

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100931.D
 Acq On : 28 Nov 2017 14:01
 Operator : SJ/JU
 Sample : I6299-07 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 00:35:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

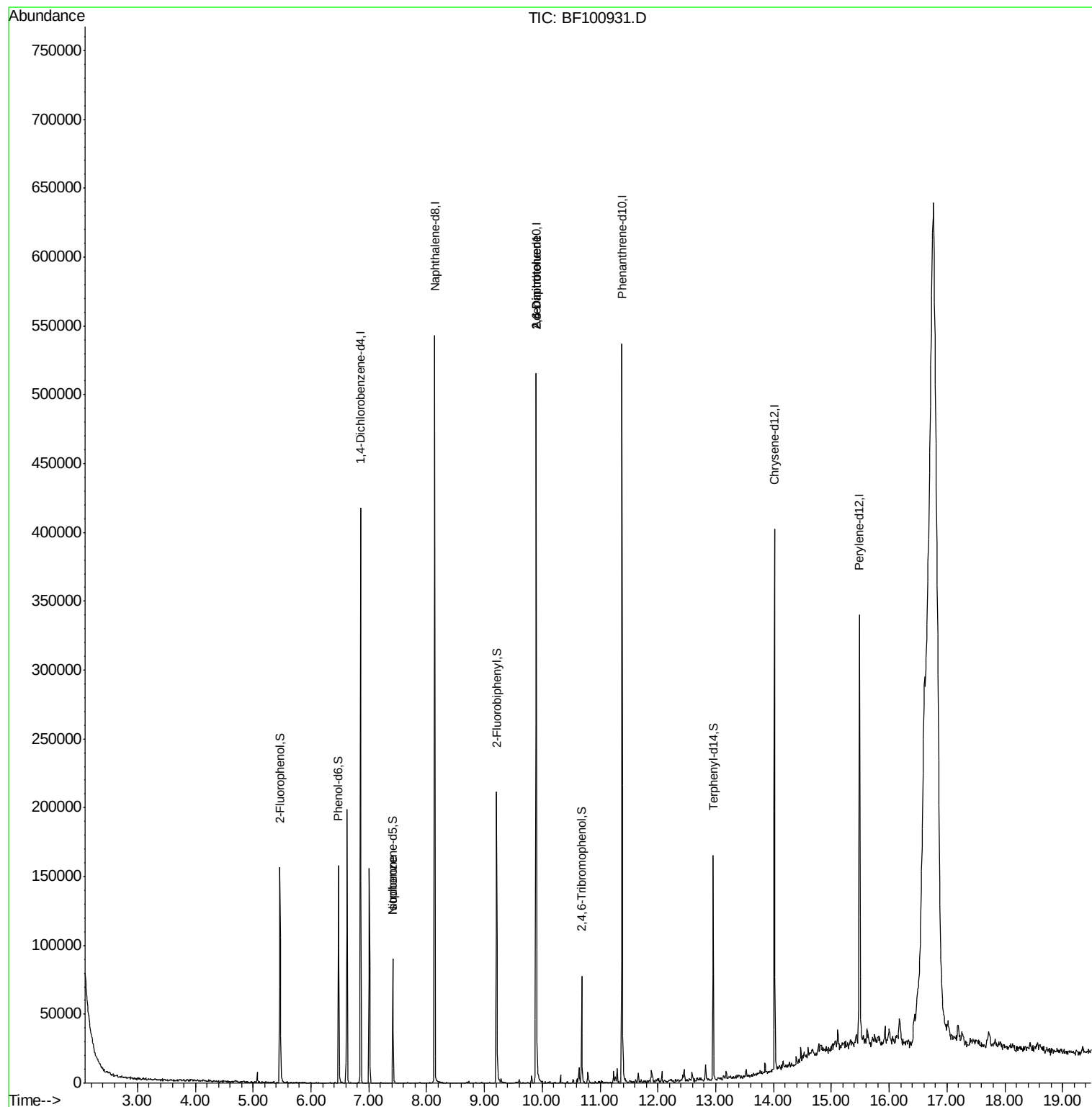
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	60808	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	238733	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	107677	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	190013	20.00	ng	0.00
75) Chrysene-d12	14.02	240	135151	20.00	ng	-0.01
86) Perylene-d12	15.49	264	148014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	42464	11.19	ng	-0.01
7) Phenol-d6	6.47	99	49323	10.54	ng	-0.02
23) Nitrobenzene-d5	7.42	82	26676	7.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	11156	10.17	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	70305	9.94	ng	0.00
78) Terphenyl-d14	12.96	244	54550	9.27	ng	-0.01
Target Compounds						
25) Isophorone	7.42	82	26676	3.515	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	13576	8.342	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	13576	6.613	ng	# 21

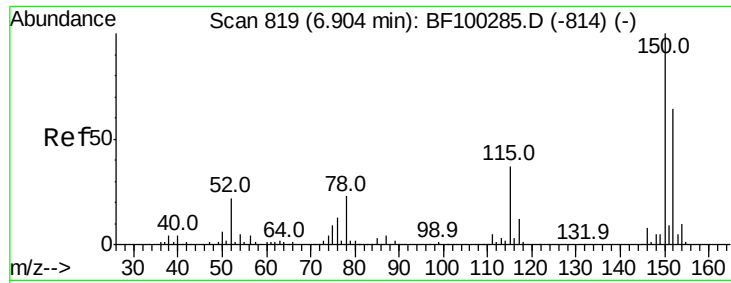
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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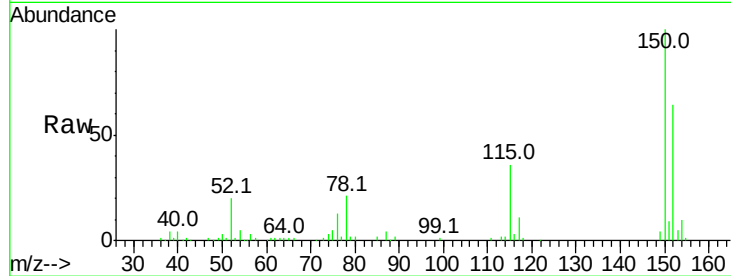


