

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103442.D
 Acq On : 6 Mar 2018 8:06
 Operator : SJ/JU
 Sample : J1782-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 09:48:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

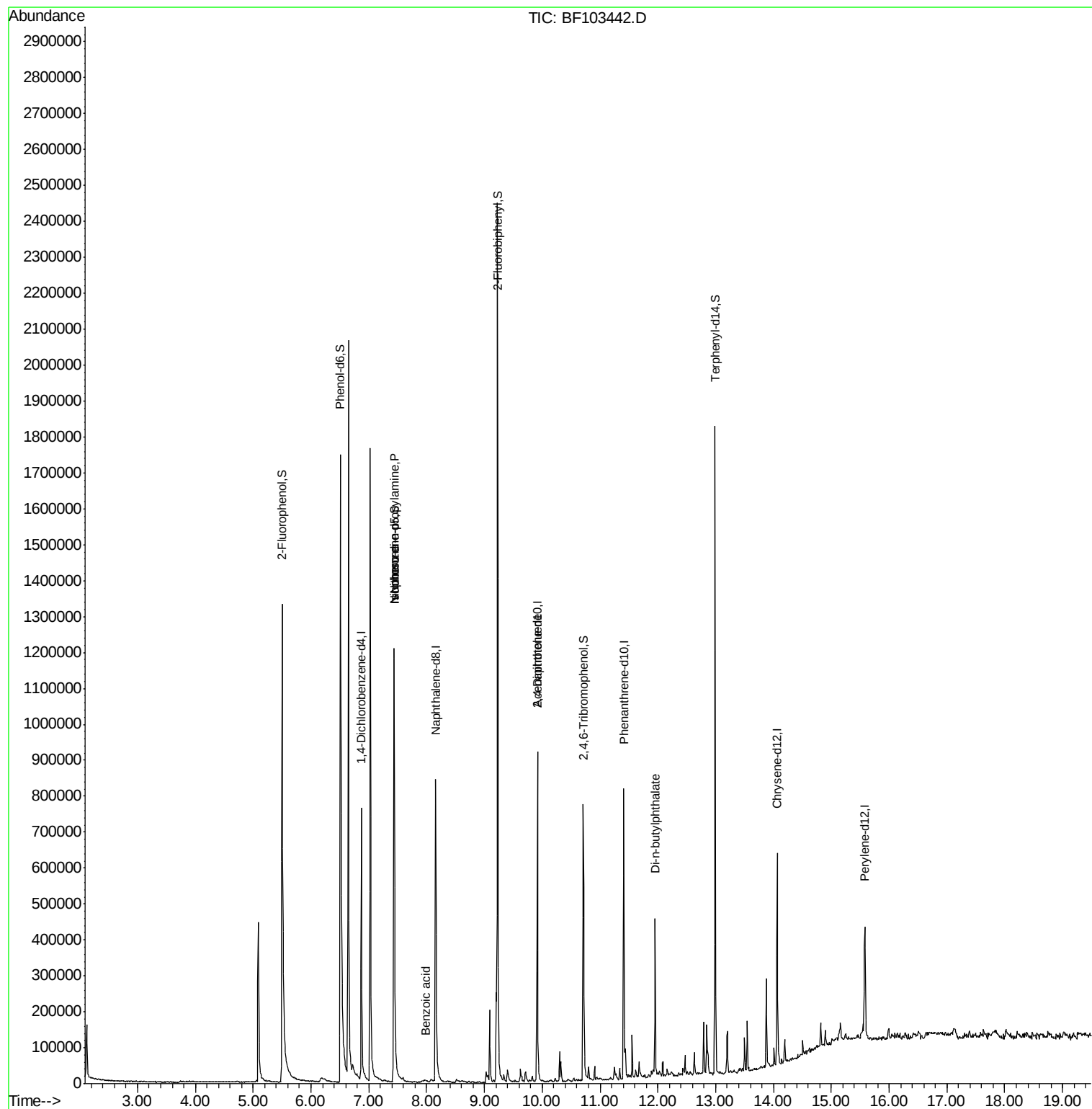
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	125889	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	502435	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	201681	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	298968	20.00	ng	0.00
75) Chrysene-d12	14.06	240	191273	20.00	ng	0.00
86) Perylene-d12	15.58	264	145903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	578069	69.45	ng	0.00
7) Phenol-d6	6.51	99	858365	84.28	ng	-0.01
23) Nitrobenzene-d5	7.44	82	510165	57.99	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	79679	46.67	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	775962	62.07	ng	0.00
78) Terphenyl-d14	12.99	244	581322	73.06	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	1576	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	69352	10.941 ng	#	1
25) Isophorone	7.44	82	510165	29.442 ng	#	81
32) Benzoic acid	7.98	122	295	6.963 ng	#	64
56) 2,4-Dinitrotoluene	9.91	165	26063	6.070 ng	#	78
73) Di-n-butylphthalate	11.95	149	214642	10.210 ng	#	22
						98

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

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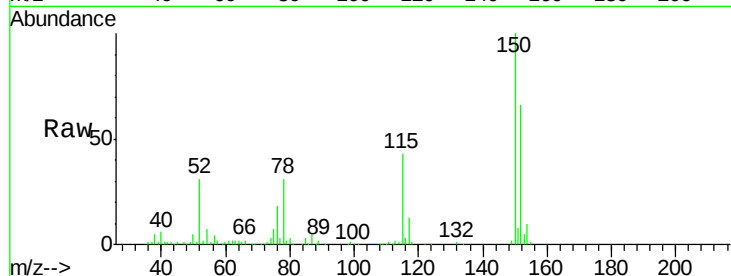


