

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
 Data File : BF100576.D
 Acq On : 15 Nov 2017 8:20
 Operator : SJ/JU
 Sample : I6307-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Nov 15 11:18:41 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

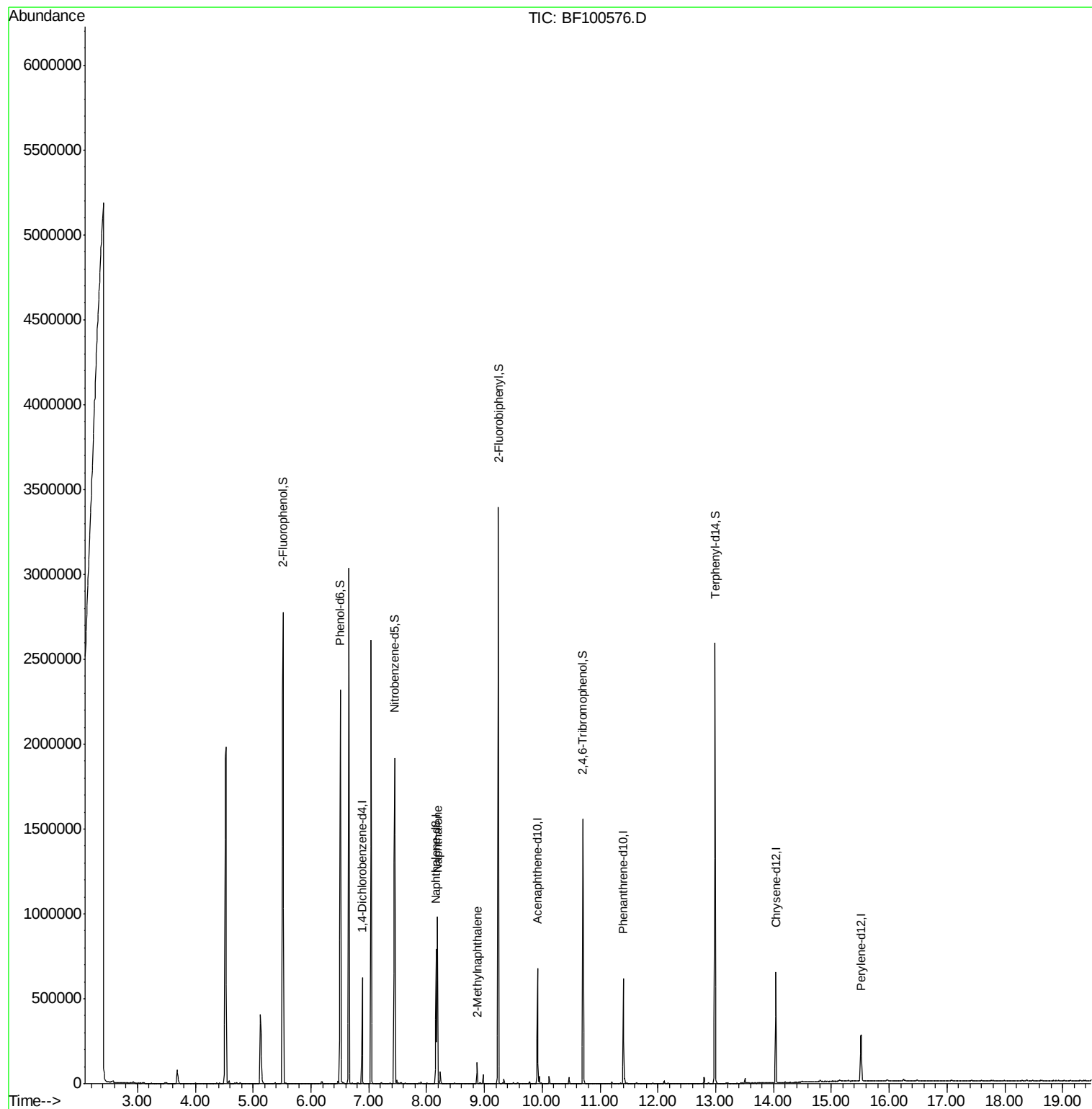
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	97142	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	341191	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	125391	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	207860	20.00	ng	0.00
75) Chrysene-d12	14.04	240	202960	20.00	ng	-0.01
86) Perylene-d12	15.52	264	131902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	849232	140.14	ng	0.02
7) Phenol-d6	6.51	99	916999	122.71	ng	0.00
23) Nitrobenzene-d5	7.45	82	679370	131.64	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	211953	165.88	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1138107	138.21	ng	0.00
78) Terphenyl-d14	12.99	244	921454	104.32	ng	0.00
Target Compounds						
31) Naphthalene	8.19	128	389537	23.704	ng	Qvalue 100
37) 2-Methylnaphthalene	8.87	142	30551	2.800	ng	97

