

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
 Data File : BF100615.D
 Acq On : 16 Nov 2017 4:20
 Operator : SJ/JU
 Sample : I6465-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111017-TDO-E-D-M

Quant Time: Nov 16 07:03:04 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	121156	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	474502	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	214005	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	379553	20.00	ng	0.00
75) Chrysene-d12	14.04	240	231081	20.00	ng	-0.01
86) Perylene-d12	15.51	264	244445	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	339505	44.92	ng	0.00
7) Phenol-d6	6.50	99	263997	28.33	ng	-0.02
23) Nitrobenzene-d5	7.45	82	736585	102.63	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	203261	93.21	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1330180	94.65	ng	0.00
78) Terphenyl-d14	12.99	244	963365	95.79	ng	0.00

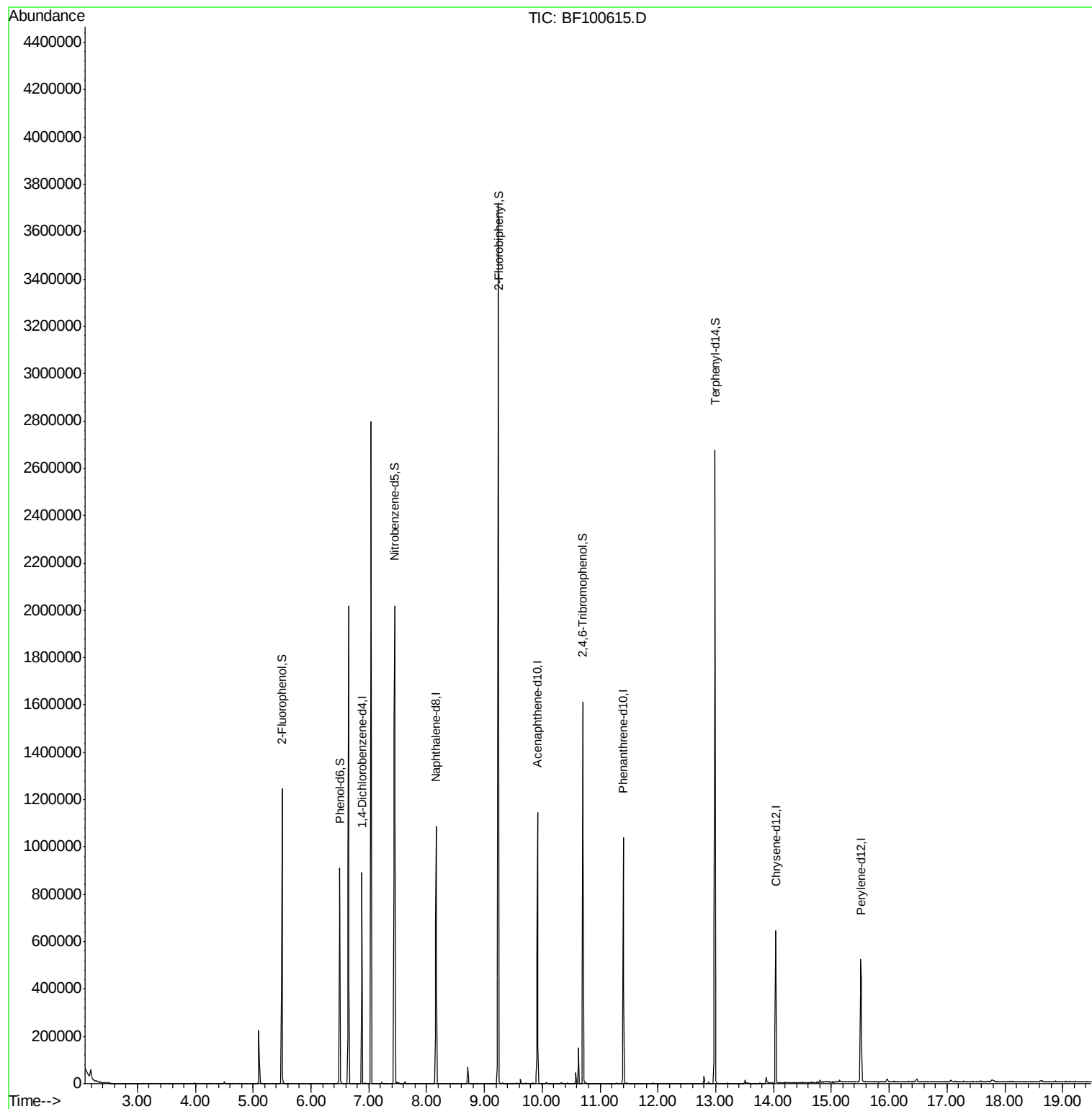
Target Compounds	Qvalue
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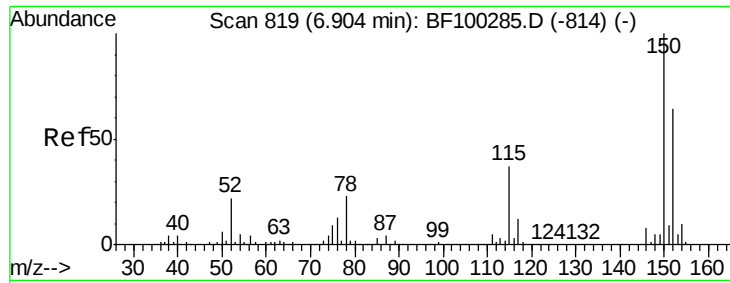
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 16 Nov 2017 4:20
Operator : SJ/JU
Sample : I6465-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
111017-TDO-E-D-M

