

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF101005.D
 Acq On : 30 Nov 2017 4:49
 Operator : SJ/JU
 Sample : I6613-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FOUNDATION-ELEMENTS

Quant Time: Nov 30 05:20:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

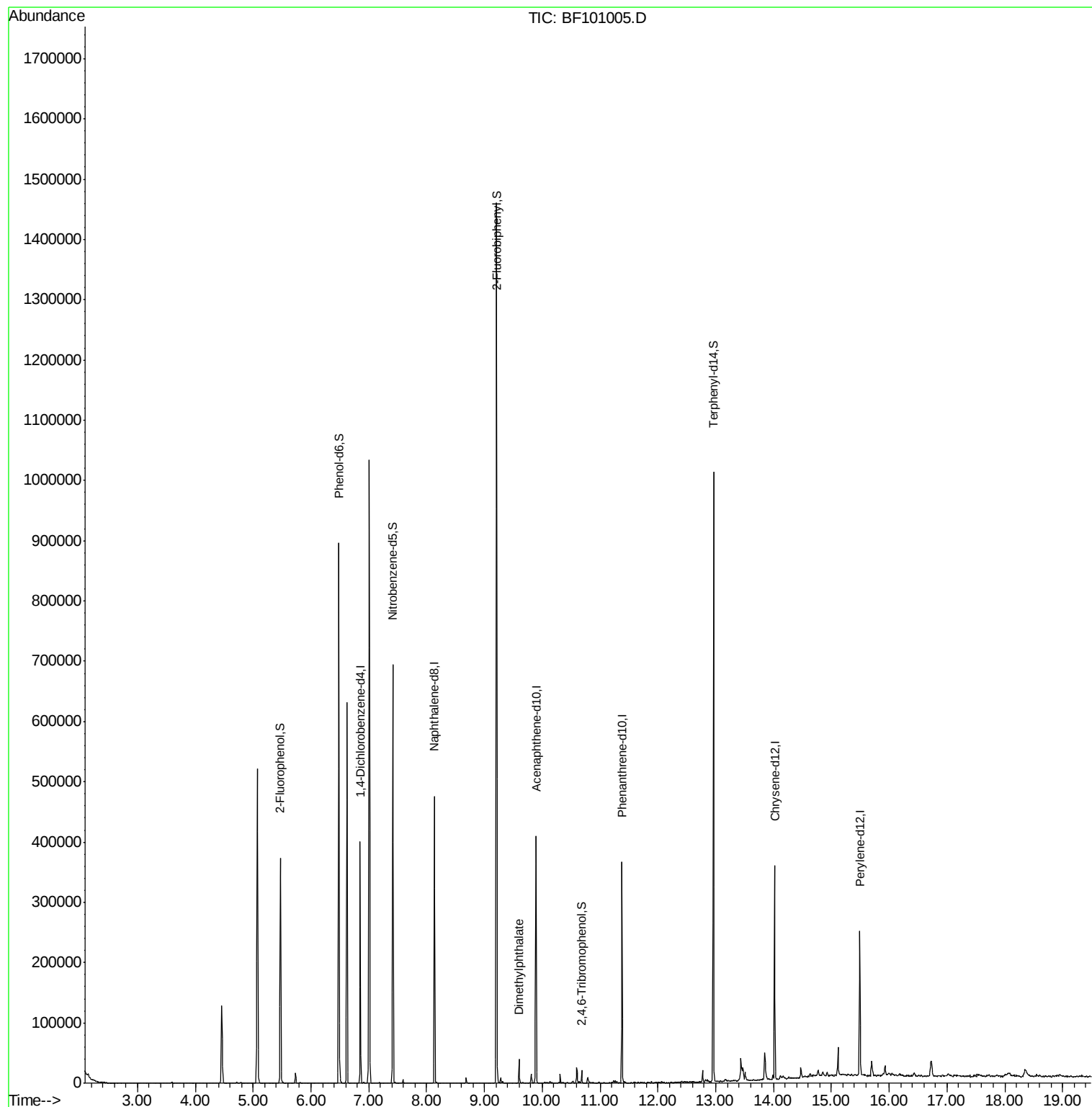
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	55919	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	204428	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	82368	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	134272	20.00	ng	0.00
75) Chrysene-d12	14.02	240	119430	20.00	ng	0.00
86) Perylene-d12	15.49	264	106373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	104514	29.96	ng	0.00
7) Phenol-d6	6.48	99	292839	68.08	ng	-0.01
23) Nitrobenzene-d5	7.42	82	209504	67.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	3387	4.04	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	425123	78.59	ng	0.00
78) Terphenyl-d14	12.96	244	329217	63.34	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.60	163	17122	2.723	ng	Qvalue # 97

