

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100682.D
 Acq On : 17 Nov 2017 19:16
 Operator : SJ/JU
 Sample : PB104282BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104282BL

Quant Time: Nov 17 23:27:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	102121	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	407308	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	193560	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	402791	20.00	ng	0.00
75) Chrysene-d12	14.04	240	351275	20.00	ng	0.00
86) Perylene-d12	15.52	264	282350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	732436	114.97	ng	0.02
7) Phenol-d6	6.51	99	886124	112.80	ng	0.00
23) Nitrobenzene-d5	7.45	82	546669	88.73	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	249261	126.38	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1104621	86.90	ng	0.00
78) Terphenyl-d14	12.99	244	1213705	79.39	ng	0.00

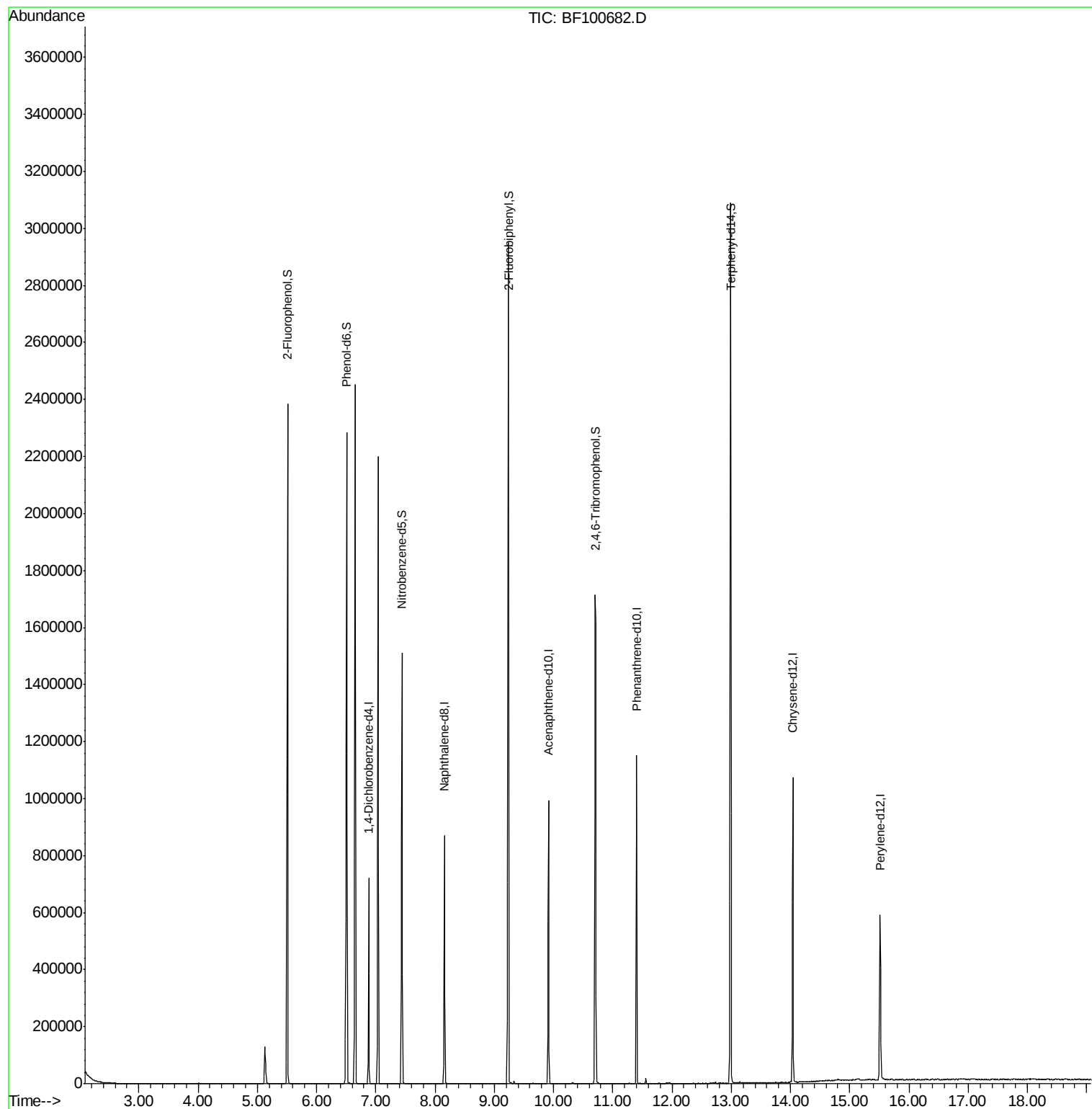
Target Compounds Qvalue

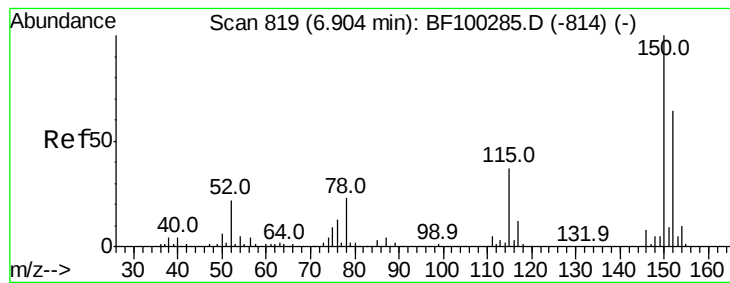
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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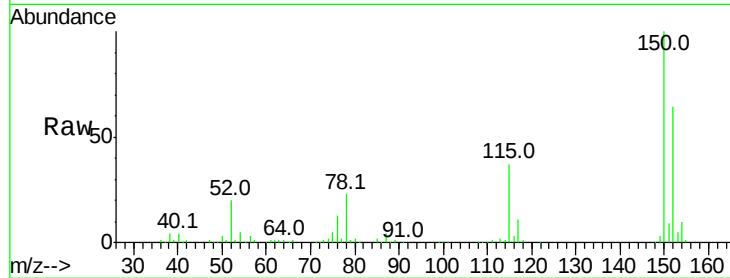


#1

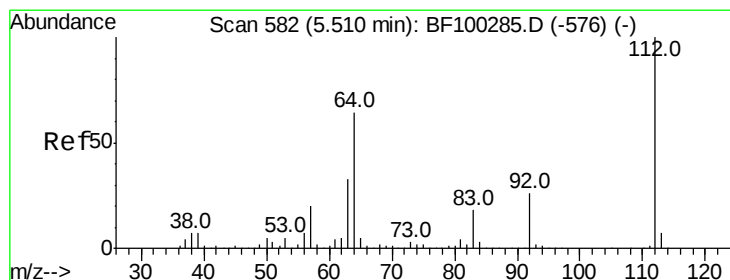
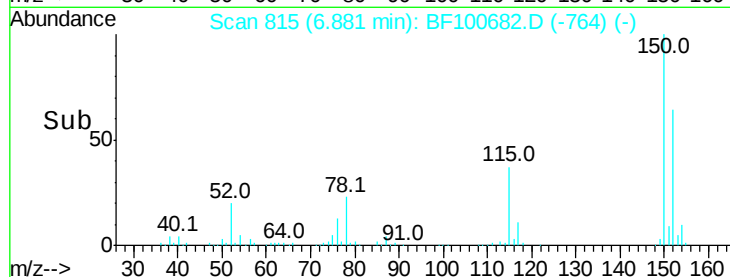
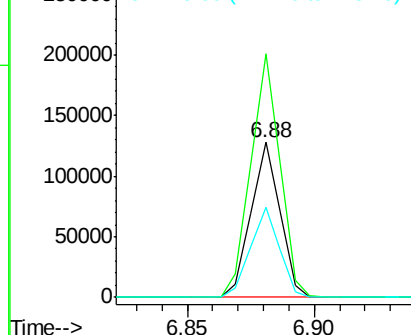
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Instrument :
BNA_F
ClientSampleId :
PB104282BL