#1

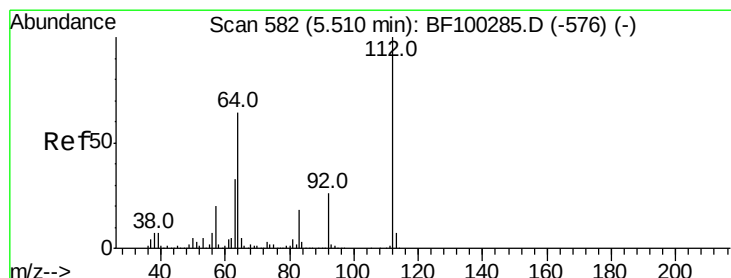
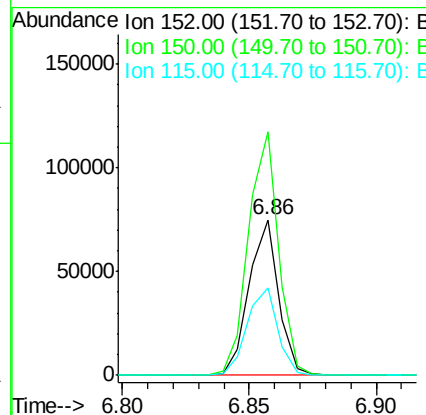
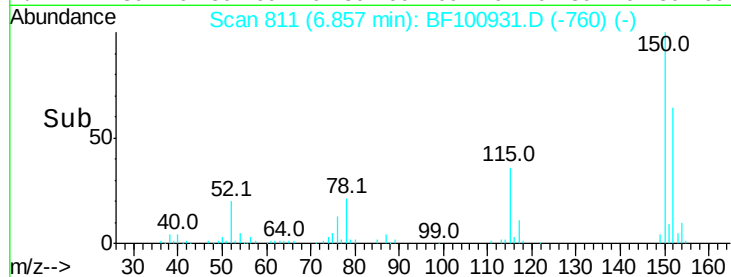
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100931.D
Acq: 28 Nov 2017 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 60808
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 56.3 50.1 75.1



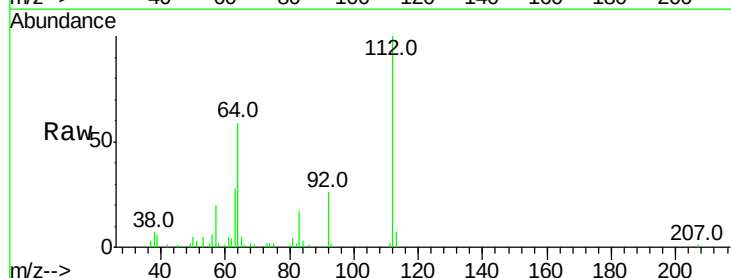
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



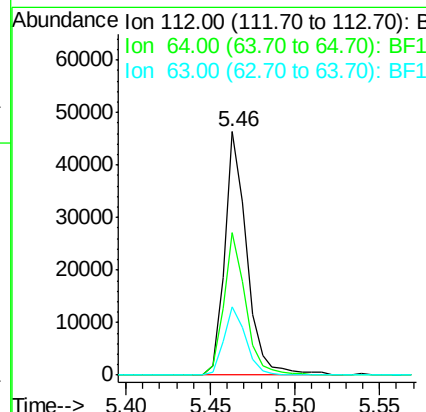
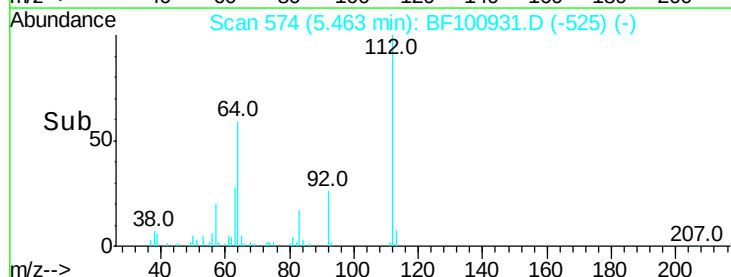
#5

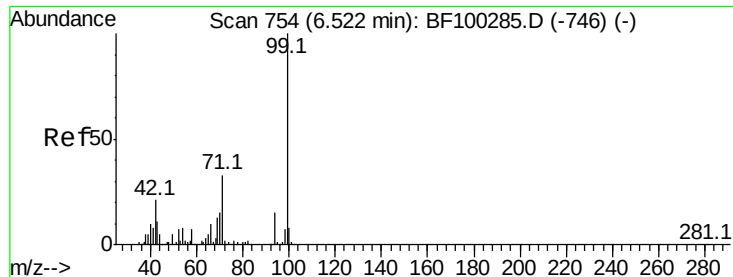
2-Fluorophenol
Concen: 11.194 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF100931.D
Acq: 28 Nov 2017 14:01

Tgt Ion:112 Resp: 42464
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 27.9 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: 10.544 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF100931.D

Acq: 28 Nov 2017 14:01

Instrument :