#1

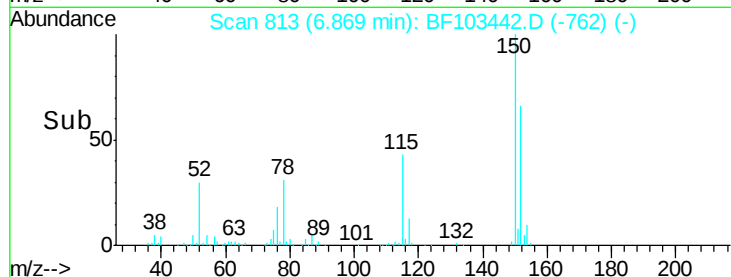
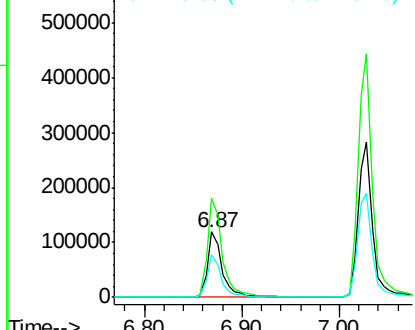
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103442.D
Acq: 6 Mar 2018 8:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	152	Resp	125889
Ion Ratio	Lower	Upper	
152	100		
150	152.6	124.6	186.8
115	65.5	50.1	75.1



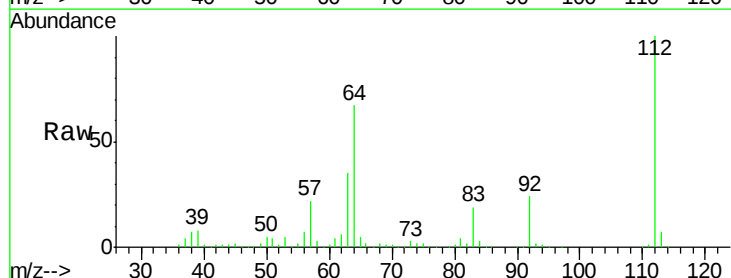
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



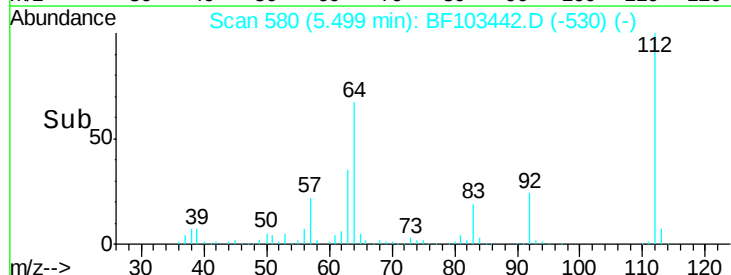
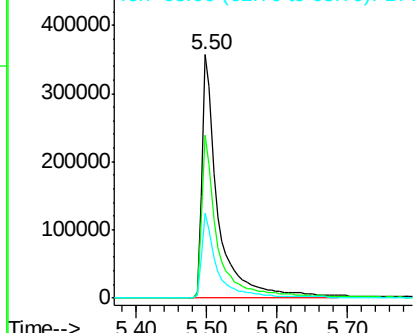
#5

2-Fluorophenol
Concen: 69.449 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF103442.D
Acq: 6 Mar 2018 8:06

Tgt Ion	112	Resp	578069
Ion Ratio	Lower	Upper	
112	100		
64	67.1	47.9	71.9
63	35.0	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: 84.276 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103442.D

Acq: 6 Mar 2018 8:06

Instrument :

BNA_F

ClientSampleId :

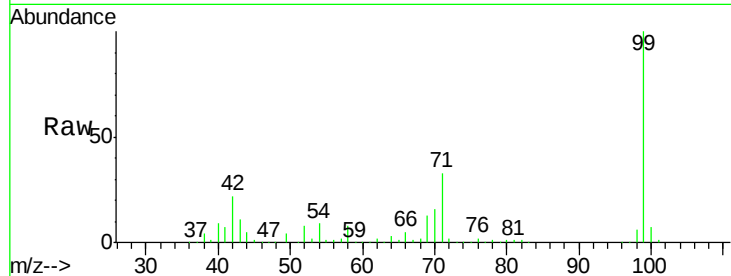
Tot Ion: 99 Resp: 858365

Ion Ratio Lower Upper

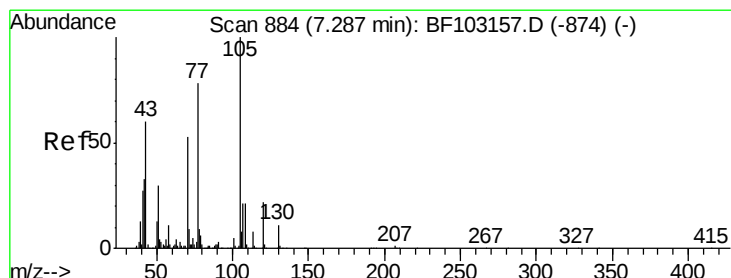
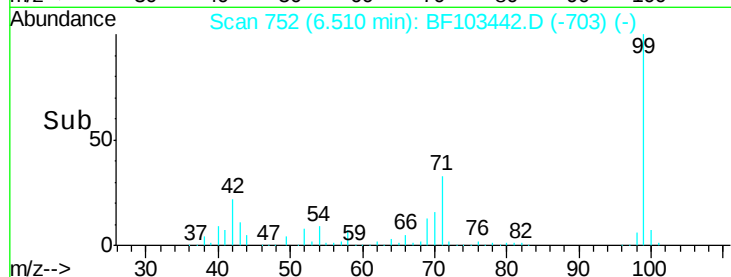
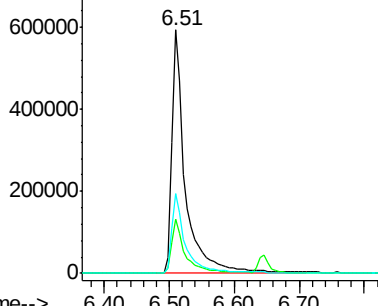
99 100

42 22.2 14.5 21.7#

71 32.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.941 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.16 min

