

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
 Data File : BF100555.D
 Acq On : 14 Nov 2017 20:57
 Operator : SJ/JU
 Sample : I6307-03 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-B

Quant Time: Nov 15 02:53:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 14:17:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	109393	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	380931	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	137088	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	247108	20.00	ng	0.00
75) Chrysene-d12	14.04	240	254431	20.00	ng	0.00
86) Perylene-d12	15.52	264	173289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	54783	8.03	ng	0.00
7) Phenol-d6	6.50	99	67663	8.04	ng	-0.01
23) Nitrobenzene-d5	7.44	82	34811	6.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	9437	6.76	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	63733	7.08	ng	0.00
78) Terphenyl-d14	12.99	244	57344	5.18	ng	0.00

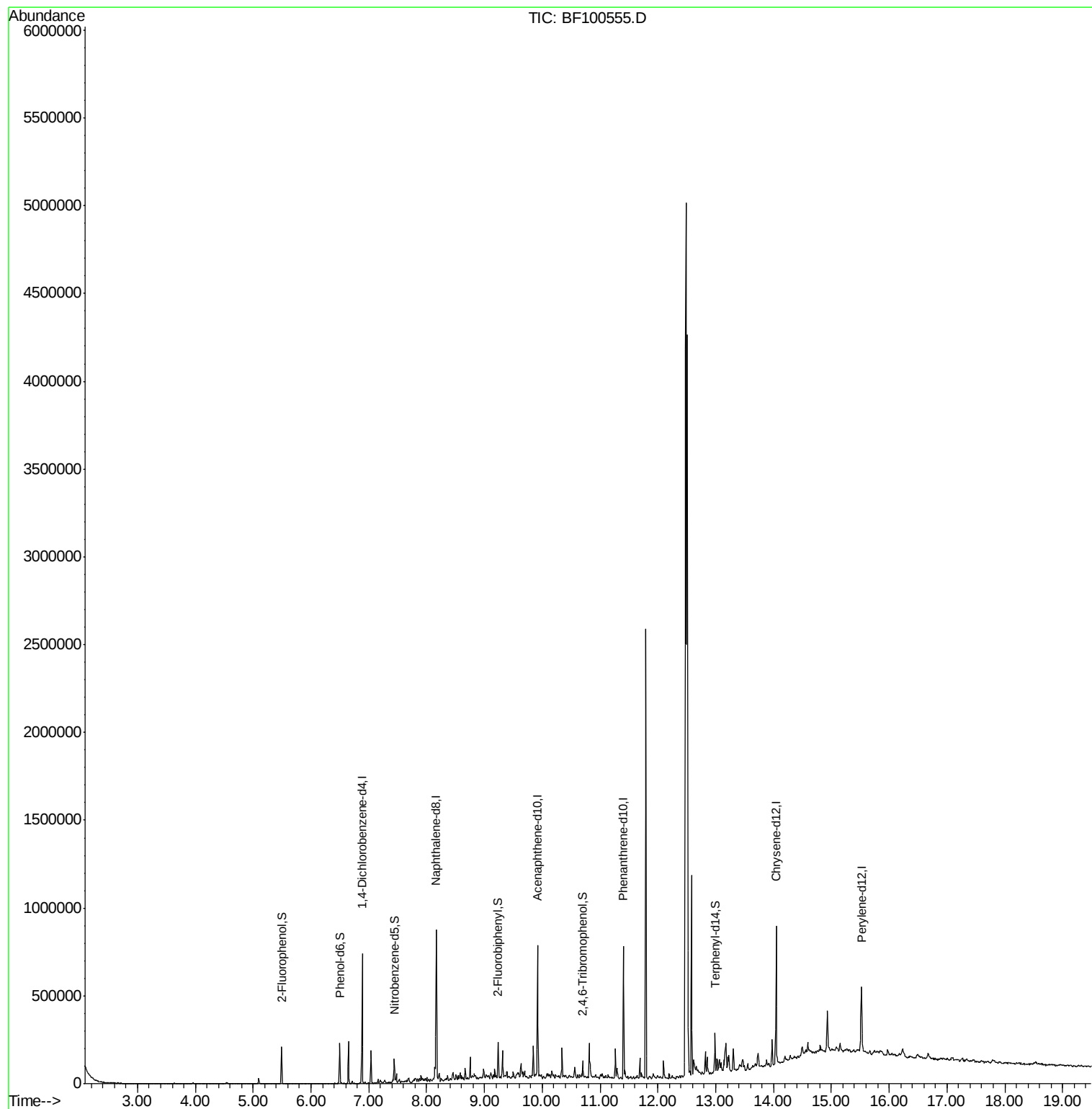
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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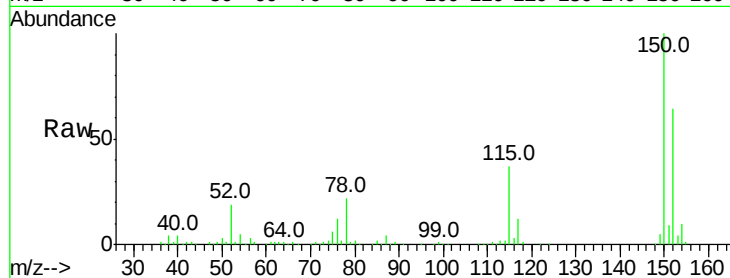


