

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121517\
 Data File : BF101446.D
 Acq On : 15 Dec 2017 16:46
 Operator : SJ/JU
 Sample : I6847-01 1000X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 17:39:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	185862	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	747609	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	349526	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	658808	20.00	ng	0.00
75) Chrysene-d12	13.99	240	408177	20.00	ng	0.00
86) Perylene-d12	15.46	264	369640	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	12.93	244	449	0.03	ng	0.00

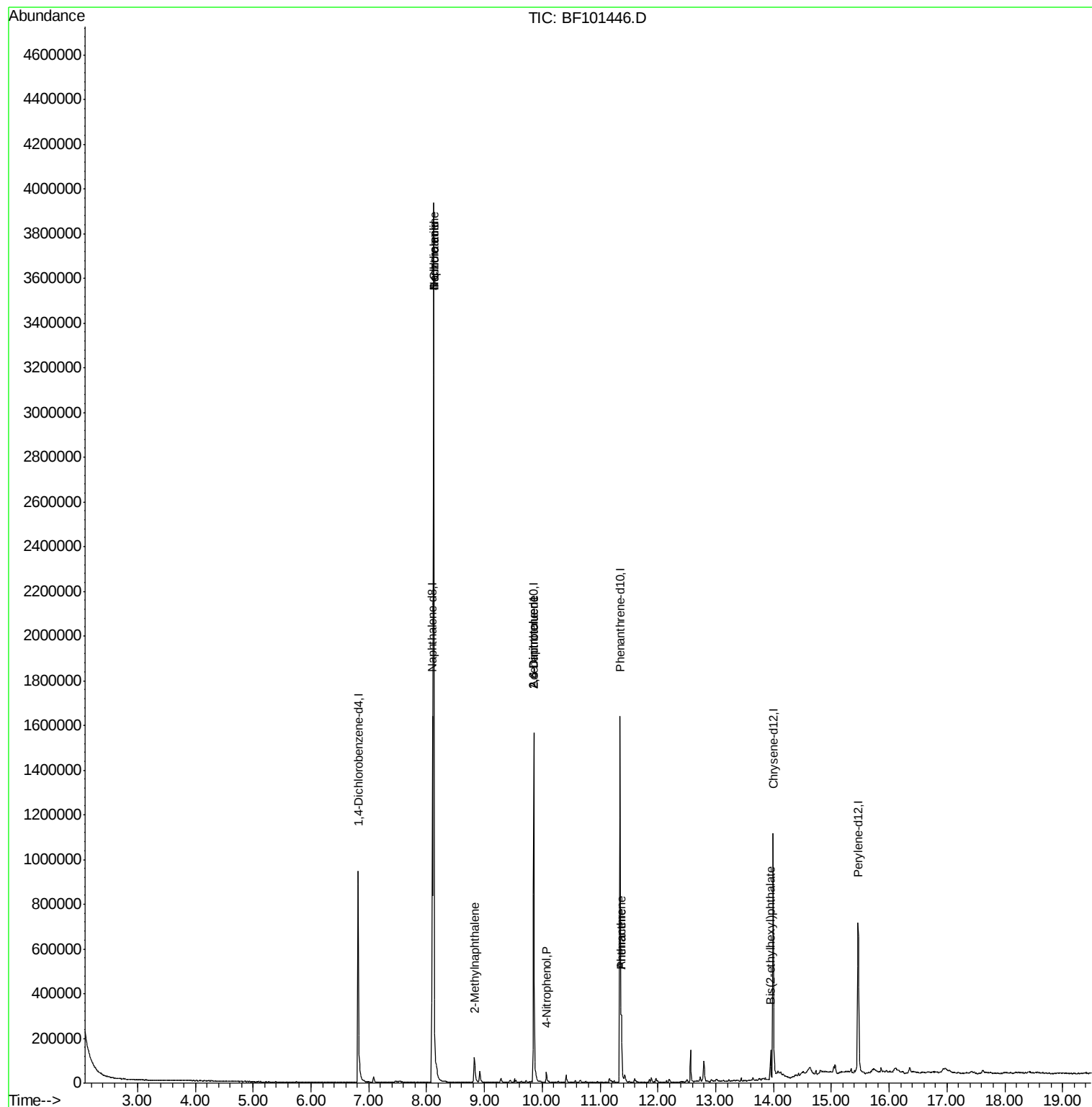
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.12	128	1916669	50.925	ng	99
32) Benzoic acid	8.12	122	3839	8.399	ng	# 1
33) 4-Chloroaniline	8.12	127	259951	15.891	ng	# 34
37) 2-Methylnaphthalene	8.83	142	53888	2.198	ng	99
50) 2,6-Dinitrotoluene	9.85	165	44935	7.864	ng	# 26
55) 4-Nitrophenol	10.07	139	10399	3.348	ng	# 9
56) 2,4-Dinitrotoluene	9.85	165	44936	6.980	ng	# 23
70) Phenanthrene	11.37	178	102792	2.806	ng	97
71) Anthracene	11.37	178	102792	2.747	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	45159	2.572	ng	99

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

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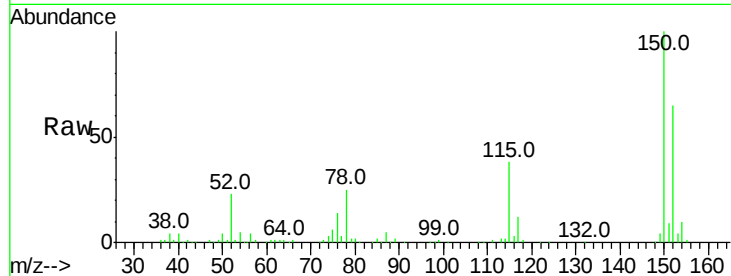


#1

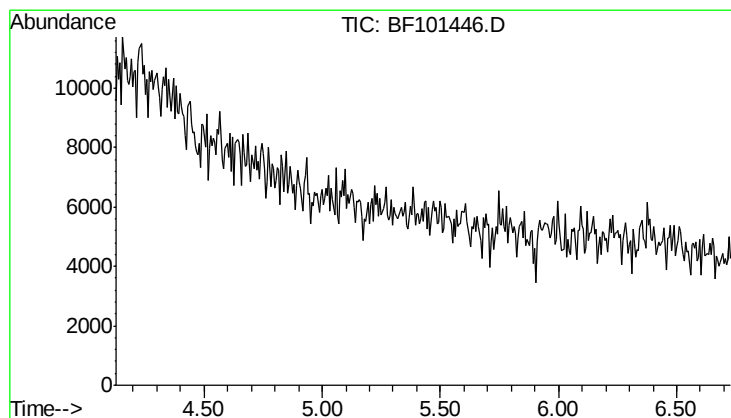
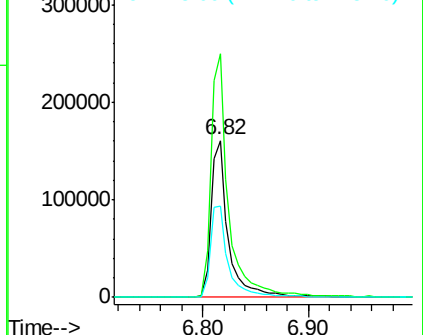
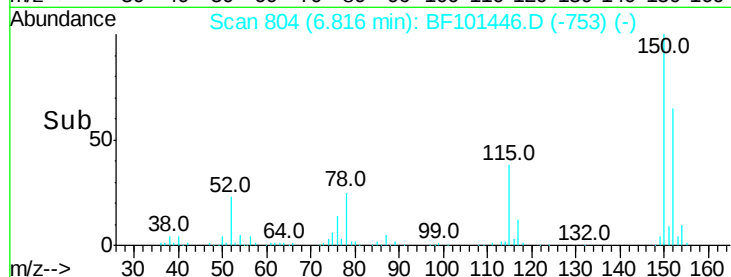
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101446.D
Acq: 15 Dec 2017 16:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 185862
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 58.2 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