Tot Ion:152 Resp: 102121
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 58.4 50.1 75.1



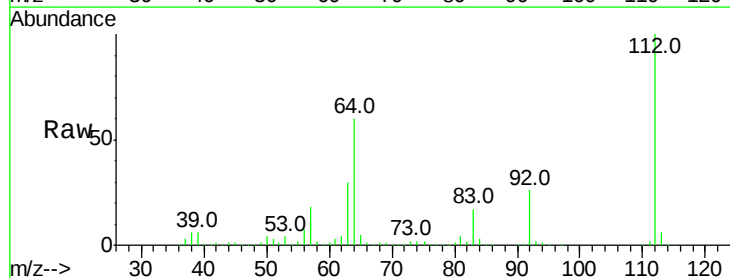
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



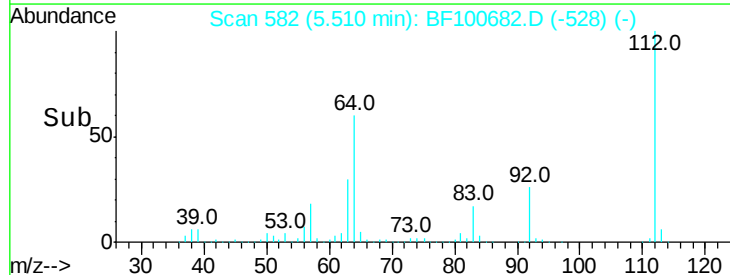
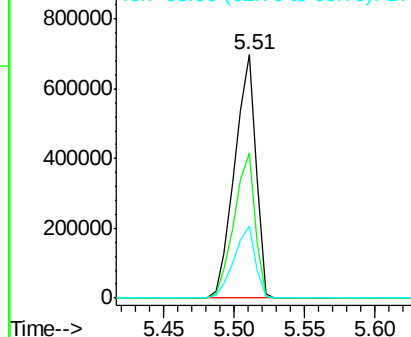
#5

2-Fluorophenol
Concen: 114.970 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Tgt Ion:112 Resp: 732436
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 29.8 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: 112.798 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100682.D

Acq: 17 Nov 2017 19:16

Instrument :

BNA_F

ClientSampleId :

PB104282BL

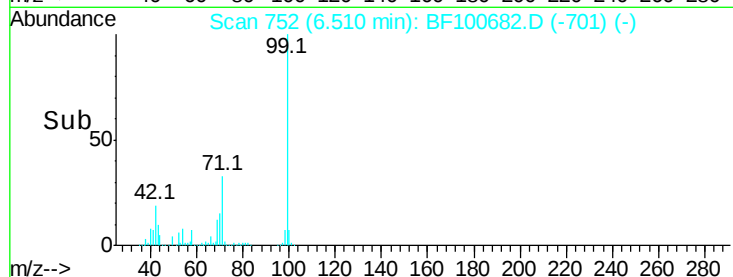
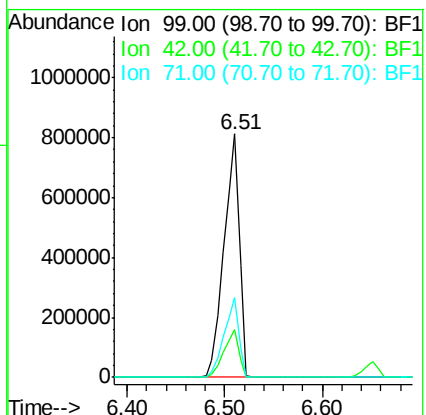
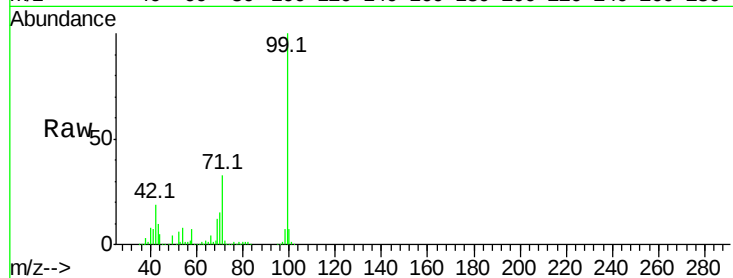
Tot Ion: 99 Resp: 886124