#1

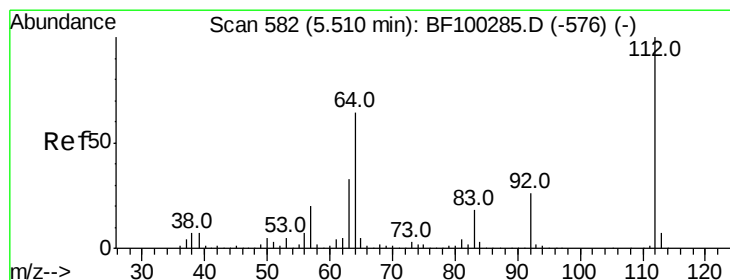
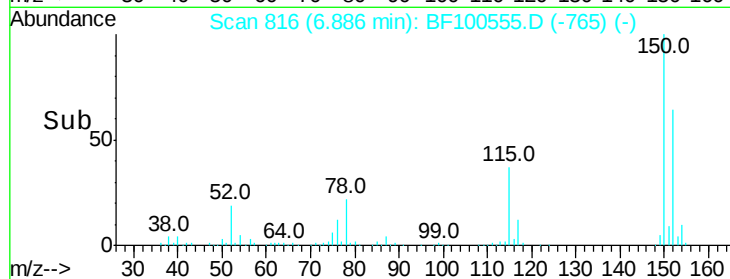
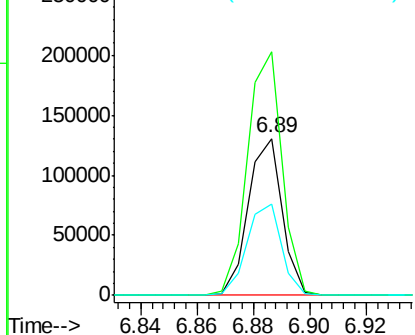
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF100555.D
Acq: 14 Nov 2017 20:57

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-B

Tot Ion:152 Resp: 109393
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 57.9 50.1 75.1



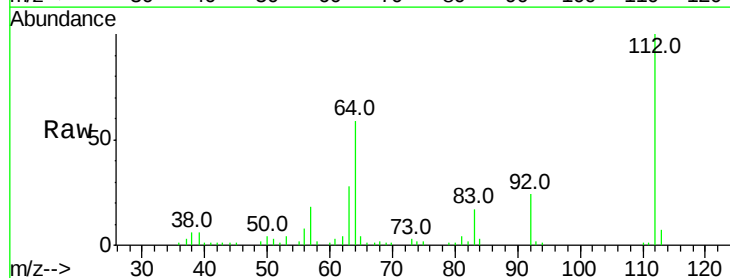
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