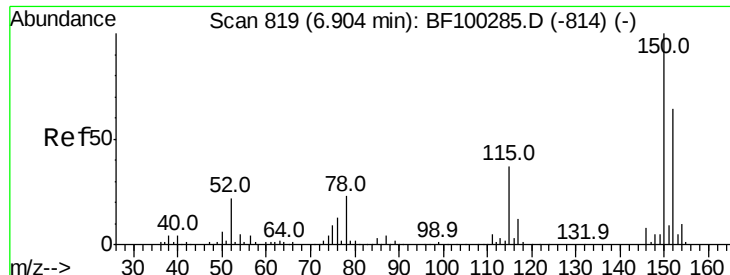
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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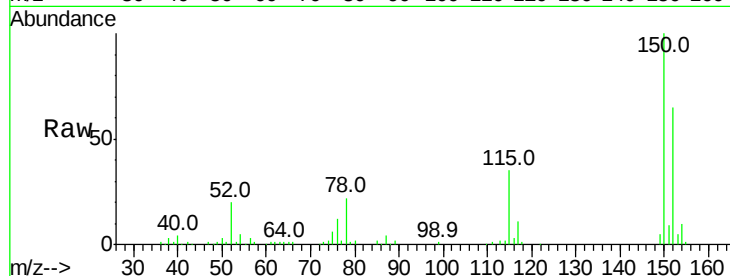


#1

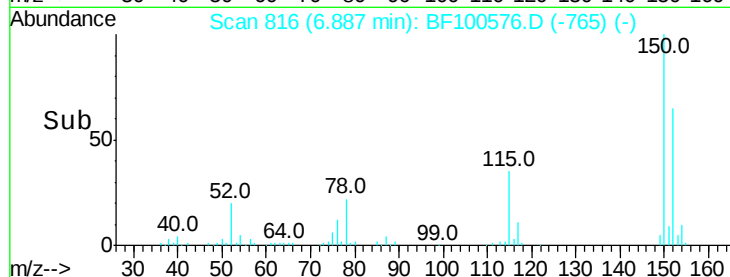
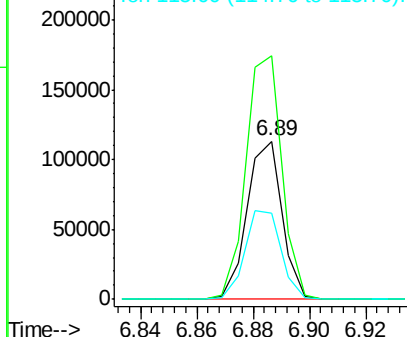
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

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

Tot Ion:152 Resp: 97142
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 54.5 50.1 75.1



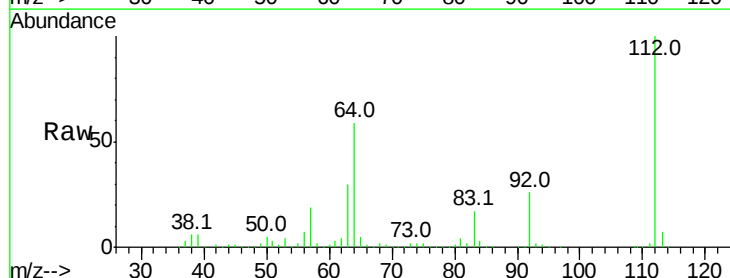
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



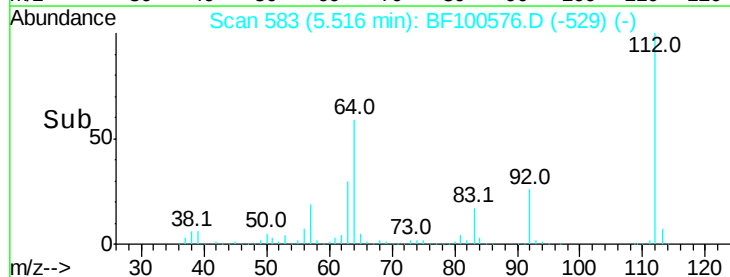
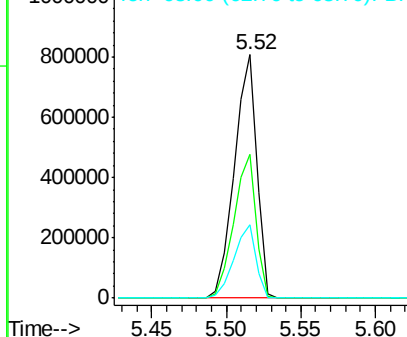
#5

2-Fluorophenol
Concen: 140.136 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Tgt Ion:112 Resp: 849232
Ion Ratio Lower Upper
112 100
64 59.1 47.9 71.9
63 30.3 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: 122.711 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100576.D