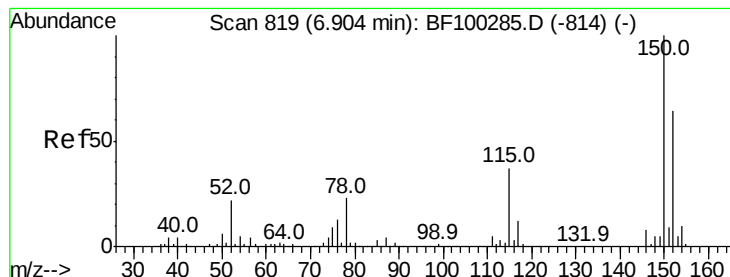
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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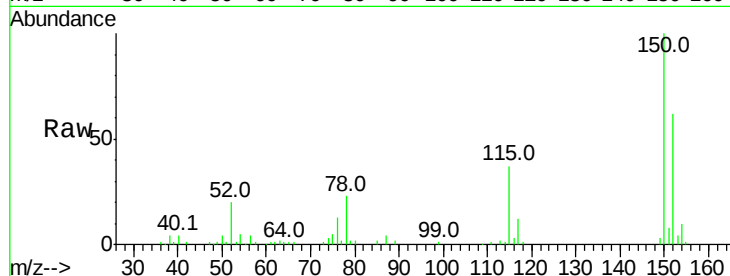


#1

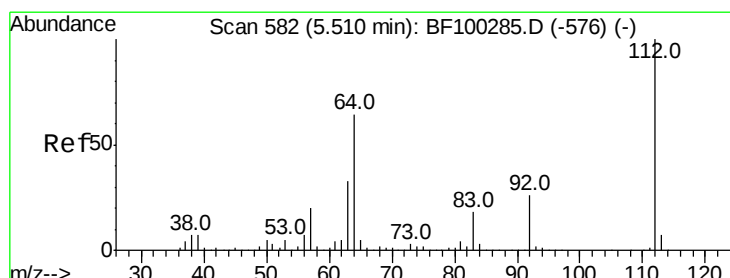
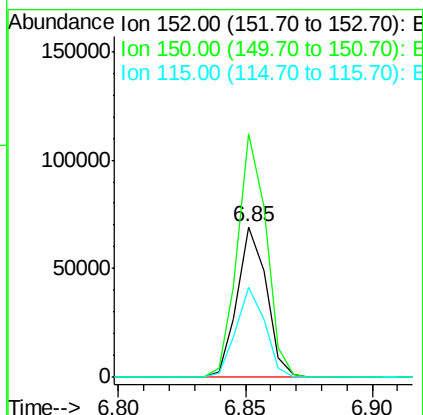
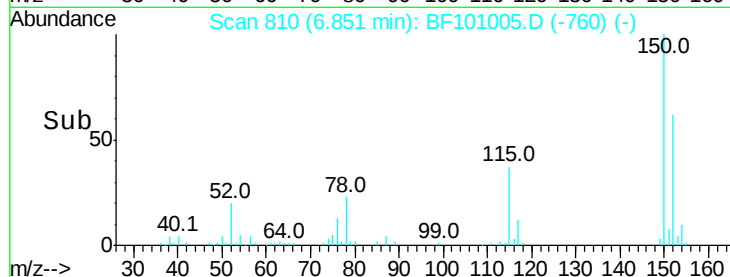
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF101005.D
Acq: 30 Nov 2017 4:49

Instrument :
BNA_F
ClientSampleId :
FOUNDATION-ELEMENTS

Tot Ion:152 Resp: 55919
Ion Ratio Lower Upper
152 100
150 161.7 124.6 186.8
115 59.8 50.1 75.1



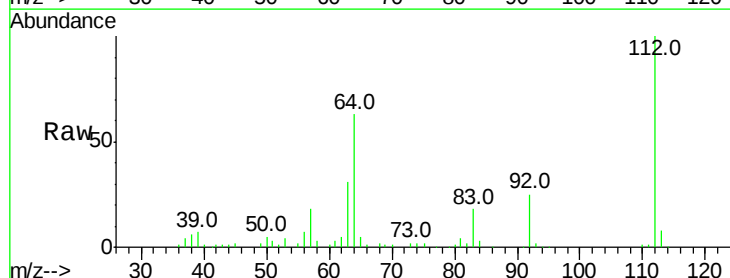
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



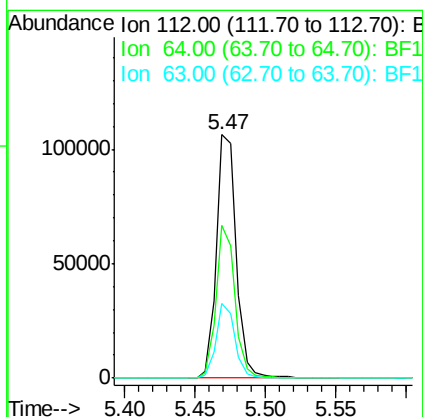
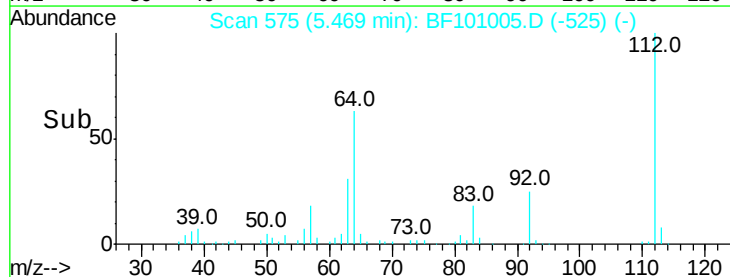
#5

