

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100457.D
 Acq On : 11 Nov 2017 23:58
 Operator : SJ/JU
 Sample : I6369-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110617-TIDO-F-D-S

Quant Time: Nov 13 04:53:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	143497	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	532049	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	212967	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	338152	20.00	ng	0.00
75) Chrysene-d12	14.06	240	302929	20.00	ng	0.00
86) Perylene-d12	15.55	264	217126	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	409052	45.69	ng	0.00
7) Phenol-d6	6.52	99	323438	29.30	ng	-0.01
23) Nitrobenzene-d5	7.46	82	803327	99.82	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	168714	77.74	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1356959	97.02	ng	0.00
78) Terphenyl-d14	13.01	244	984303	74.66	ng	0.00

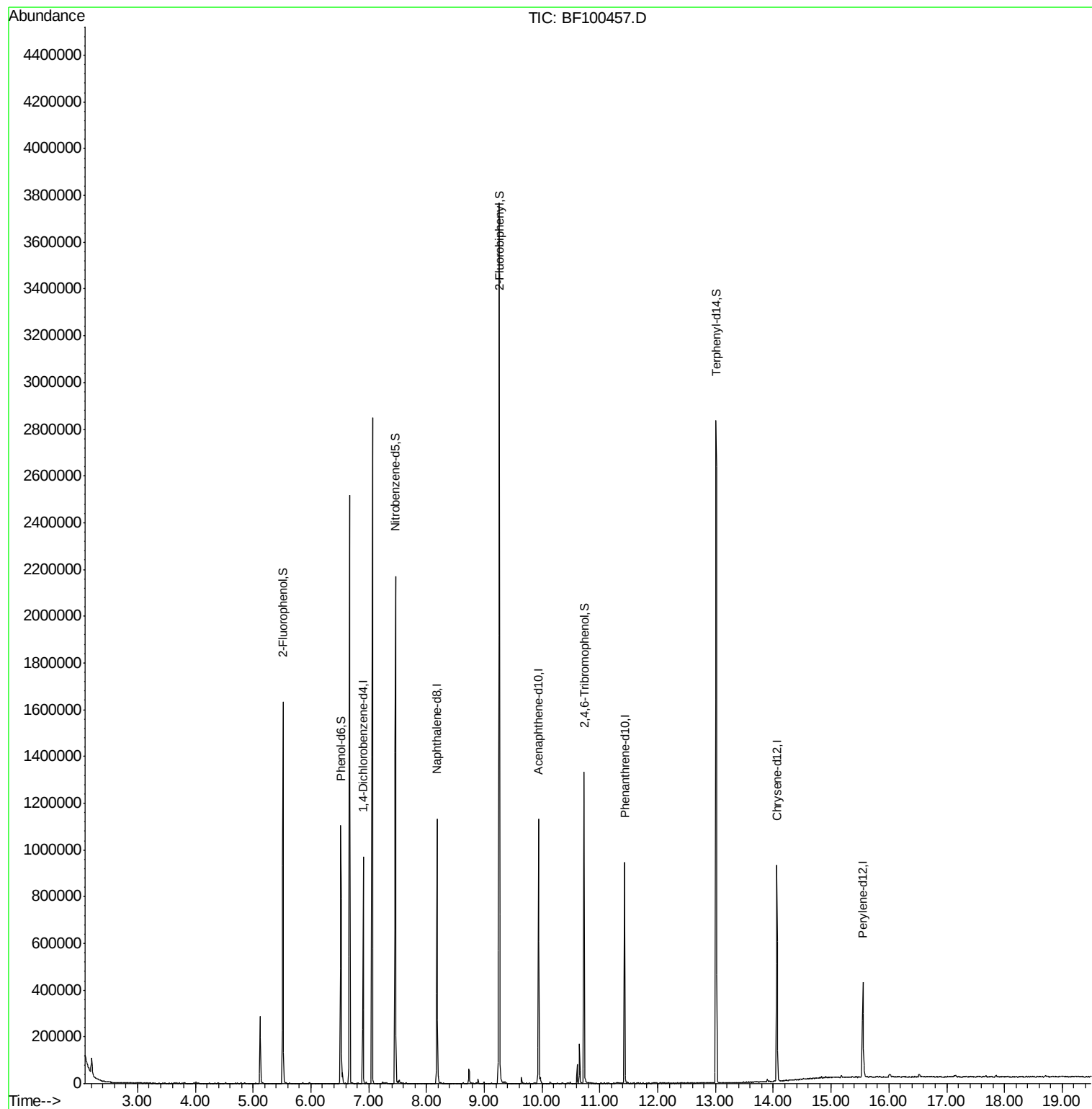
Target Compounds Qvalue

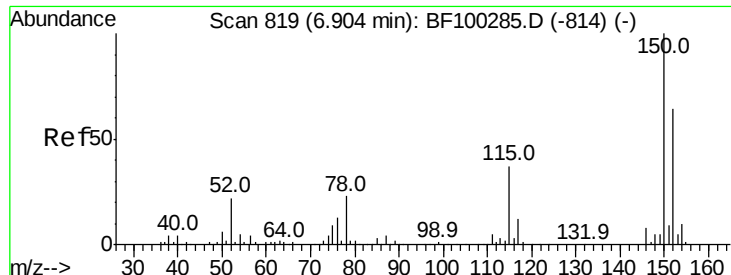
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF100457.D

Acq: 11 Nov 2017 23:58

Instrument :

BNA_F

ClientSampleId :

110617-TIDO-F-D-S

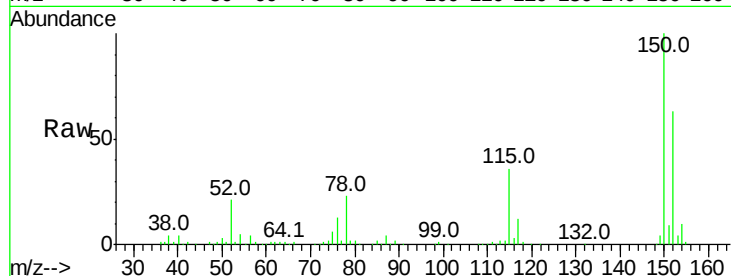
Tot Ion:152 Resp: 143497

Ion Ratio Lower Upper

152 100

150 158.1 124.6 186.8

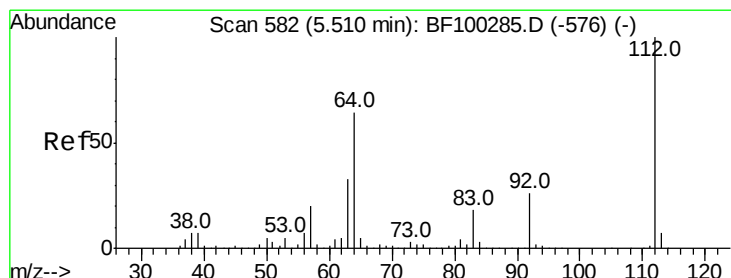
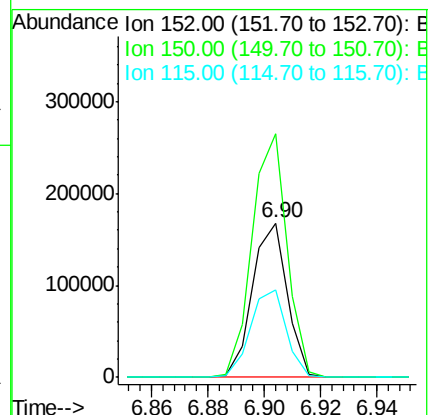
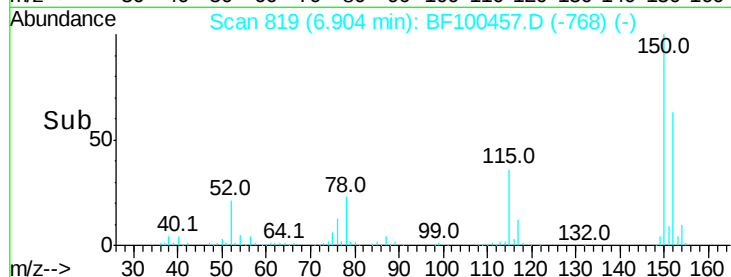
115 56.5 50.1 75.1



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: 45.695 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF100457.D