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 32.8 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: BF100682.D

Acq: 17 Nov 2017 19:16

Tgt Ion: 136 Resp: 407308

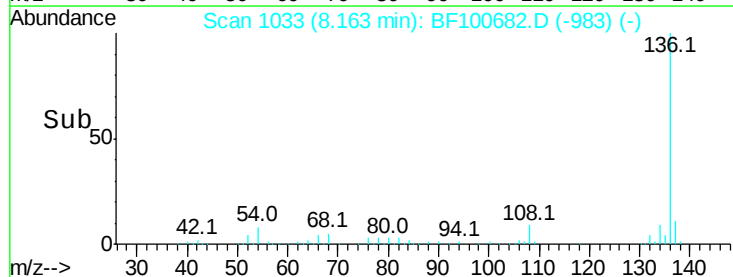
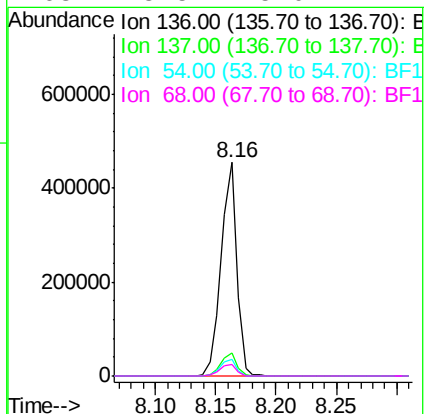
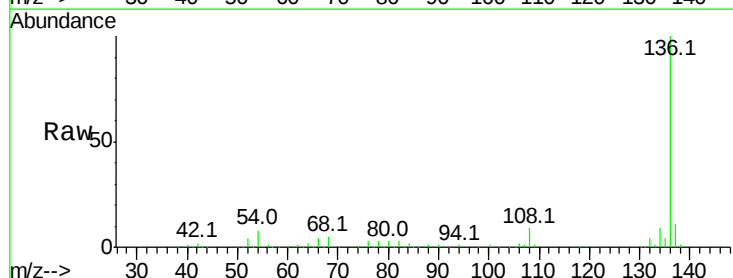
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.6 6.6 9.8

68 5.5 5.0 7.4

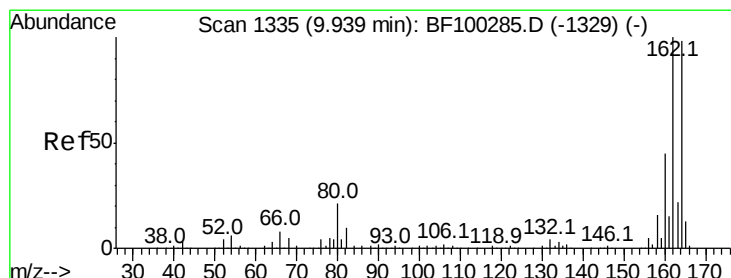
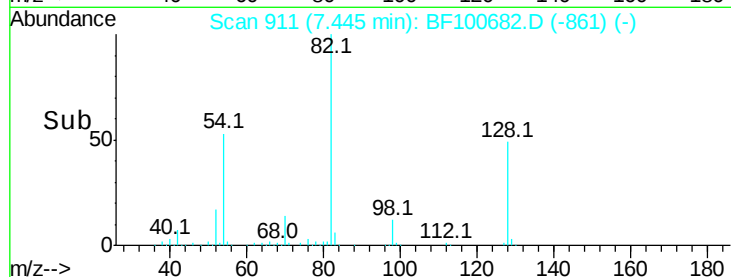
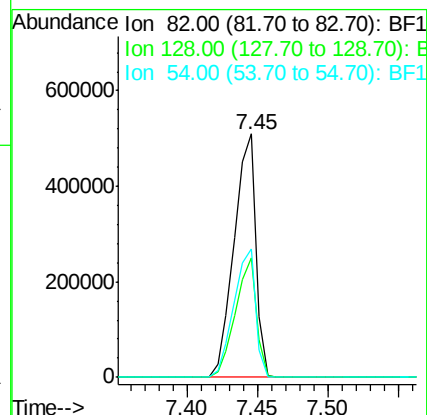
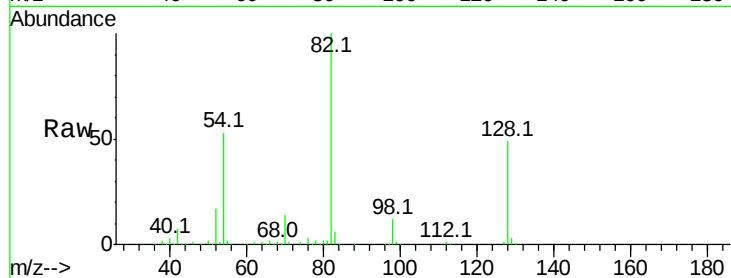