Quant Time: Nov 16 07:03:04 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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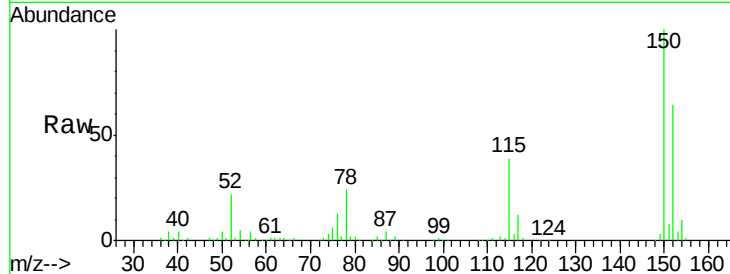


#1

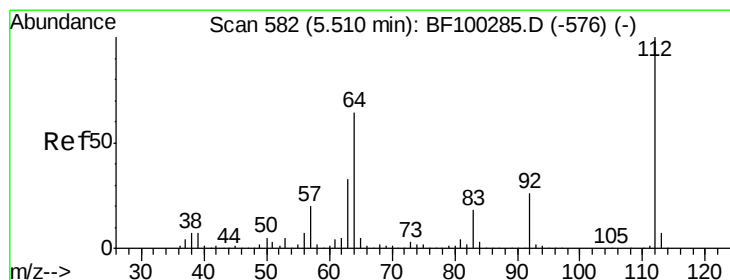
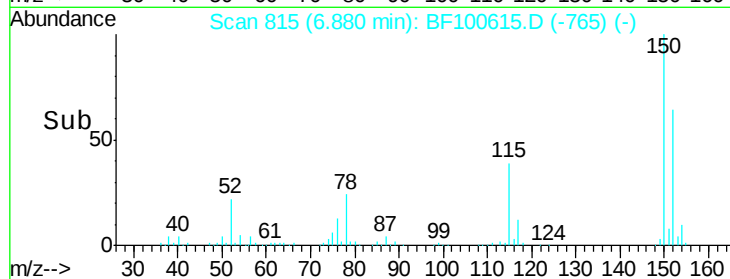
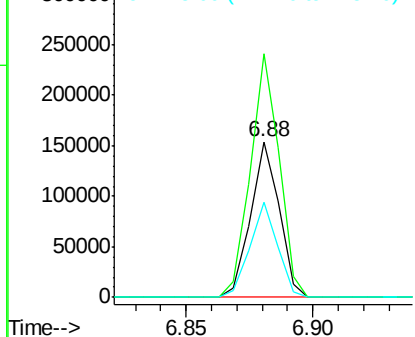
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Instrument :
BNA_F
ClientSampleId :
111017-TDO-E-D-M

Tgt Ion:152 Resp: 121156
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 60.9 50.1 75.1



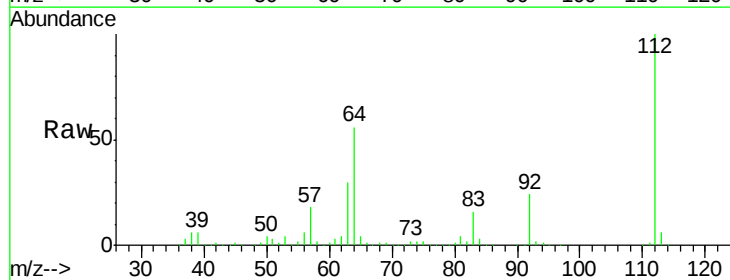
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



