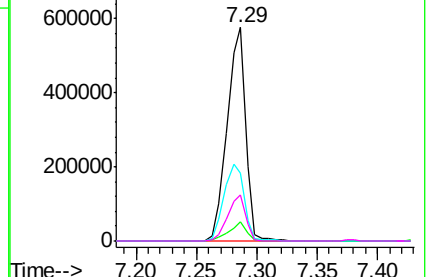
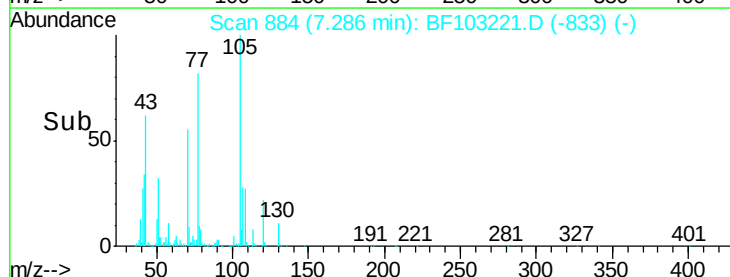


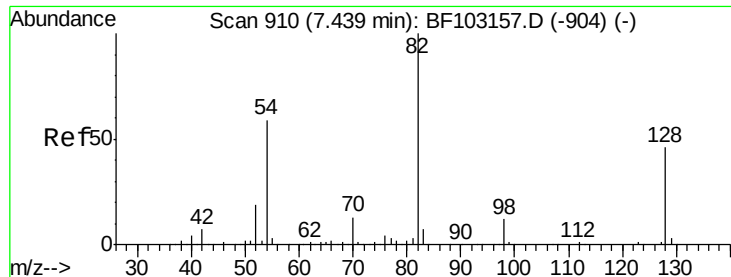
Abundance Ion 105.00 (104.70 to 105.70): E

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

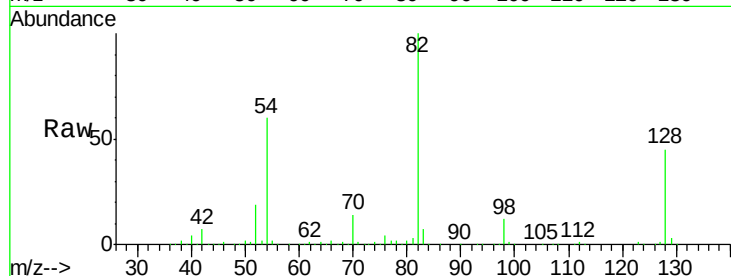




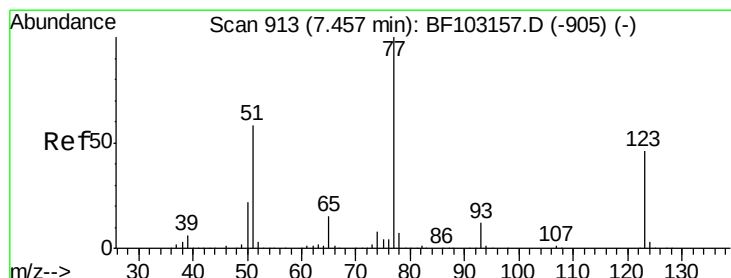
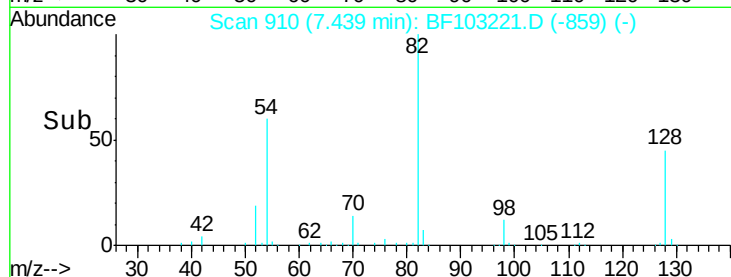
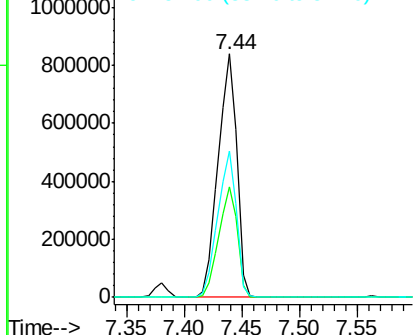
#23
 Nitrobenzene-d5
 Concen: 77.703 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 953299
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.1 54.1
 54 59.9 41.4 62.2

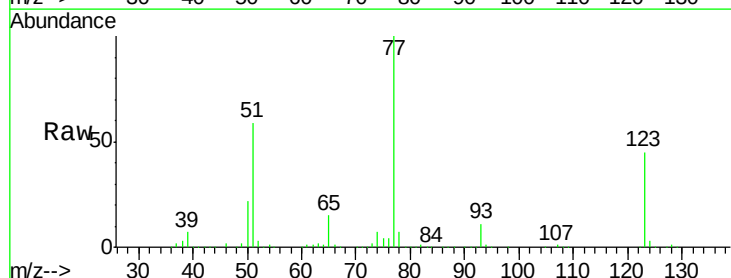


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

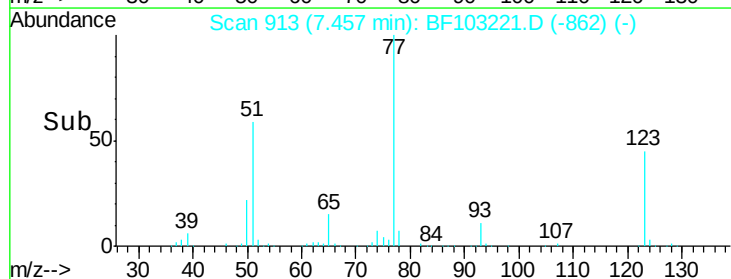
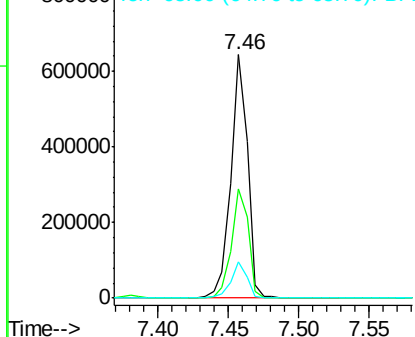


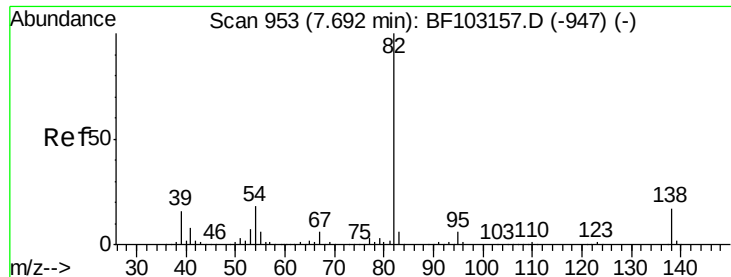
#24
 Nitrobenzene
 Concen: 38.943 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

Tgt Ion: 77 Resp: 526020
 Ion Ratio Lower Upper
 77 100
 123 44.7 37.9 56.9
 65 14.8 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: 38.156 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

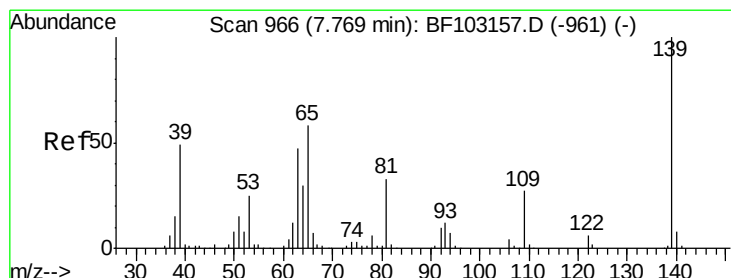
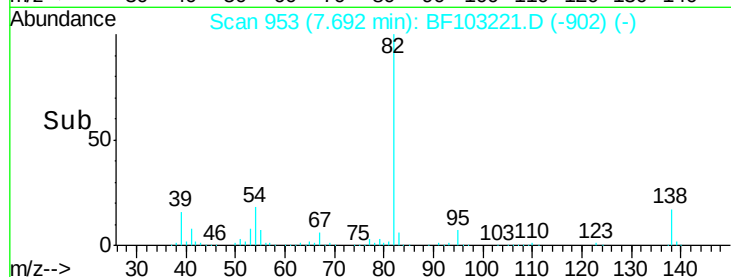
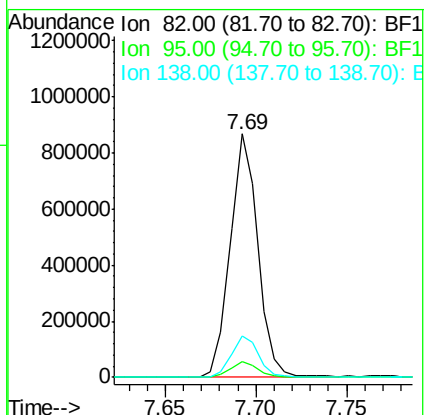
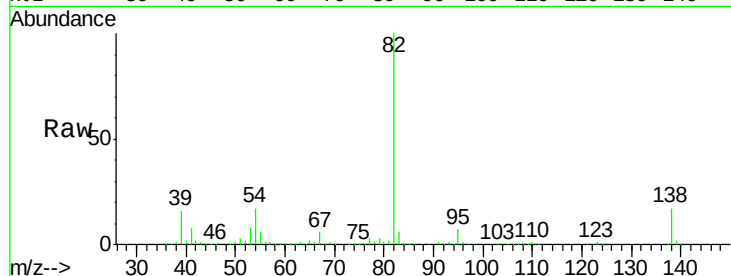
Tot Ion: 82 Resp: 921953

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 16.9 14.9 22.3



#26

2-Nitrophenol

Concen: 40.606 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

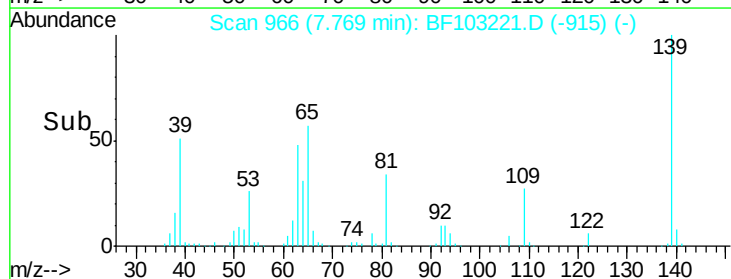
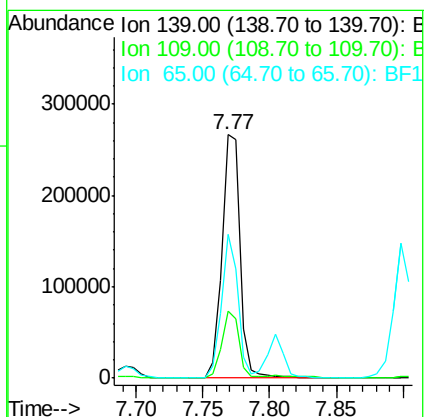
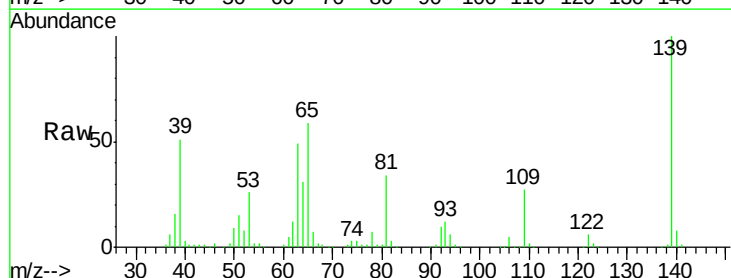
Tgt Ion: 139 Resp: 258208

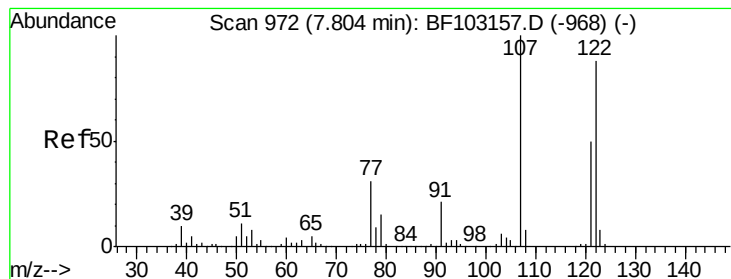
Ion Ratio Lower Upper

139 100

109 27.4 22.7 34.1

65 59.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.612 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

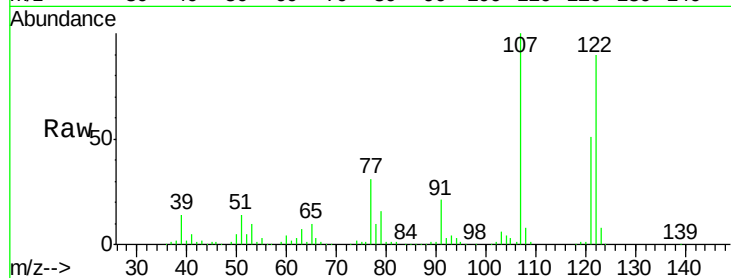
Tot Ion:122 Resp: 375301

Ion Ratio Lower Upper

122 100

107 111.7 91.2 136.8

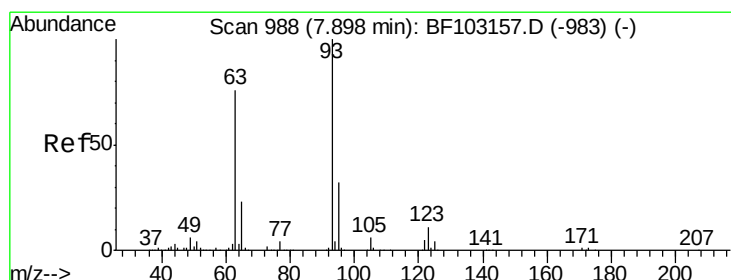
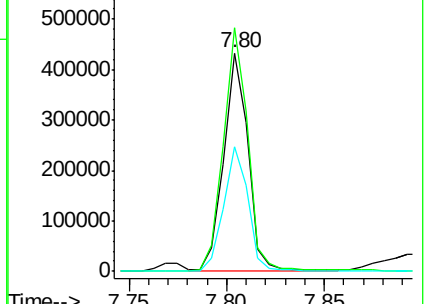
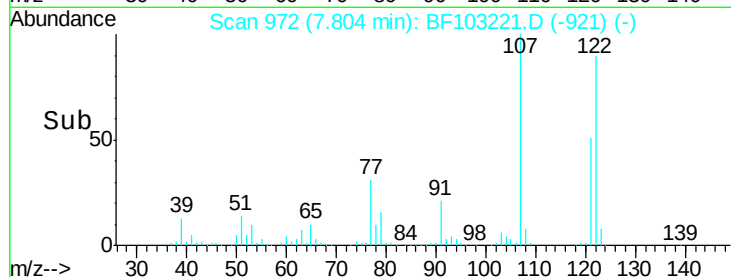
121 57.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.655 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

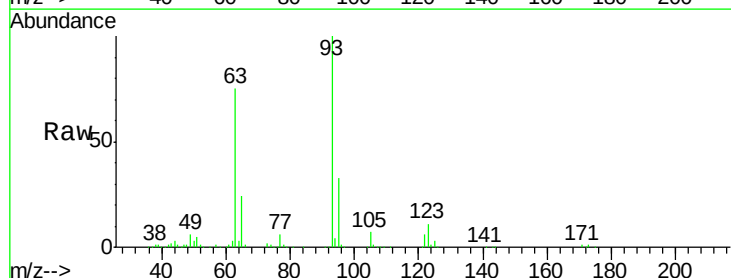
Tgt Ion: 93 Resp: 549144

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

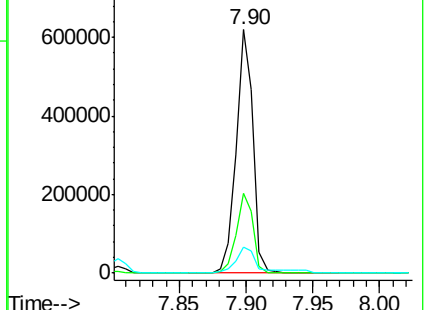
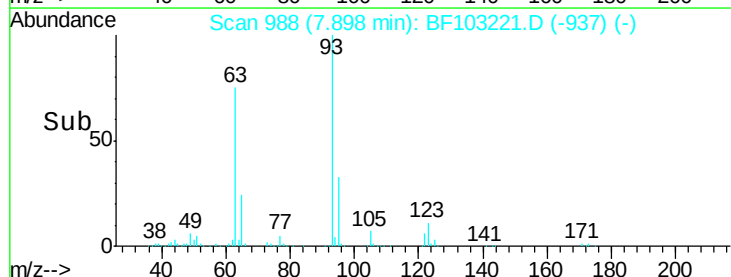
123 10.9 9.8 14.6

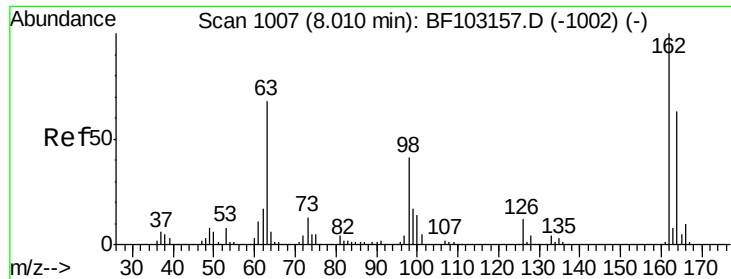


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

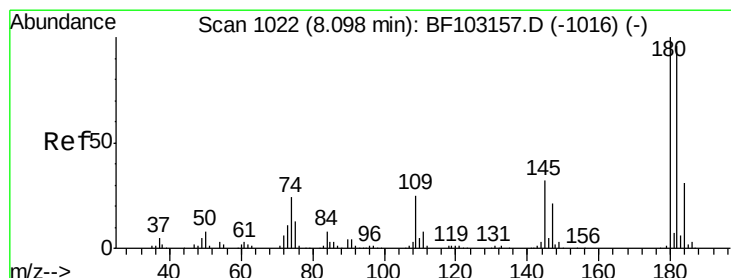
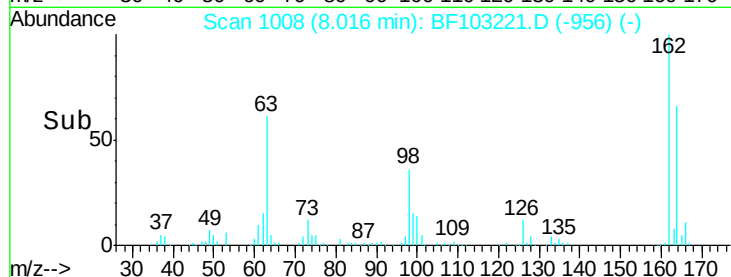
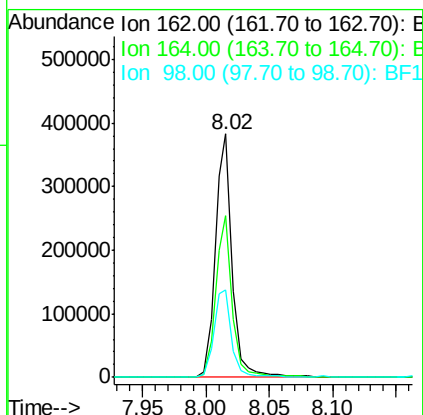
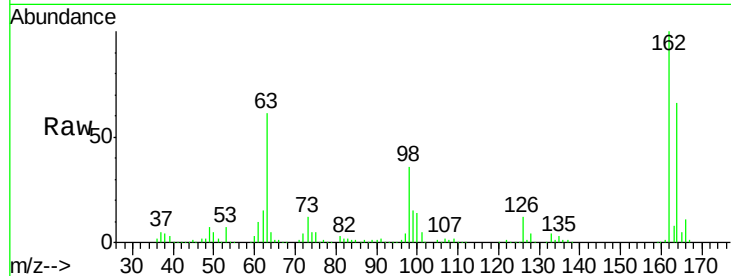




#29
 2,4-Dichlorophenol
 Concen: 38.713 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

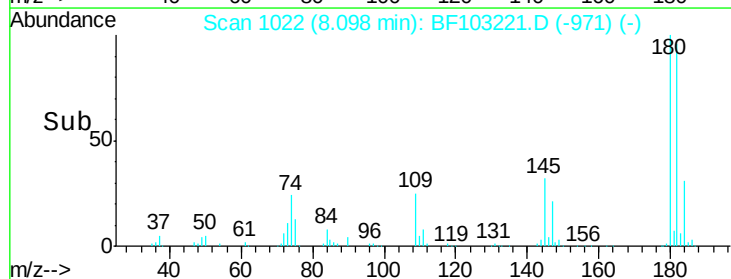
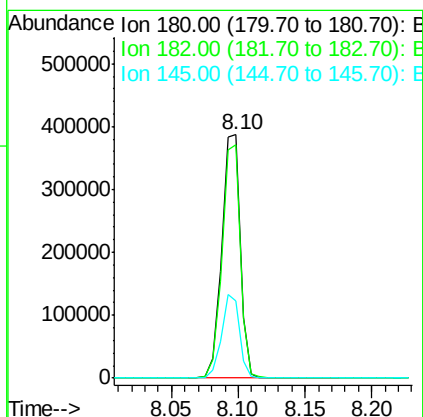
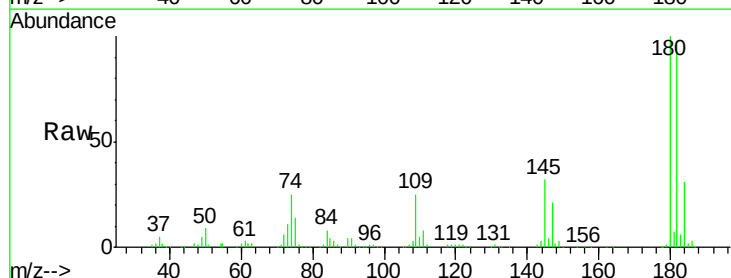
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

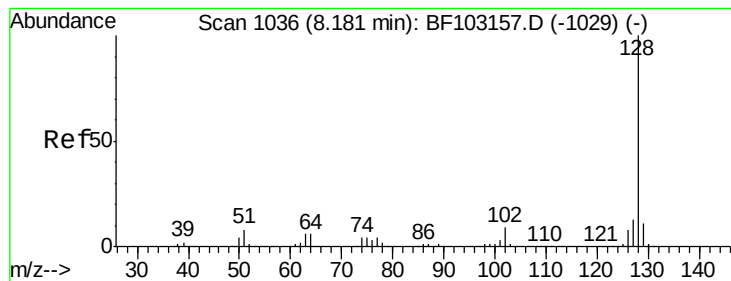
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	42.7	82.7
98	35.9	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.634 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.8	115.2
145	31.8	26.5	39.7





