

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
 Data File : BF100540.D
 Acq On : 14 Nov 2017 14:10
 Operator : SJ/JU
 Sample : I6364-04 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 14 14:46:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 14:17:16 2017
 Response via : Initial Calibration

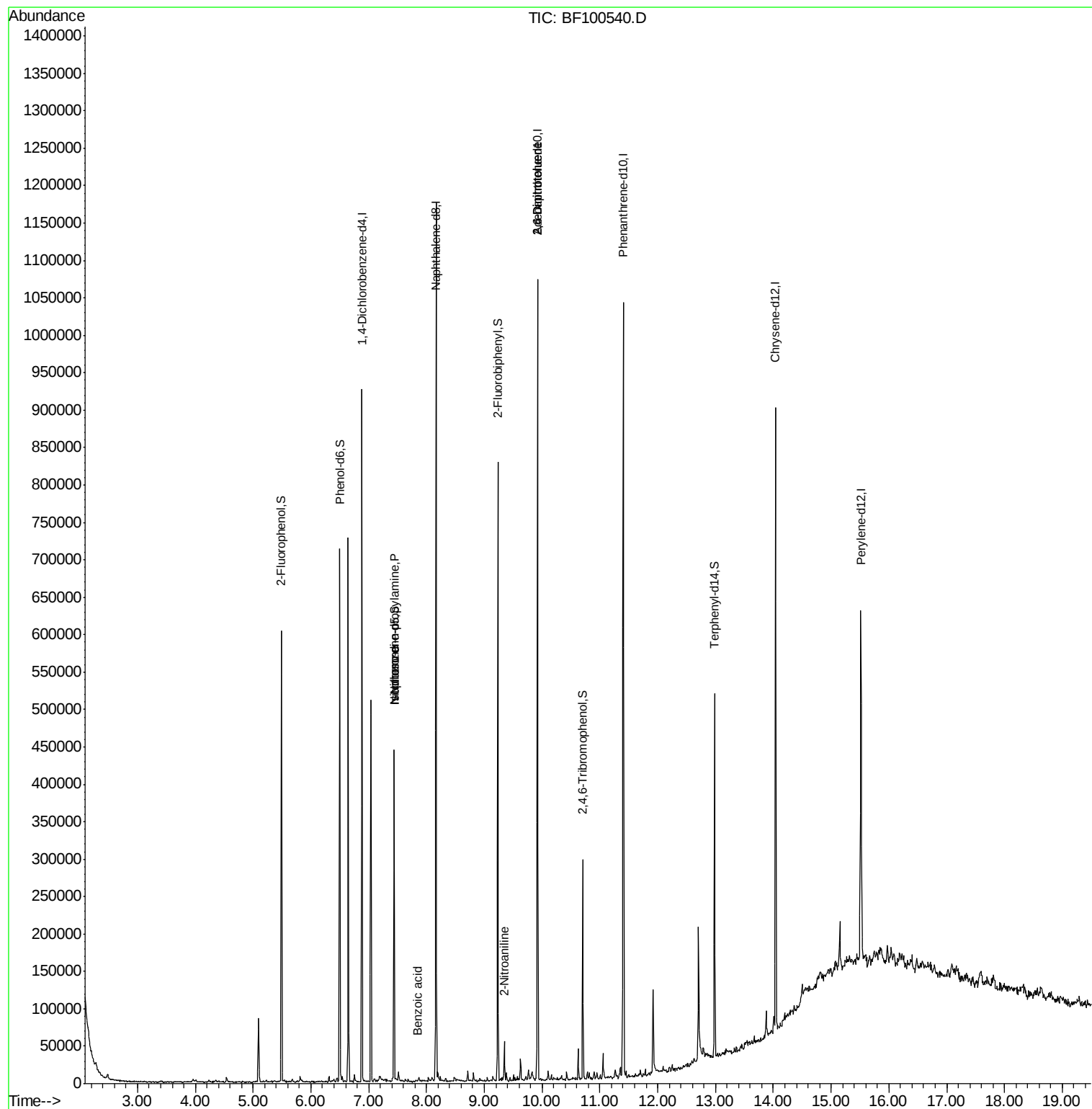
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	128411	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	491712	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	211664	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	337230	20.00	ng	0.00
75) Chrysene-d12	14.04	240	267045	20.00	ng	-0.01
86) Perylene-d12	15.52	264	225277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	162915	20.34	ng	-0.01
7) Phenol-d6	6.50	99	198682	20.11	ng	-0.01
23) Nitrobenzene-d5	7.44	82	116189	15.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	33202	15.39	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	237384	17.08	ng	-0.01
78) Terphenyl-d14	12.99	244	154853	13.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	14857	2.169	ng	# 82
25) Isophorone	7.44	82	116189	7.434	ng	# 64
32) Benzoic acid	7.85	122	120	9.389	ng	# 48
47) 2-Nitroaniline	9.35	65	375	2.874	ng	# 17
50) 2,6-Dinitrotoluene	9.92	165	27904	8.723	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	27904	6.914	ng	# 23

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

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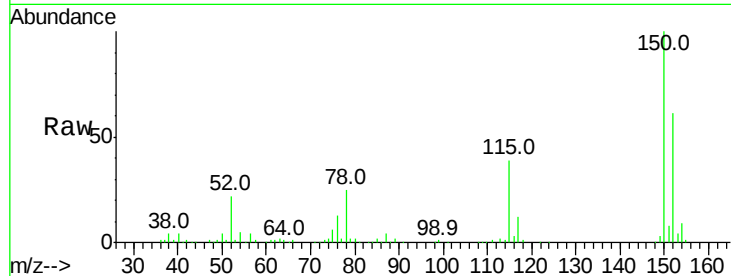