Acq: 11 Nov 2017 23:58

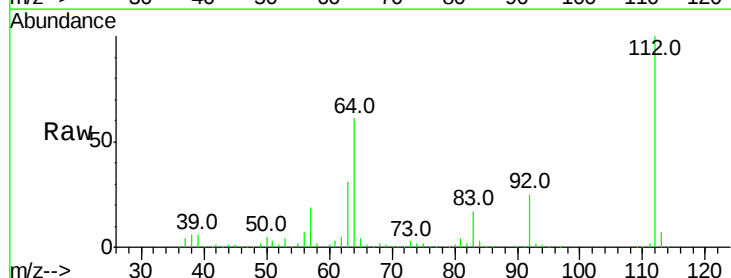
Tgt Ion:112 Resp: 409052

Ion Ratio Lower Upper

112 100

64 61.3 47.9 71.9

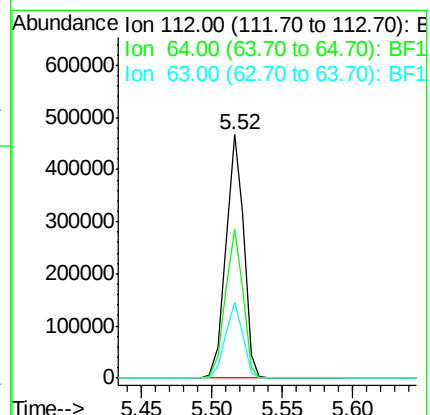
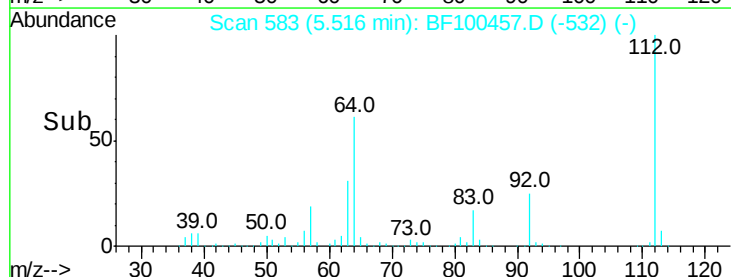
63 31.2 23.7 35.5

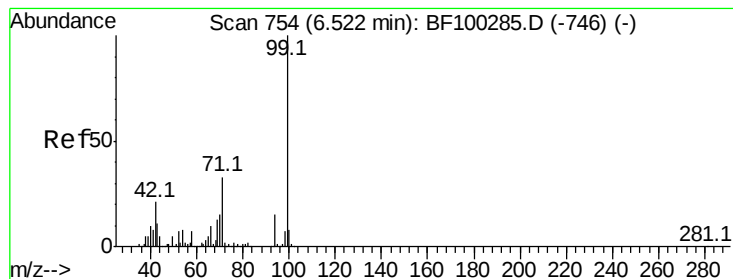


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 29.300 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100457.D

Acq: 11 Nov 2017 23:58

Instrument :

BNA_F

ClientSampleId :

110617-TIDO-F-D-S

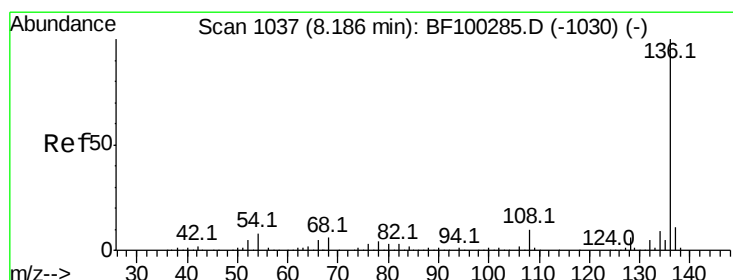
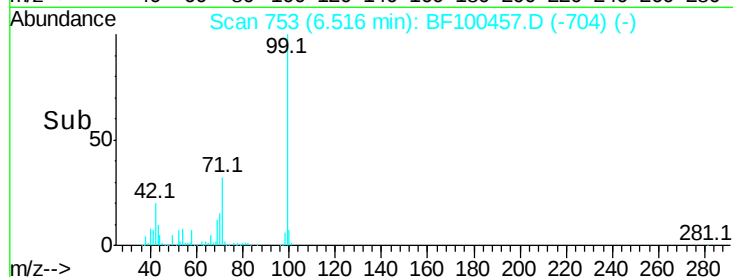
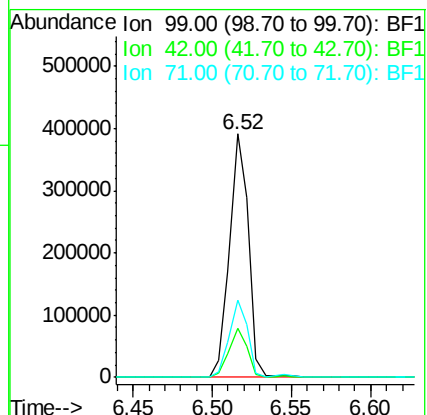
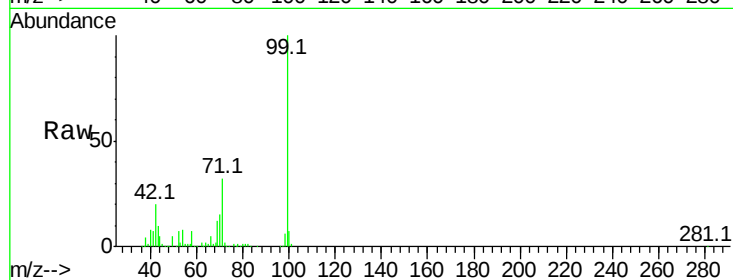
Tot Ion: 99 Resp: 323438