#31

Naphthalene

Concen: 38.171 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

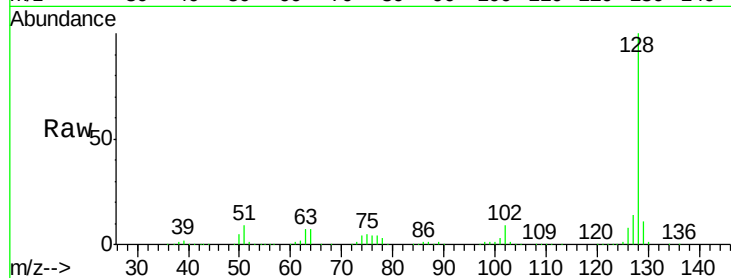
Tot Ion:128 Resp: 1309335

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

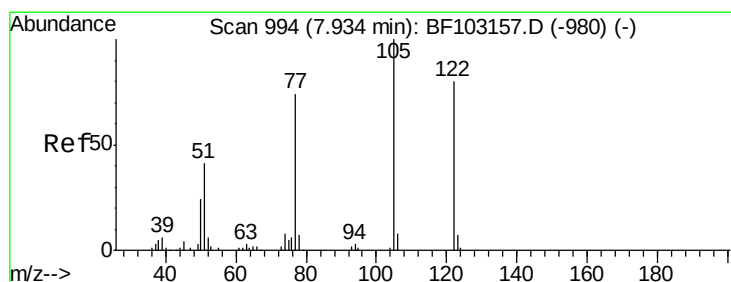
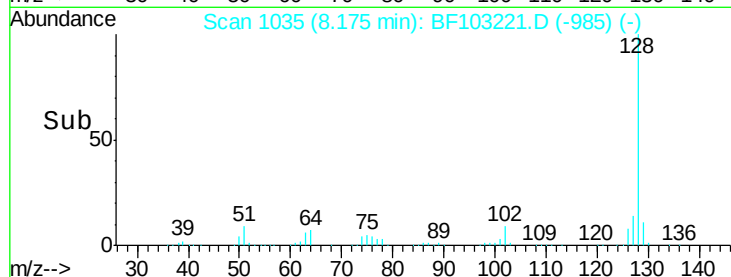
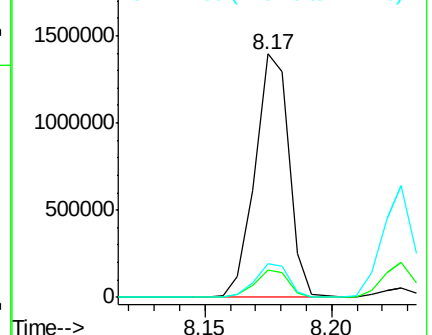
127 13.9 10.9 16.3



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: 44.249 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

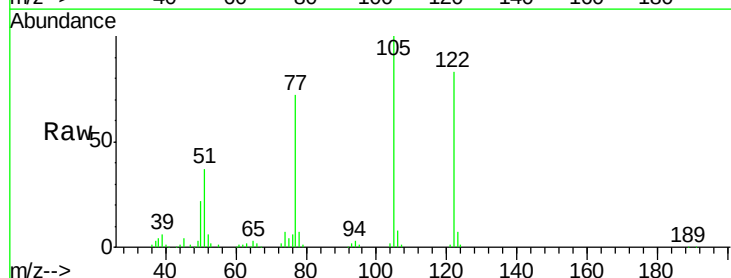
Tgt Ion:122 Resp: 314528

Ion Ratio Lower Upper

122 100

105 120.6 101.1 141.1

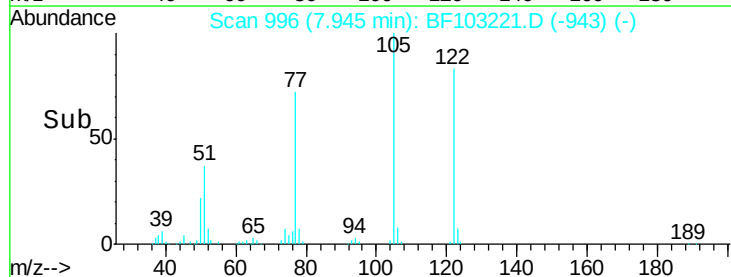
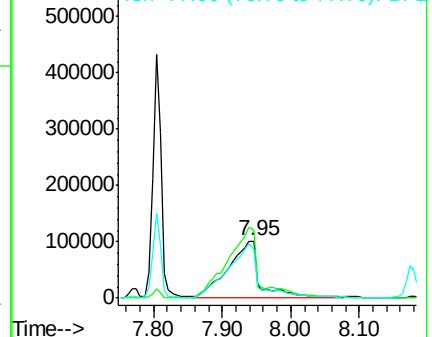
77 87.2 70.7 110.7

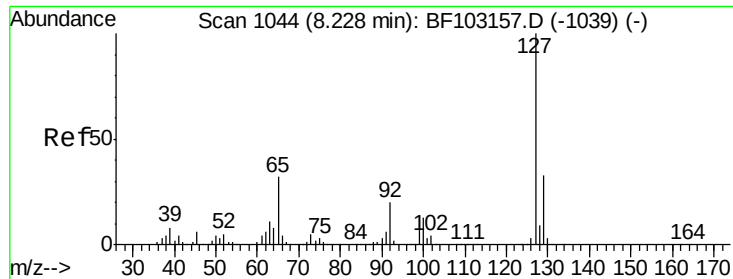


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

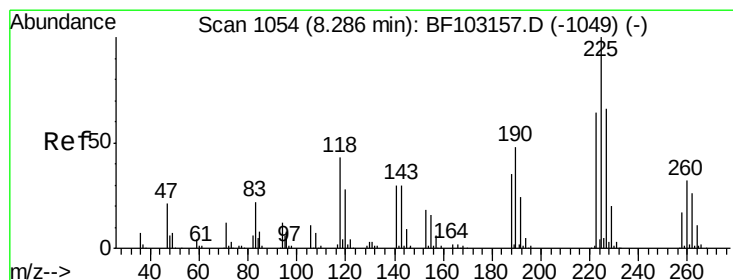
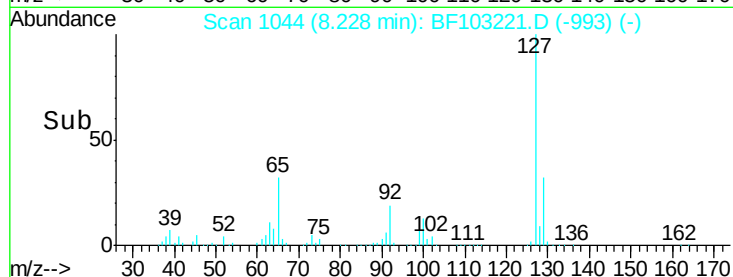
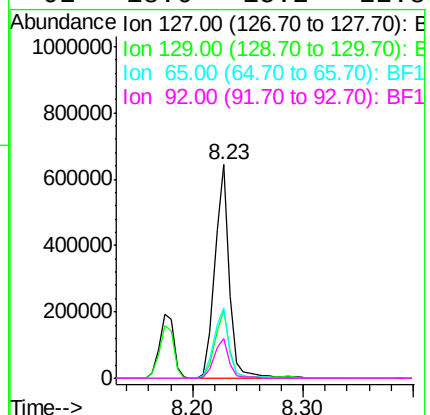
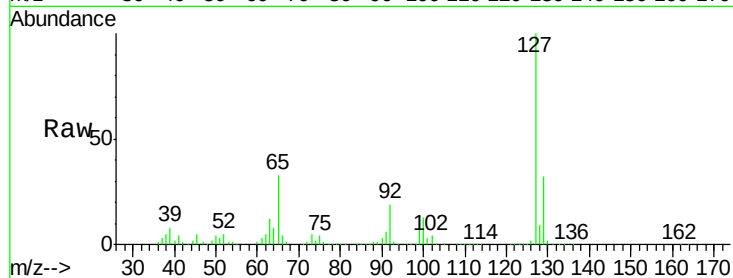




#33
4-Chloroaniline
Concen: 38.635 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

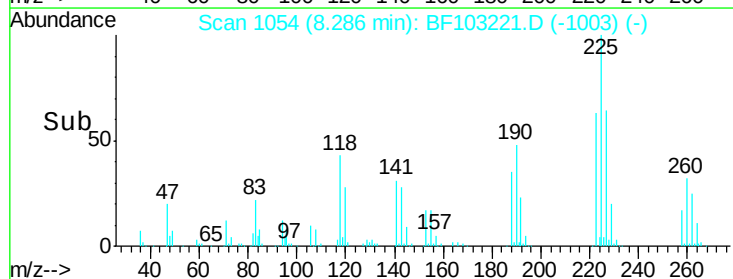
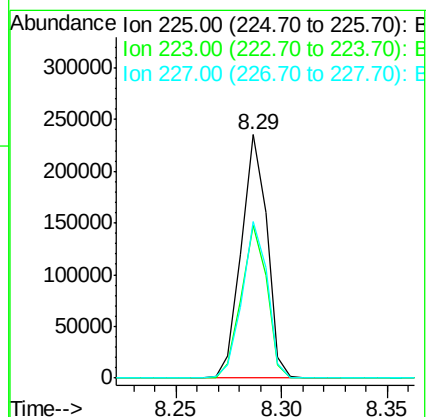
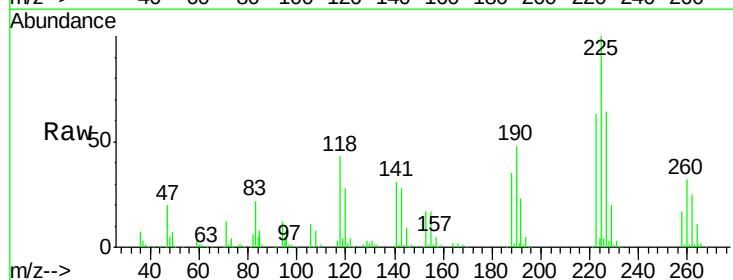
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

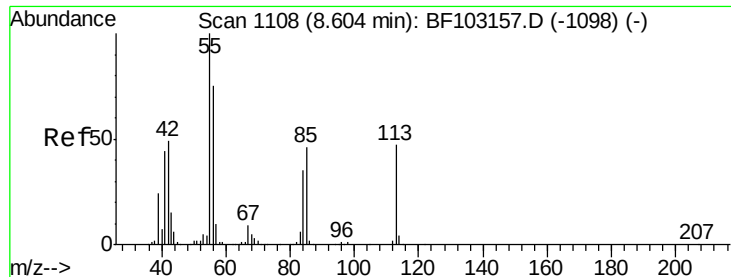
Tot Ion:	127	Resp:	571866
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	32.8	25.0	37.4
92	18.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.316 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Tgt Ion:	225	Resp:	197722
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	64.3	51.9	77.9





#35

Caprolactam

Concen: 40.188 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

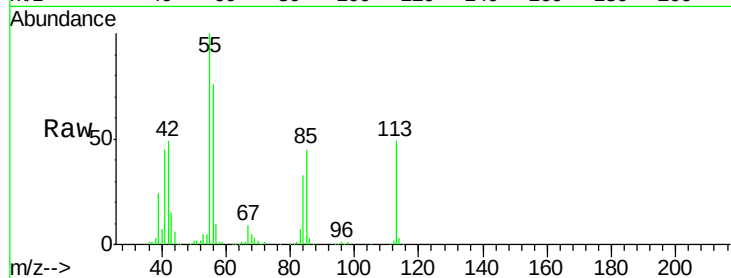
Tot Ion:113 Resp: 131438

Ion Ratio Lower Upper

113 100

55 205.5 163.3 203.3#

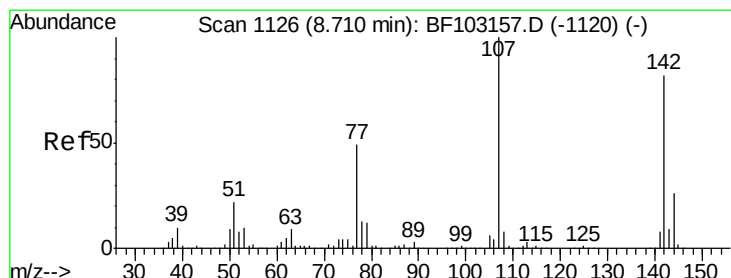
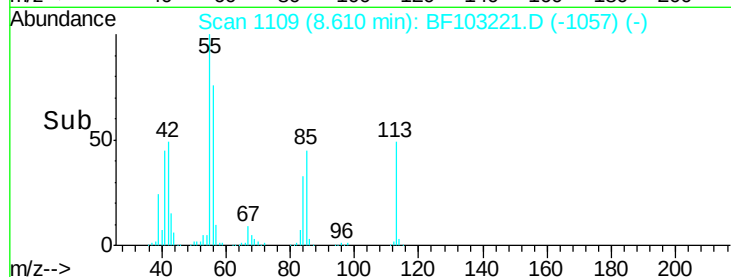
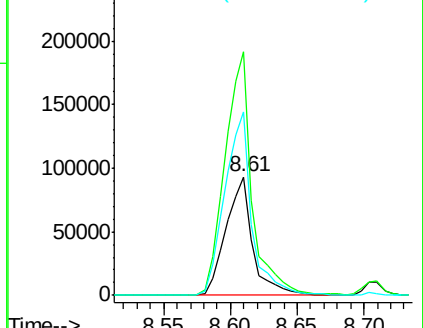
56 155.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.922 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

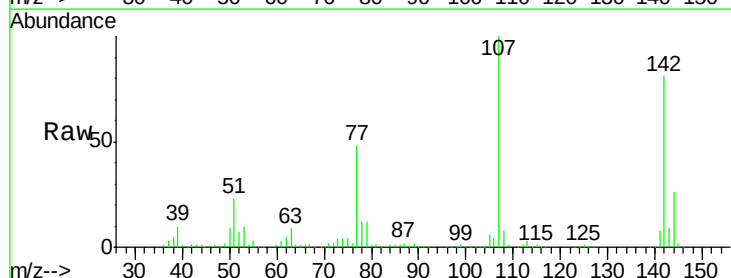
Tgt Ion:107 Resp: 408528

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

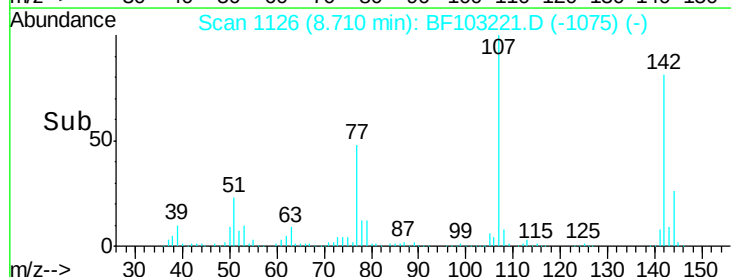
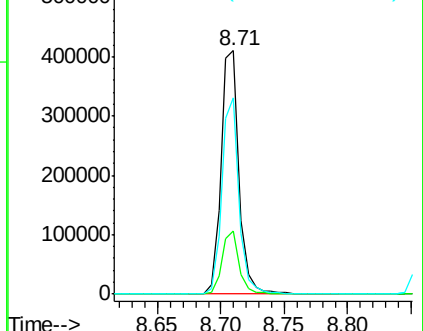
142 80.6 62.0 93.0

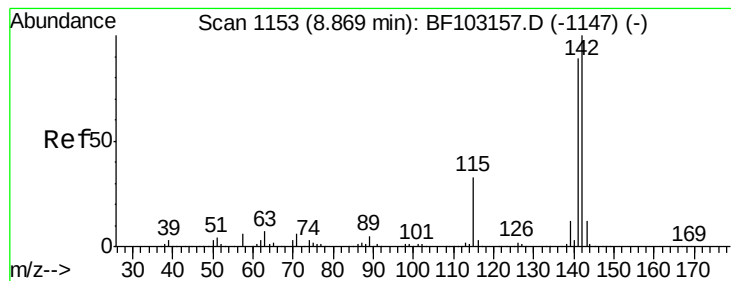


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.885 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

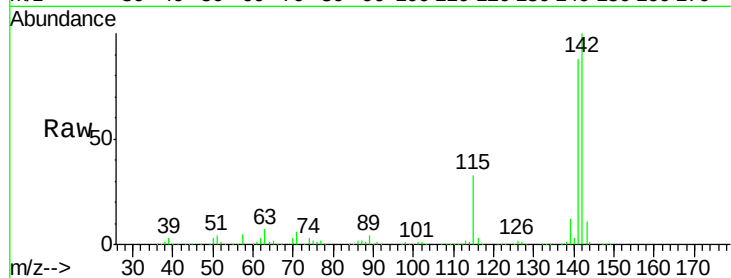
Tot Ion:142 Resp: 839850

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2

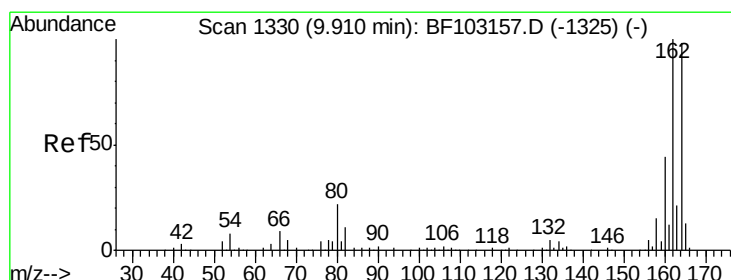
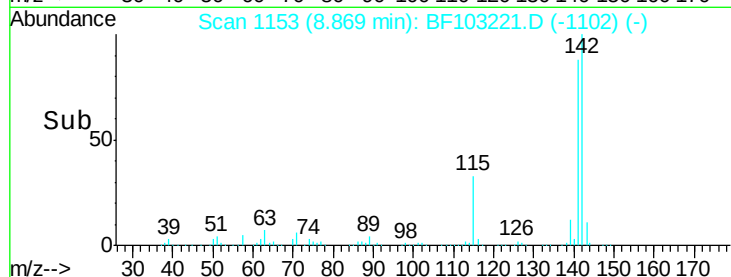
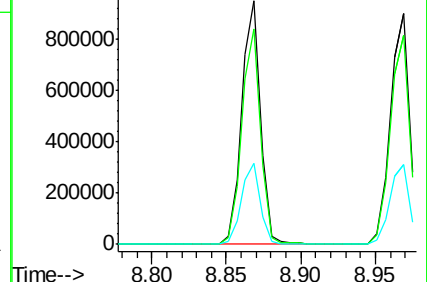
115 33.2 26.1 39.1



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: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

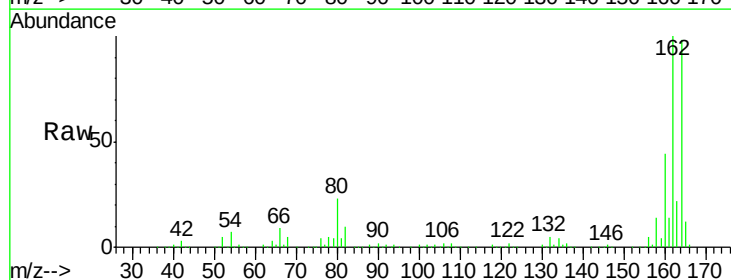
Tgt Ion:164 Resp: 316456

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

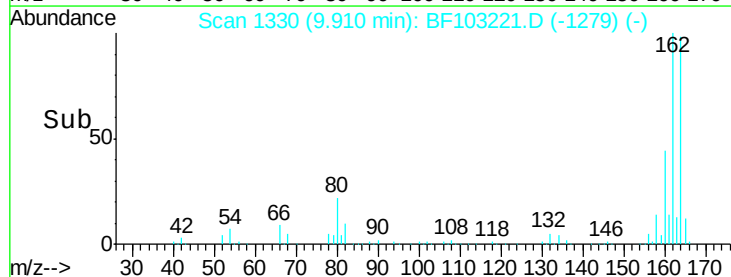
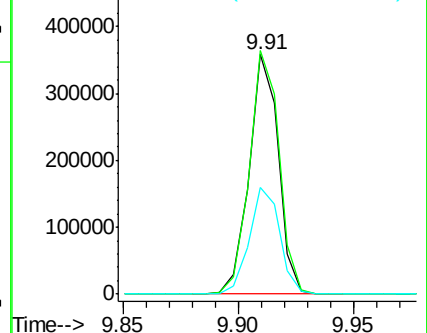
160 44.7 38.3 57.5

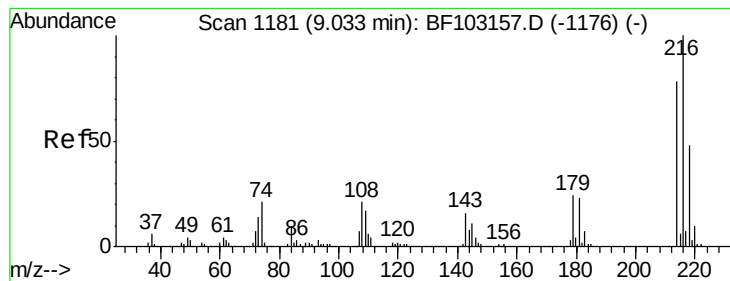


Abundance Ion 164.00 (163.70 to 164.70): E

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: 38.416 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 332345

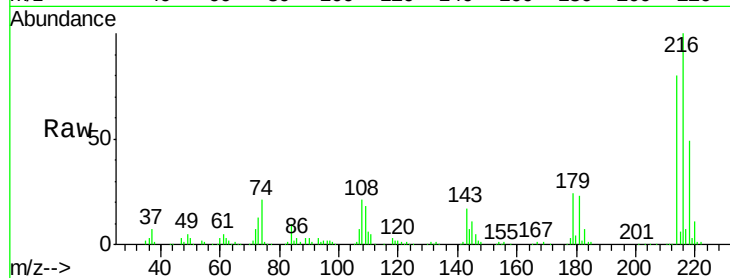
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 23.8 18.1 27.1

108 23.0 17.2 25.8

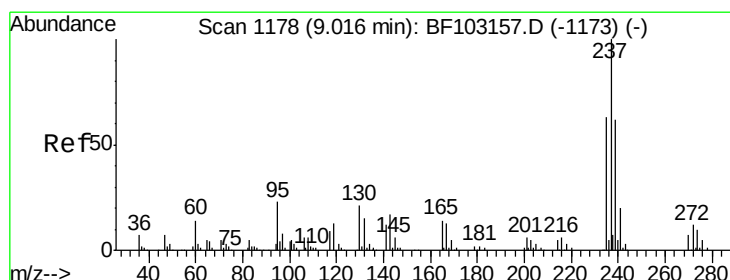
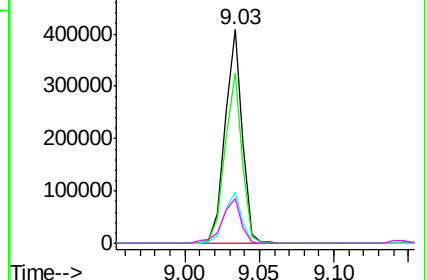
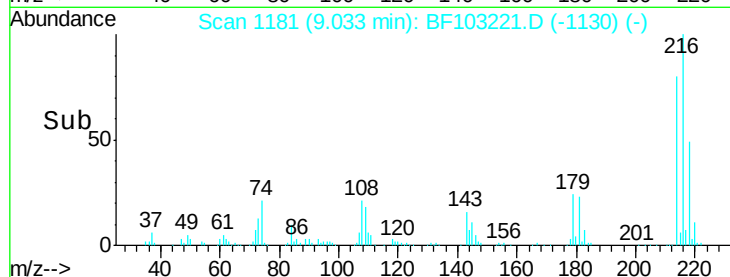


