

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100717.D
 Acq On : 18 Nov 2017 12:37
 Operator : SJ/JU
 Sample : I6304-19
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Nov 20 04:09:47 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

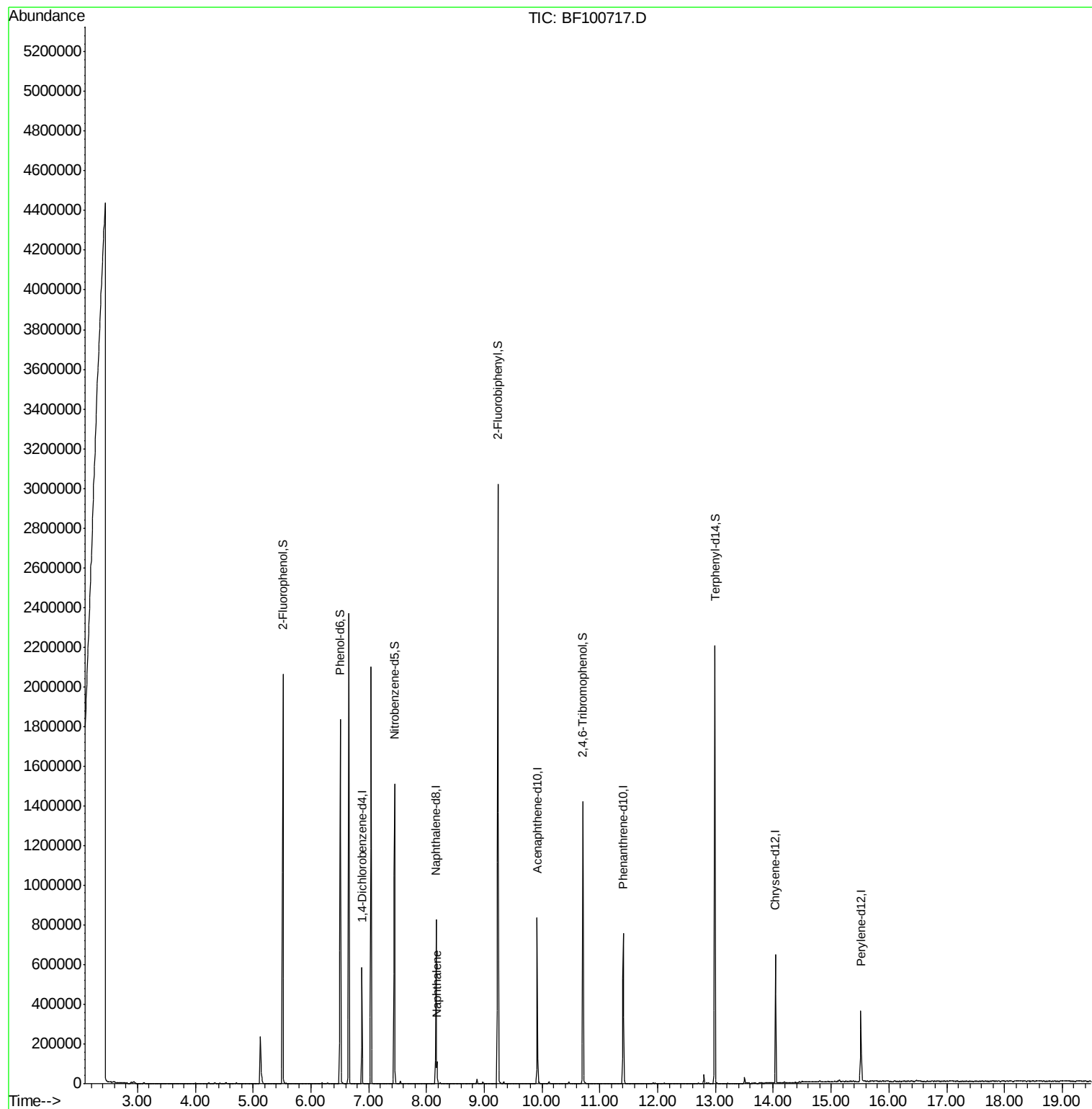
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	91135	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	353316	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	157572	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	266806	20.00	ng	0.00
75) Chrysene-d12	14.04	240	209967	20.00	ng	0.00
86) Perylene-d12	15.52	264	177039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	624841	109.90	ng	0.02
7) Phenol-d6	6.51	99	683557	97.50	ng	0.00
23) Nitrobenzene-d5	7.45	82	534591	100.03	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	202605	126.18	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1048932	101.36	ng	0.00
78) Terphenyl-d14	12.99	244	849122	92.92	ng	0.00
Target Compounds						
31) Naphthalene	8.19	128	50983	2.996	ng	Qvalue 98