#1

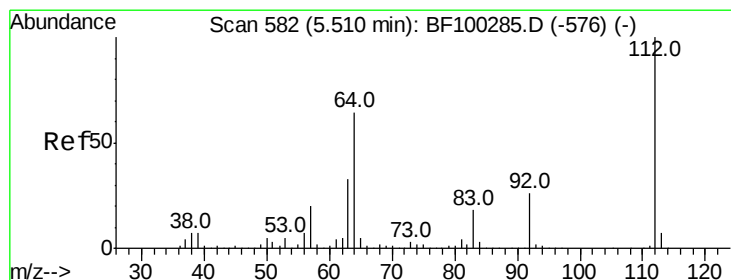
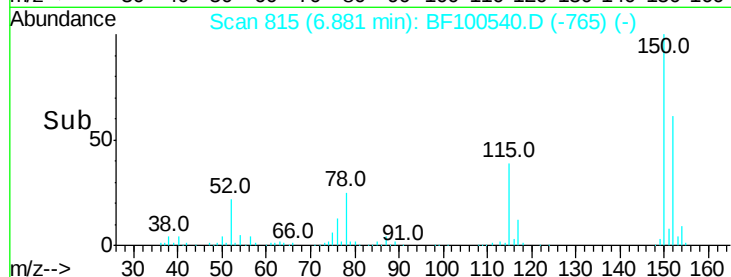
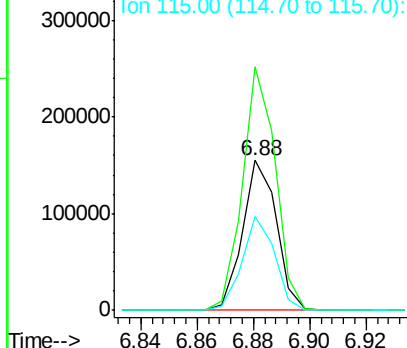
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100540.D
Acq: 14 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128411
Ion Ratio Lower Upper
152 100
150 162.7 124.6 186.8
115 63.1 50.1 75.1



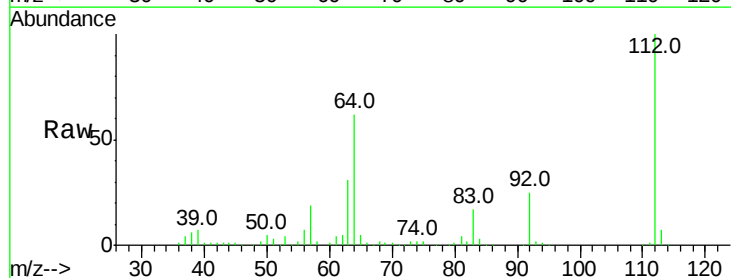
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



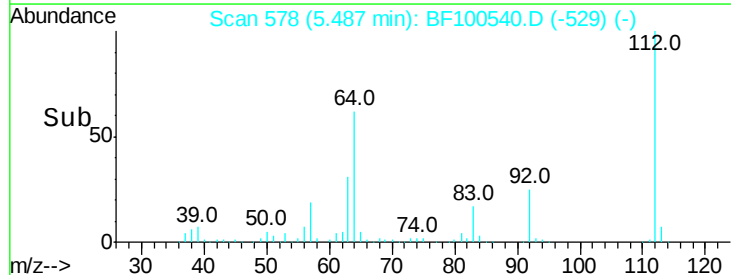
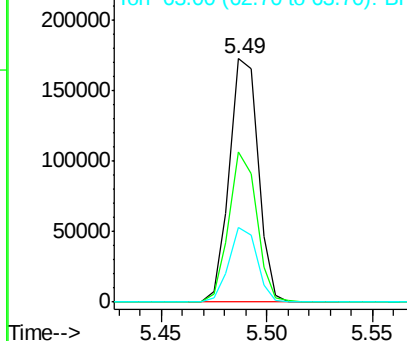
#5

2-Fluorophenol
Concen: 20.337 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100540.D
Acq: 14 Nov 2017 14:10

Tgt Ion:112 Resp: 162915
Ion Ratio Lower Upper
112 100
64 61.6 47.9 71.9
63 30.7 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: 20.113 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100540.D

Acq: 14 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

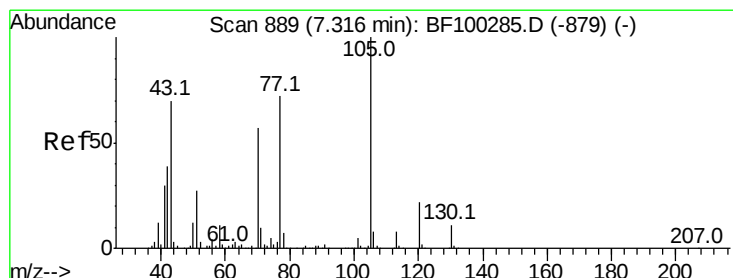
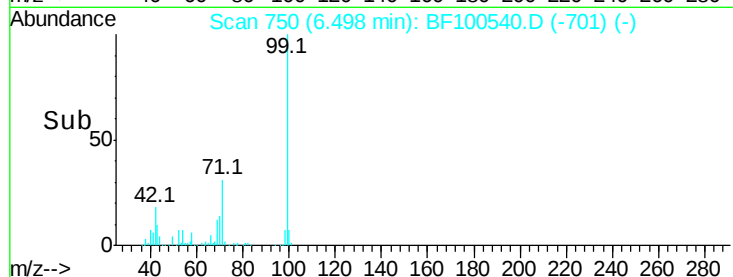
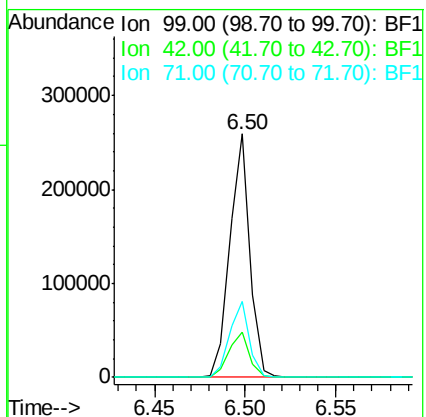
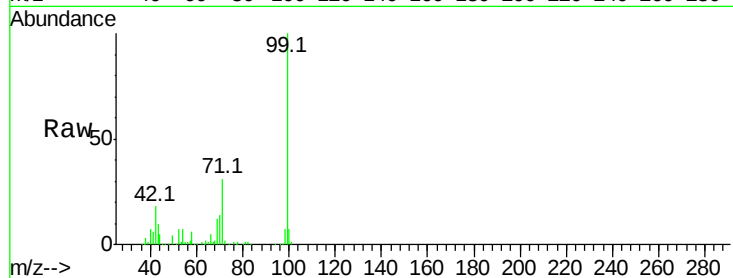
Tot Ion: 99 Resp: 198682

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 31.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.169 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF100540.D