Lab File: BF103442.D

Acq: 6 Mar 2018 8:06

Tgt Ion: 70 Resp: 69352

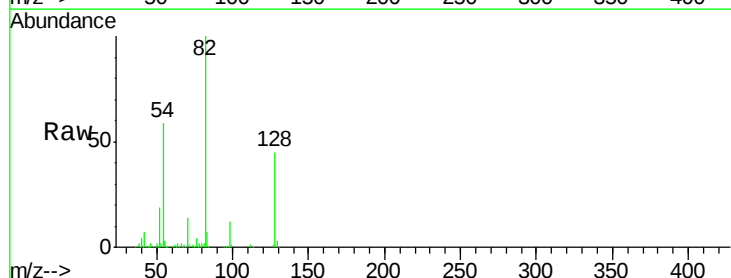
Ion Ratio Lower Upper

70 100

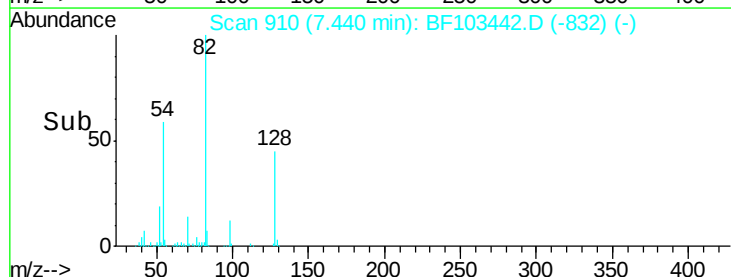
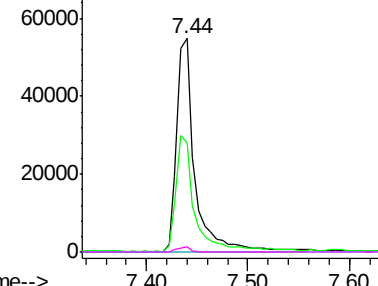
42 51.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

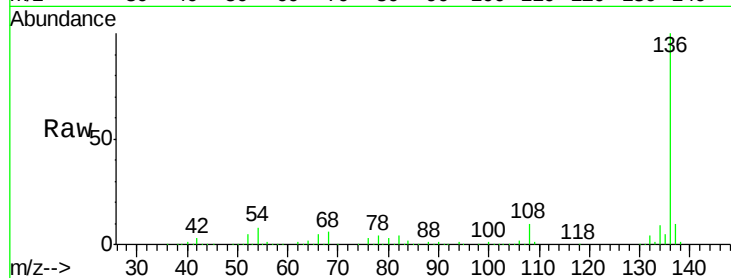




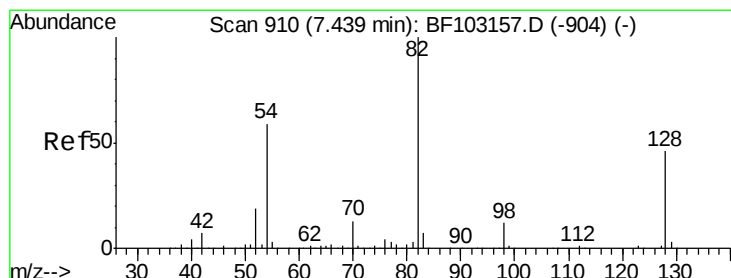
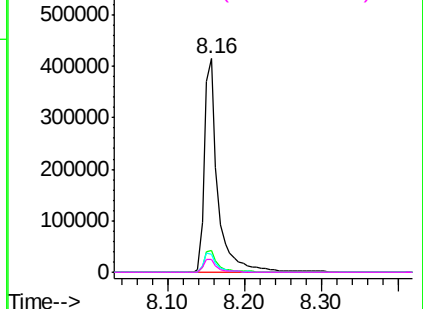
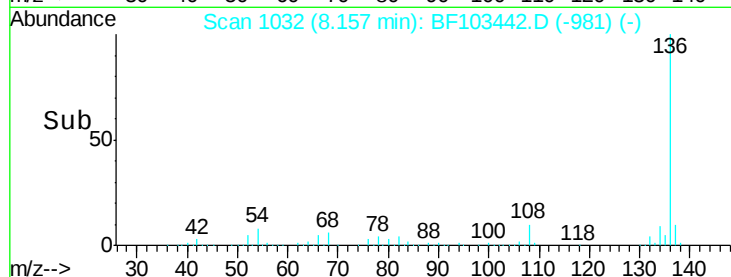
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103442.D
Acq: 6 Mar 2018 8:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	502435
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.9 13.3
54	8.4	6.6 9.8
68	6.1	5.0 7.4

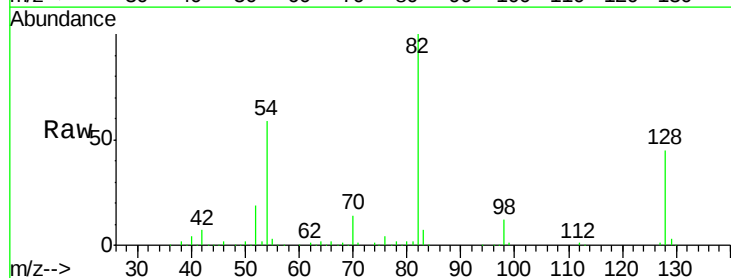


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

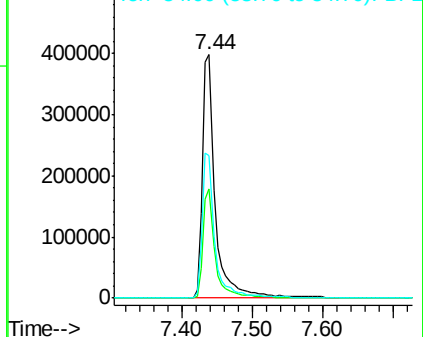
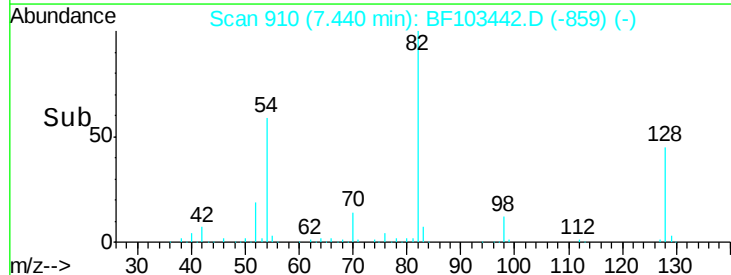


