

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
 Data File : BF100540.D
 Acq On : 14 Nov 2017 14:10
 Operator : SJ/JU
 Sample : I6364-04 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-001-0001-02

Quant Time: Nov 14 14:47:18 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	6.88	152	128411	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	491712	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	211664	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	337230	20.00	ng	0.00
75) Chrysene-d12	14.04	240	267045	20.00	ng	-0.01
86) Perylene-d12	15.52	264	225277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	162915	20.34	ng	-0.01
7) Phenol-d6	6.50	99	198682	20.11	ng	-0.01
23) Nitrobenzene-d5	7.44	82	116189	15.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	33202	15.39	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	237384	17.08	ng	-0.01
78) Terphenyl-d14	12.99	244	154853	13.32	ng	0.00

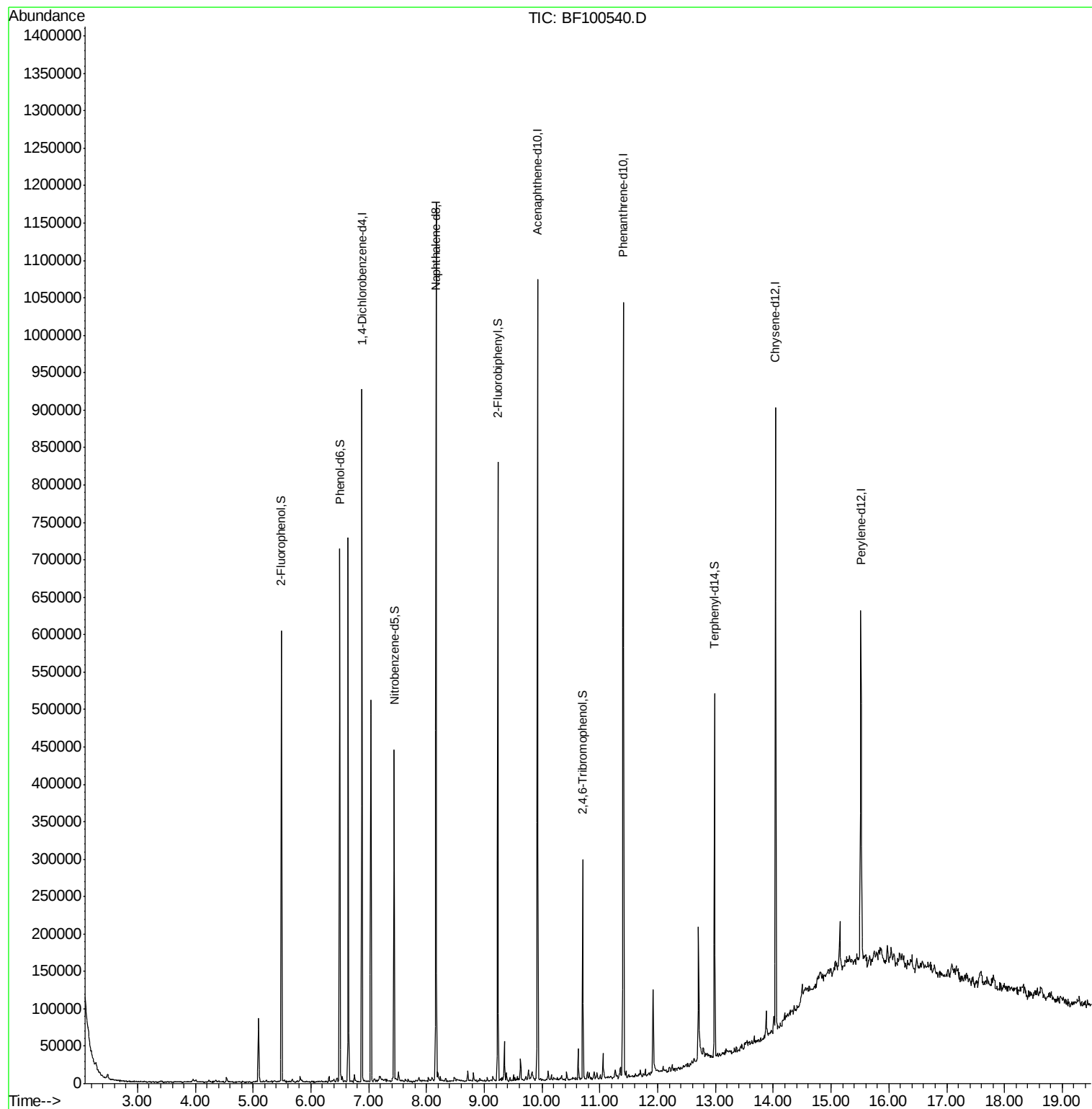
Target Compounds Qvalue

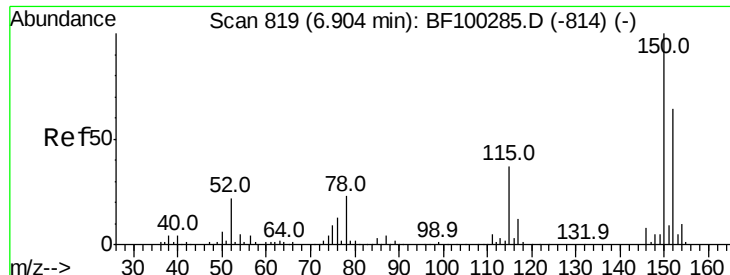
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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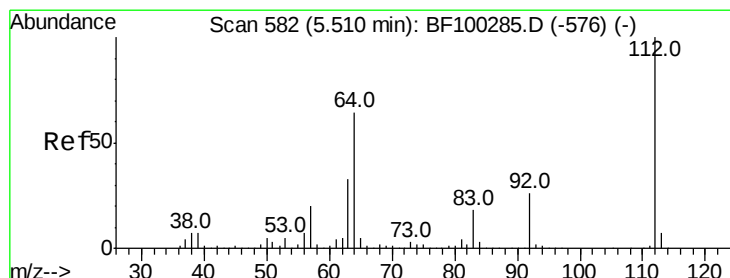
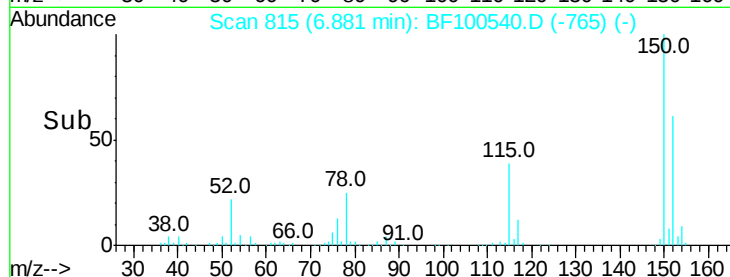
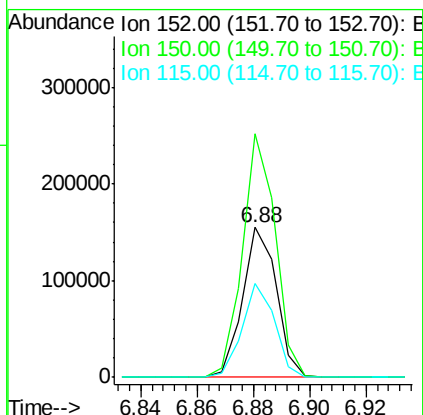
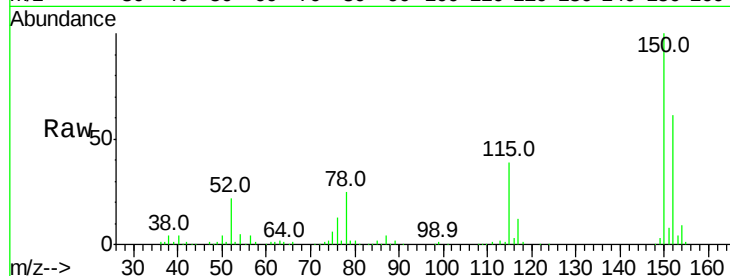


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100540.D
Acq: 14 Nov 2017 14:10

Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-02

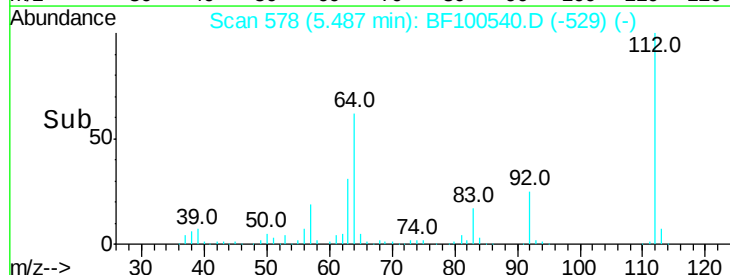
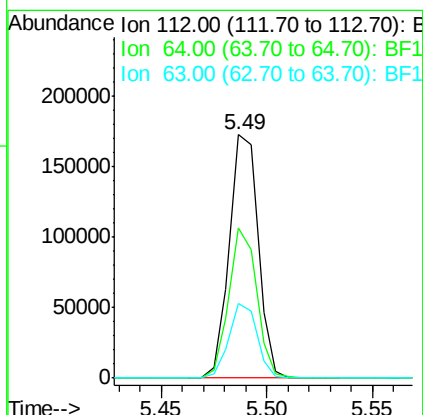
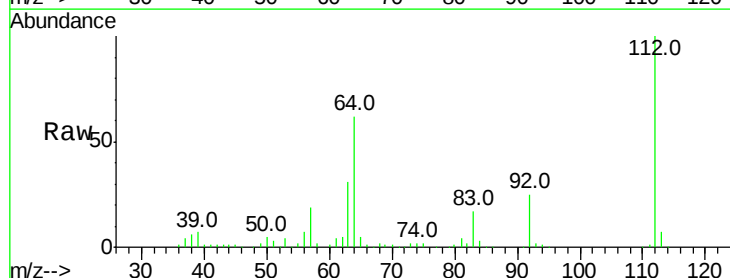
Tot Ion:152 Resp: 128411
Ion Ratio Lower Upper
152 100
150 162.7 124.6 186.8
115 63.1 50.1 75.1