Abundance Ion 216.00 (215.70 to 216.70): E

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: 34.933 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

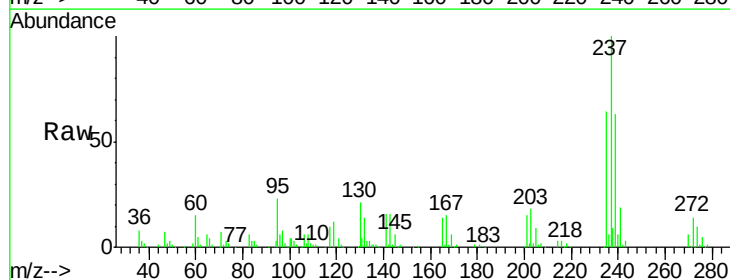
Tgt Ion:237 Resp: 89361

Ion Ratio Lower Upper

237 100

235 63.5 44.8 84.8

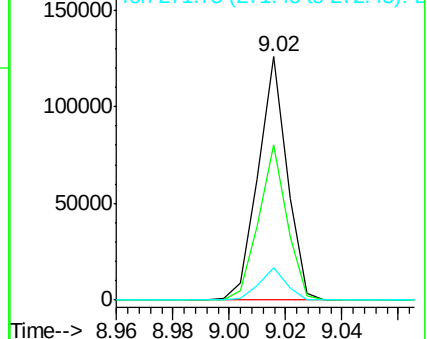
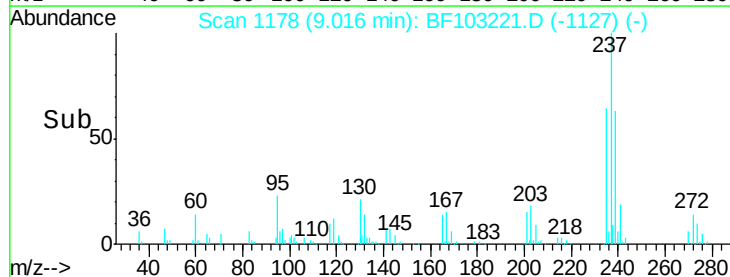
272 13.5 0.0 33.3

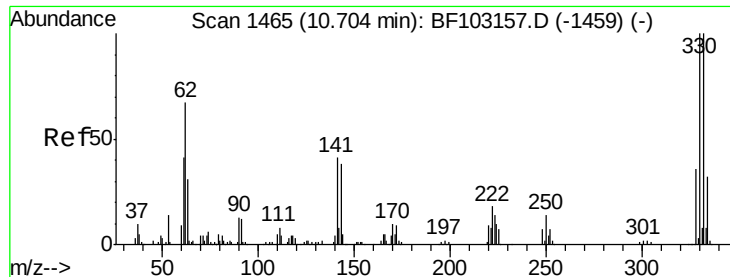


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

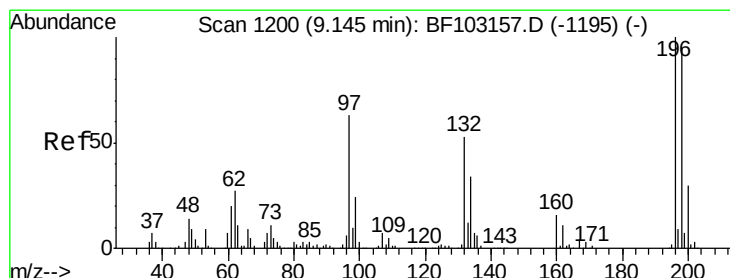
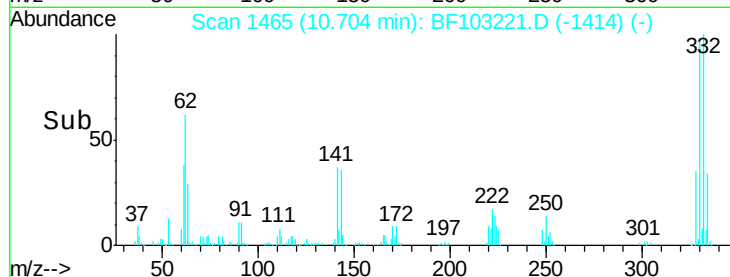
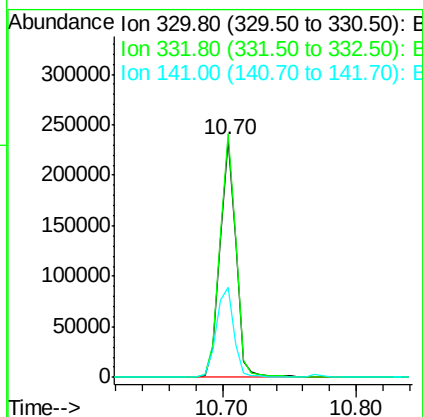
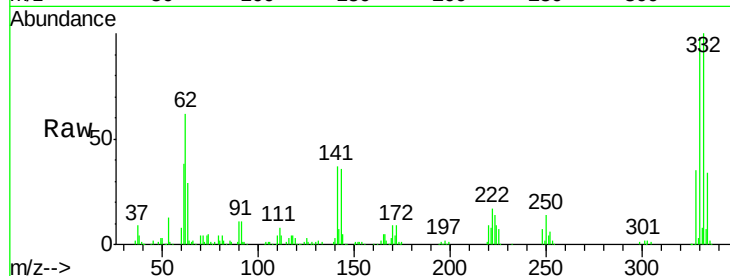




#41
 2,4,6-Tribromophenol
 Concen: 75.444 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

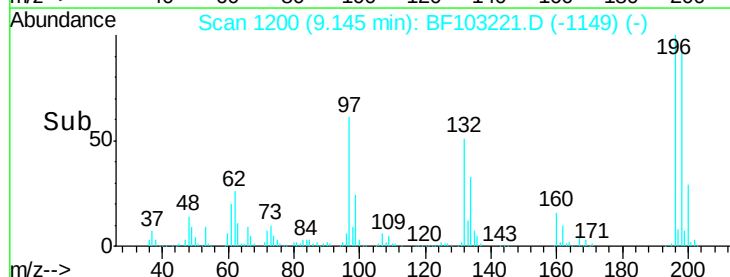
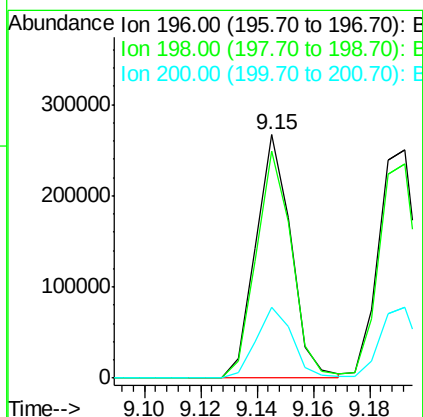
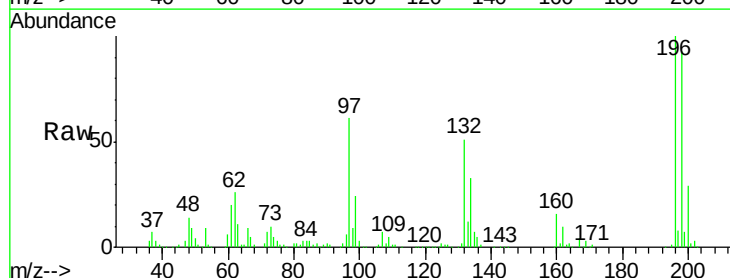
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

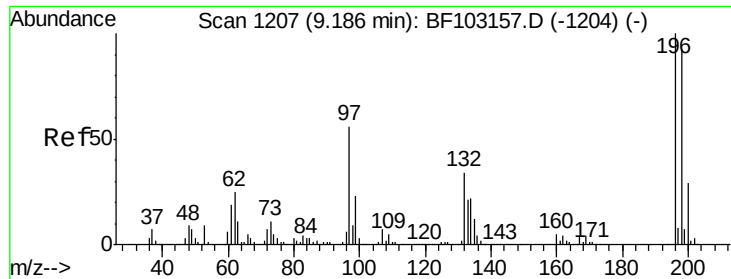
Tot Ion:330 Resp: 202086
 Ion Ratio Lower Upper
 330 100
 332 102.6 77.0 115.6
 141 41.7 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.667 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

Tgt Ion:196 Resp: 230912
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.7 113.5
 200 28.9 24.5 36.7

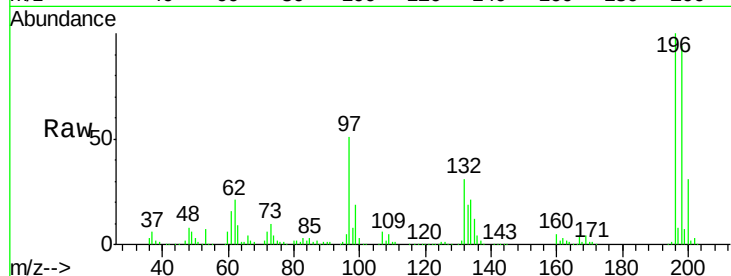




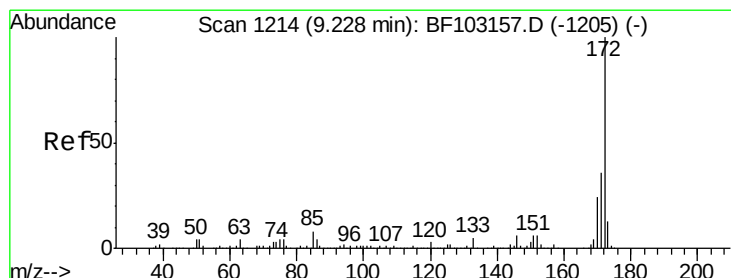
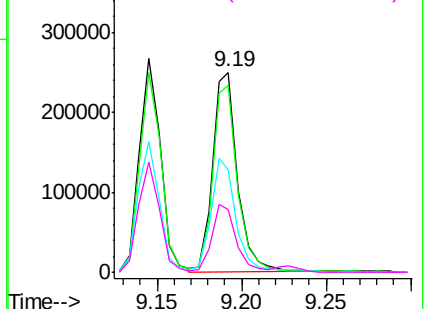
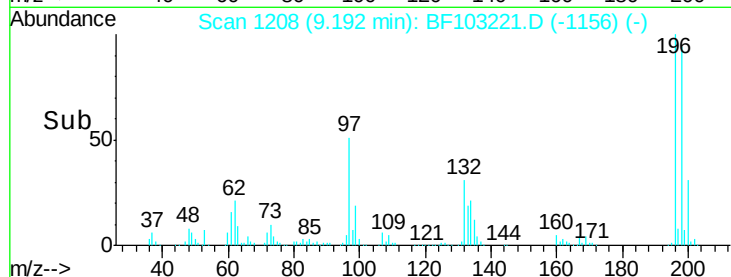
#43
 2,4,5-Trichlorophenol
 Concen: 38.222 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	255907
Ion	Ratio	Lower	Upper
196	100		
198	93.8	74.6	112.0
97	51.1	42.9	64.3
132	31.2	26.3	39.5

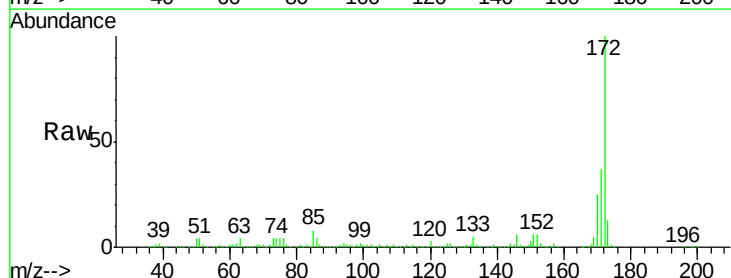


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

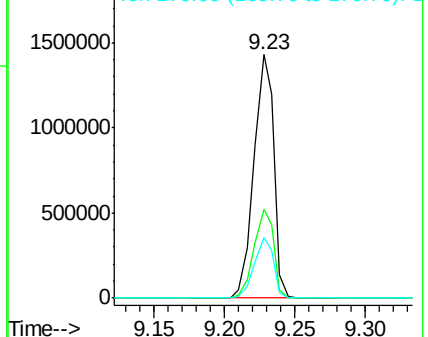
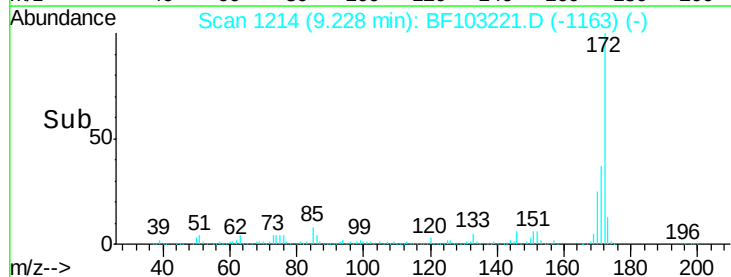


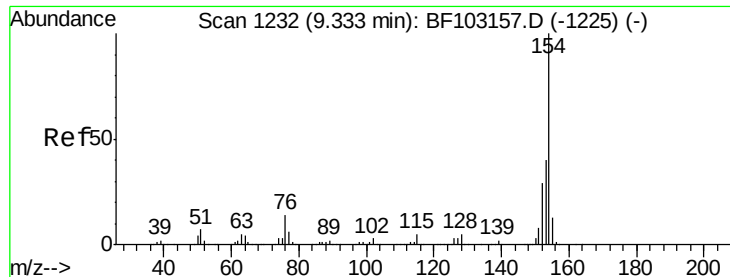
#44
 2-Fluorobiphenyl
 Concen: 75.258 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

Tgt Ion:	172	Resp:	1421064
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.9	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

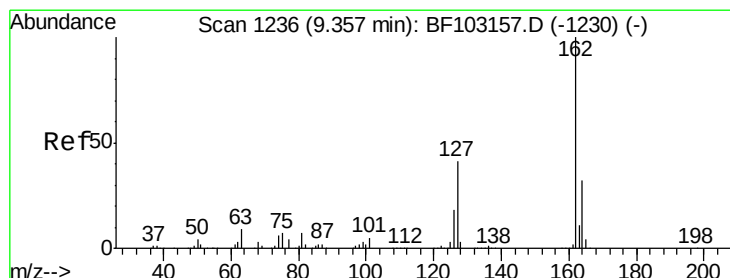
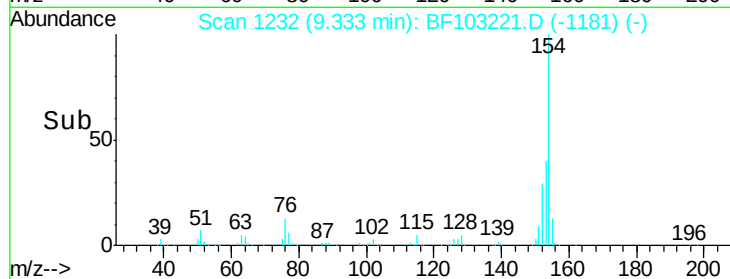
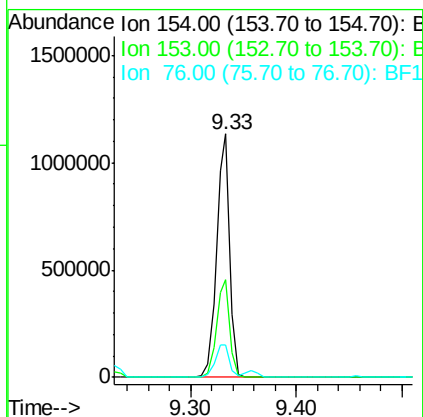
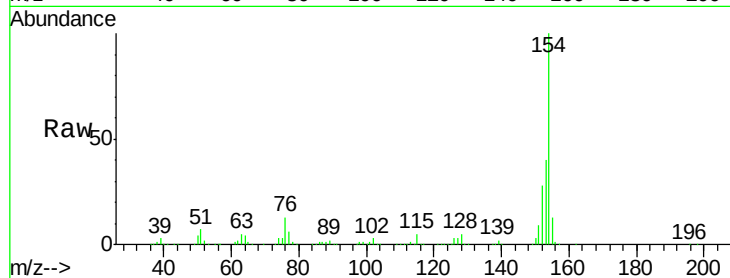




#45
 1,1'-Biphenyl
 Concen: 37.582 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

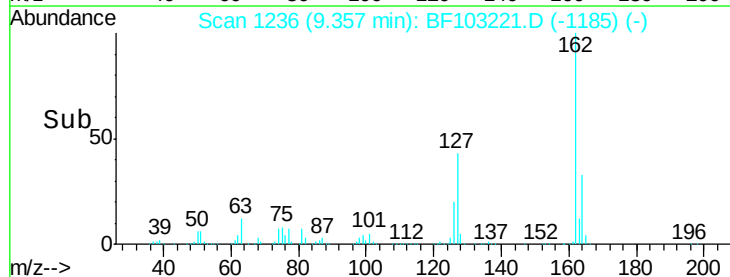
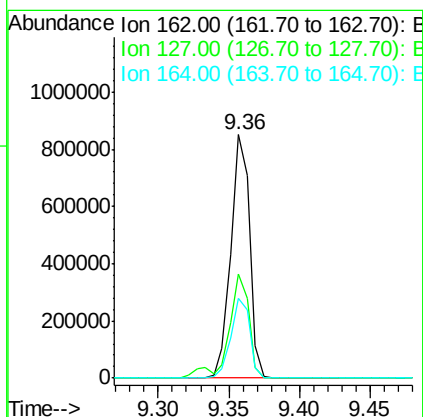
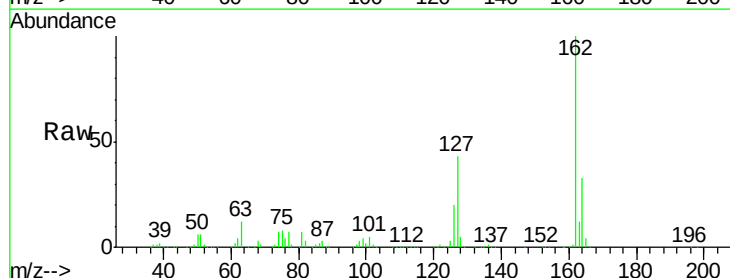
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

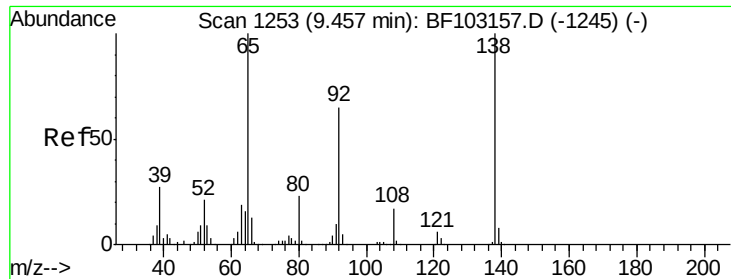
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	13.2	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 37.650 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	33.9	50.9
164	32.8	26.5	39.7

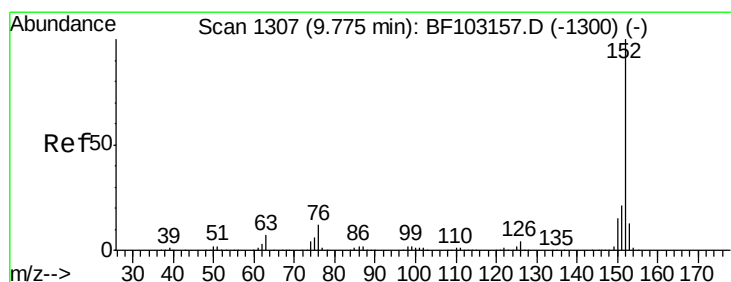
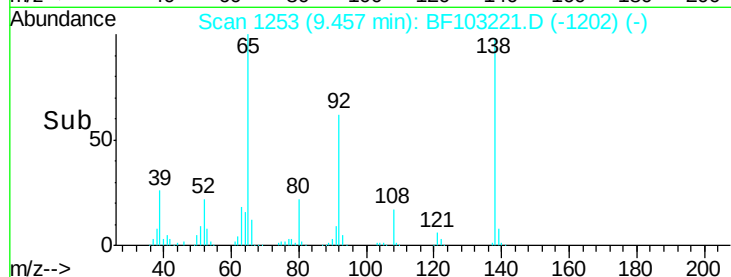
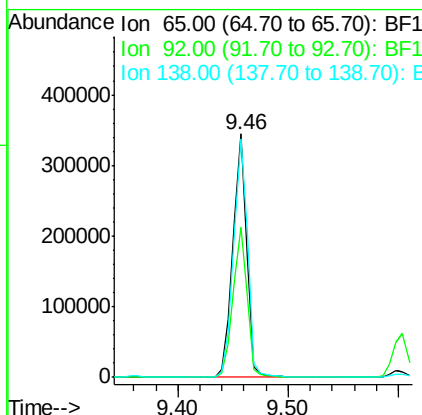
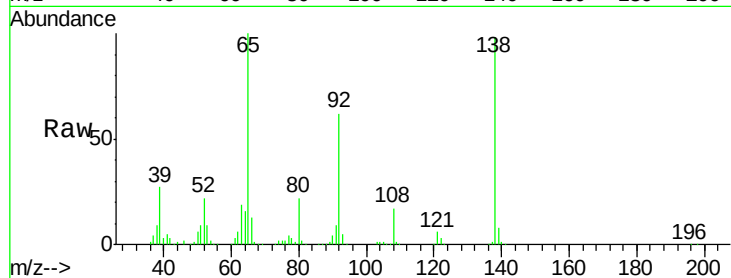




#47
2-Nitroaniline
Concen: 39.457 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