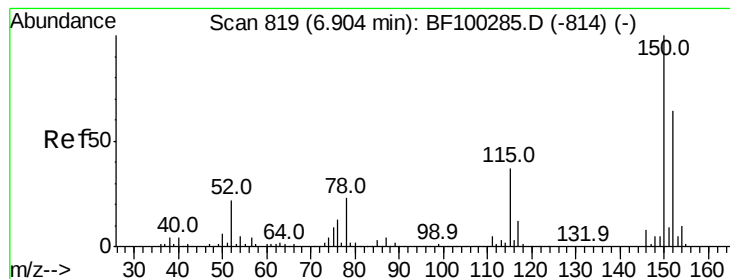
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
Data File : BF100717.D
Acq On : 18 Nov 2017 12:37
Operator : SJ/JU
Sample : I6304-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Nov 20 04:09:47 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



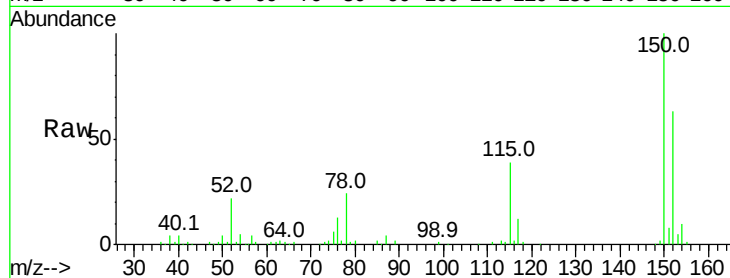


#1

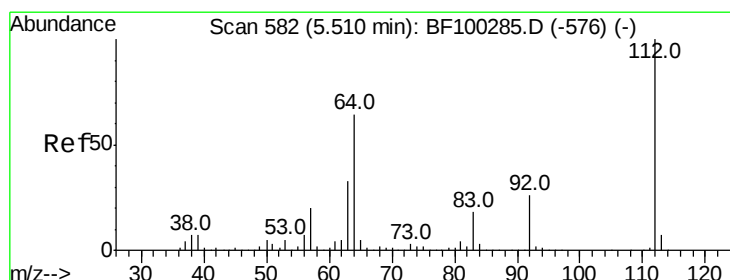
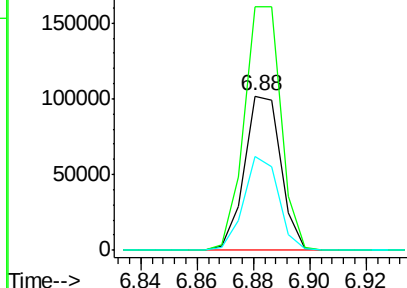
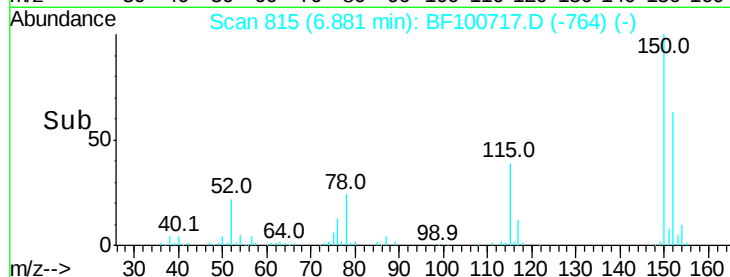
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100717.D
Acq: 18 Nov 2017 12:37

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

Tot Ion:152 Resp: 91135
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 60.9 50.1 75.1



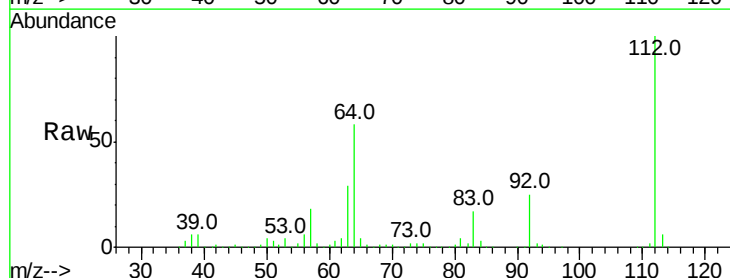
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



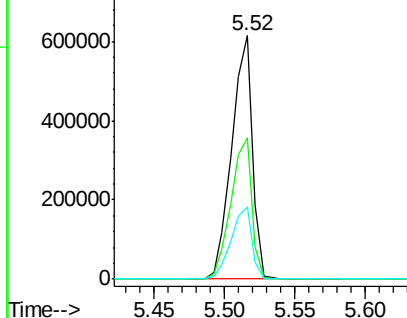
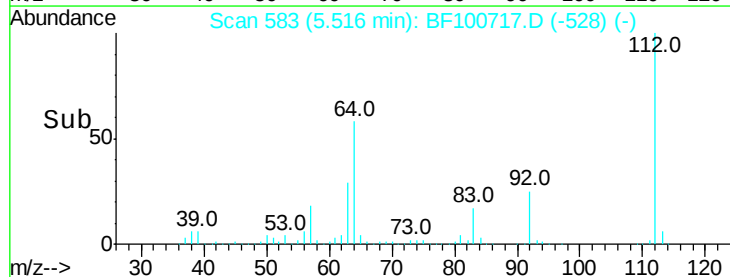
#5

