

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121517\
 Data File : BF101463.D
 Acq On : 16 Dec 2017 00:22
 Operator : SJ/JU
 Sample : I6888-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 16 02:28:45 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	158962	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	634140	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	266218	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	458279	20.00	ng	0.00
75) Chrysene-d12	14.00	240	313523	20.00	ng	0.00
86) Perylene-d12	15.47	264	292703	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1228155	115.09	ng	0.02
7) Phenol-d6	6.46	99	1508938	113.61	ng	0.00
23) Nitrobenzene-d5	7.39	82	947589	83.18	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	299723	116.84	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1495664	87.15	ng	0.00
78) Terphenyl-d14	12.93	244	1132236	87.06	ng	0.00

Target Compounds

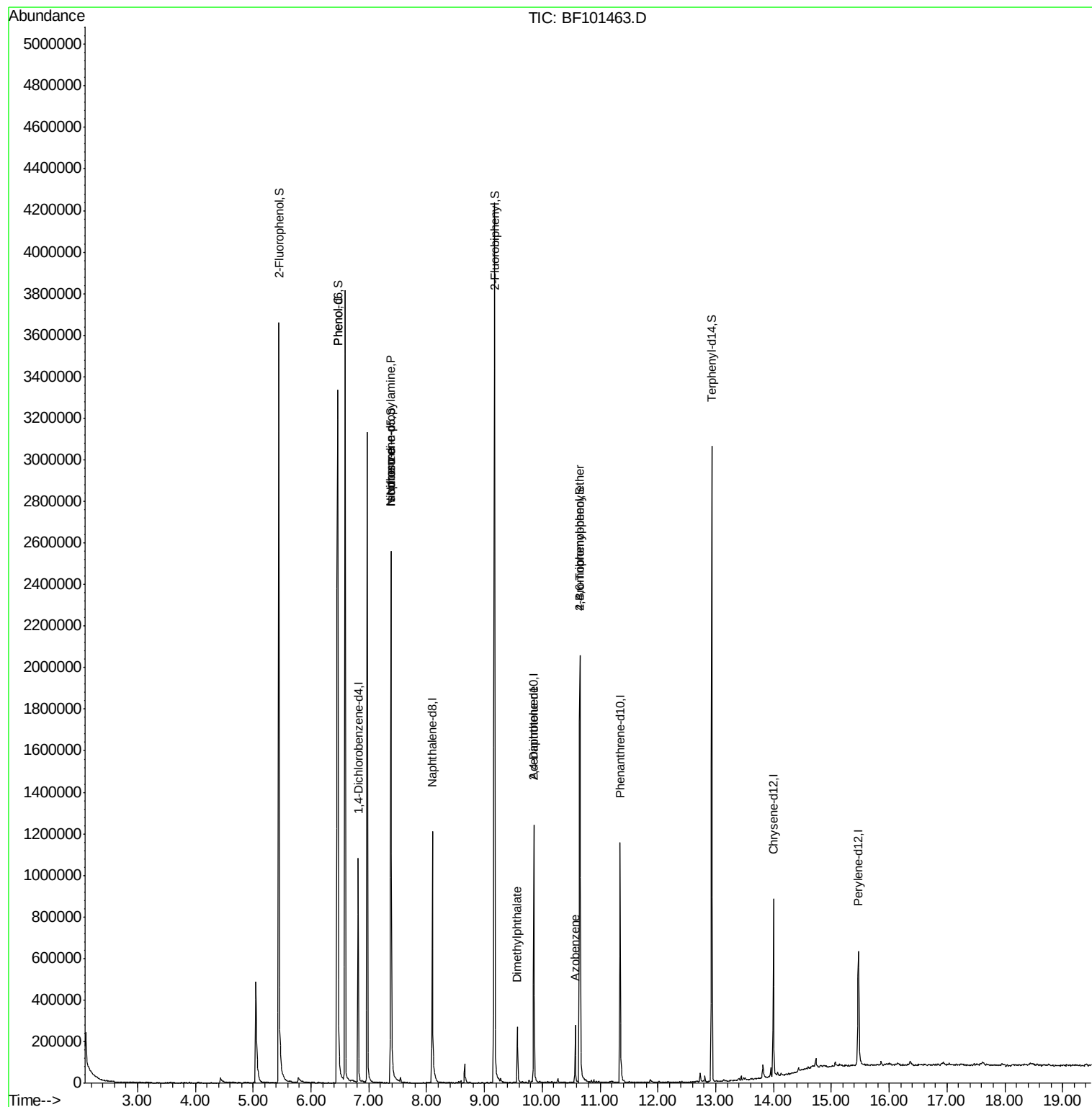
						Qvalue
10) Phenol	6.47	94	81181	5.363	ng	84
19) n-Nitroso-di-n-propylamine	7.39	70	126612	14.516	ng	# 81
25) Isophorone	7.39	82	947583	41.464	ng	# 64
49) Dimethylphthalate	9.57	163	128867	6.018	ng	99
56) 2,4-Dinitrotoluene	9.85	165	33195	6.770	ng	# 23
62) Azobenzene	10.57	77	52254	2.379	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	18036	3.503	ng	# 1

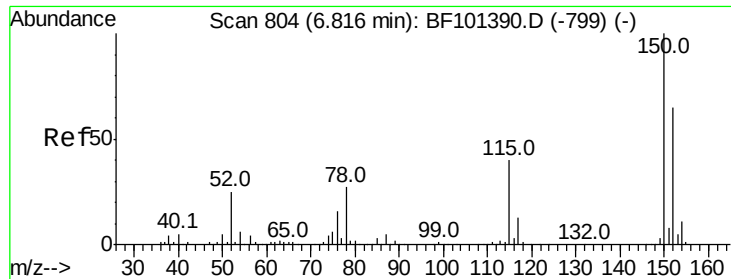
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121517\
Data File : BF101463.D
Acq On : 16 Dec 2017 00:22
Operator : SJ/JU
Sample : I6888-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 16 02:28:45 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