#23
Nitrobenzene-d5
Concen: 88.734 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

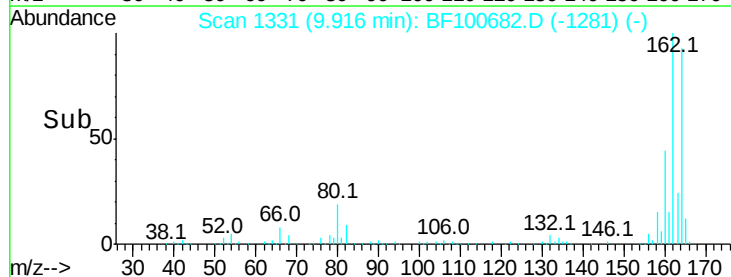
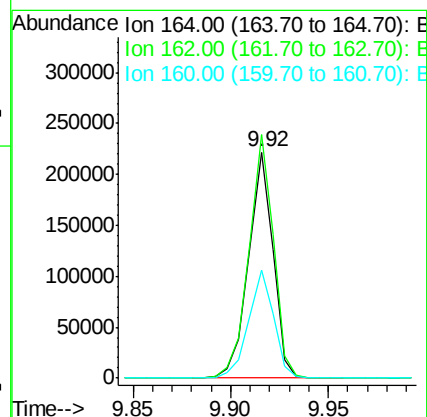
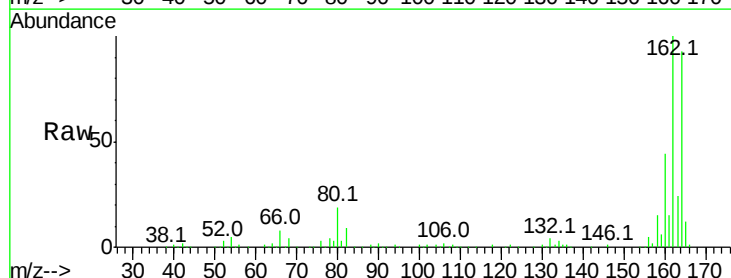
Instrument :
BNA_F
ClientSampleId :
PB104282BL

Tot Ion: 82 Resp: 546669
Ion Ratio Lower Upper
82 100
128 49.1 36.1 54.1
54 53.0 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Tgt Ion: 164 Resp: 193560
Ion Ratio Lower Upper
164 100
162 107.8 86.1 129.1
160 47.9 38.3 57.5