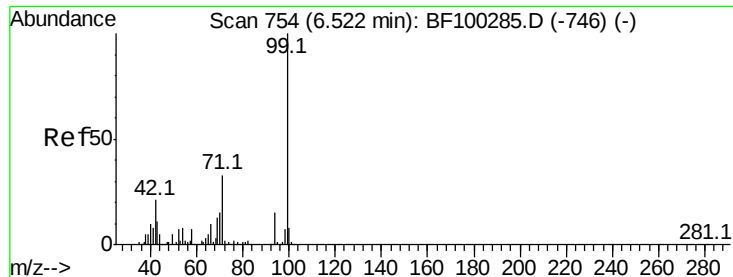
2-Fluorophenol
Concen: 109.904 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF100717.D
Acq: 18 Nov 2017 12:37

Tgt Ion:112 Resp: 624841
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 29.5 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: 97.501 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100717.D

Acq: 18 Nov 2017 12:37

Instrument :

BNA_F

ClientSampleId :

CL-01-111617-D

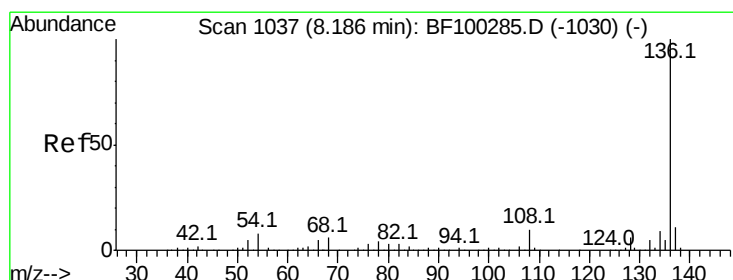
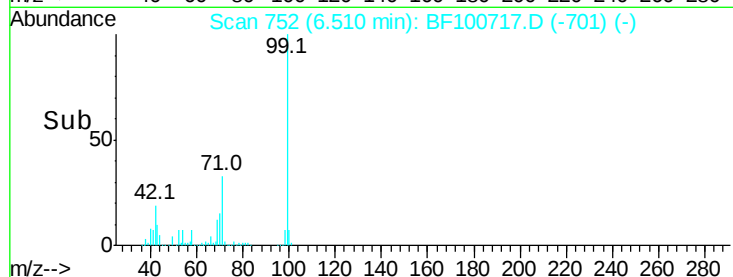
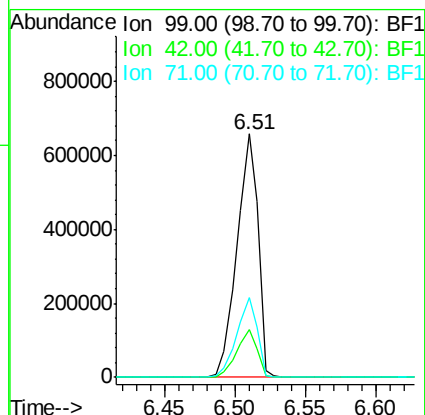
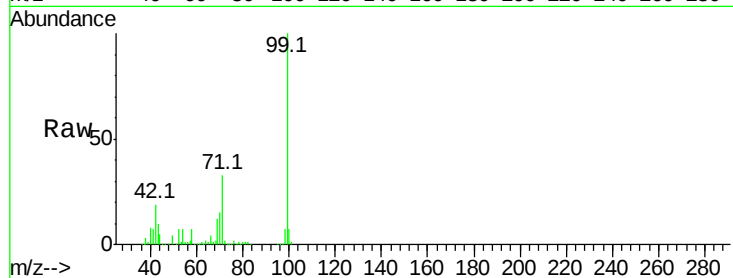
Tot Ion: 99 Resp: 683557

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 32.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100717.D