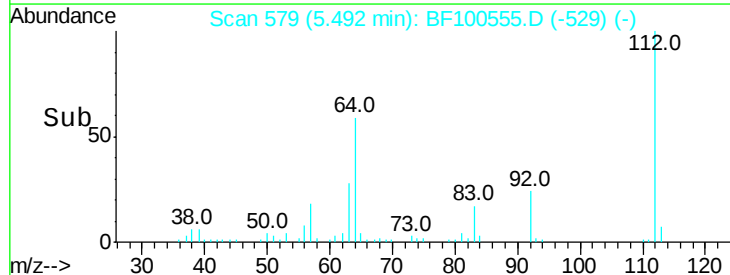
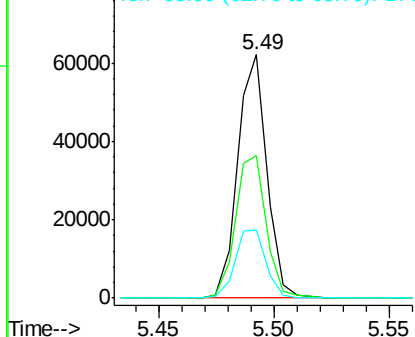
#5

2-Fluorophenol
Concen: 8.028 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF100555.D
Acq: 14 Nov 2017 20:57

Tgt Ion:112 Resp: 54783
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 28.2 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: 8.040 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100555.D

Acq: 14 Nov 2017 20:57

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-B

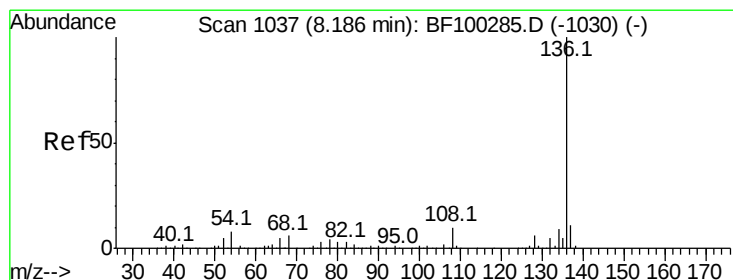
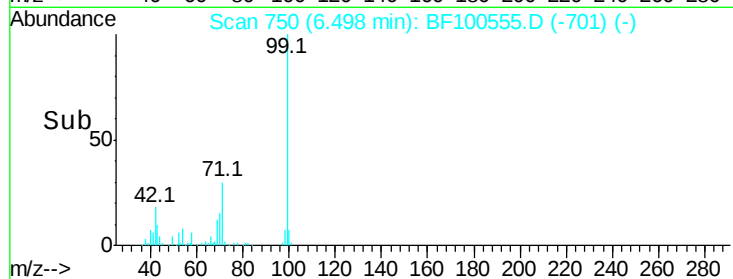
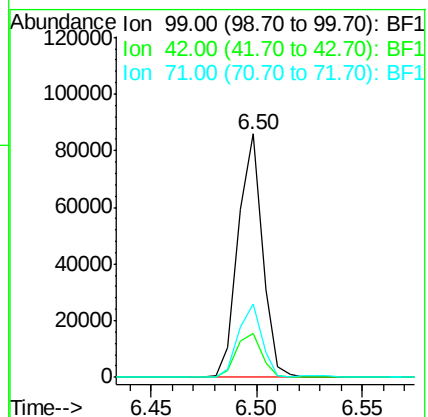
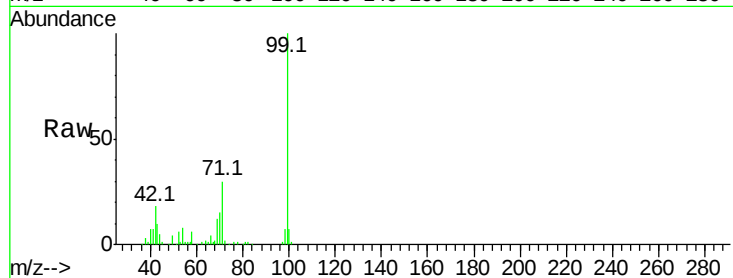
Tot Ion: 99 Resp: 67663