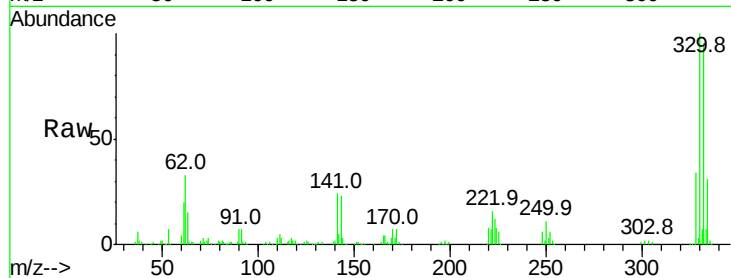




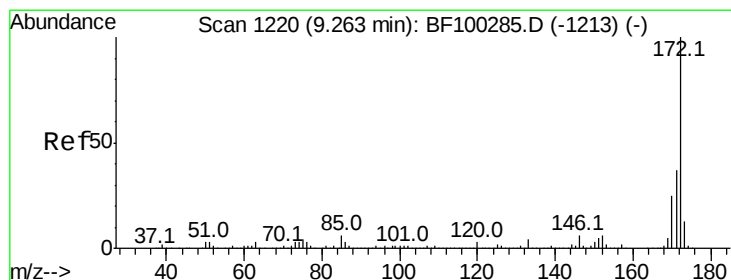
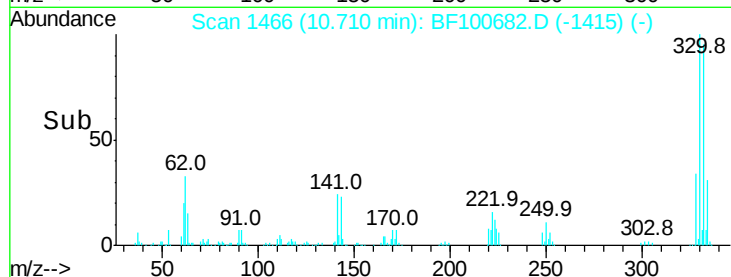
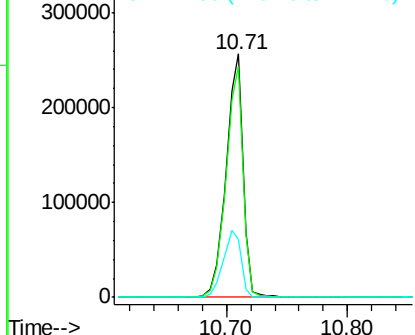
#41
 2,4,6-Tribromophenol
 Concen: 126.376 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF100682.D
 Acq: 17 Nov 2017 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PB104282BL

Tot Ion:330 Resp: 249261
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 28.9 29.9 44.9#

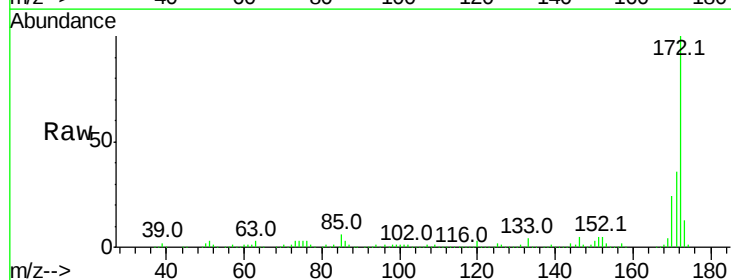


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

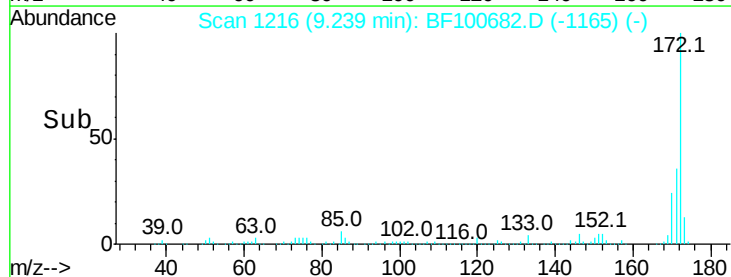
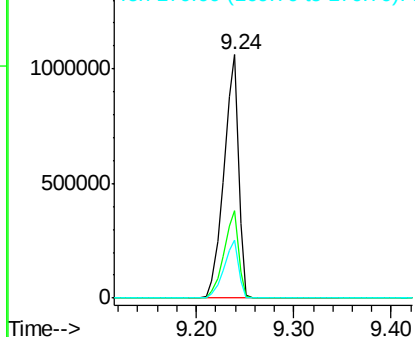


