

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100715.D
 Acq On : 18 Nov 2017 11:44
 Operator : SJ/JU
 Sample : I6304-15
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-B

Quant Time: Nov 20 04:05:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

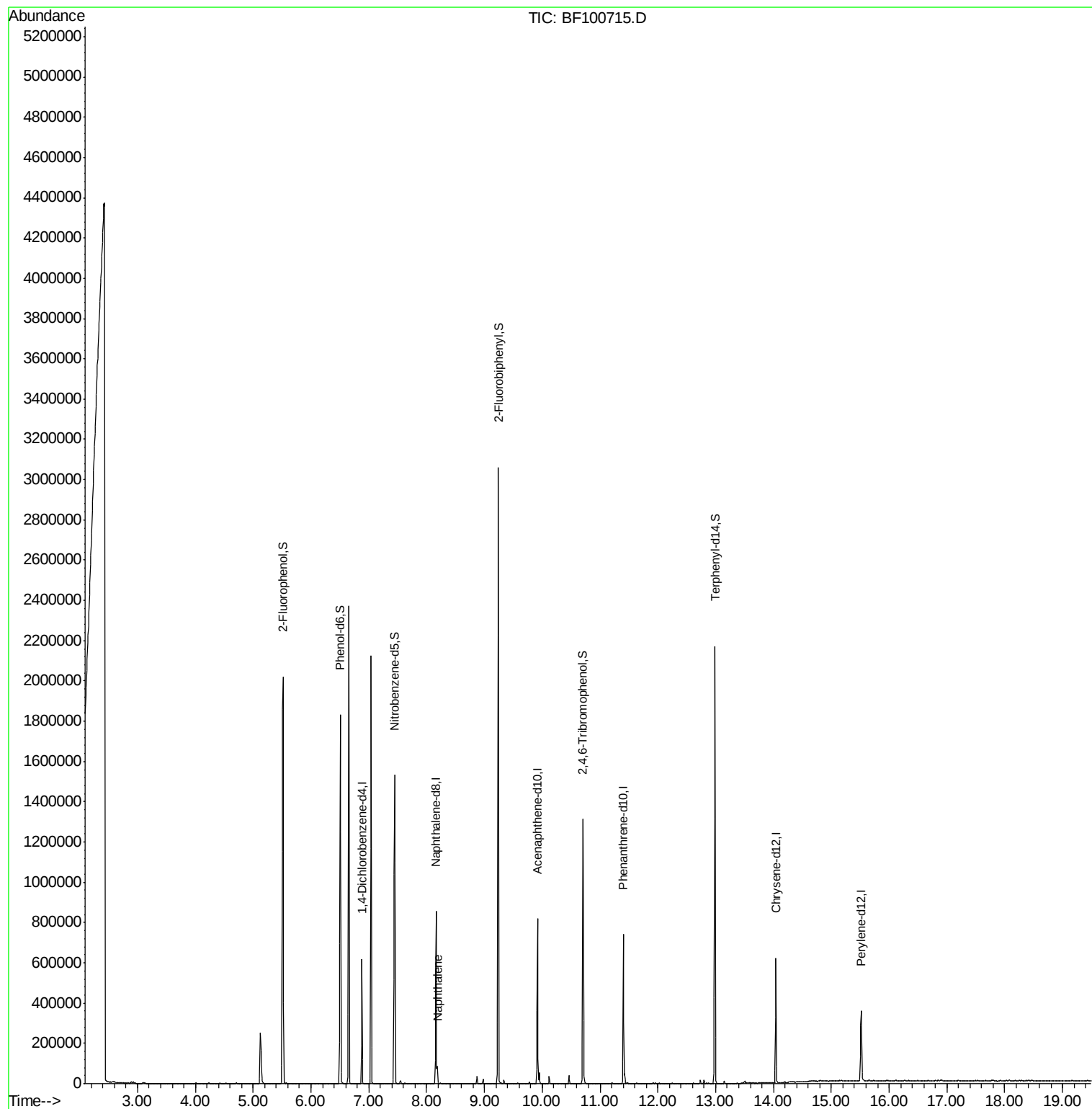
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	96289	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	366339	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	155319	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	250007	20.00	ng	0.00
75) Chrysene-d12	14.04	240	209422	20.00	ng	0.00
86) Perylene-d12	15.52	264	176877	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	629315	104.77	ng	0.02
7) Phenol-d6	6.51	99	686252	92.65	ng	0.00
23) Nitrobenzene-d5	7.45	82	534451	96.45	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	190115	120.12	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1023615	100.35	ng	0.00
78) Terphenyl-d14	12.99	244	812442	89.14	ng	0.00
Target Compounds						
31) Naphthalene	8.19	128	37895	2.148	ng	Qvalue 98