Acq: 18 Nov 2017 12:37

Tgt Ion: 136 Resp: 353316

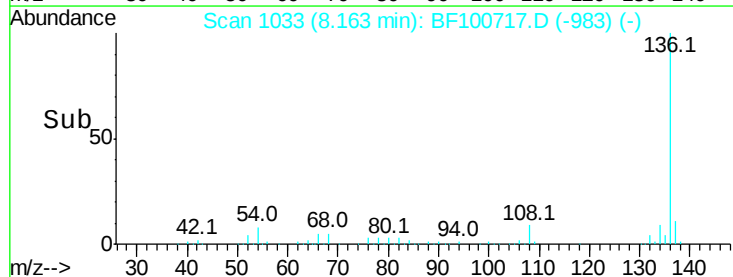
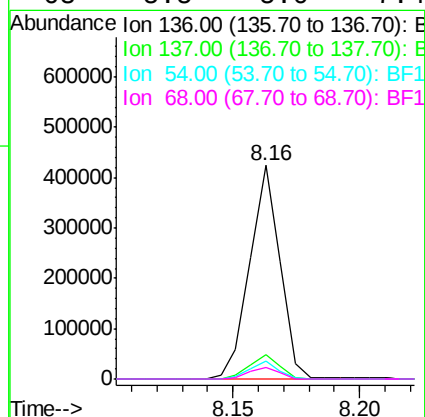
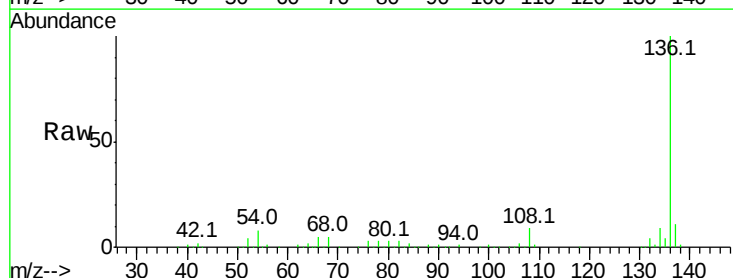
Ion Ratio Lower Upper

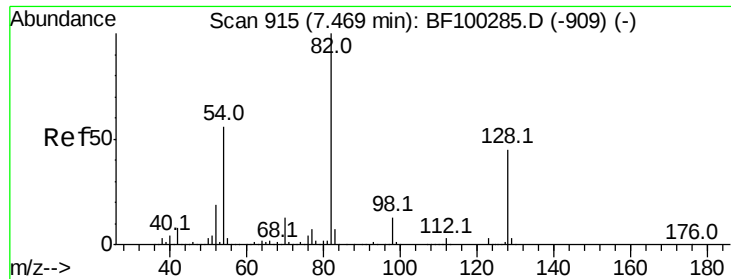
136 100

137 11.4 8.9 13.3

54 8.2 6.6 9.8

68 5.5 5.0 7.4

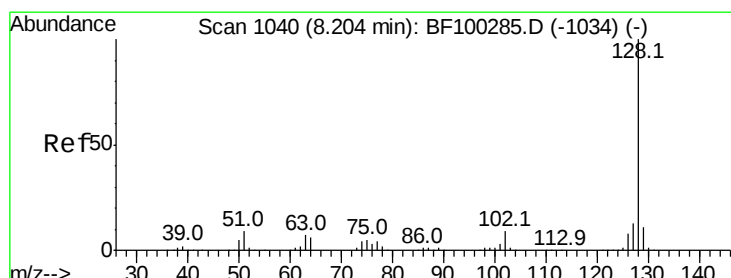
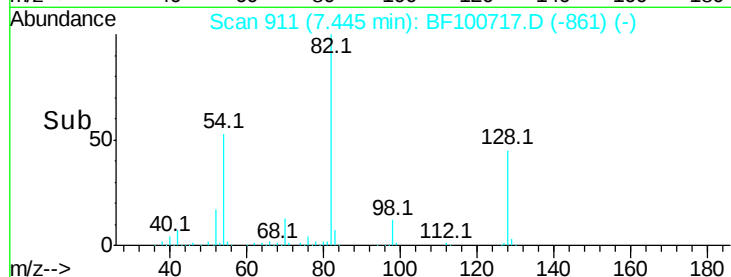
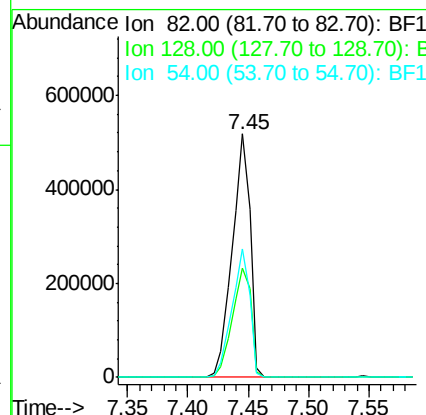
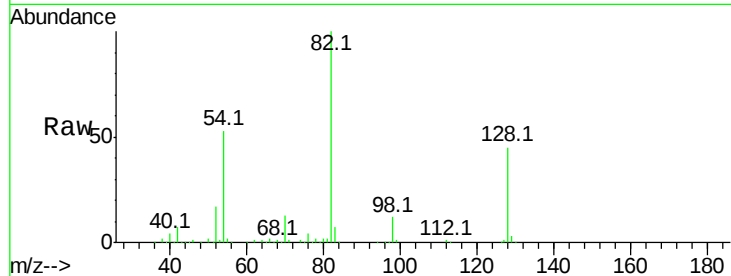




#23
 Nitrobenzene-d5
 Concen: 100.034 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100717.D
 Acq: 18 Nov 2017 12:37