#44
 2-Fluorobiphenyl
 Concen: 86.899 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100682.D
 Acq: 17 Nov 2017 19:16

Tgt Ion:172 Resp: 1104621
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.7 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

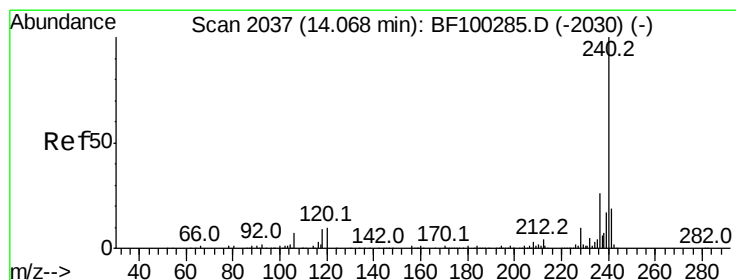
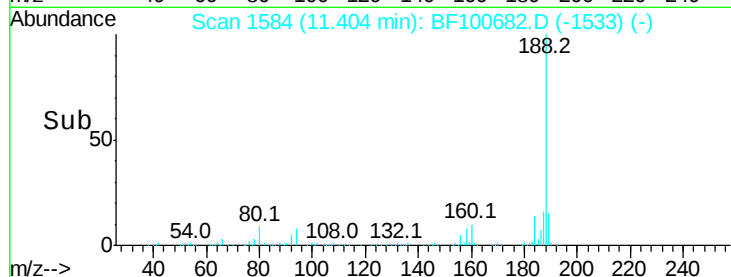
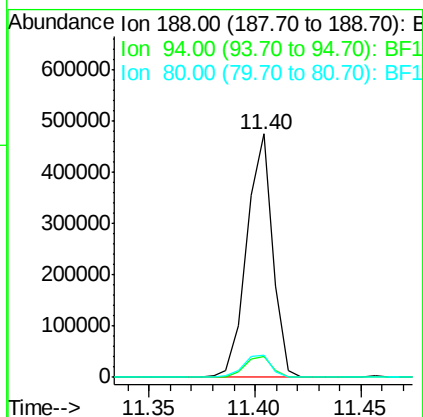
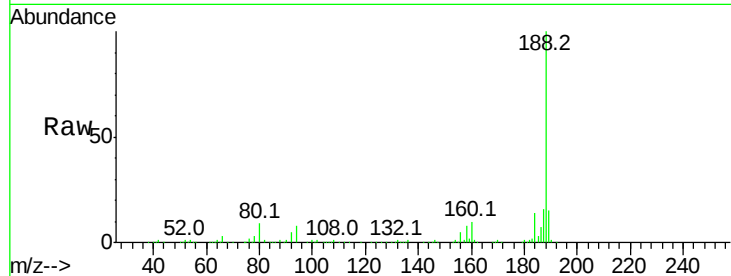




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

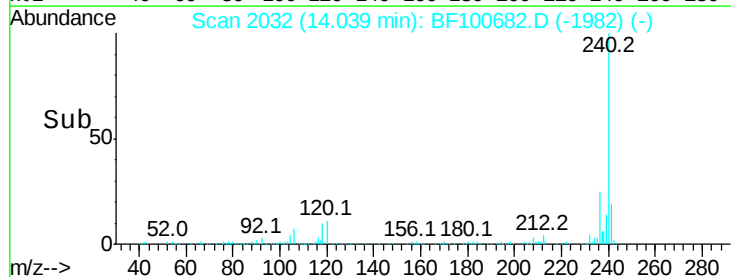
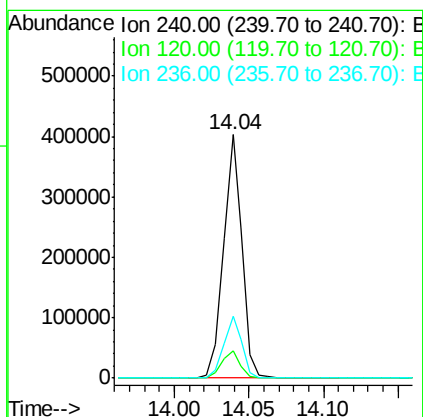
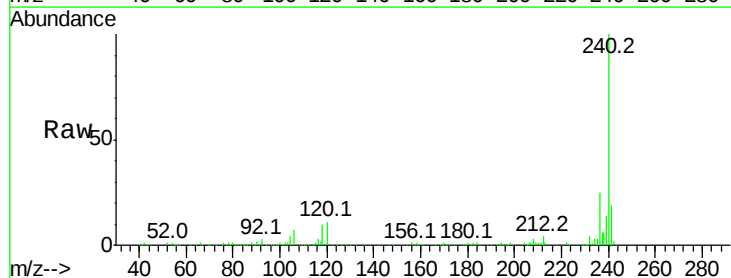
Instrument :
BNA_F
ClientSampleId :
PB104282BL