#23
Nitrobenzene-d5
Concen: 57.987 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103442.D
Acq: 6 Mar 2018 8:06

Tgt Ion: 82	Resp:	510165
Ion Ratio	Lower	Upper
82	100	
128	44.7	36.1 54.1
54	58.5	41.4 62.2



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





#25

Isophorone

Concen: 29.442 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.25 min

Lab File: BF103442.D

Acq: 6 Mar 2018 8:06

Instrument :

BNA_F

ClientSampleId :

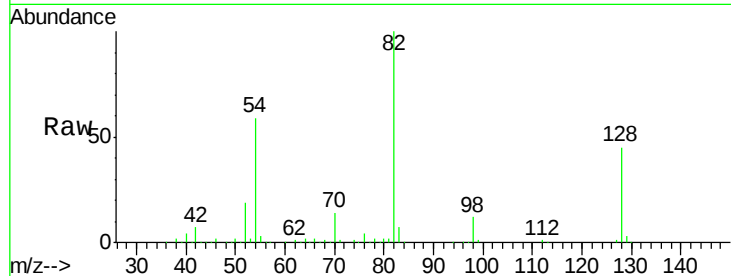
Tot Ion: 82 Resp: 510165

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

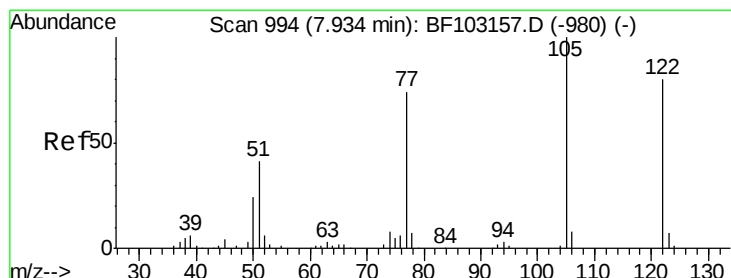
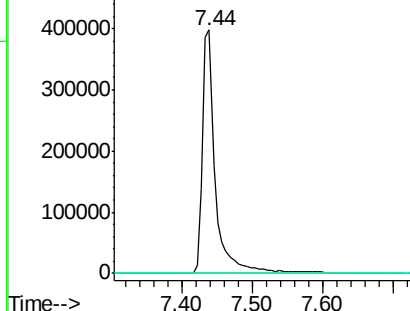
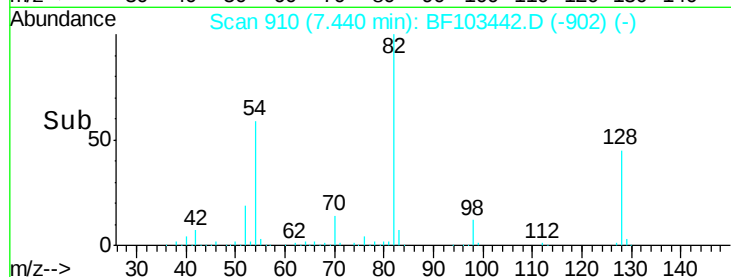
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 6.963 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.02 min

Lab File: BF103442.D

Acq: 6 Mar 2018 8:06

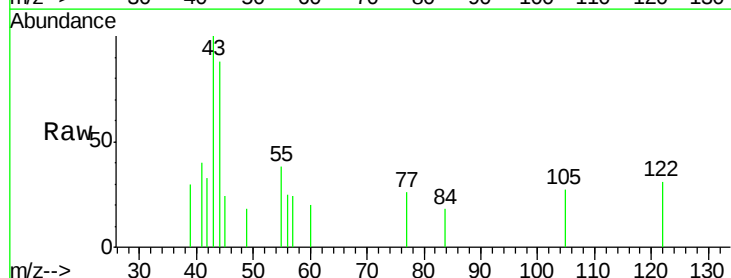
Tgt Ion: 122 Resp: 295

Ion Ratio Lower Upper

122 100

105 86.4 101.1 141.1#

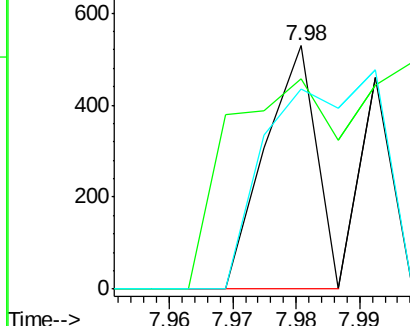
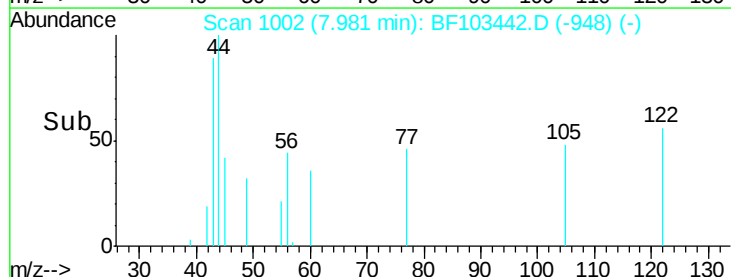
77 82.2 70.7 110.7