Acq: 15 Nov 2017 8:20

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-B

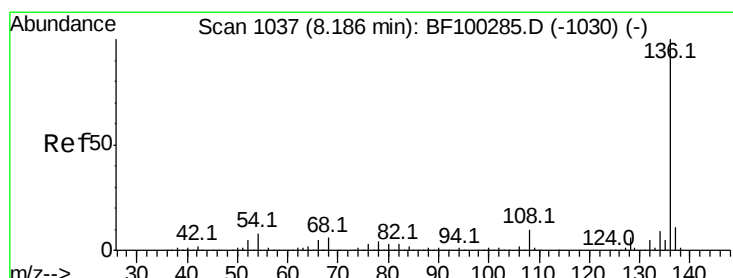
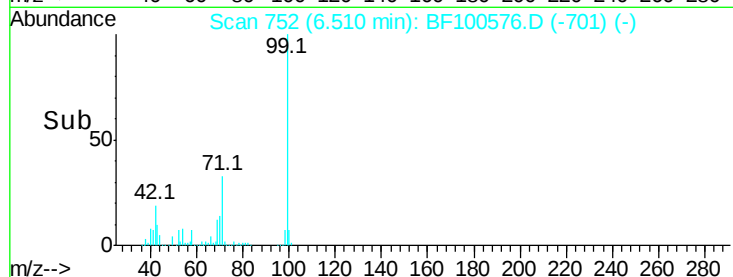
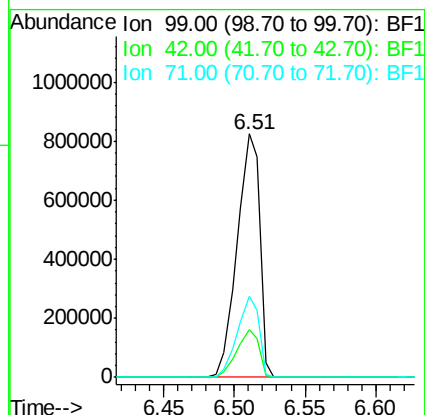
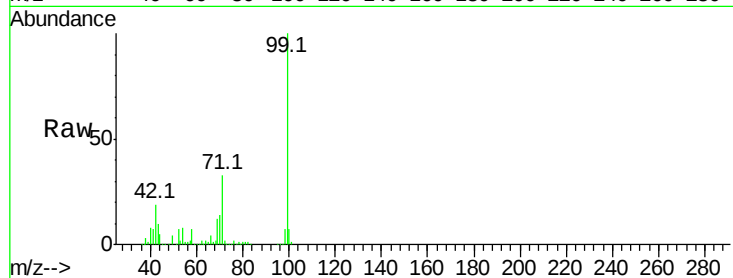
Tot Ion: 99 Resp: 916999

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 33.4 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: BF100576.D

Acq: 15 Nov 2017 8:20

Tgt Ion: 136 Resp: 341191

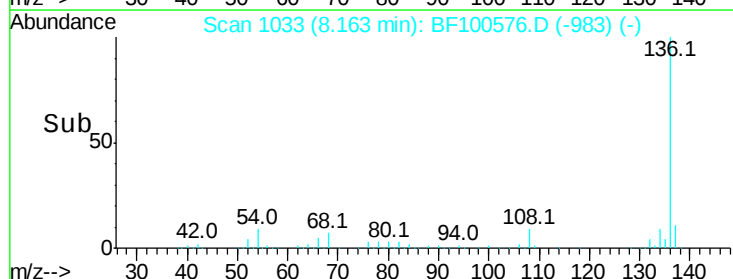
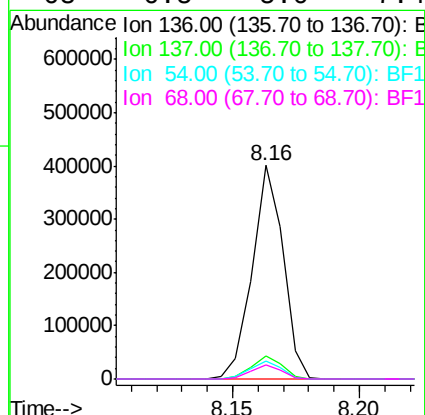
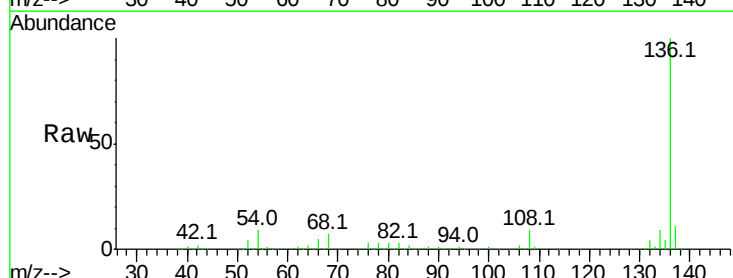
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.6 6.6 9.8

