

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100808.D
 Acq On : 22 Nov 2017 4:39
 Operator : SJ/JU
 Sample : I6542-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111717-TIDO-F-D-B

Quant Time: Nov 22 07:44:49 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	6.87	152	89883	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	338687	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	150324	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	235328	20.00	ng	0.00
75) Chrysene-d12	14.03	240	176628	20.00	ng	-0.01
86) Perylene-d12	15.51	264	155652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	225560	40.23	ng	0.00
7) Phenol-d6	6.49	99	168521	24.37	ng	-0.02
23) Nitrobenzene-d5	7.44	82	545964	106.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	129307	84.41	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1034035	104.74	ng	0.00
78) Terphenyl-d14	12.98	244	654258	85.11	ng	0.00

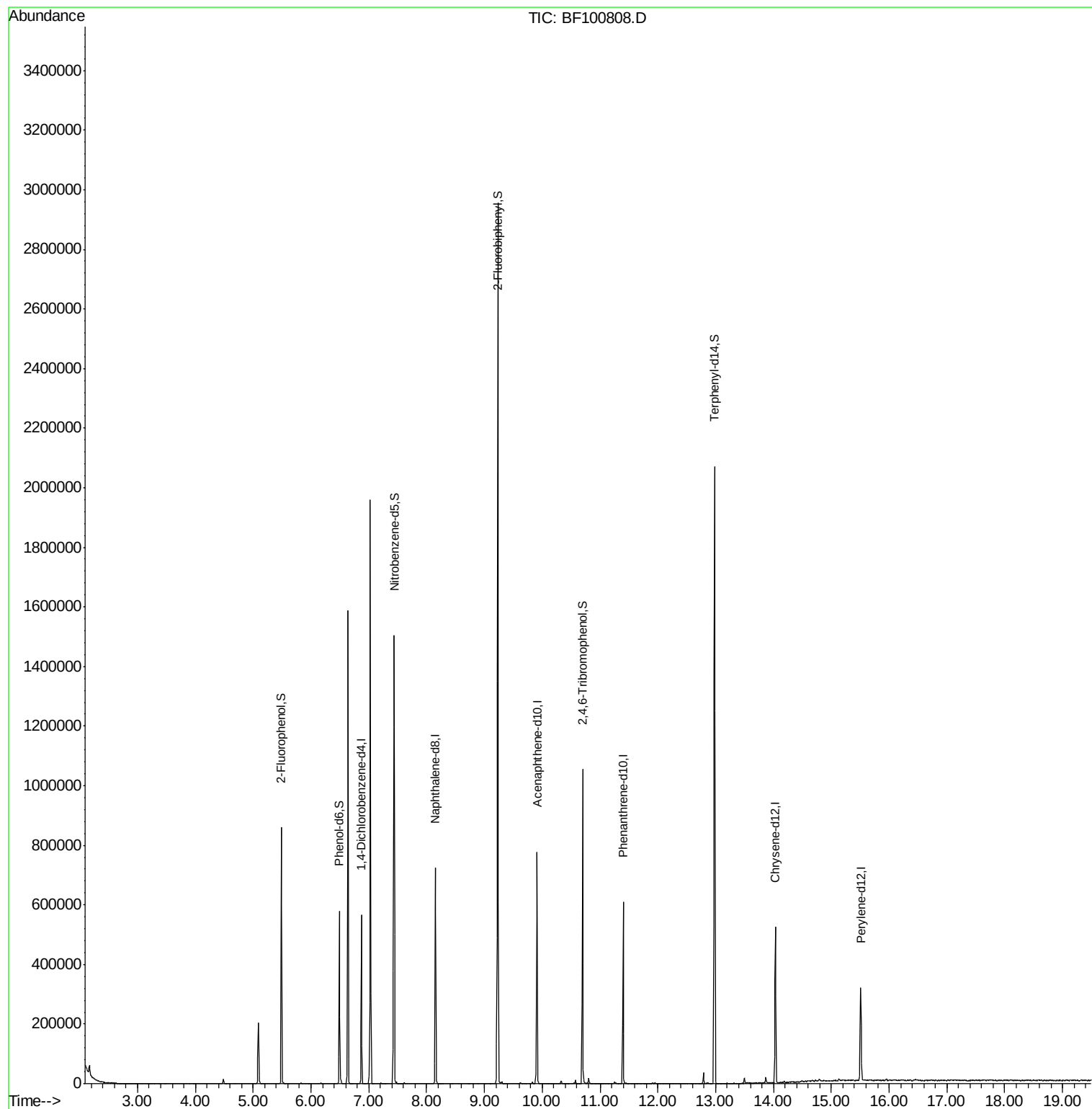
Target Compounds Qvalue

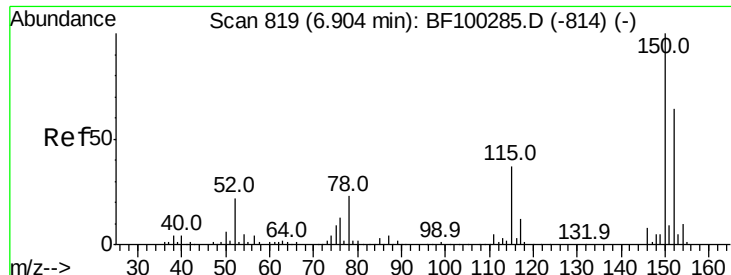
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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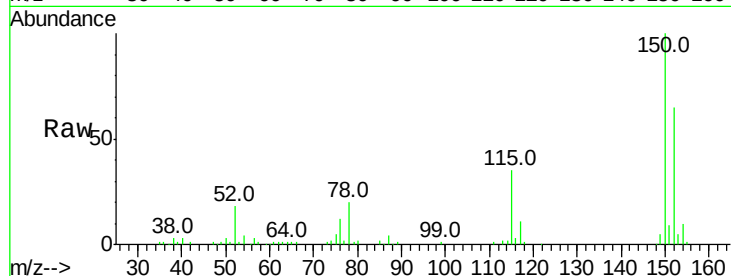


#1

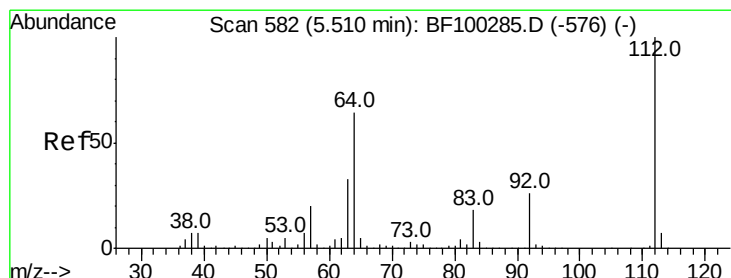
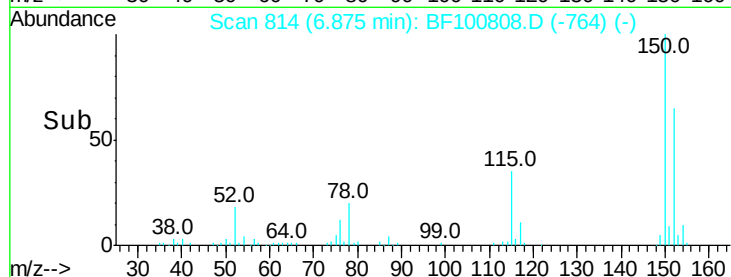
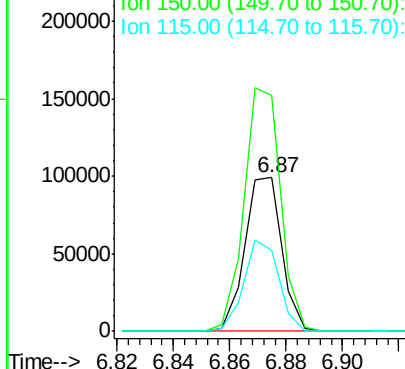
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100808.D
Acq: 22 Nov 2017 4:39

Instrument :
BNA_F
ClientSampleId :
111717-TIDO-F-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	53.2	50.1	75.1



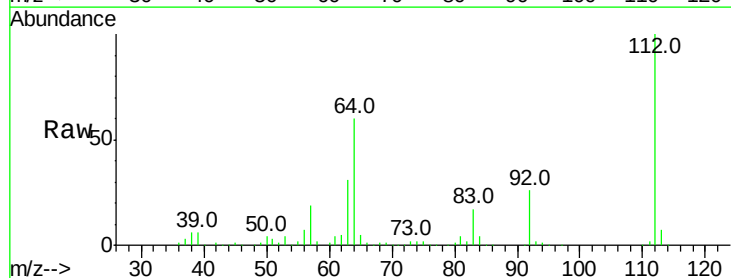
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