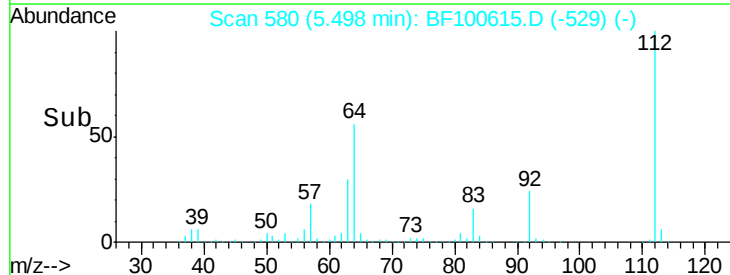
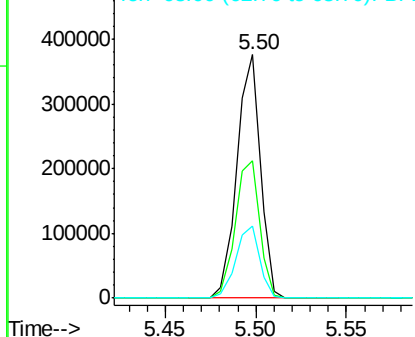
#5

2-Fluorophenol
Concen: 44.919 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Tgt Ion:112 Resp: 339505
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 29.6 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: 28.325 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF100615.D

Acq: 16 Nov 2017 4:20

Instrument :

BNA_F

ClientSampleId :

111017-TDO-E-D-M

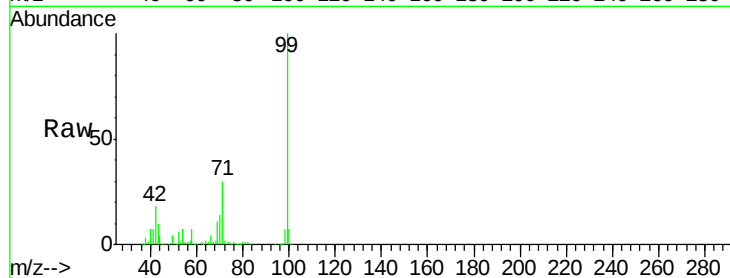
Tgt Ion: 99 Resp: 263997

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

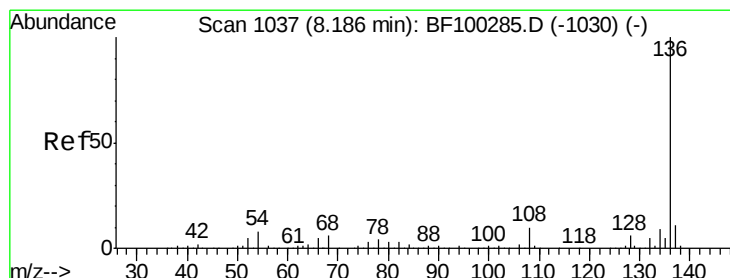
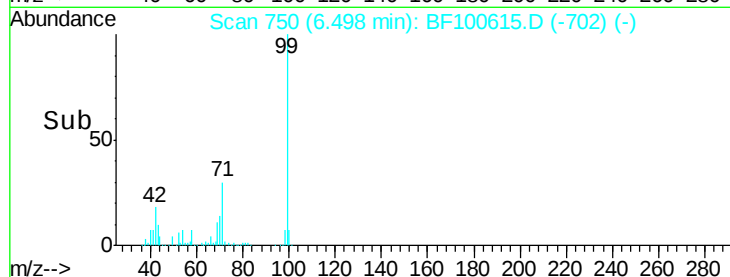
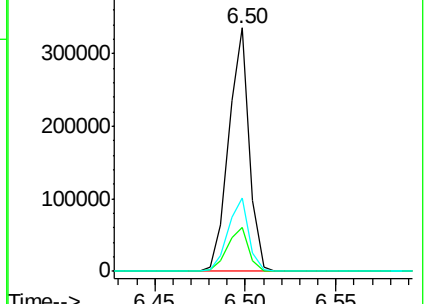
71 30.4 25.4 38.0