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

71 30.2 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF100555.D

Acq: 14 Nov 2017 20:57

Tgt Ion: 136 Resp: 380931

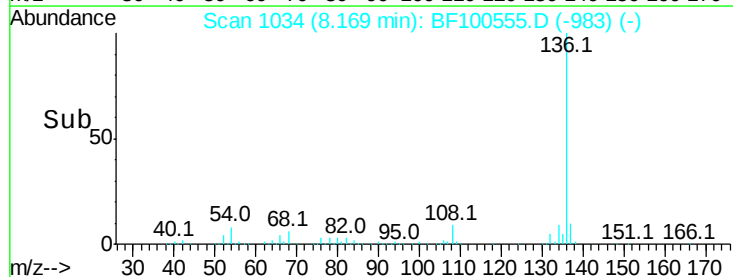
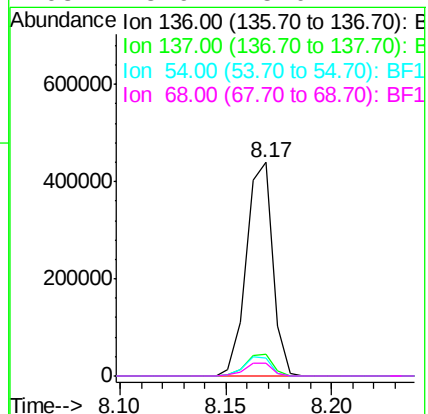
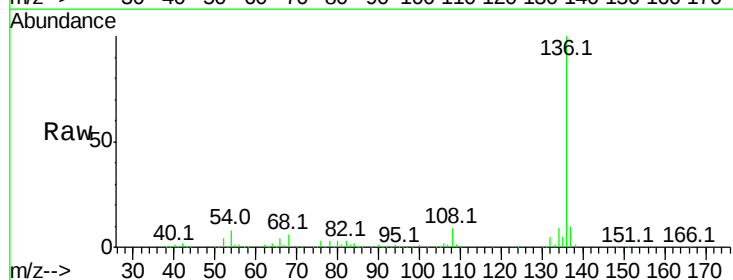
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 8.1 6.6 9.8

68 5.9 5.0 7.4

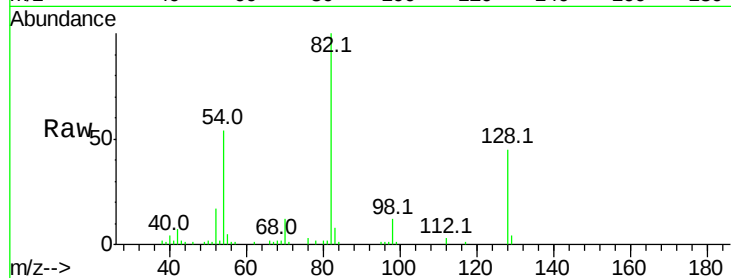




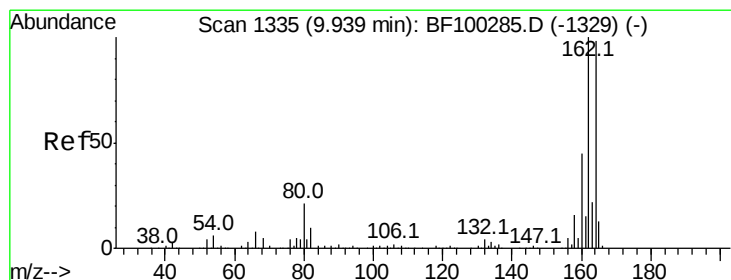
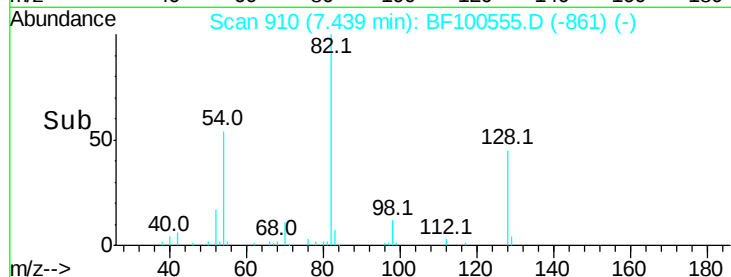
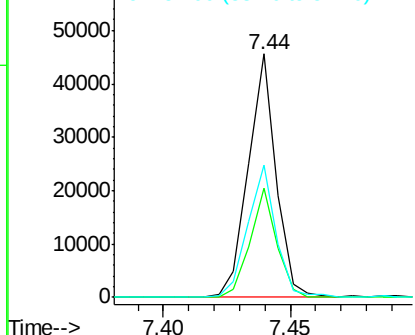
#23
Nitrobenzene-d5
Concen: 6.042 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100555.D
Acq: 14 Nov 2017 20:57