Acq: 14 Nov 2017 14:10

Tgt Ion: 70 Resp: 14857

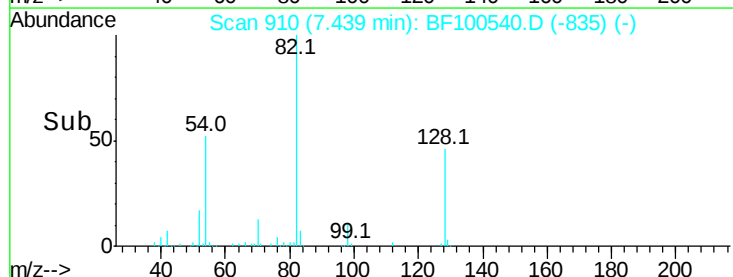
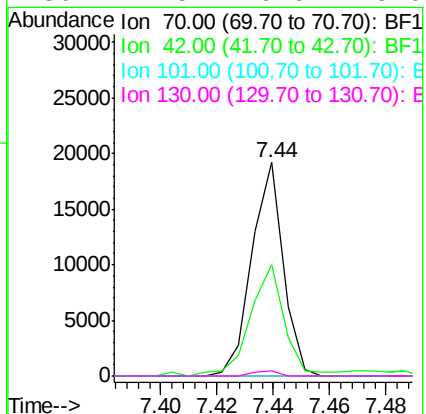
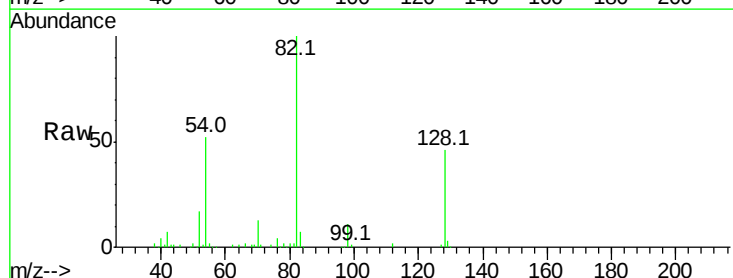
Ion Ratio Lower Upper

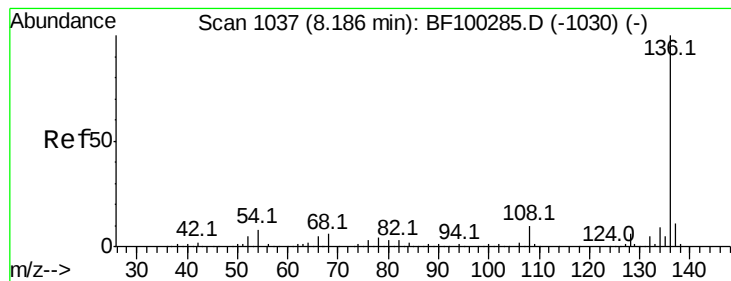
70 100

42 52.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100540.D

Acq: 14 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 491712

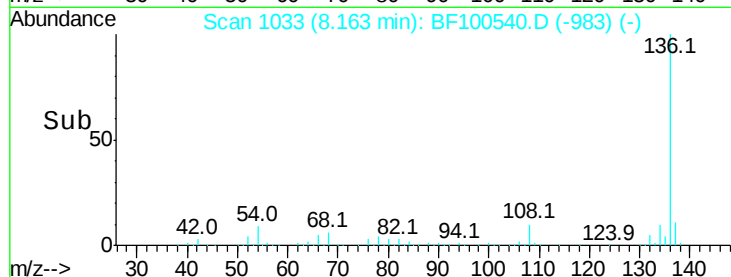
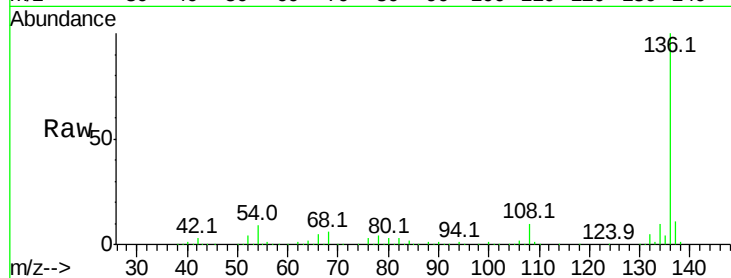
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.1 6.6 9.8

68 6.5 5.0 7.4

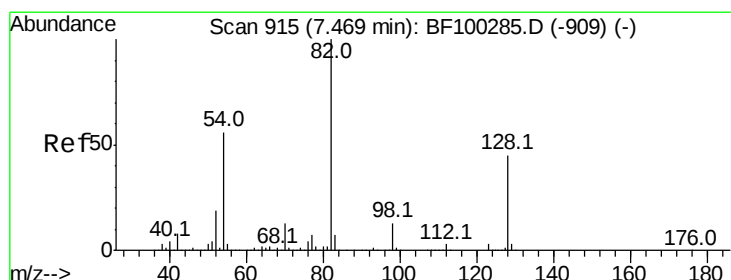
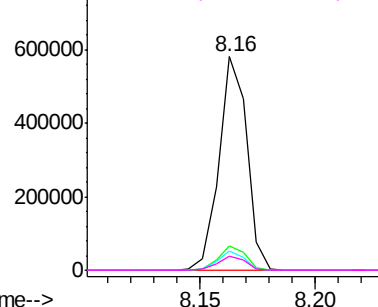


Abundance Ion 136.00 (135.70 to 136.70): E

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: 15.622 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF100540.D

Acq: 14 Nov 2017 14:10

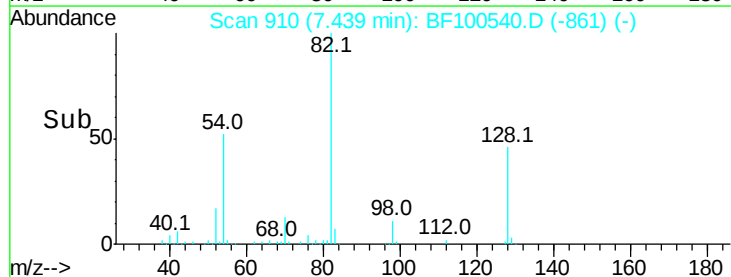
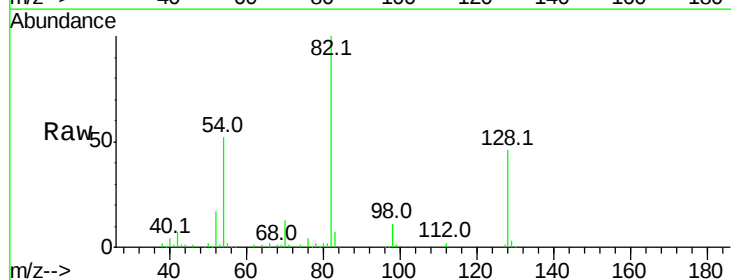
Tgt Ion: 82 Resp: 116189

