

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
 Data File : BF103051.D
 Acq On : 16 Feb 2018 14:46
 Operator : SJ/JU
 Sample : J1548-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22A-2

Quant Time: Feb 16 16:16:27 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	187744	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	762453	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	309164	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	455621	20.00	ng	0.00
75) Chrysene-d12	14.04	240	327317	20.00	ng	-0.01
86) Perylene-d12	15.54	264	279653	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	982090	79.44	ng	0.00
7) Phenol-d6	6.51	99	1362112	91.51	ng	0.00
23) Nitrobenzene-d5	7.44	82	856318	77.91	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	109200	43.88	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1301902	69.88	ng	0.00
78) Terphenyl-d14	12.99	244	926094	66.99	ng	0.00

Target Compounds

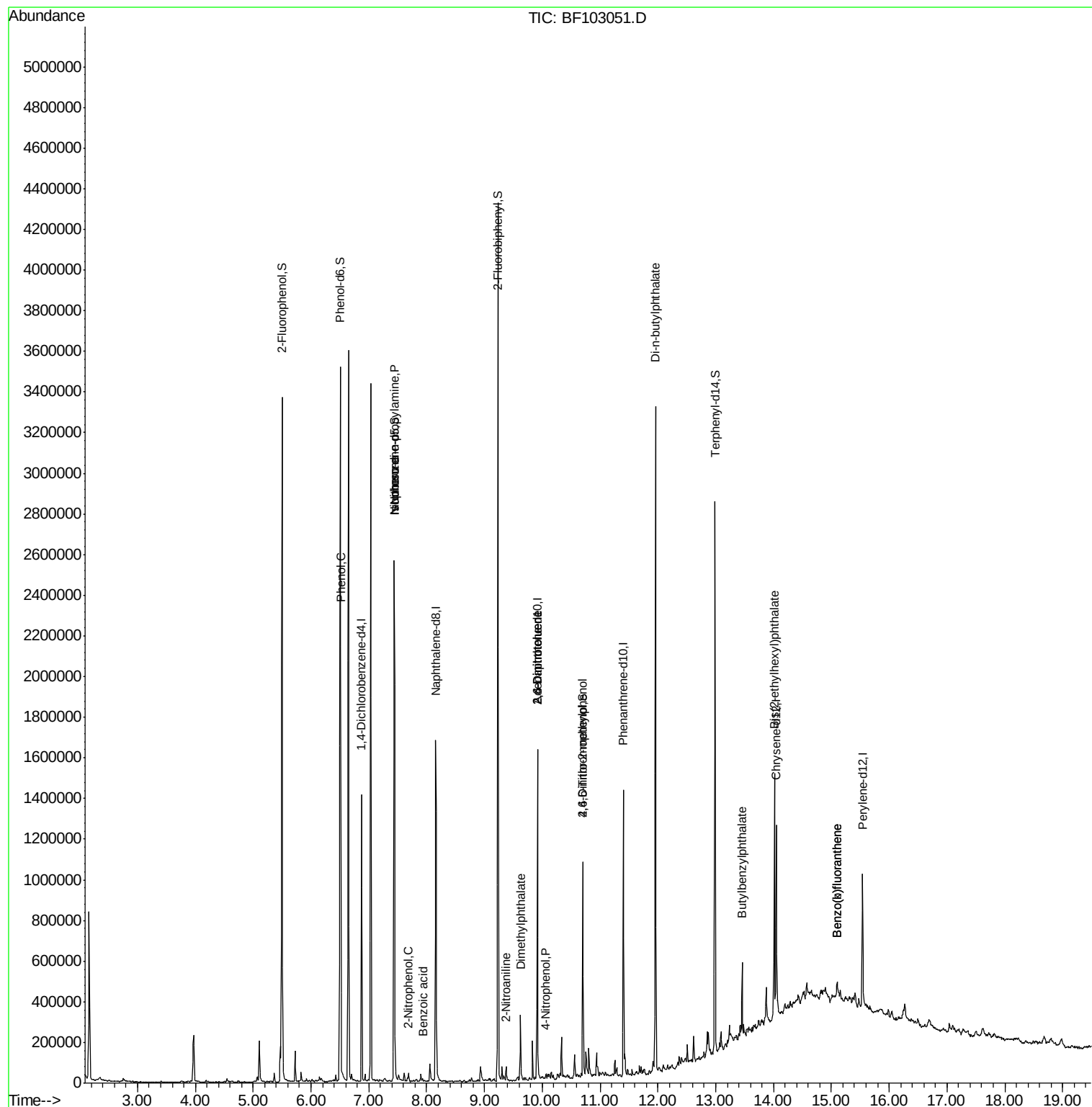
						Qvalue
10) Phenol	6.52	94	61144	3.833	ng	98
19) n-Nitroso-di-n-propylamine	7.44	70	114235	11.640	ng	# 81
25) Isophorone	7.44	82	856270	33.833	ng	# 64
26) 2-Nitrophenol	7.69	139	223	8.701	ng	# 26
32) Benzoic acid	7.94	122	118	8.558	ng	# 1
47) 2-Nitroaniline	9.37	65	1953	3.759	ng	# 13
49) Dimethylphthalate	9.62	163	112545	4.669	ng	99
50) 2,6-Dinitrotoluene	9.92	165	40023	8.727	ng	# 25
55) 4-Nitrophenol	10.07	139	117	4.048	ng	# 14
56) 2,4-Dinitrotoluene	9.92	165	40023	9.166	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	236	8.907	ng	# 1
73) Di-n-butylphthalate	11.96	149	1813416	59.042	ng	99
79) Butylbenzylphthalate	13.46	149	71994	6.764	ng	96
83) Bis(2-ethylhexyl)phthalate	14.02	149	333604	21.217	ng	100
87) Benzo(b)fluoranthene	15.10	252	52252	2.882	ng	# 79
88) Benzo(k)fluoranthene	15.10	252	52252	3.016	ng	# 82

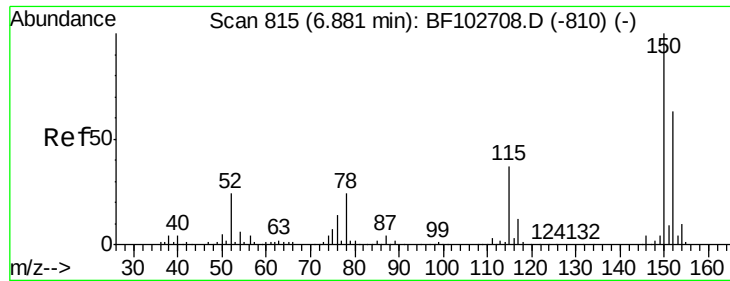
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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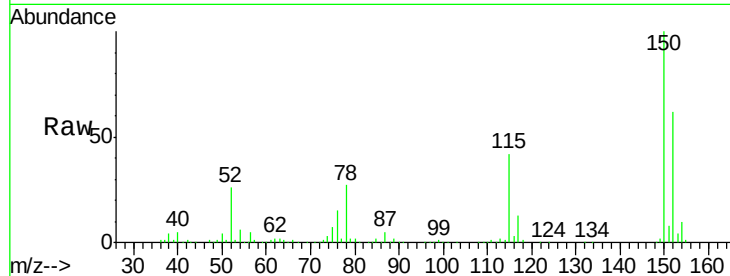


#1

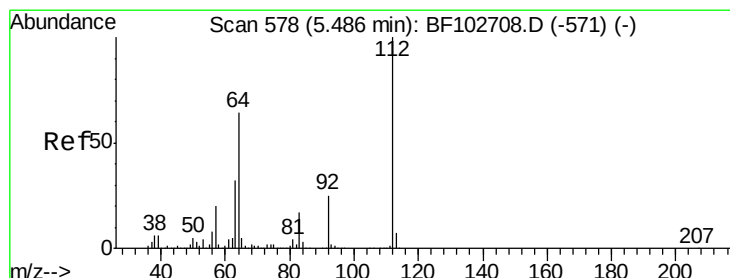
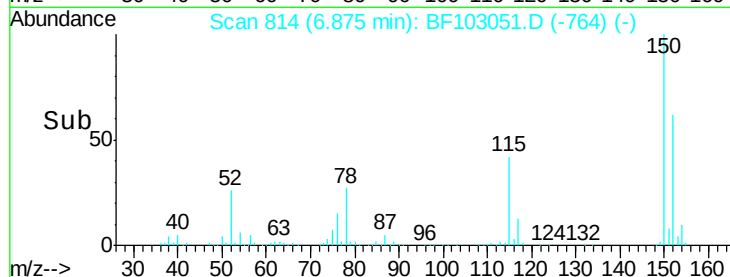
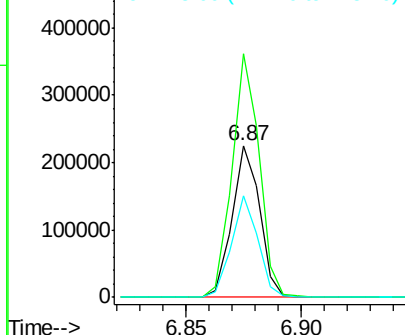
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
22A-2

Tgt Ion:152 Resp: 187744
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 66.8 50.1 75.1



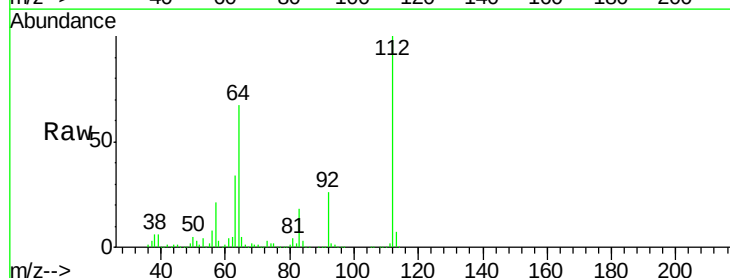
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