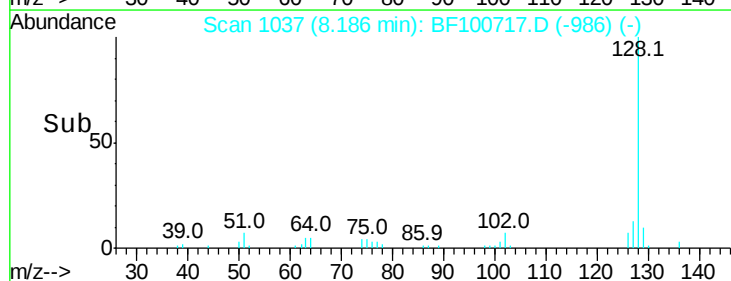
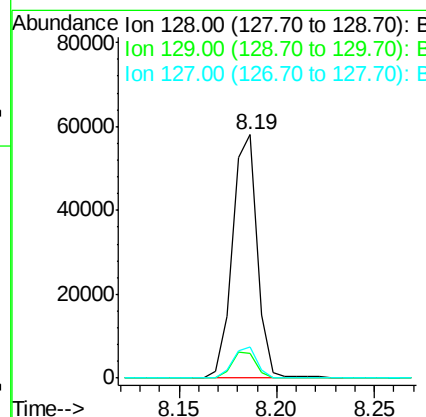
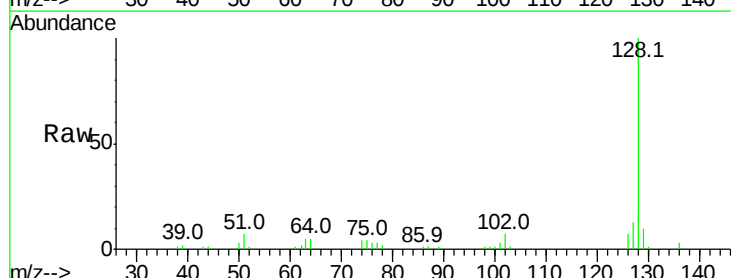
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-D

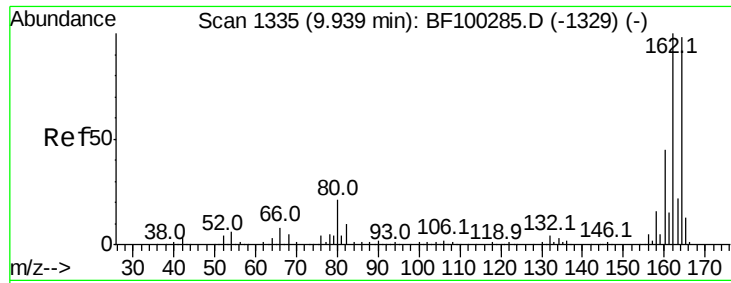
Tot Ion	82	Resp	534591
Ion Ratio	100	Lower	Upper
128	45.1	36.1	54.1
54	53.0	41.4	62.2



#31
 Naphthalene
 Concen: 2.996 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF100717.D
 Acq: 18 Nov 2017 12:37

Tgt Ion	128	Resp	50983
Ion Ratio	100	Lower	Upper
129	10.3	8.8	13.2
127	12.9	10.9	16.3

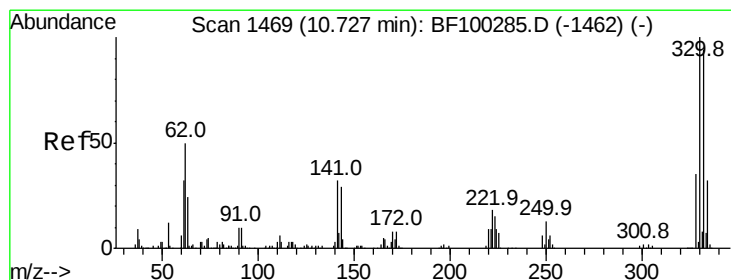
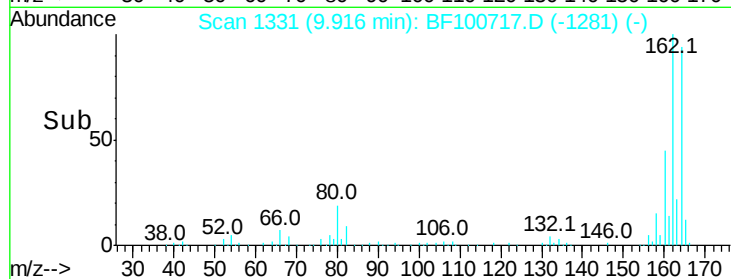
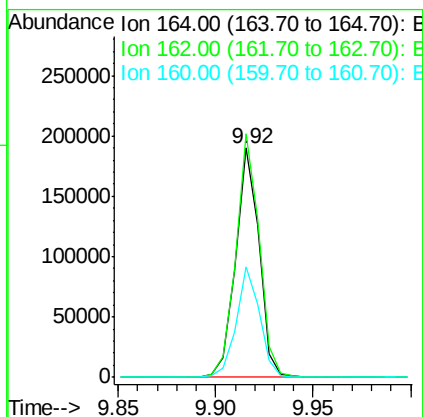
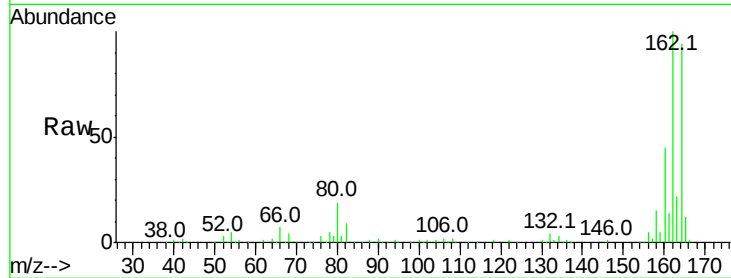