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

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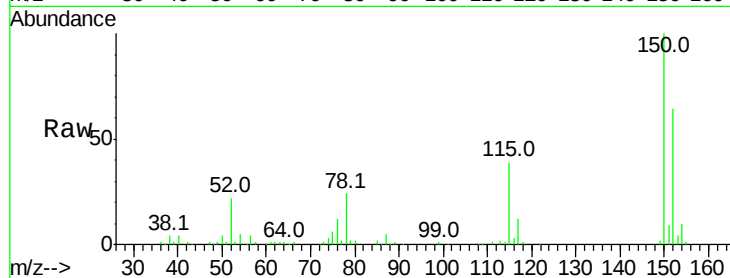


#1

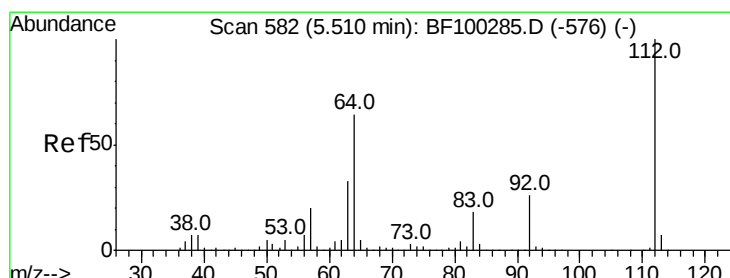
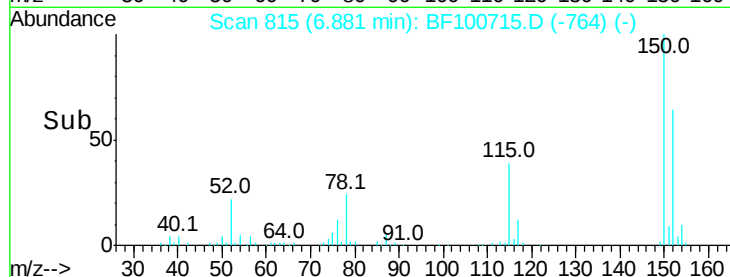
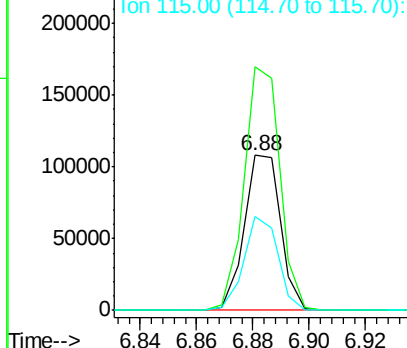
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF100715.D
Acq: 18 Nov 2017 11:44

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-B

Tot Ion:152 Resp: 96289
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 60.7 50.1 75.1



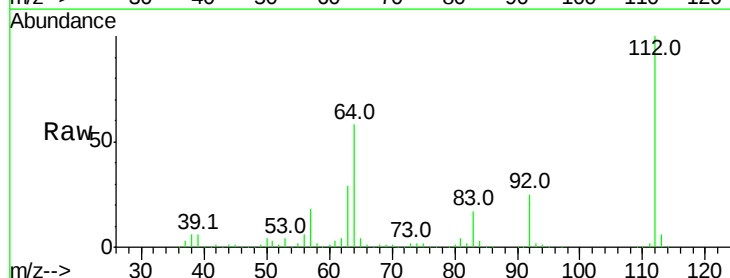
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



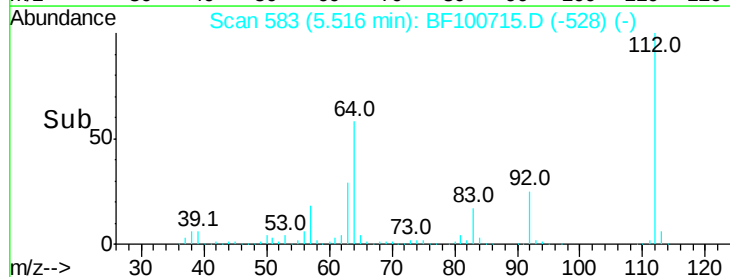
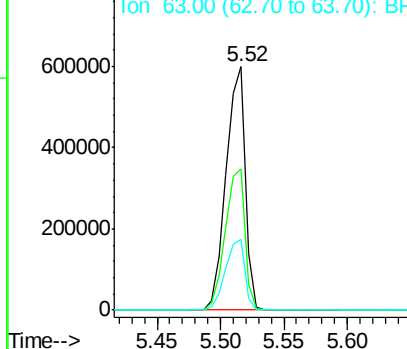
#5