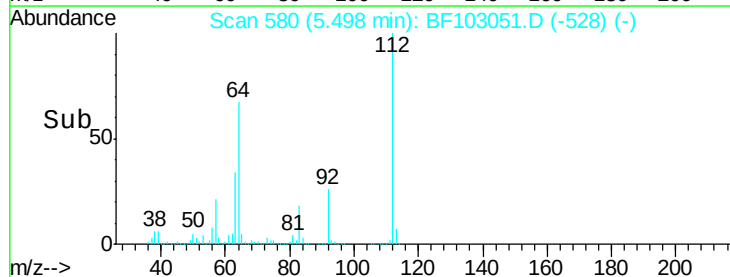
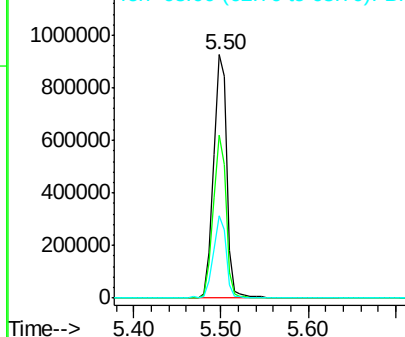
#5

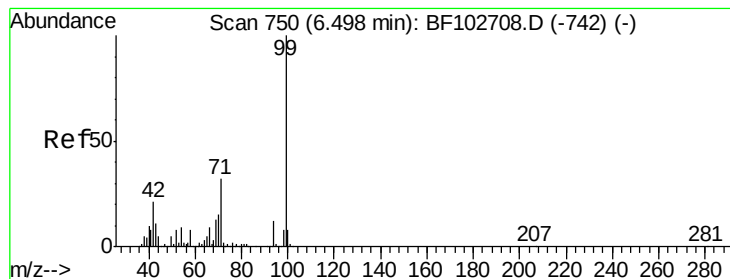
2-Fluorophenol
Concen: 79.442 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion:112 Resp: 982090
Ion Ratio Lower Upper
112 100
64 66.7 47.9 71.9
63 33.6 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





#7

Phenol-d6

Concen: 91.508 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103051.D

Acq: 16 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

22A-2

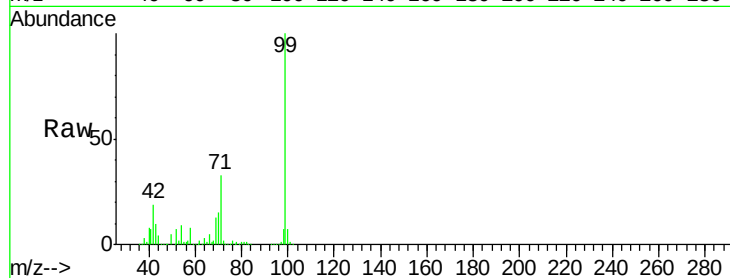
Tgt Ion: 99 Resp: 1362112

Ion Ratio Lower Upper

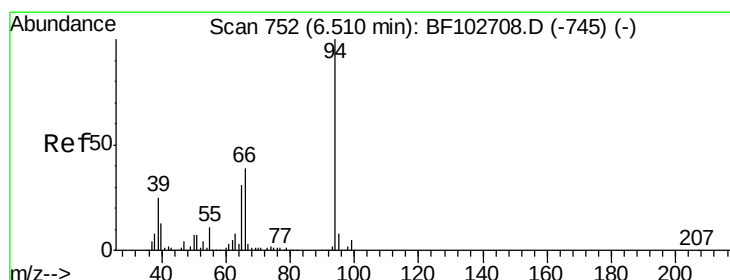
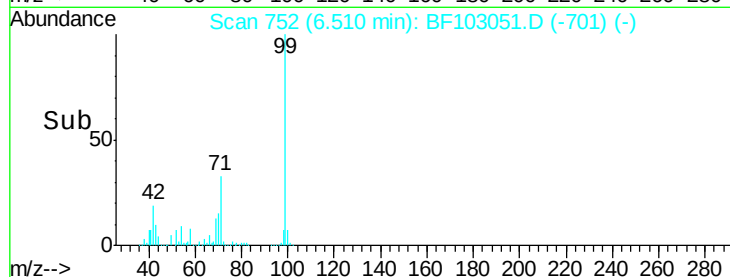
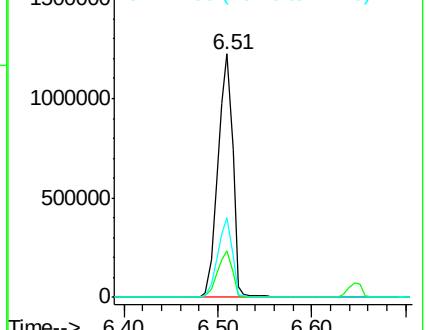
99 100

42 19.3 14.5 21.7

71 32.8 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



#10

Phenol

Concen: 3.833 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF103051.D

Acq: 16 Feb 2018 14:46

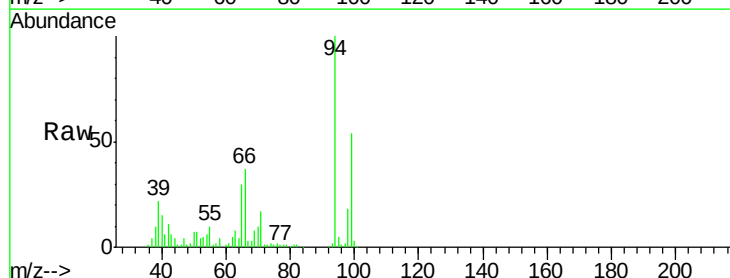
Tgt Ion: 94 Resp: 61144

Ion Ratio Lower Upper

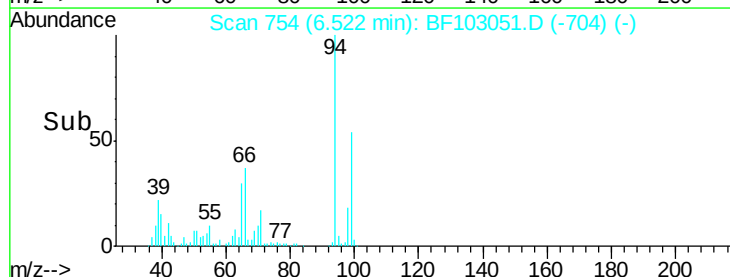
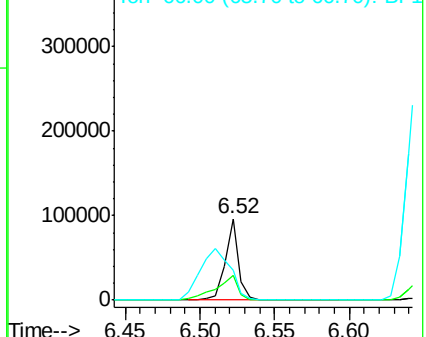
94 100

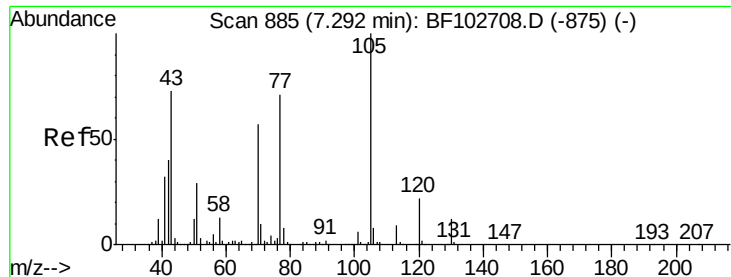
65 29.6 7.9 47.9

66 37.1 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

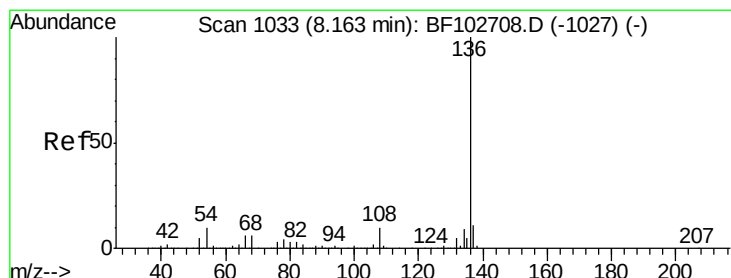
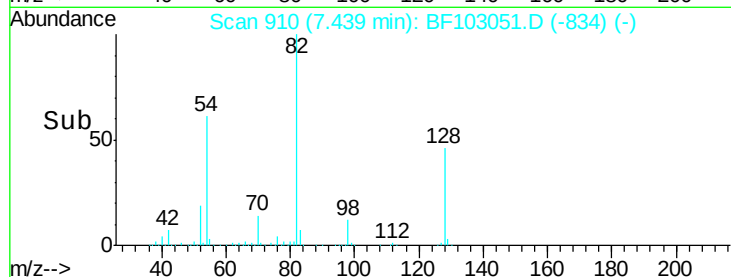
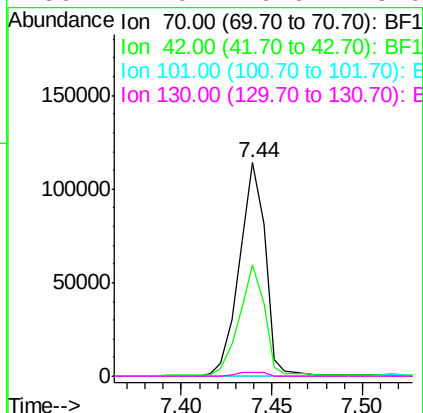
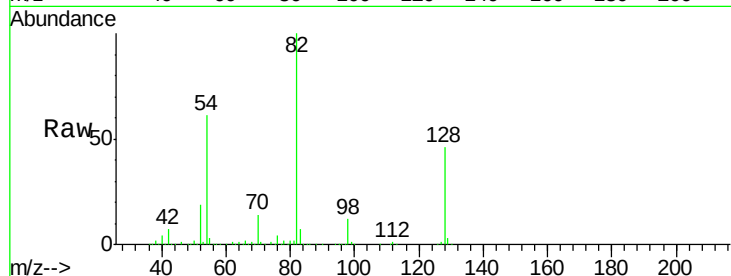




#19
n-Nitroso-di-n-propylamine
Concen: 11.640 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