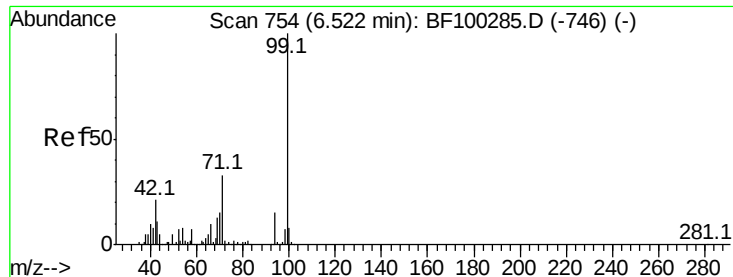


#5

2-Fluorophenol
Concen: 20.337 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100540.D
Acq: 14 Nov 2017 14:10

Tgt Ion:112 Resp: 162915
Ion Ratio Lower Upper
112 100
64 61.6 47.9 71.9
63 30.7 23.7 35.5





#7

Phenol-d6

Concen: 20.113 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100540.D

Acq: 14 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

N-P001-001-0001-02

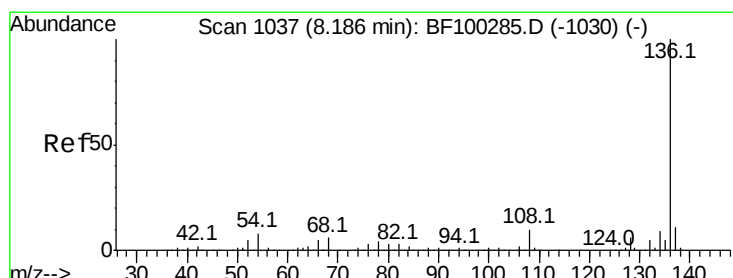
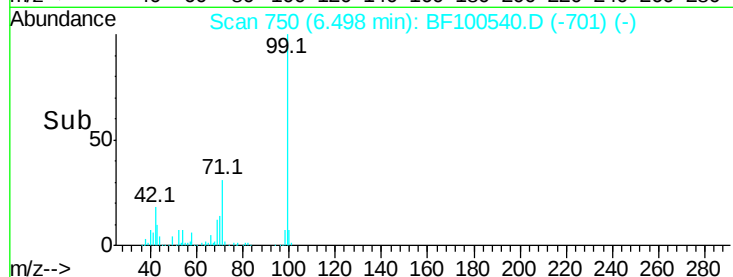
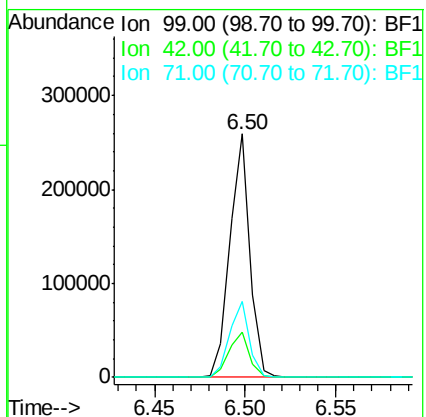
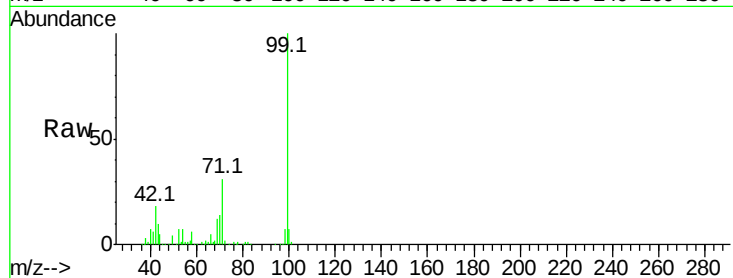
Tot Ion: 99 Resp: 198682