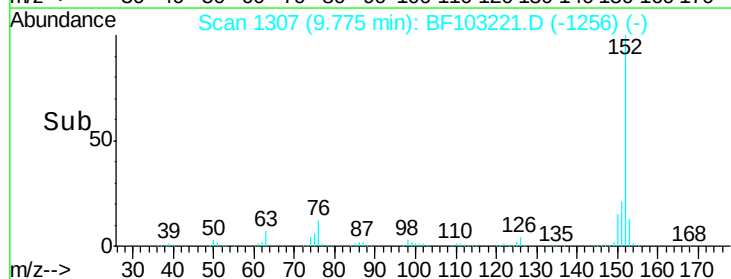
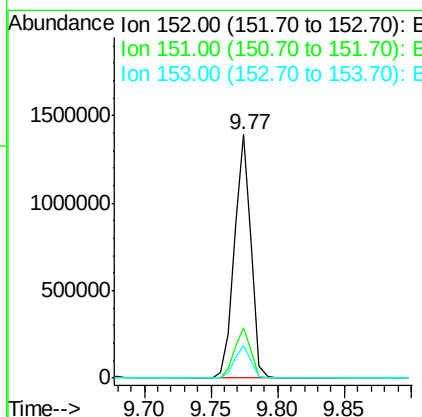
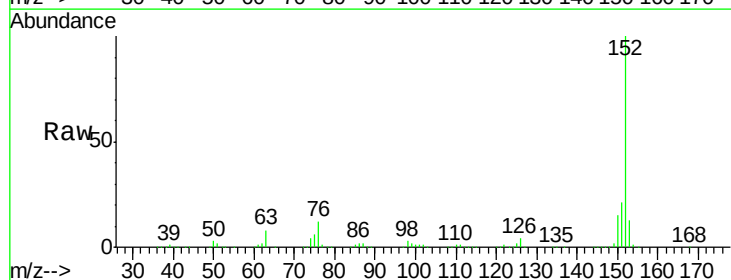
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

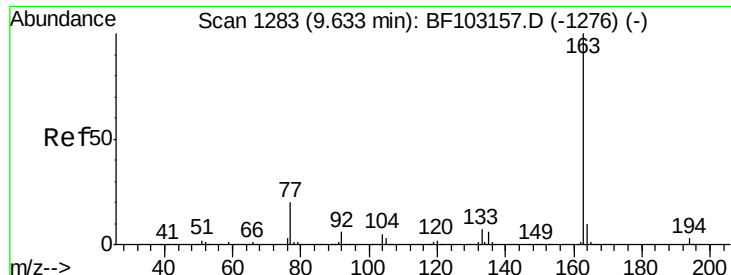
Tot Ion	Ratio	Lower	Upper
65	100		
92	61.8	55.8	83.6
138	97.7	91.2	136.8



#48
Acenaphthylene
Concen: 37.443 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.3	10.7	16.1

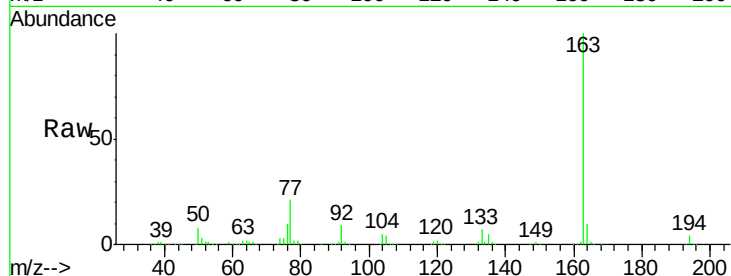




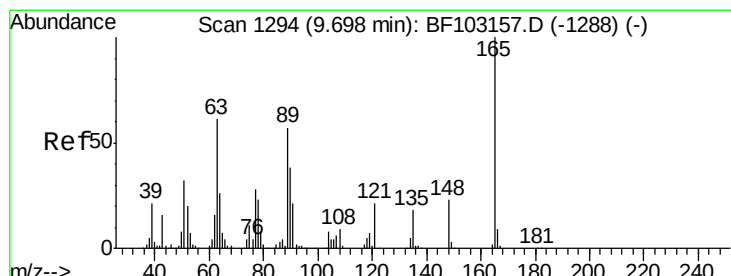
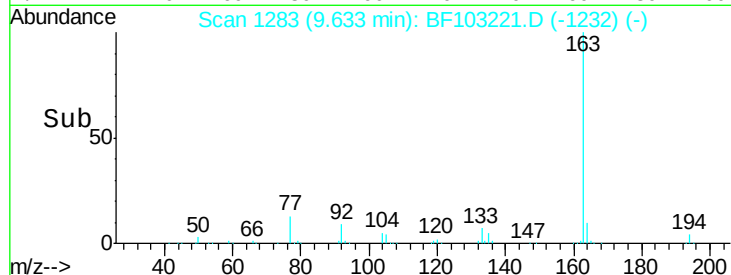
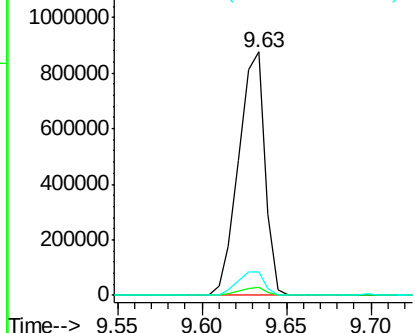
#49
Dimethylphthalate
Concen: 37.593 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 954363
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.8 8.2 12.2

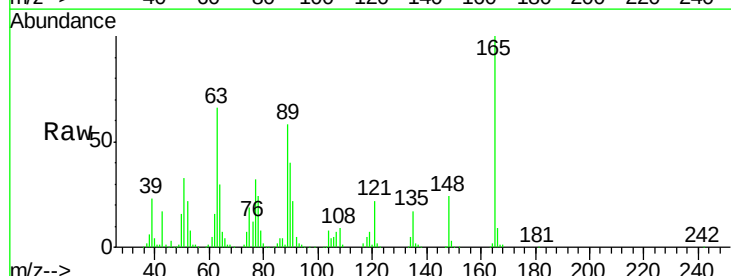


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

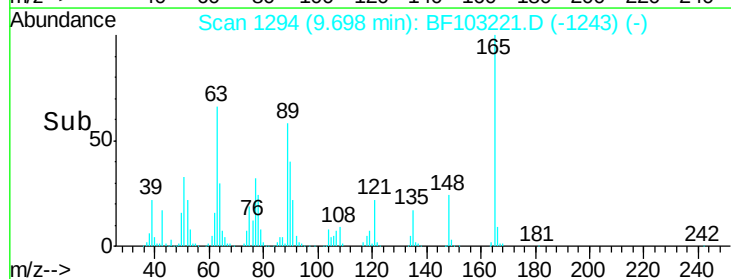
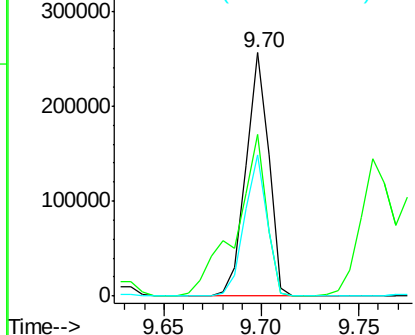


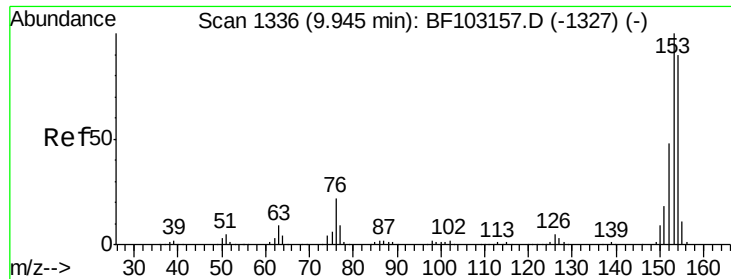
#50
2,6-Dinitrotoluene
Concen: 38.967 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Tgt Ion:165 Resp: 207598
Ion Ratio Lower Upper
165 100
63 66.4 44.7 67.1
89 57.9 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: 37.494 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

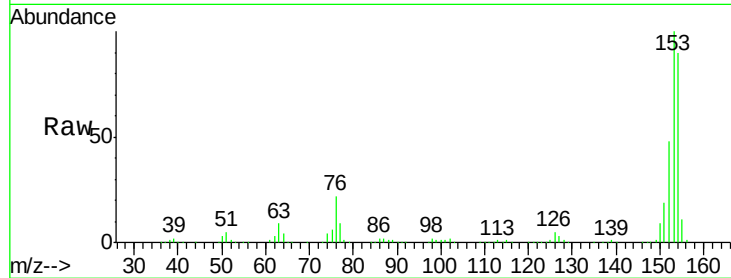
Tot Ion:154 Resp: 705695

Ion Ratio Lower Upper

154 100

153 111.3 91.2 136.8

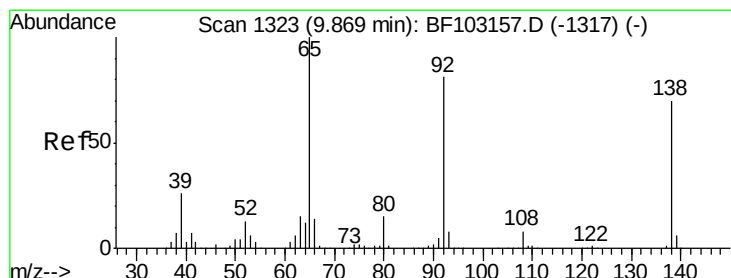
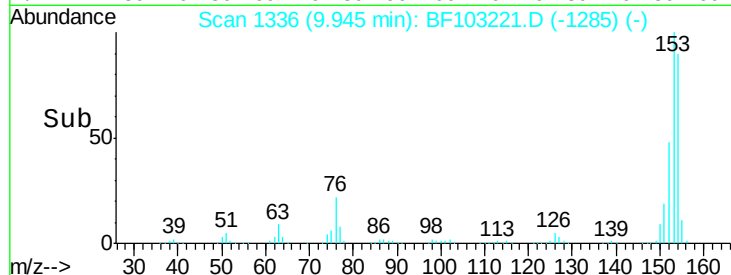
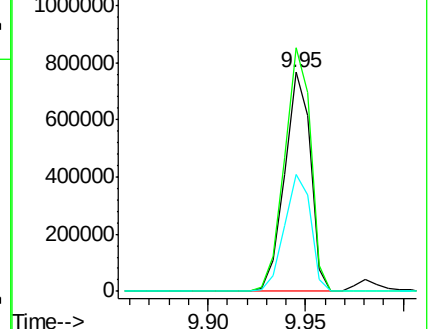
152 53.6 43.8 65.8



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: 39.420 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

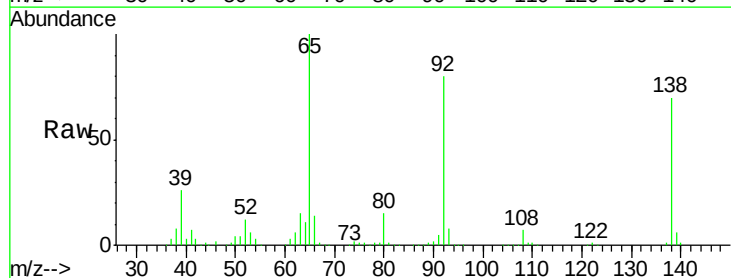
Tgt Ion:138 Resp: 266443

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

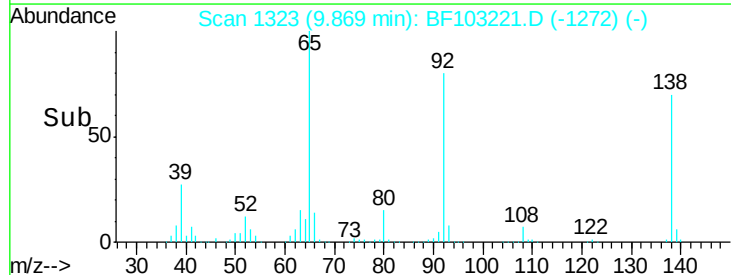
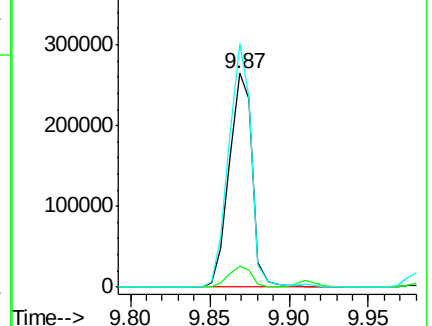
92 114.0 89.4 134.2

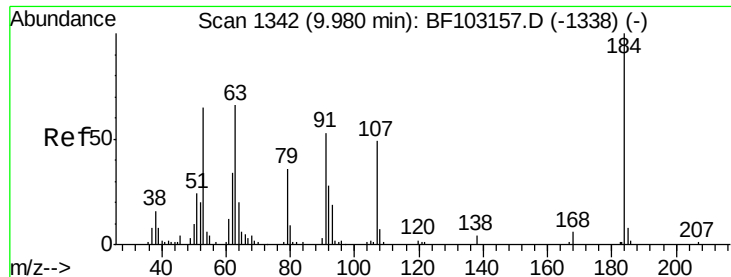


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

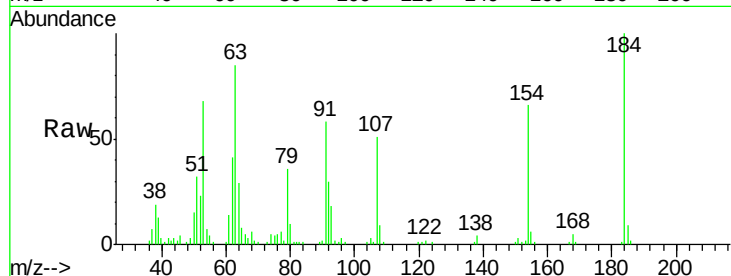




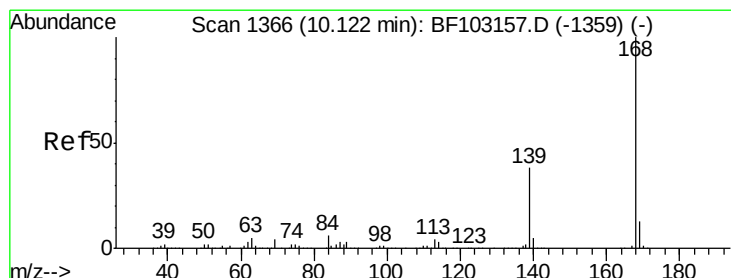
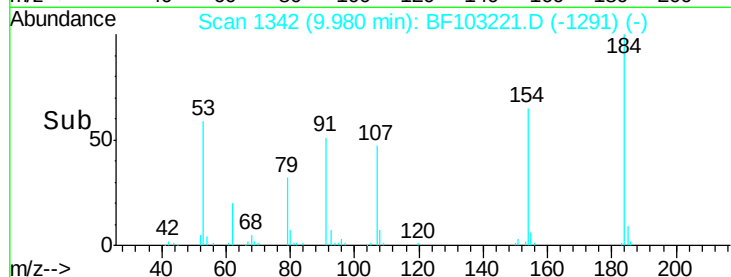
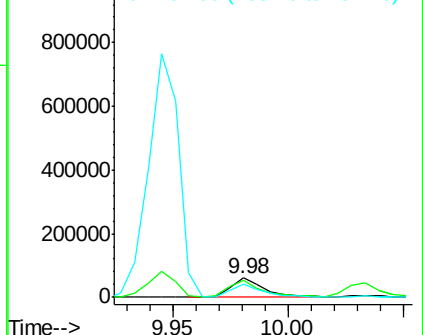
#53
2,4-Dinitrophenol
Concen: 37.669 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 61353
Ion Ratio Lower Upper
184 100
63 84.9 54.2 81.2#
154 66.1 184.0 276.0#

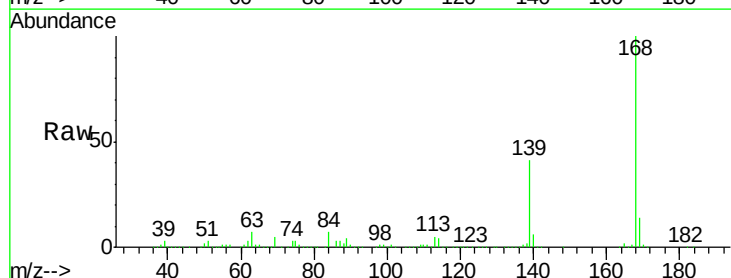


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

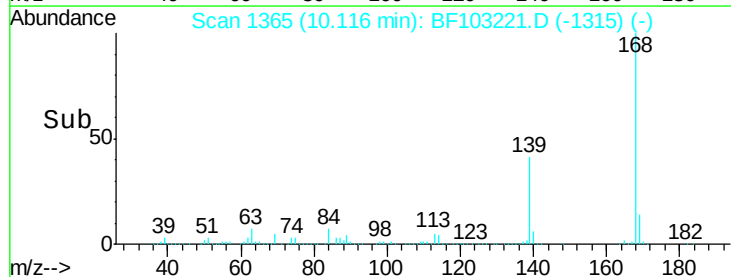
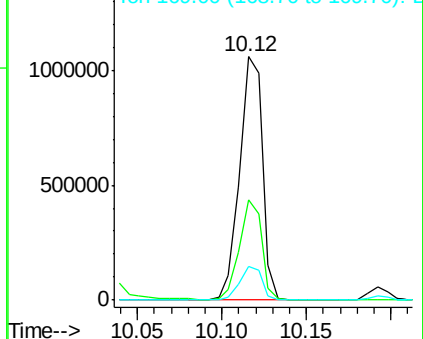


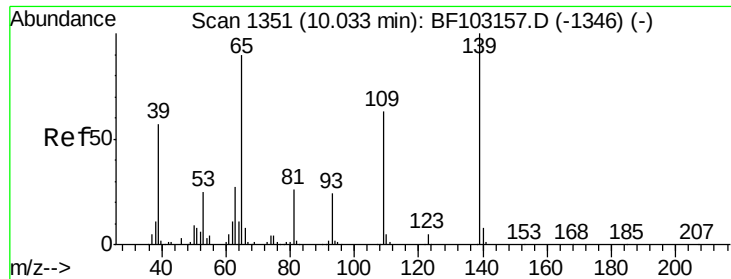
#54
Dibenzofuran
Concen: 38.596 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Tgt Ion:168 Resp: 997209
Ion Ratio Lower Upper
168 100
139 41.4 30.1 45.1
169 13.6 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

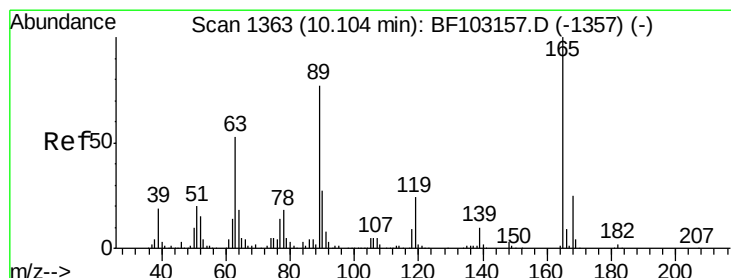
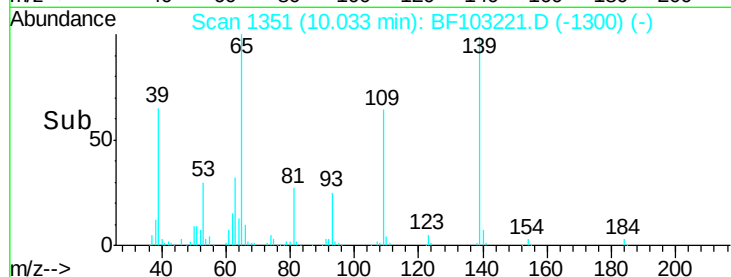
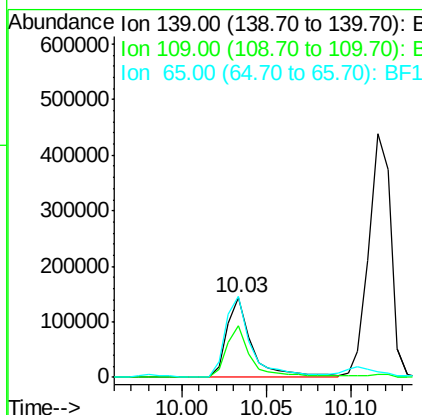
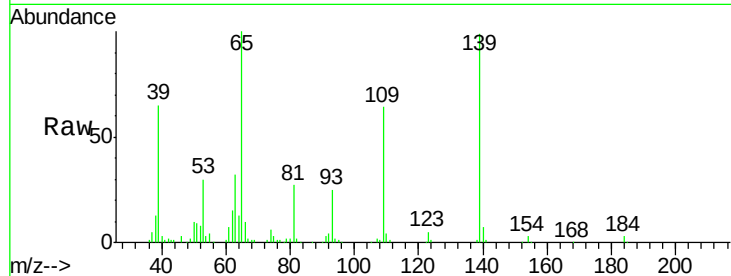




#55
4-Nitrophenol
Concen: 35.821 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

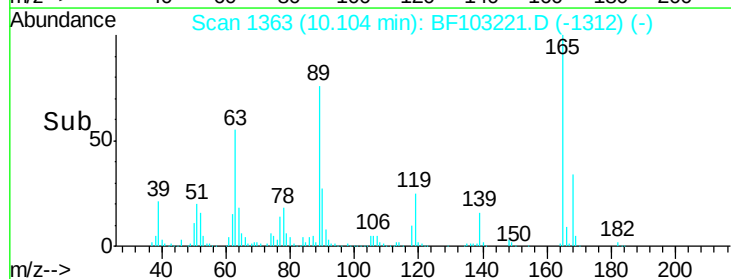
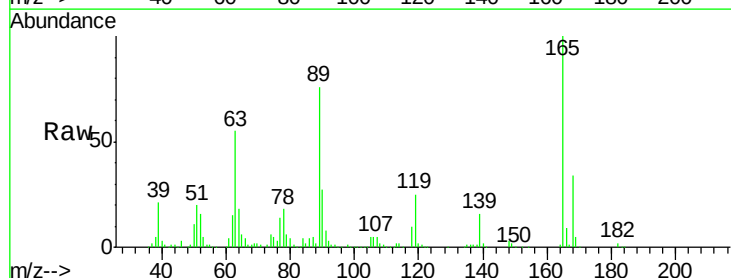
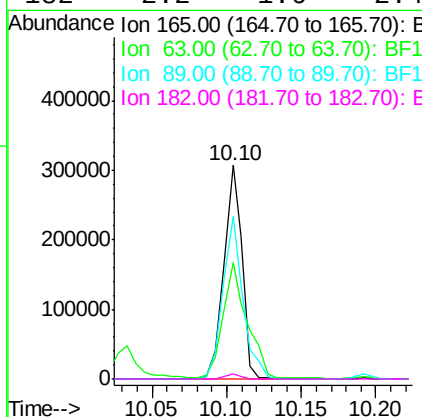
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