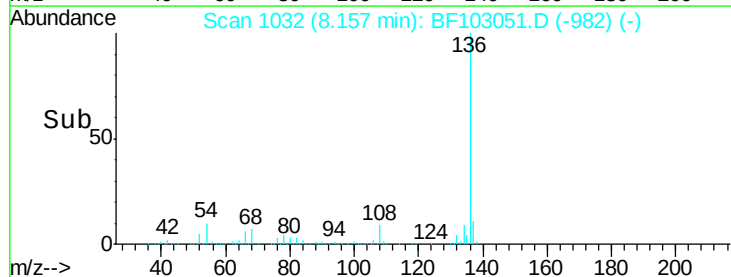
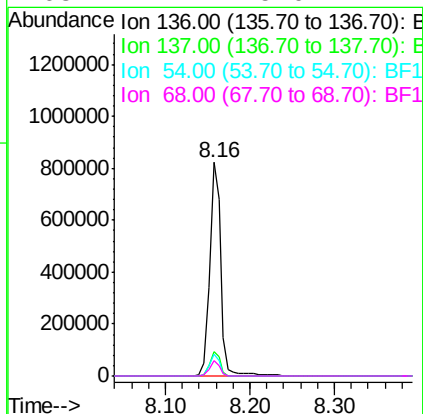
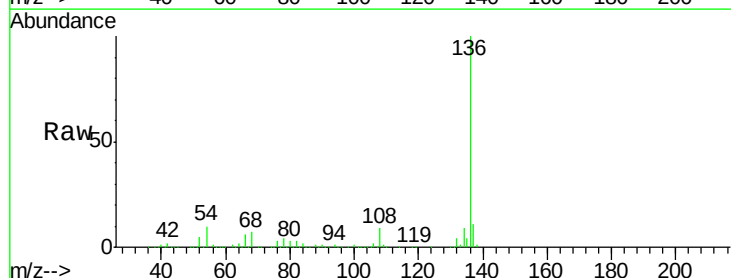
Instrument :
BNA_F
ClientSampleId :
22A-2

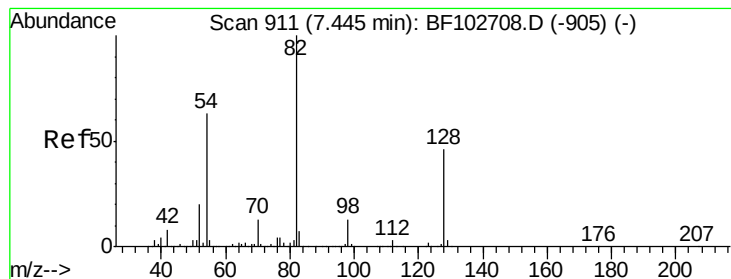
Tgt Ion: 70 Resp: 114235
Ion Ratio Lower Upper
70 100
42 51.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion: 136 Resp: 762453
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 10.1 6.6 9.8#
68 7.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 77.911 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103051.D

Acq: 16 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

22A-2

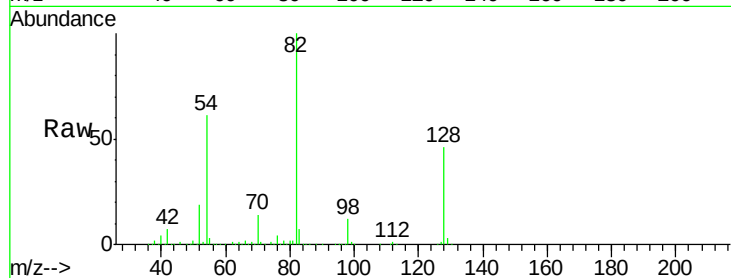
Tgt Ion: 82 Resp: 856318

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

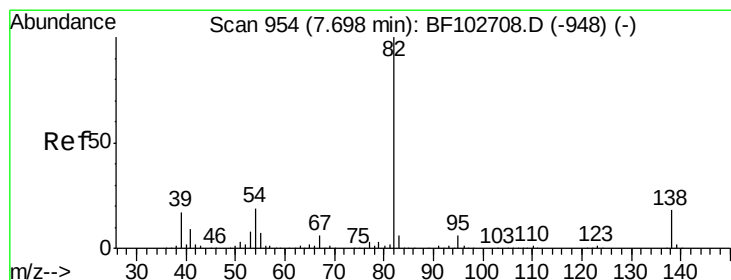
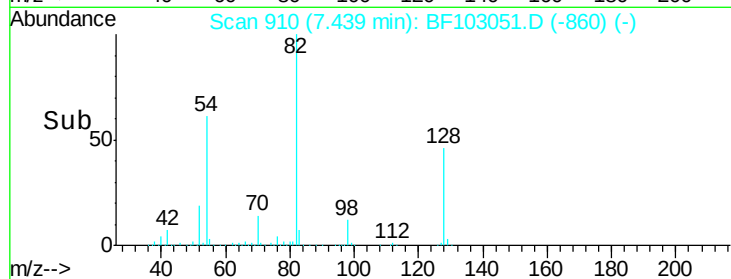
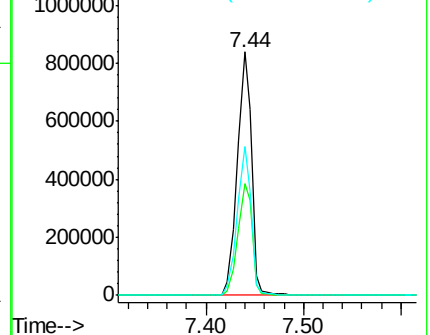
54 60.9 41.4 62.2



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



#25

Isophorone

Concen: 33.833 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF103051.D

Acq: 16 Feb 2018 14:46

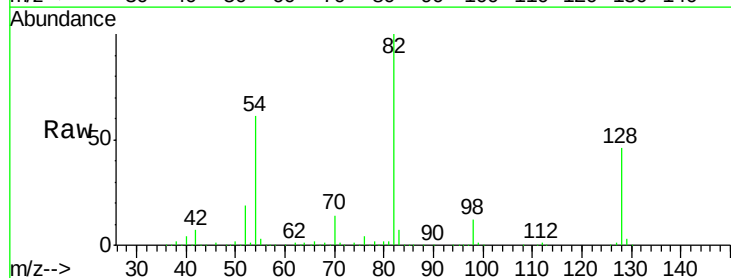
Tgt Ion: 82 Resp: 856270

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

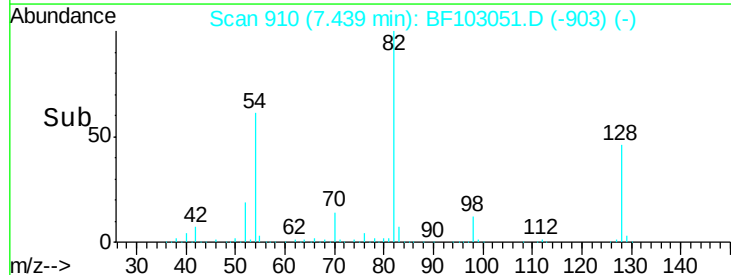
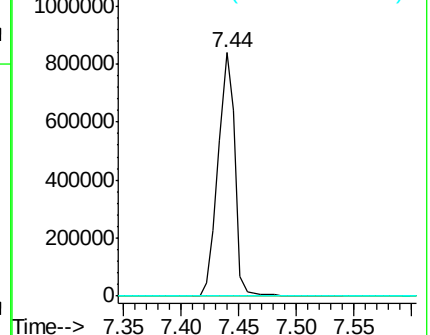
138 0.0 14.9 22.3#

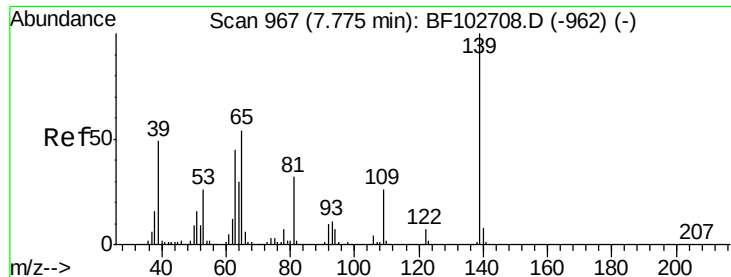


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

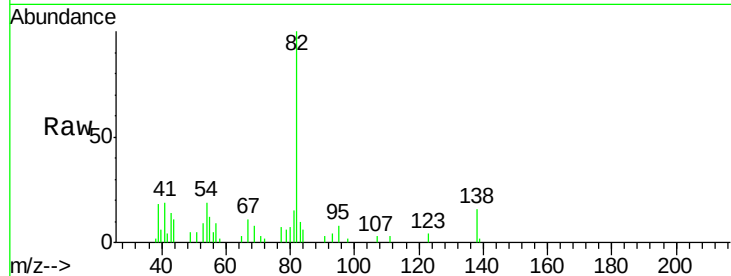




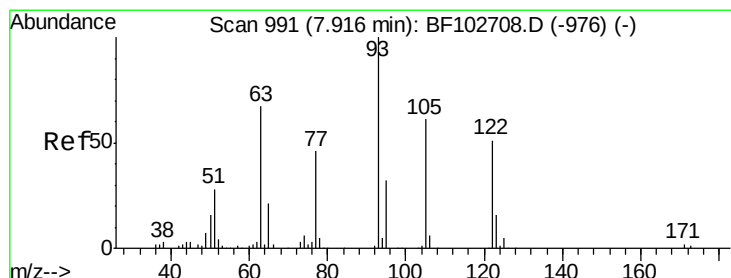
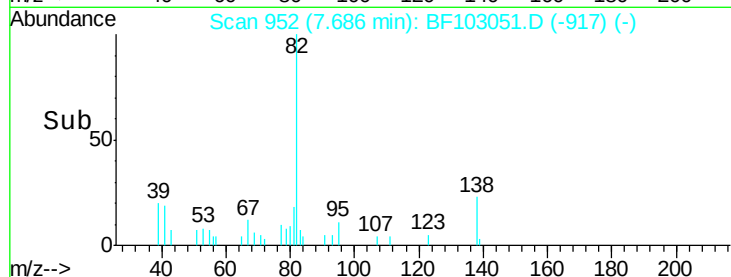
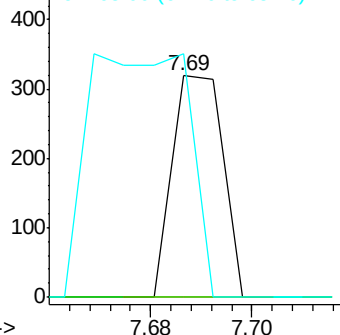
#26
2-Nitrophenol
Concen: 8.701 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.09 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
22A-2