68 6.5 5.0 7.4

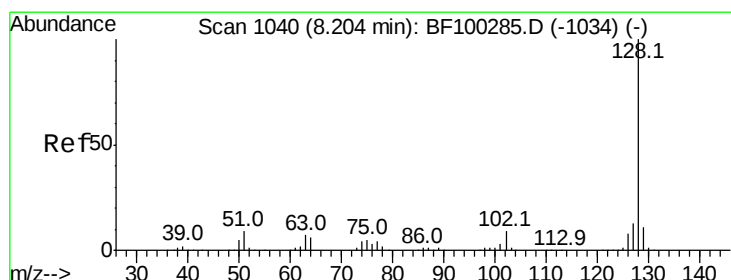
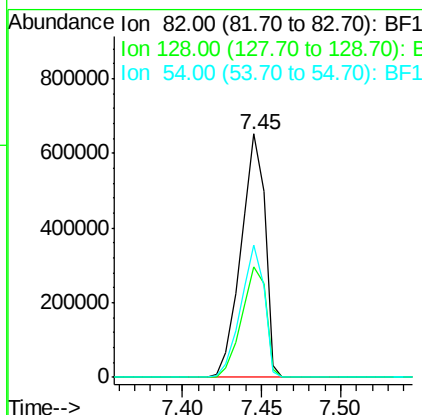
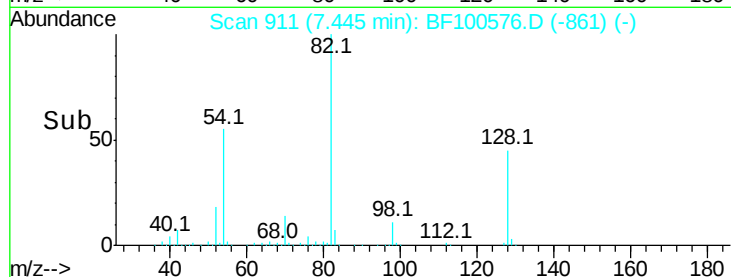
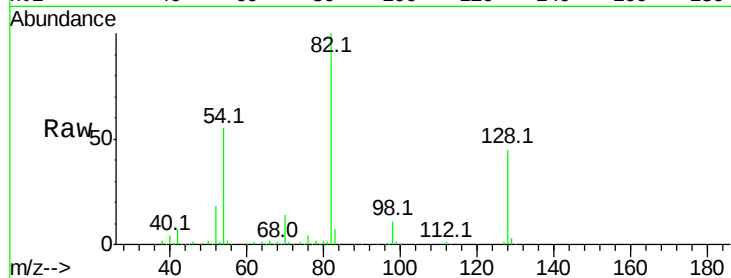




#23
Nitrobenzene-d5
Concen: 131.643 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

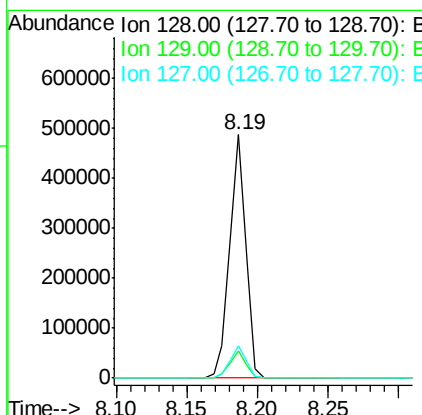
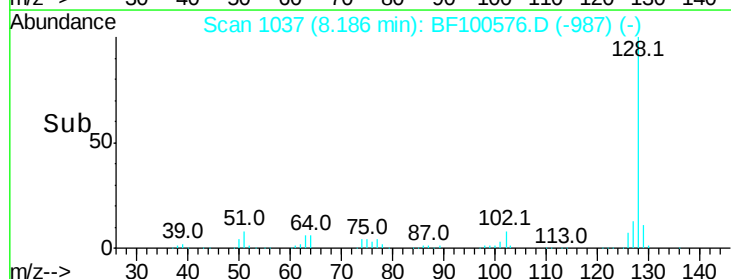
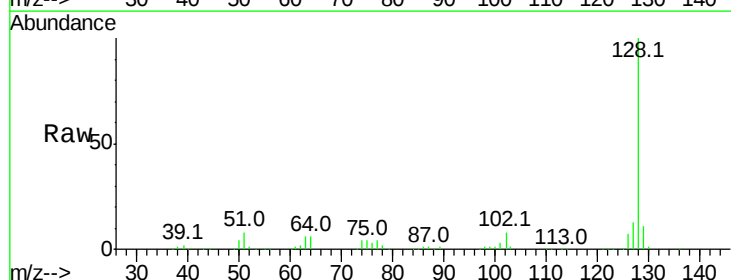
Instrument :
BNA_F
ClientSampleId :
EO-02-111017-B