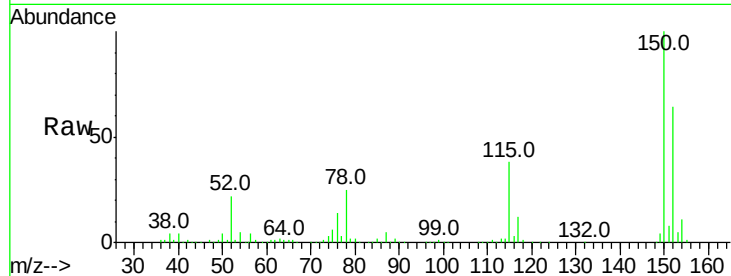


#1

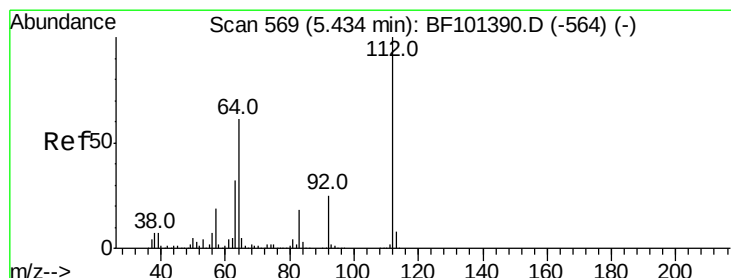
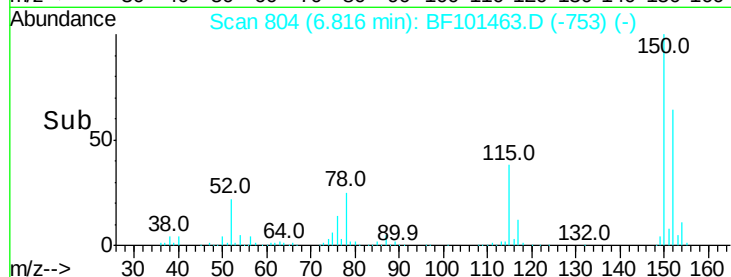
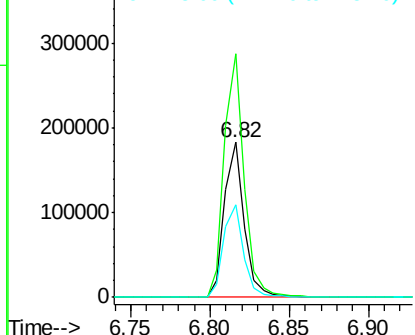
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101463.D
Acq: 16 Dec 2017 00:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158962
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 59.8 50.1 75.1



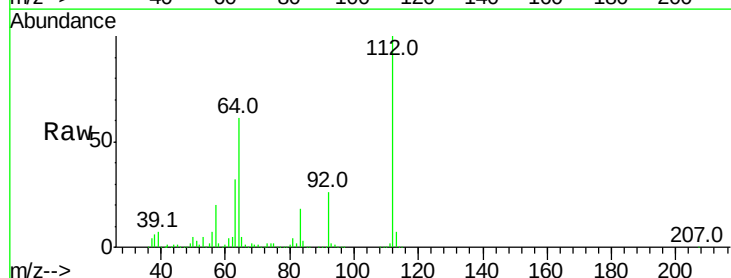
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



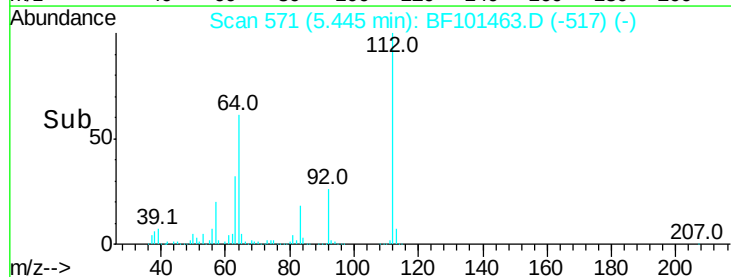
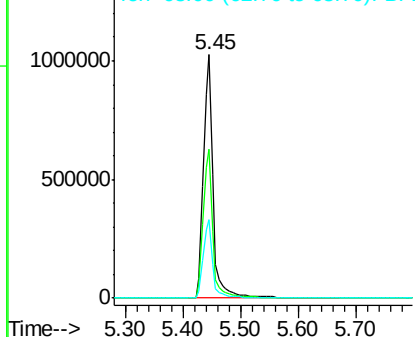
#5

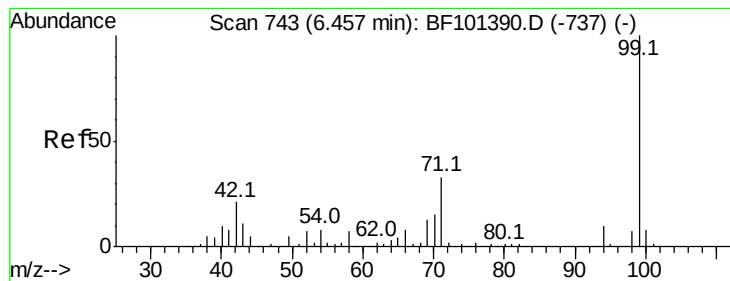
2-Fluorophenol
Concen: 115.086 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.02 min
Lab File: BF101463.D
Acq: 16 Dec 2017 00:22

Tgt Ion:112 Resp: 1228155
Ion Ratio Lower Upper
112 100
64 61.3 47.9 71.9
63 32.3 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





#7

Phenol-d6

Concen: 113.614 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101463.D

Acq: 16 Dec 2017 00:22

Instrument :

BNA_F

ClientSampled :

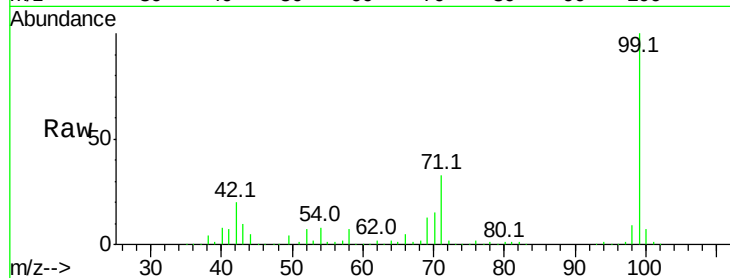
Tot Ion: 99 Resp: 1508938

Ion Ratio Lower Upper

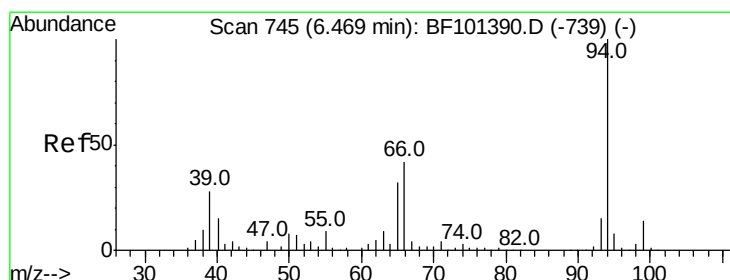
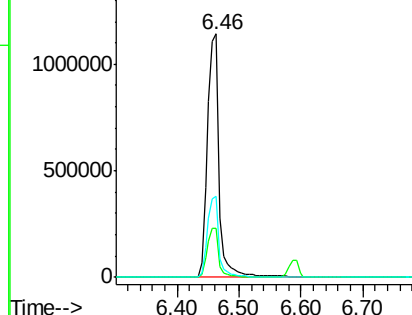
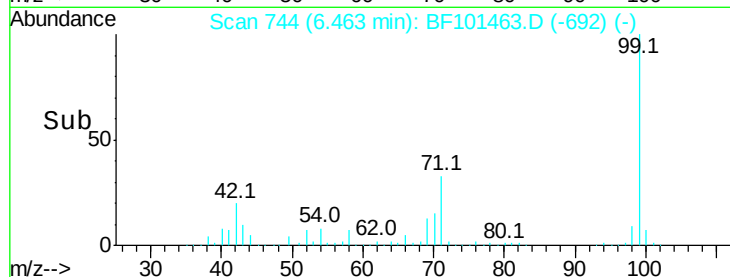
99 100