Tgt Ion:139 Resp: 223
Ion Ratio Lower Upper
139 100
109 0.0 22.7 34.1#
65 109.7 40.5 60.7#

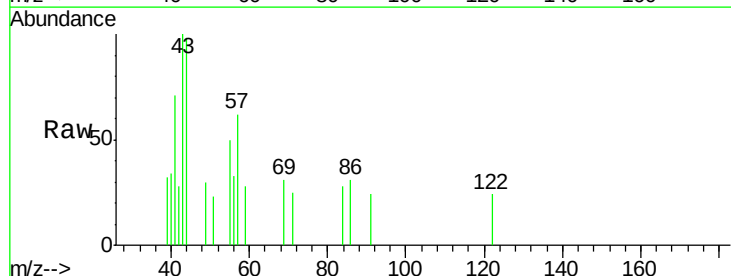


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

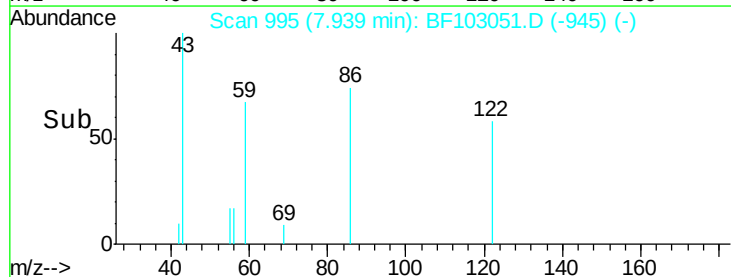
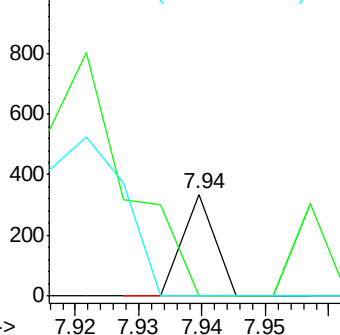


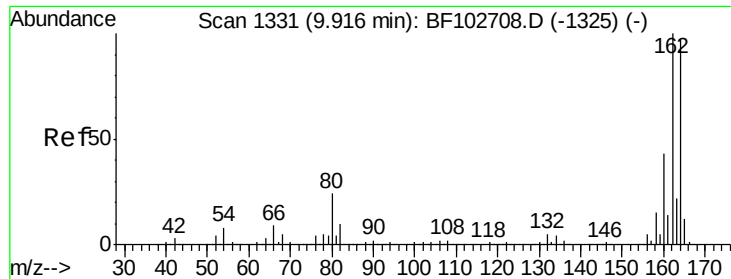
#32
Benzoic acid
Concen: 8.558 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion:122 Resp: 118
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 0.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

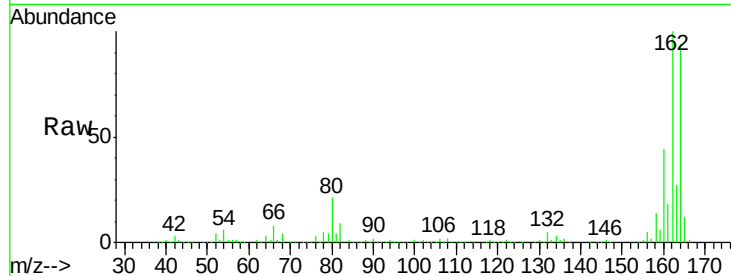




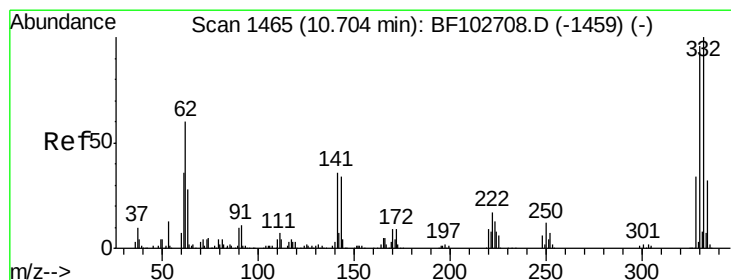
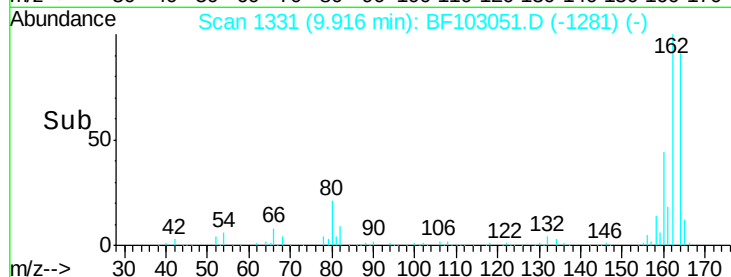
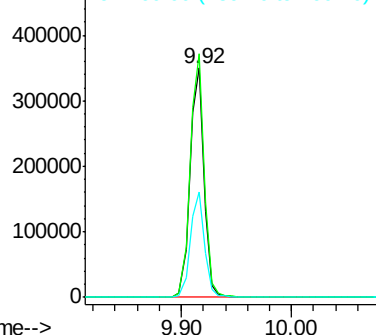
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Instrument :
BNA_F
ClientSampled :
22A-2

Tgt Ion:164 Resp: 309164
Ion Ratio Lower Upper
164 100
162 106.3 86.1 129.1
160 46.3 38.3 57.5

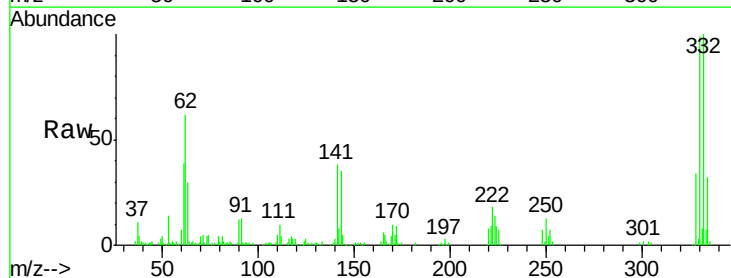


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

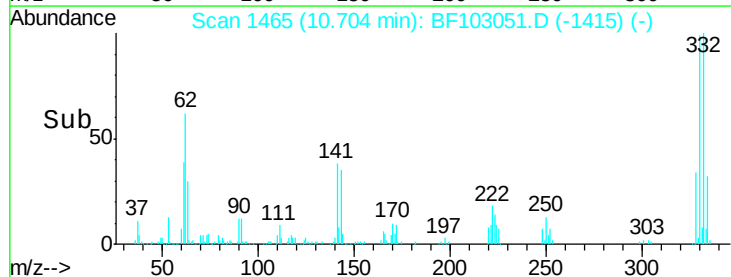
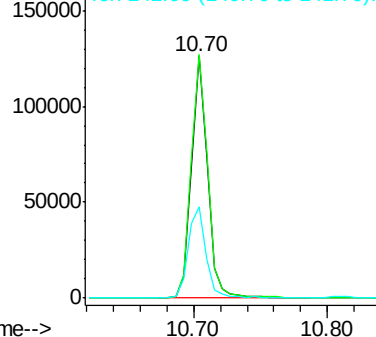


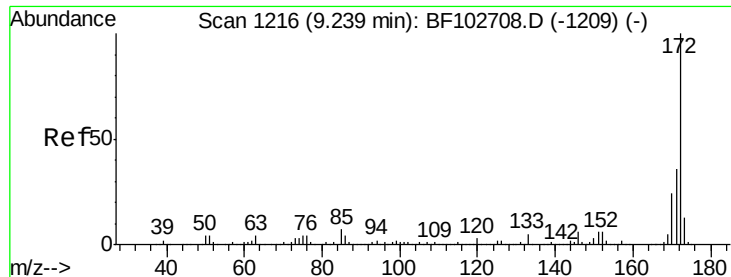
#41
2,4,6-Tribromophenol
Concen: 43.883 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion:330 Resp: 109200
Ion Ratio Lower Upper
330 100
332 102.8 77.0 115.6
141 41.9 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

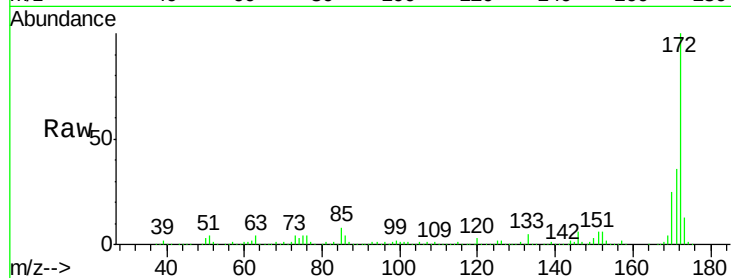




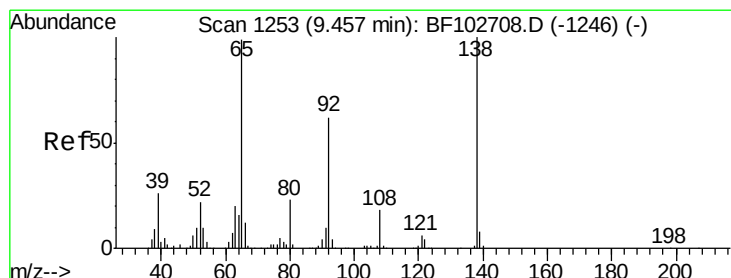
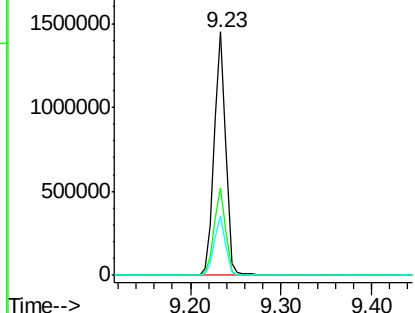
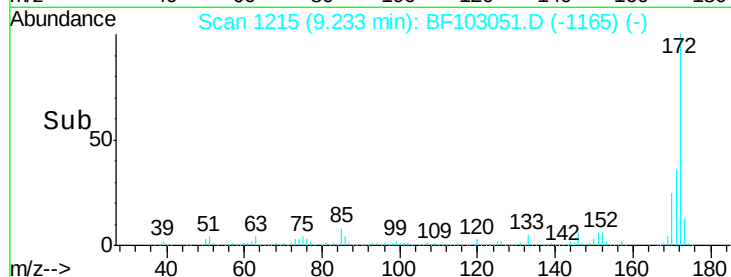
#44
 2-Fluorobiphenyl
 Concen: 69.876 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103051.D
 Acq: 16 Feb 2018 14:46