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100717.D
 Acq: 18 Nov 2017 12:37

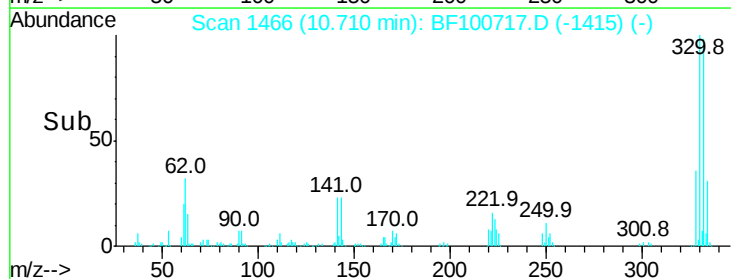
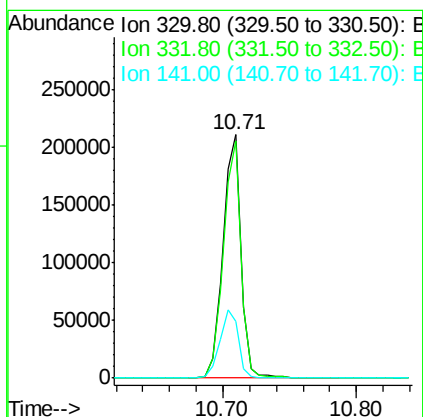
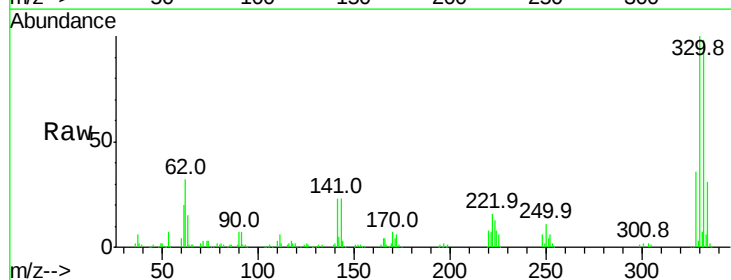
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-D

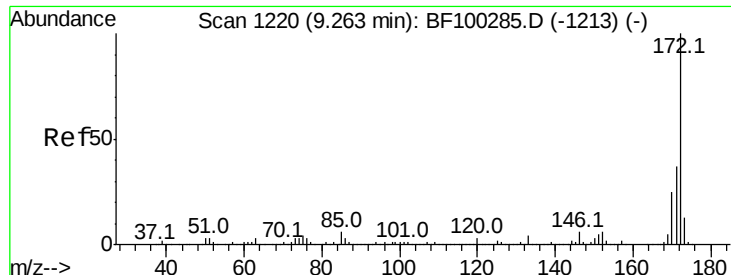
Tot Ion:164 Resp: 157572
 Ion Ratio Lower Upper
 164 100
 162 106.3 86.1 129.1
 160 48.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 126.182 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100717.D
 Acq: 18 Nov 2017 12:37

Tgt Ion:330 Resp: 202605
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 28.6 29.9 44.9#



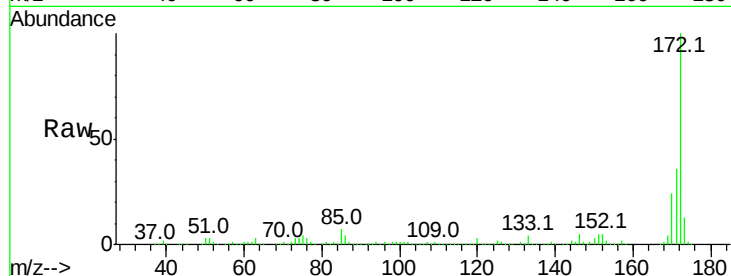


#44
 2-Fluorobiphenyl
 Concen: 101.365 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100717.D
 Acq: 18 Nov 2017 12:37