2-Fluorophenol
Concen: 104.766 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF100715.D
Acq: 18 Nov 2017 11:44

Tgt Ion:112 Resp: 629315
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 29.2 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: 92.646 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100715.D

Acq: 18 Nov 2017 11:44

Instrument :

BNA_F

ClientSampleId :

CL-01-111617-B

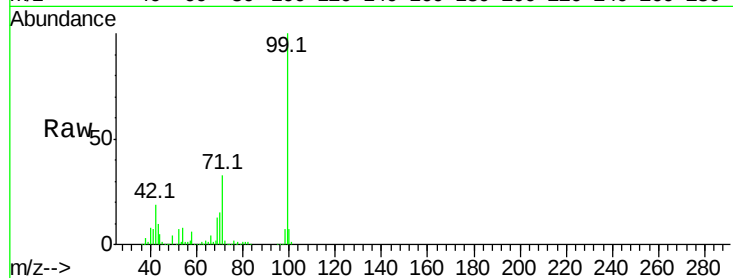
Tot Ion: 99 Resp: 686252

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

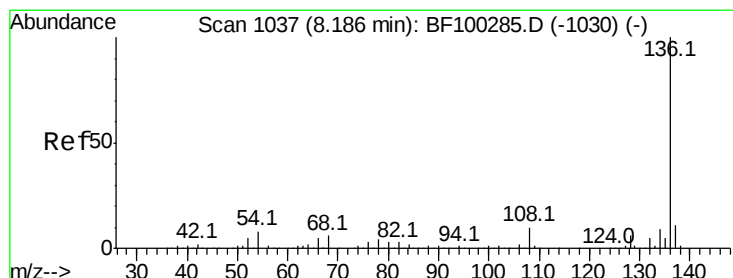
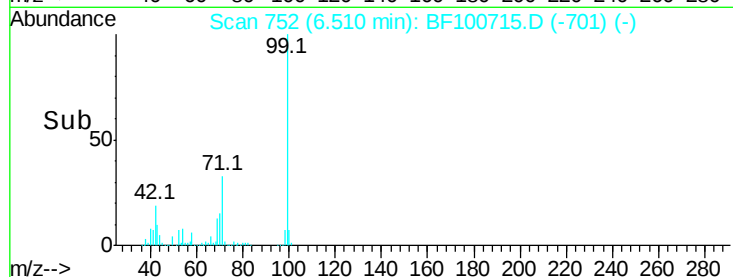
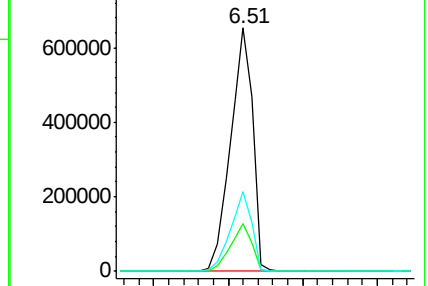
71 32.8 25.4 38.0



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100715.D

Acq: 18 Nov 2017 11:44

Tgt Ion: 136 Resp: 366339

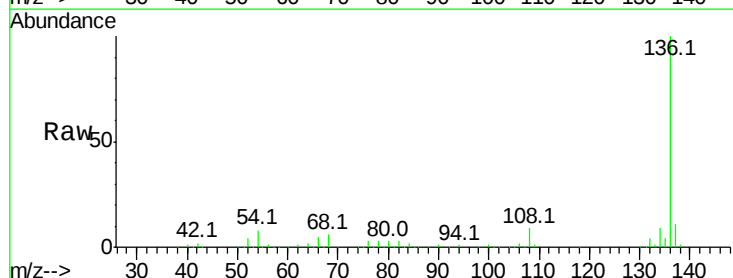
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.1 6.6 9.8