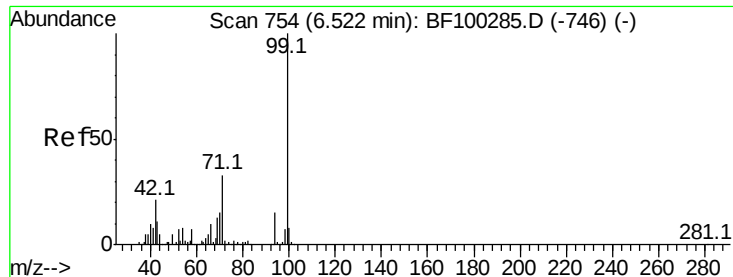
2-Fluorophenol
Concen: 29.960 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF101005.D
Acq: 30 Nov 2017 4:49

Tgt Ion:112 Resp: 104514
Ion Ratio Lower Upper
112 100
64 62.8 47.9 71.9
63 30.5 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: 68.075 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF101005.D

Acq: 30 Nov 2017 4:49

Instrument :

BNA_F

ClientSampleId :

FOUNDATION-ELEMENTS

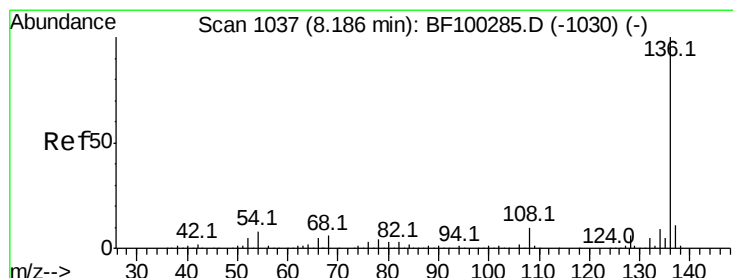
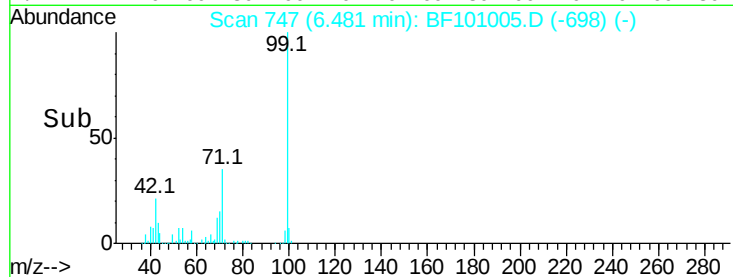
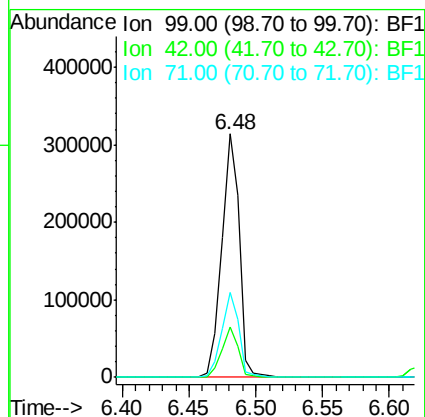
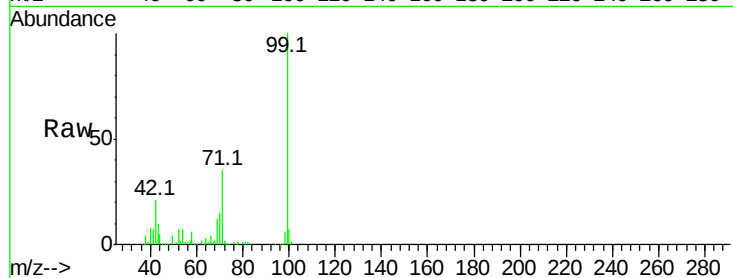
Tot Ion: 99 Resp: 292839