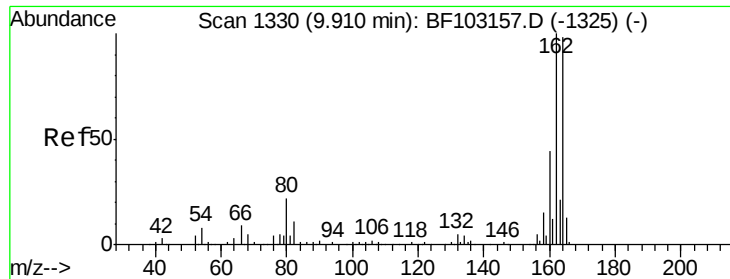


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

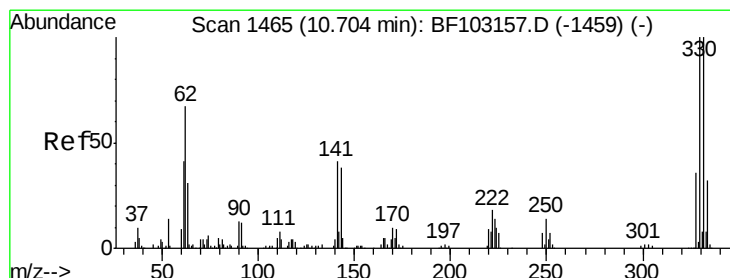
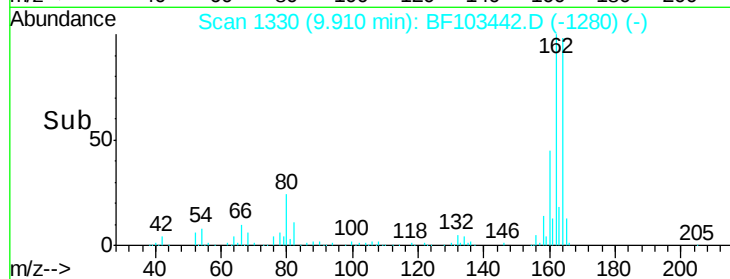
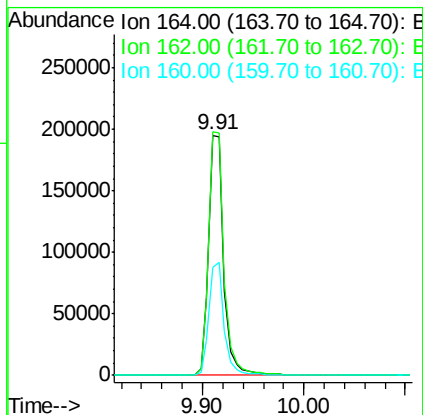
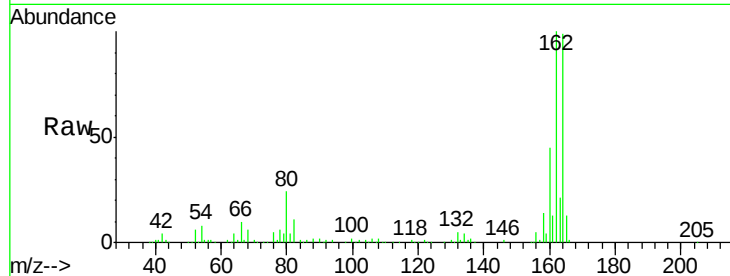




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103442.D
 Acq: 6 Mar 2018 8:06

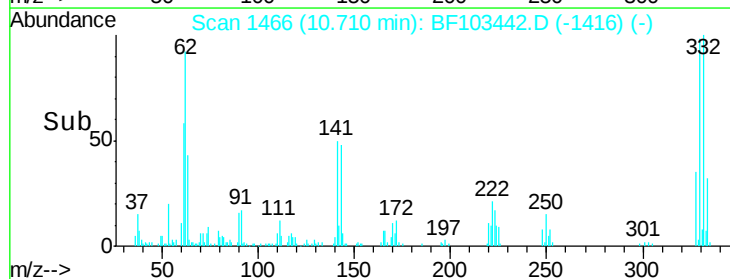
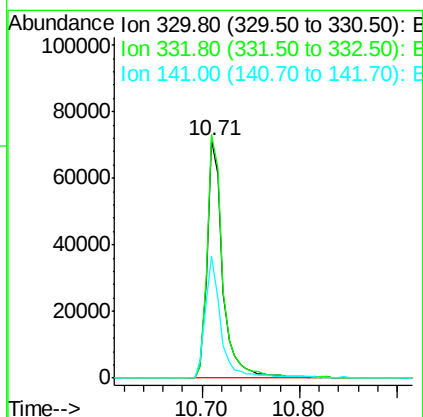
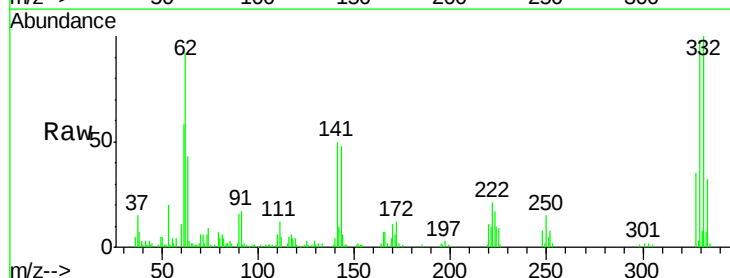
Instrument :
 BNA_F
 ClientSampleId :

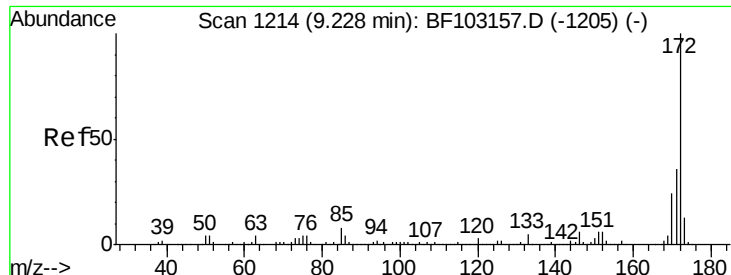
Tot Ion:164 Resp: 201681
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 45.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 46.675 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103442.D
 Acq: 6 Mar 2018 8:06

Tgt Ion:330 Resp: 79679
 Ion Ratio Lower Upper
 330 100
 332 102.6 77.0 115.6
 141 50.0 29.9 44.9#