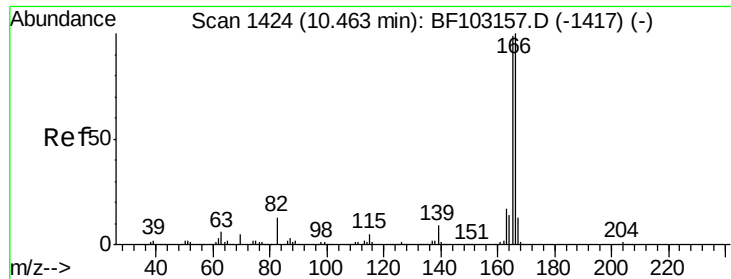
Tot Ion	Ratio	Lower	Upper
139	100		
109	64.5	48.4	88.4
65	101.2	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 39.364 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.7	36.4	54.6#
89	76.2	57.8	86.6
182	2.2	1.6	2.4

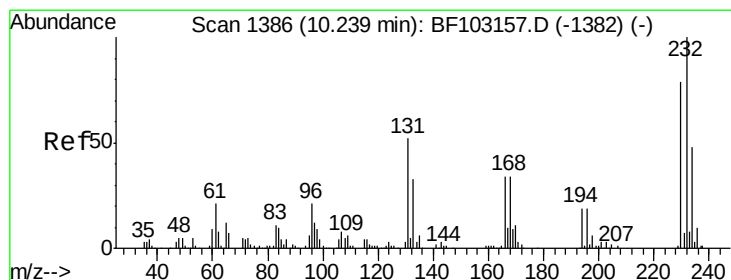
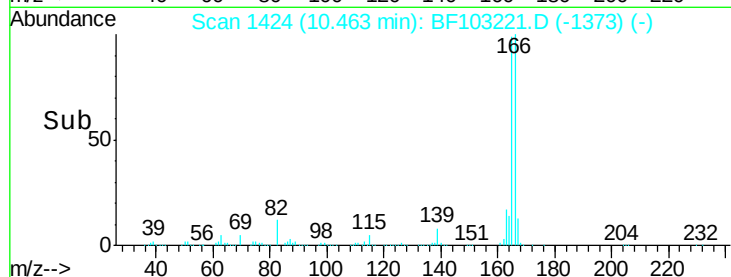
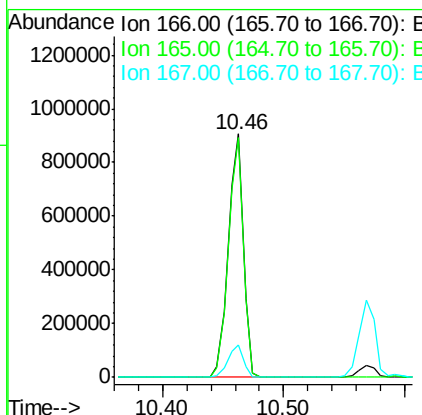
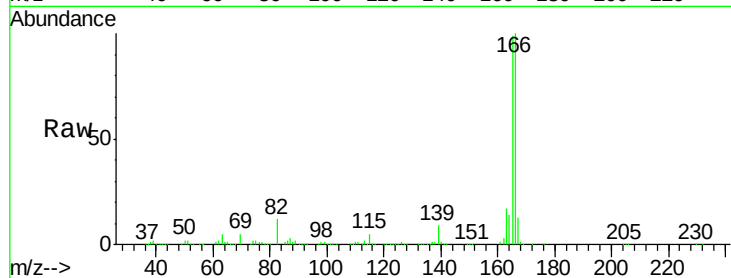




#57
 Fluorene
 Concen: 35.738 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

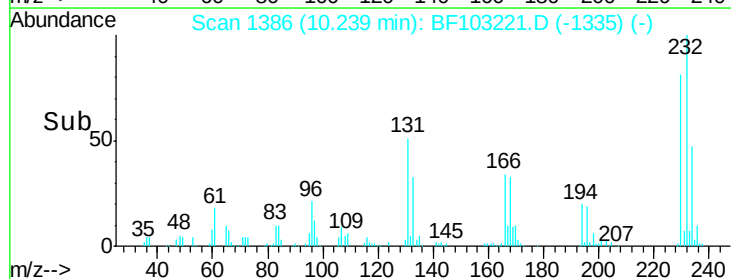
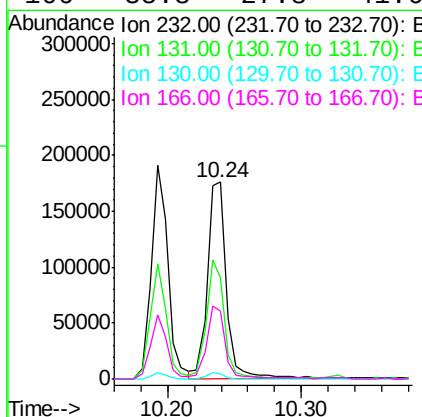
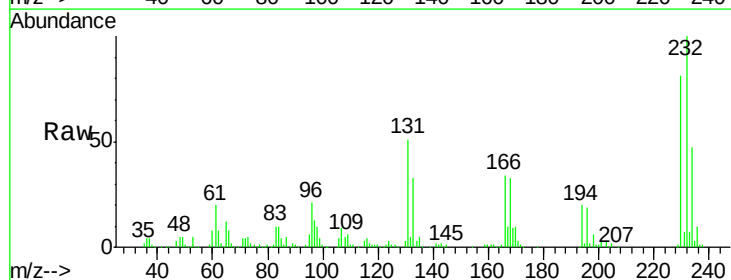
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

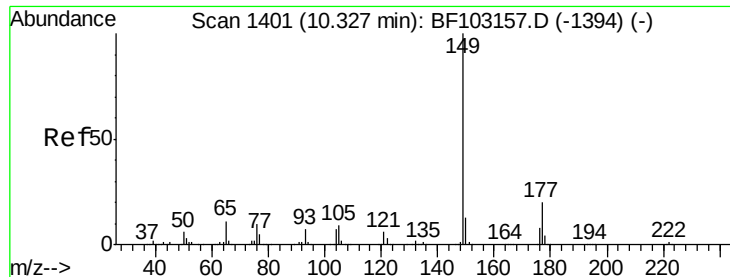
Tot Ion:166 Resp: 786585
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.814 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

Tgt Ion:232 Resp: 174574
 Ion Ratio Lower Upper
 232 100
 131 56.4 43.8 65.8
 130 2.8 2.1 3.1
 166 35.8 27.8 41.6

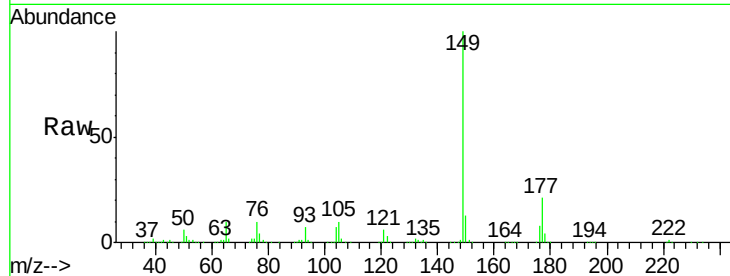




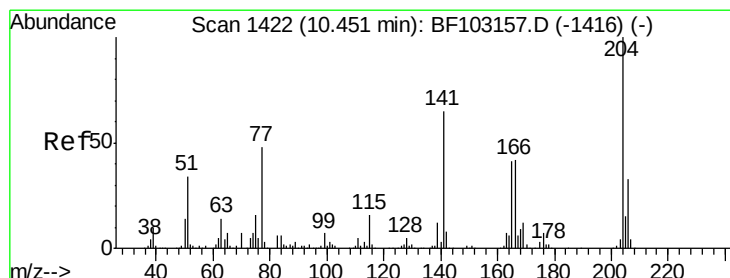
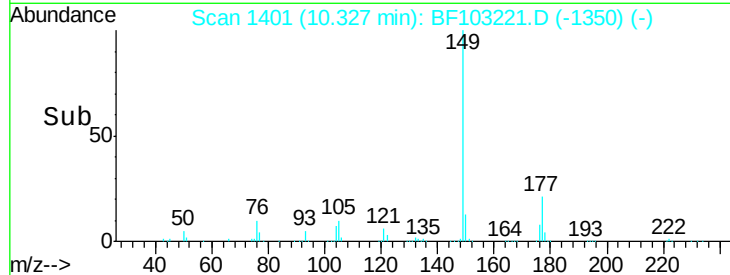
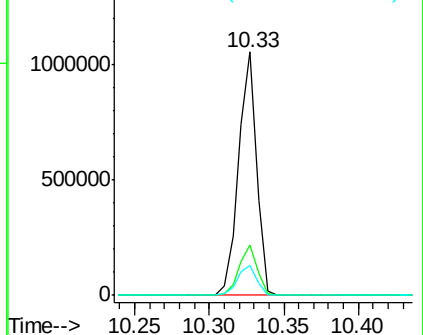
#59
Diethylphthalate
Concen: 36.855 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:149 Resp: 894848
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.5 10.1 15.1

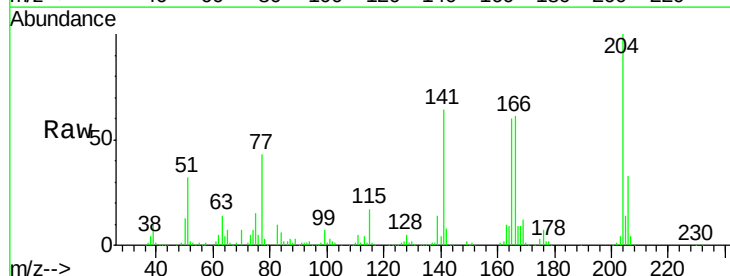


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

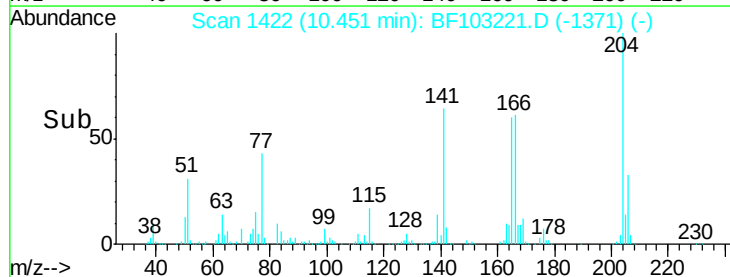
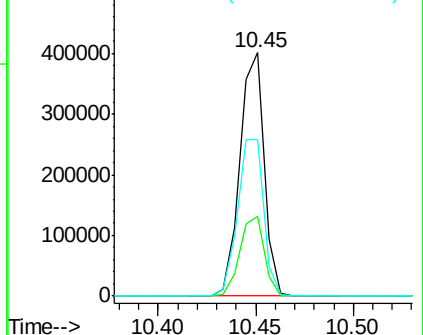


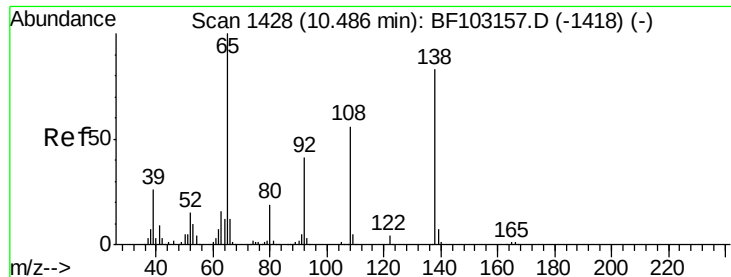
#60
4-Chlorophenyl-phenylether
Concen: 37.221 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Tgt Ion:204 Resp: 347408
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 64.1 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

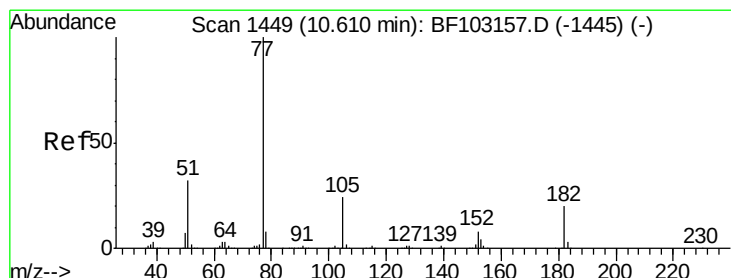
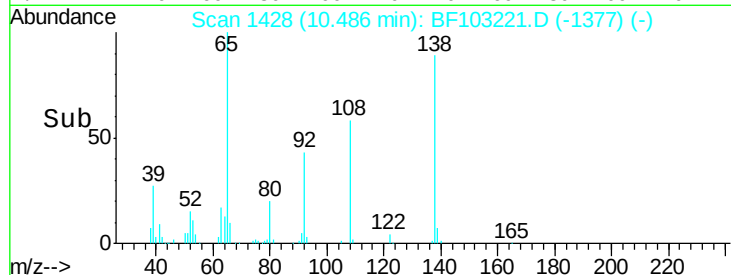
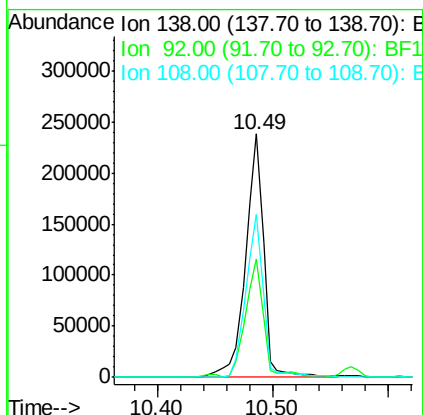
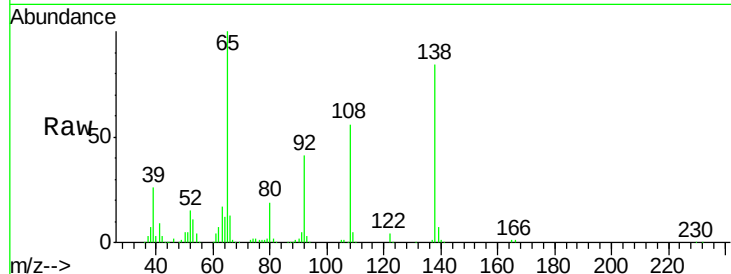




#61
4-Nitroaniline
Concen: 38.516 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

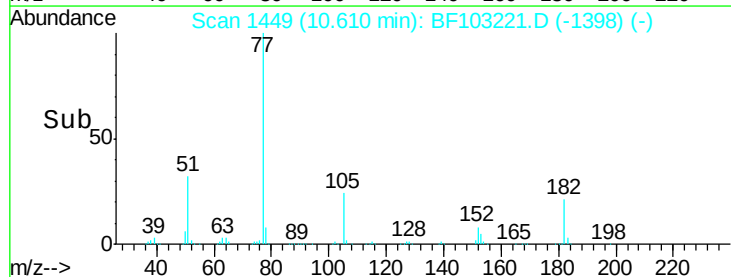
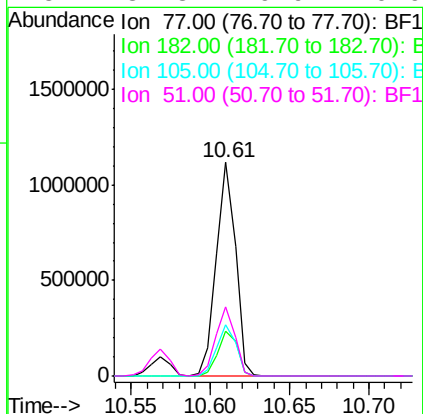
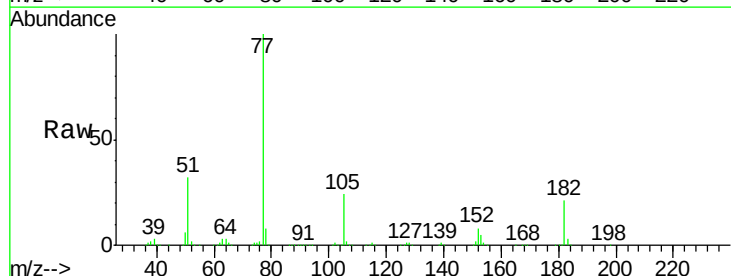
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

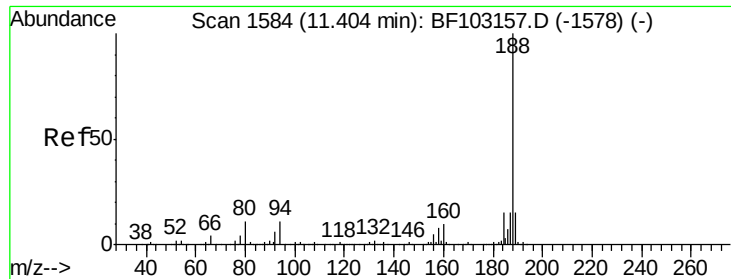
Tot Ion:138 Resp: 260024
Ion Ratio Lower Upper
138 100
92 48.7 30.2 70.2
108 67.1 52.5 92.5



#62
Azobenzene
Concen: 38.229 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Tgt Ion: 77 Resp: 944819
Ion Ratio Lower Upper
77 100
182 20.8 1.7 41.7
105 23.9 3.0 43.0
51 32.3 9.9 49.9

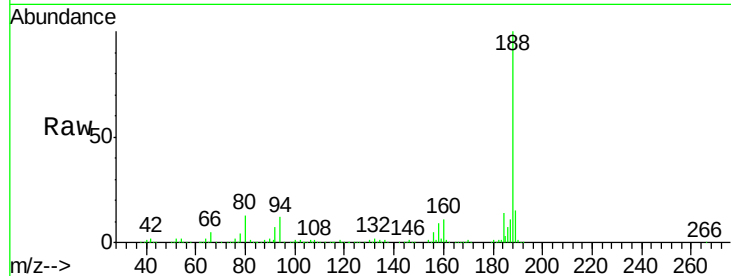




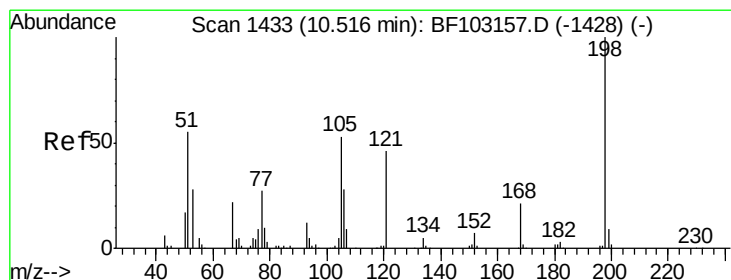
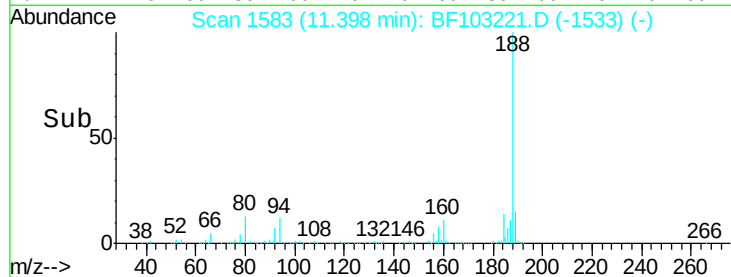
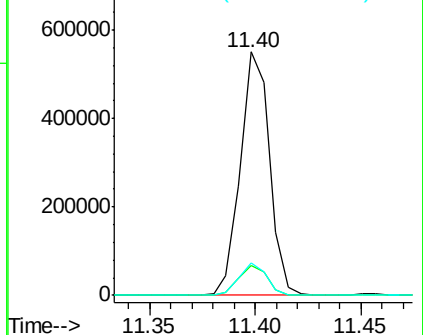
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 527402
Ion Ratio Lower Upper
188 100
94 12.4 8.5 12.7
80 13.4 9.2 13.8

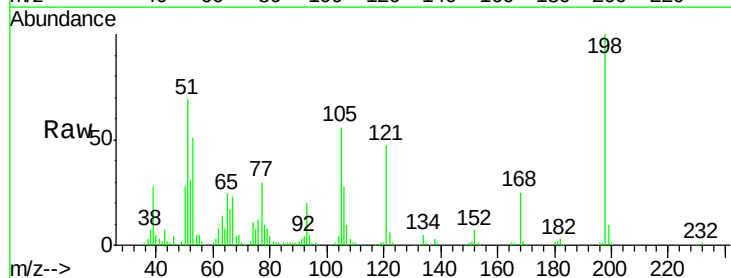


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

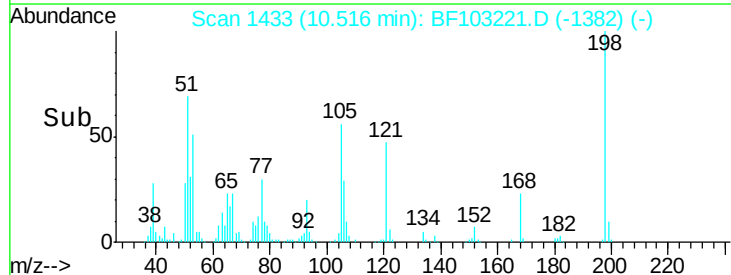
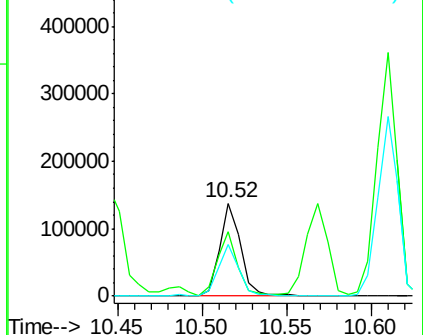


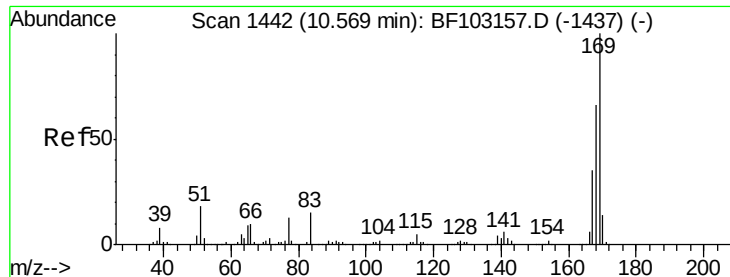
#64
4,6-Dinitro-2-methylphenol
Concen: 38.666 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Tgt Ion:198 Resp: 120639
Ion Ratio Lower Upper
198 100
51 69.2 37.7 77.7
105 55.7 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.836 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