Instrument :
 BNA_F
 ClientSampleId :
 22A-2

Tgt Ion: 172 Resp: 1301902
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.6 19.6 29.4

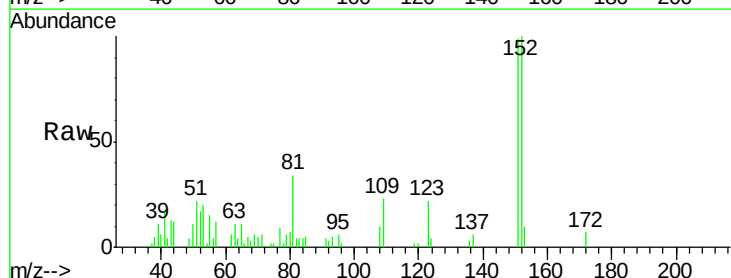


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

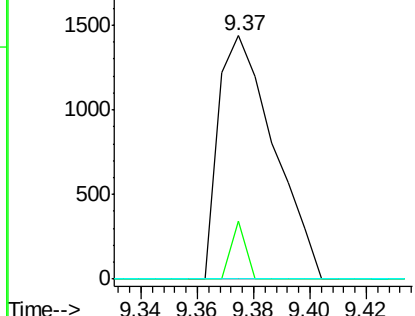
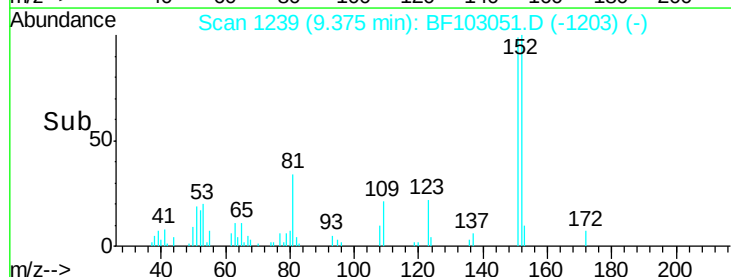


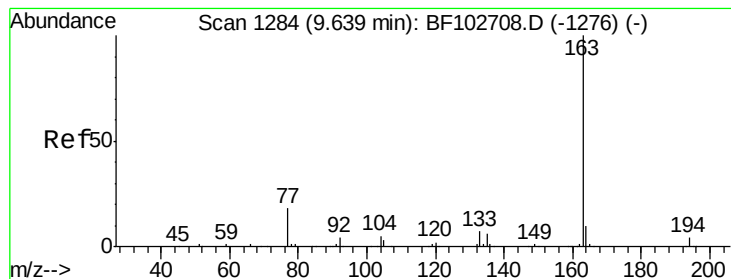
#47
 2-Nitroaniline
 Concen: 3.759 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.09 min
 Lab File: BF103051.D
 Acq: 16 Feb 2018 14:46

Tgt Ion: 65 Resp: 1953
 Ion Ratio Lower Upper
 65 100
 92 23.8 55.8 83.6#
 138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 2000
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 4.669 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF103051.D

Acq: 16 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

22A-2

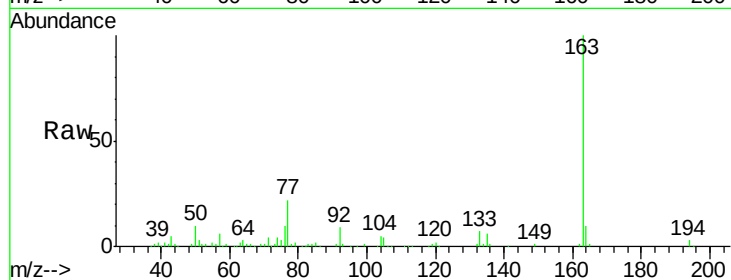
Tgt Ion:163 Resp: 112545

Ion Ratio Lower Upper

163 100

194 2.8 2.7 4.1

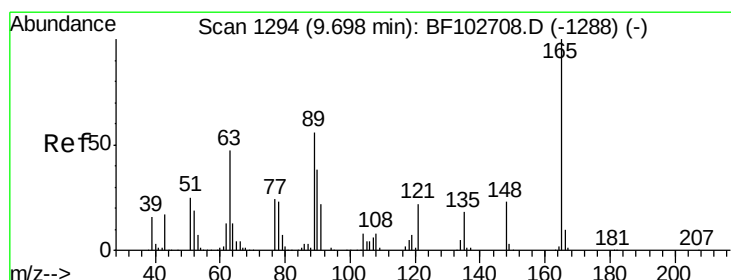
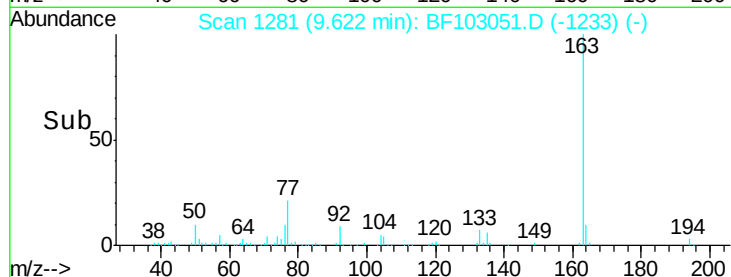
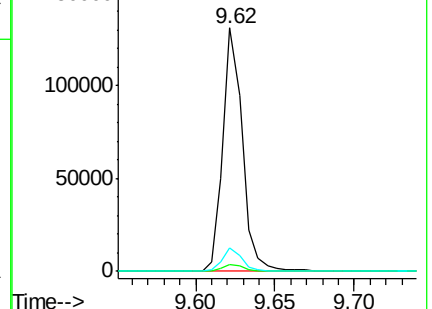
164 9.8 8.2 12.2



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: 8.727 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF103051.D

Acq: 16 Feb 2018 14:46

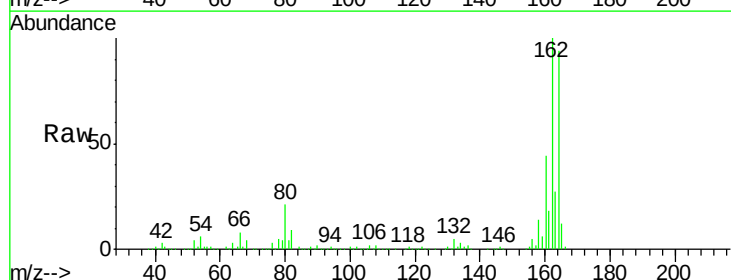
Tgt Ion:165 Resp: 40023

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

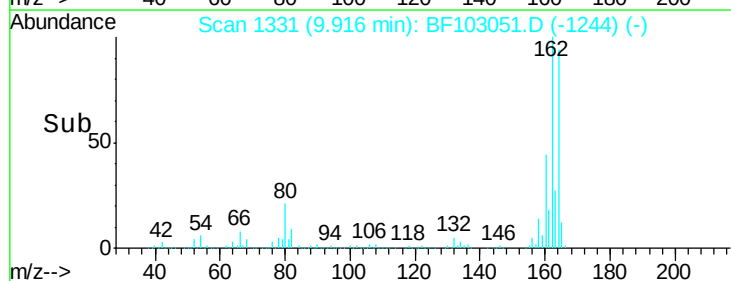
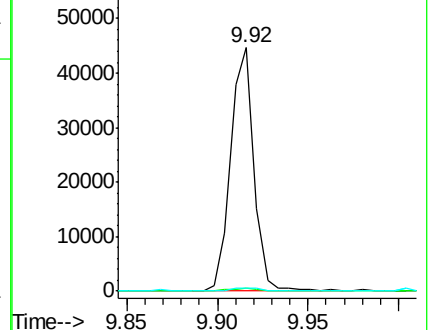
89 1.3 44.0 66.0#