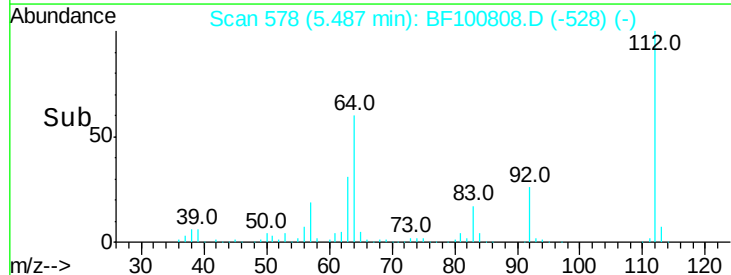
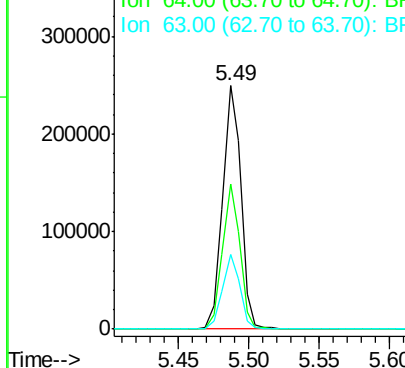
#5

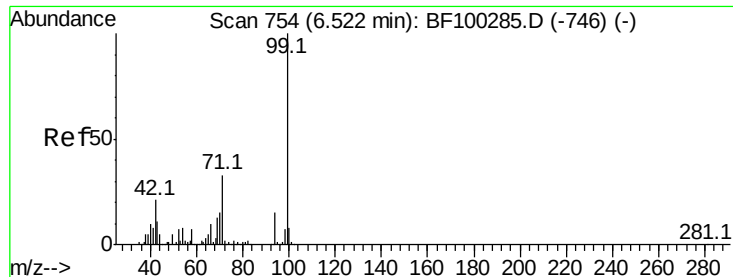
2-Fluorophenol
Concen: 40.227 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100808.D
Acq: 22 Nov 2017 4:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	30.8	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: 24.372 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100808.D

Acq: 22 Nov 2017 4:39

Instrument :

BNA_F

ClientSampleId :

111717-TIDO-F-D-B

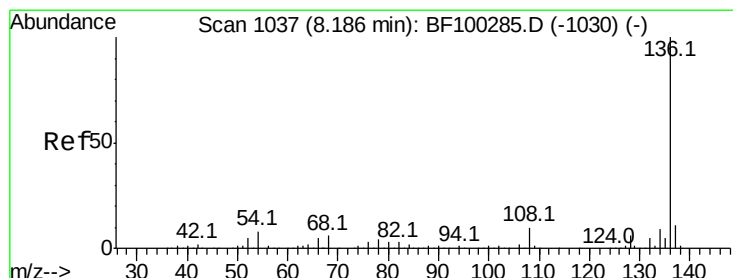
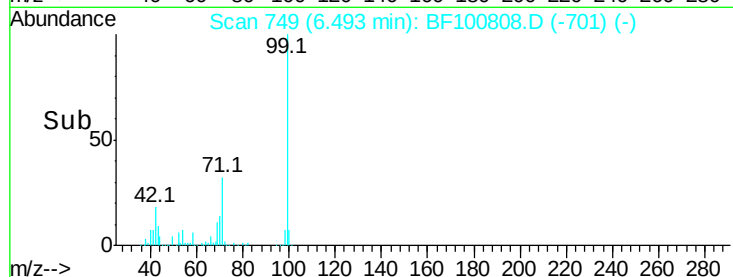
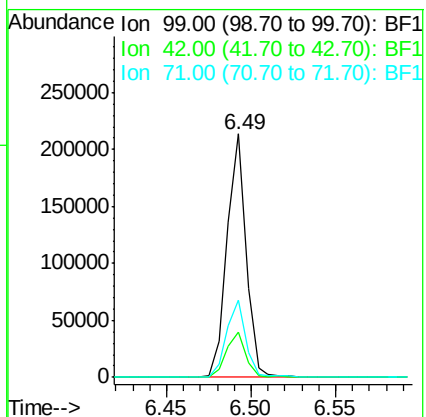
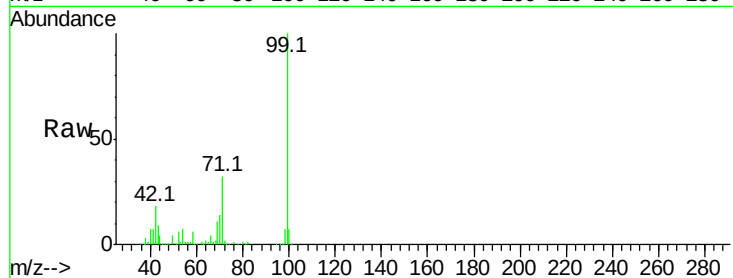
Tot Ion: 99 Resp: 168521

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 31.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF100808.D