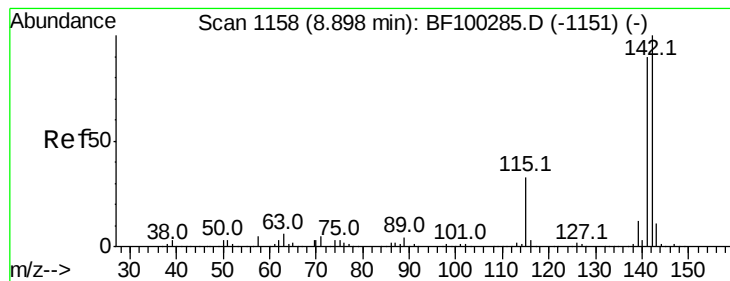
Tot Ion: 82 Resp: 679370
Ion Ratio Lower Upper
82 100
128 45.3 36.1 54.1
54 54.6 41.4 62.2



#31
Naphthalene
Concen: 23.704 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Tgt Ion: 128 Resp: 389537
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.9 16.3





#37

2-Methylnaphthalene

Concen: 2.800 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF100576.D

Acq: 15 Nov 2017 8:20

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-B

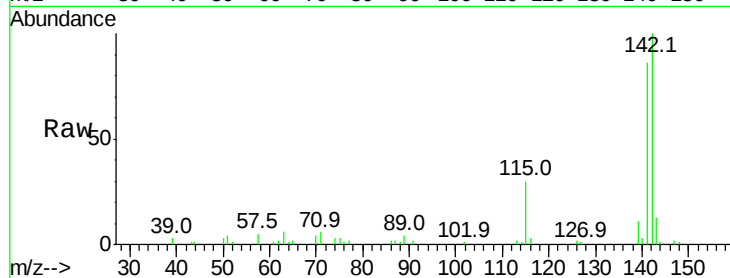
Tot Ion:142 Resp: 30551

Ion Ratio Lower Upper

142 100

141 86.4 70.8 106.2

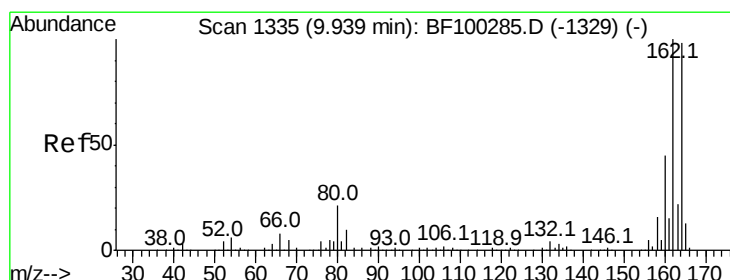
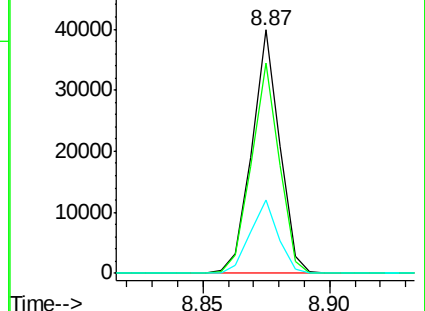
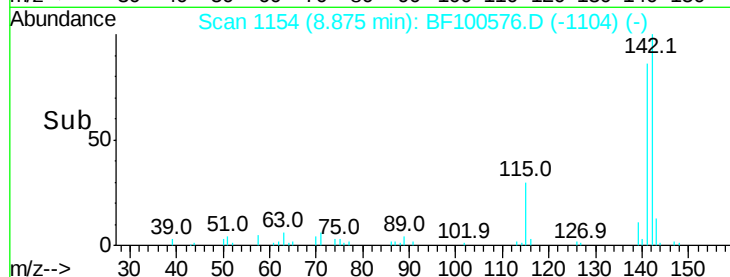
115 29.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100576.D