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

71 34.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF101005.D

Acq: 30 Nov 2017 4:49

Tgt Ion: 136 Resp: 204428

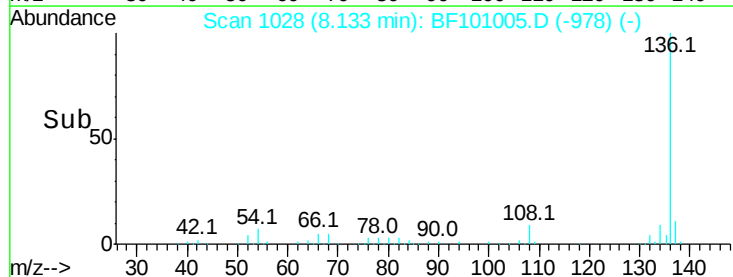
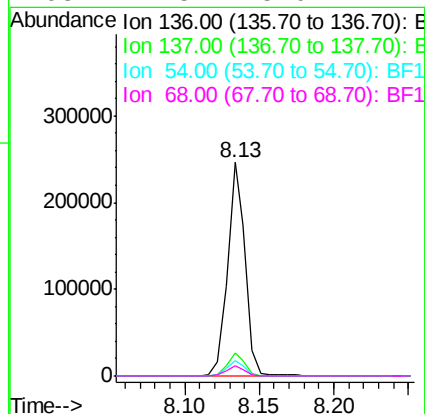
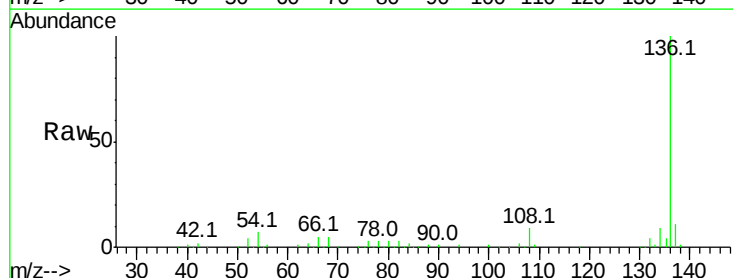
Ion Ratio Lower Upper

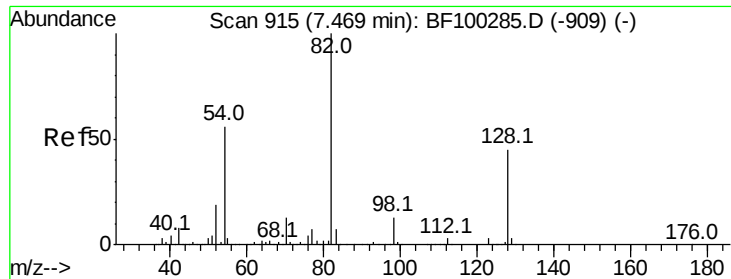
136 100

137 11.1 8.9 13.3

54 7.5 6.6 9.8

68 4.5 5.0 7.4#

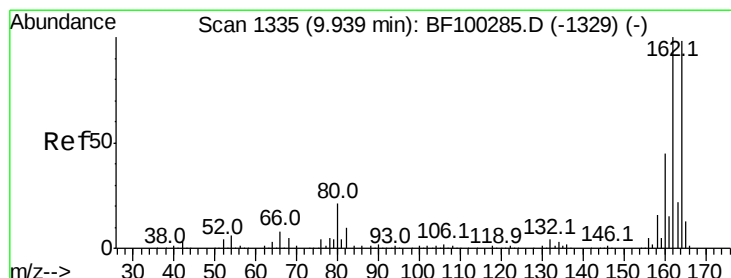
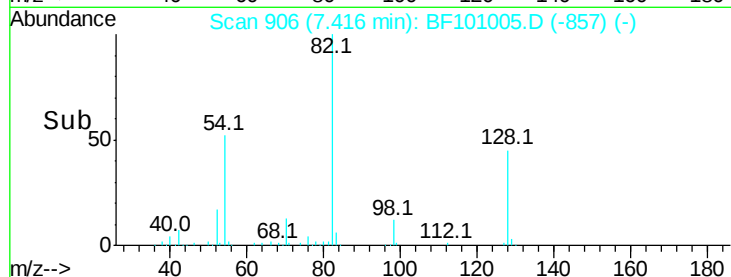
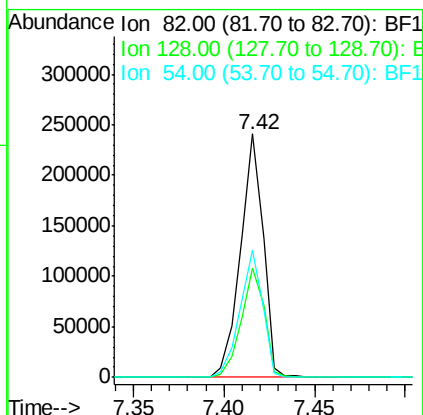
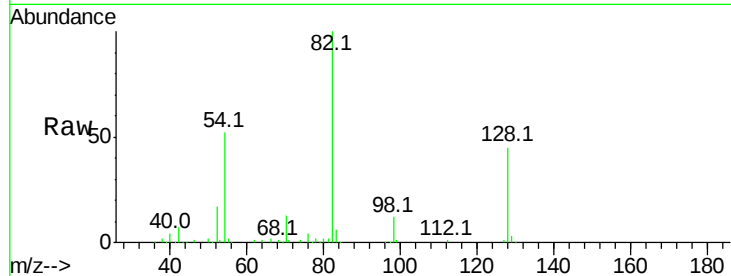




#23
Nitrobenzene-d5
Concen: 67.755 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF101005.D
Acq: 30 Nov 2017 4:49