BNA_F

ClientSampleId :

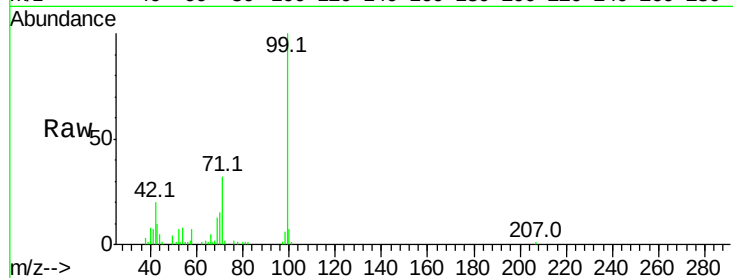
Tot Ion: 99 Resp: 49323

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

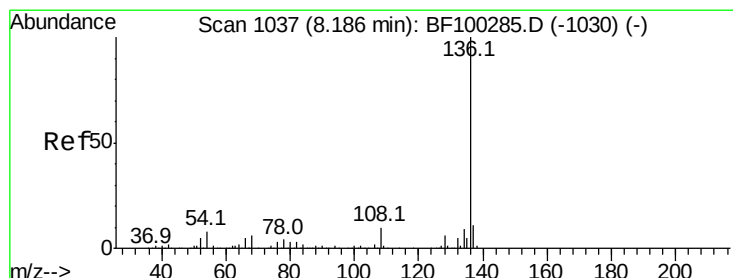
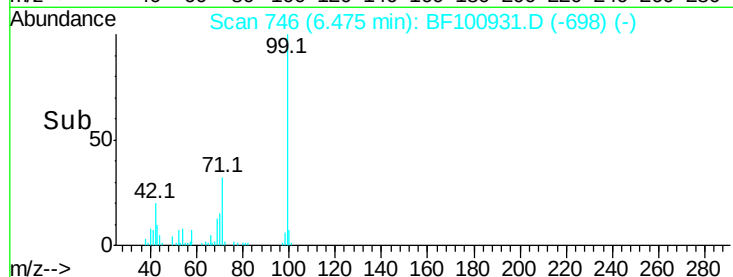
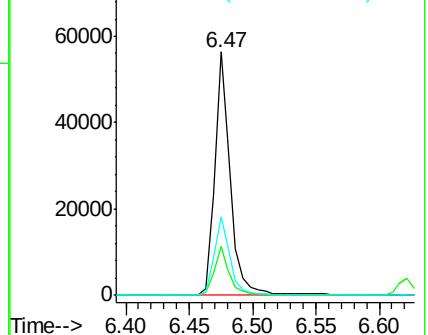
71 32.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF100931.D

Acq: 28 Nov 2017 14:01

Tgt Ion: 136 Resp: 238733

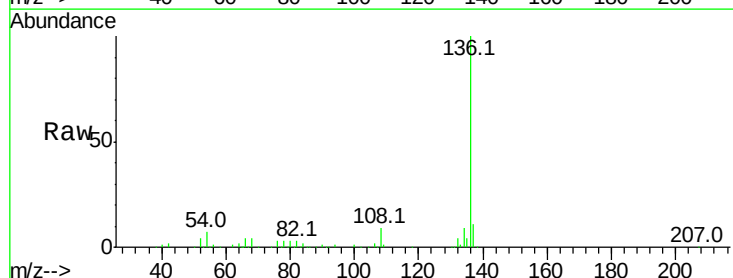
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 4.4 5.0 7.4#

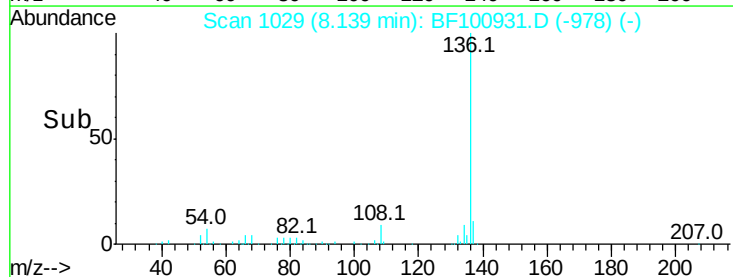
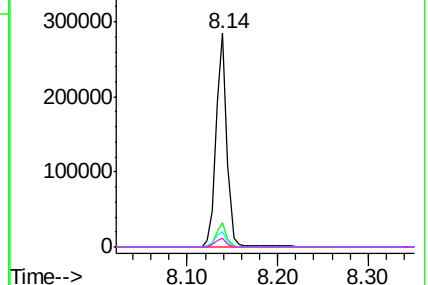


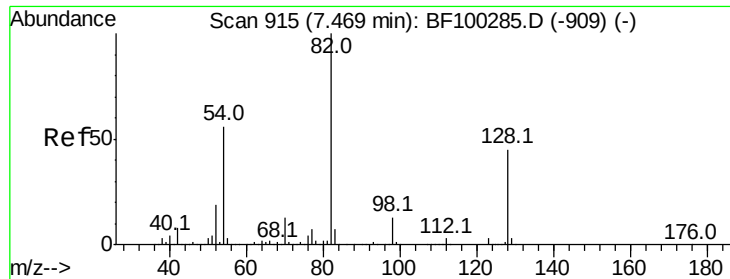
Abundance Ion 136.00 (135.70 to 136.70): E