68 5.7 5.0 7.4

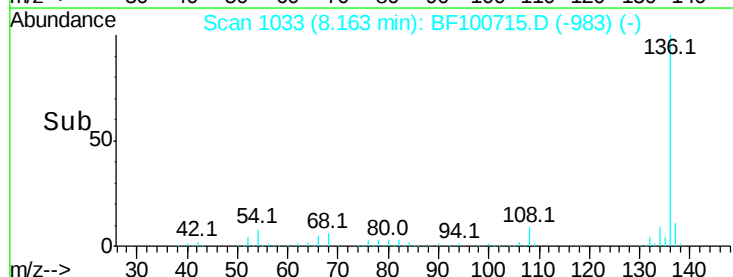
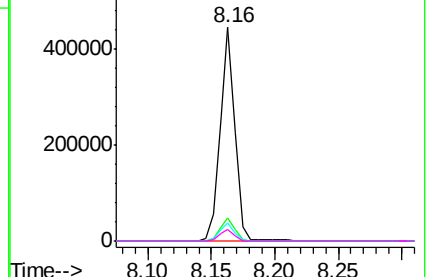


Abundance Ion 136.00 (135.70 to 136.70): E

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

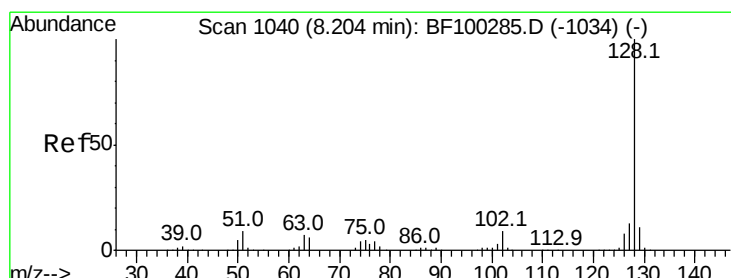
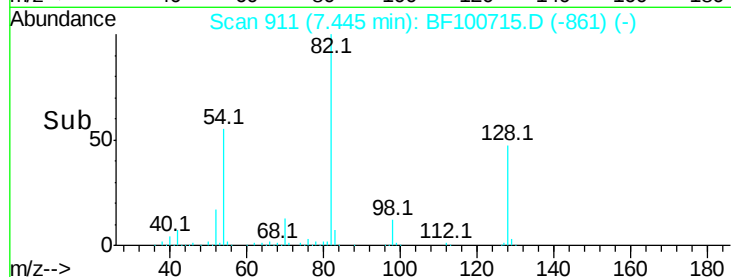
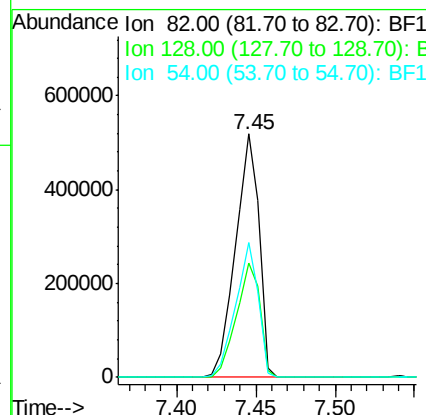
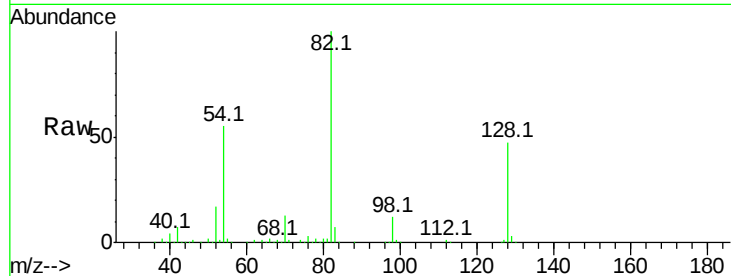




#23
Nitrobenzene-d5
Concen: 96.453 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100715.D
Acq: 18 Nov 2017 11:44