Acq: 22 Nov 2017 4:39

Tgt Ion: 136 Resp: 338687

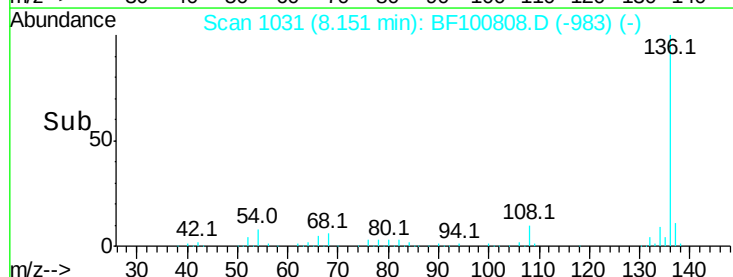
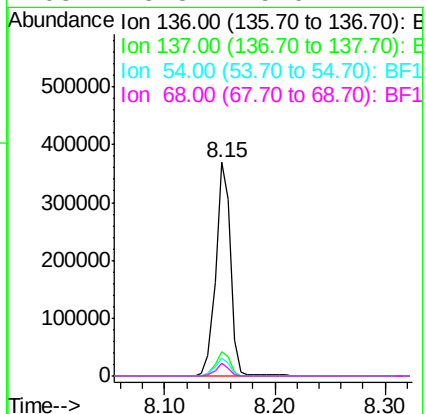
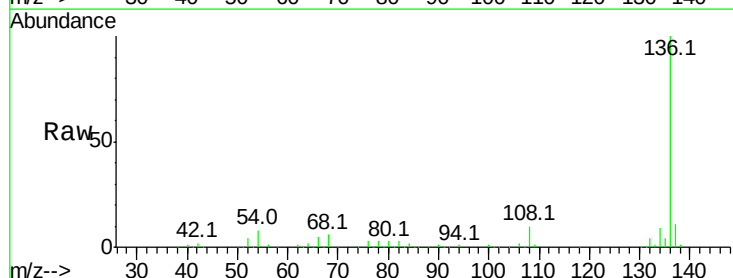
Ion Ratio Lower Upper

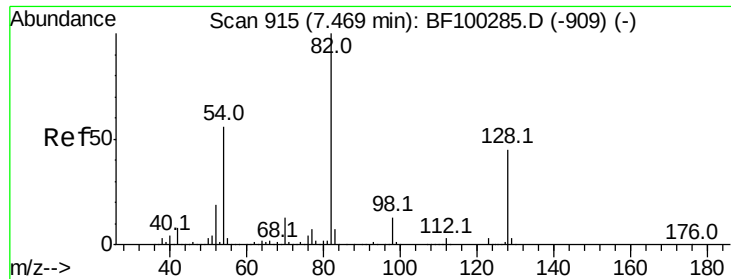
136 100

137 11.2 8.9 13.3

54 8.3 6.6 9.8

68 5.8 5.0 7.4

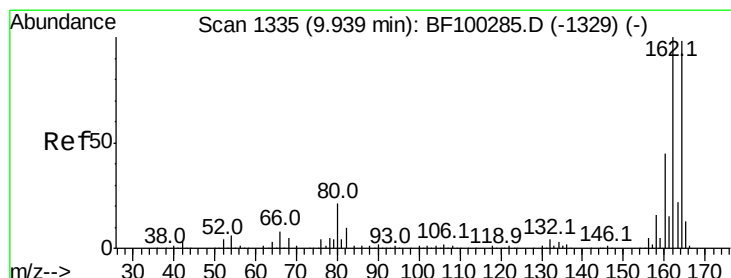
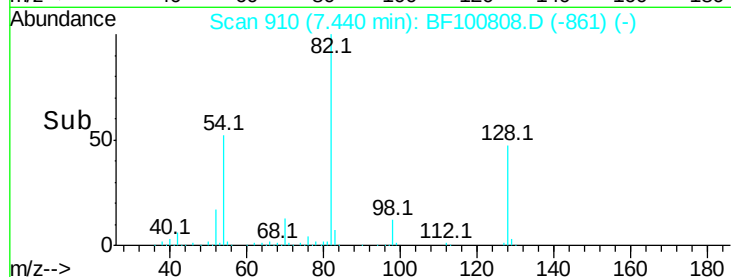
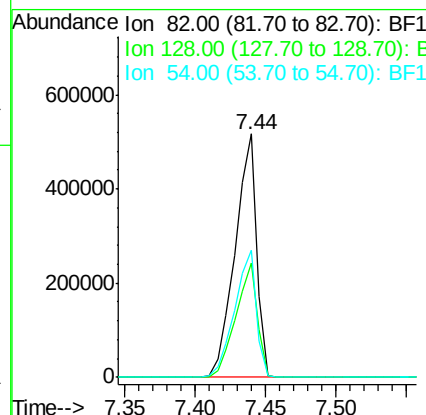
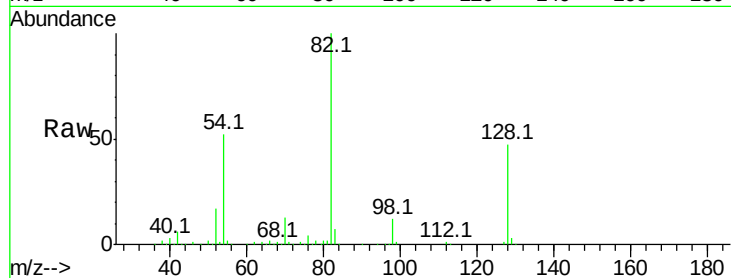