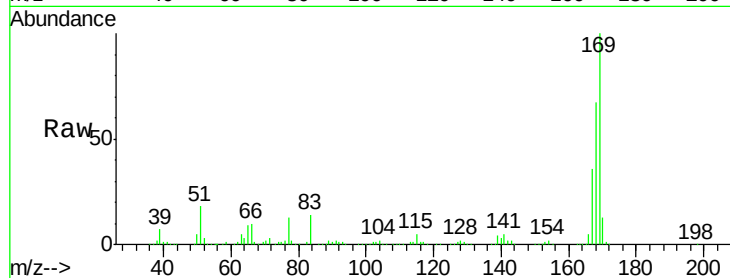
Tot Ion:169 Resp: 713158

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

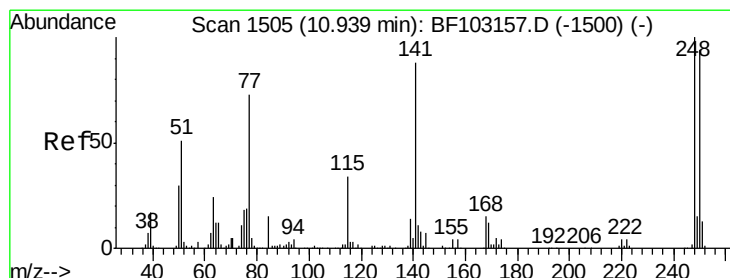
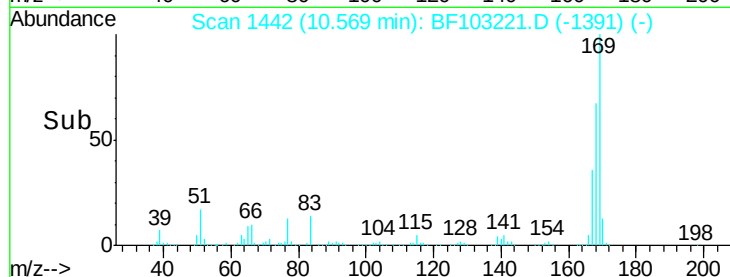
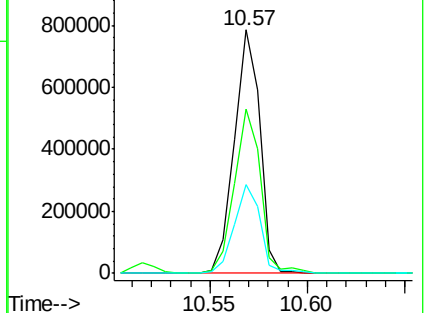
167 36.4 29.8 44.6



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: 39.005 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

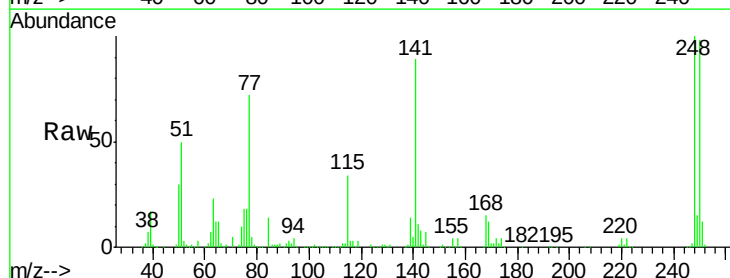
Tgt Ion:248 Resp: 214292

Ion Ratio Lower Upper

248 100

250 97.9 76.9 115.3

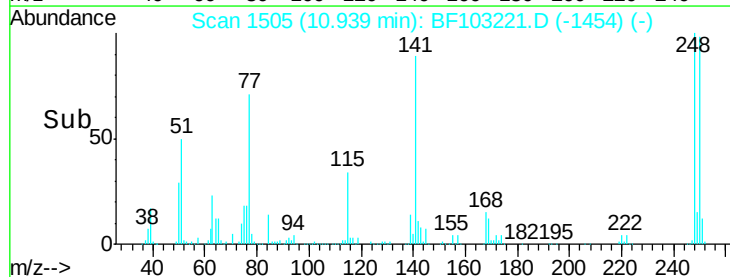
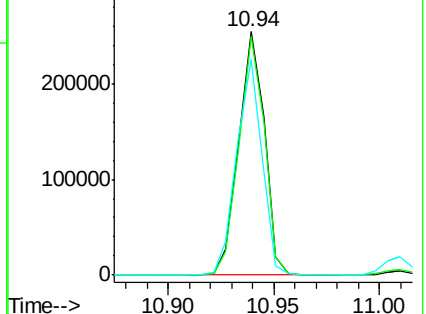
141 88.7 74.4 111.6

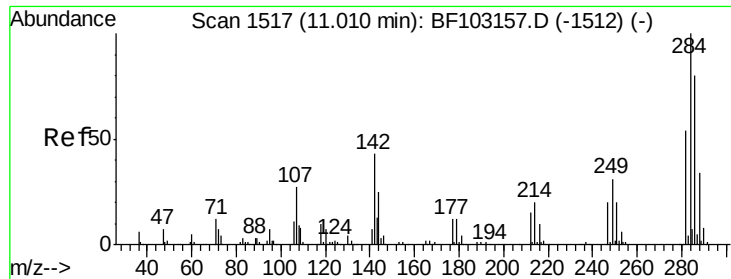


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

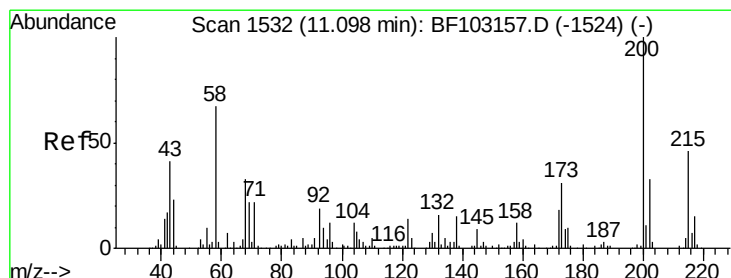
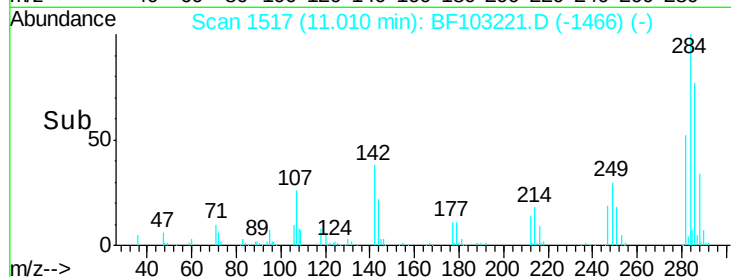
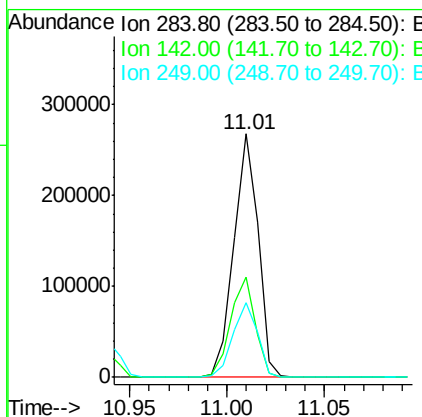
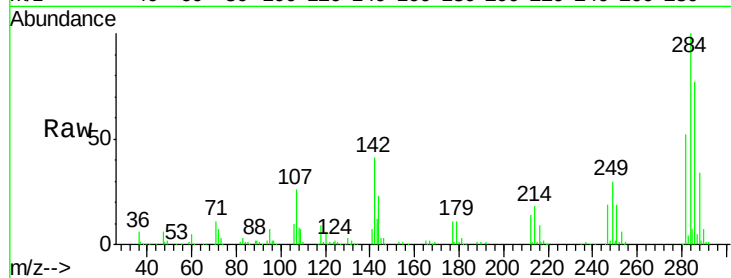




#67
Hexachlorobenzene
Concen: 38.891 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

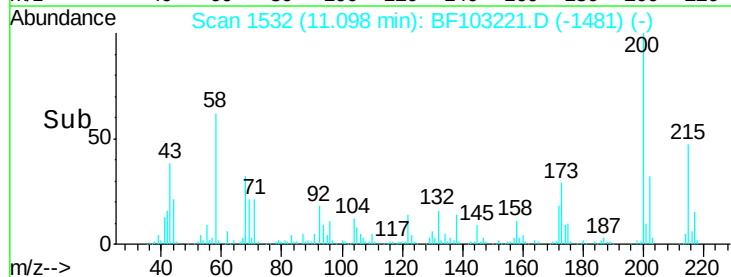
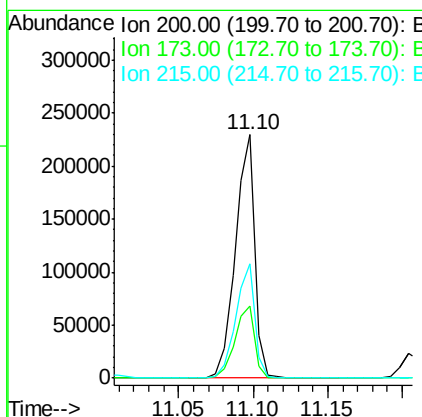
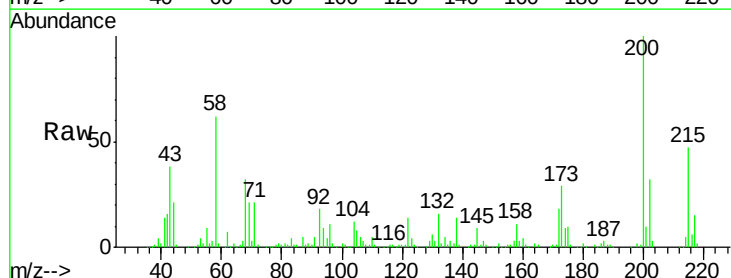
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

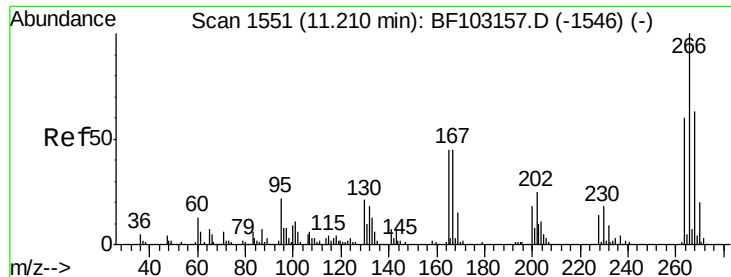
Tot Ion:284 Resp: 231915
Ion Ratio Lower Upper
284 100
142 41.0 34.6 52.0
249 30.5 24.8 37.2



#68
Atrazine
Concen: 37.945 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Tgt Ion:200 Resp: 209438
Ion Ratio Lower Upper
200 100
173 29.5 8.6 48.6
215 46.7 25.1 65.1

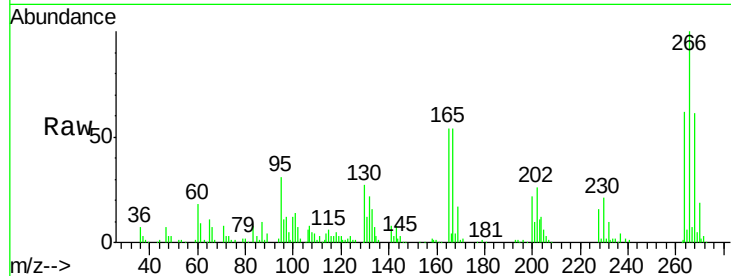




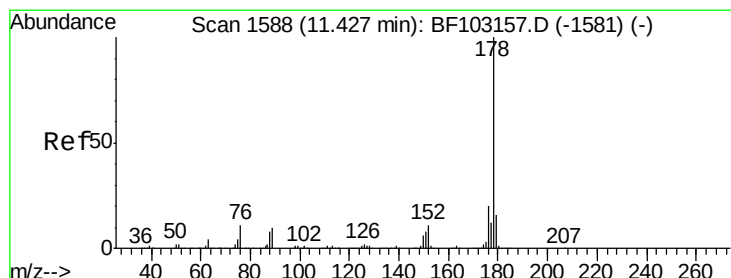
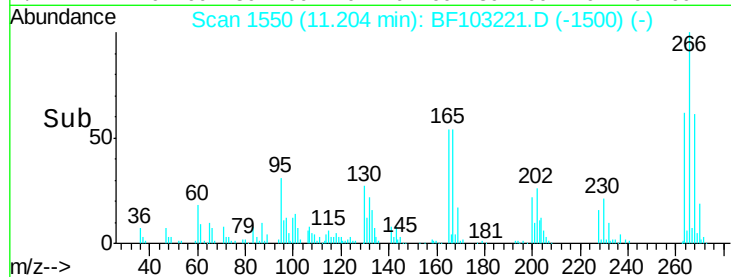
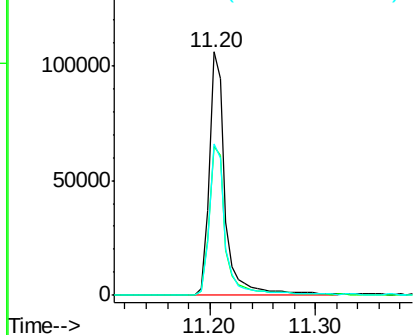
#69
 Pentachlorophenol
 Concen: 39.348 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 113452
 Ion Ratio Lower Upper
 266 100
 268 61.4 51.1 76.7
 264 62.3 49.5 74.3

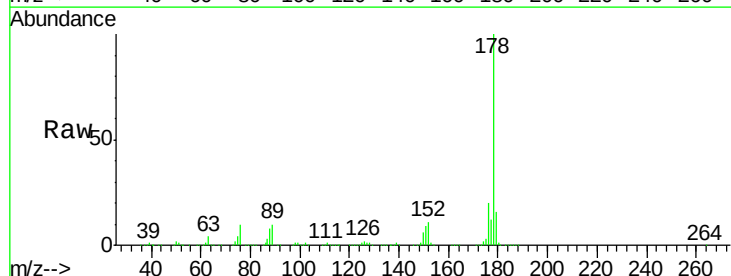


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

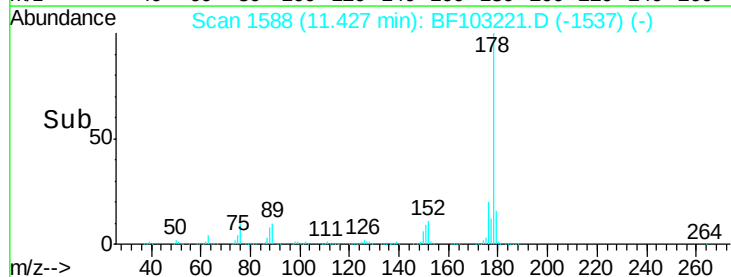
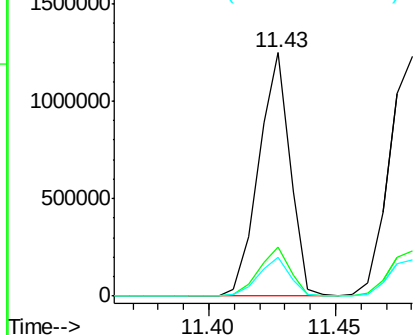


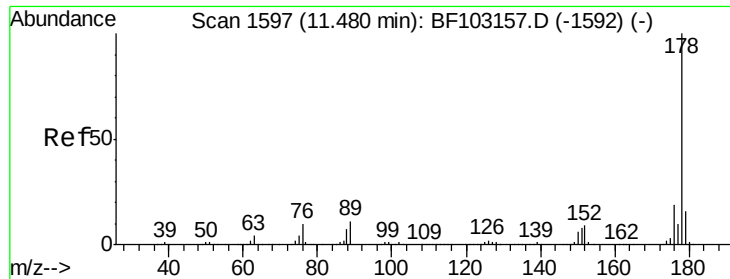
#70
 Phenanthrene
 Concen: 37.201 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

Tgt Ion:178 Resp: 1079747
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.8 13.0 19.6



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

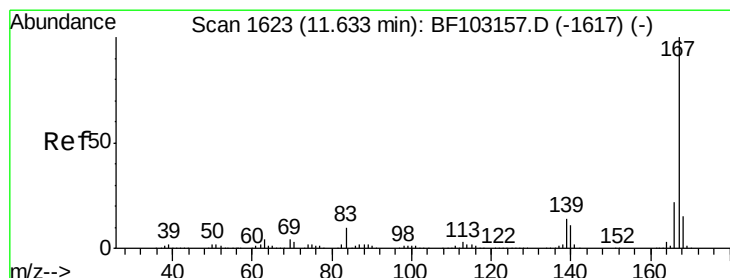
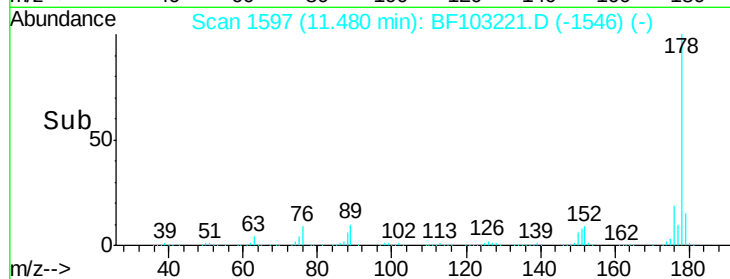
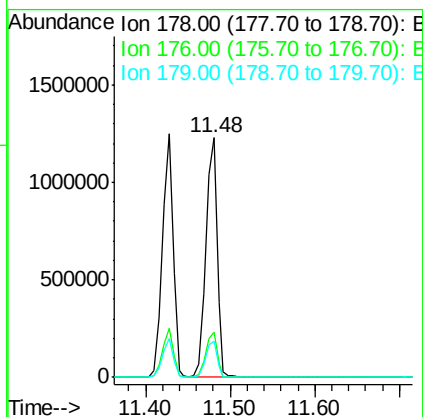
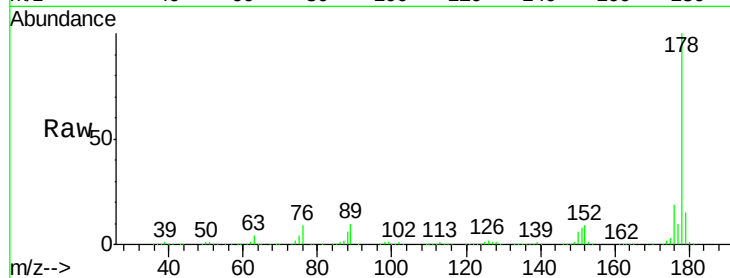




#71
 Anthracene
 Concen: 38.273 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

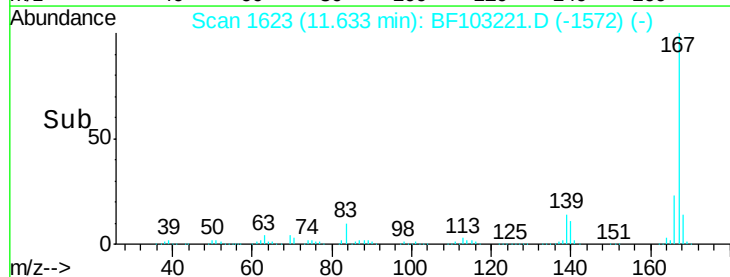
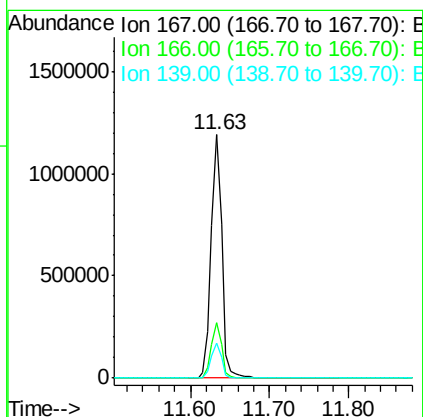
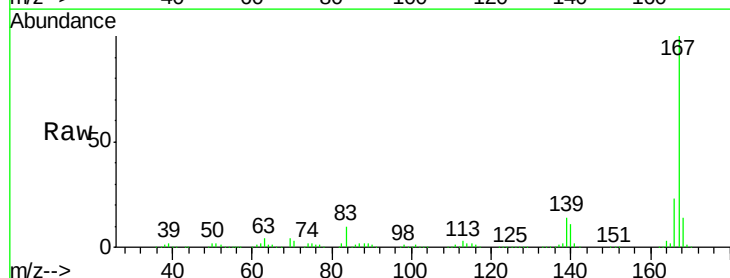
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

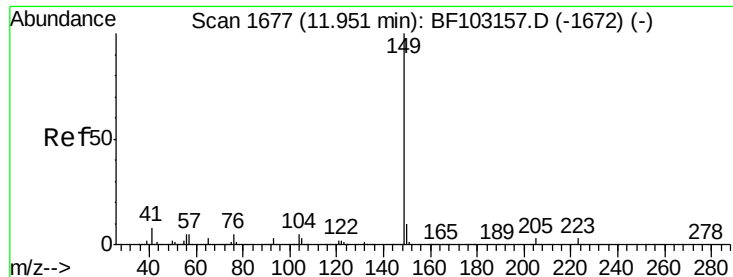
Tot Ion:178 Resp: 1139111
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 37.804 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

Tgt Ion:167 Resp: 1120477
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.874 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

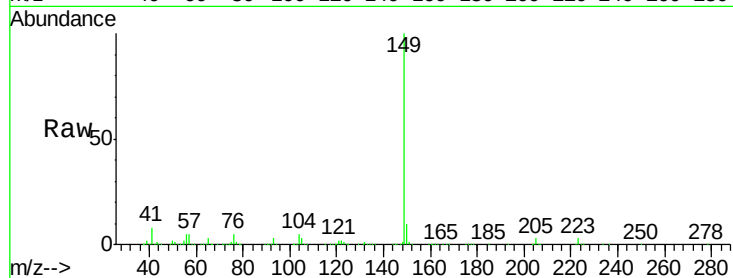
Tot Ion:149 Resp: 1404651

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

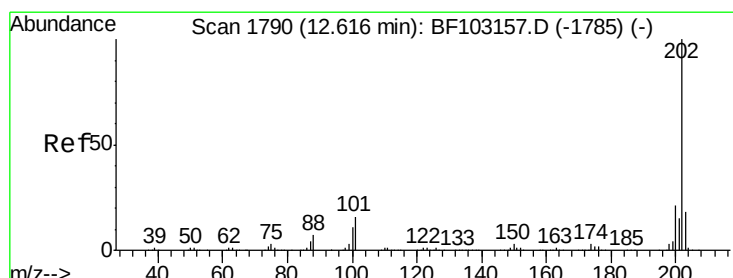
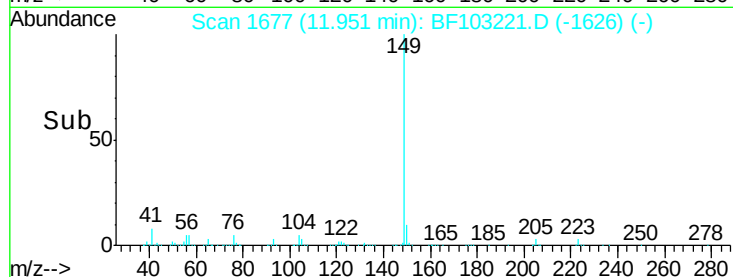
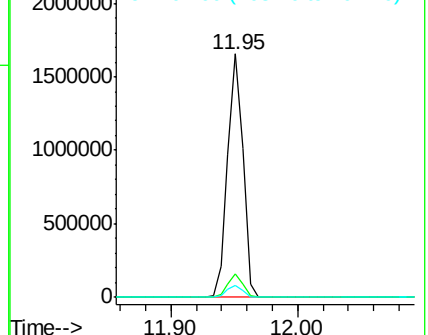
104 4.8 3.8 5.8