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-B

Tot Ion: 82 Resp: 34811
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 54.2 41.4 62.2

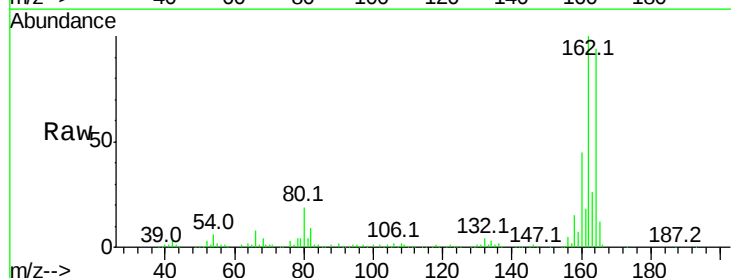


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

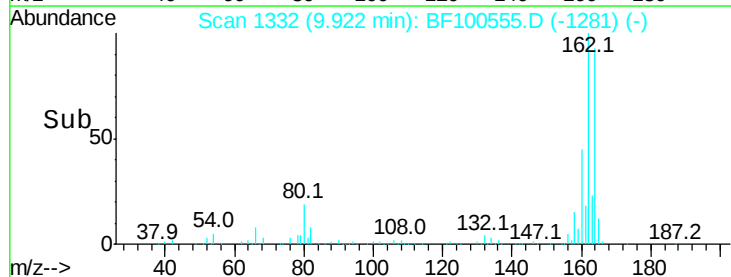
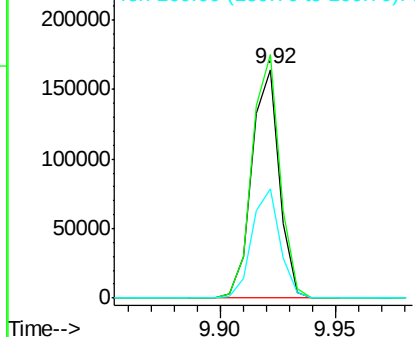


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF100555.D
Acq: 14 Nov 2017 20:57

Tgt Ion: 164 Resp: 137088
Ion Ratio Lower Upper
164 100
162 106.7 86.1 129.1
160 47.8 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

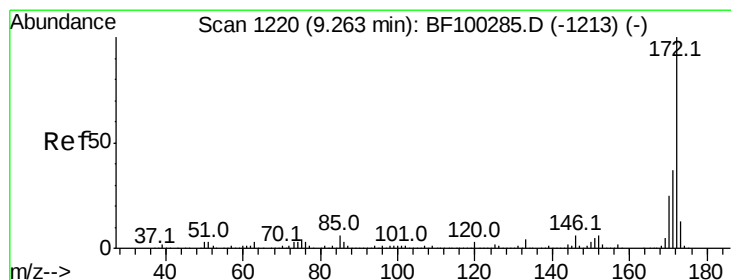
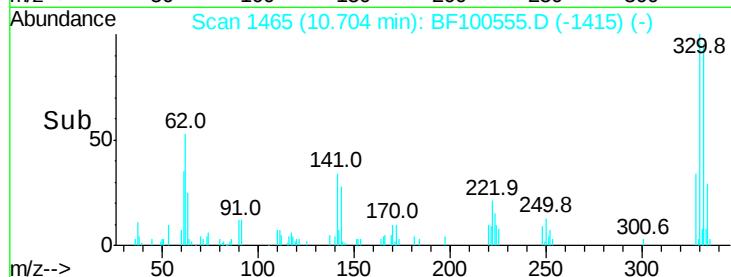
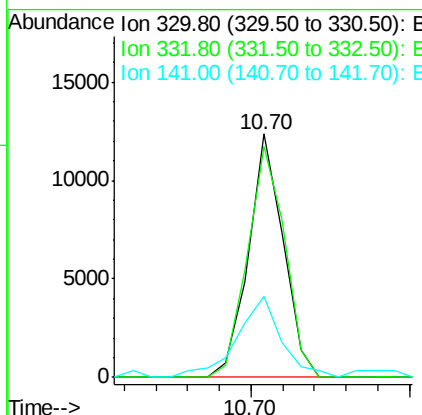
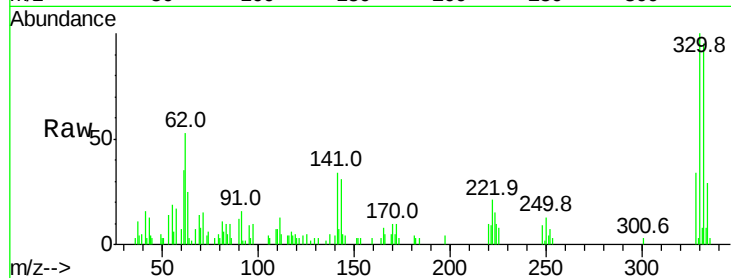