42 20.3 14.5 21.7

71 33.2 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: 5.363 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF101463.D

Acq: 16 Dec 2017 00:22

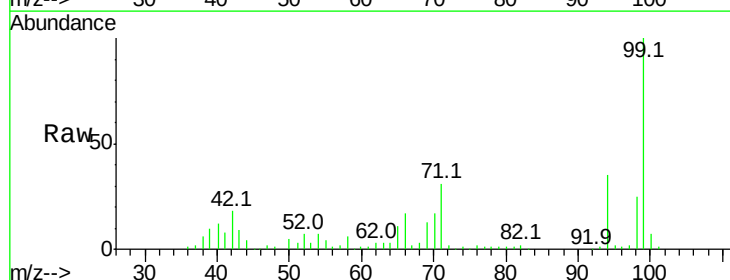
Tgt Ion: 94 Resp: 81181

Ion Ratio Lower Upper

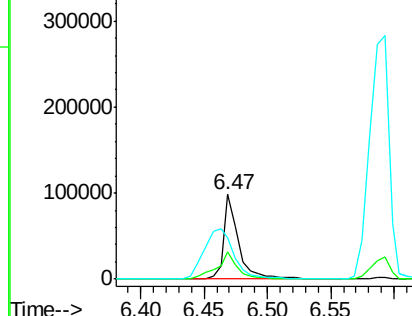
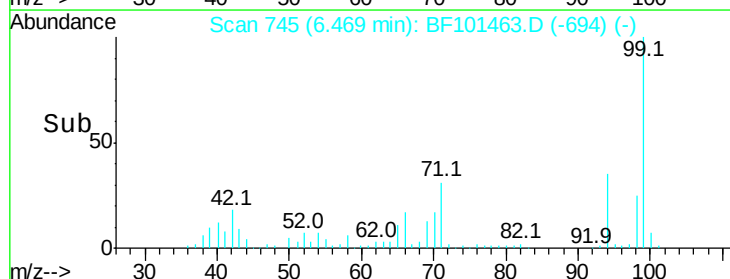
94 100

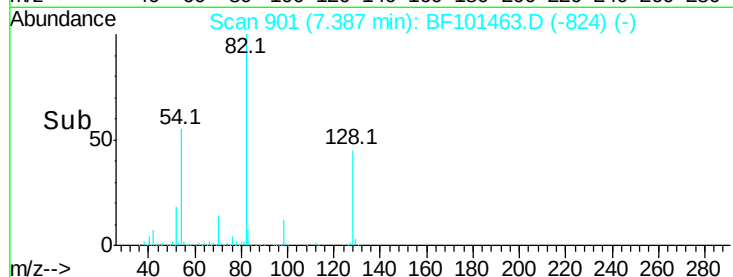
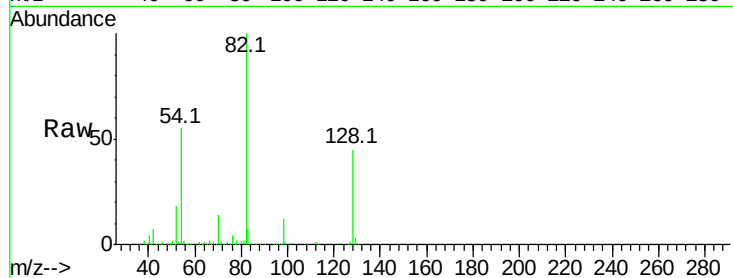
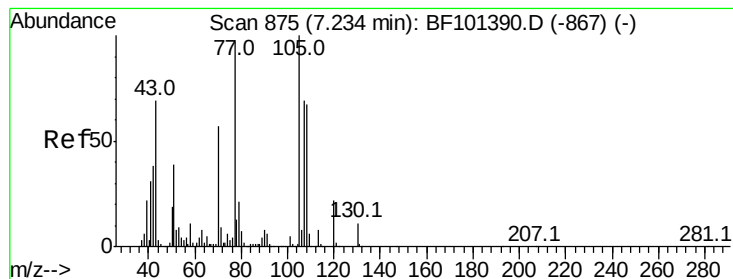
65 31.9 7.9 47.9

66 49.1 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: 14.516 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.15 min

Lab File: BF101463.D

Acq: 16 Dec 2017 00:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 126612

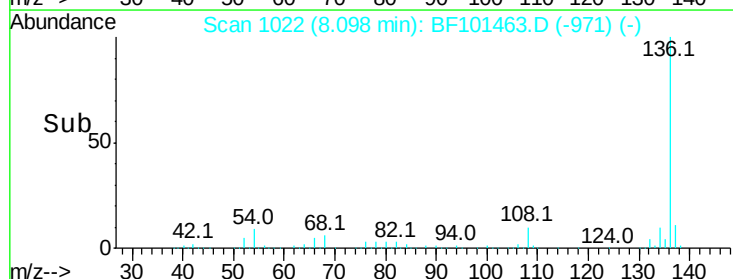
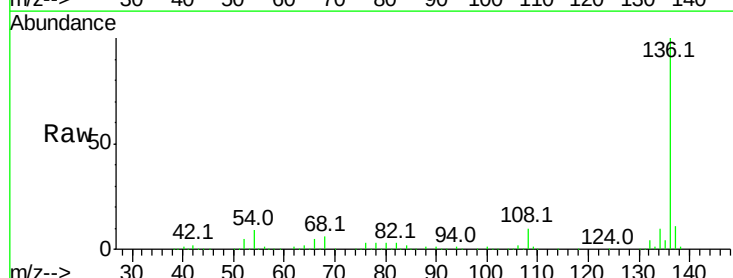
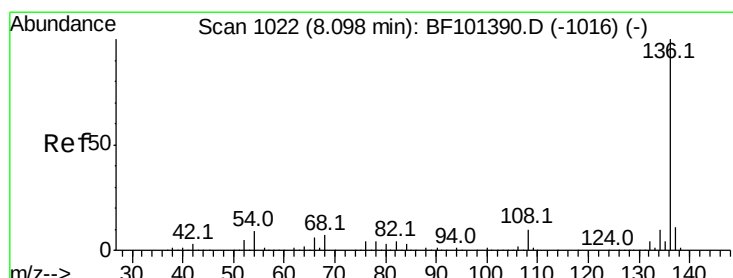
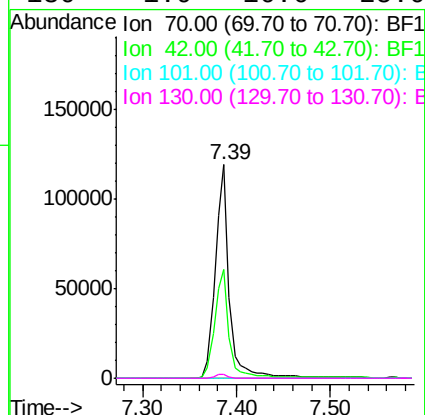
Ion Ratio Lower Upper