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: BF100615.D

Acq: 16 Nov 2017 4:20

Tgt Ion: 136 Resp: 474502

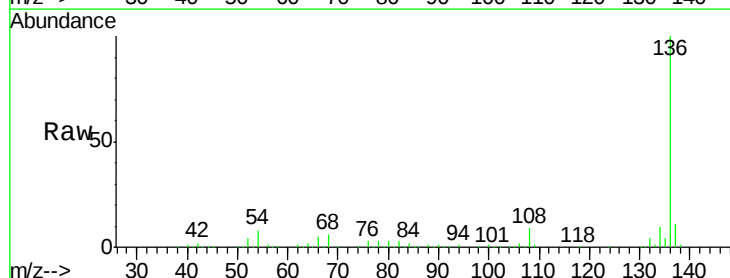
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.3 6.6 9.8

68 6.0 5.0 7.4

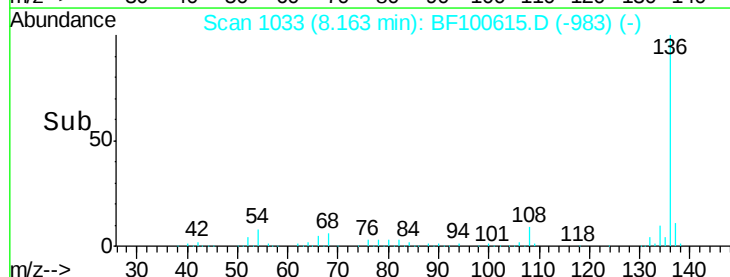
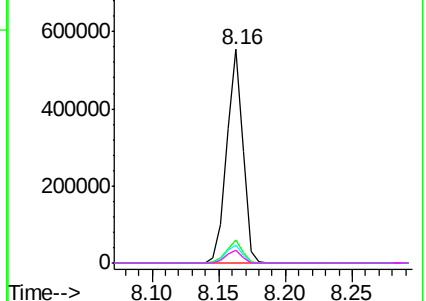


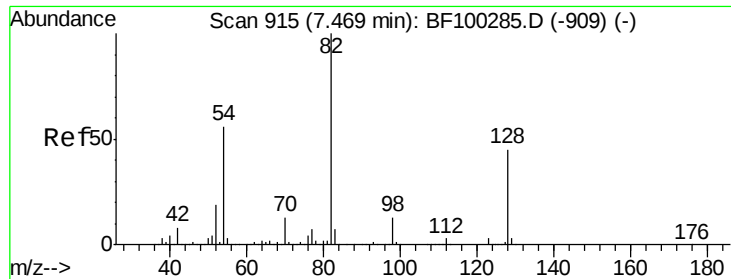
Abundance Ion 136.00 (135.70 to 136.70): E

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

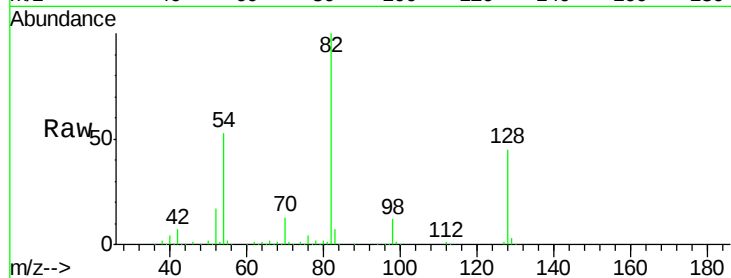




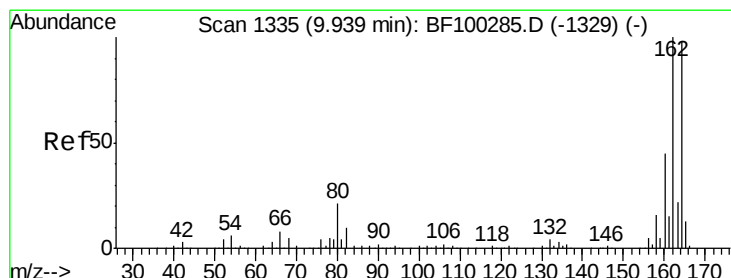
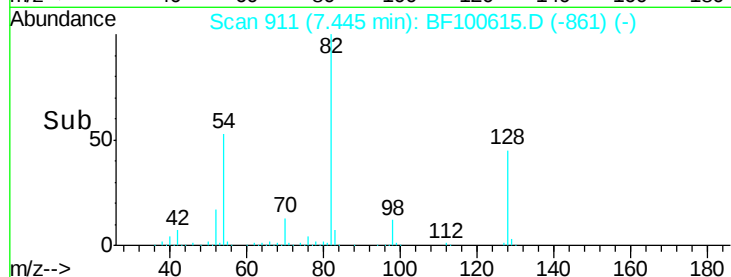
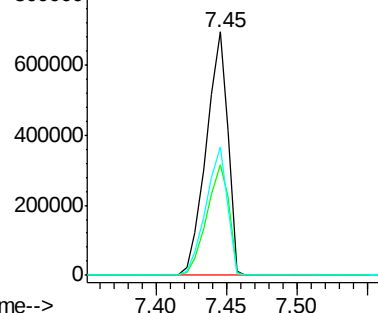
#23
 Nitrobenzene-d5
 Concen: 102.630 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100615.D
 Acq: 16 Nov 2017 4:20