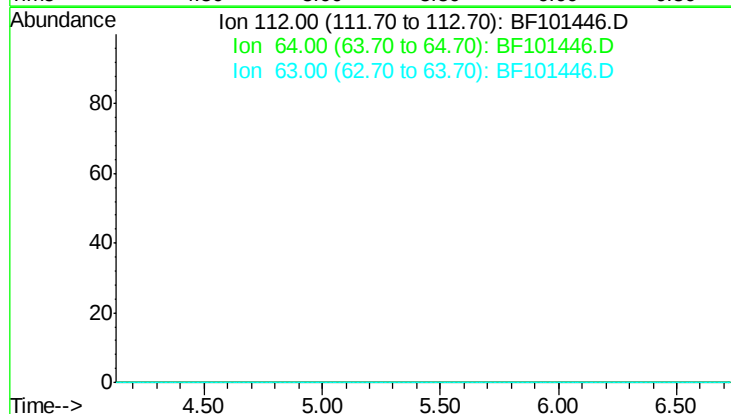


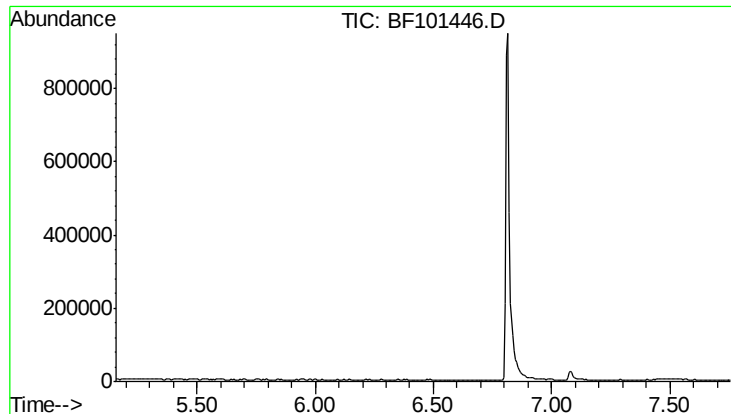
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.43 min

Lab File: BF101446.D
Acq: 15 Dec 2017 16:46

Tgt Ion: 112
Sig Exp Ratio
112 100
64 59.9
63 29.6

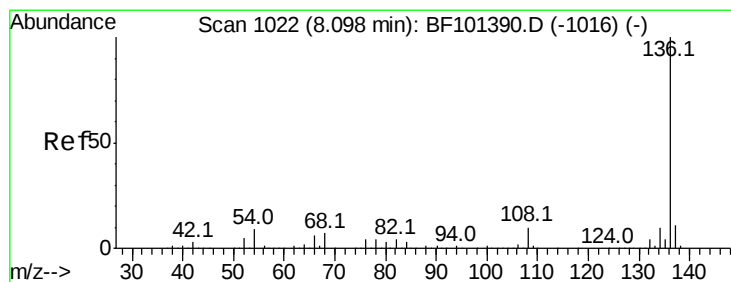
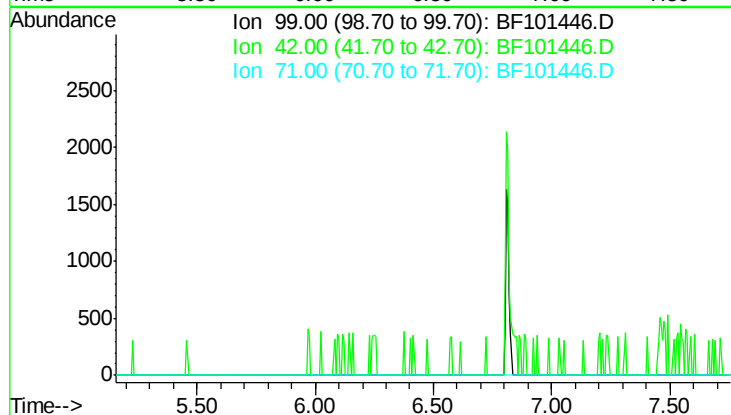




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.46 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

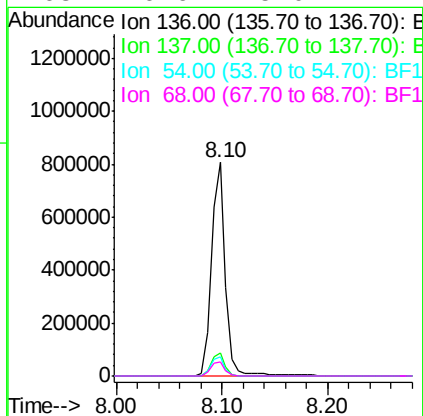
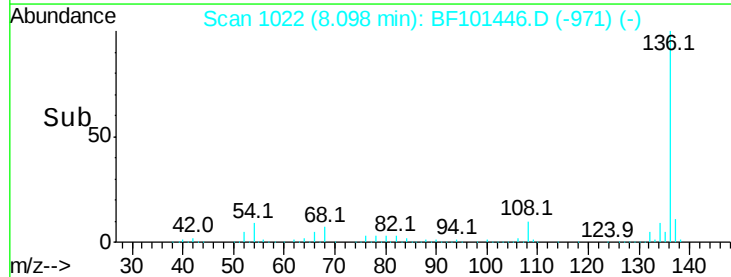
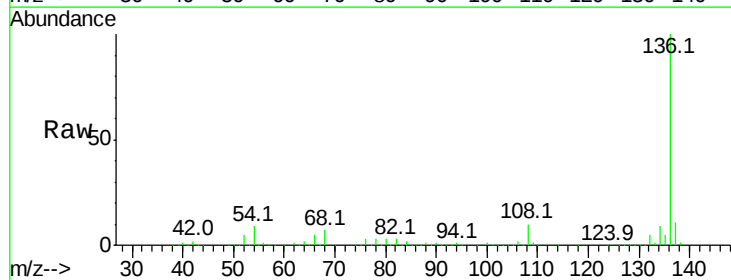
Instrument :
 BNA_F
 ClientSampleId :

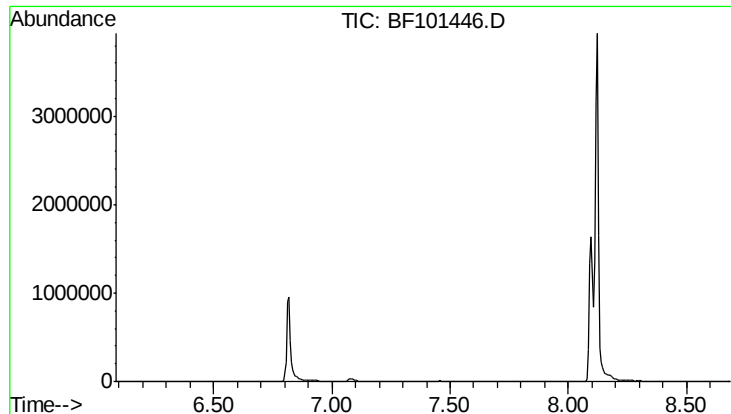
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 18.1
 71 31.7