70 100

42 51.2 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF101463.D

Acq: 16 Dec 2017 00:22

Tgt Ion: 136 Resp: 634140

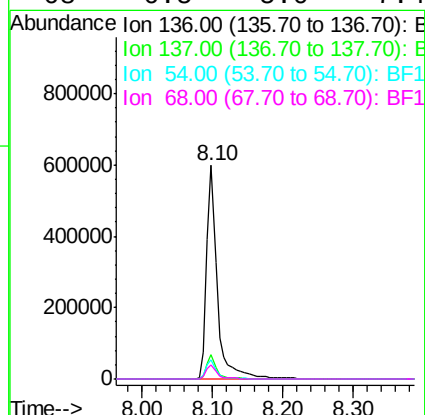
Ion Ratio Lower Upper

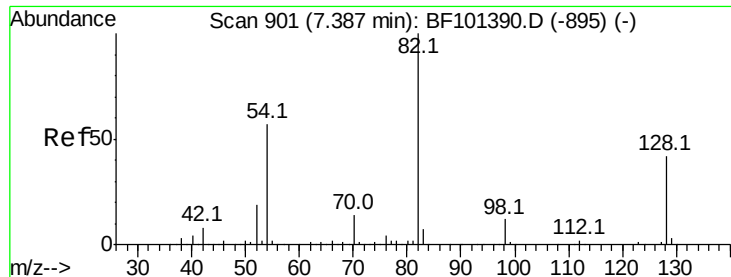
136 100

137 11.1 8.9 13.3

54 8.7 6.6 9.8

68 6.5 5.0 7.4

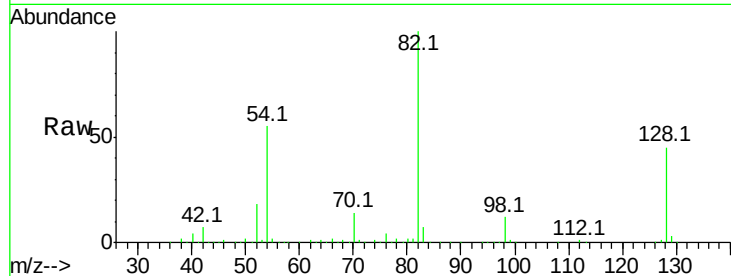




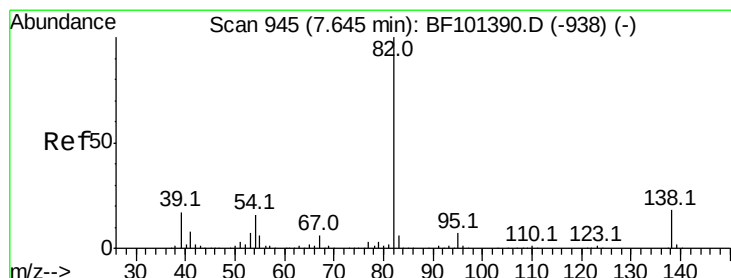
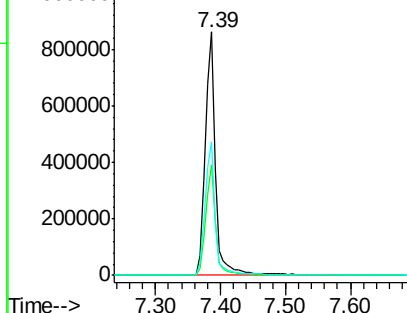
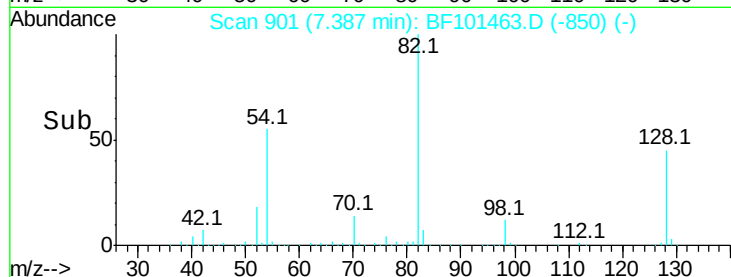
#23
 Nitrobenzene-d5
 Concen: 83.181 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF101463.D
 Acq: 16 Dec 2017 00:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	947589
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	54.6	41.4	62.2

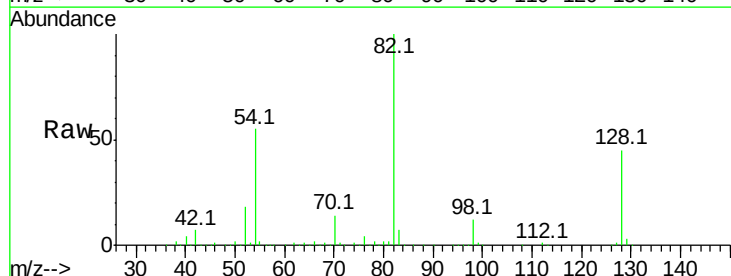


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

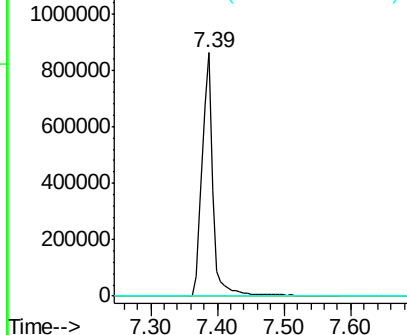
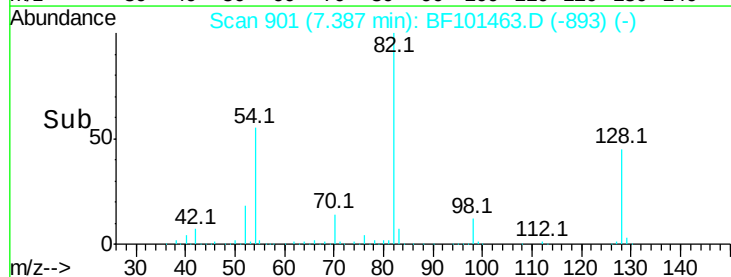


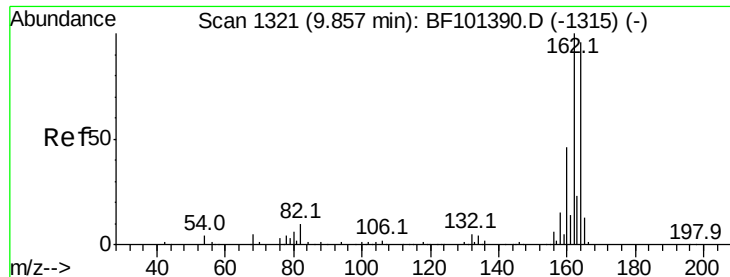
#25
 Isophorone
 Concen: 41.464 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.25 min
 Lab File: BF101463.D
 Acq: 16 Dec 2017 00:22

Tgt Ion	82	Resp	947583
Ion Ratio	100		
Lower	5.2		
Upper	7.8#		
95	0.0	14.9	22.3#
138	0.0		



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF101463.D

Acq: 16 Dec 2017 00:22

Instrument :

BNA_F

ClientSampleId :