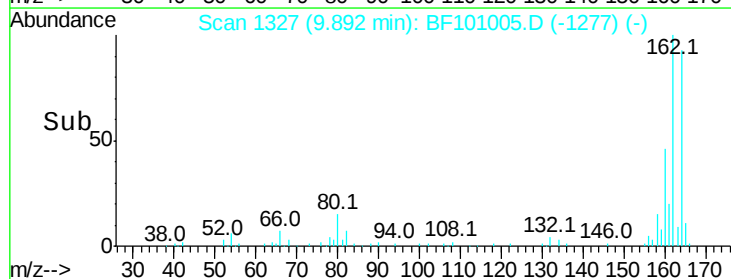
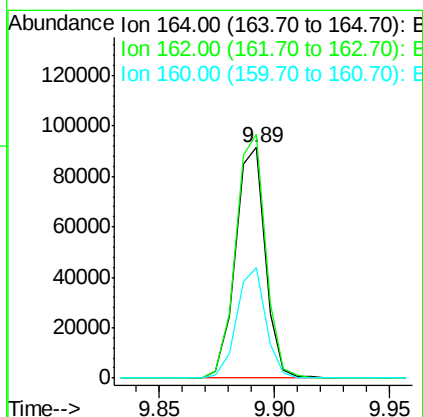
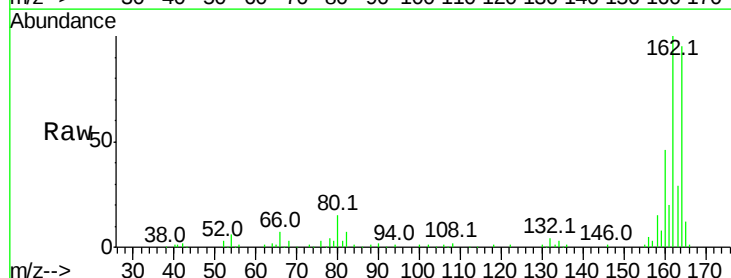
Instrument :
BNA_F
ClientSampleId :
FOUNDATION-ELEMENTS

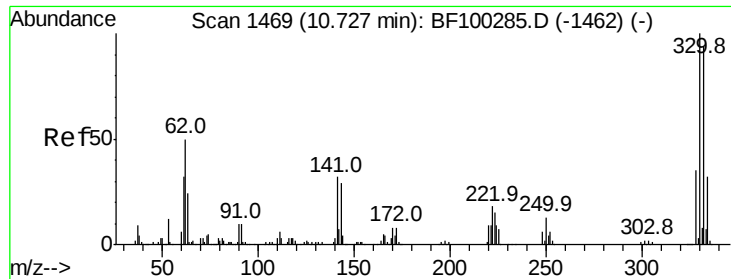
Tot Ion: 82 Resp: 209504
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 52.4 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF101005.D
Acq: 30 Nov 2017 4:49

Tgt Ion: 164 Resp: 82368
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 48.1 38.3 57.5

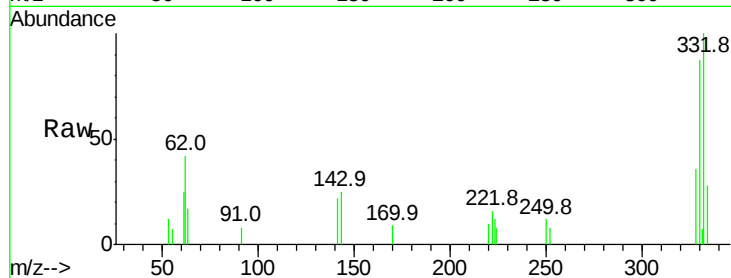




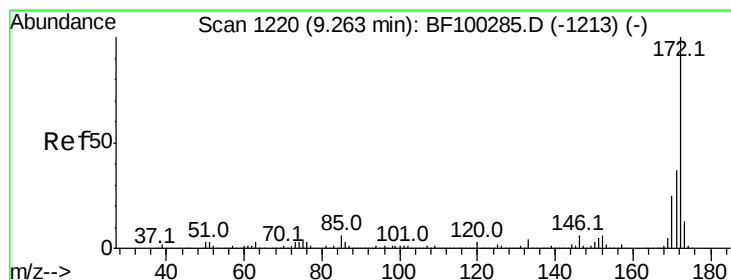
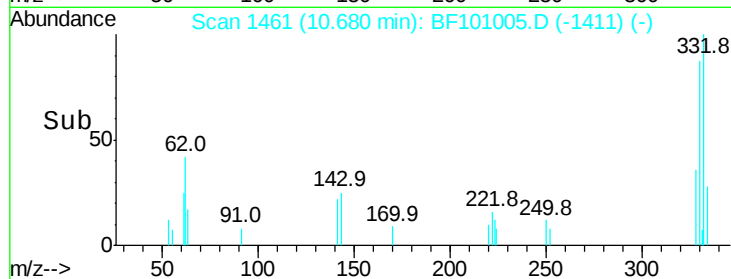
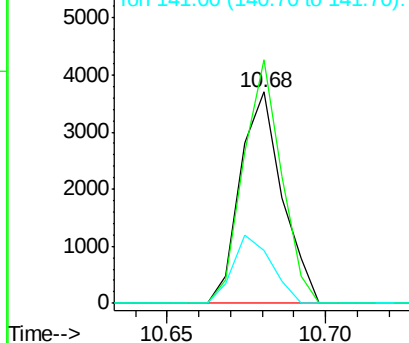
#41
 2,4,6-Tribromophenol
 Concen: 4.035 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF101005.D
 Acq: 30 Nov 2017 4:49