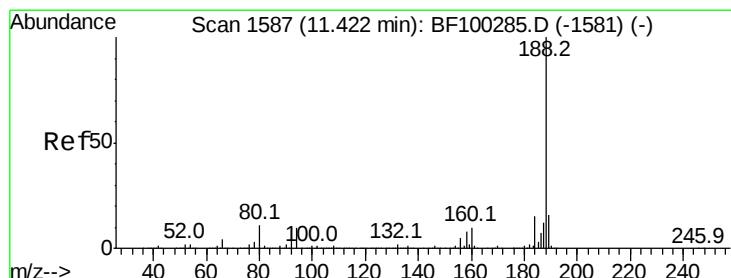
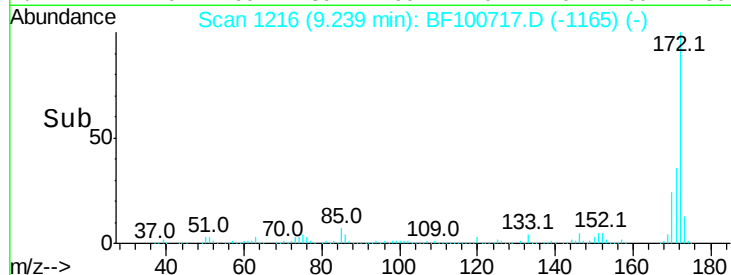
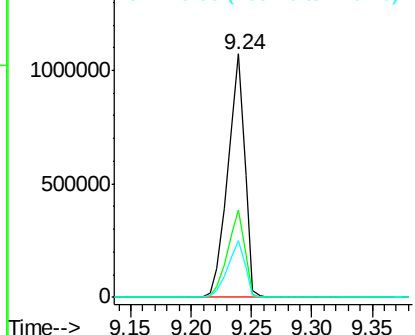
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-D

Tot Ion:172 Resp: 1048932

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.5	19.6	29.4



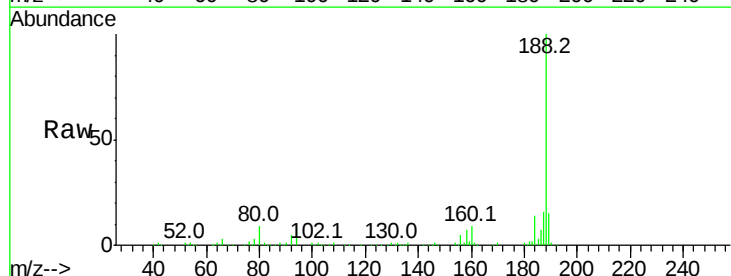
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



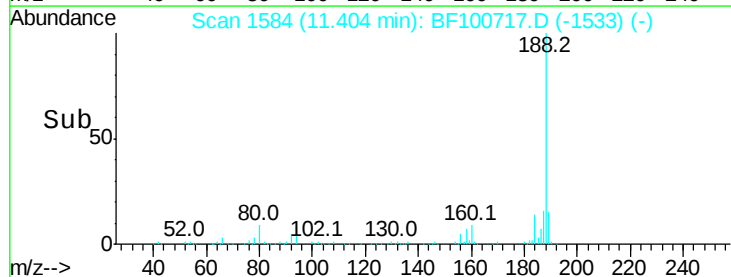
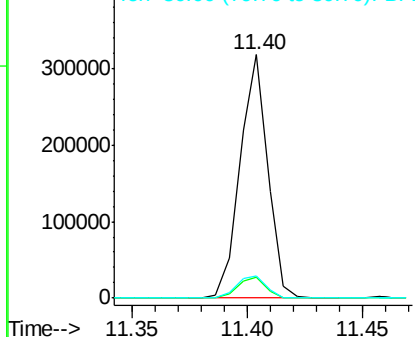
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100717.D
 Acq: 18 Nov 2017 12:37

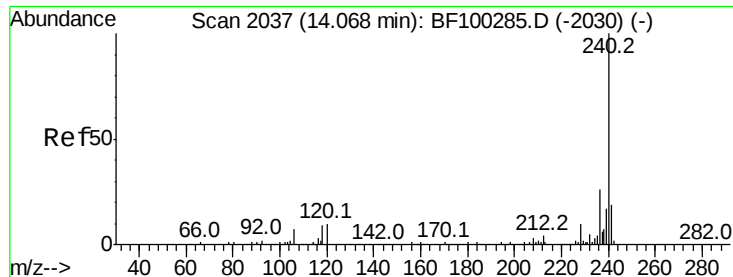
Tgt Ion:188 Resp: 266806

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.2	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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100717.D

Acq: 18 Nov 2017 12:37

Instrument :

BNA_F

ClientSampleId :