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 32.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF100457.D

Acq: 11 Nov 2017 23:58

Tgt Ion: 136 Resp: 532049

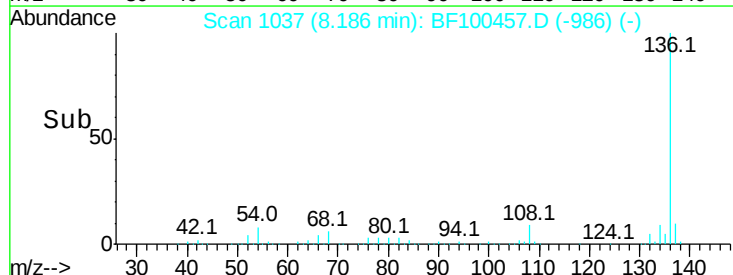
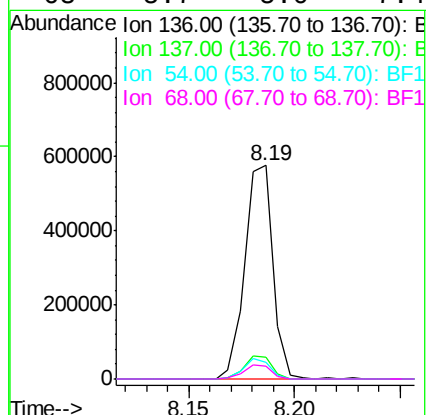
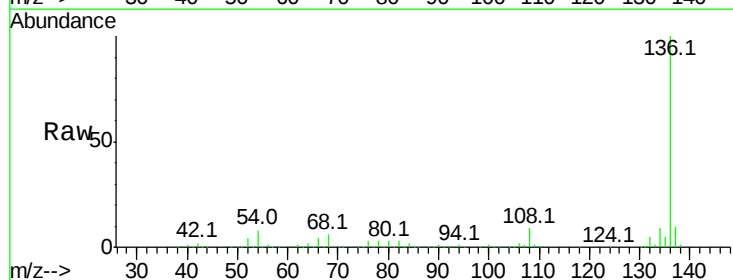
Ion Ratio Lower Upper

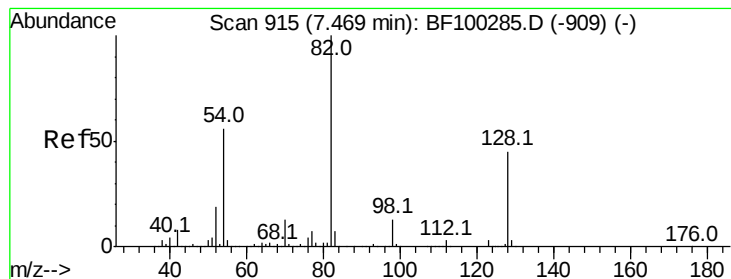
136 100

137 10.3 8.9 13.3

54 8.1 6.6 9.8

68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 99.823 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF100457.D

Acq: 11 Nov 2017 23:58

Instrument :

BNA_F

ClientSampleId :