#23
Nitrobenzene-d5
Concen: 106.575 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100808.D
Acq: 22 Nov 2017 4:39

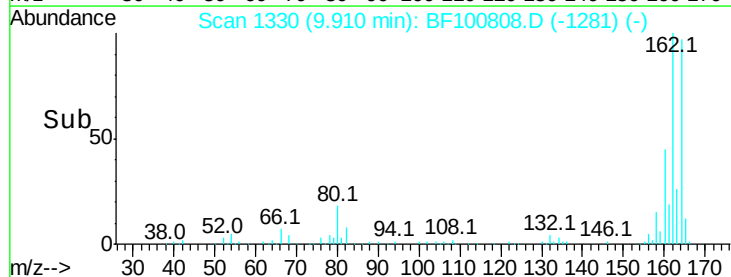
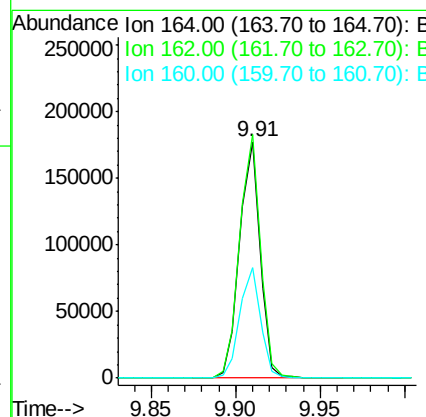
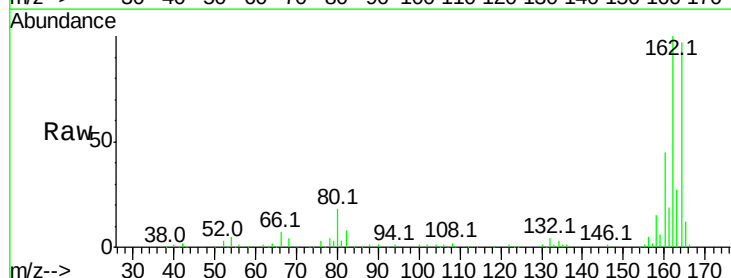
Instrument :
BNA_F
ClientSampleId :
111717-TIDO-F-D-B

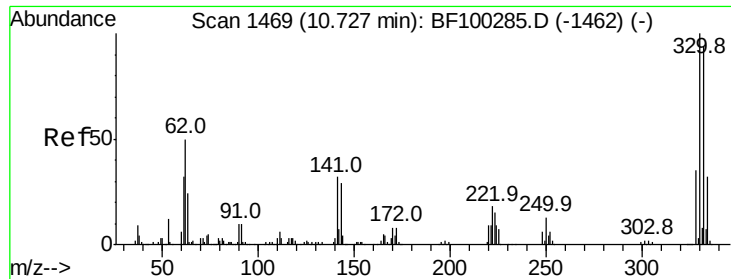
Tot Ion: 82 Resp: 545964
Ion Ratio Lower Upper
82 100
128 47.0 36.1 54.1
54 52.1 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100808.D
Acq: 22 Nov 2017 4:39

Tgt Ion: 164 Resp: 150324
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 46.8 38.3 57.5