#41
 2,4,6-Tribromophenol
 Concen: 6.756 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100555.D
 Acq: 14 Nov 2017 20:57

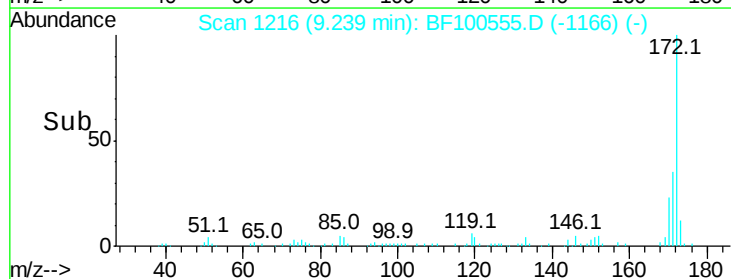
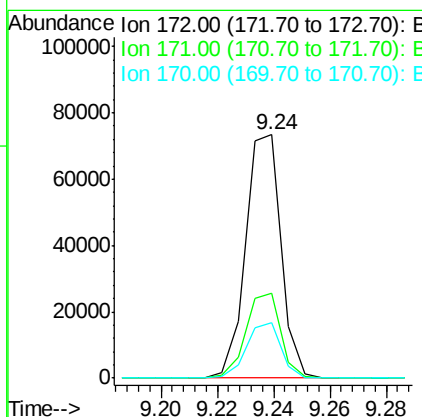
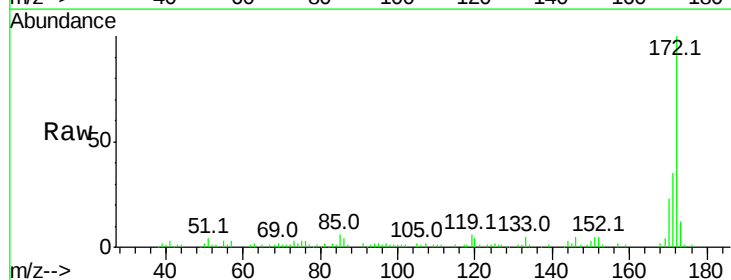
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-B

Tot Ion:330 Resp: 9437
 Ion Ratio Lower Upper
 330 100
 332 101.7 77.0 115.6
 141 42.4 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 7.079 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100555.D
 Acq: 14 Nov 2017 20:57

Tgt Ion:172 Resp: 63733
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 22.6 19.6 29.4