Acq: 15 Nov 2017 8:20

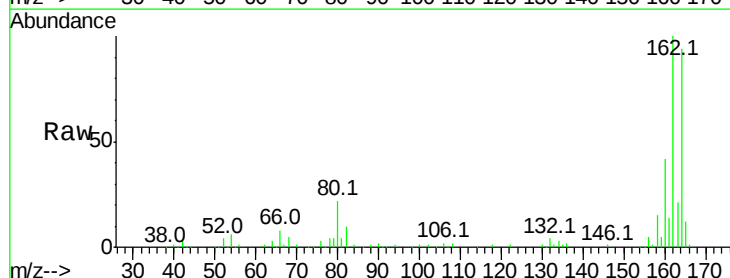
Tgt Ion:164 Resp: 125391

Ion Ratio Lower Upper

164 100

162 106.9 86.1 129.1

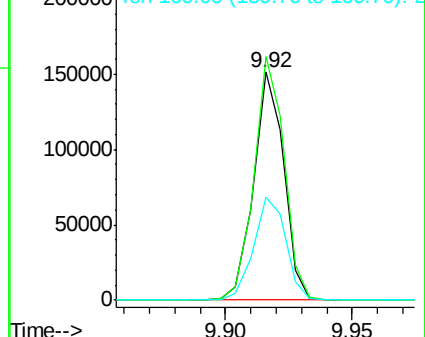
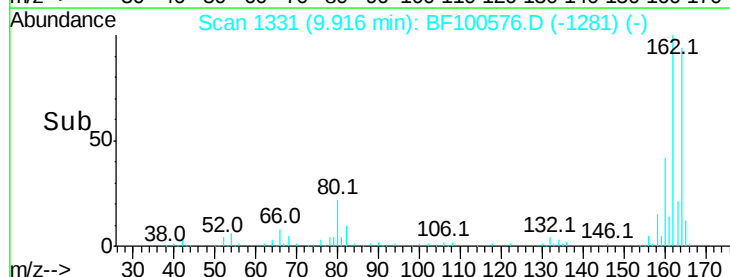
160 45.3 38.3 57.5



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

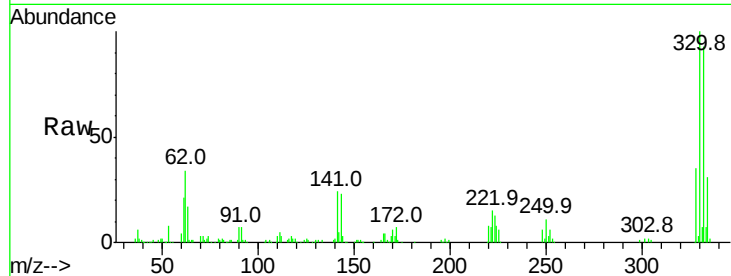




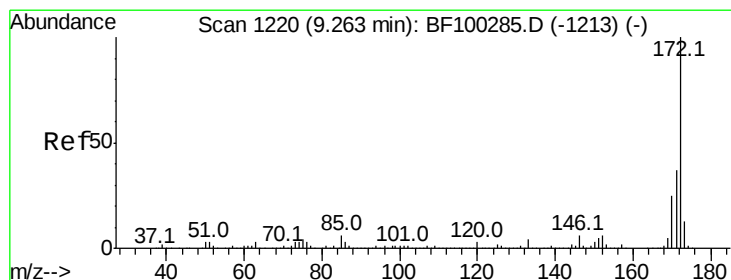
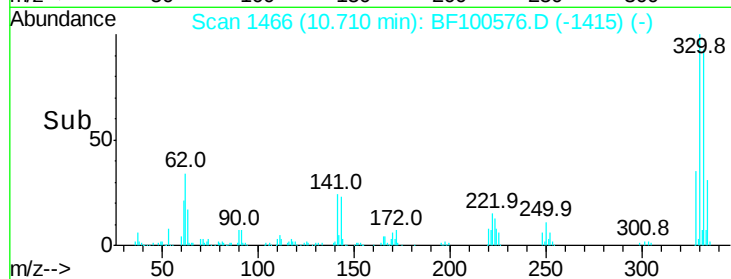
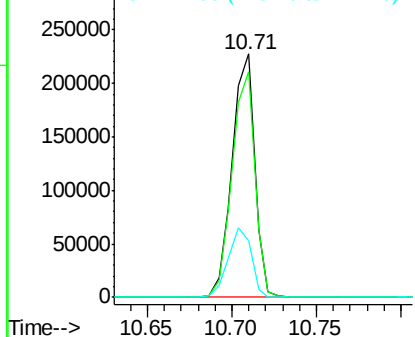
#41
 2,4,6-Tribromophenol
 Concen: 165.882 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100576.D
 Acq: 15 Nov 2017 8:20

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

Tot Ion:330 Resp: 211953
 Ion Ratio Lower Upper
 330 100
 332 93.8 77.0 115.6
 141 29.2 29.9 44.9#