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 31.0 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: BF100540.D

Acq: 14 Nov 2017 14:10

Tgt Ion: 136 Resp: 491712

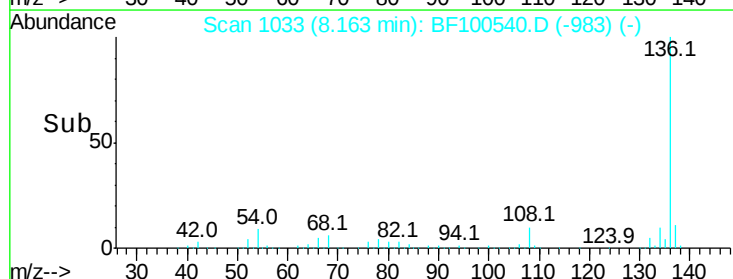
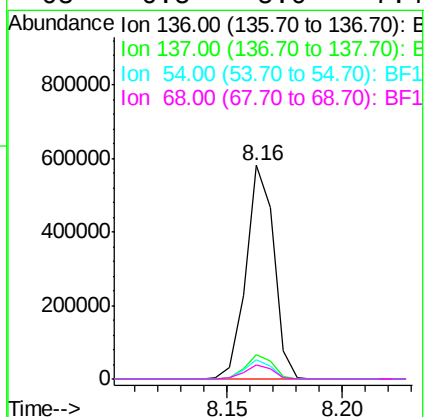
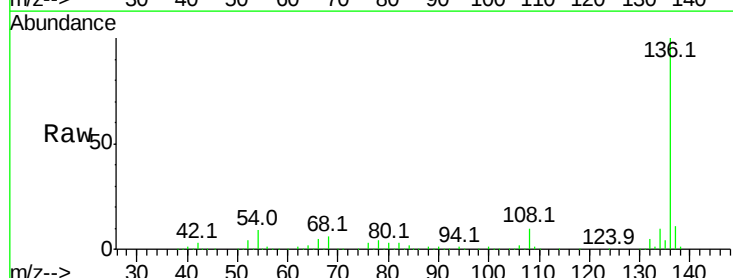
Ion Ratio Lower Upper

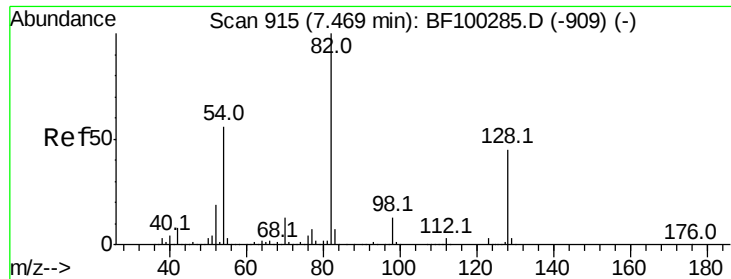
136 100

137 11.2 8.9 13.3

54 9.1 6.6 9.8

68 6.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 15.622 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF100540.D