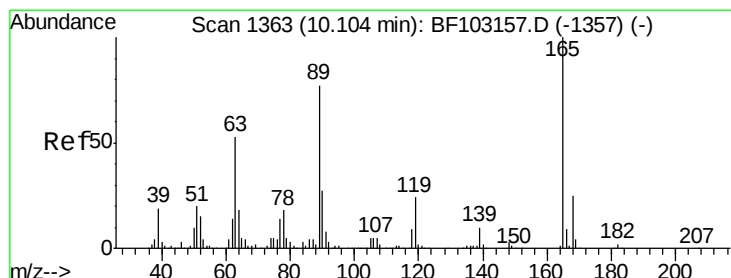
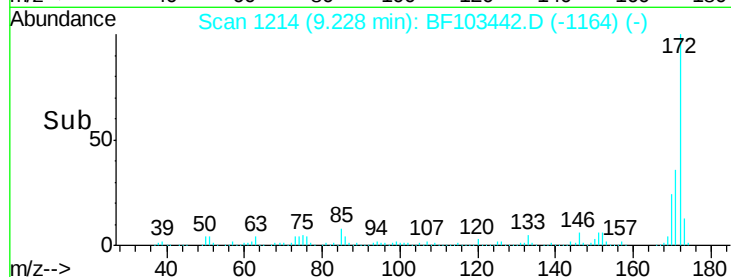
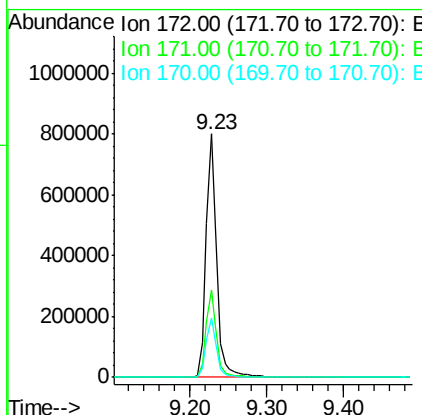
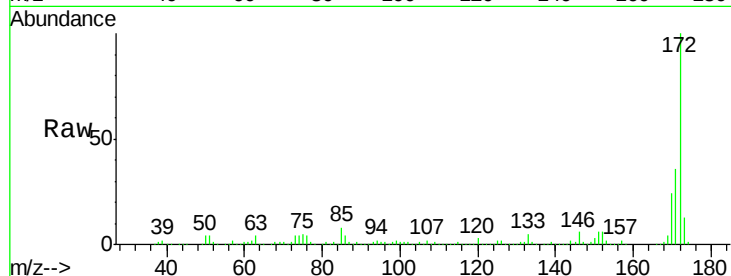




#44
2-Fluorobiphenyl
Concen: 62.067 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103442.D
Acq: 6 Mar 2018 8:06

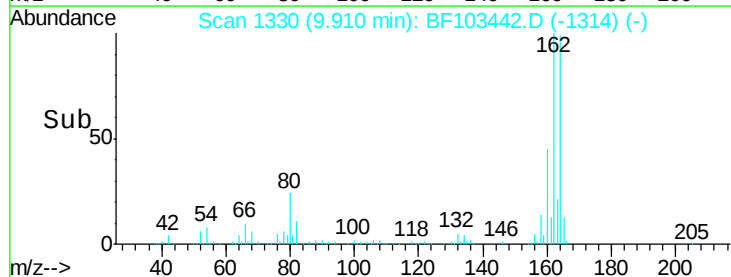
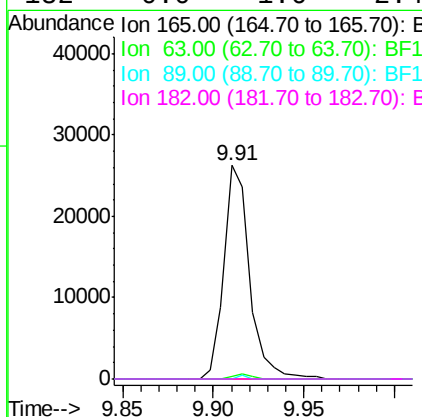
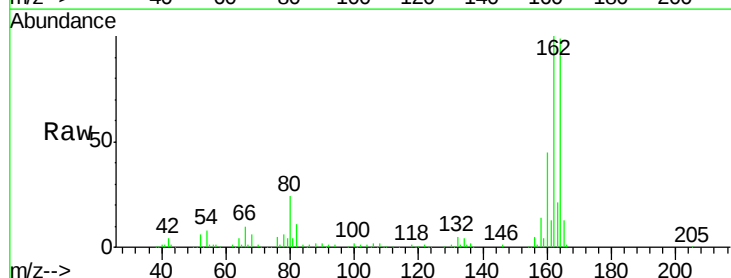
Instrument :
BNA_F
ClientSampleId :

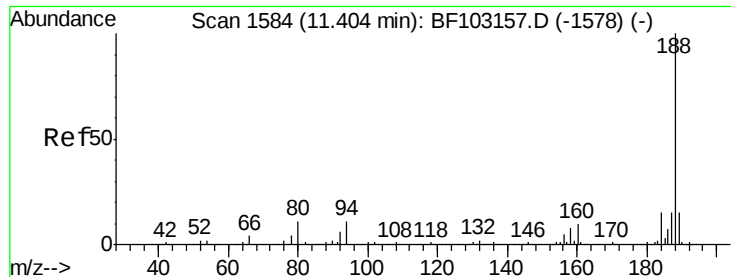
Tot Ion:172 Resp: 775962
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.5 19.6 29.4



#56
2,4-Dinitrotoluene
Concen: 6.070 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.21 min
Lab File: BF103442.D
Acq: 6 Mar 2018 8:06

Tgt Ion:165 Resp: 26063
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103442.D

Acq: 6 Mar 2018 8:06

Instrument :

BNA_F

ClientSampleId :