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

Tgt Ion: 136 Resp: 747609
 Ion Ratio Lower Upper
 136 100
 137 11.0 8.9 13.3
 54 8.8 6.6 9.8
 68 6.6 5.0 7.4

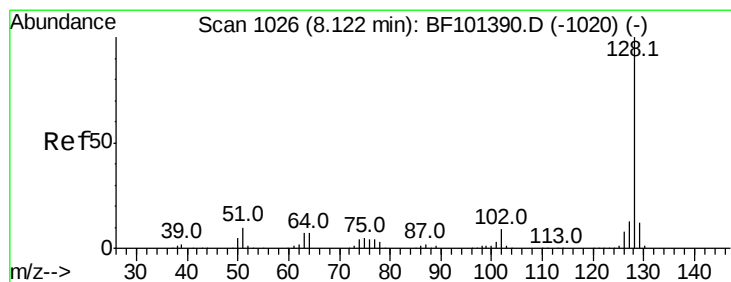
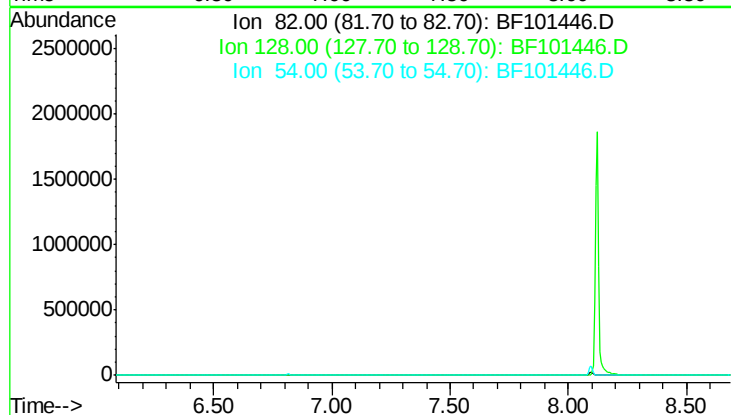




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.39 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

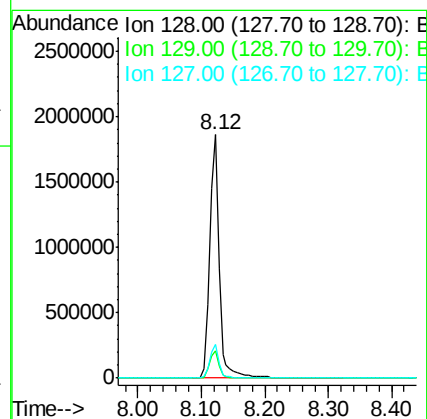
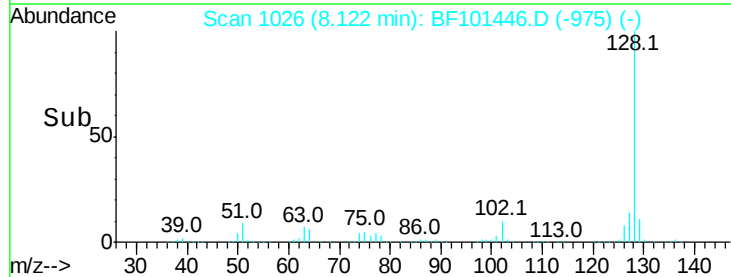
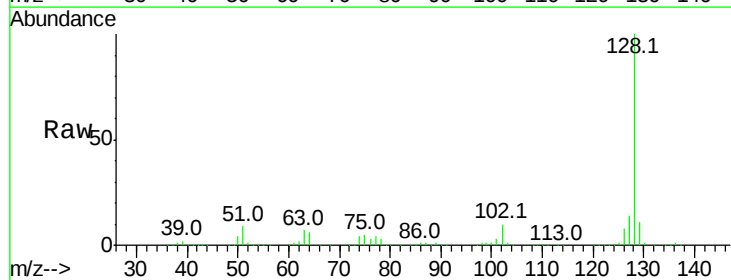
Instrument :
 BNA_F
 ClientSampleId :

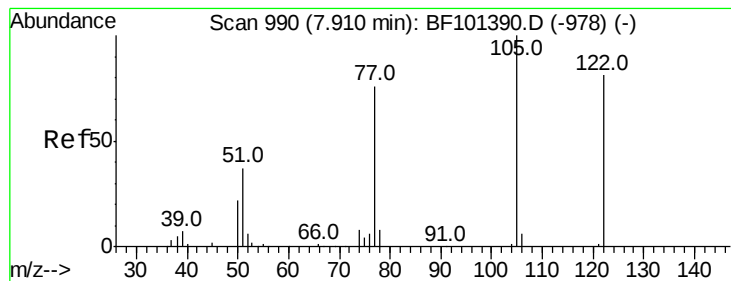
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 45.1
 54 51.8



#31
 Naphthalene
 Concen: 50.925 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

Tgt Ion: 128 Resp: 1916669
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.8 13.2
 127 14.0 10.9 16.3





#32

Benzoic acid

Concen: 8.399 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.21 min

Lab File: BF101446.D

Acq: 15 Dec 2017 16:46

Instrument :

BNA_F

ClientSampleId :

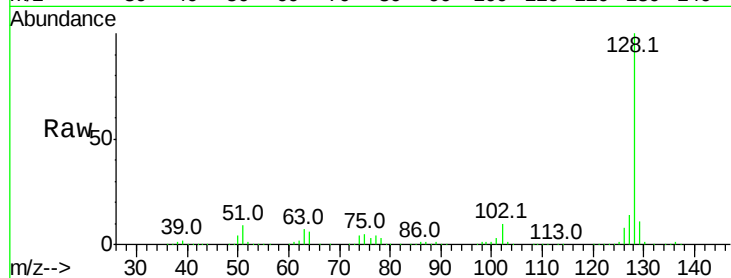
Tot Ion:122 Resp: 3839

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

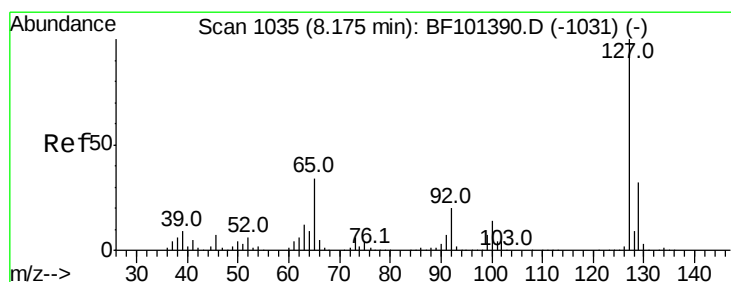
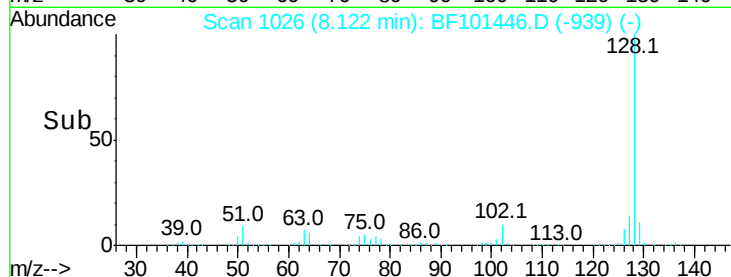
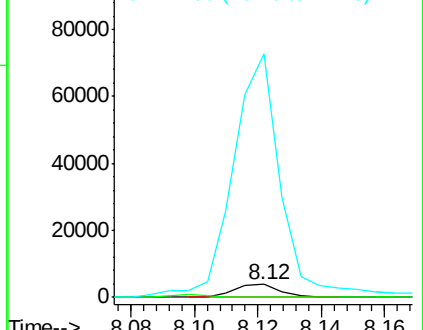
77 1870.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 15.891 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.05 min