110617-TIDO-F-D-S

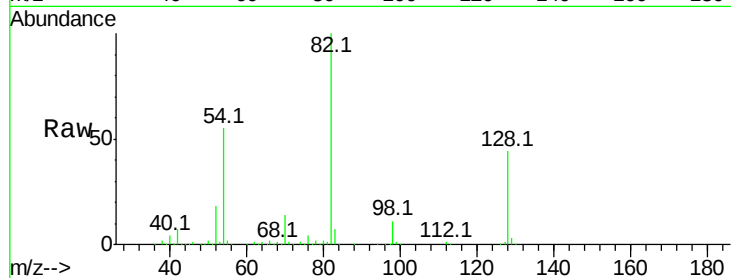
Tot Ion: 82 Resp: 803327

Ion Ratio Lower Upper

82 100

128 44.3 36.1 54.1

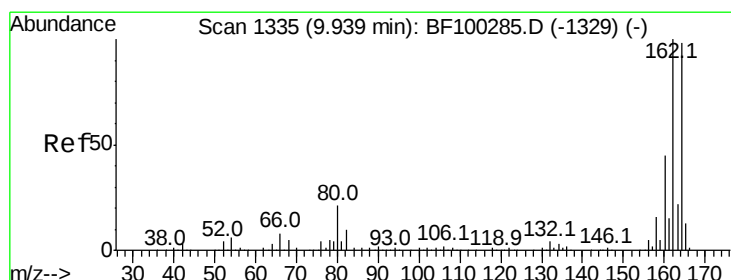
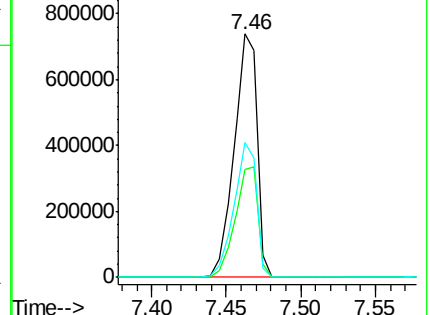
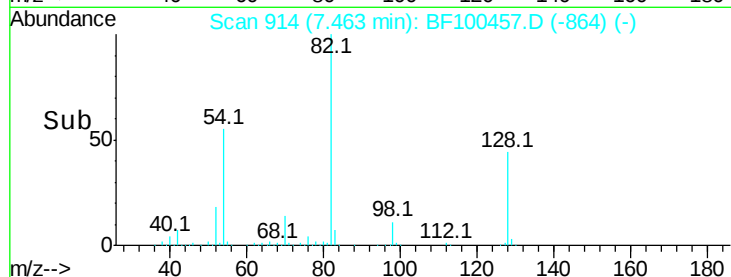
54 55.2 41.4 62.2



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: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100457.D

Acq: 11 Nov 2017 23:58

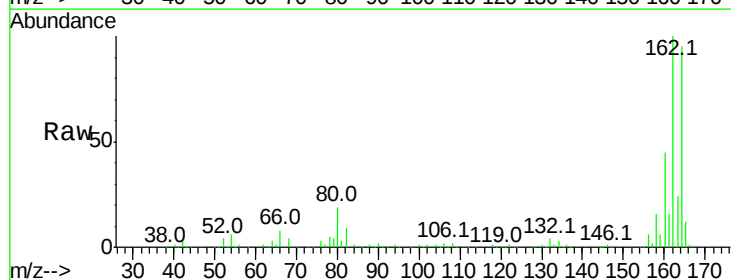
Tgt Ion: 164 Resp: 212967

Ion Ratio Lower Upper

164 100

162 105.6 86.1 129.1

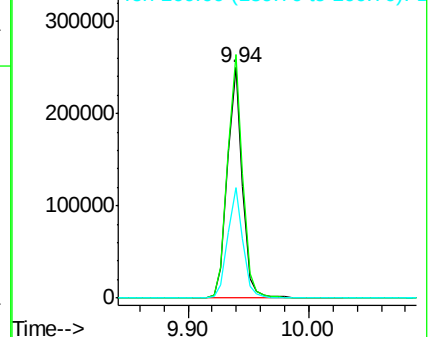
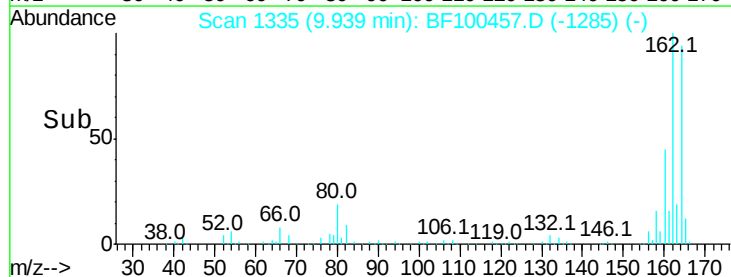
160 47.7 38.3 57.5