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

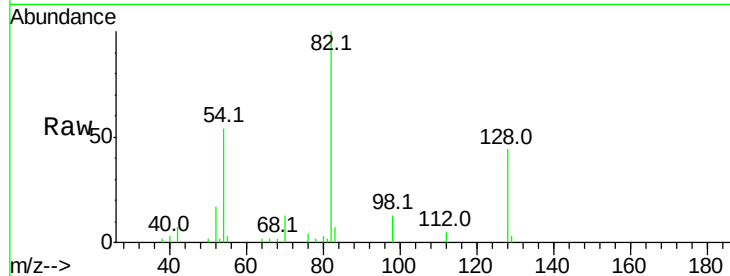




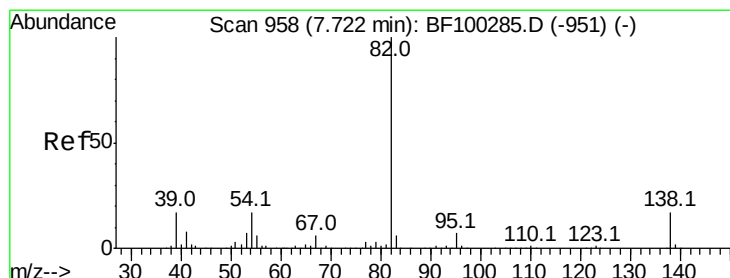
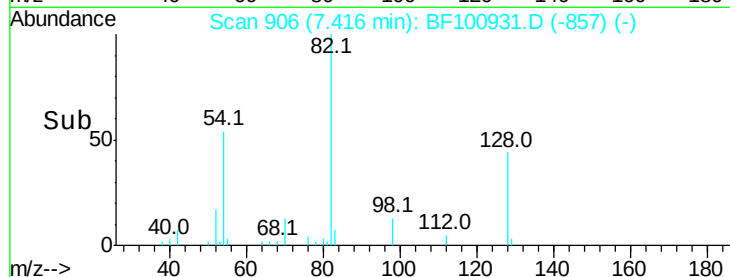
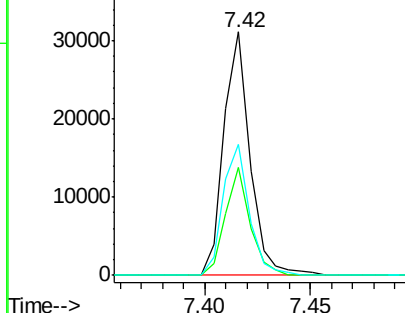
#23
Nitrobenzene-d5
Concen: 7.387 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF100931.D
Acq: 28 Nov 2017 14:01

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 26676
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 53.5 41.4 62.2

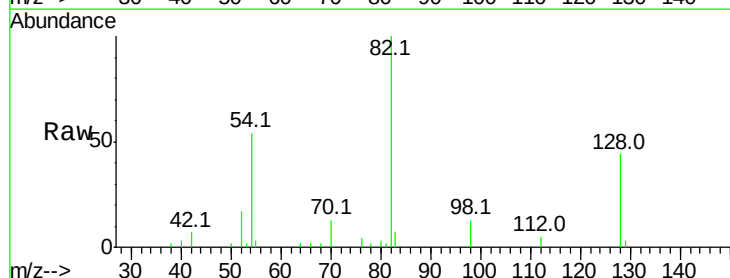


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

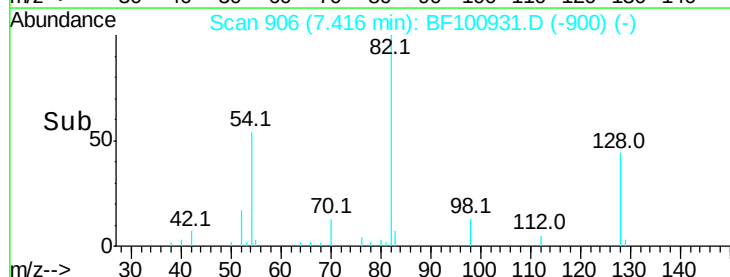
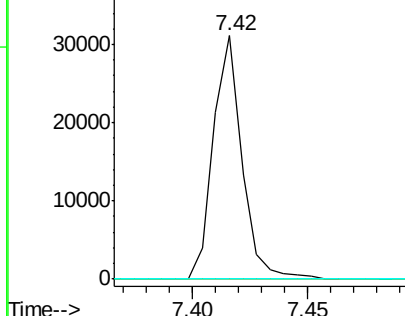


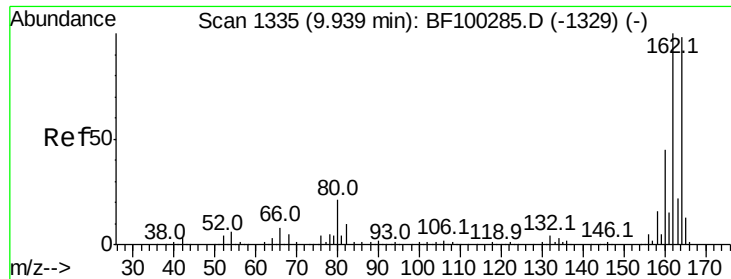
#25
Isophorone
Concen: 3.515 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF100931.D
Acq: 28 Nov 2017 14:01