Lab File: BF101446.D

Acq: 15 Dec 2017 16:46

Tgt Ion:127 Resp: 259951

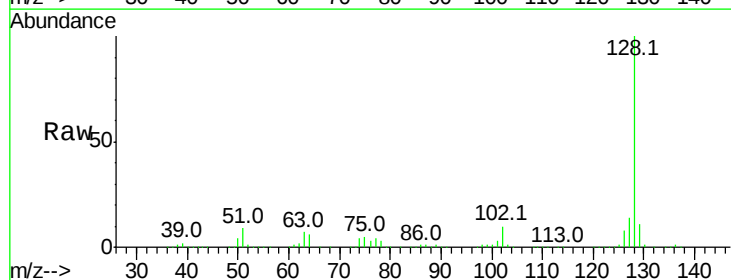
Ion Ratio Lower Upper

127 100

129 81.7 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

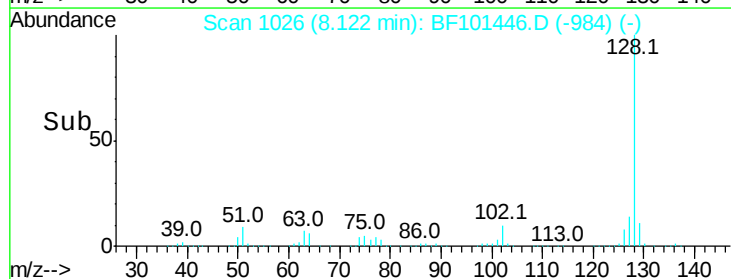
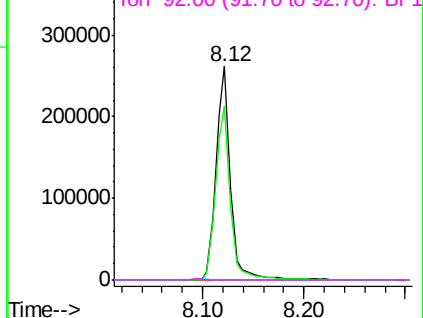


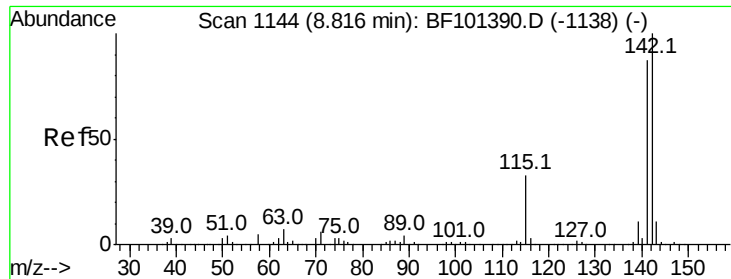
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

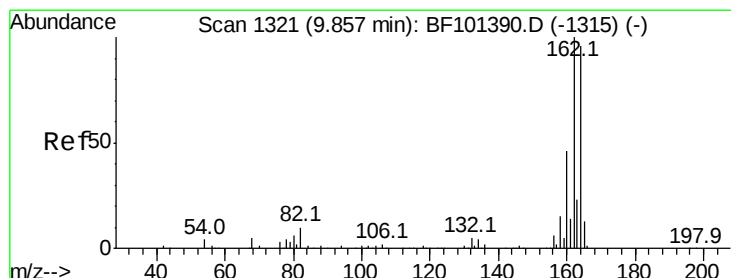
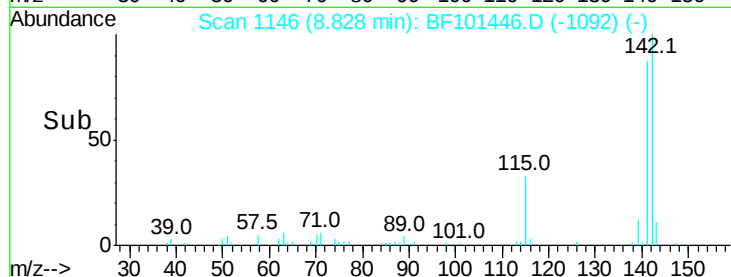
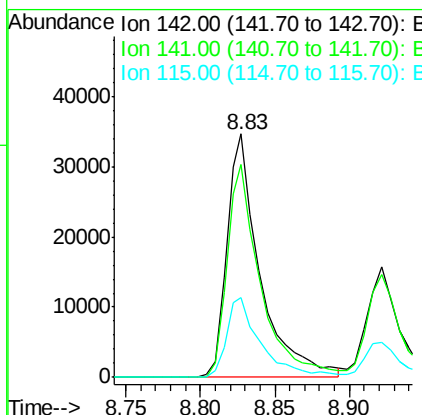
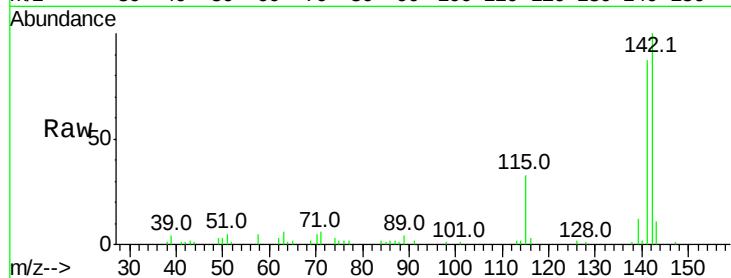




#37
 2-Methylnaphthalene
 Concen: 2.198 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. 0.02 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

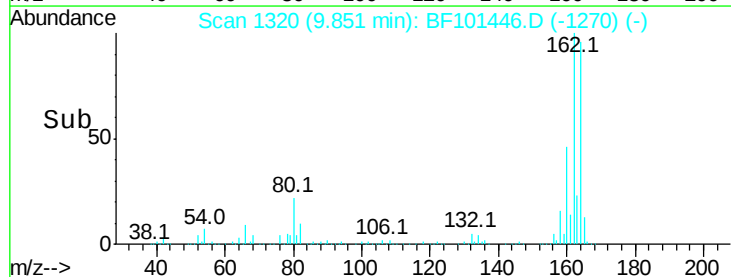
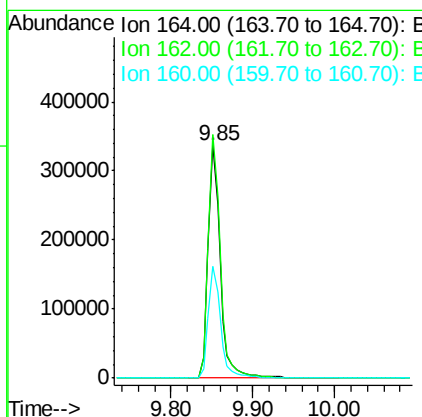
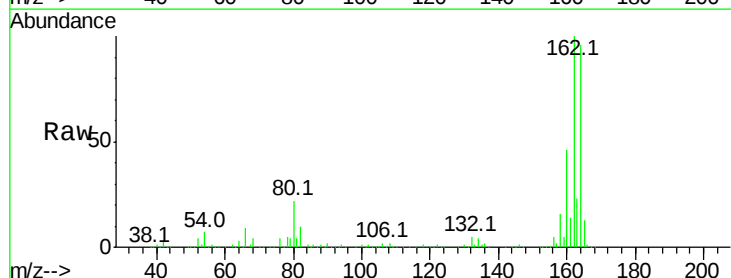
Instrument :
 BNA_F
 ClientSampleId :