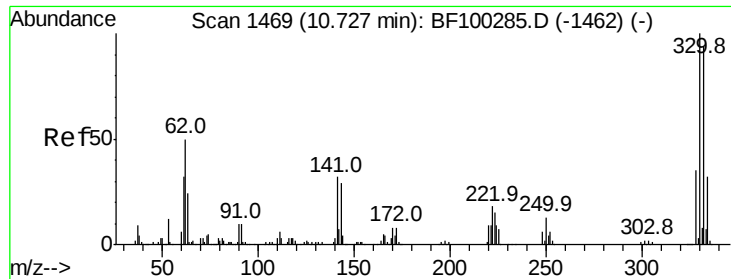


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

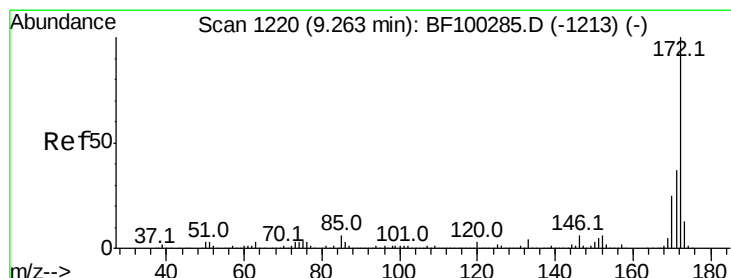
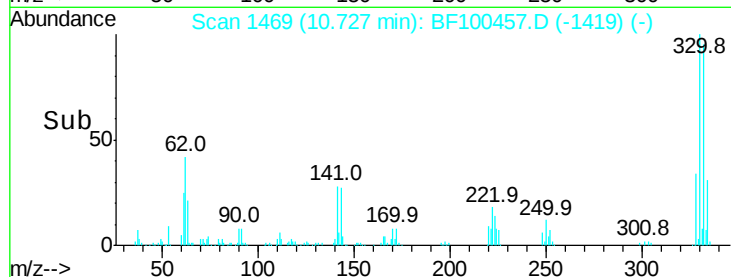
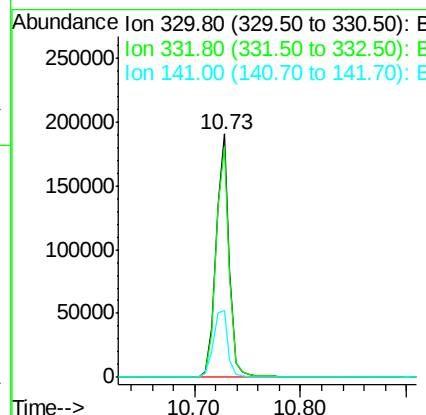
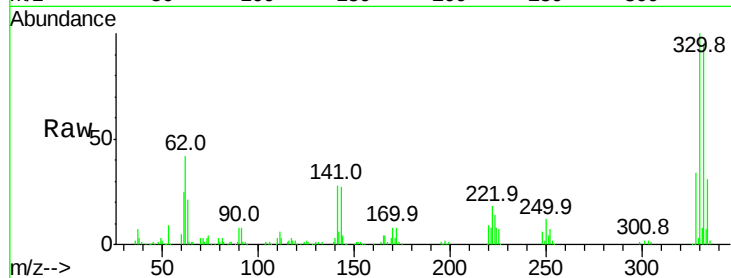




#41
 2,4,6-Tribromophenol
 Concen: 77.744 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100457.D
 Acq: 11 Nov 2017 23:58

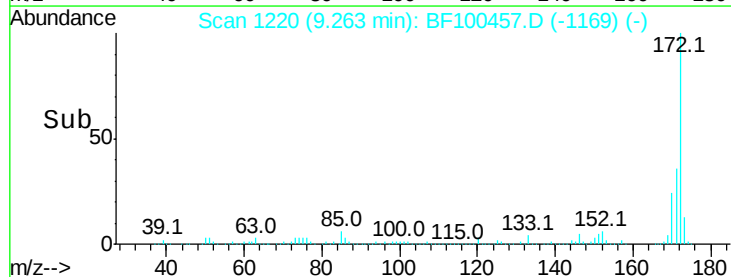
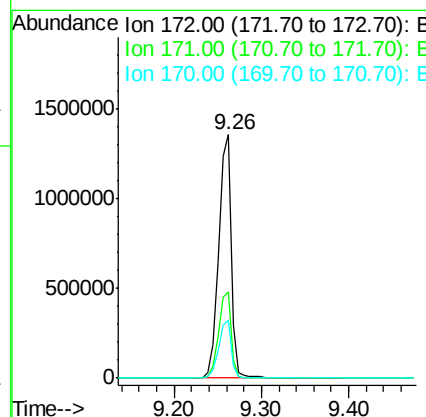
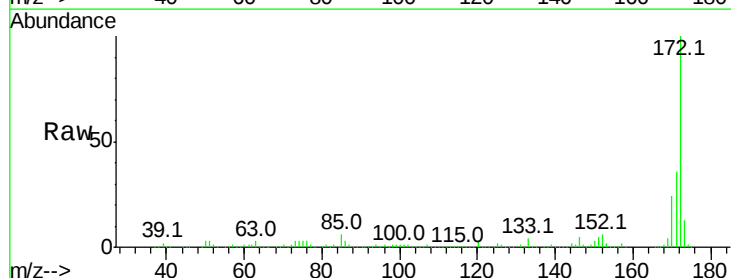
Instrument :
 BNA_F
 ClientSampleId :
 110617-TIDO-F-D-S