Acq: 14 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

N-P001-001-0001-02

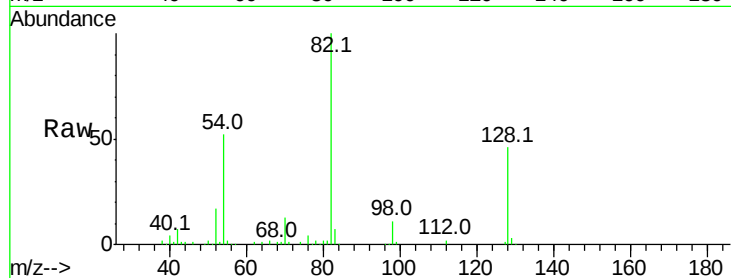
Tot Ion: 82 Resp: 116189

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

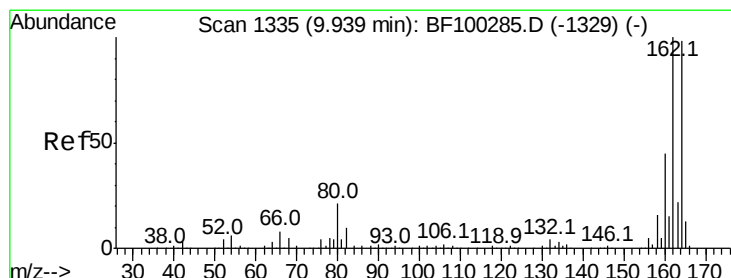
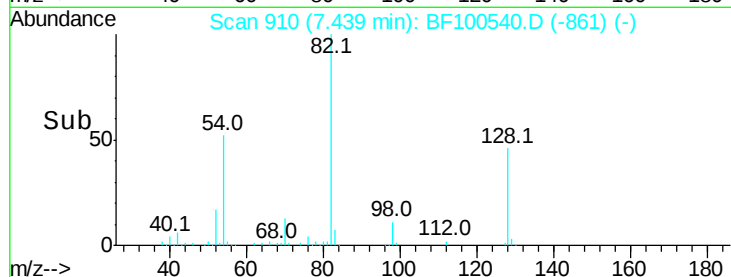
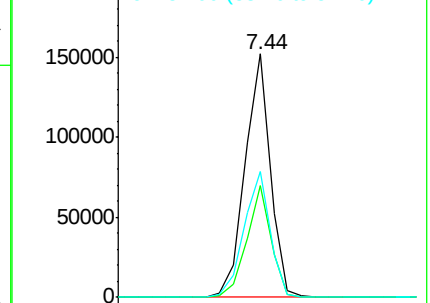
54 51.7 41.4 62.2



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: BF100540.D

Acq: 14 Nov 2017 14:10

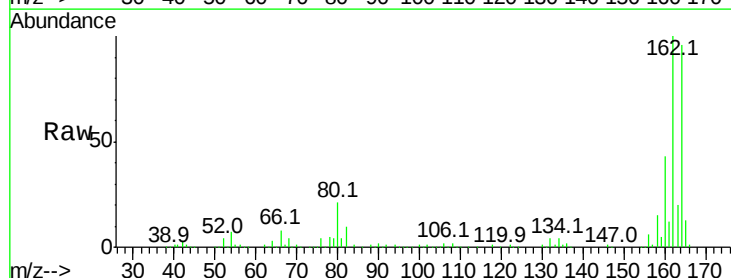
Tgt Ion:164 Resp: 211664

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

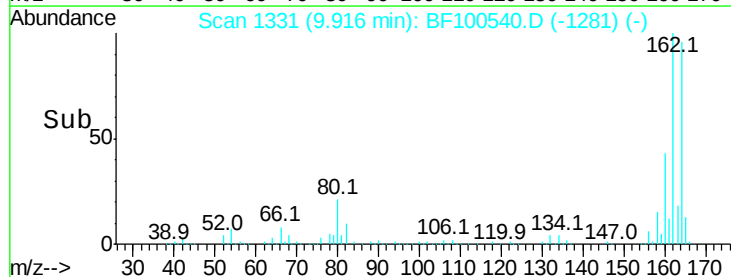
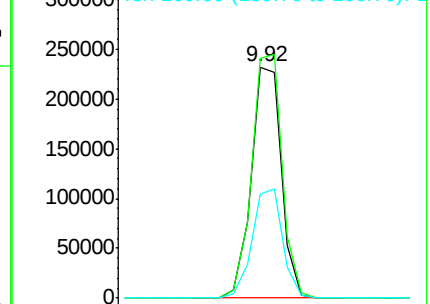
160 44.9 38.3 57.5