Tgt Ion: 82 Resp: 26676
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

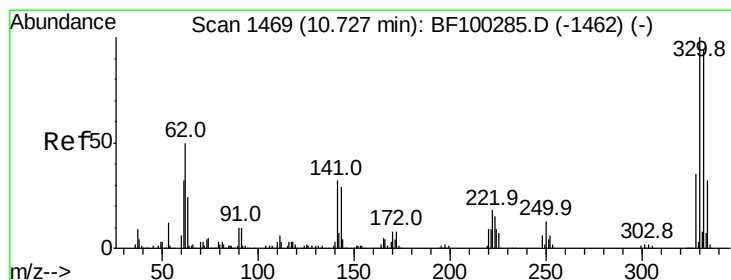
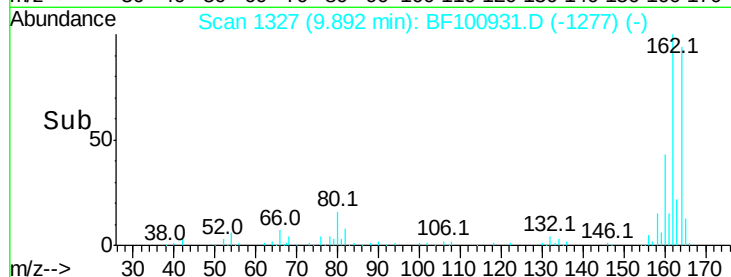
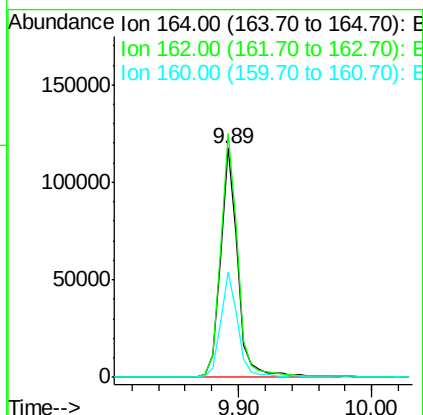
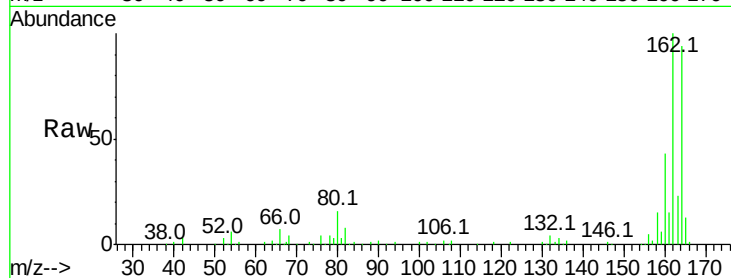




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100931.D
 Acq: 28 Nov 2017 14:01

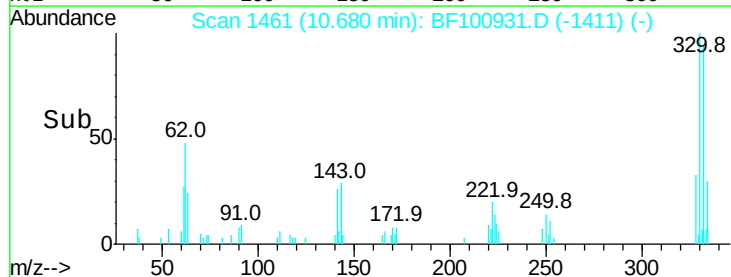
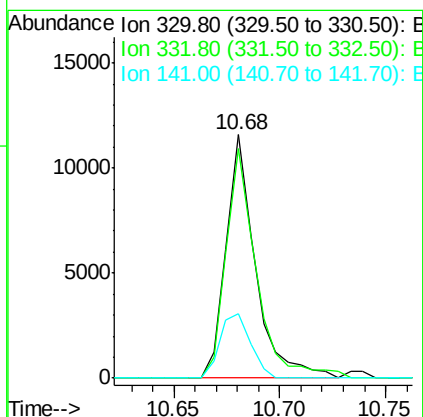
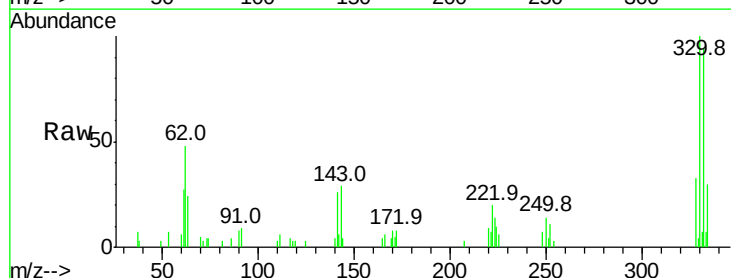
Instrument :
 BNA_F
 ClientSampleId :

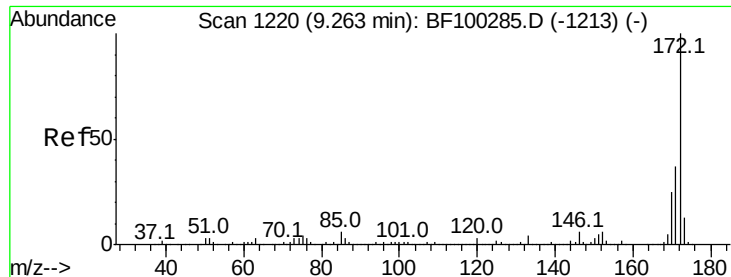
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	45.8	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 10.167 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100931.D
 Acq: 28 Nov 2017 14:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	27.4	29.9	44.9#