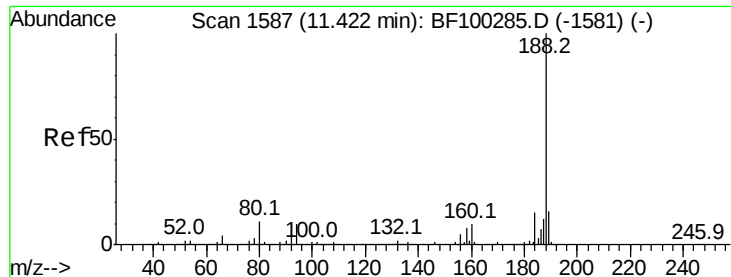
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	30.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 97.022 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100457.D
 Acq: 11 Nov 2017 23:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.9	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF100457.D

Acq: 11 Nov 2017 23:58

Instrument :

BNA_F

ClientSampleId :

110617-TIDO-F-D-S

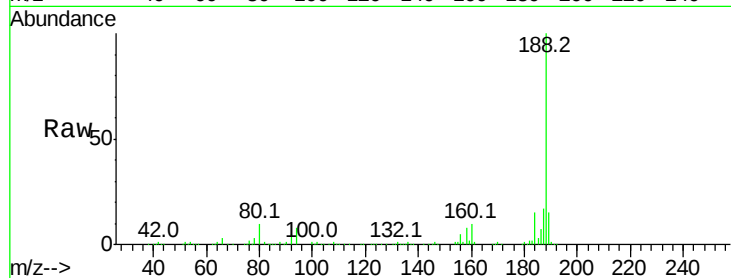
Tot Ion:188 Resp: 338152

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7

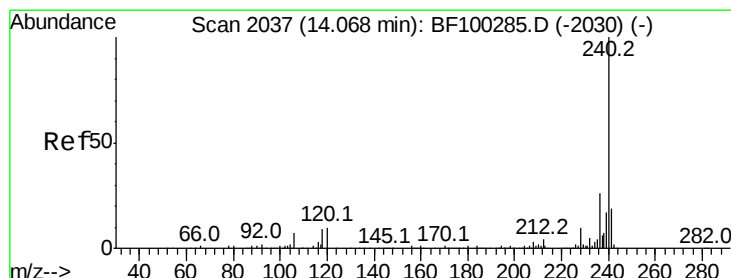
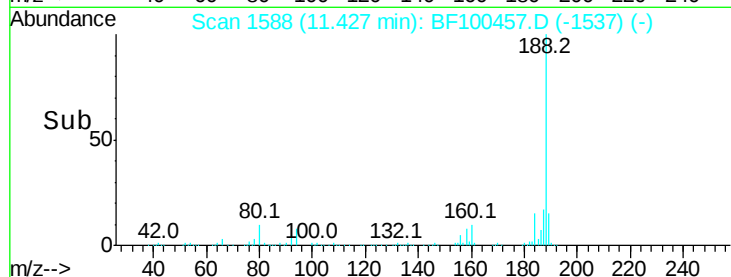
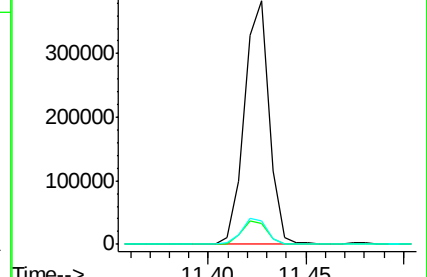
80 9.7 9.2 13.8



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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100457.D

Acq: 11 Nov 2017 23:58

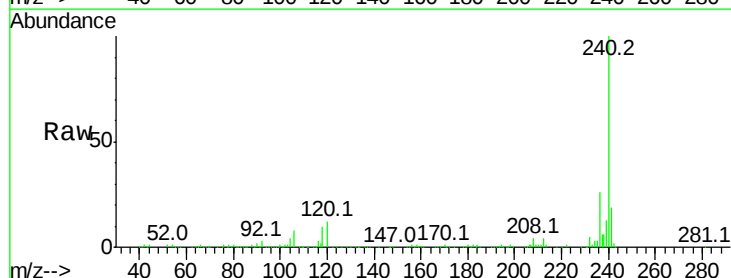
Tgt Ion:240 Resp: 302929

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

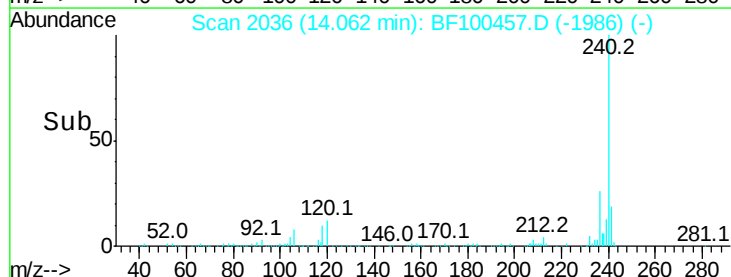
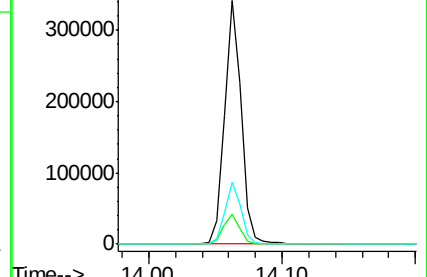
236 25.7 20.7 31.1