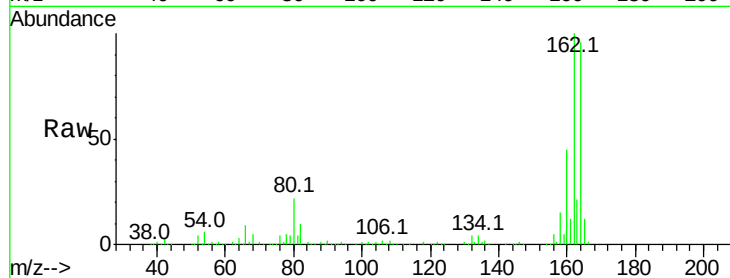
Tot Ion:164 Resp: 266218

Ion Ratio Lower Upper

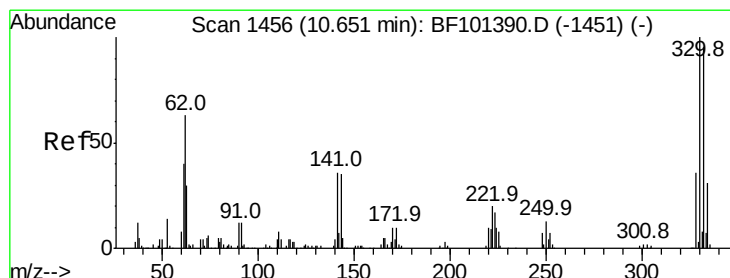
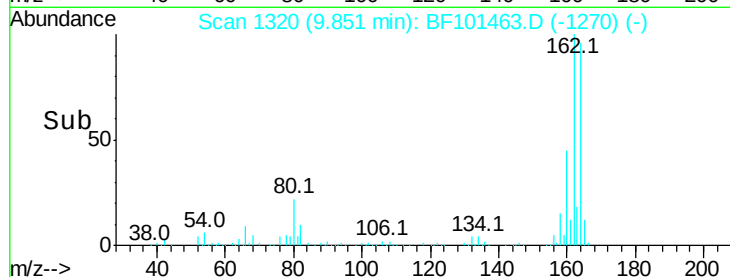
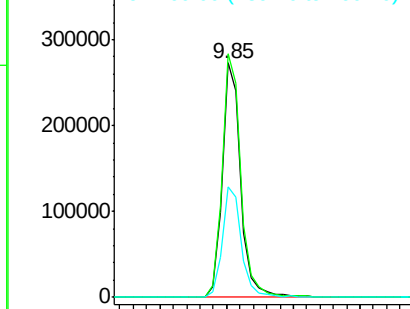
164 100

162 103.9 86.1 129.1

160 47.0 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: 116.841 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF101463.D

Acq: 16 Dec 2017 00:22

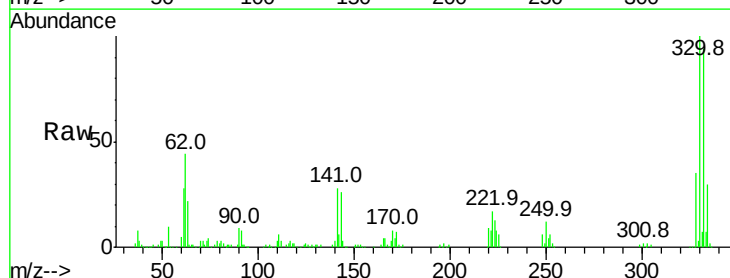
Tgt Ion:330 Resp: 299723

Ion Ratio Lower Upper

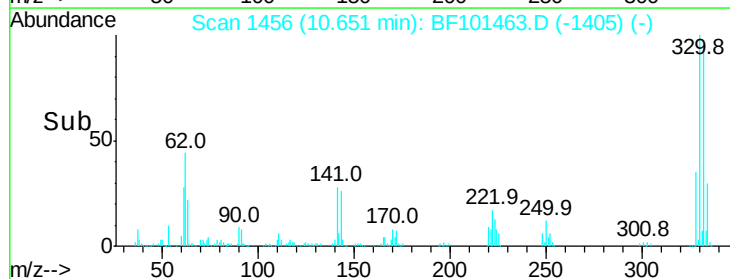
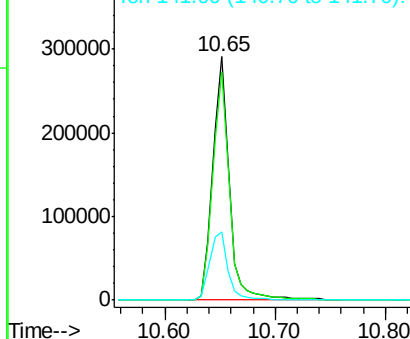
330 100

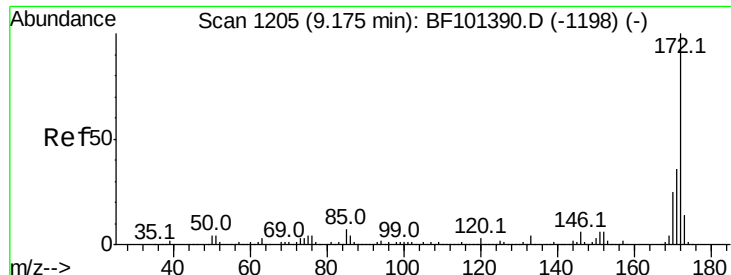
332 95.4 77.0 115.6

141 31.4 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

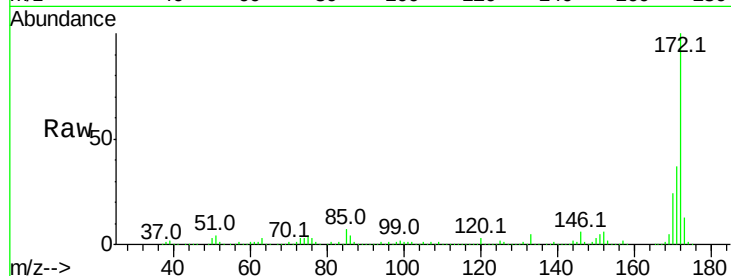




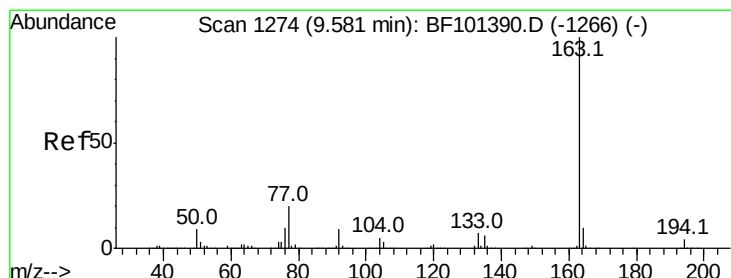
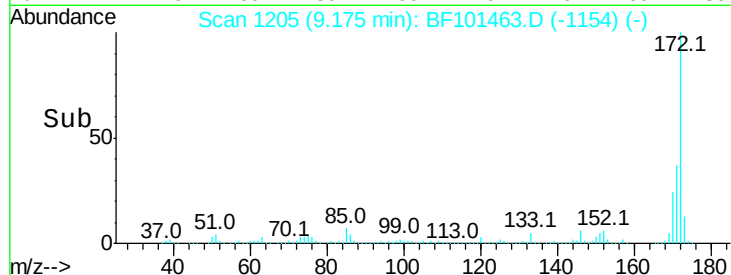
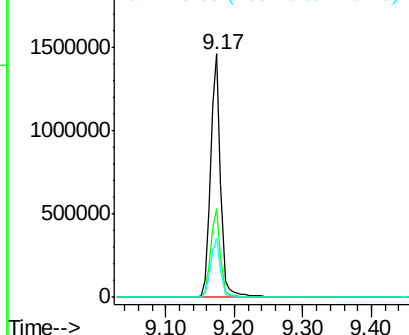
#44
2-Fluorobiphenyl
Concen: 87.152 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF101463.D
Acq: 16 Dec 2017 00:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1495664
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.3 19.6 29.4