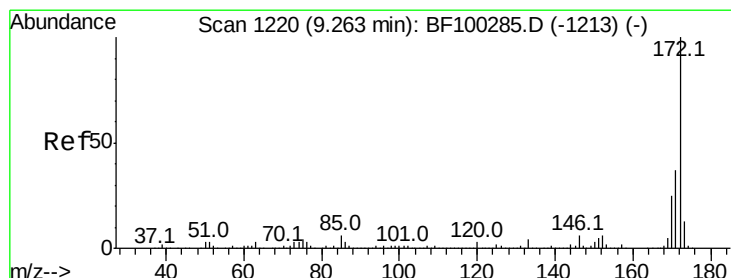
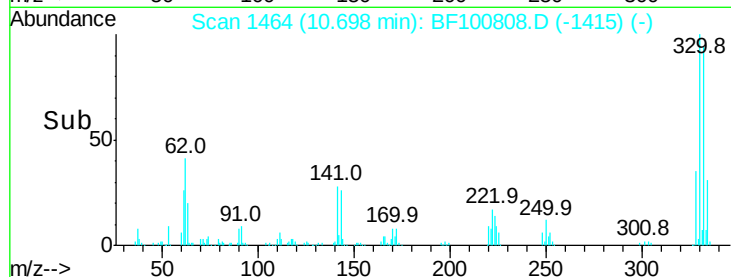
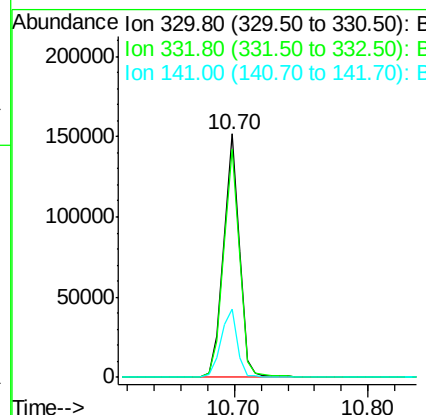
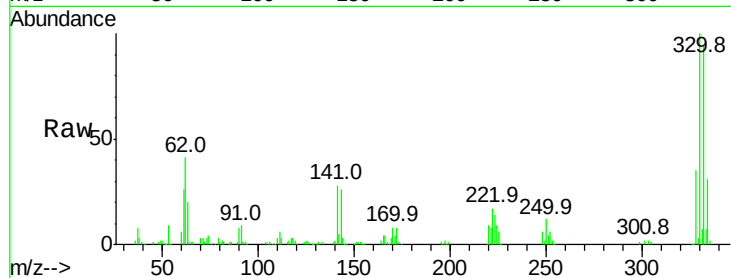




#41
 2,4,6-Tribromophenol
 Concen: 84.415 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100808.D
 Acq: 22 Nov 2017 4:39

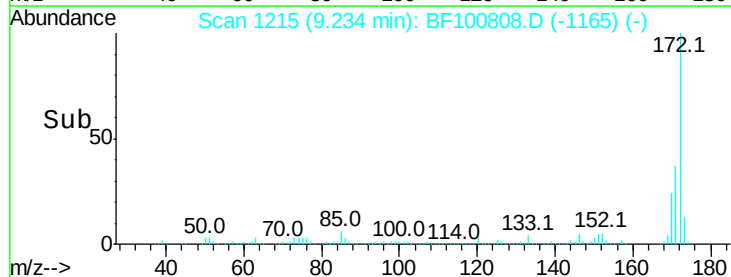
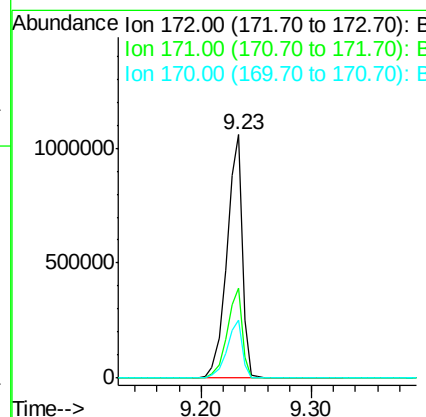
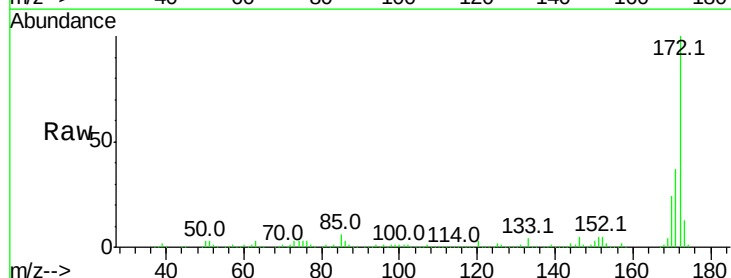
Instrument :
 BNA_F
 ClientSampleId :
 111717-TIDO-F-D-B

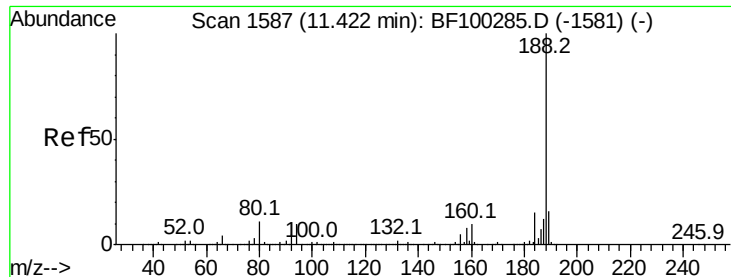
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	28.8	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 104.743 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100808.D
 Acq: 22 Nov 2017 4:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	23.7	19.6	29.4