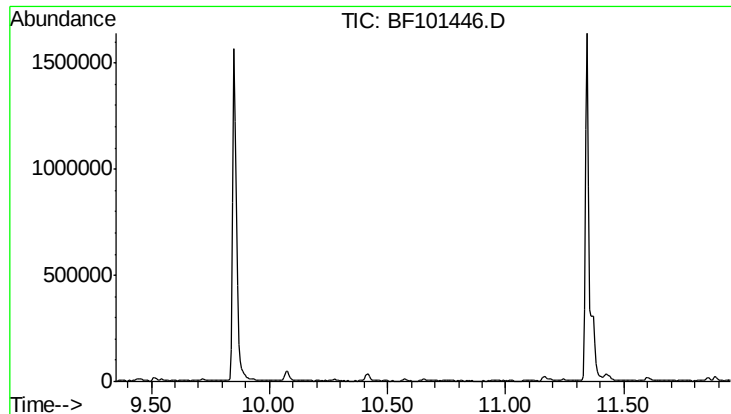
Tot Ion:142 Resp: 53888
 Ion Ratio Lower Upper
 142 100
 141 87.4 70.8 106.2
 115 32.6 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

Tgt Ion:164 Resp: 349526
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 47.7 38.3 57.5

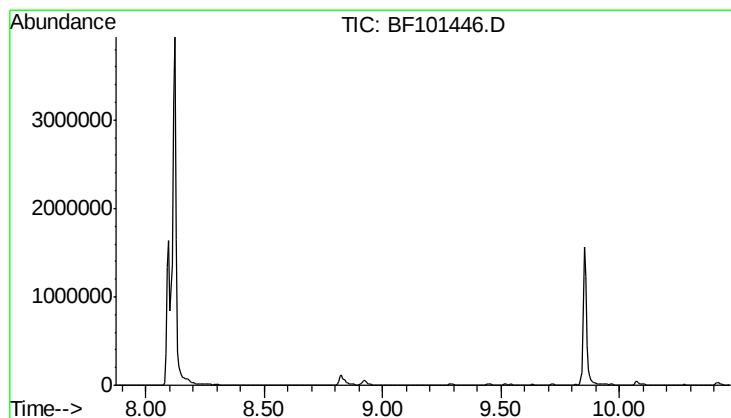
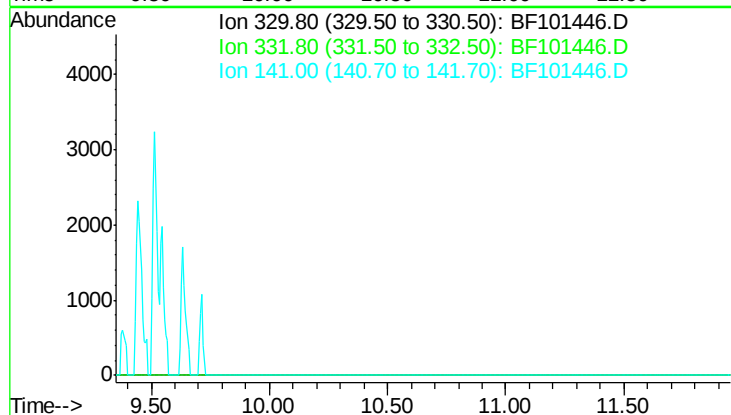




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.65 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

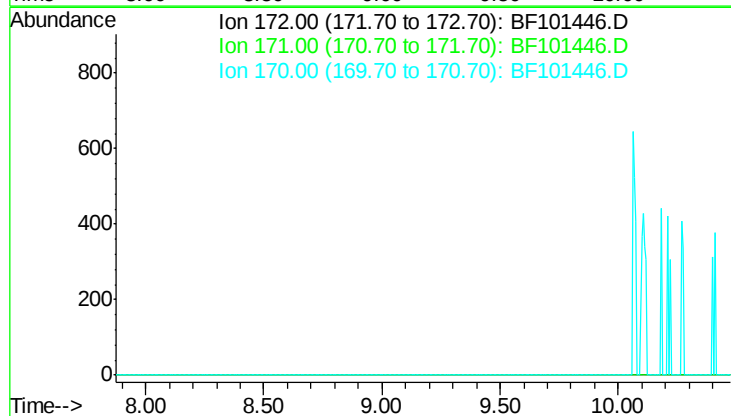
Instrument :
 BNA_F
 ClientSampleId :

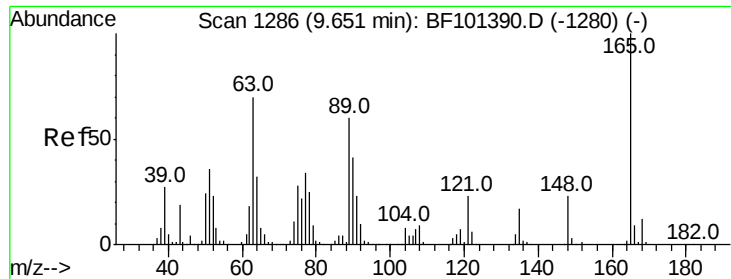
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.17 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.1
 170 24.5

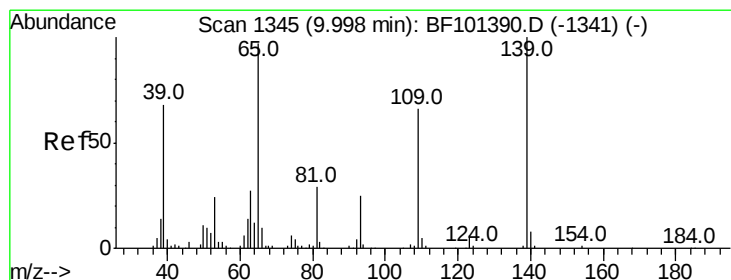
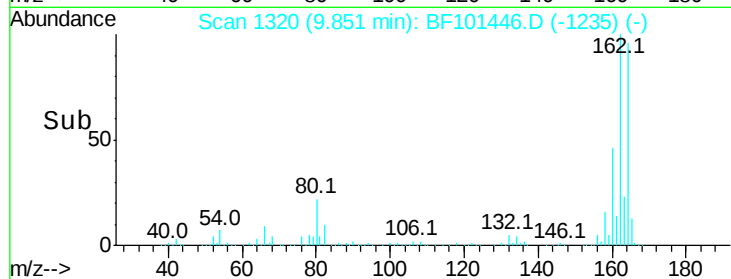
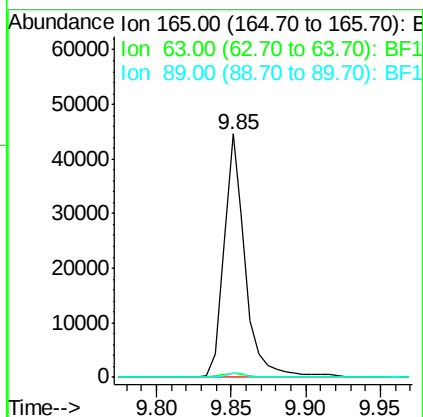
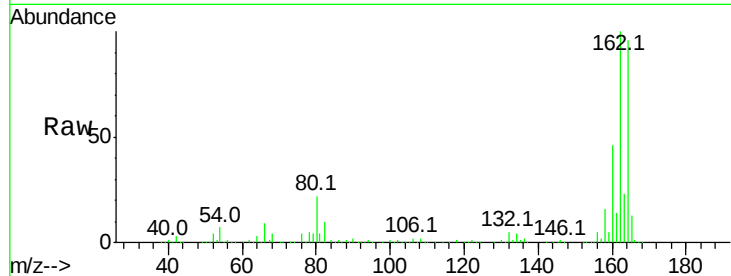