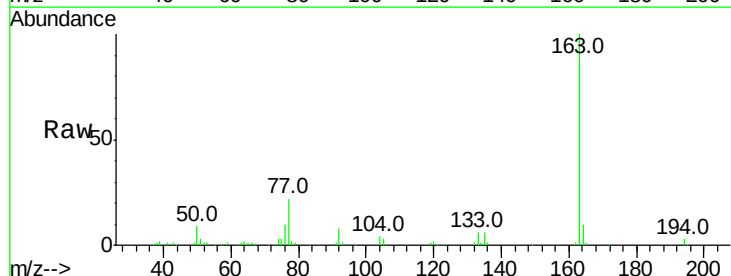


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

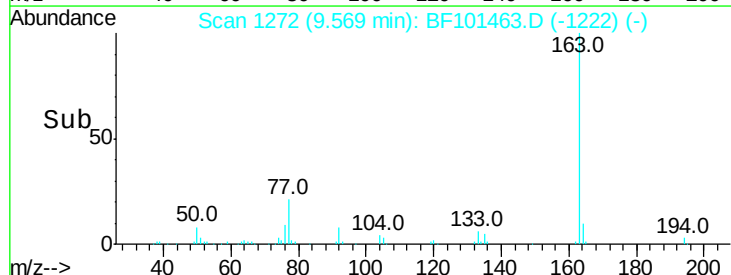
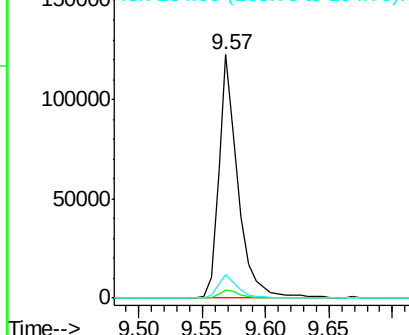


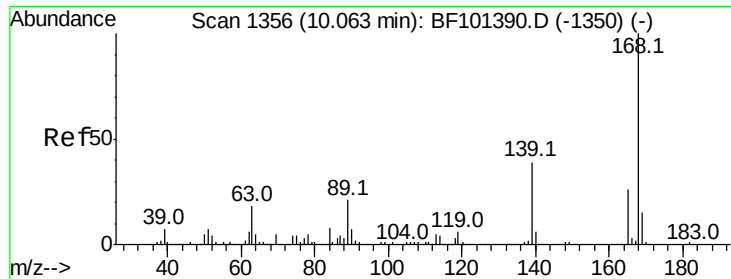
#49
Dimethylphthalate
Concen: 6.018 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF101463.D
Acq: 16 Dec 2017 00:22

Tgt Ion:163 Resp: 128867
Ion Ratio Lower Upper
163 100
194 3.3 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

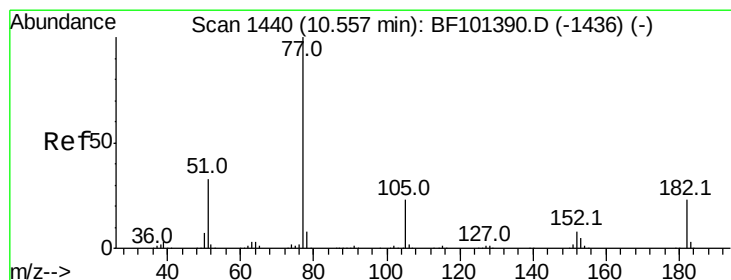
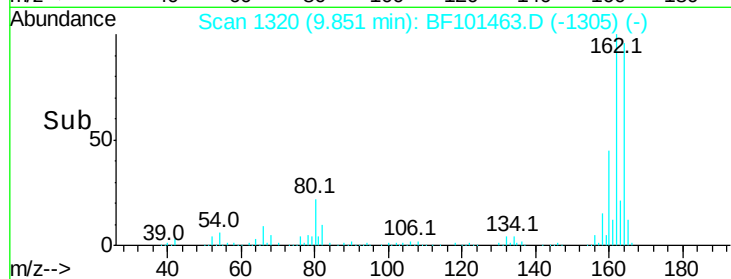
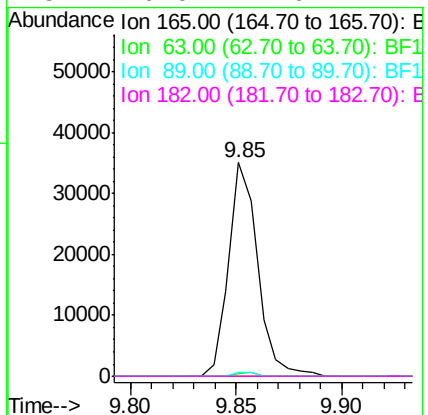
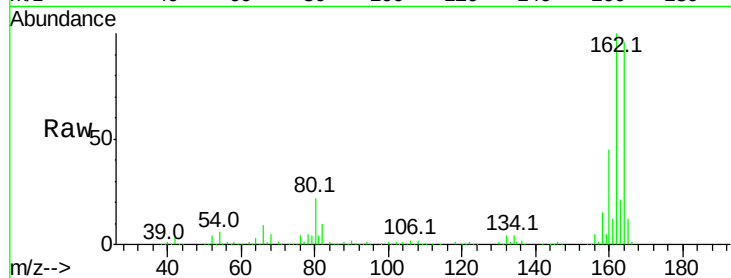




#56
 2,4-Dinitrotoluene
 Concen: 6.770 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.21 min
 Lab File: BF101463.D
 Acq: 16 Dec 2017 00:22