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

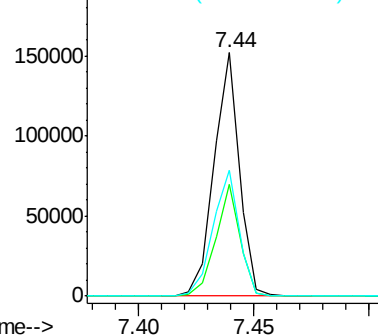
54 51.7 41.4 62.2

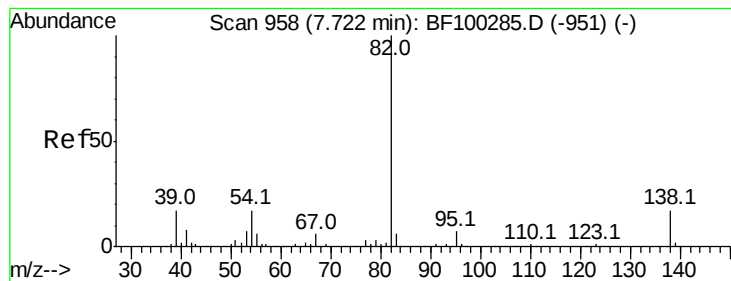


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.434 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF100540.D

Acq: 14 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

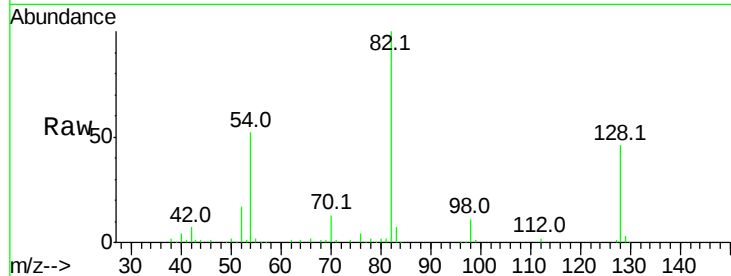
Tot Ion: 82 Resp: 116189

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

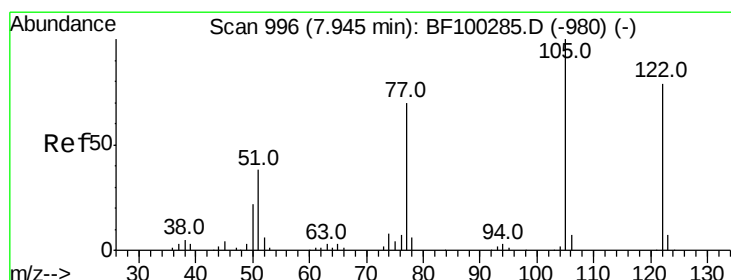
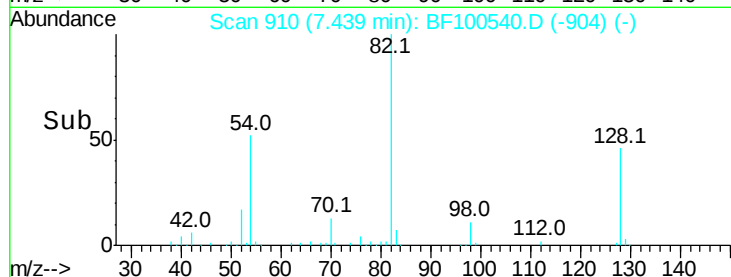
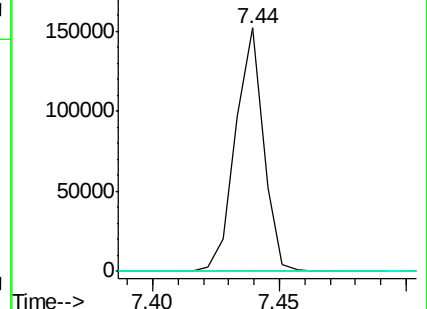
138 0.0 14.9 22.3#



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: 9.389 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.09 min

Lab File: BF100540.D

Acq: 14 Nov 2017 14:10

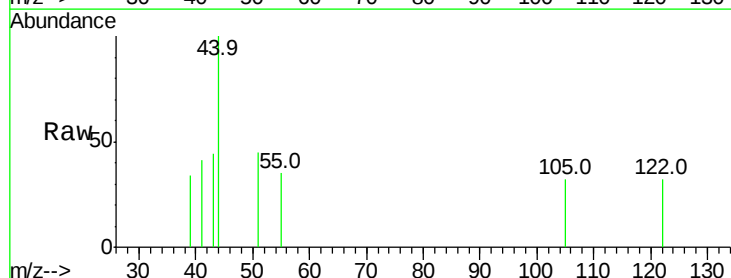
Tgt Ion: 122 Resp: 120

Ion Ratio Lower Upper

122 100

105 99.7 101.1 141.1#

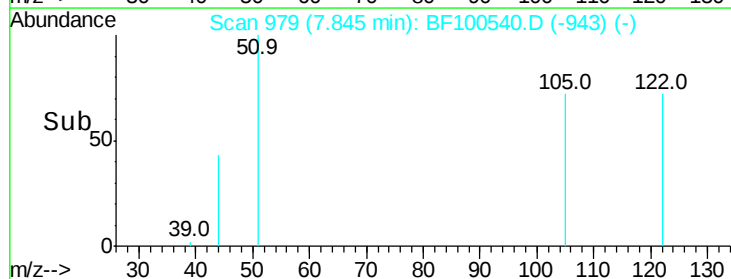
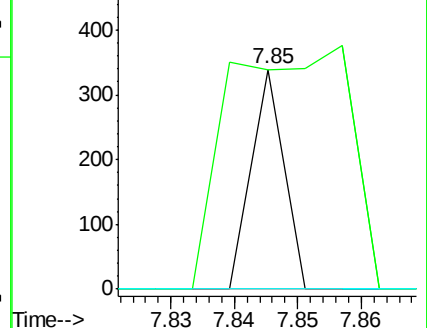
77 0.0 70.7 110.7#