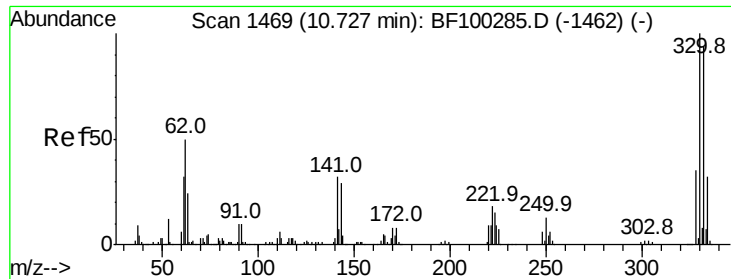


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

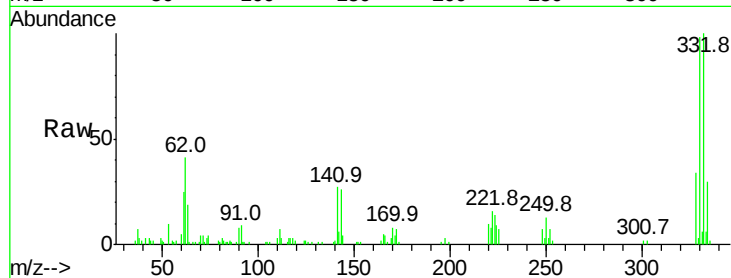




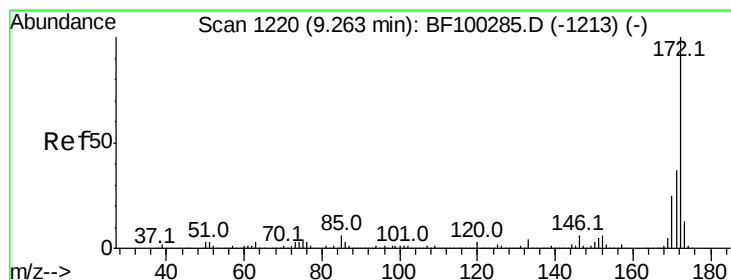
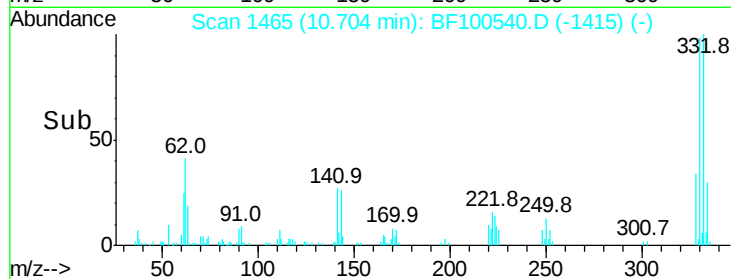
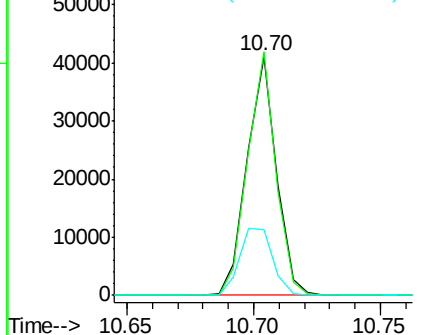
#41
 2,4,6-Tribromophenol
 Concen: 15.394 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100540.D
 Acq: 14 Nov 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-001-0001-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	31.7	29.9	44.9

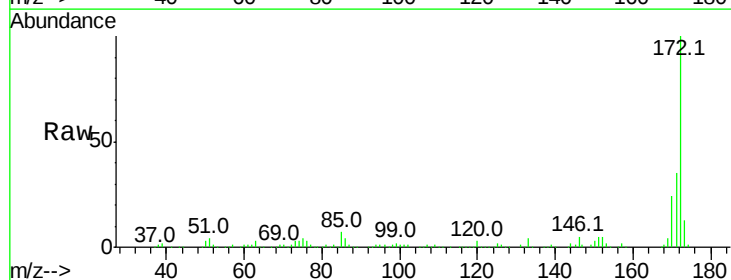


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

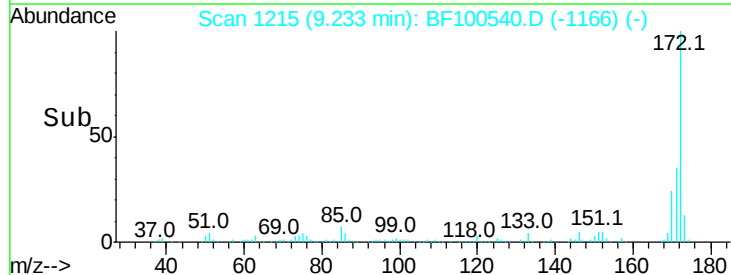
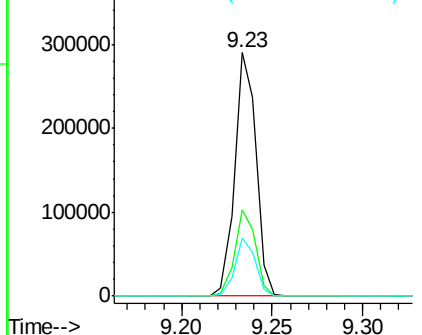


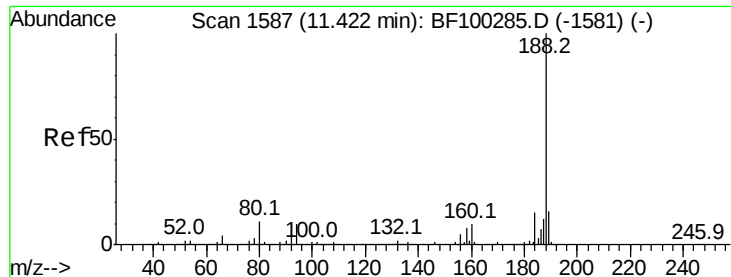
#44
 2-Fluorobiphenyl
 Concen: 17.077 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100540.D
 Acq: 14 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.8	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