Instrument :
 BNA_F
 ClientSampleId :
 111017-TDO-E-D-M

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	52.5	41.4	62.2

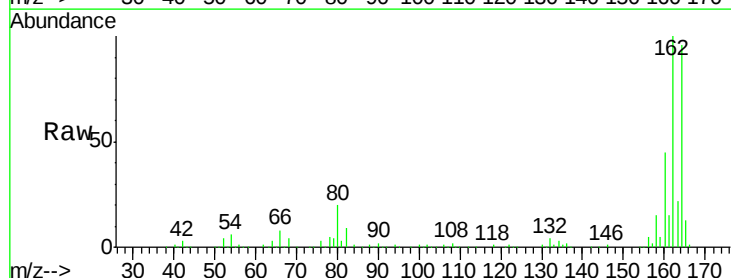


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

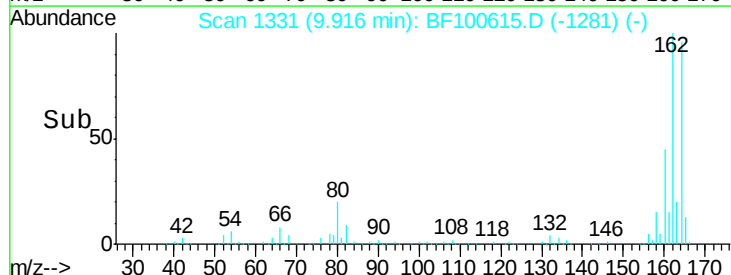
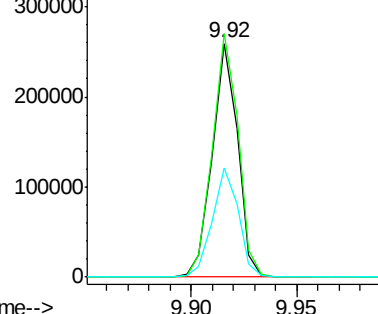


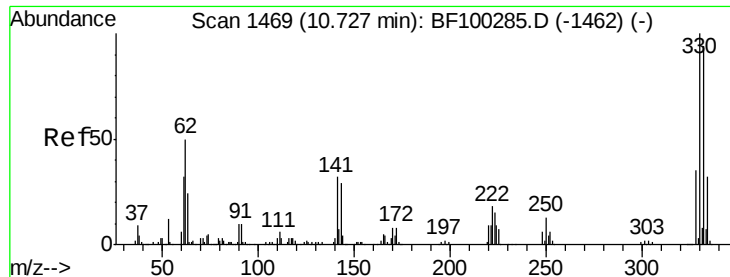
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100615.D
 Acq: 16 Nov 2017 4:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	46.6	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 93.209 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF100615.D

Acq: 16 Nov 2017 4:20

Instrument :

BNA_F

ClientSampleId :