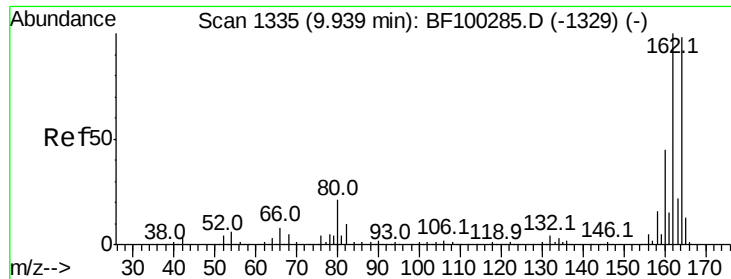


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

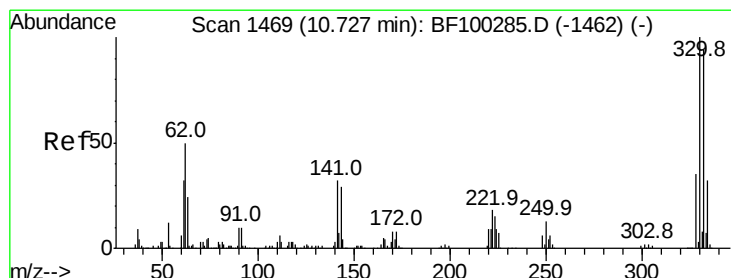
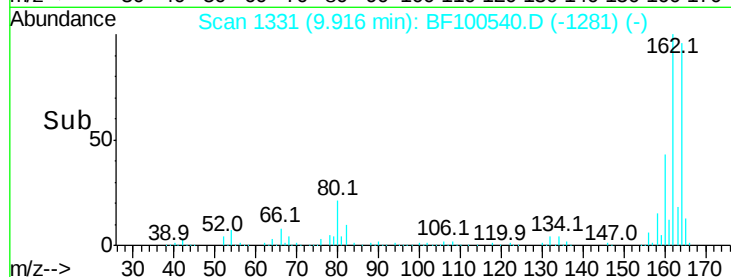
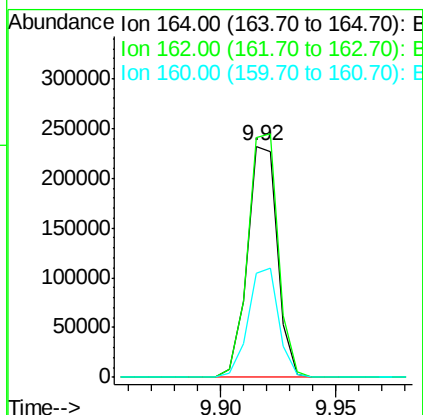
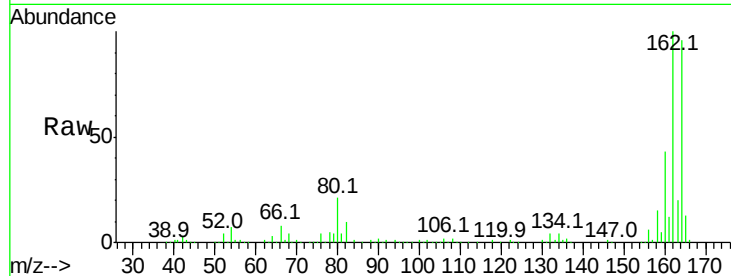




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100540.D
 Acq: 14 Nov 2017 14:10

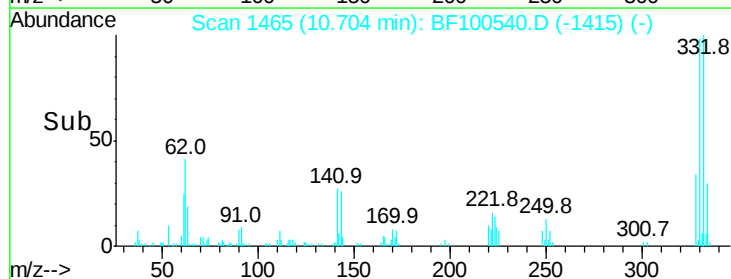
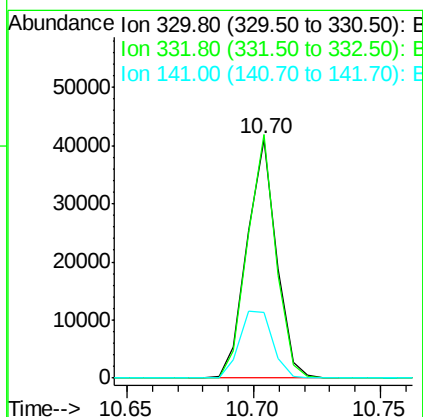
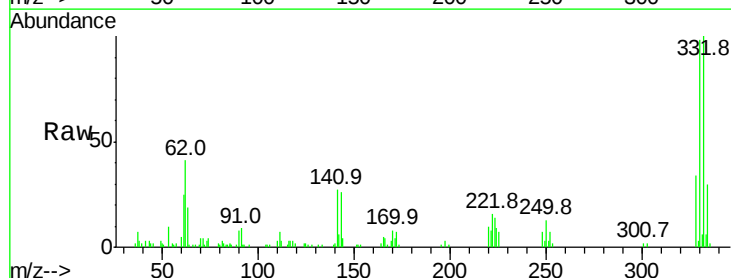
Instrument :
 BNA_F
 ClientSampleId :

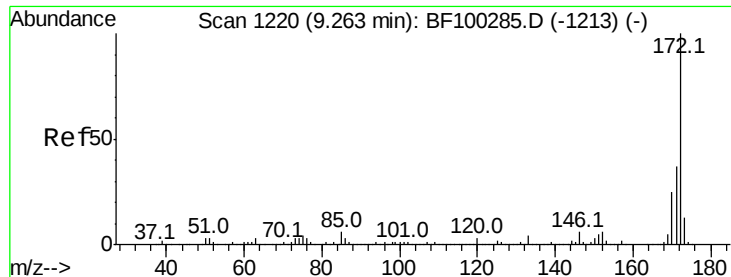
Tot Ion:164 Resp: 211664
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 44.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 15.394 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100540.D
 Acq: 14 Nov 2017 14:10

Tgt Ion:330 Resp: 33202
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 31.7 29.9 44.9