Instrument :
 BNA_F
 ClientSampleId :
 FOUNDATION-ELEMENTS

Tot Ion:330 Resp: 3387
 Ion Ratio Lower Upper
 330 100
 332 104.6 77.0 115.6
 141 29.8 29.9 44.9#

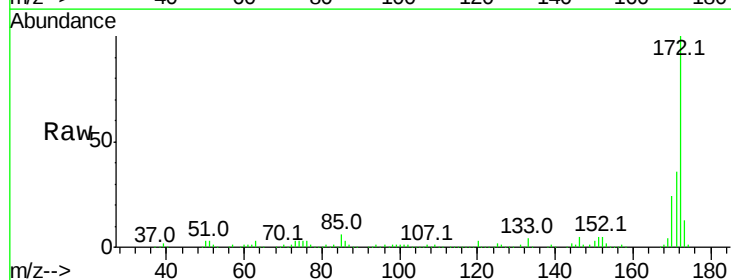


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

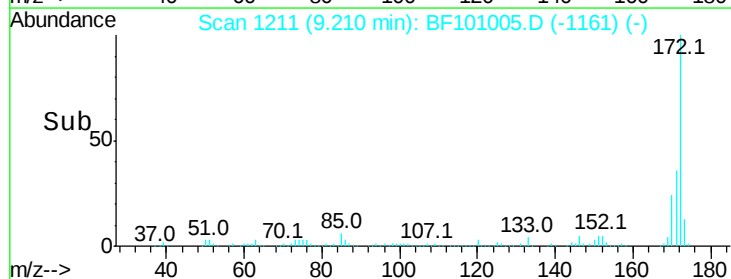
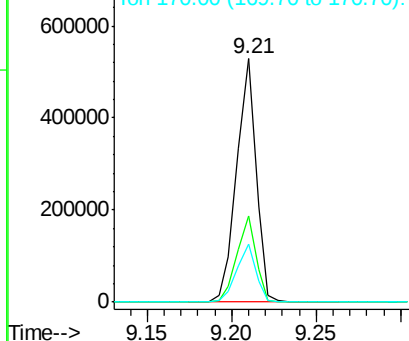


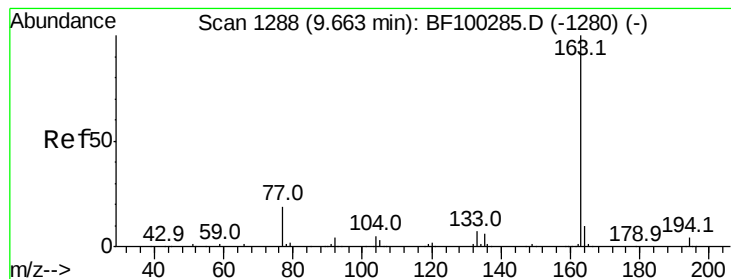
#44
 2-Fluorobiphenyl
 Concen: 78.591 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF101005.D
 Acq: 30 Nov 2017 4:49

Tgt Ion:172 Resp: 425123
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 24.0 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





#49

Dimethylphthalate

Concen: 2.723 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF101005.D

Acq: 30 Nov 2017 4:49

Instrument :

BNA_F

ClientSampleId :