#50
 2,6-Dinitrotoluene
 Concen: 7.864 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.20 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

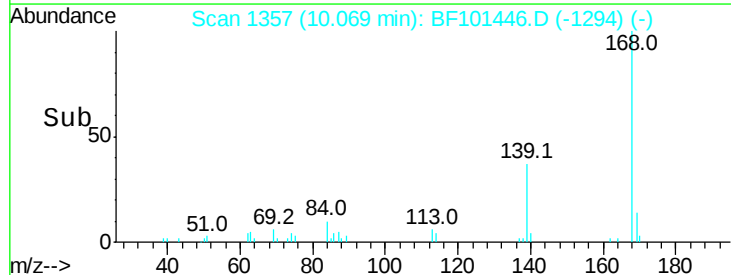
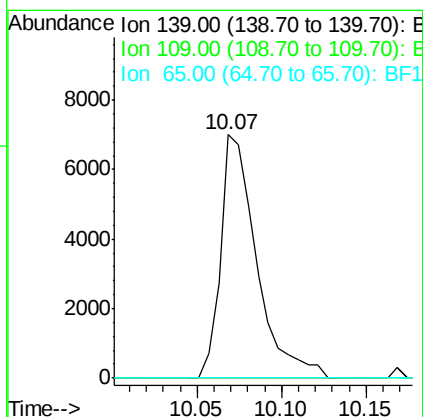
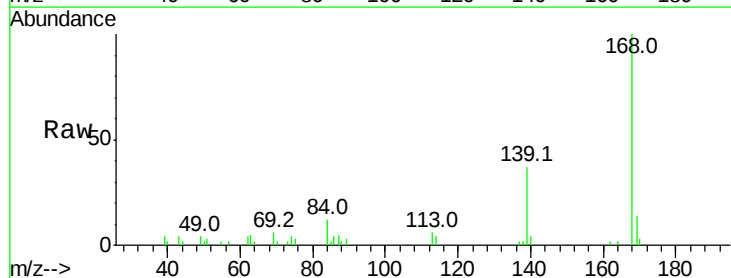
Instrument :
 BNA_F
 ClientSampleId :

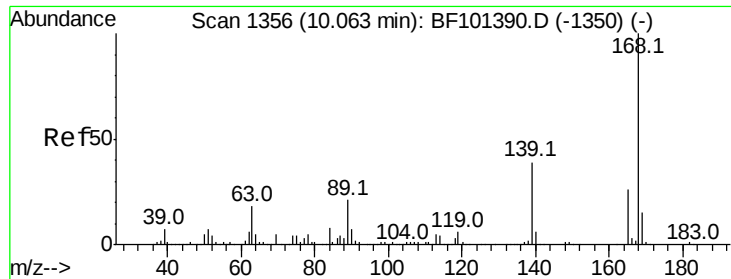
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.6	44.0	66.0#



#55
 4-Nitrophenol
 Concen: 3.348 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.07 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

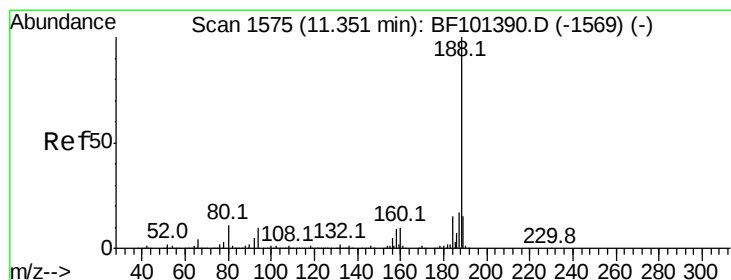
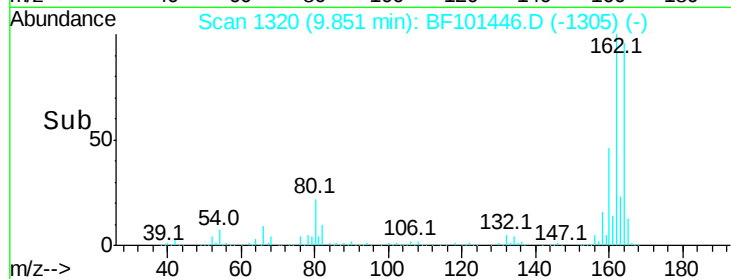
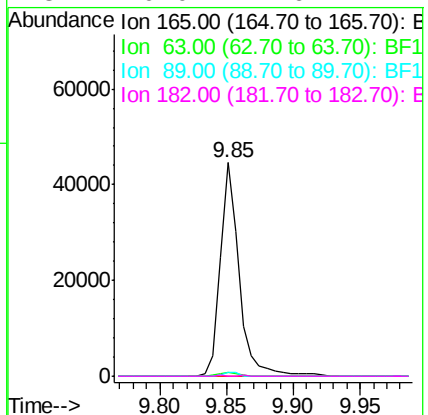
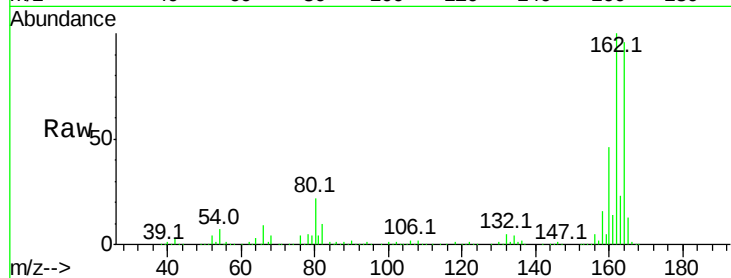




#56
 2,4-Dinitrotoluene
 Concen: 6.980 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.21 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

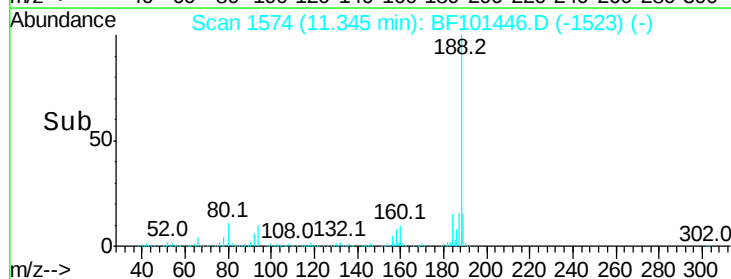
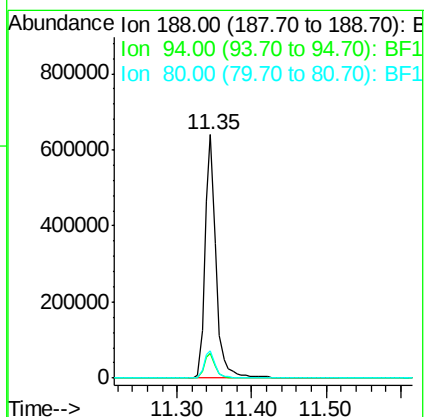
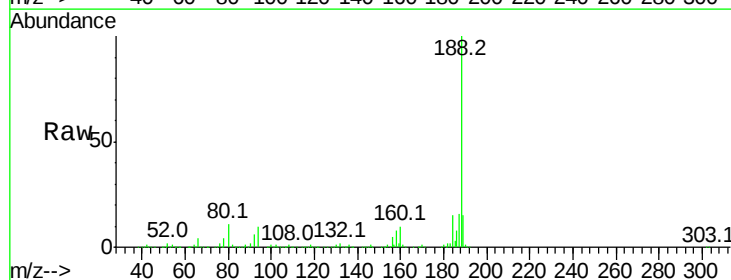
Instrument :
 BNA_F
 ClientSampleId :