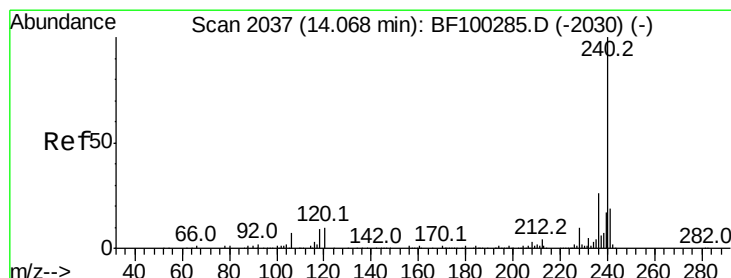
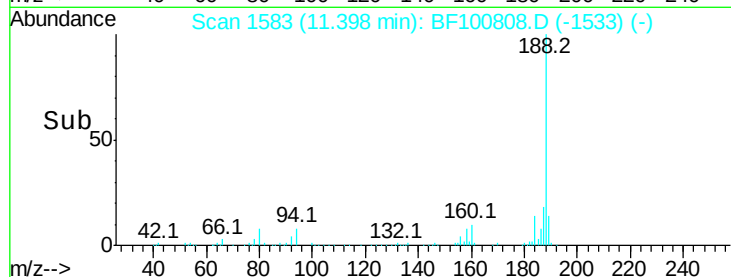
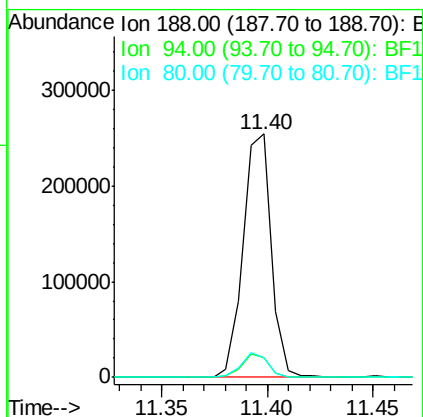
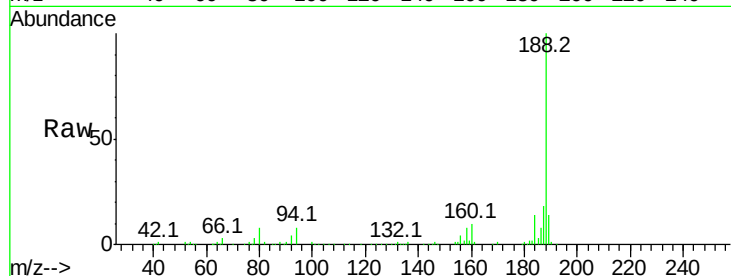




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100808.D
Acq: 22 Nov 2017 4:39

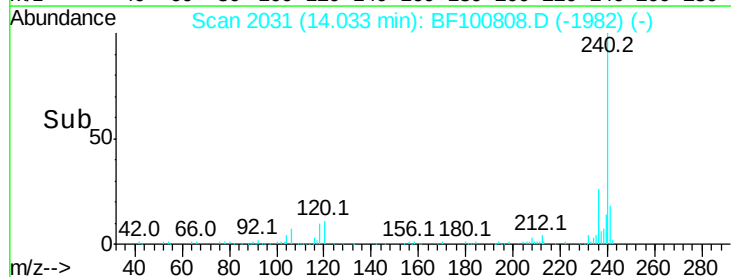
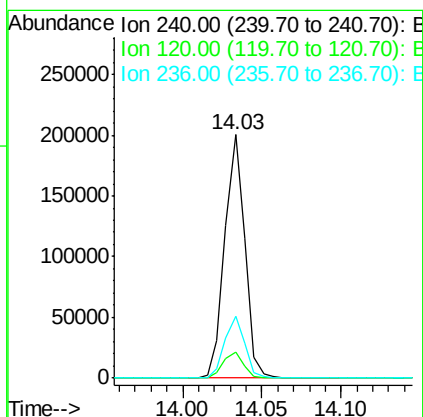
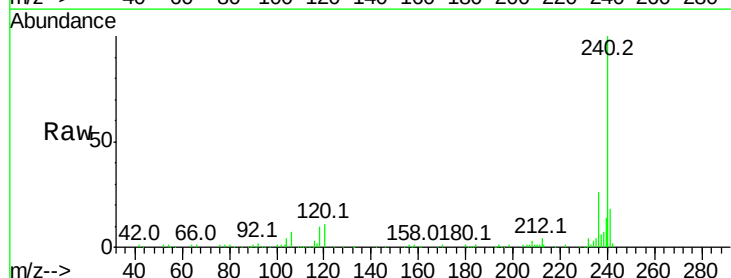
Instrument :
BNA_F
ClientSampleId :
111717-TIDO-F-D-B