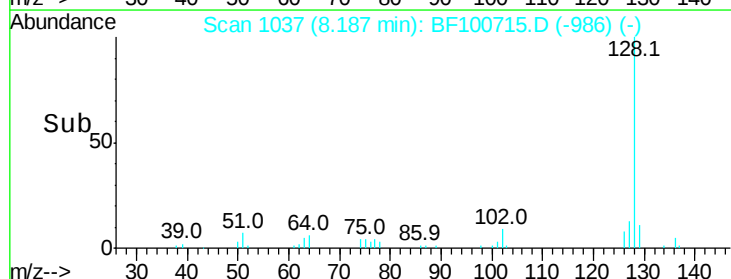
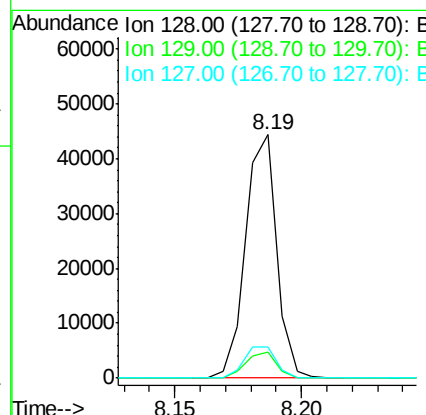
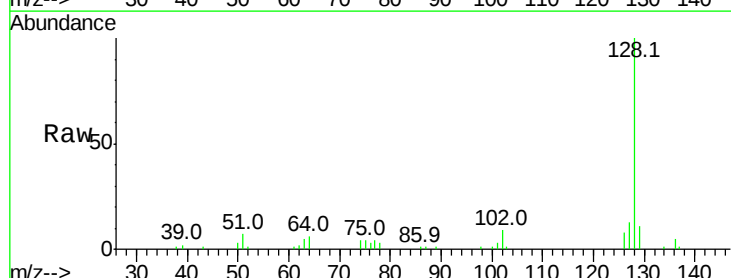
Instrument :
BNA_F
ClientSampleId :
CL-01-111617-B

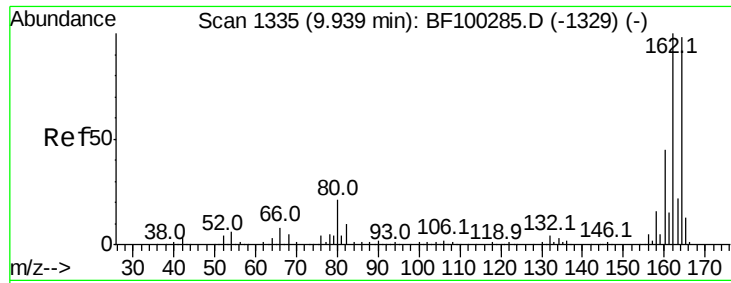
Tot Ion: 82 Resp: 534451
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 55.2 41.4 62.2



#31
Naphthalene
Concen: 2.148 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF100715.D
Acq: 18 Nov 2017 11:44

Tgt Ion: 128 Resp: 37895
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.7 10.9 16.3

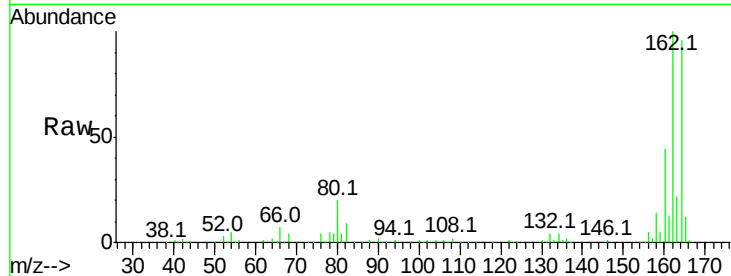




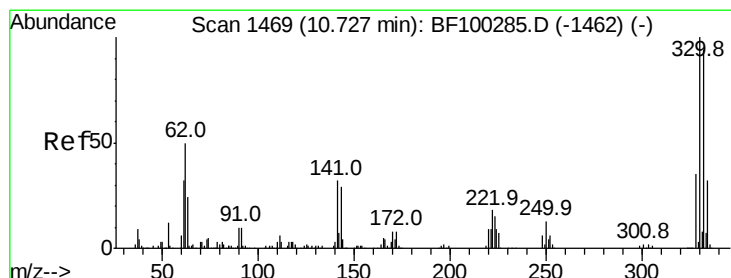
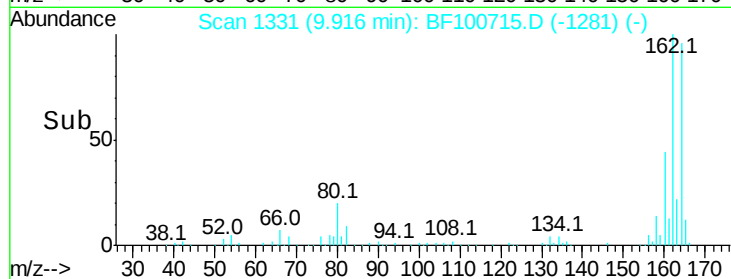
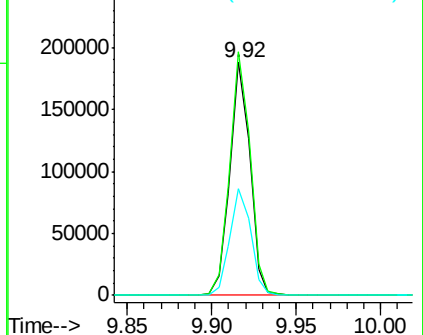
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100715.D
 Acq: 18 Nov 2017 11:44