CL-01-111617-D

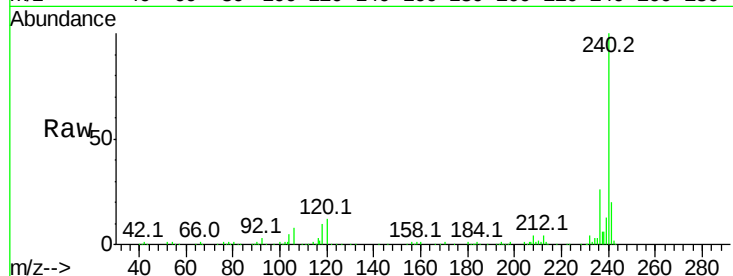
Tot Ion:240 Resp: 209967

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

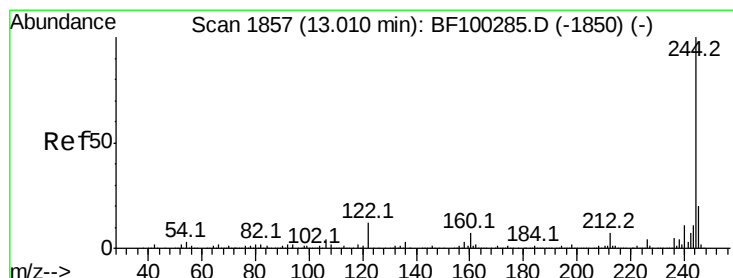
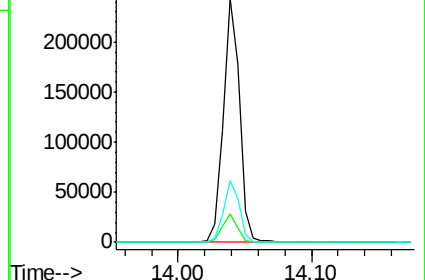
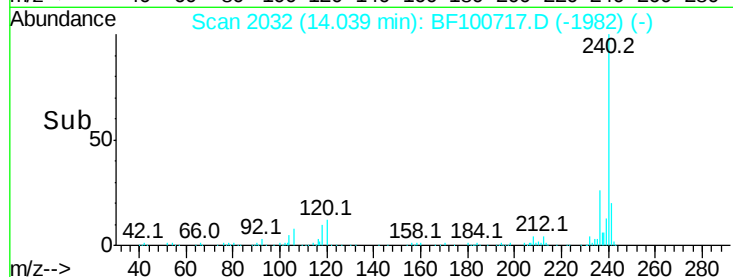
236 25.6 20.7 31.1



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: 92.921 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF100717.D

Acq: 18 Nov 2017 12:37

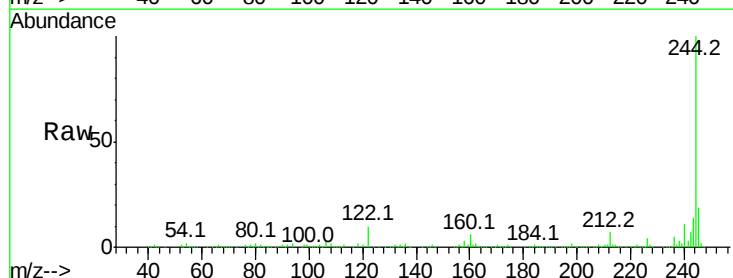
Tgt Ion:244 Resp: 849122

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

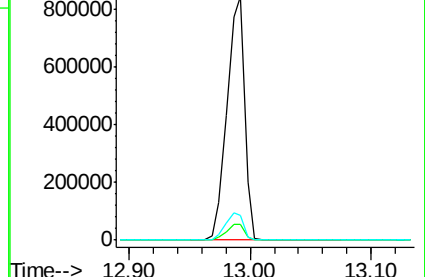
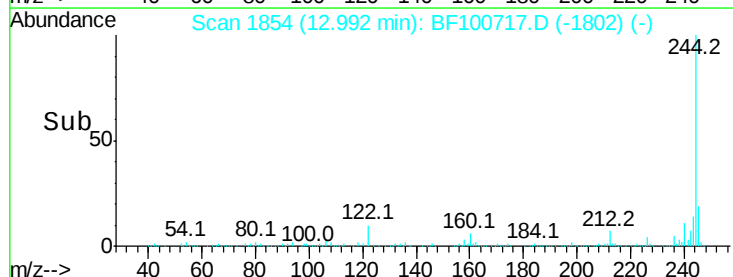
122 10.2 11.0 16.4#

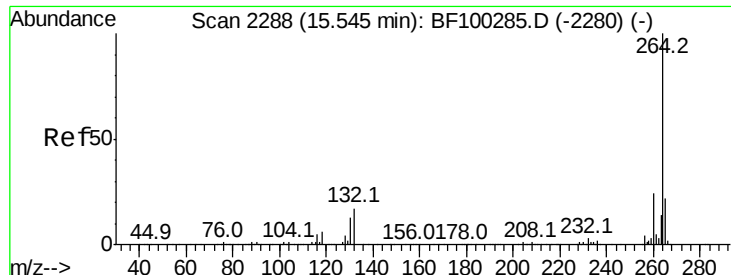


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF100717.D
 Acq: 18 Nov 2017 12:37

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.9	17.5	26.3