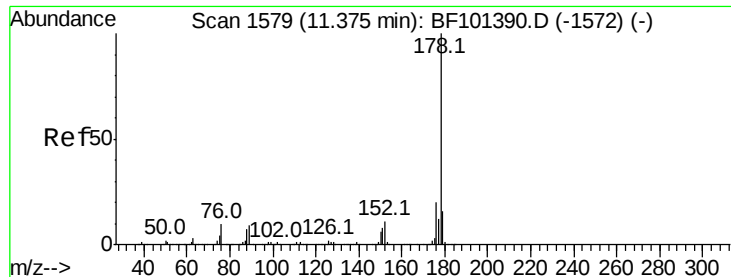
Tot Ion:165 Resp: 44936
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.6 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

Tgt Ion:188 Resp: 658808
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 11.0 9.2 13.8





#70

Phenanthrene

Concen: 2.806 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF101446.D

Acq: 15 Dec 2017 16:46

Instrument :

BNA_F

ClientSampleId :

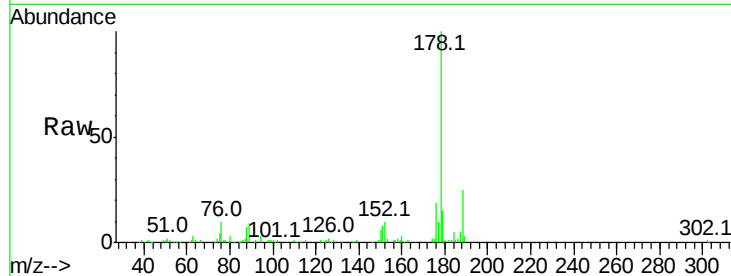
Tot Ion:178 Resp: 102792

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

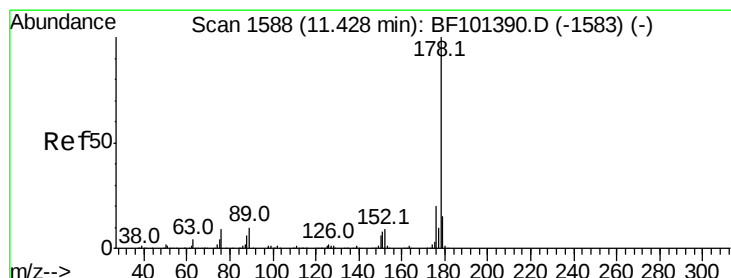
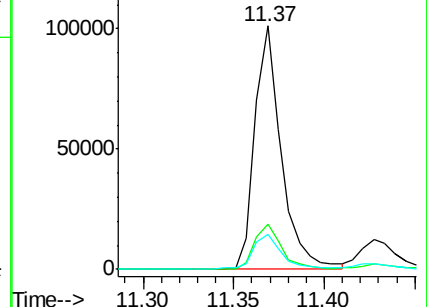
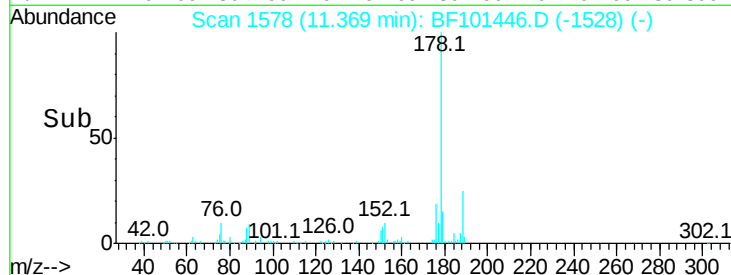
179 14.5 13.0 19.6



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: 2.747 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.06 min

Lab File: BF101446.D

Acq: 15 Dec 2017 16:46

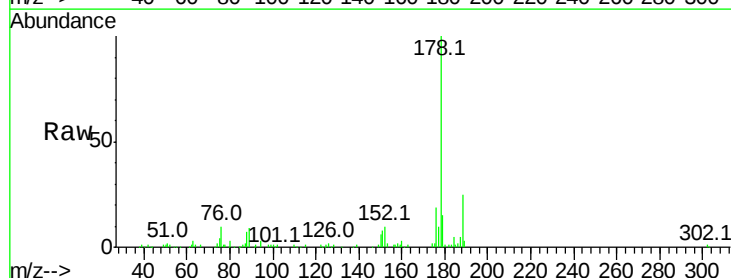
Tgt Ion:178 Resp: 102792

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

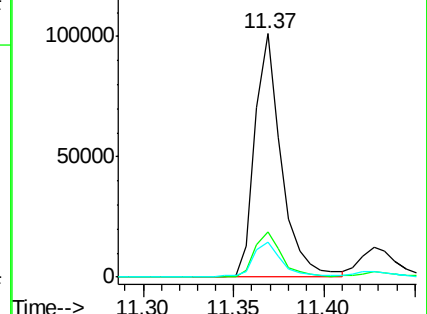
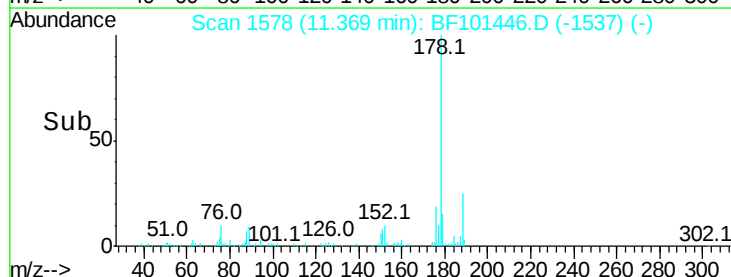
179 14.5 12.6 19.0

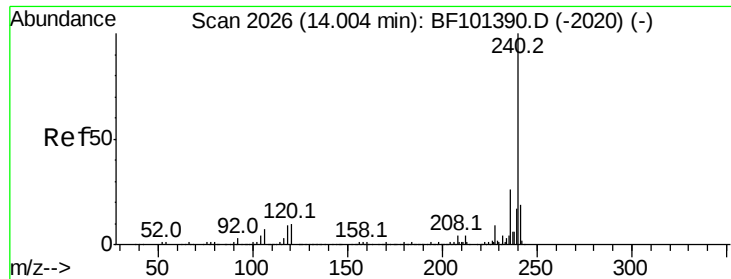


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF101446.D

Acq: 15 Dec 2017 16:46

Instrument :

BNA_F

ClientSampled :