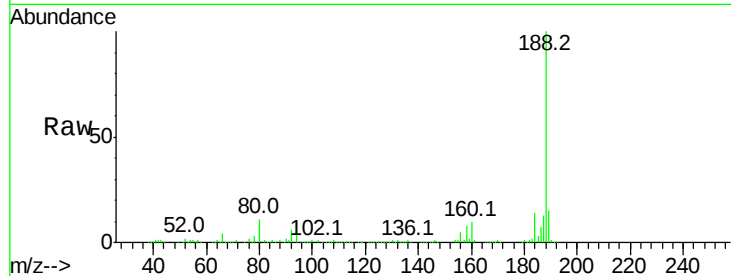




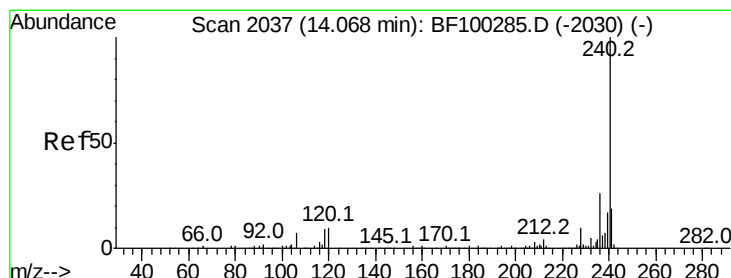
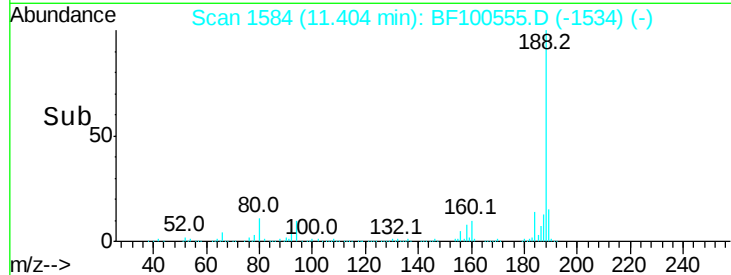
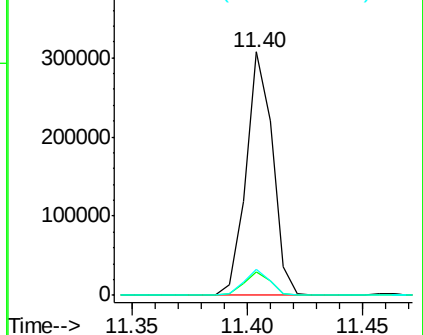
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100555.D
Acq: 14 Nov 2017 20:57

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-B

Tot Ion:188 Resp: 247108
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.6 9.2 13.8

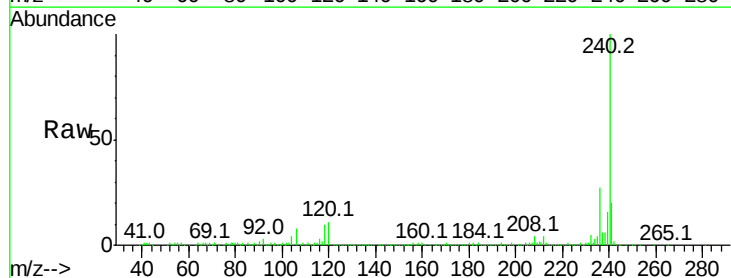


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

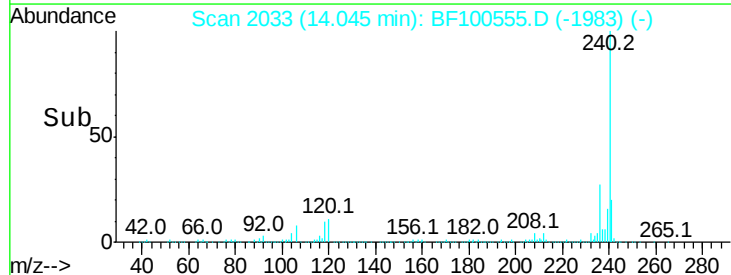
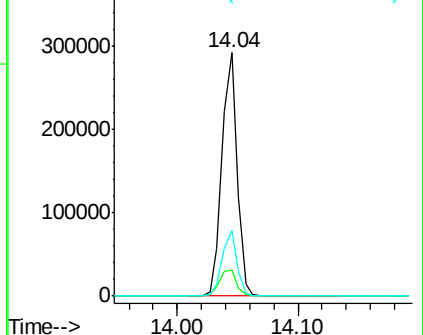