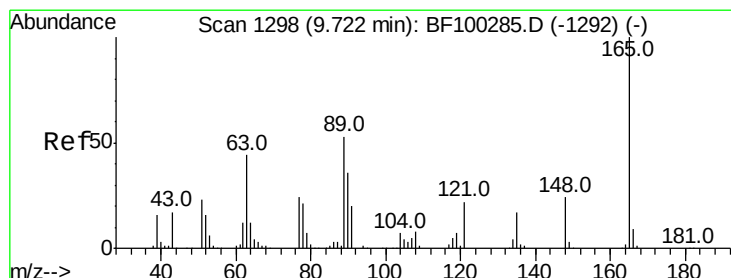
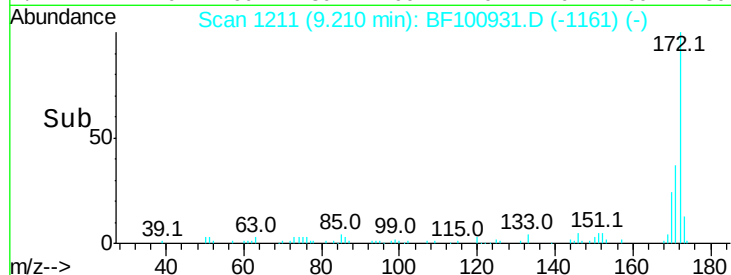
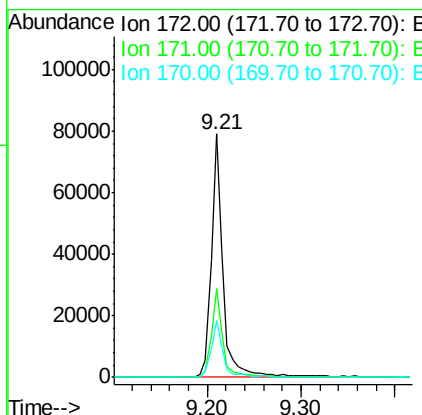
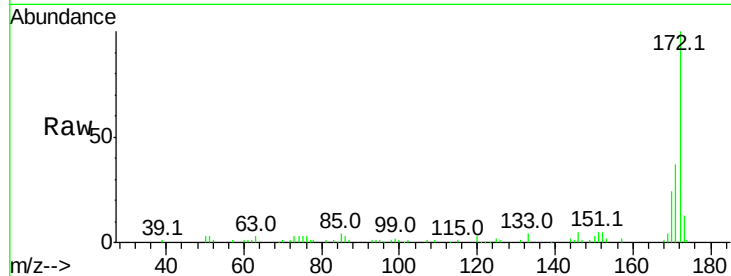




#44
 2-Fluorobiphenyl
 Concen: 9.942 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF100931.D
 Acq: 28 Nov 2017 14:01

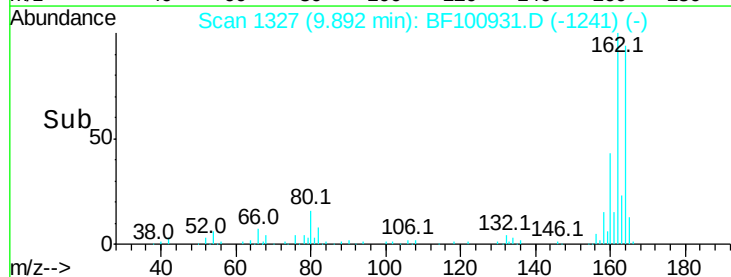
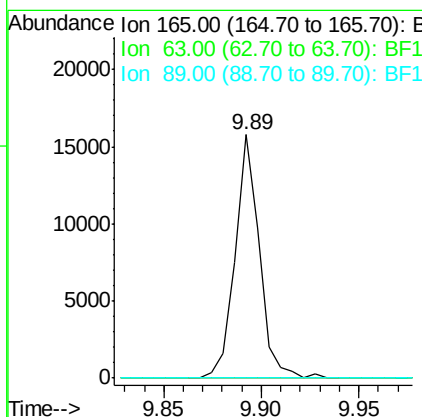
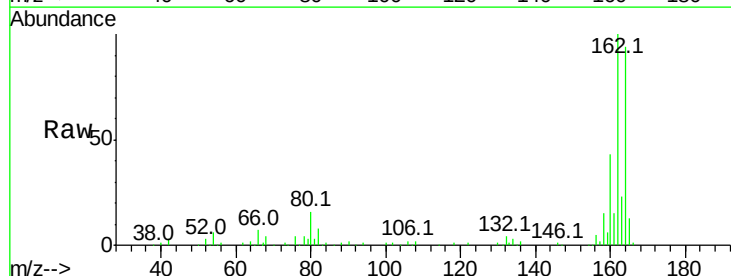
Instrument :
 BNA_F
 ClientSampleId :

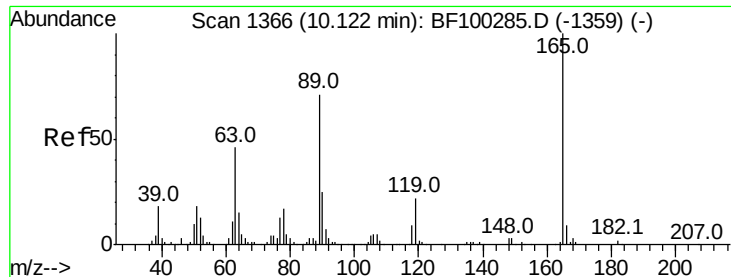
Tot Ion:172 Resp: 70305
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.5 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 8.342 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF100931.D
 Acq: 28 Nov 2017 14:01