FOUNDATION-ELEMENTS

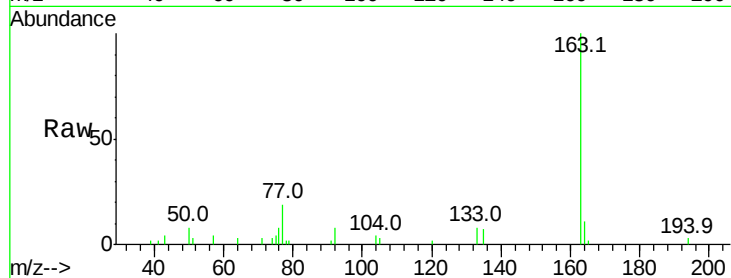
Tot Ion:163 Resp: 17122

Ion Ratio Lower Upper

163 100

194 2.6 2.7 4.1#

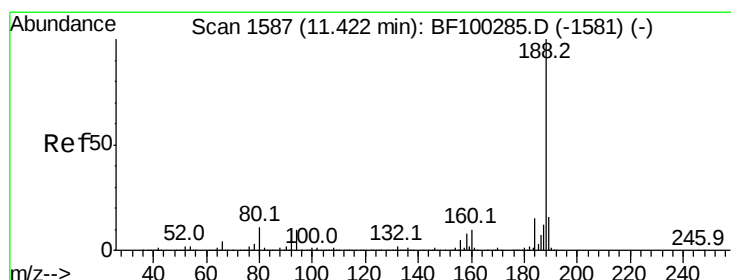
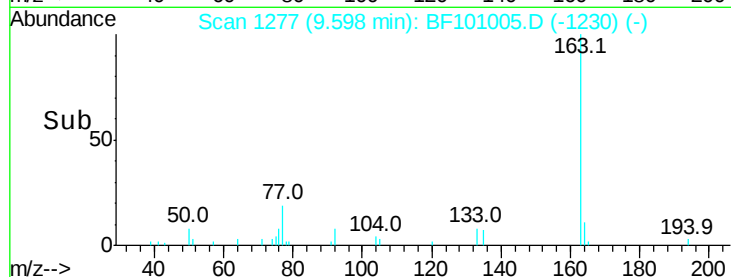
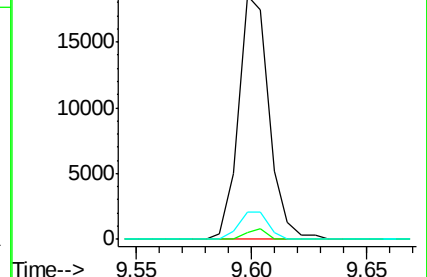
164 11.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF101005.D

Acq: 30 Nov 2017 4:49

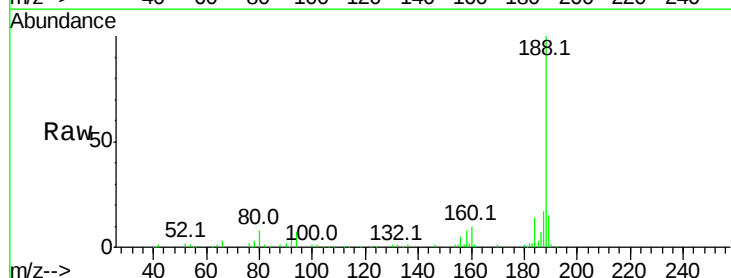
Tgt Ion:188 Resp: 134272

Ion Ratio Lower Upper

188 100

94 7.3 8.5 12.7#

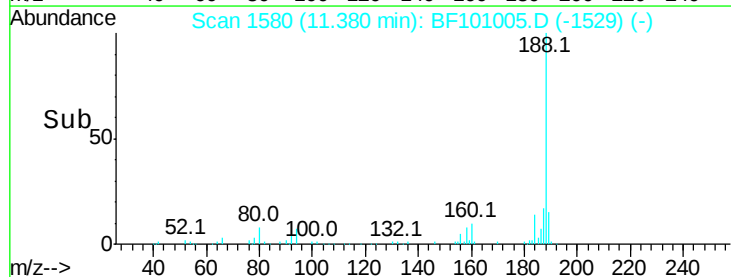
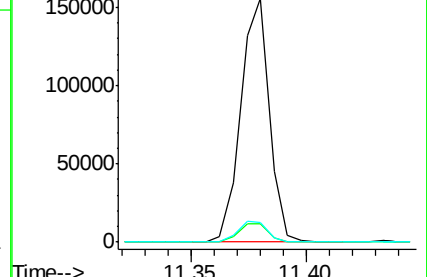
80 7.9 9.2 13.8#

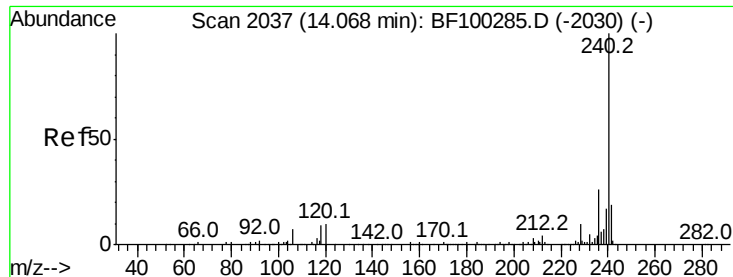


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF101005.D

Acq: 30 Nov 2017 4:49

Instrument :

BNA_F

ClientSampleId :