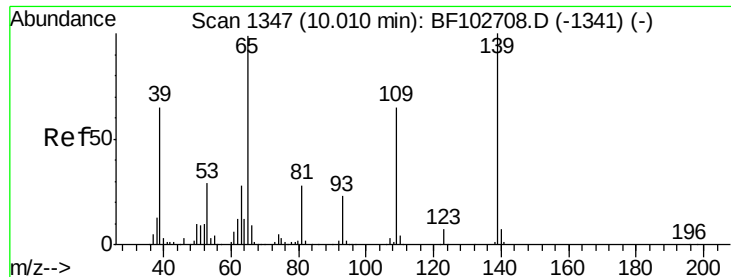


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#55

4-Nitrophenol

Concen: 4.048 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.04 min

Lab File: BF103051.D

Acq: 16 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

22A-2

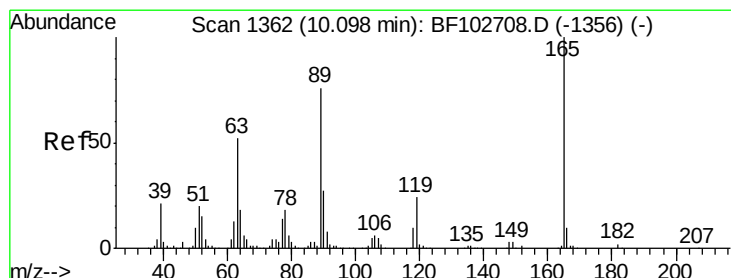
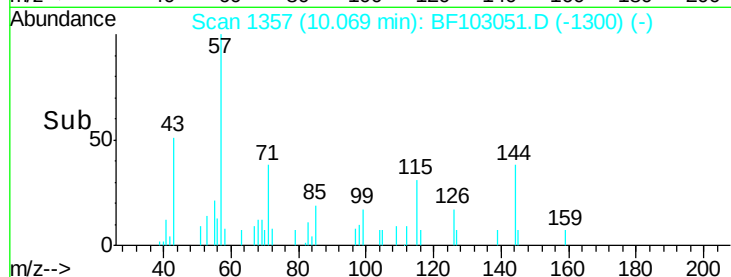
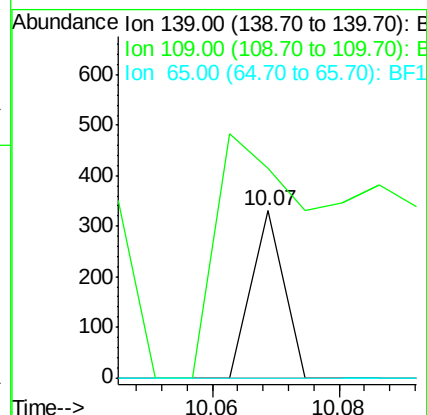
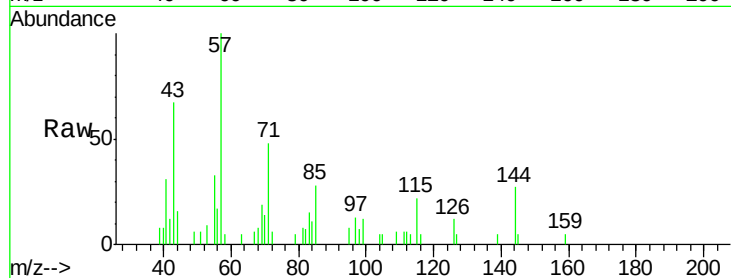
Tgt Ion:139 Resp: 117

Ion Ratio Lower Upper

139 100

109 125.7 48.4 88.4#

65 0.0 72.6 112.6#



#56

2,4-Dinitrotoluene

Concen: 9.166 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF103051.D

Acq: 16 Feb 2018 14:46

Tgt Ion:165 Resp: 40023

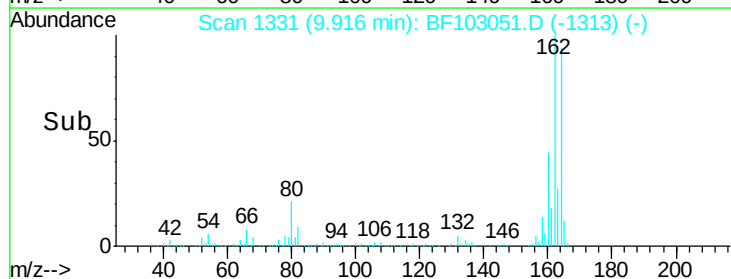
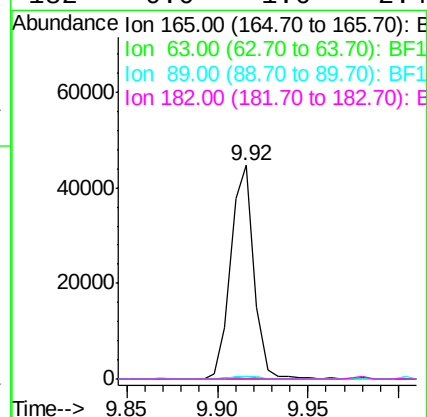
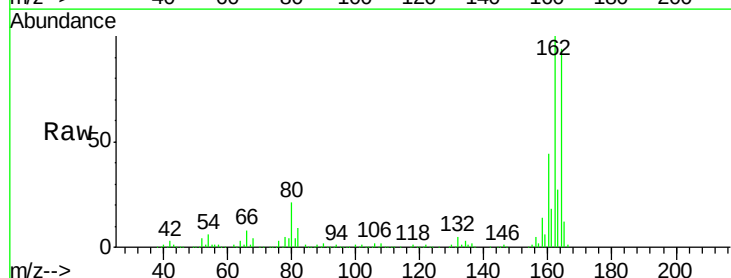
Ion Ratio Lower Upper

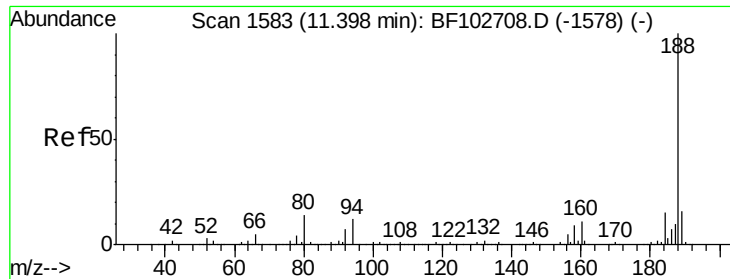
165 100

63 1.2 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

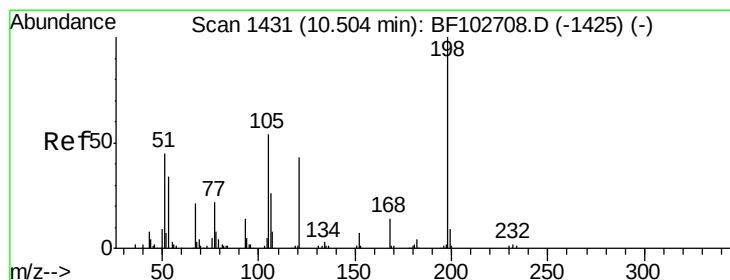
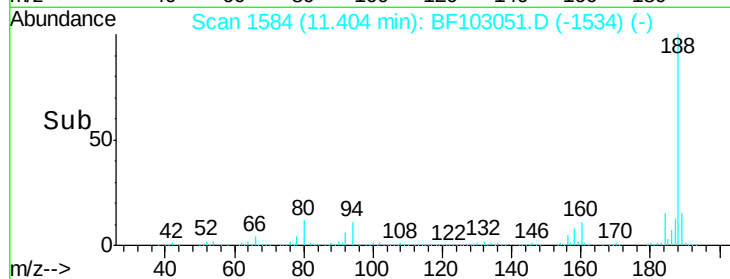
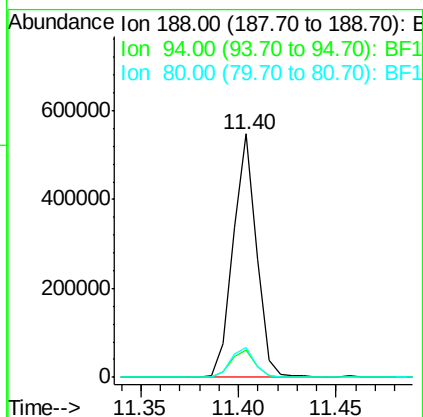
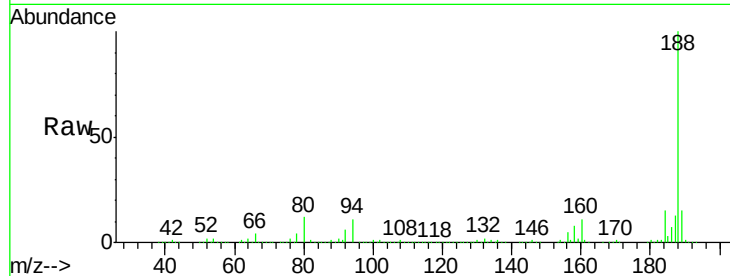




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

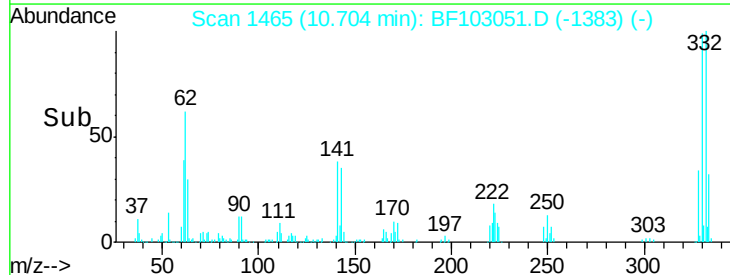
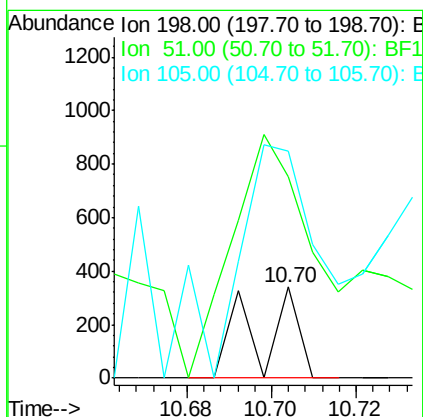
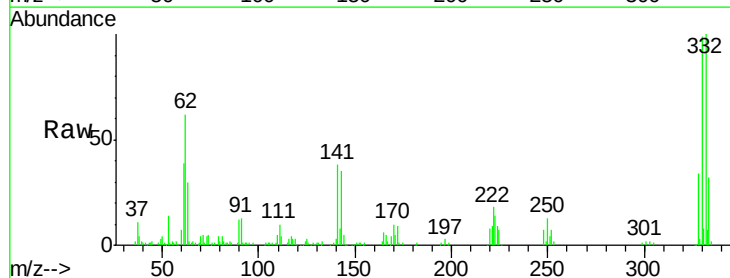
Instrument :
BNA_F
ClientSampleId :
22A-2

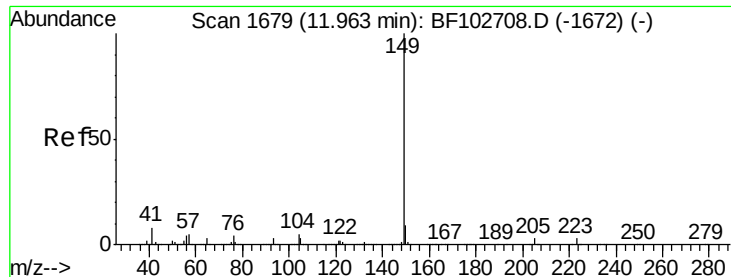
Tgt Ion:188 Resp: 455621
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.907 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion:198 Resp: 236
Ion Ratio Lower Upper
198 100
51 221.1 37.7 77.7#
105 248.4 36.3 76.3#