Tgt Ion:165 Resp: 13576
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

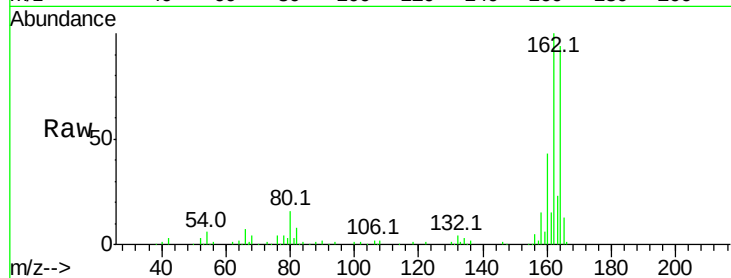




#56
 2,4-Dinitrotoluene
 Concen: 6.613 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100931.D
 Acq: 28 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampled :

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

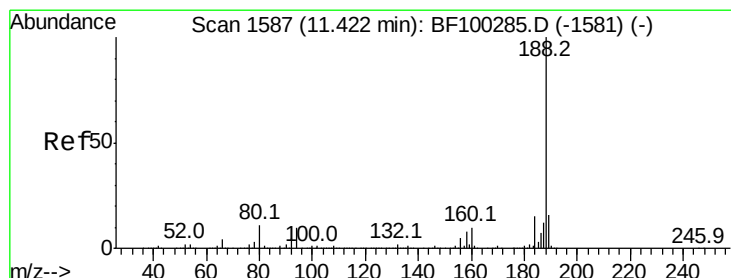
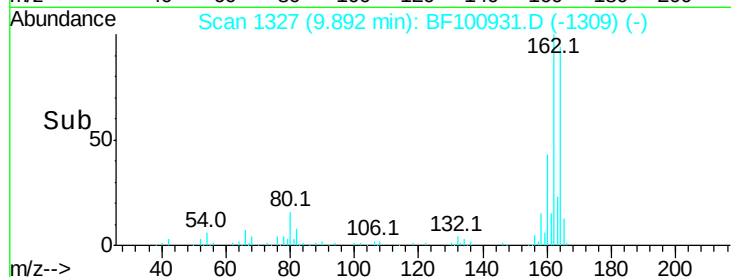
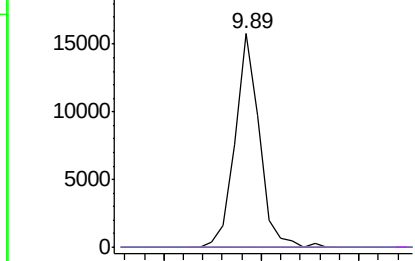


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

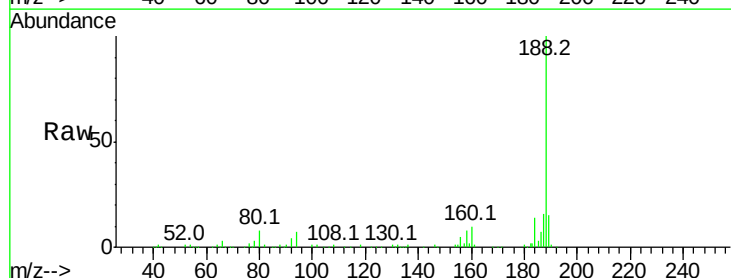
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BF100931.D
 Acq: 28 Nov 2017 14:01

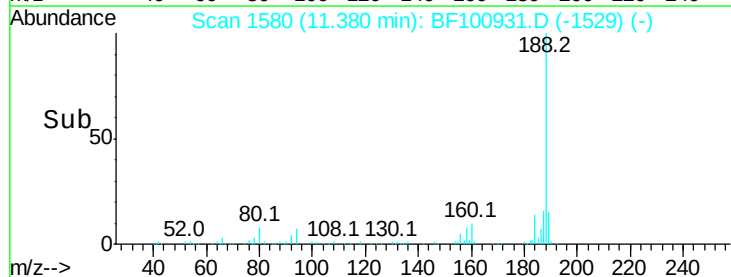
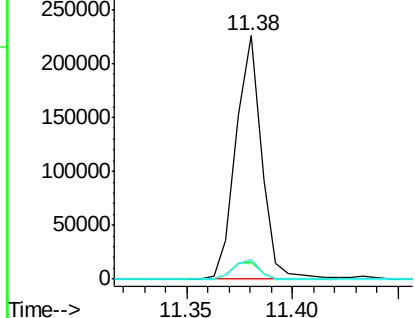
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.5	12.7#
80	8.2	9.2	13.8#

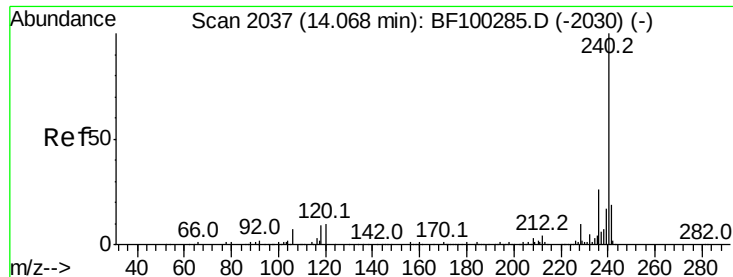


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF100931.D

Acq: 28 Nov 2017 14:01

Instrument :

BNA_F

ClientSampleId :