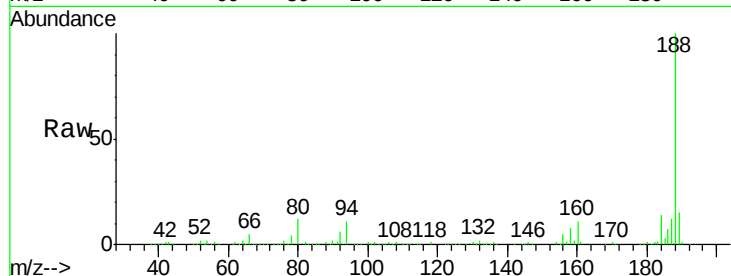
Tot Ion:188 Resp: 298968

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

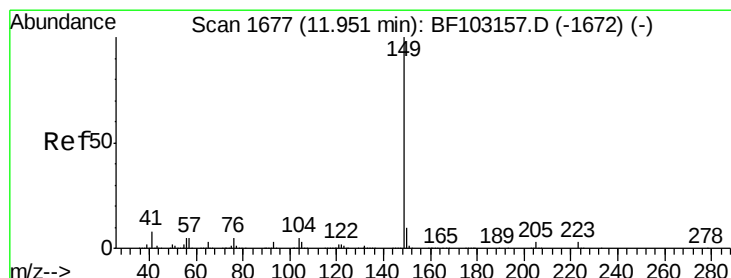
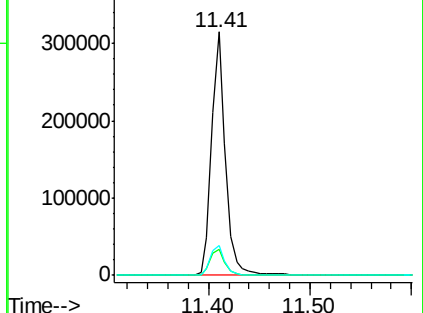
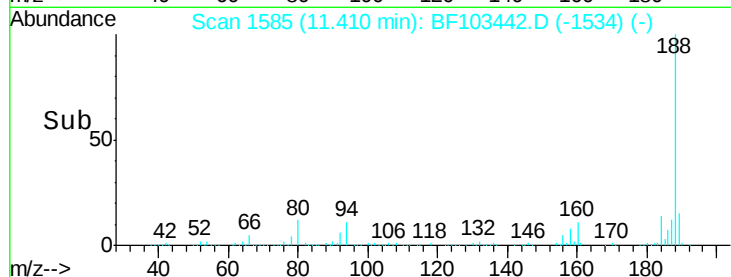
80 12.4 9.2 13.8



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



#73

Di-n-butylphthalate

Concen: 10.210 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF103442.D

Acq: 6 Mar 2018 8:06

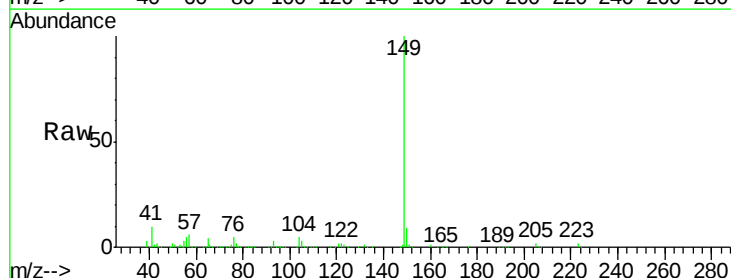
Tgt Ion:149 Resp: 214642

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

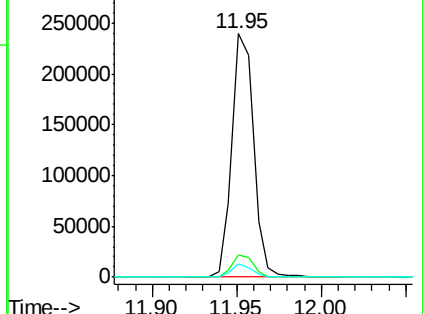
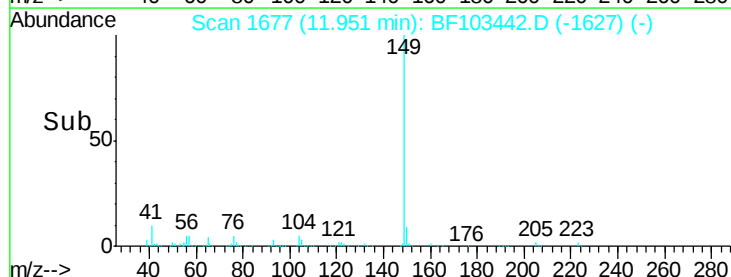
104 5.3 3.8 5.8

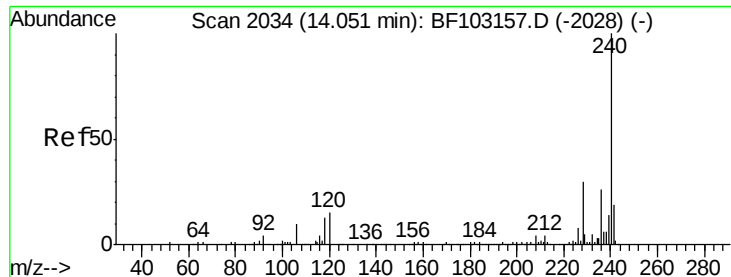


Abundance Ion 149.00 (148.70 to 149.70): E

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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103442.D

Acq: 6 Mar 2018 8:06

Instrument :

BNA_F

ClientSampleId :