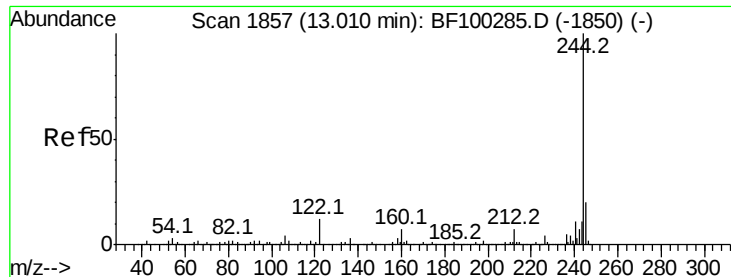
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100555.D
Acq: 14 Nov 2017 20:57

Tgt Ion:240 Resp: 254431
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 26.9 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: 5.179 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100555.D

Acq: 14 Nov 2017 20:57

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-B

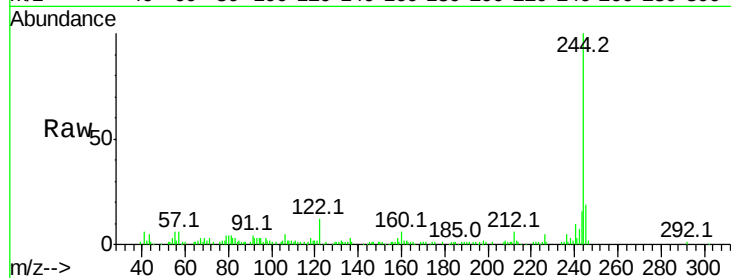
Tot Ion:244 Resp: 57344

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

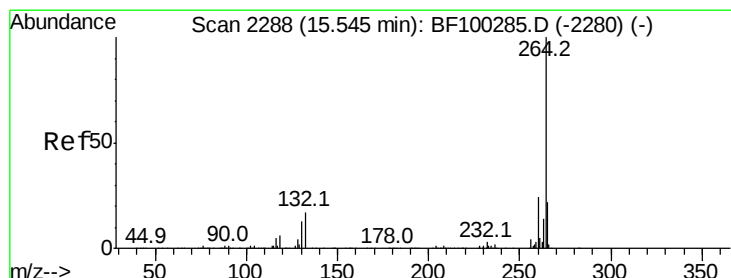
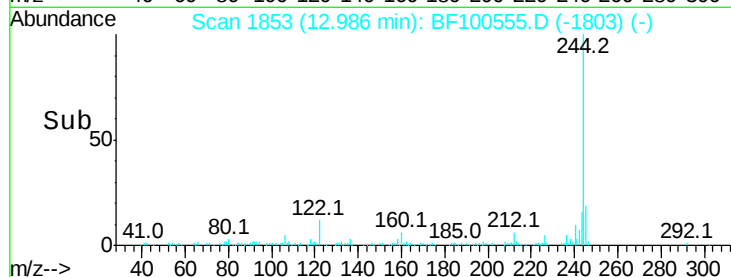
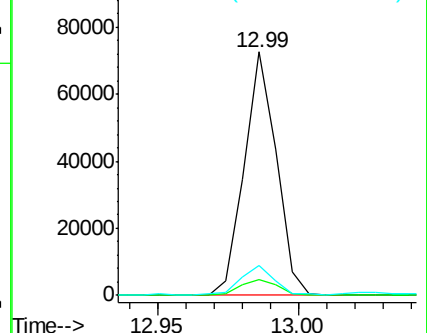
122 12.1 11.0 16.4



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: 15.52 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BF100555.D

Acq: 14 Nov 2017 20:57

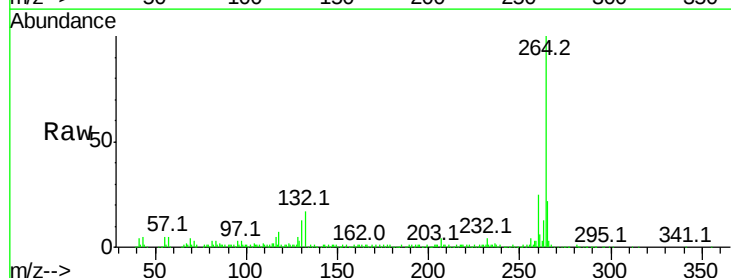
Tgt Ion:264 Resp: 173289

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.5 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