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-B

Tot Ion:164 Resp: 155319
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 45.6 38.3 57.5

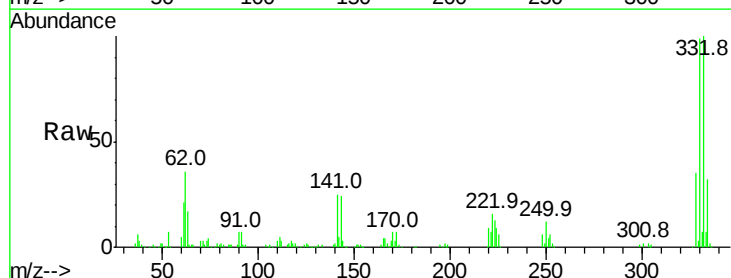


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

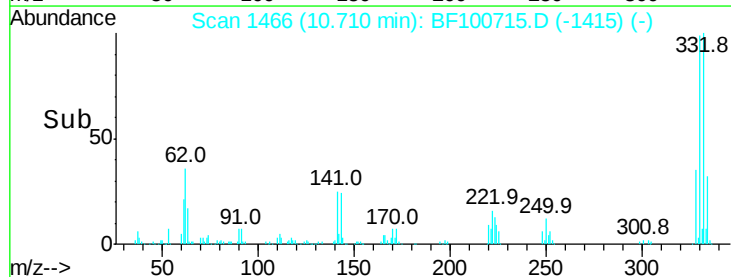
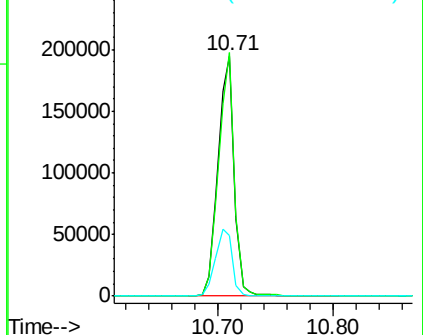


#41
 2,4,6-Tribromophenol
 Concen: 120.121 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF100715.D
 Acq: 18 Nov 2017 11:44

Tgt Ion:330 Resp: 190115
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 29.0 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



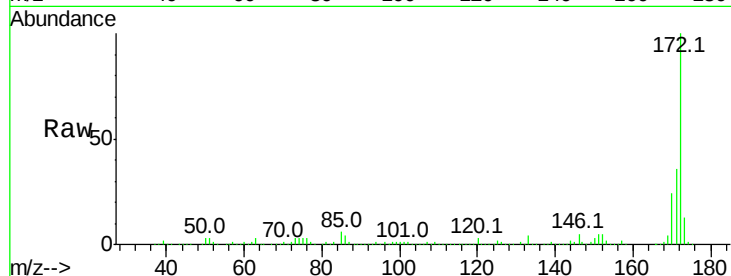


#44
 2-Fluorobiphenyl
 Concen: 100.353 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100715.D
 Acq: 18 Nov 2017 11:44