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: 37.418 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

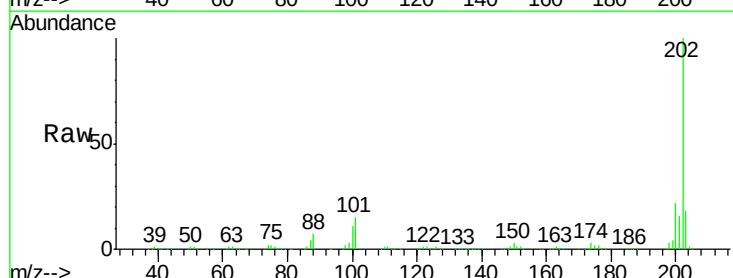
Tgt Ion:202 Resp: 1091352

Ion Ratio Lower Upper

202 100

101 14.9 0.0 34.1

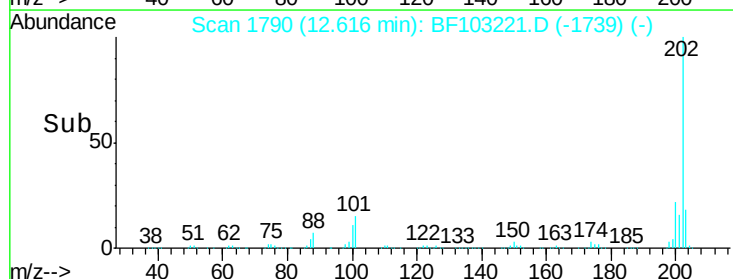
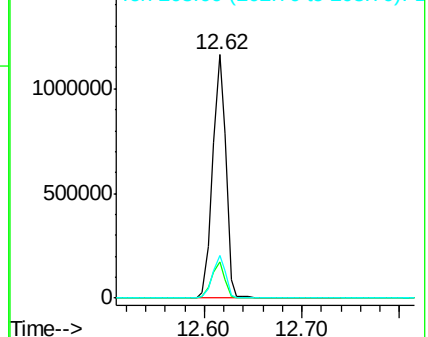
203 17.7 0.0 38.1

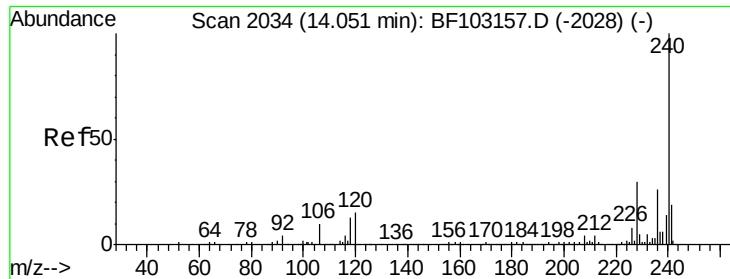


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

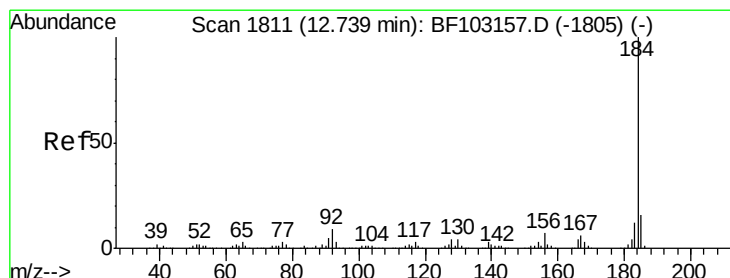
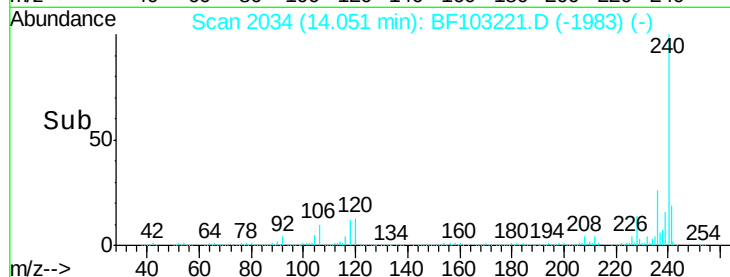
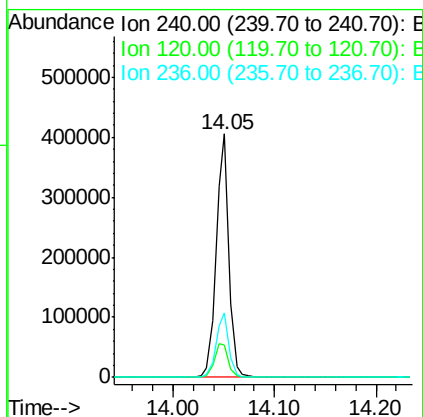
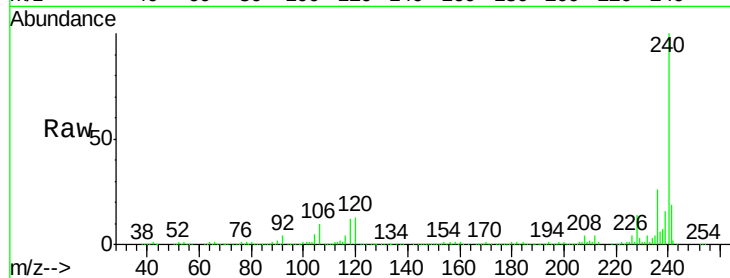




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

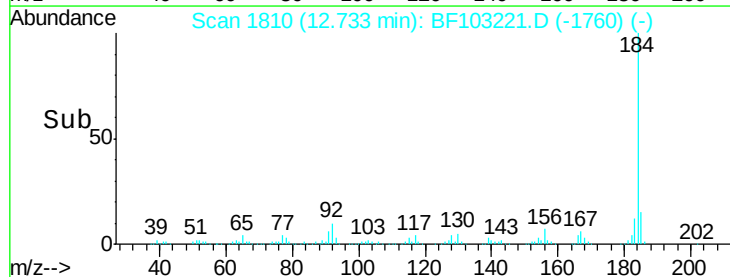
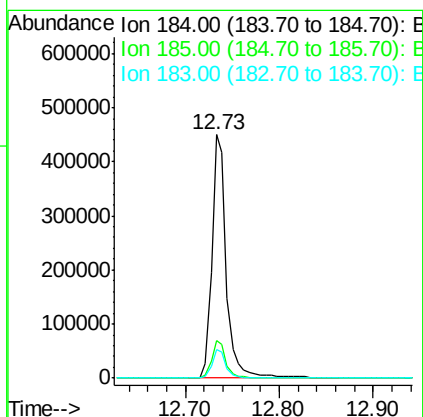
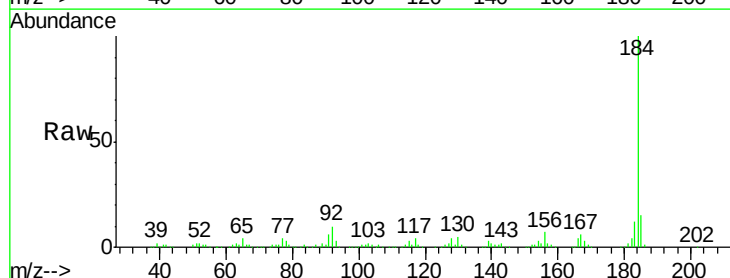
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

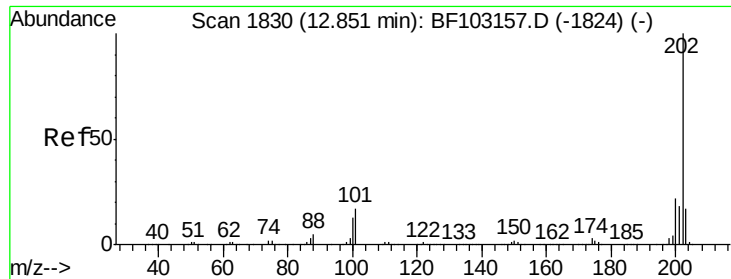
Tot Ion:240 Resp: 349909
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 26.4 20.7 31.1



#76
Benzidine
Concen: 37.737 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Tgt Ion:184 Resp: 493653
Ion Ratio Lower Upper
184 100
185 15.5 12.6 18.8
183 12.0 9.3 13.9

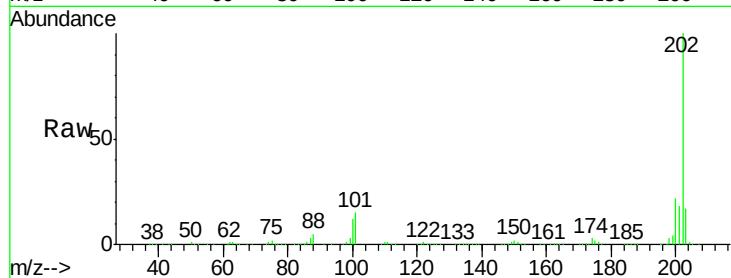




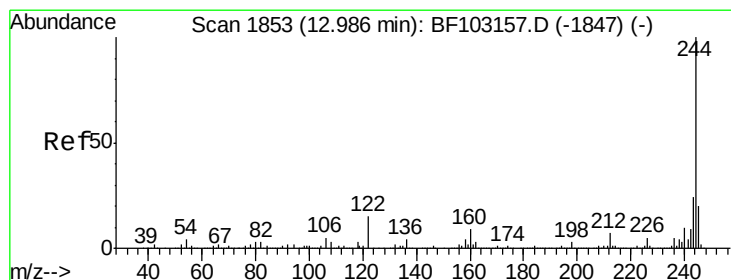
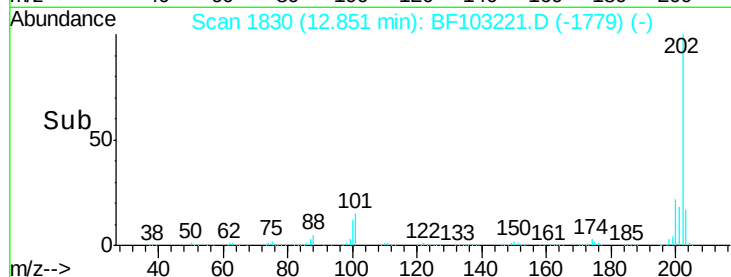
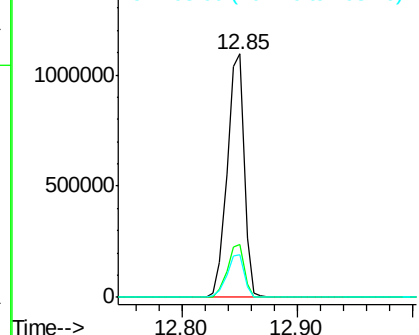
#77
Pvrene
Concen: 41.085 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1120839
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.4 14.3 21.5

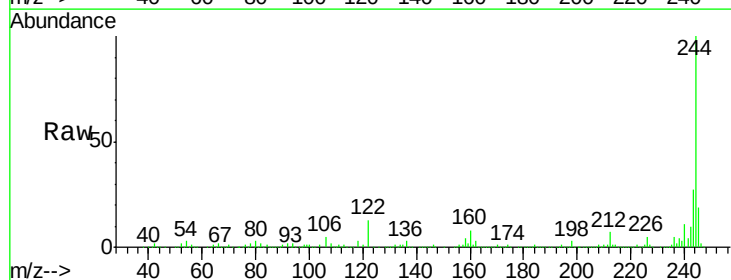


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

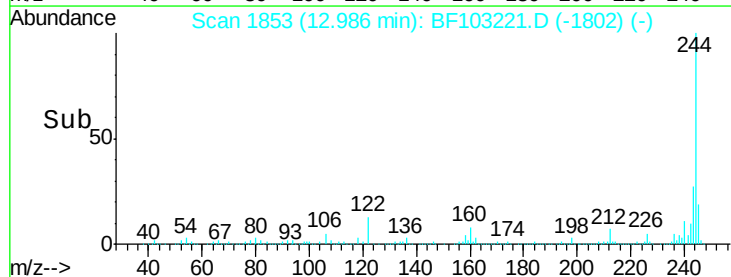
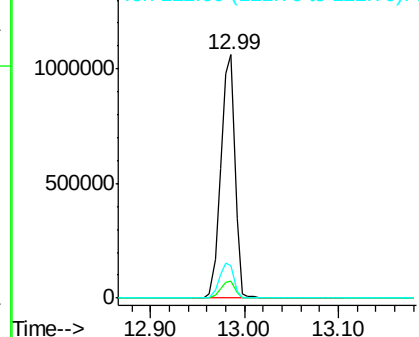


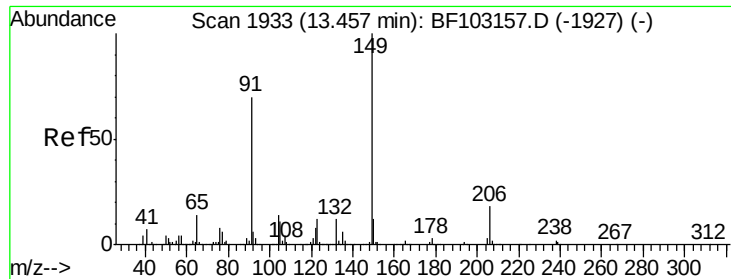
#78
Terphenyl-d14
Concen: 77.615 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Tgt Ion:244 Resp: 1129768
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 13.3 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

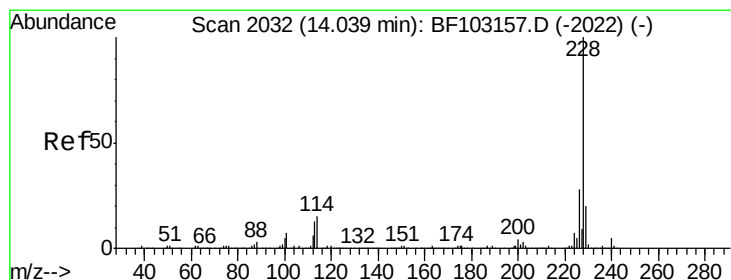
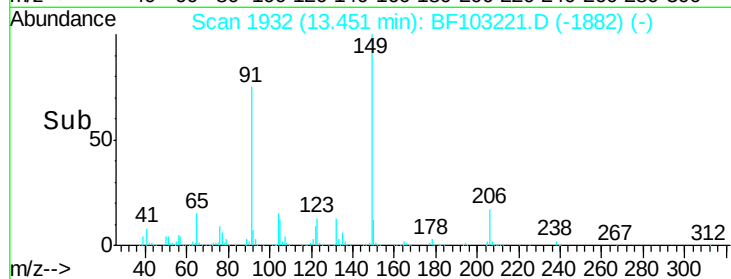
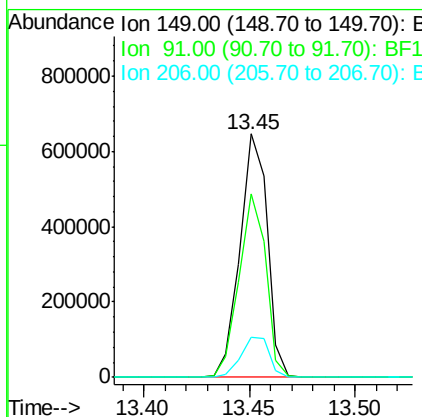
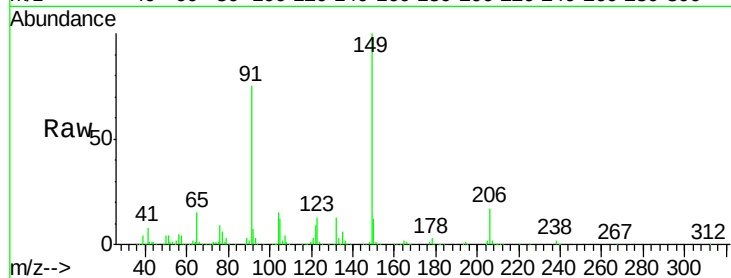




#79
Butylbenzylphthalate
Concen: 40.320 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

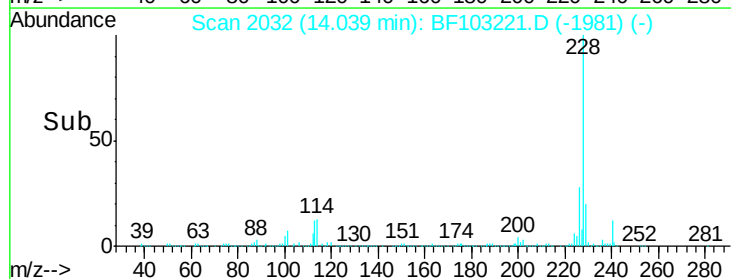
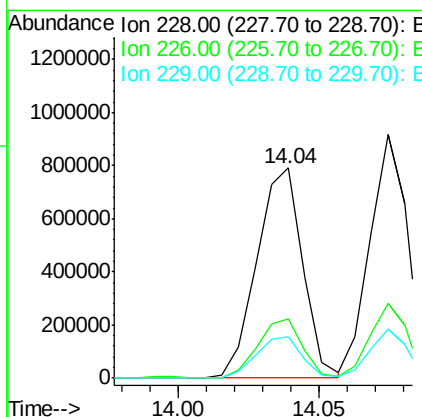
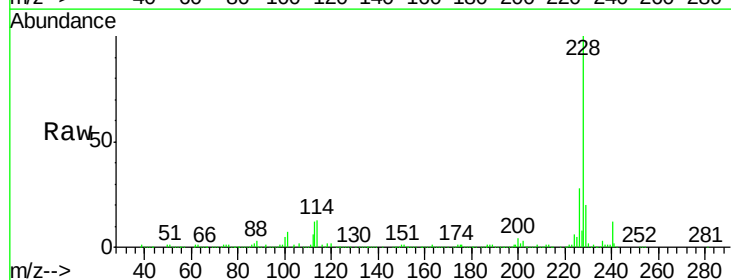
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

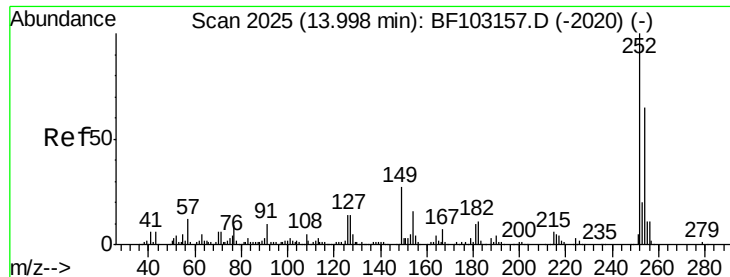
Tot Ion:	149	Resp:	581154
Ion	Ratio	Lower	Upper
149	100		
91	75.4	56.8	85.2
206	16.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.059 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Tgt Ion:	228	Resp:	886777
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.6	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 39.413 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

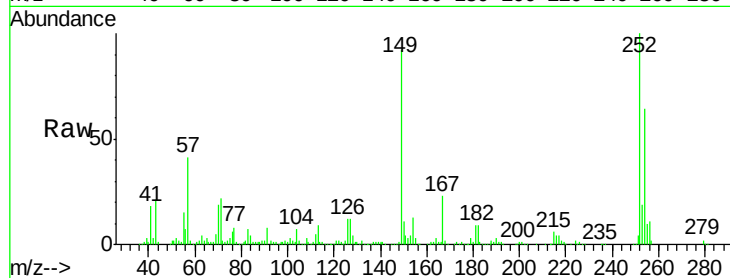
Tot Ion:252 Resp: 319338

Ion Ratio Lower Upper

252 100

254 63.6 50.4 75.6

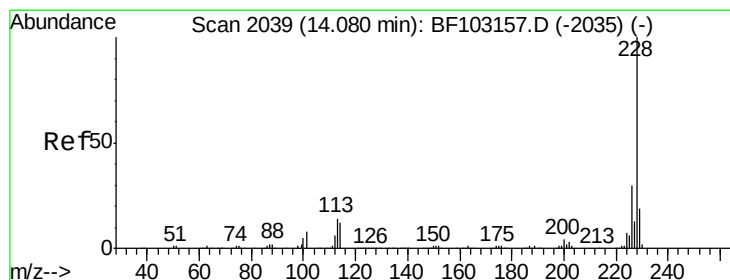
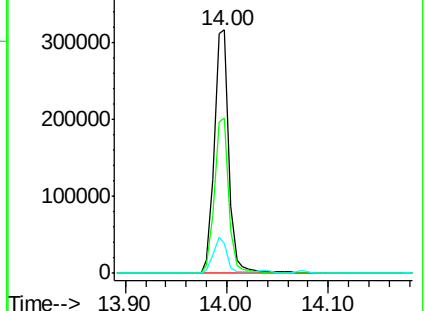
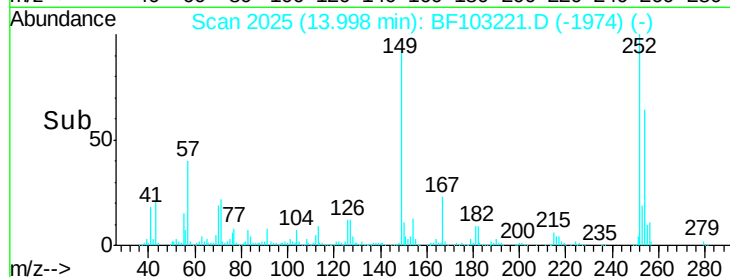
126 12.0 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.884 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

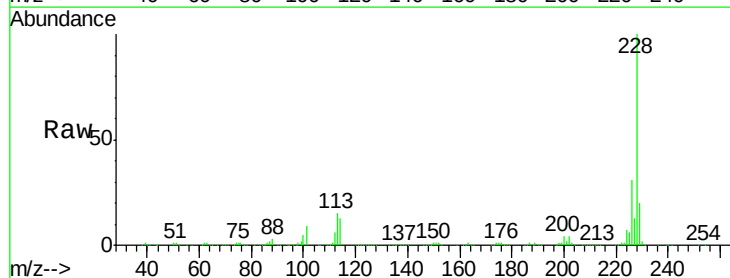
Tgt Ion:228 Resp: 857178

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

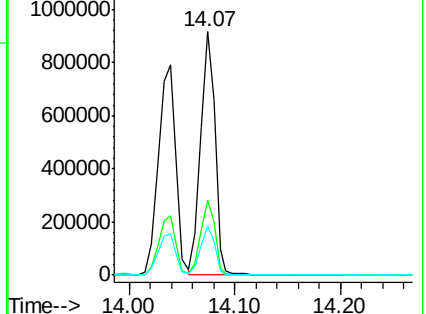
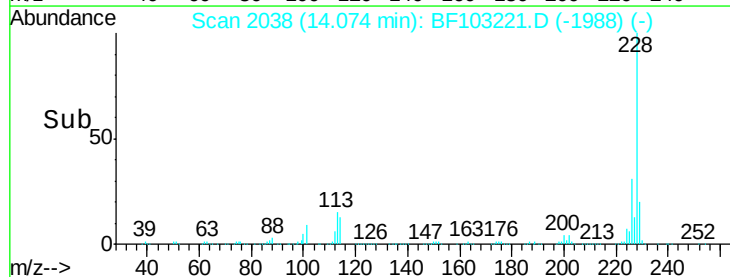
229 20.1 16.2 24.4