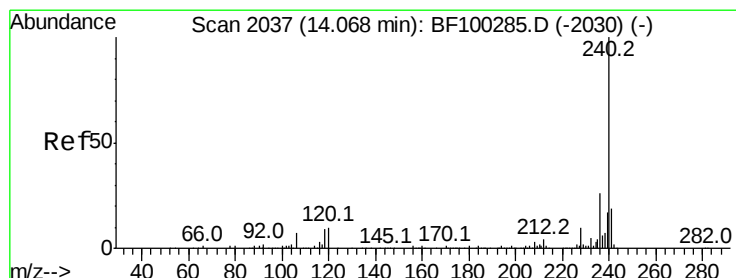
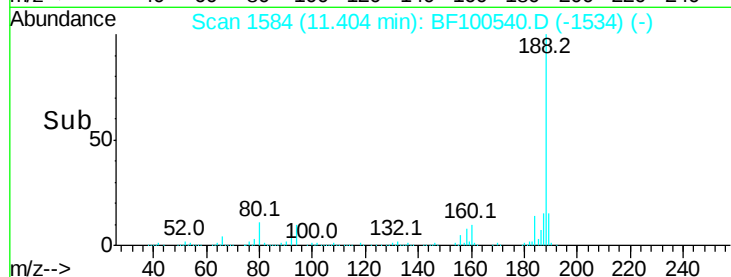
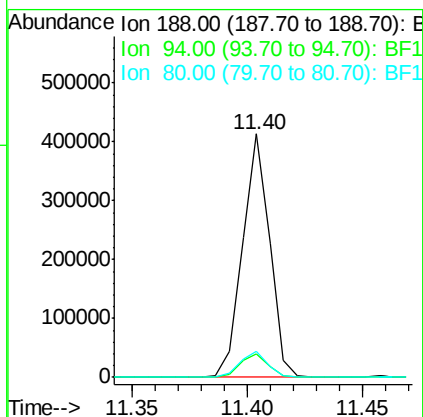
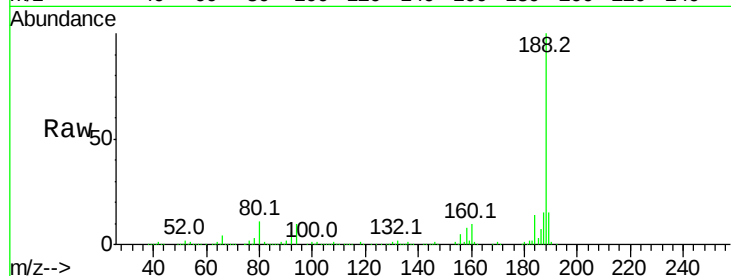




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100540.D
Acq: 14 Nov 2017 14:10

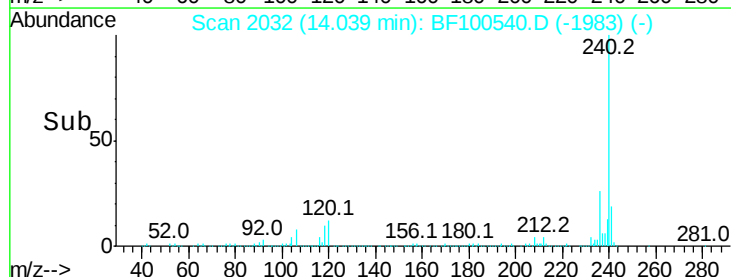
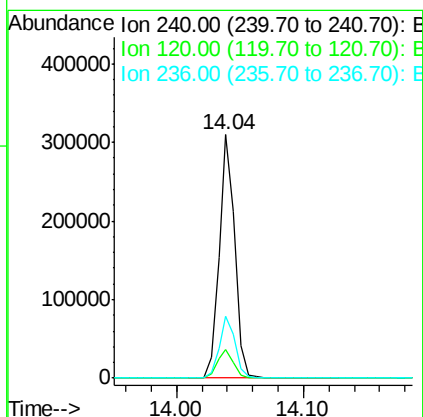
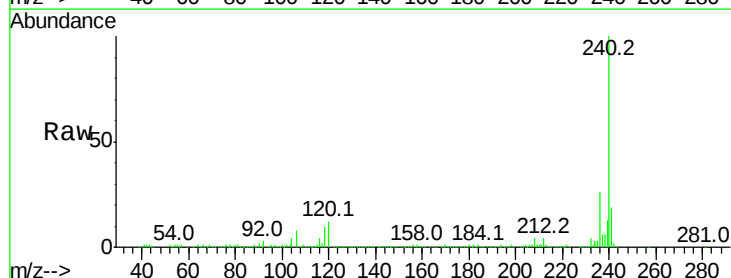
Instrument :
BNA_F
ClientSampleId :
N-P001-001-0001-02