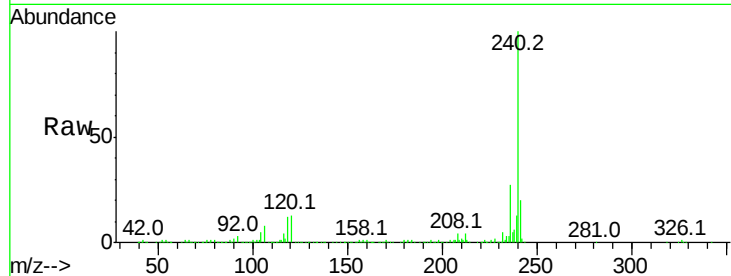
Tot Ion:240 Resp: 408177

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

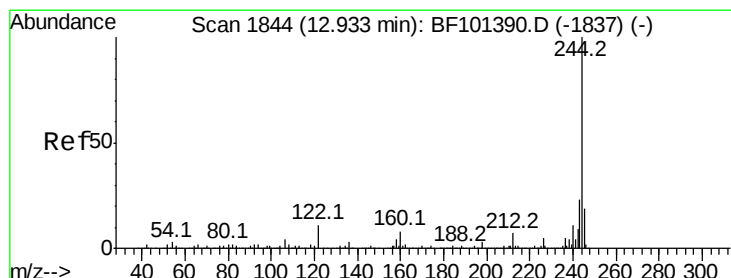
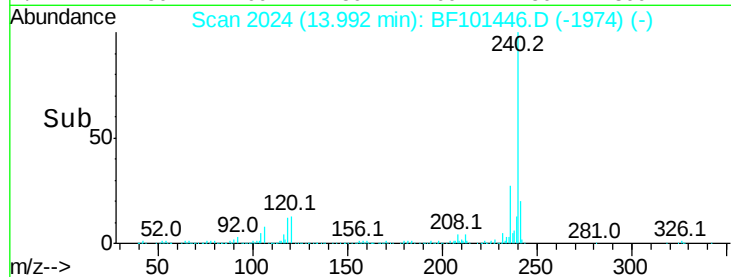
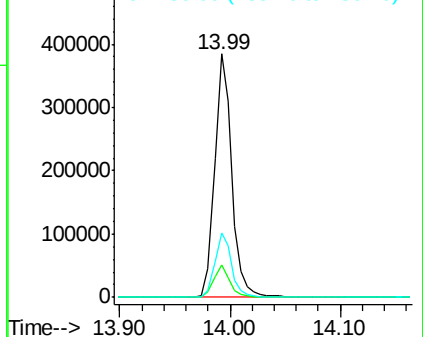
236 26.6 20.7 31.1



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: 0.027 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF101446.D

Acq: 15 Dec 2017 16:46

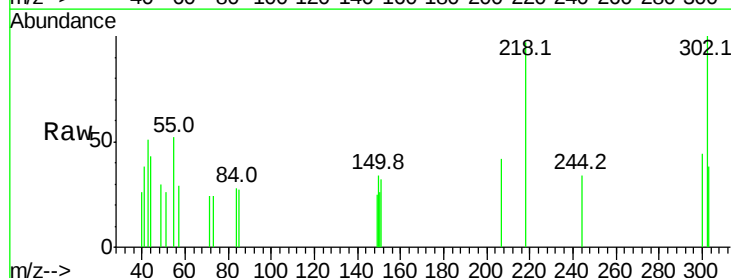
Tgt Ion:244 Resp: 449

Ion Ratio Lower Upper

244 100

212 0.0 5.4 8.0#

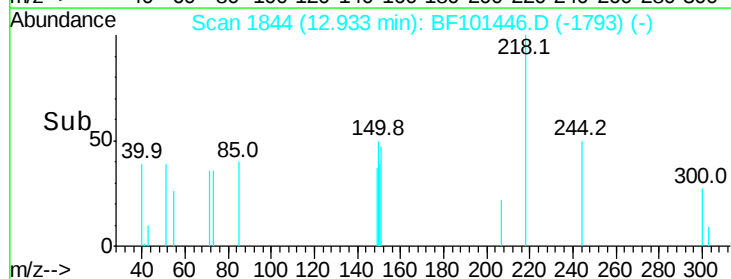
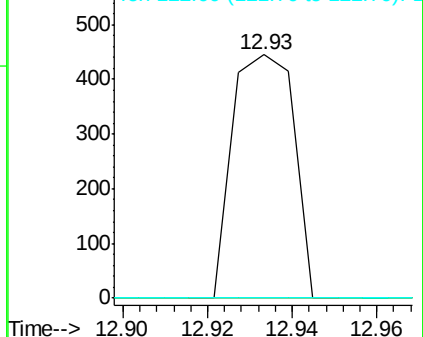
122 0.0 11.0 16.4#

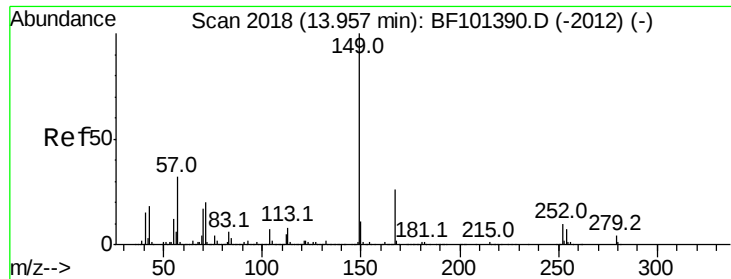


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

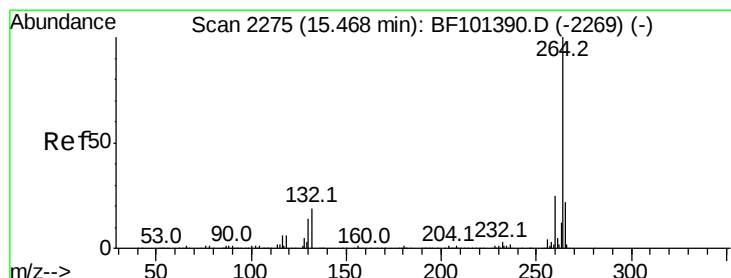
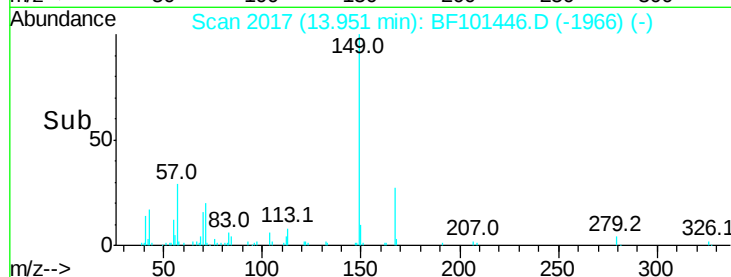
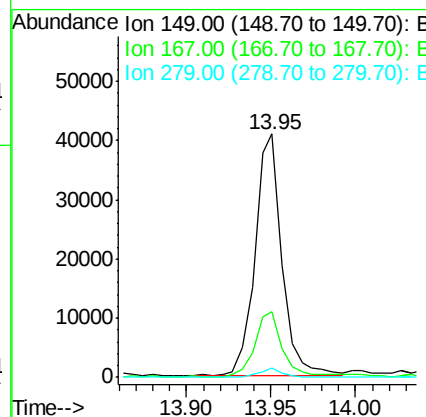
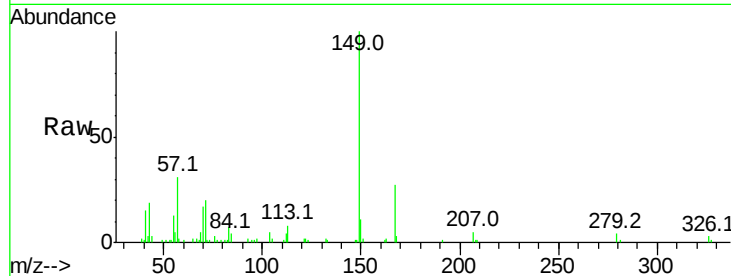




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.572 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 45159
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 4.0 3.0 4.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF101446.D
 Acq: 15 Dec 2017 16:46

Tgt Ion:264 Resp: 369640
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.2 17.5 26.3