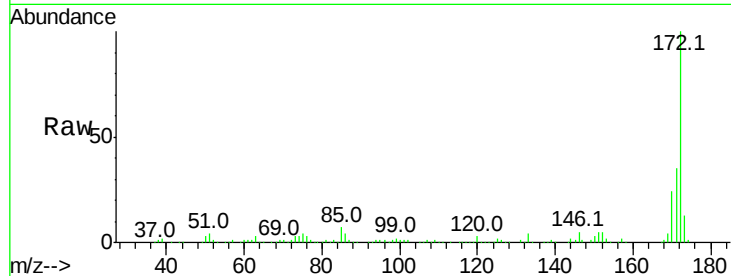




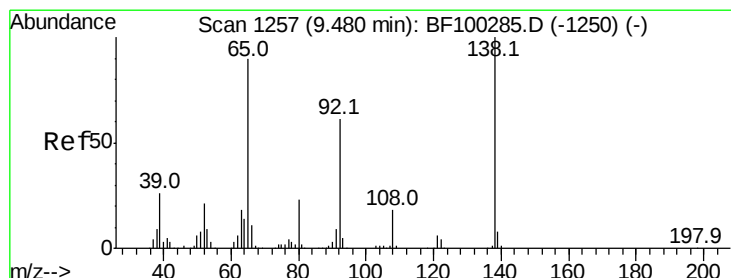
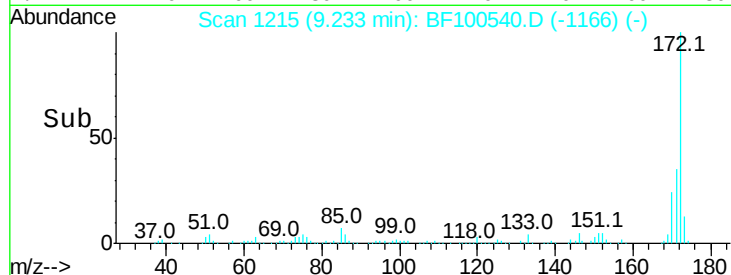
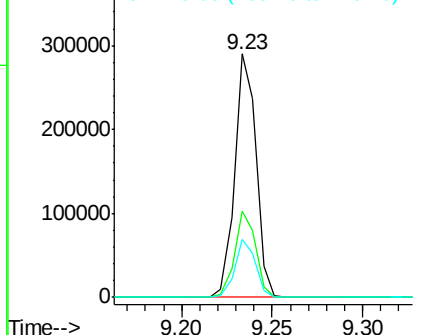
#44
 2-Fluorobiphenyl
 Concen: 17.077 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100540.D
 Acq: 14 Nov 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.8	19.6	29.4

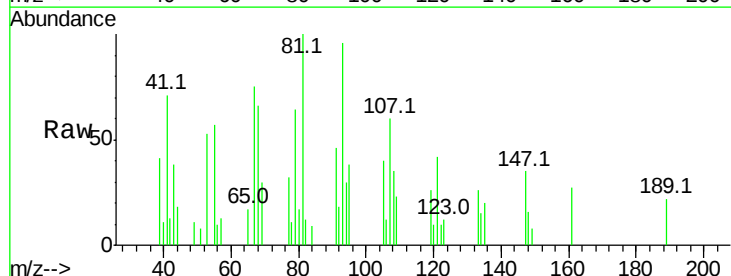


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

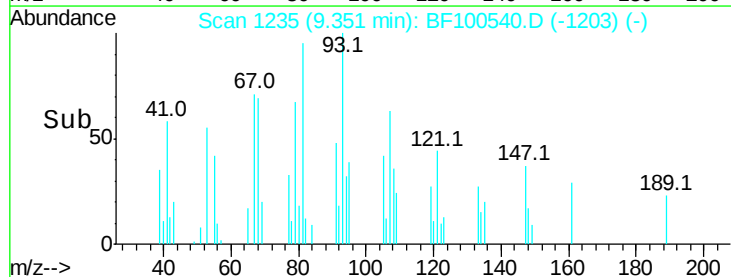
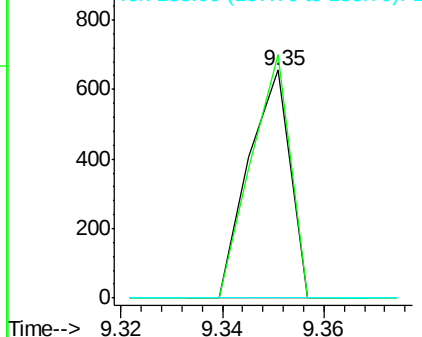


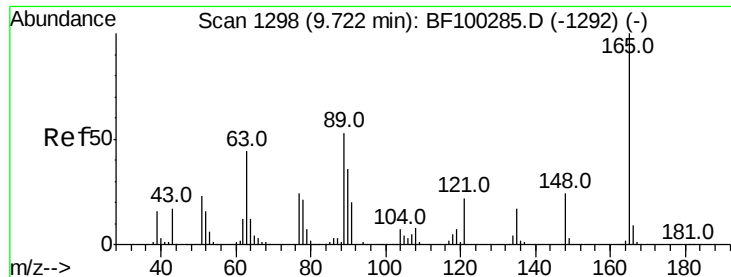
#47
 2-Nitroaniline
 Concen: 2.874 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.11 min
 Lab File: BF100540.D
 Acq: 14 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	106.7	55.8	83.6#
138	0.0	91.2	136.8#



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

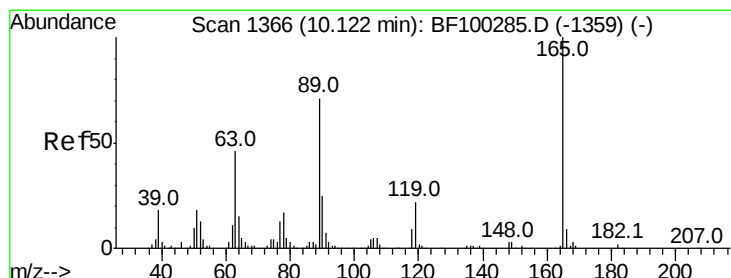
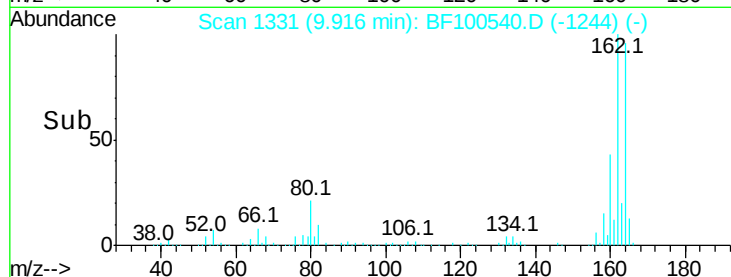
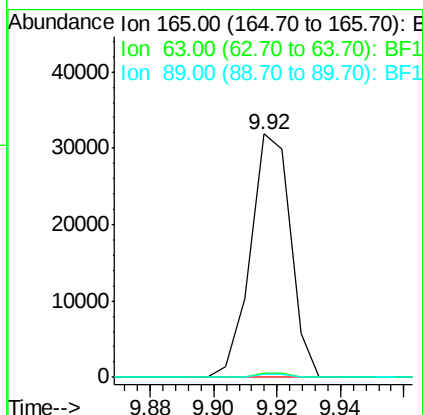
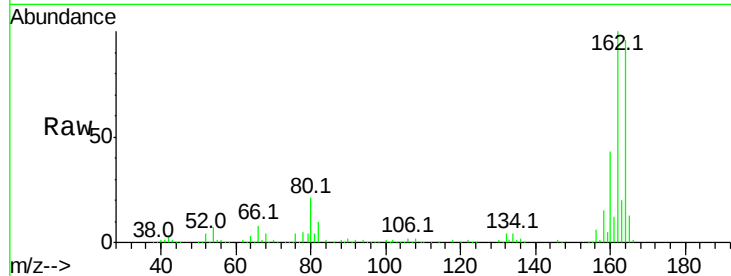