#73

Di-n-butylphthalate

Concen: 59.042 ng

RT: 11.96 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BF103051.D

Acq: 16 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

22A-2

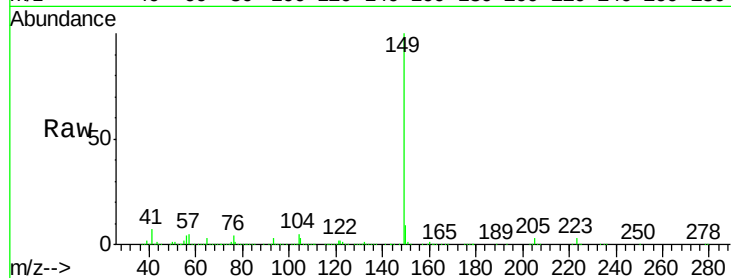
Tgt Ion:149 Resp: 1813416

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

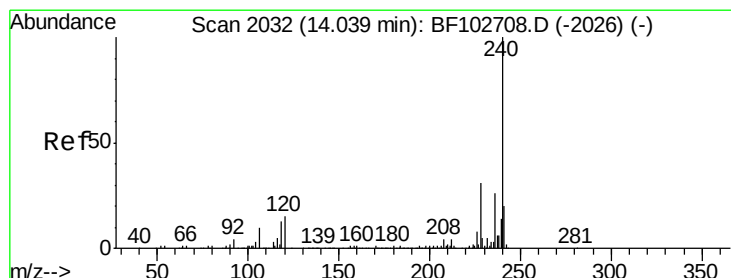
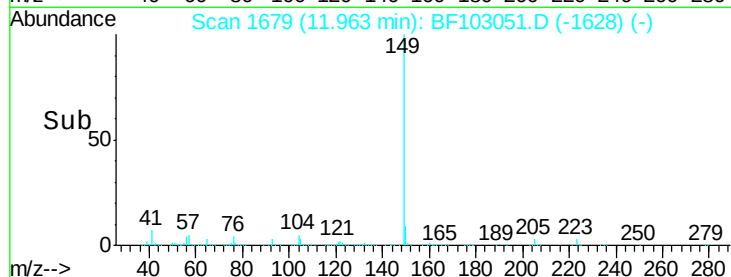
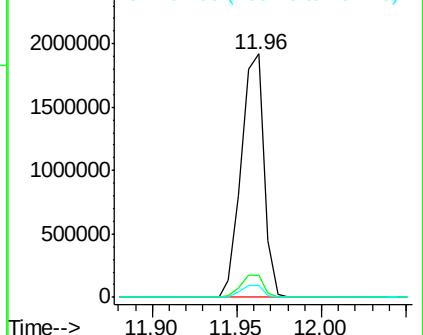
104 4.7 3.8 5.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103051.D

Acq: 16 Feb 2018 14:46

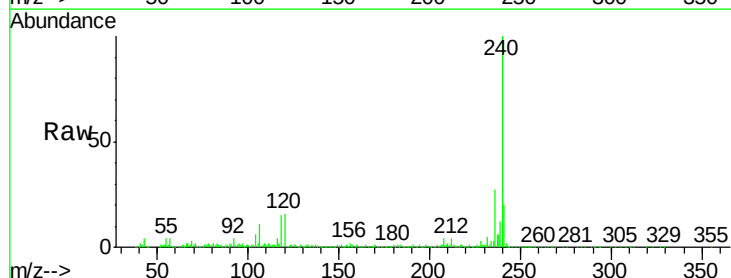
Tgt Ion:240 Resp: 327317

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

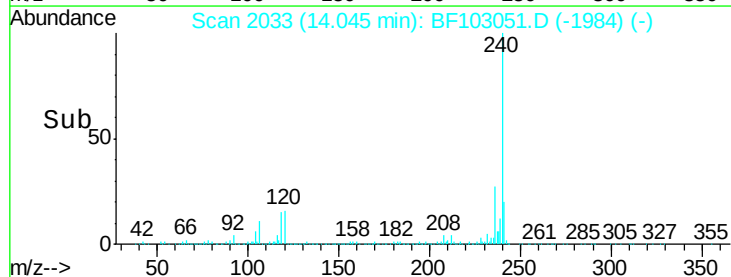
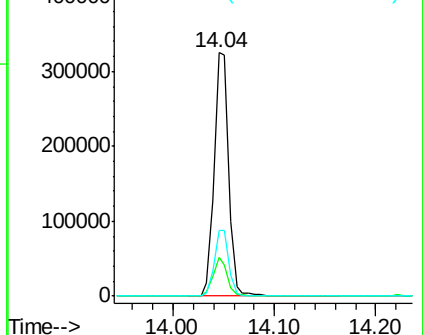
236 27.0 20.7 31.1

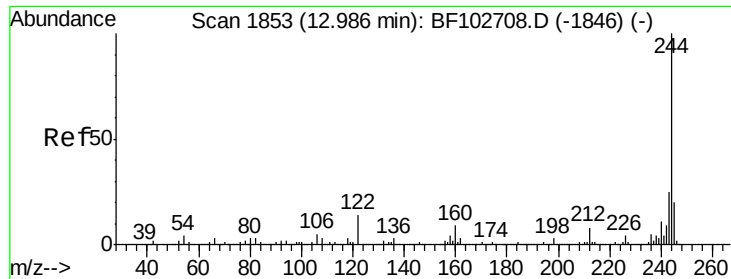


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.993 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103051.D

Acq: 16 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

22A-2

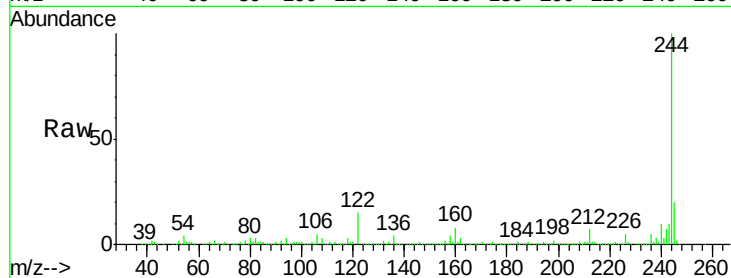
Tgt Ion:244 Resp: 926094

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

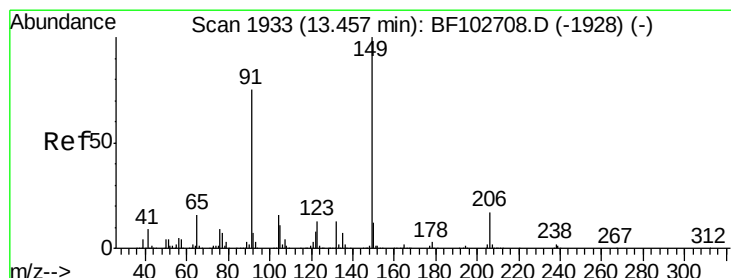
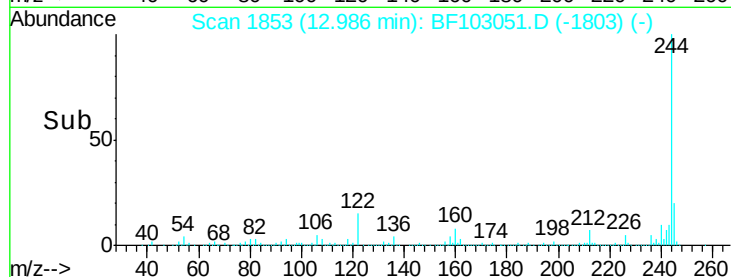
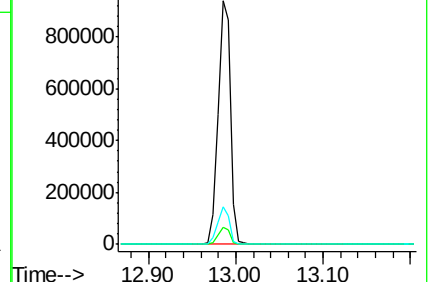
122 15.4 11.0 16.4



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: 6.764 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF103051.D

Acq: 16 Feb 2018 14:46

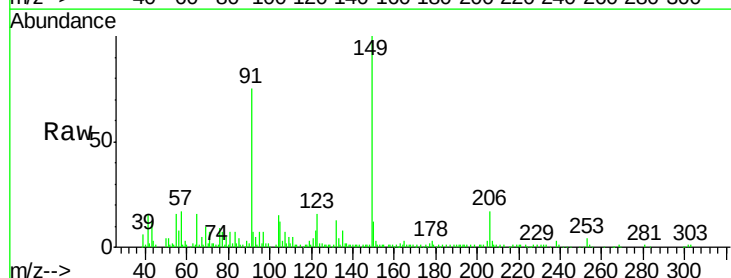
Tgt Ion:149 Resp: 71994

Ion Ratio Lower Upper

149 100

91 75.0 56.8 85.2

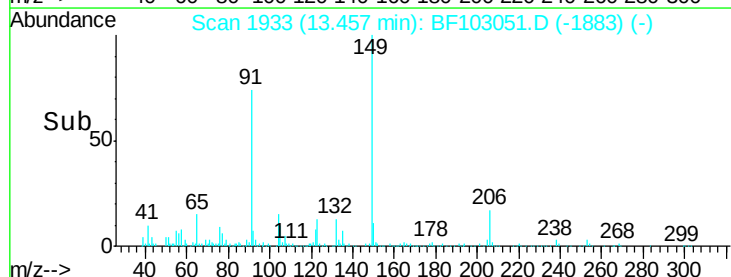
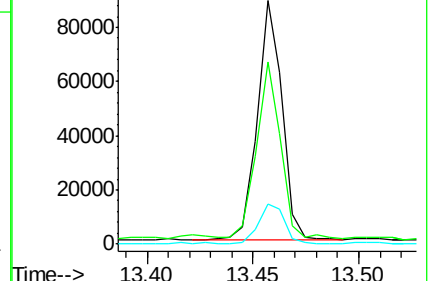
206 16.5 14.1 21.1