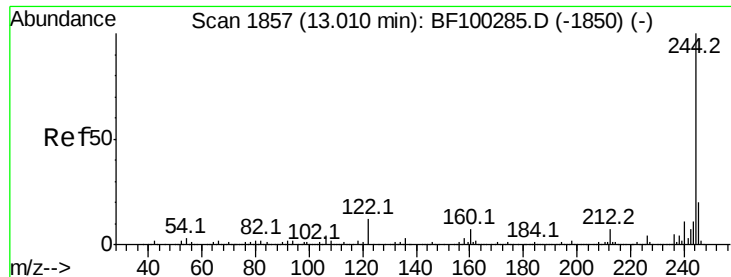


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.659 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100457.D

Acq: 11 Nov 2017 23:58

Instrument :

BNA_F

ClientSampleId :

110617-TIDO-F-D-S

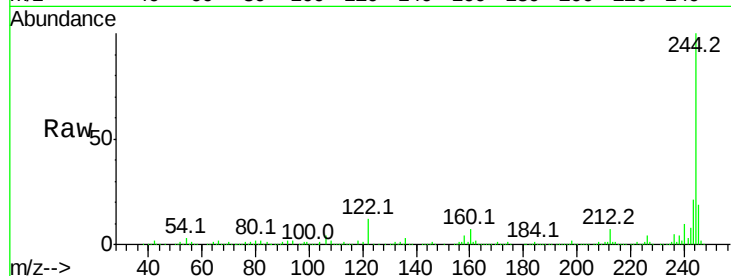
Tot Ion:244 Resp: 984303

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

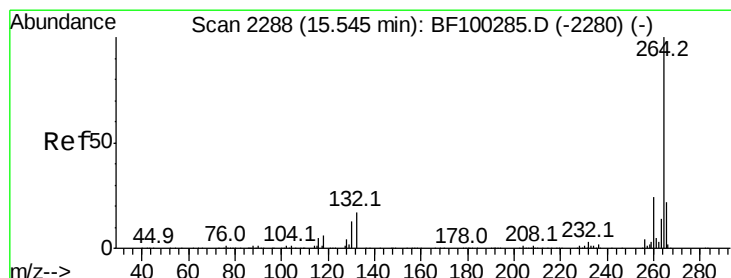
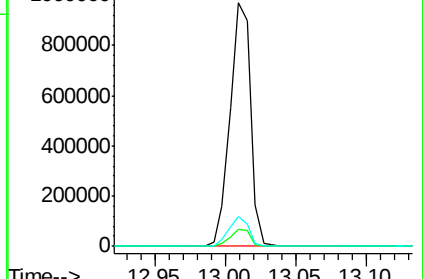
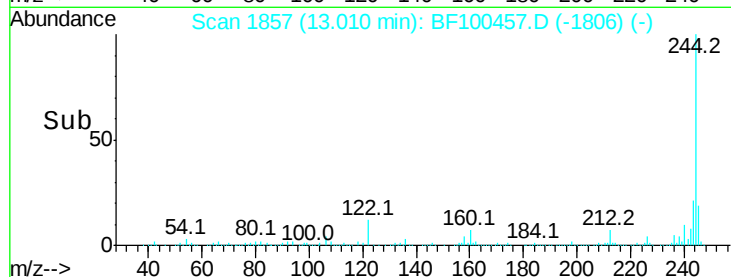
122 12.1 11.0 16.4



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: 15.55 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BF100457.D

Acq: 11 Nov 2017 23:58

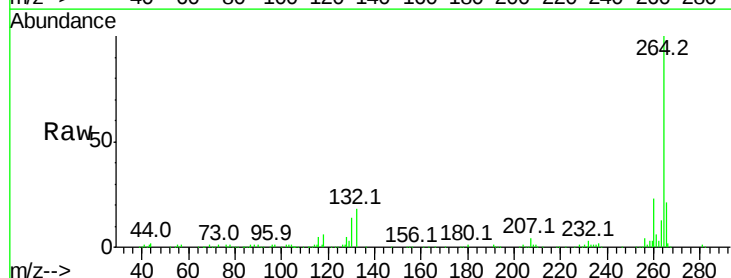
Tgt Ion:264 Resp: 217126

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.8 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