FOUNDATION-ELEMENTS

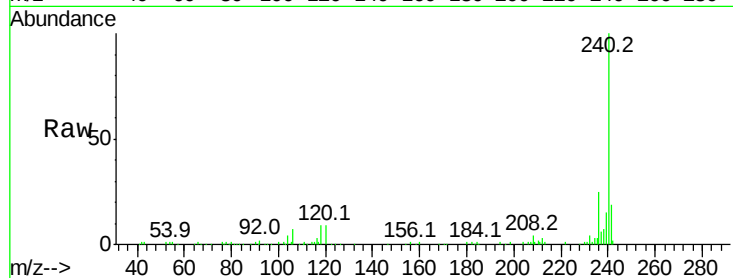
Tot Ion:240 Resp: 119430

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

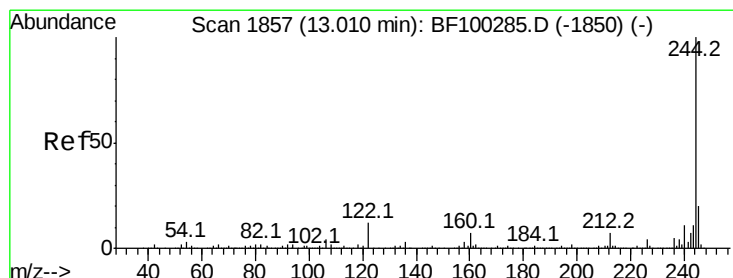
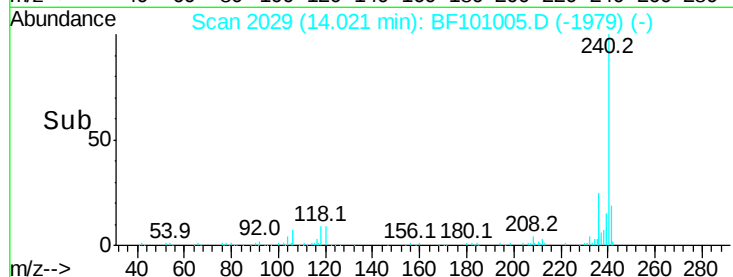
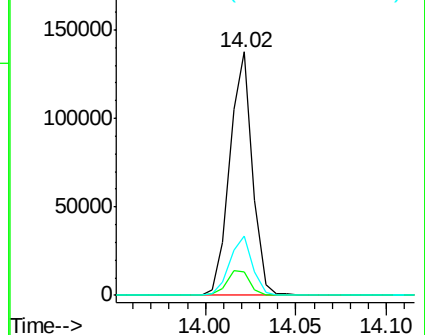
236 24.6 20.7 31.1



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: 63.338 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF101005.D

Acq: 30 Nov 2017 4:49

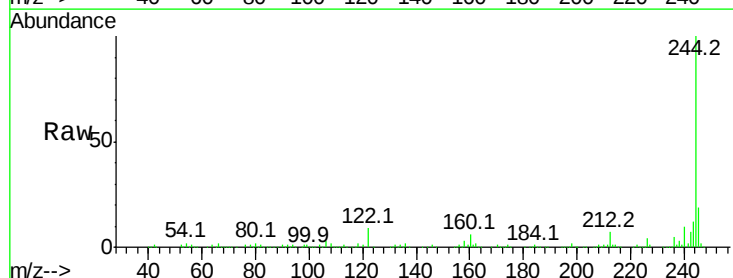
Tgt Ion:244 Resp: 329217

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

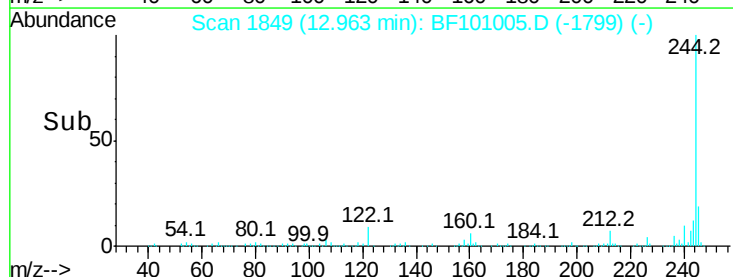
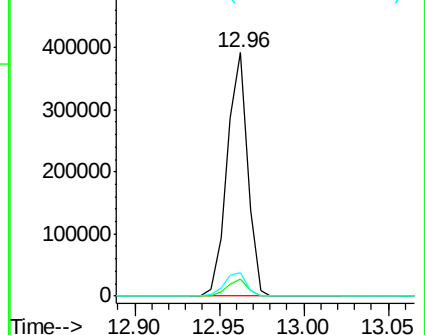
122 9.4 11.0 16.4#

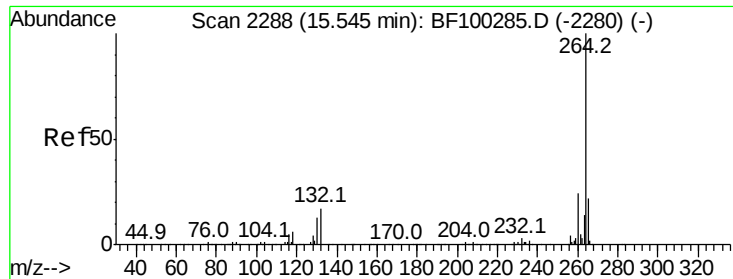


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BF101005.D
 Acq: 30 Nov 2017 4:49

Instrument :
 BNA_F
 ClientSampleId :
 FOUNDATION-ELEMENTS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	17.5	26.3