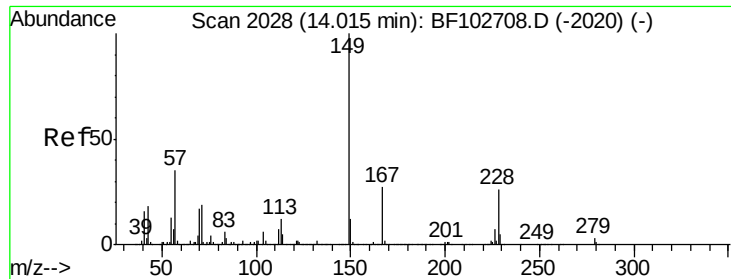


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

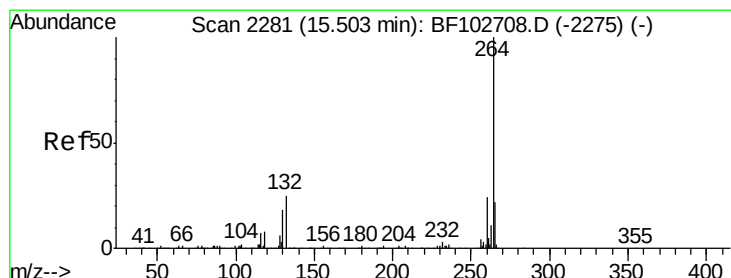
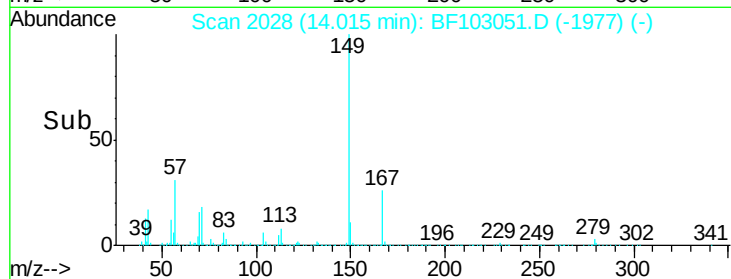
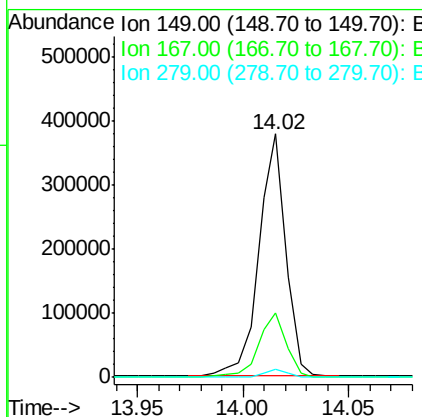
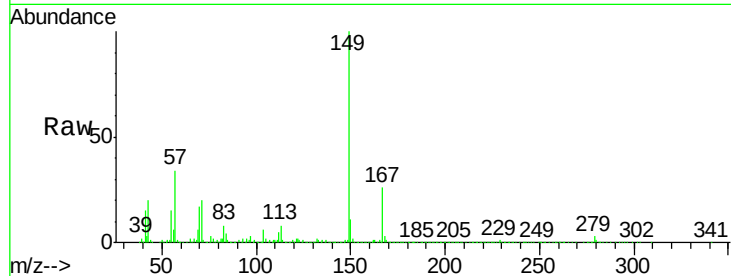




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.217 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103051.D
 Acq: 16 Feb 2018 14:46

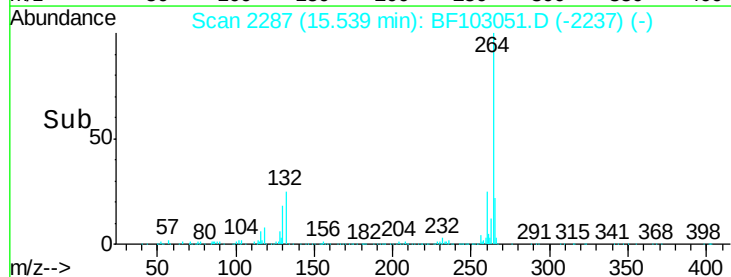
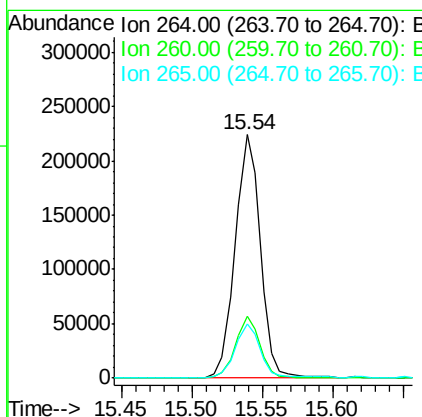
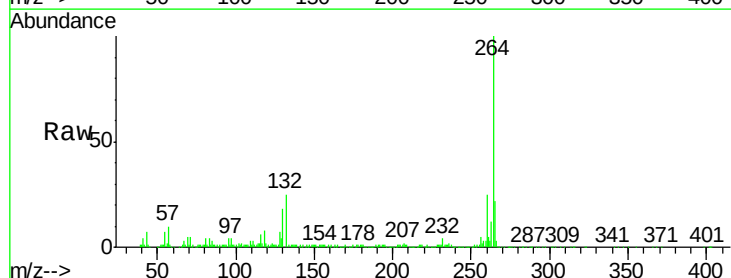
Instrument :
 BNA_F
 ClientSampleId :
 22A-2

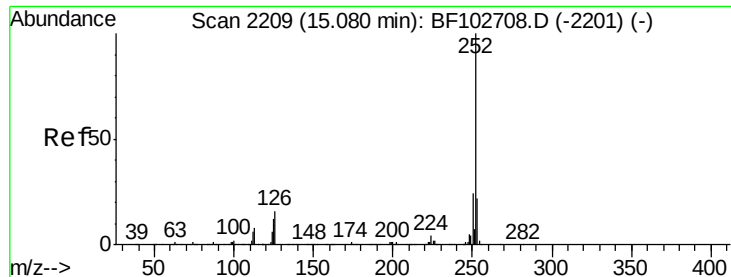
Tgt Ion:149 Resp: 333604
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.3 31.9
 279 3.1 3.0 4.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF103051.D
 Acq: 16 Feb 2018 14:46

Tgt Ion:264 Resp: 279653
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 22.3 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 2.882 ng

RT: 15.10 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BF103051.D

Acq: 16 Feb 2018 14:46

Instrument :

BNA_F

ClientSampleId :

22A-2

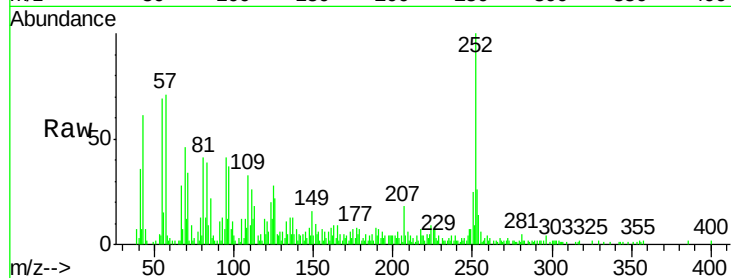
Tgt Ion:252 Resp: 52252

Ion Ratio Lower Upper

252 100

253 25.9 17.0 25.6#

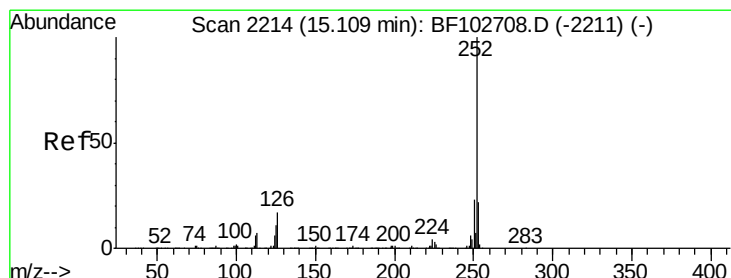
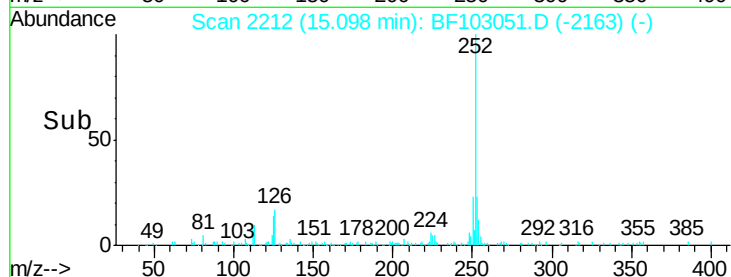
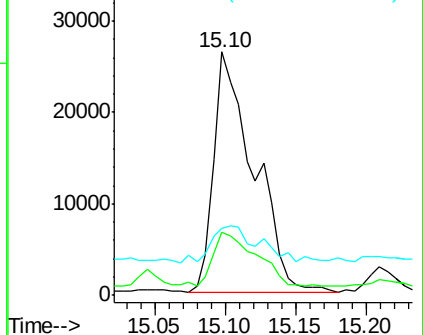
125 27.5 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 3.016 ng

RT: 15.10 min Scan# 2212

Delta R.T. -0.04 min

Lab File: BF103051.D

Acq: 16 Feb 2018 14:46

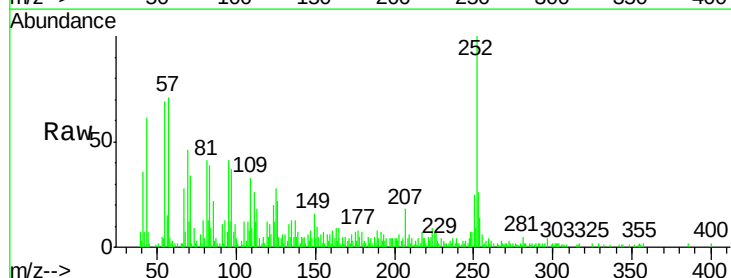
Tgt Ion:252 Resp: 52252

Ion Ratio Lower Upper

252 100

253 25.9 17.9 26.9

125 27.5 10.2 15.2#



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