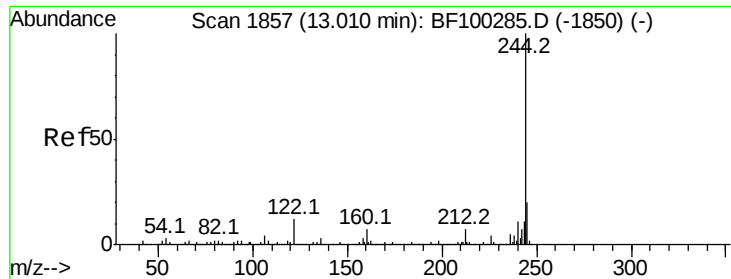
Tot Ion:188 Resp: 337230
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100540.D
Acq: 14 Nov 2017 14:10

Tgt Ion:240 Resp: 267045
Ion Ratio Lower Upper
240 100
120 11.9 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 13.324 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100540.D

Acq: 14 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

N-P001-001-0001-02

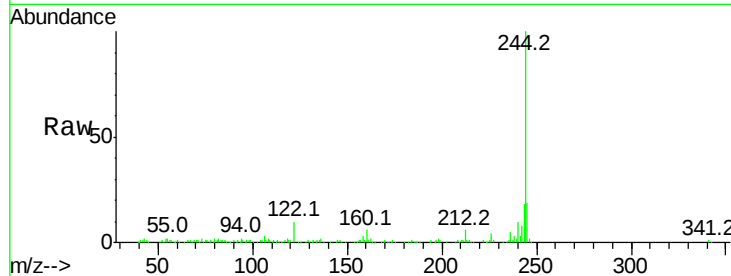
Tot Ion:244 Resp: 154853

Ion Ratio Lower Upper

244 100

212 5.9 5.4 8.0

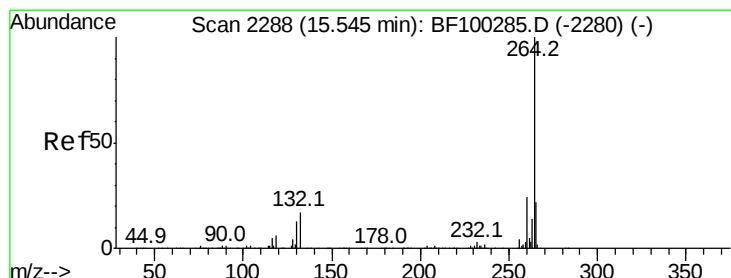
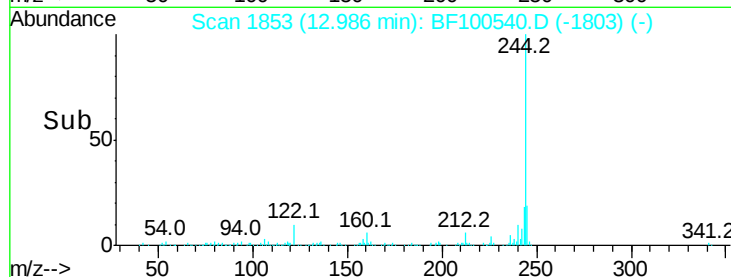
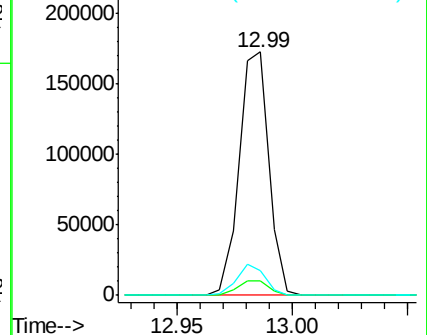
122 10.3 11.0 16.4#



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: BF100540.D

Acq: 14 Nov 2017 14:10

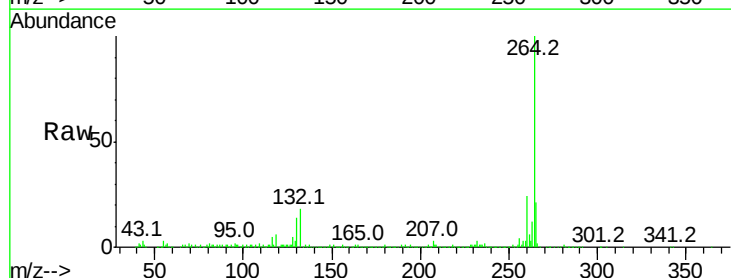
Tgt Ion:264 Resp: 225277

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.3 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