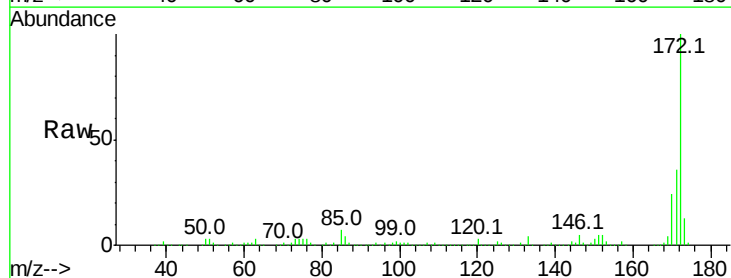


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

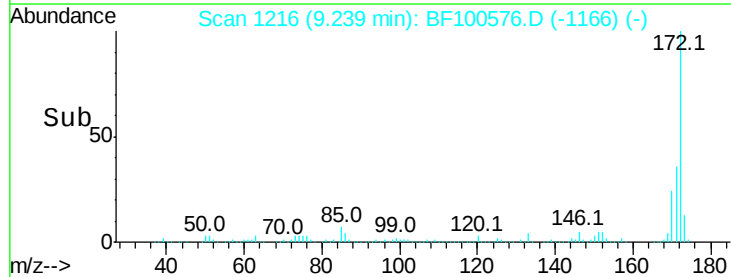
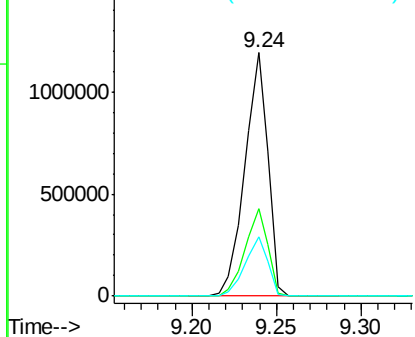


#44
 2-Fluorobiphenyl
 Concen: 138.208 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100576.D
 Acq: 15 Nov 2017 8:20

Tgt Ion:172 Resp: 1138107
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.4 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

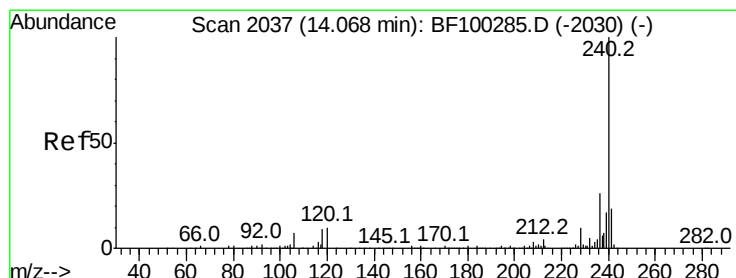
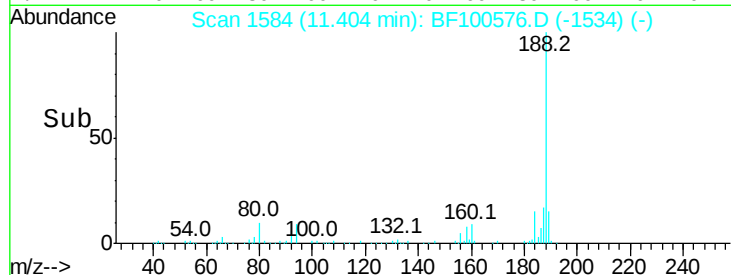
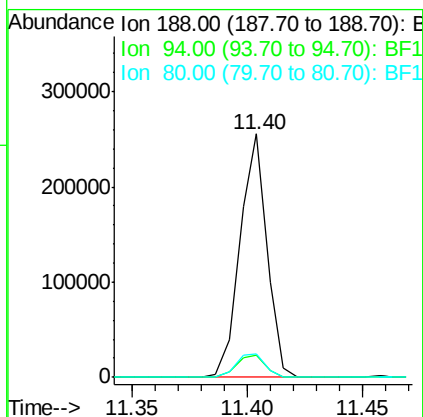
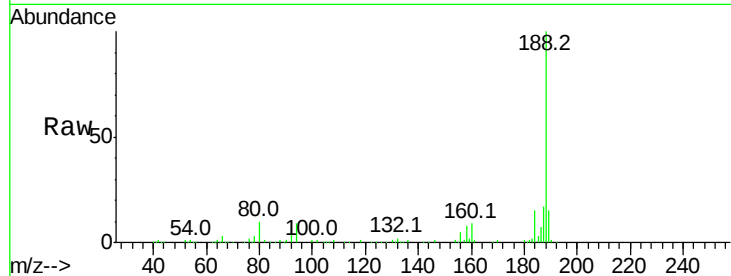