#50
2,6-Dinitrotoluene
Concen: 8.723 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100540.D
Acq: 14 Nov 2017 14:10

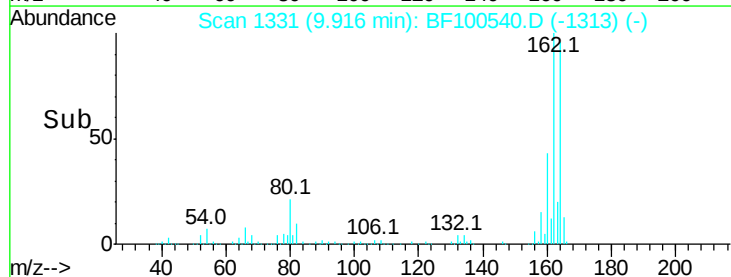
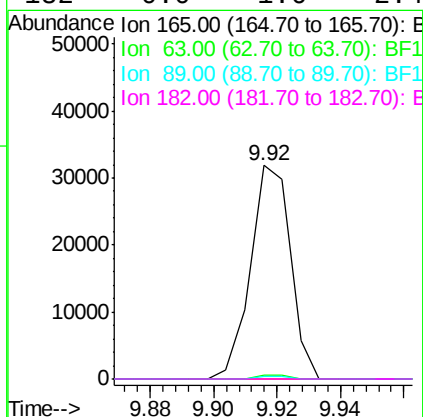
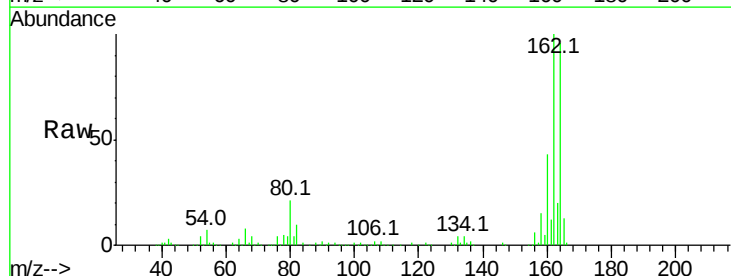
Instrument :
BNA_F
ClientSampleId :

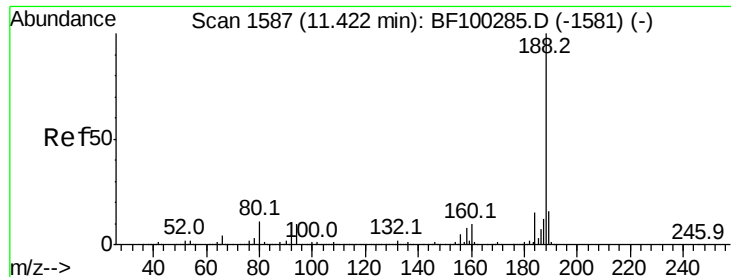
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.0	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.914 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100540.D
Acq: 14 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#

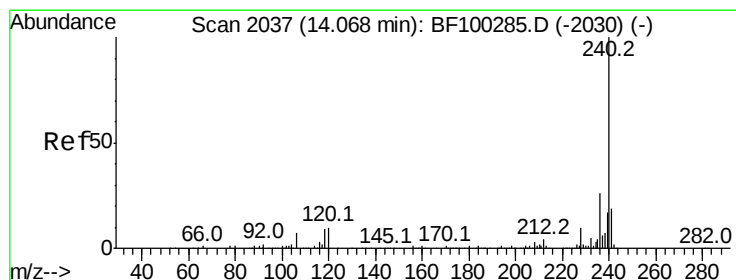
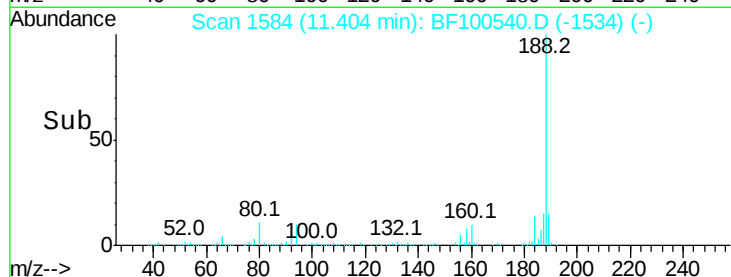
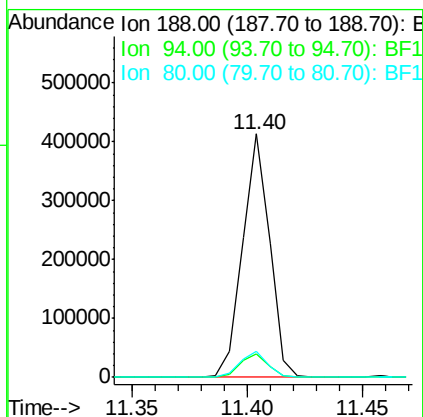
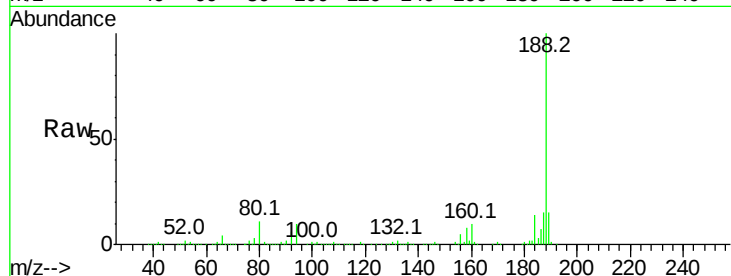