111017-TDO-E-D-M

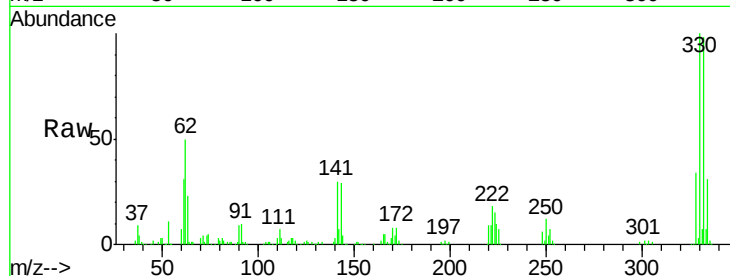
Tgt Ion:330 Resp: 203261

Ion Ratio Lower Upper

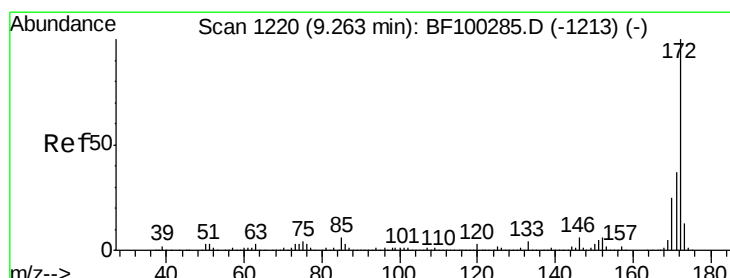
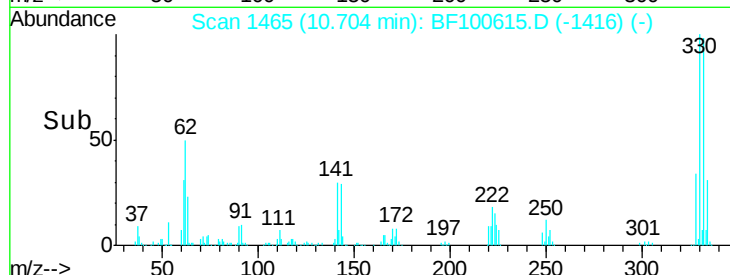
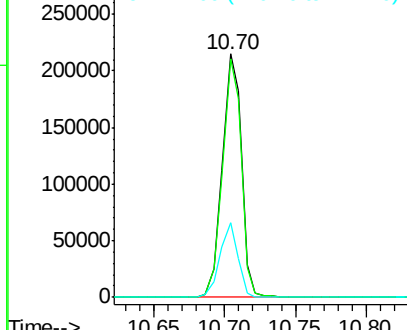
330 100

332 96.2 77.0 115.6

141 28.7 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: 94.646 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF100615.D

Acq: 16 Nov 2017 4:20

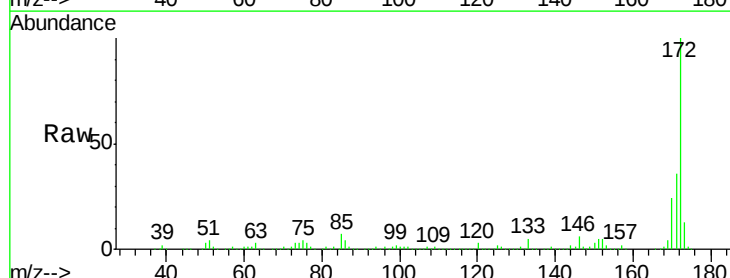
Tgt Ion:172 Resp: 1330180

Ion Ratio Lower Upper

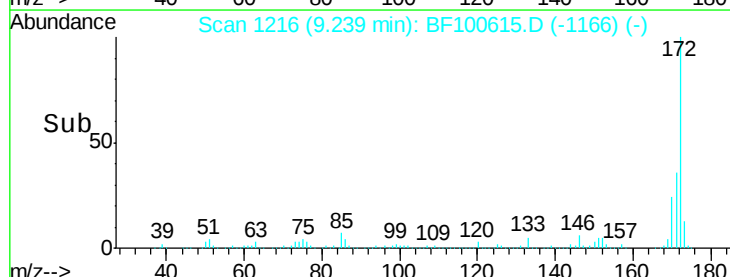
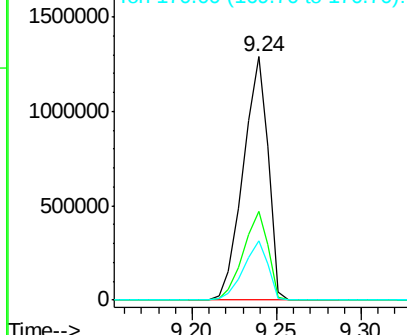
172 100