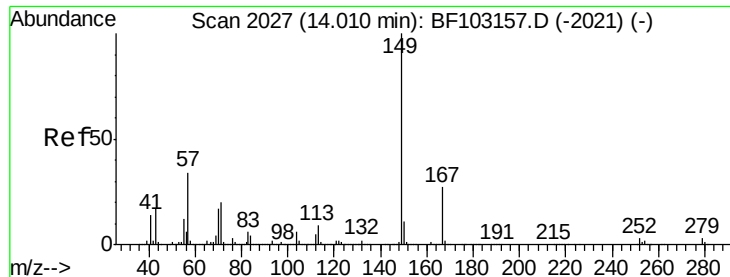


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.783 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

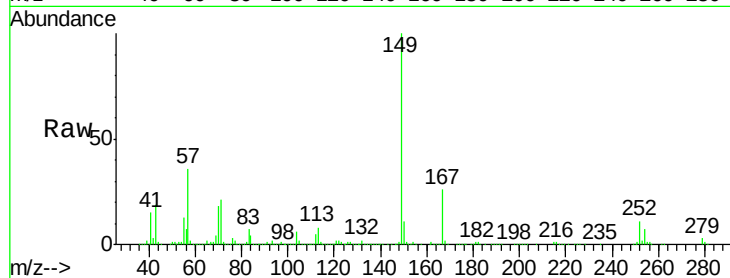
Tot Ion:149 Resp: 773801

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

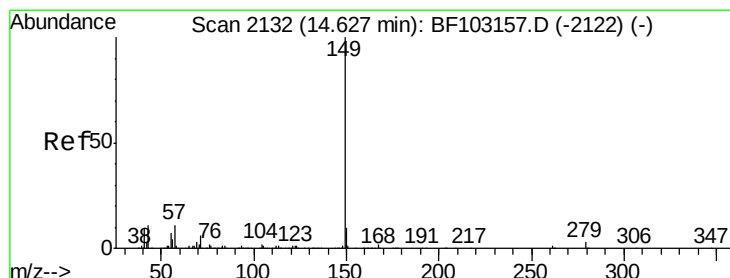
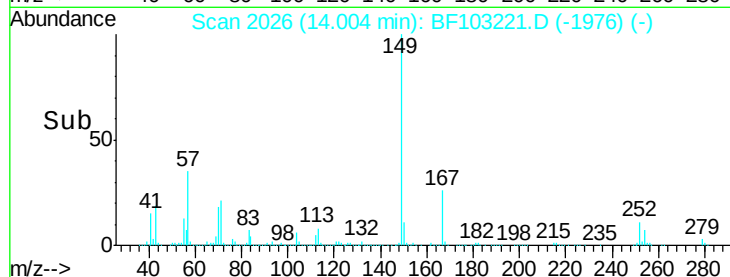
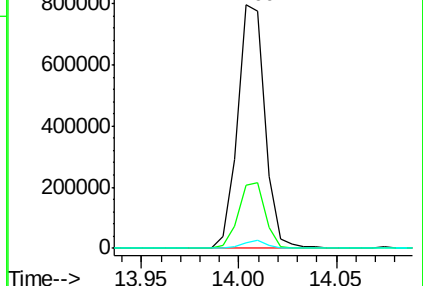
279 2.5 3.0 4.4#



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: 37.246 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

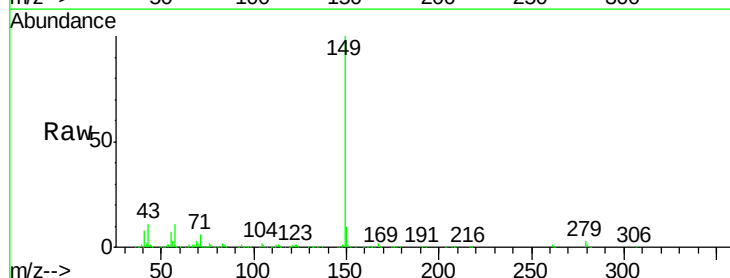
Tgt Ion:149 Resp: 1170497

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

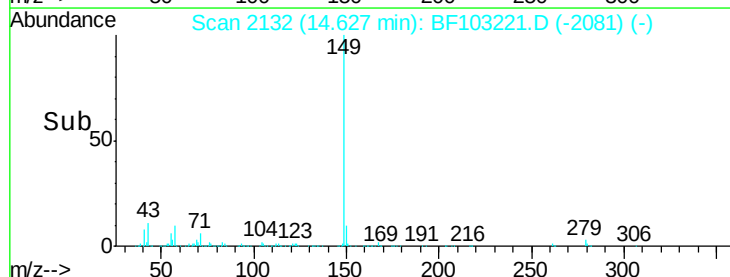
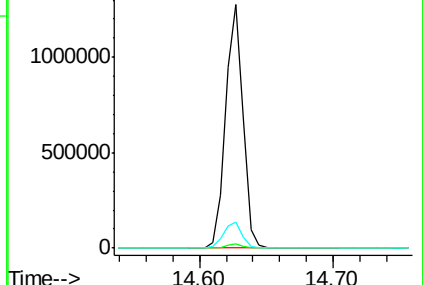
43 11.1 8.4 12.6

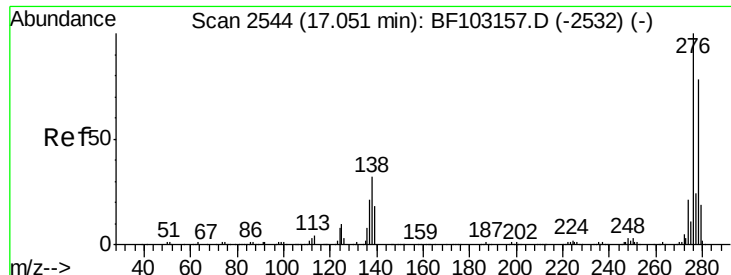


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

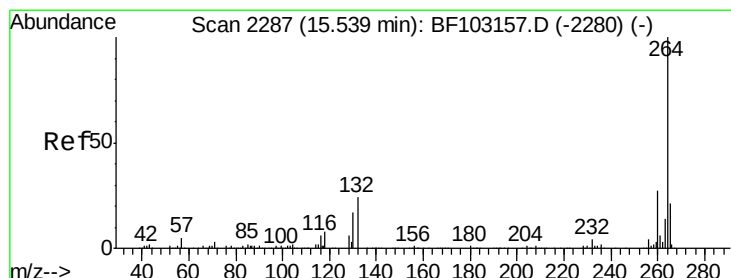
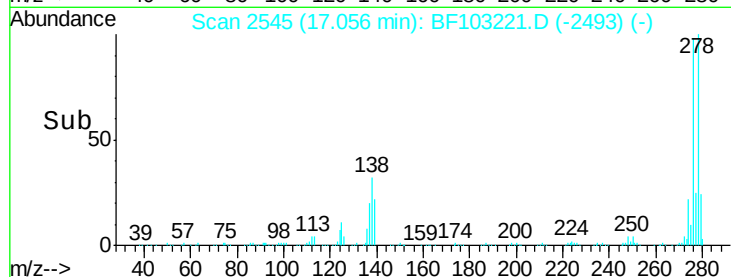
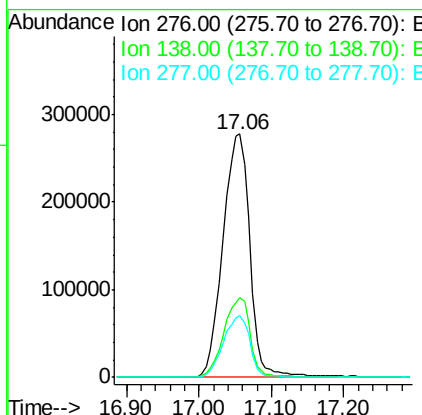
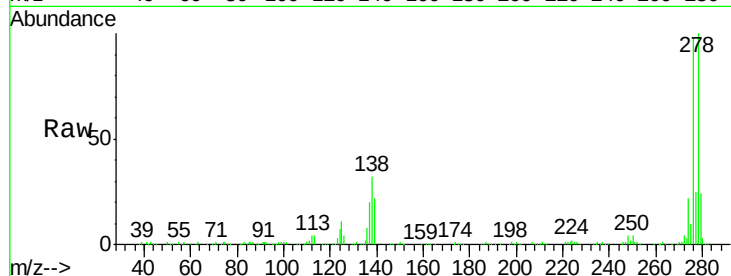




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.247 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

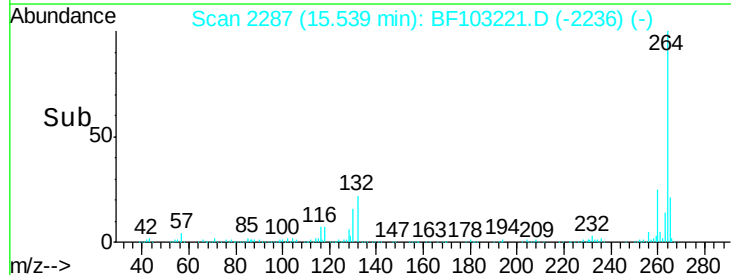
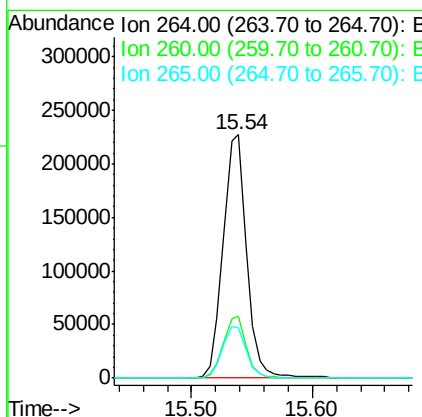
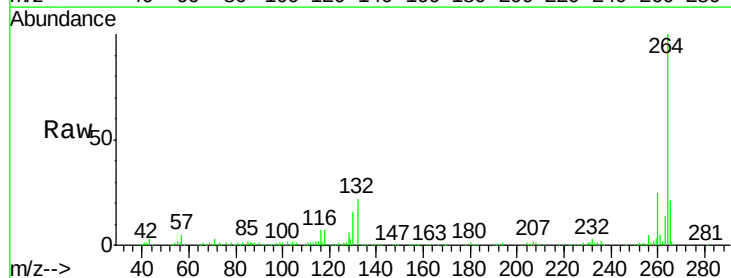
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

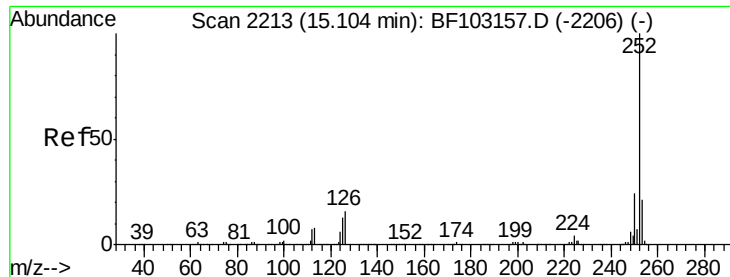
Tot Ion:276 Resp: 719854
Ion Ratio Lower Upper
276 100
138 32.4 25.0 37.6
277 25.1 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Tgt Ion:264 Resp: 306677
Ion Ratio Lower Upper
264 100
260 25.5 19.2 28.8
265 20.8 17.5 26.3

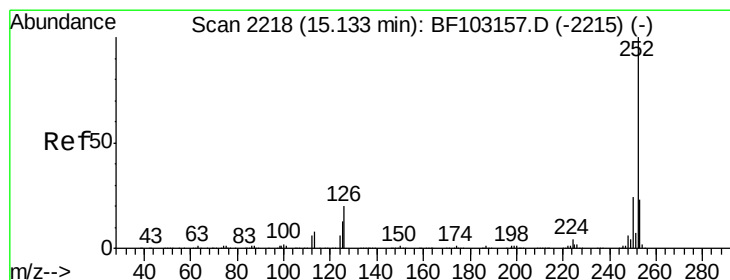
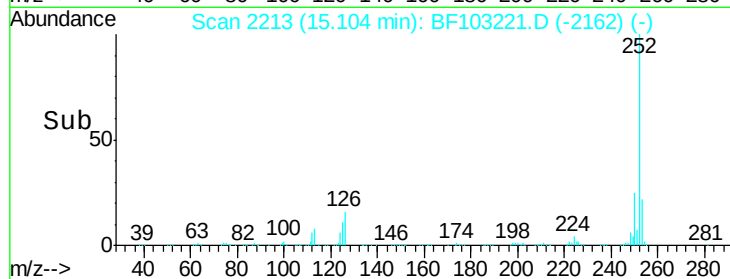
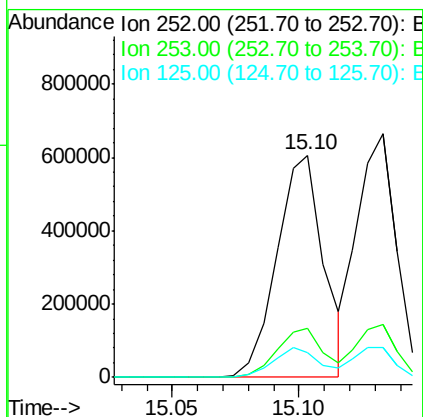
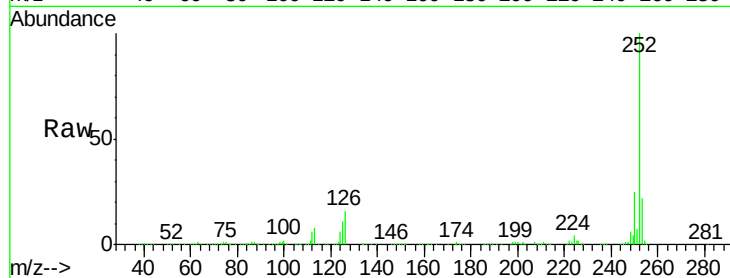




#87
Benzo(b)fluoranthene
Concen: 38.712 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

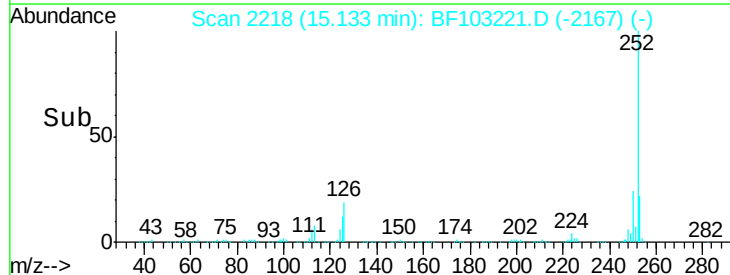
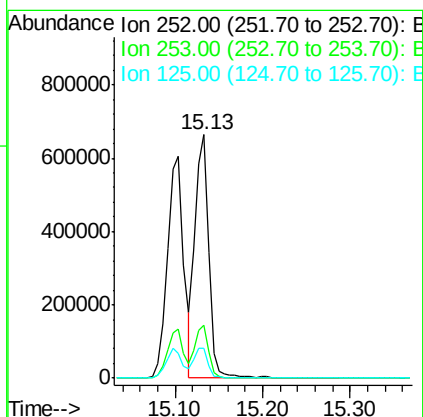
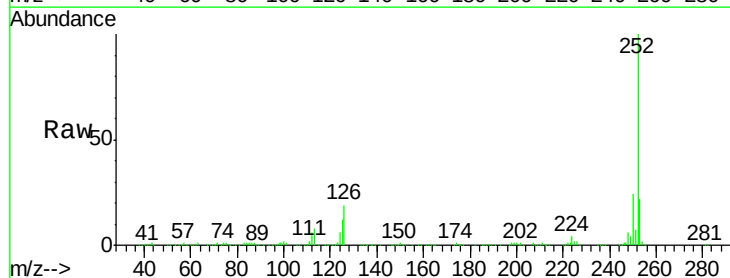
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

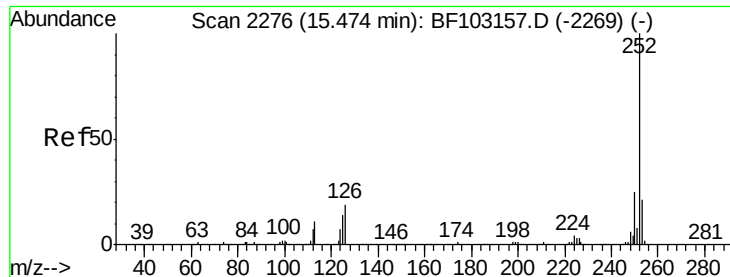
Tot Ion:252 Resp: 780584
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 11.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.703 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103221.D
Acq: 26 Feb 2018 16:59

Tgt Ion:252 Resp: 734875
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 12.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.136 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

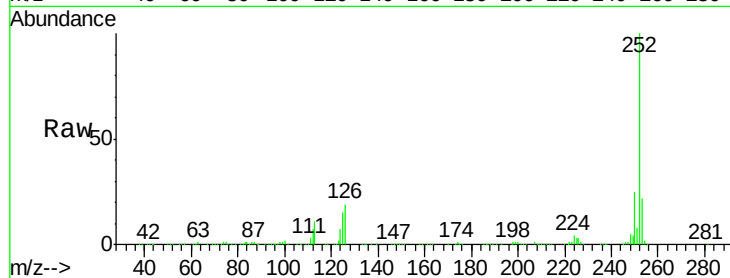
Tot Ion:252 Resp: 704684

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

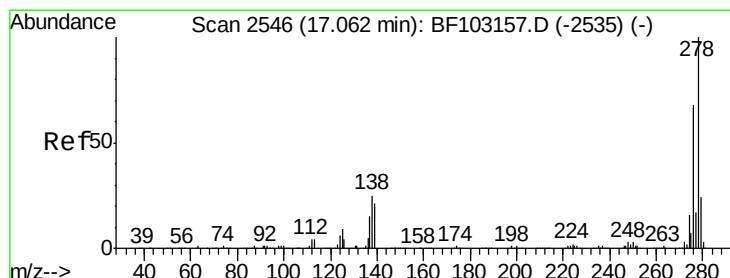
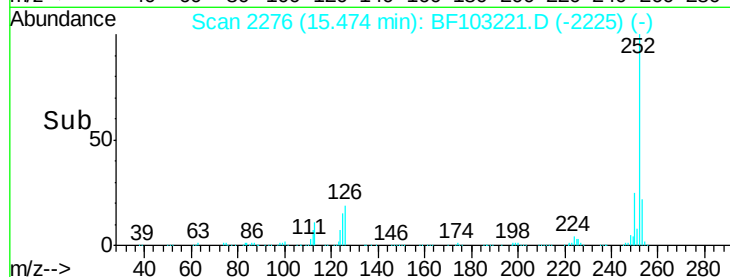
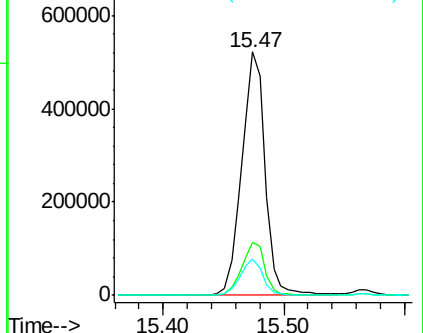
125 14.9 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.909 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BF103221.D

Acq: 26 Feb 2018 16:59

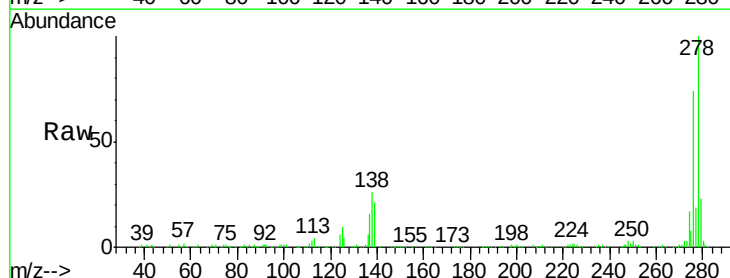
Tgt Ion:278 Resp: 597022

Ion Ratio Lower Upper

278 100

139 20.6 15.9 23.9

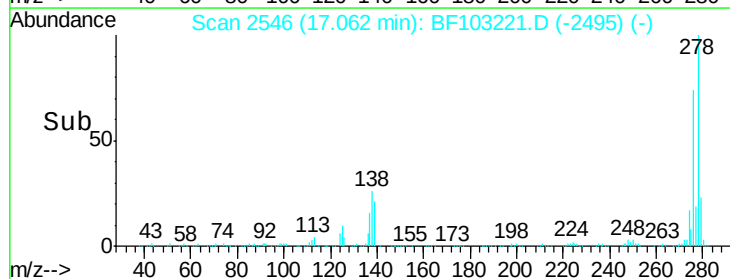
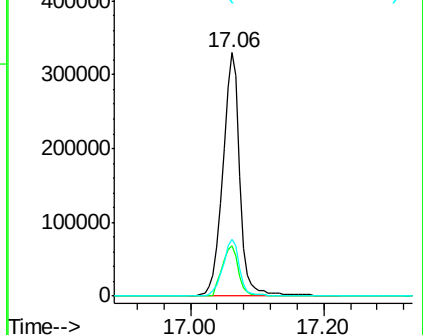
279 23.5 19.0 28.4

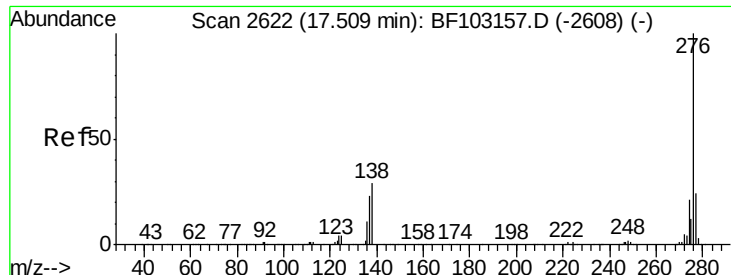


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

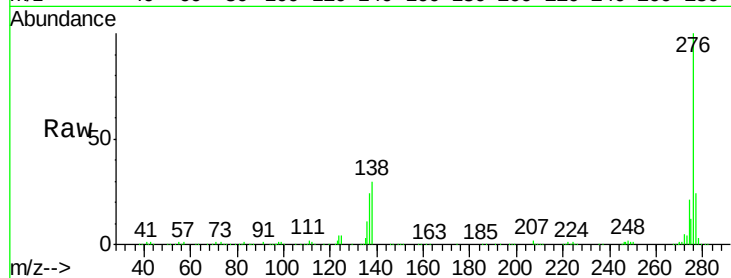




#91
 Benzo(a,h,i)perylene
 Concen: 44.425 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. -0.00 min
 Lab File: BF103221.D
 Acq: 26 Feb 2018 16:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	30.2	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