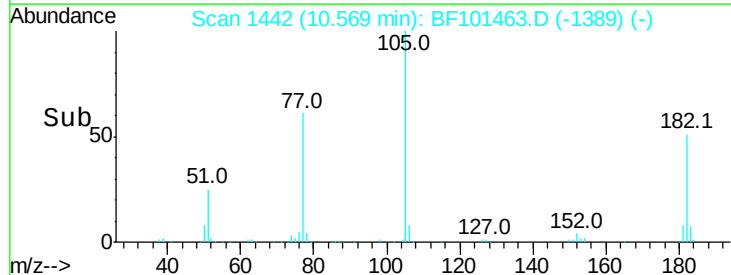
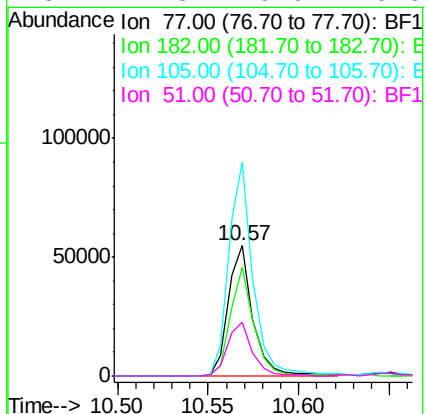
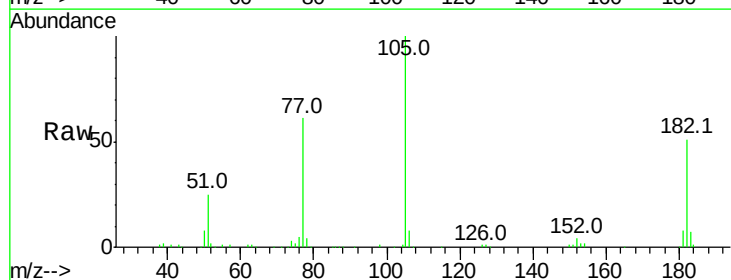
Instrument :
 BNA_F
 ClientSampleId :

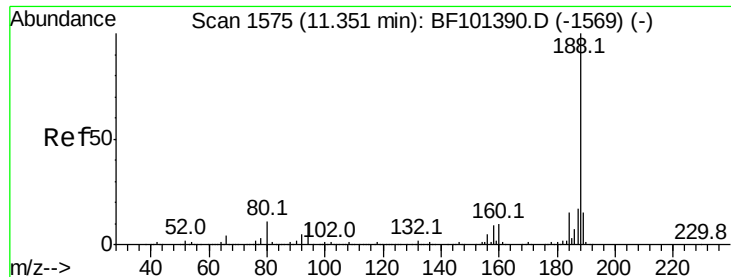
Tot Ion:	165	Resp:	33195
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 2.379 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF101463.D
 Acq: 16 Dec 2017 00:22

Tgt Ion:	77	Resp:	52254
Ion	Ratio	Lower	Upper
77	100		
182	83.3	1.7	41.7#
105	163.8	3.0	43.0#
51	41.3	9.9	49.9

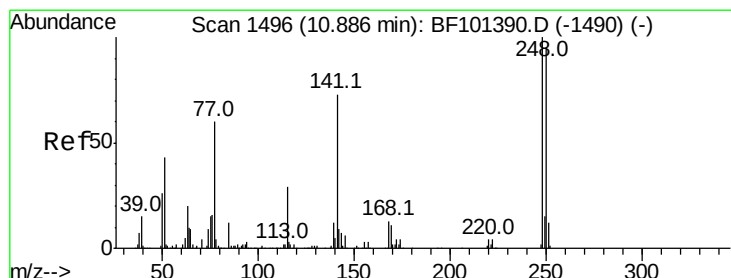
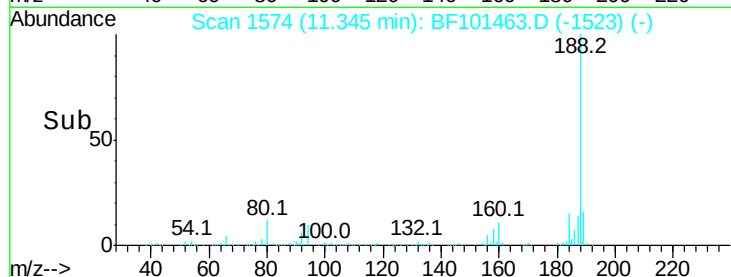
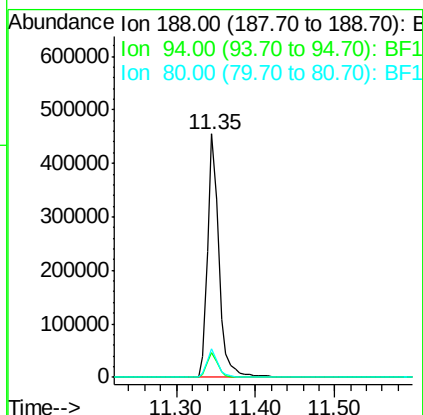
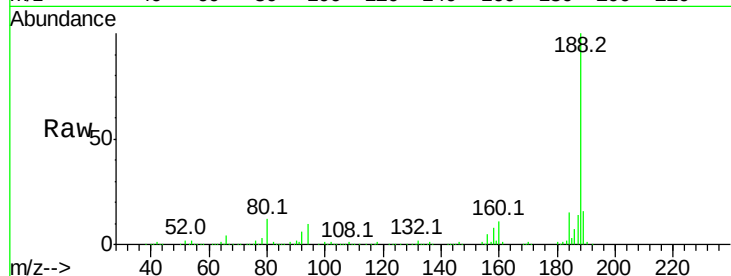




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101463.D
Acq: 16 Dec 2017 00:22

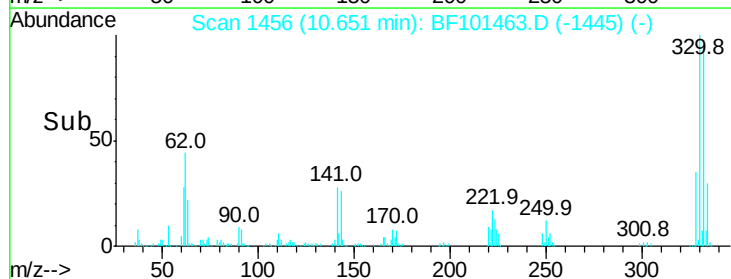
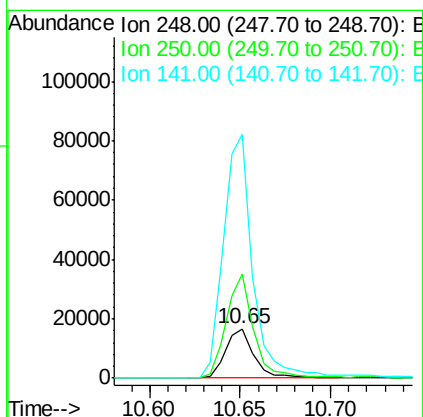
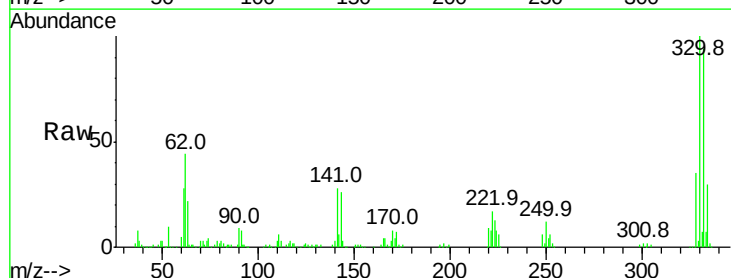
Instrument :
BNA_F
ClientSampleId :