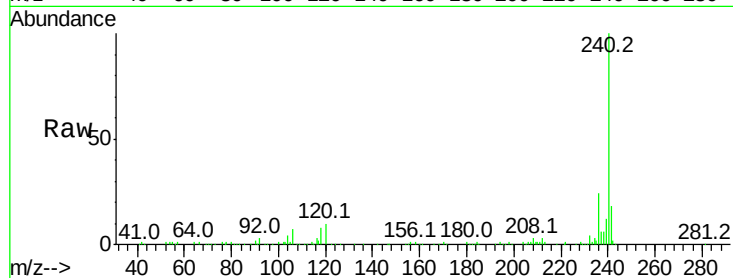
Tot Ion:240 Resp: 135151

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	23.7	20.7	31.1

240 100

120 10.0 9.5 14.3

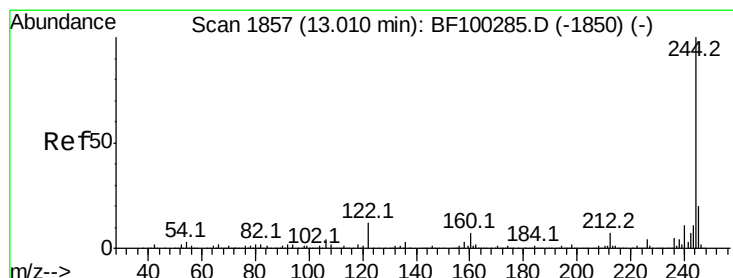
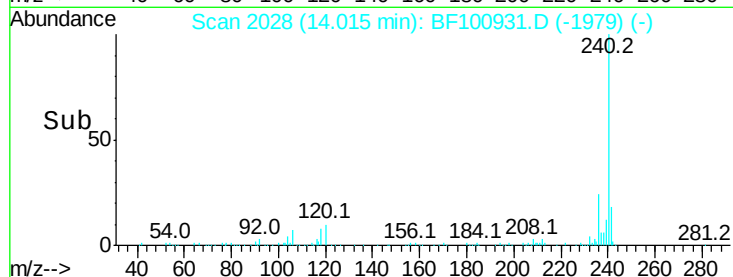
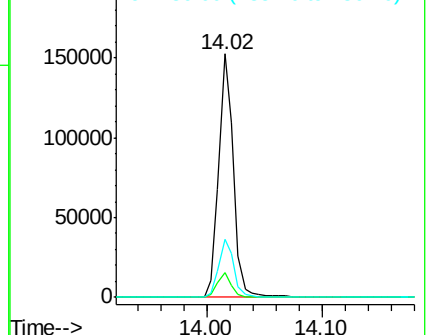
236 23.7 20.7 31.1



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: 9.274 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF100931.D

Acq: 28 Nov 2017 14:01

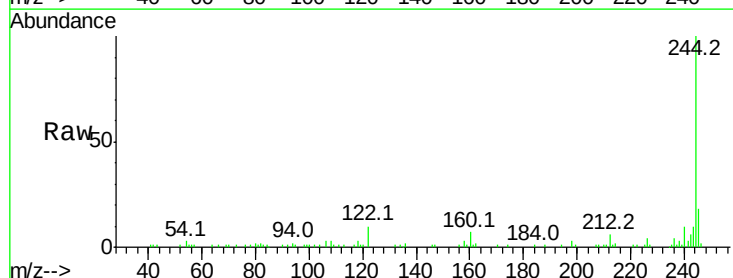
Tgt Ion:244 Resp: 54550

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	10.5	11.0	16.4

244 100

212 6.3 5.4 8.0

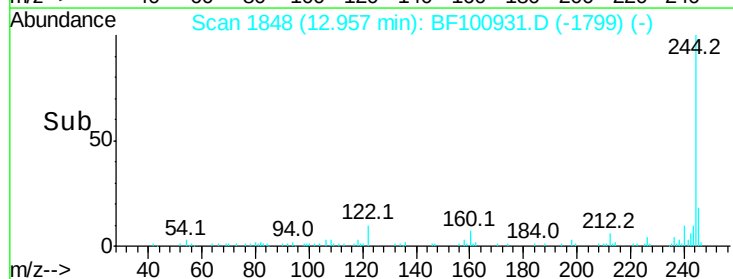
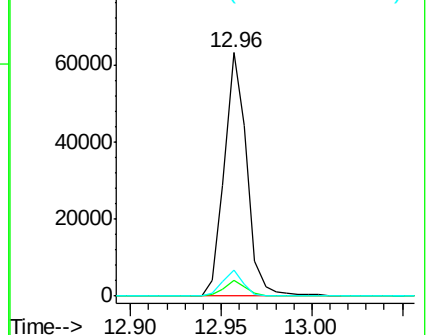
122 10.5 11.0 16.4#

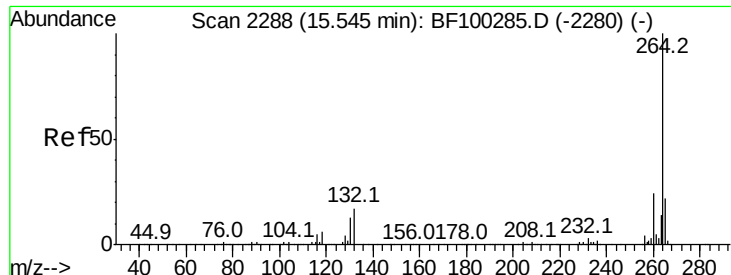


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

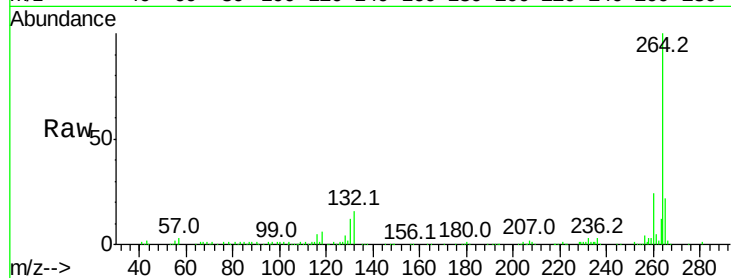




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF100931.D
 Acq: 28 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	148014
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	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