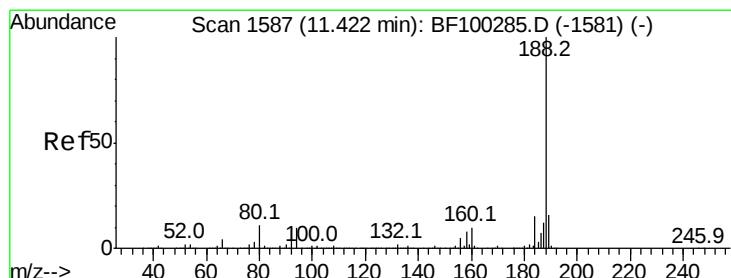
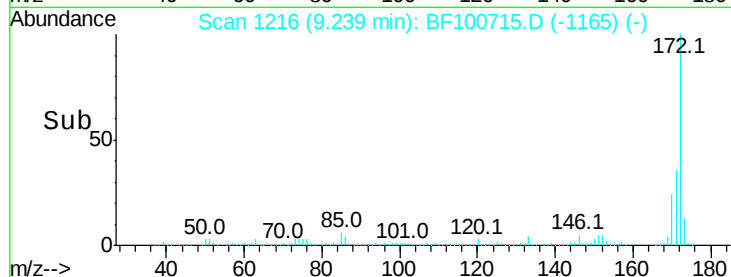
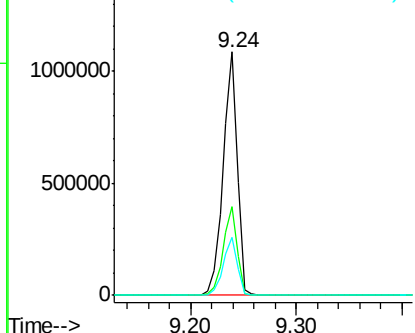
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-B

Tot Ion:172 Resp: 1023615

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4



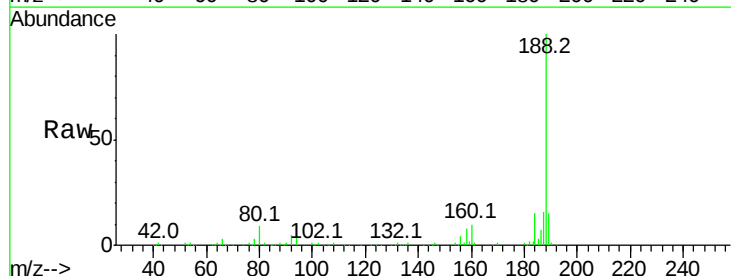
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



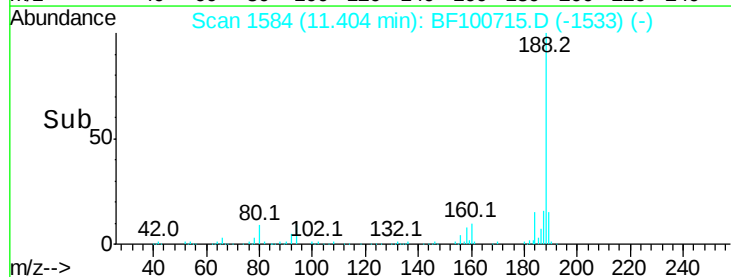
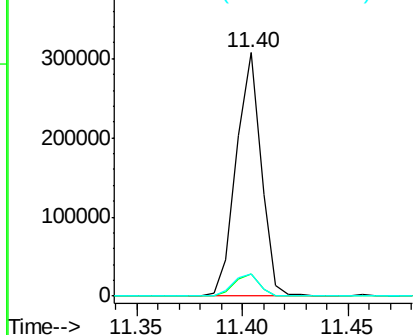
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF100715.D
 Acq: 18 Nov 2017 11:44

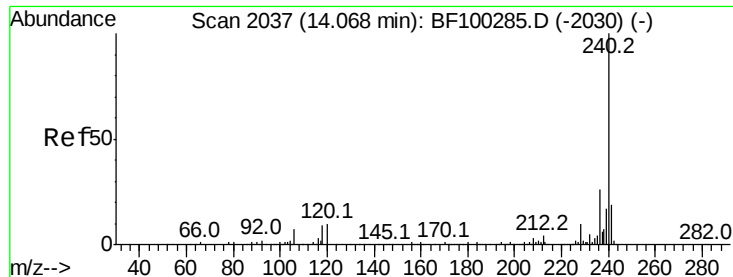
Tgt Ion:188 Resp: 250007

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.3	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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100715.D

Acq: 18 Nov 2017 11:44

Instrument :

BNA_F

ClientSampleId :