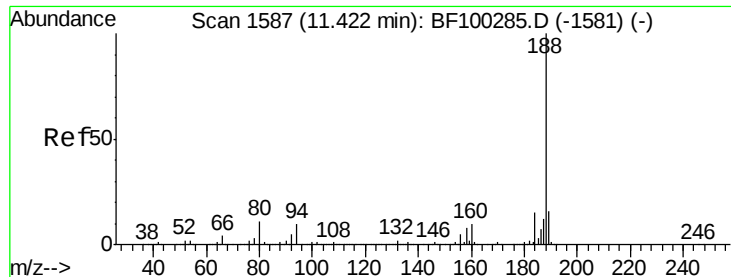
171 36.5 29.7 44.5

170 24.2 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

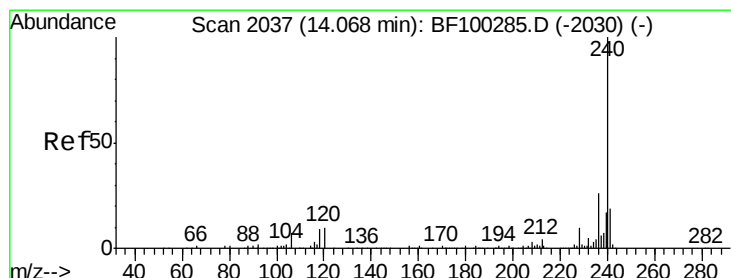
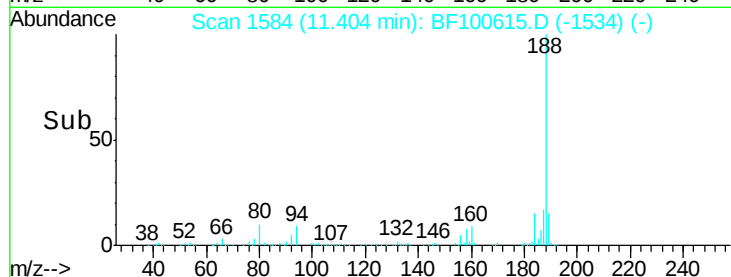
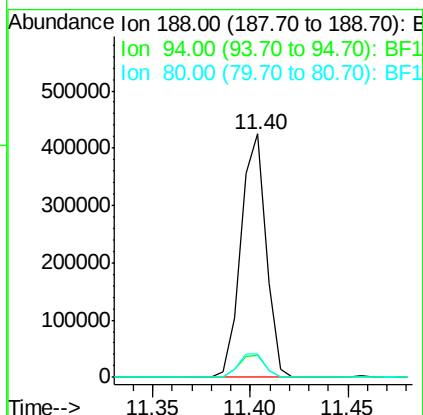
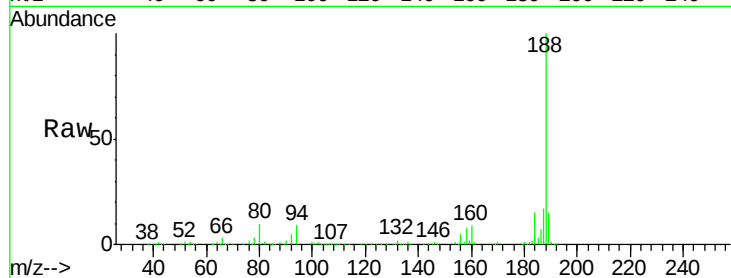




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

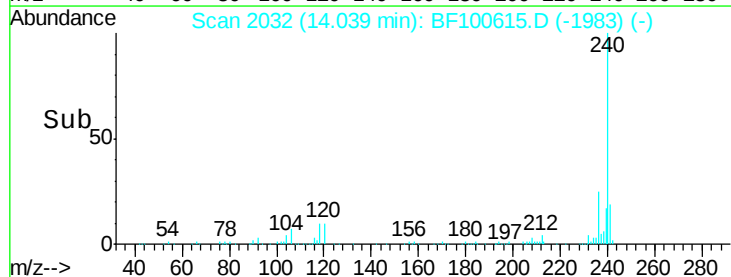
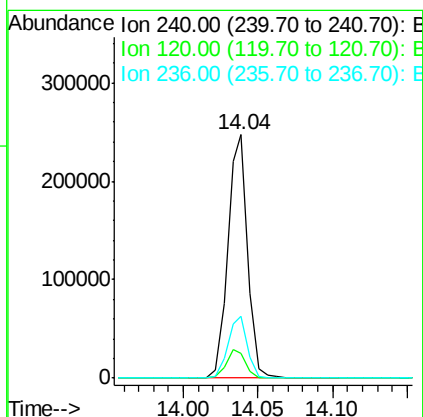
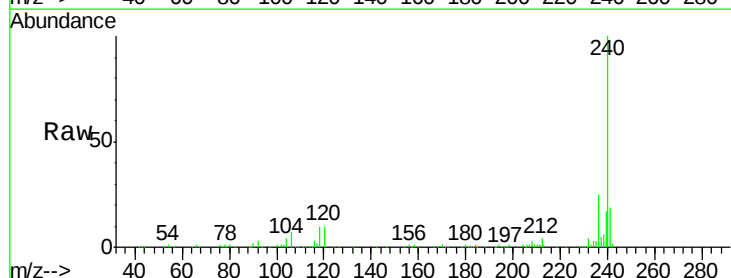
Instrument :
BNA_F
ClientSampleId :
111017-TDO-E-D-M