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF100540.D
 Acq: 14 Nov 2017 14:10

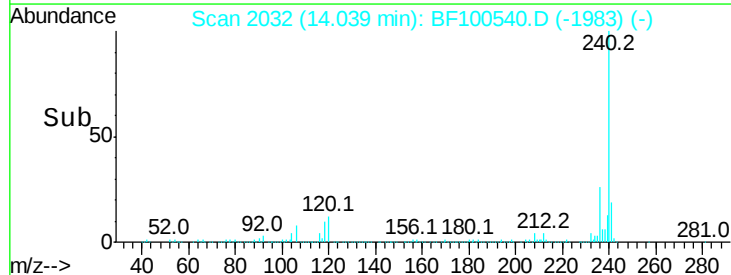
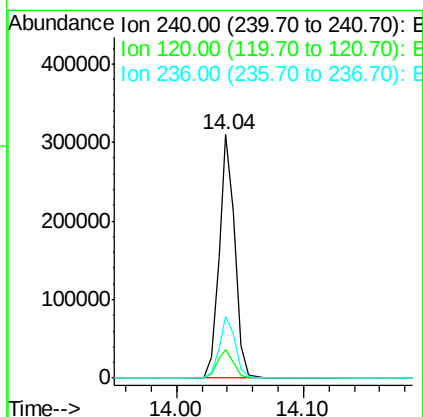
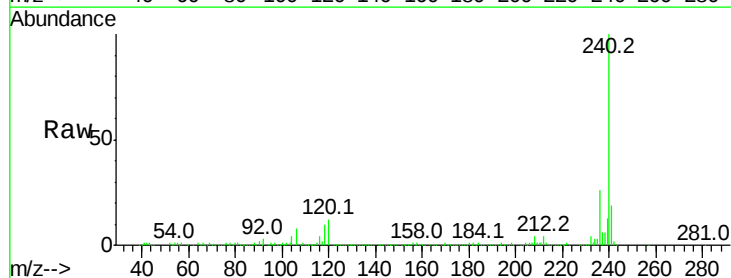
Instrument :
 BNA_F
 ClientSampleId :

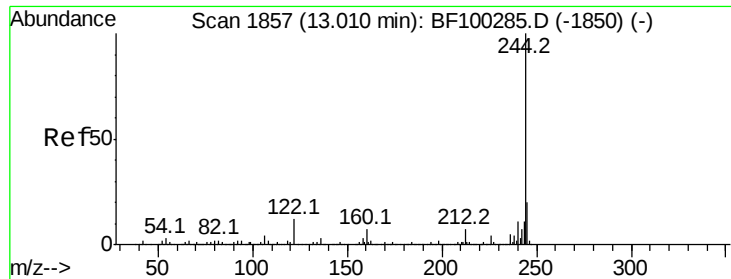
Tot Ion:188 Resp: 337230
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 10.6 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF100540.D
 Acq: 14 Nov 2017 14:10

Tgt Ion:240 Resp: 267045
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.5 14.3
 236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 13.324 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100540.D

Acq: 14 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

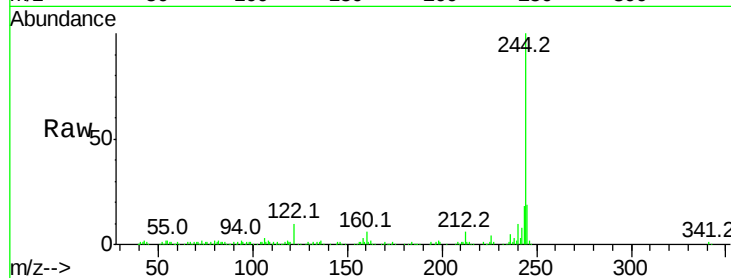
Tot Ion:244 Resp: 154853

Ion Ratio Lower Upper

244 100

212 5.9 5.4 8.0

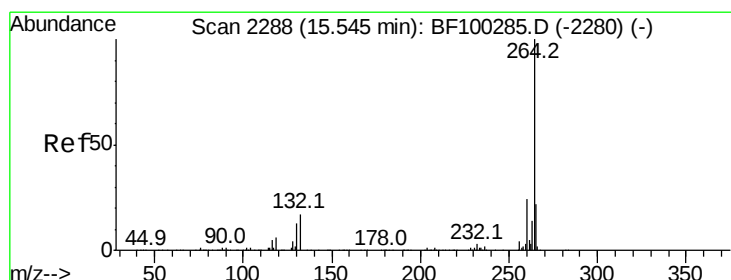
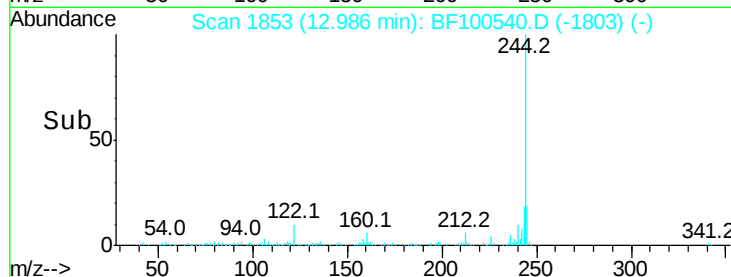
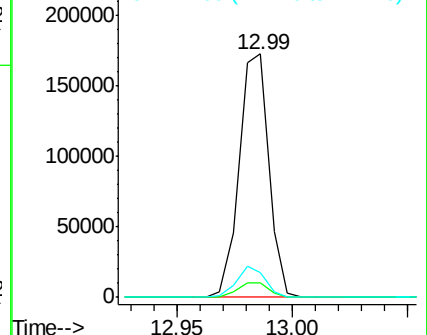
122 10.3 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF100540.D

Acq: 14 Nov 2017 14:10

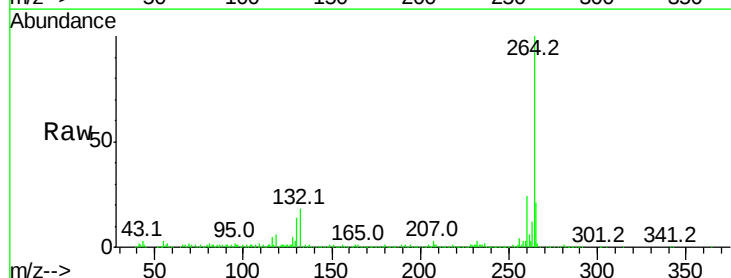
Tgt Ion:264 Resp: 225277

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.3 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