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

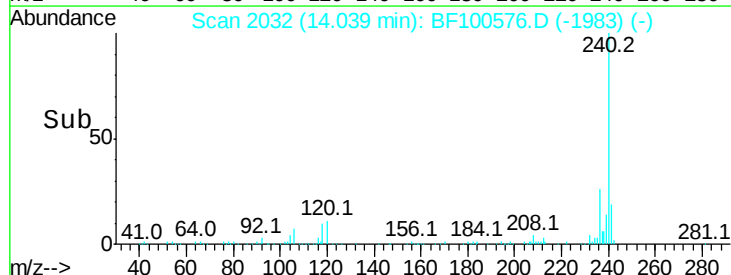
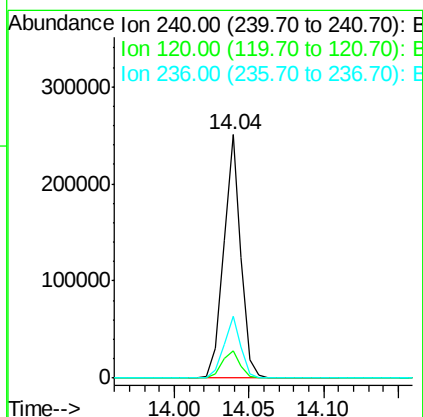
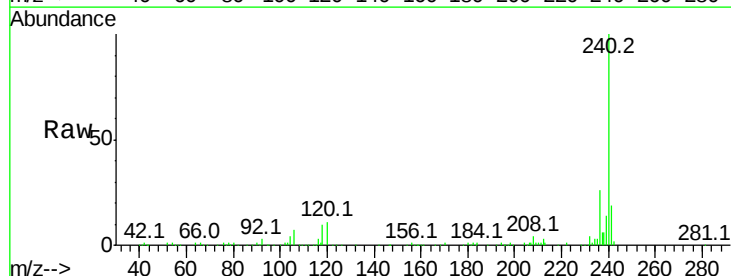
Instrument :
BNA_F
ClientSampleId :
EO-02-111017-B

Tot Ion:188 Resp: 207860
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.8 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: BF100576.D
Acq: 15 Nov 2017 8:20

Tgt Ion:240 Resp: 202960
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 104.318 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF100576.D

Acq: 15 Nov 2017 8:20

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-B

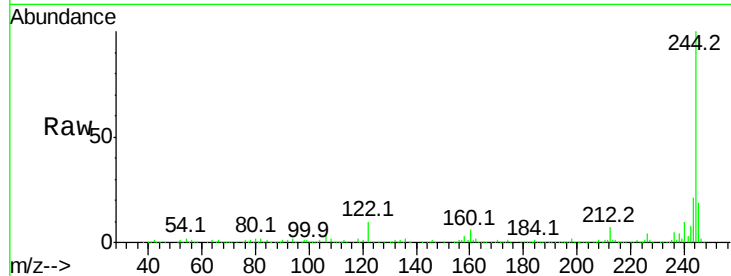
Tot Ion:244 Resp: 921454

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

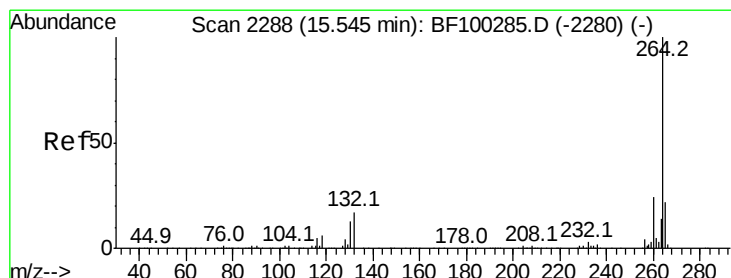
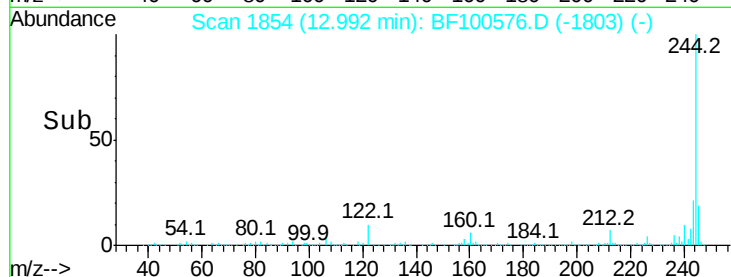
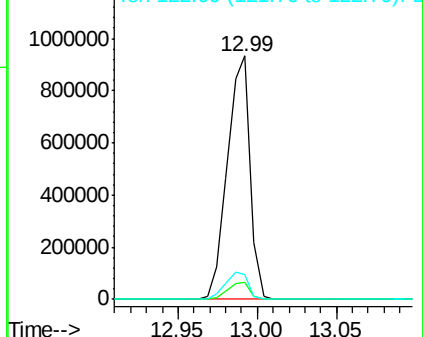
122 10.2 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF100576.D

Acq: 15 Nov 2017 8:20

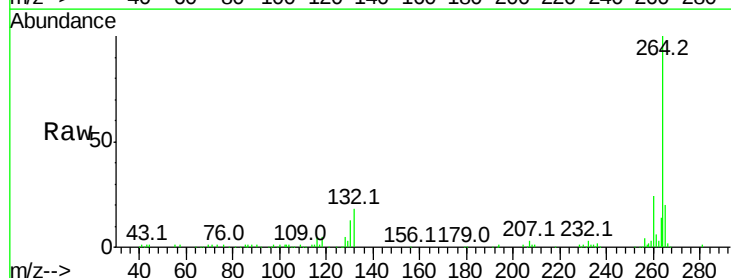
Tgt Ion:264 Resp: 131902

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.4 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