CL-01-111617-B

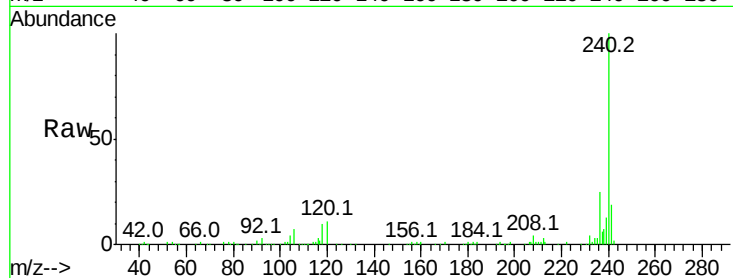
Tot Ion:240 Resp: 209422

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

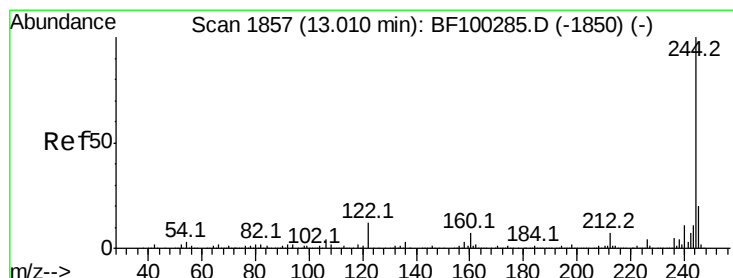
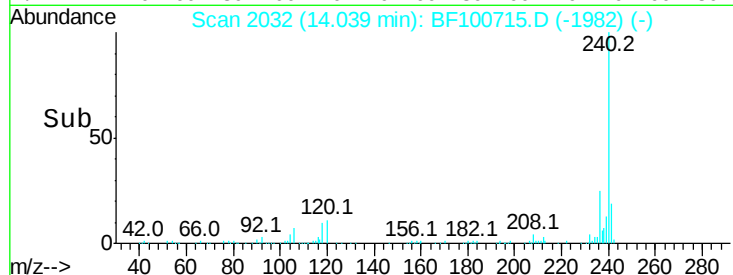
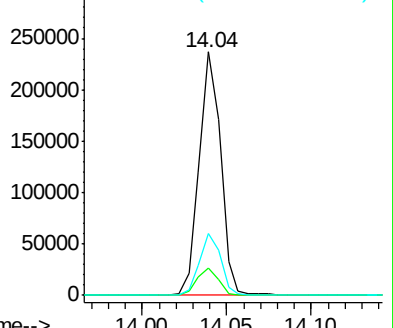
236 25.4 20.7 31.1



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: 89.138 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF100715.D

Acq: 18 Nov 2017 11:44

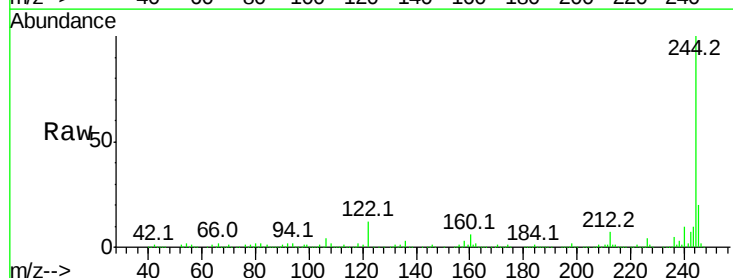
Tgt Ion:244 Resp: 812442

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

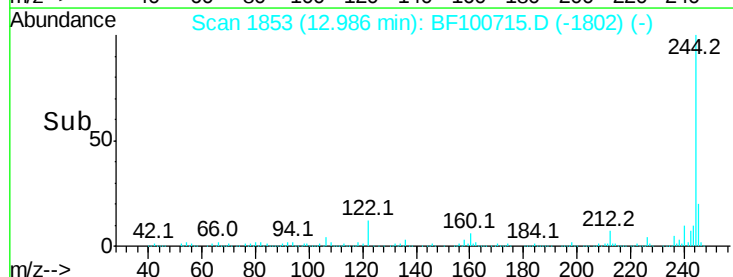
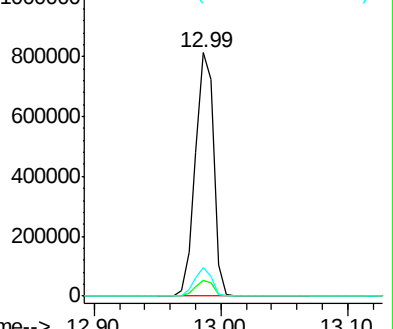
122 11.9 11.0 16.4



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: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF100715.D
Acq: 18 Nov 2017 11:44

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-B

Tot Ion:	264	Resp:	176877
Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.2	28.8
265	20.6	17.5	26.3