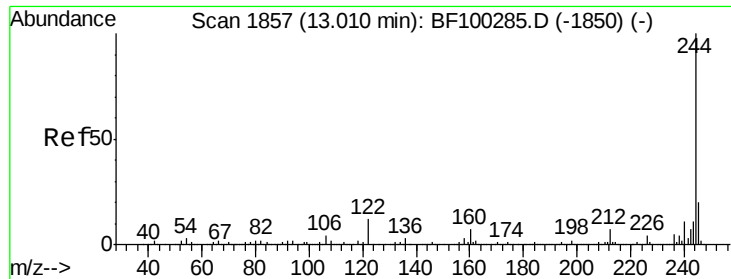
Tgt Ion:188 Resp: 379553
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100615.D
Acq: 16 Nov 2017 4:20

Tgt Ion:240 Resp: 231081
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 95.790 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100615.D

Acq: 16 Nov 2017 4:20

Instrument :

BNA_F

ClientSampleId :

111017-TDO-E-D-M

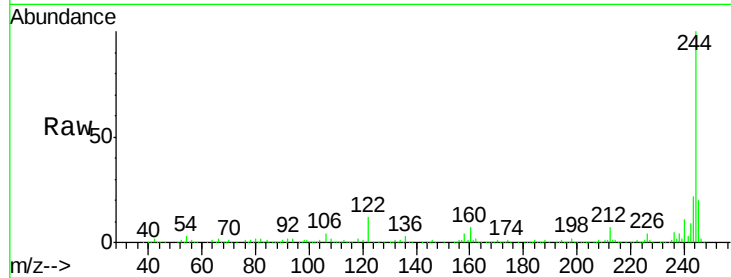
Tgt Ion:244 Resp: 963365

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

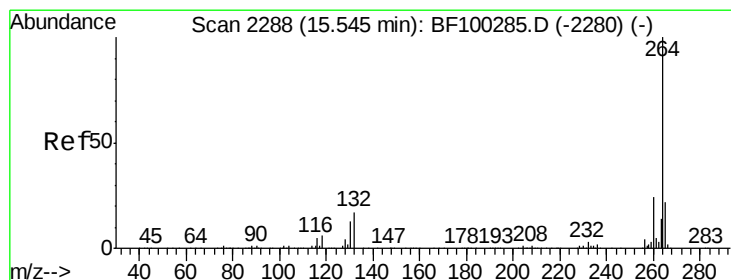
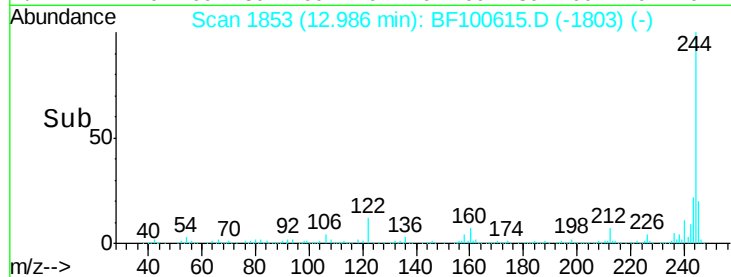
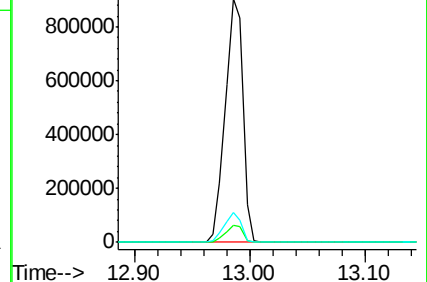
122 12.1 11.0 16.4



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: BF100615.D

Acq: 16 Nov 2017 4:20

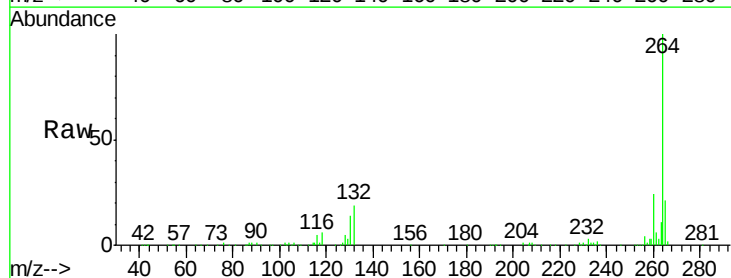
Tgt Ion:264 Resp: 244445

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.2 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