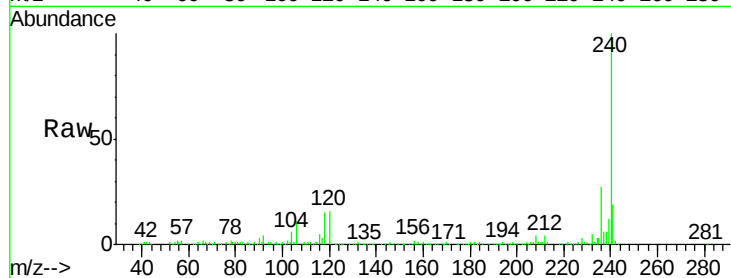
Tot Ion:240 Resp: 191273

Ion Ratio Lower Upper

240 100

120 16.3 9.5 14.3#

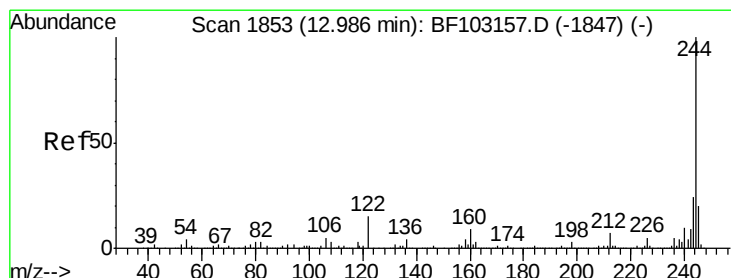
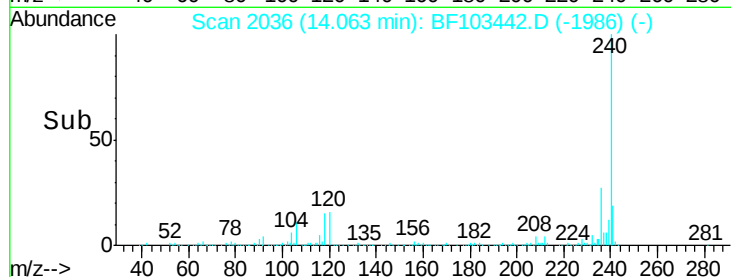
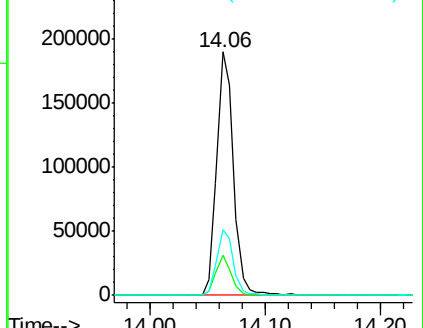
236 27.0 20.7 31.1



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: 73.059 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103442.D

Acq: 6 Mar 2018 8:06

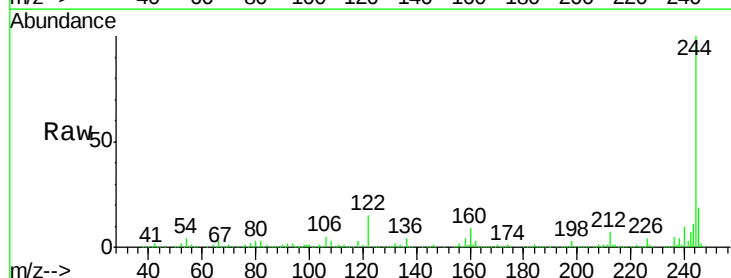
Tgt Ion:244 Resp: 581322

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

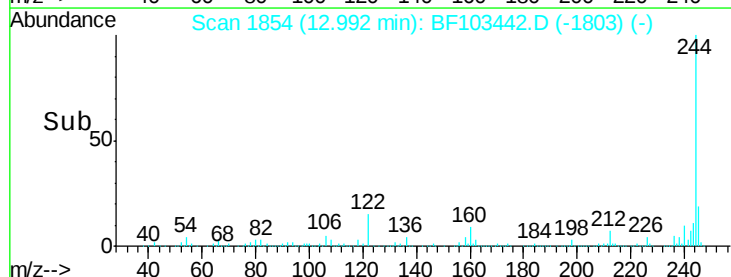
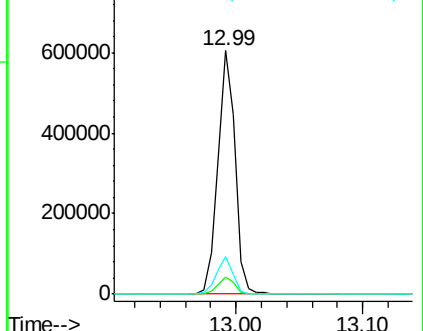
122 15.2 11.0 16.4

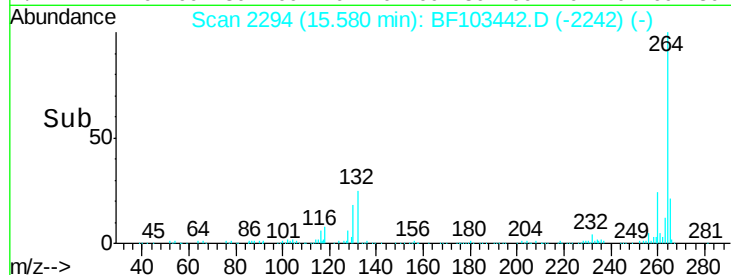
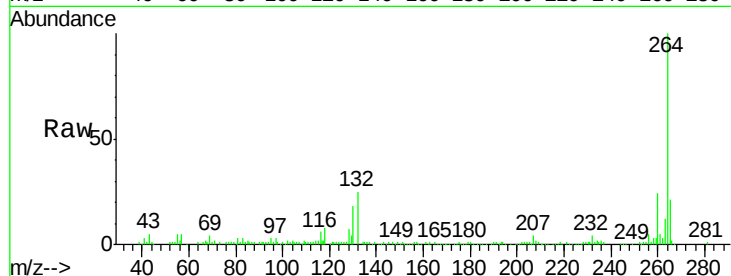
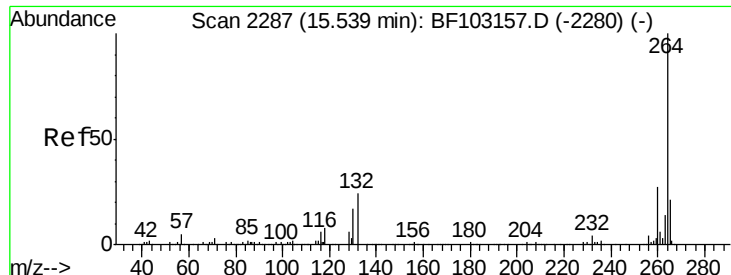


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103442.D
Acq: 6 Mar 2018 8:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	145903
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.4	17.5	26.3