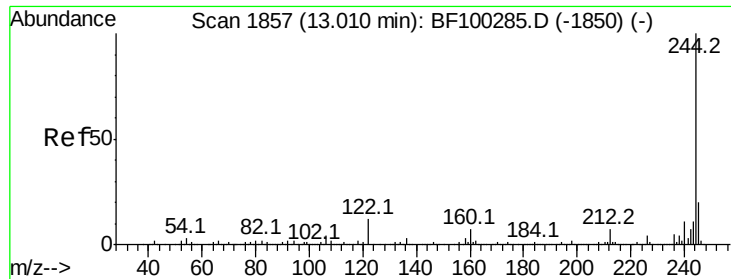
Tot Ion:188 Resp: 235328
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 8.3 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100808.D
Acq: 22 Nov 2017 4:39

Tgt Ion:240 Resp: 176628
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 85.111 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100808.D

Acq: 22 Nov 2017 4:39

Instrument :

BNA_F

ClientSampleId :

111717-TIDO-F-D-B

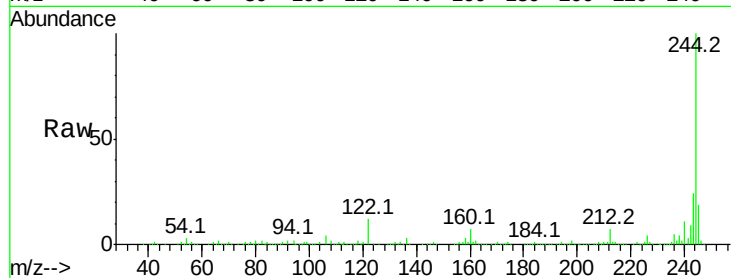
Tot Ion:244 Resp: 654258

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

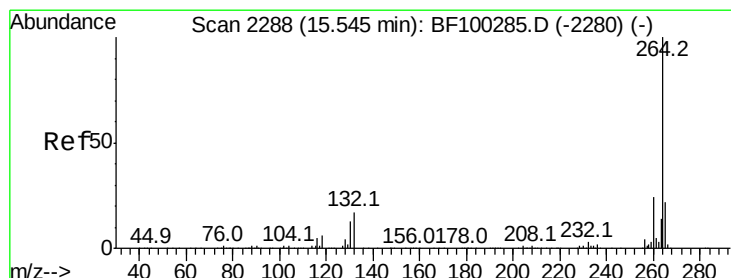
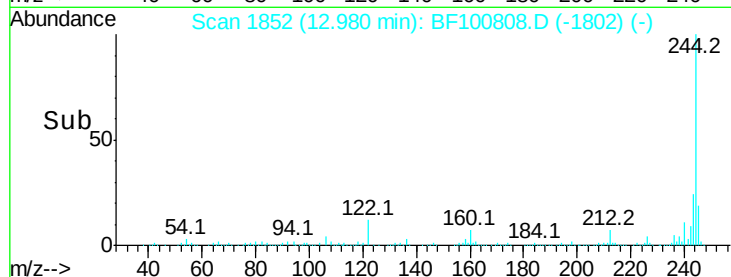
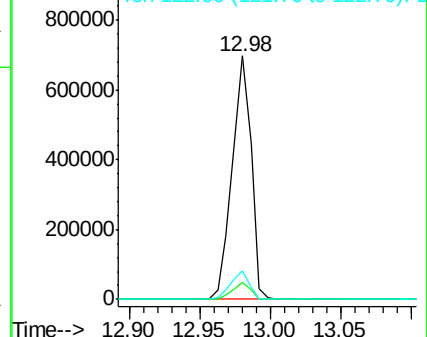
122 11.8 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF100808.D

Acq: 22 Nov 2017 4:39

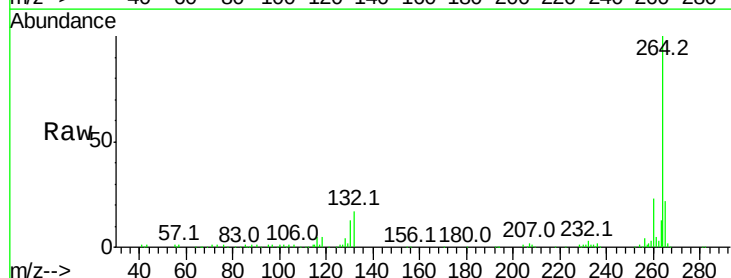
Tgt Ion:264 Resp: 155652

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.7 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