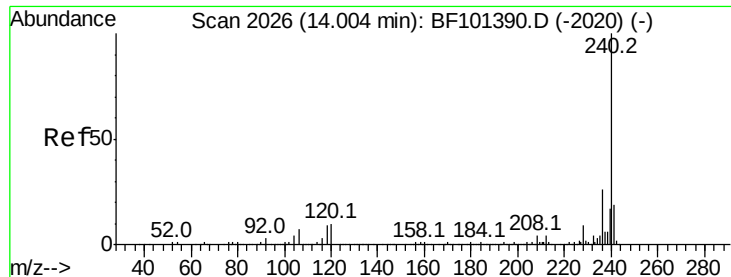
Tot Ion:188 Resp: 458279
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.503 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.24 min
Lab File: BF101463.D
Acq: 16 Dec 2017 00:22

Tgt Ion:248 Resp: 18036
Ion Ratio Lower Upper
248 100
250 212.3 76.9 115.3#
141 496.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF101463.D

Acq: 16 Dec 2017 00:22

Instrument :

BNA_F

ClientSampleId :

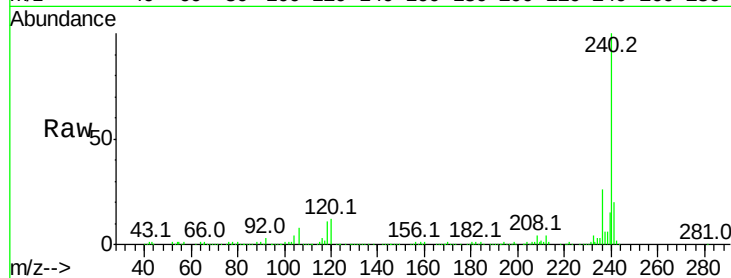
Tot Ion:240 Resp: 313523

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

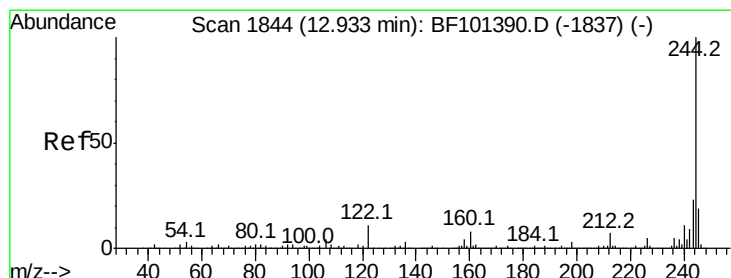
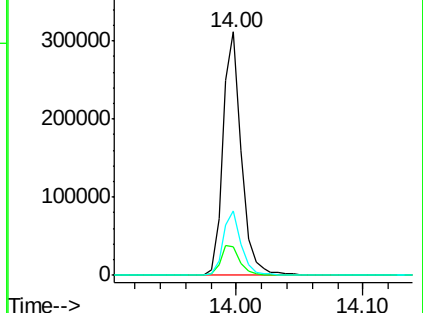
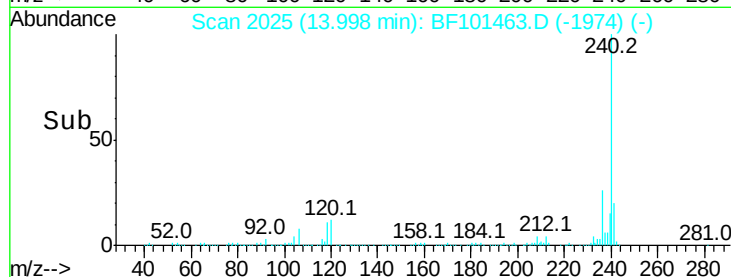
236 26.2 20.7 31.1



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: 87.061 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF101463.D

Acq: 16 Dec 2017 00:22

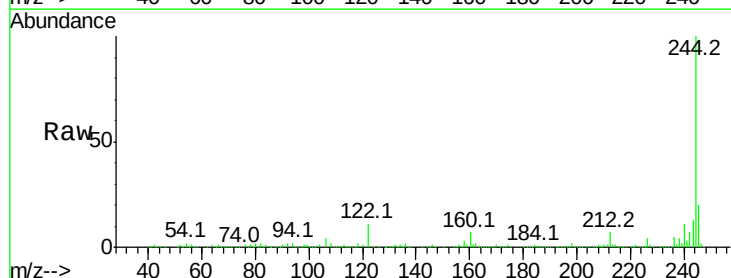
Tgt Ion:244 Resp: 1132236

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

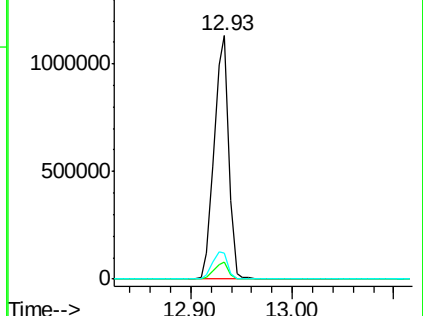
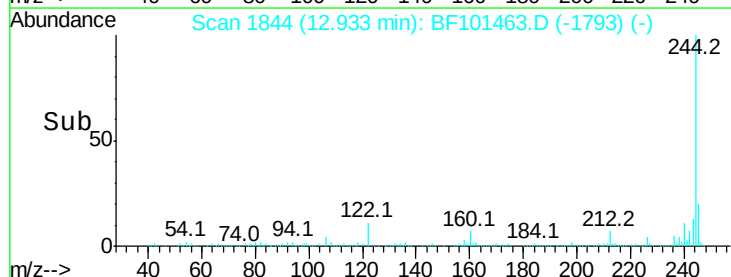
122 10.8 11.0 16.4#

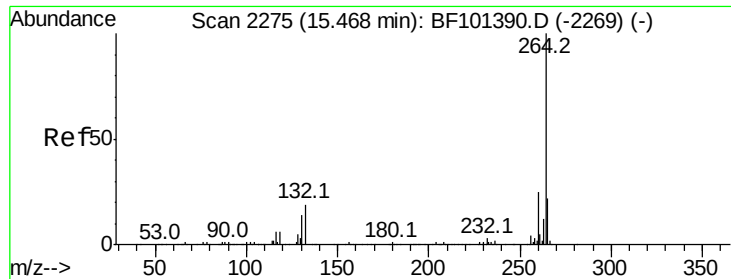


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

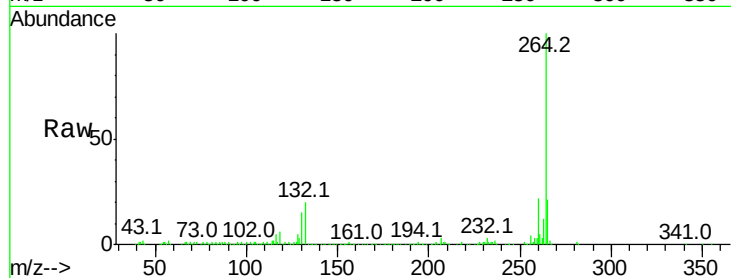




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF101463.D
Acq: 16 Dec 2017 00:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	20.8	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