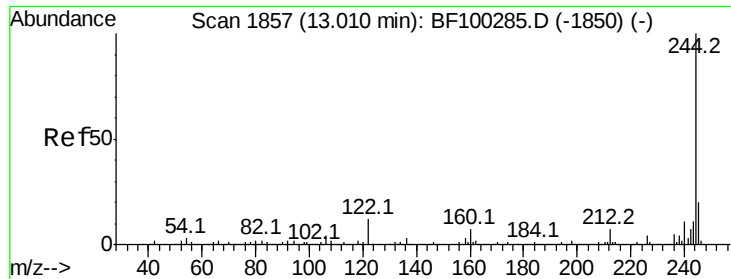
Tot Ion:188 Resp: 402791
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7#
80 9.2 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Tgt Ion:240 Resp: 351275
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 79.389 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF100682.D

Acq: 17 Nov 2017 19:16

Instrument :

BNA_F

ClientSampleId :

PB104282BL

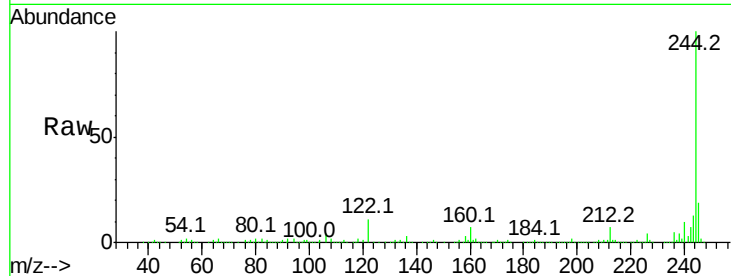
Tot Ion:244 Resp: 1213705

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

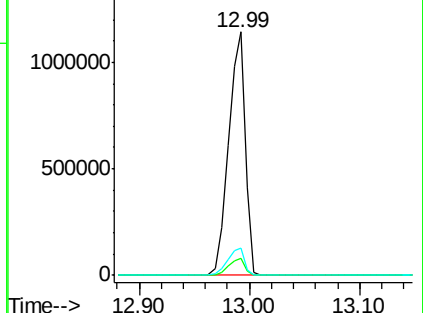
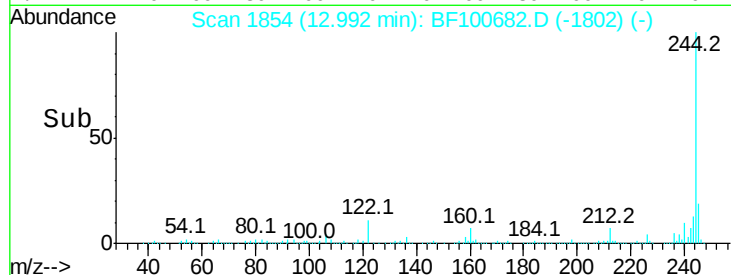
122 11.2 11.0 16.4



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. -0.00 min

Lab File: BF100682.D

Acq: 17 Nov 2017 19:16

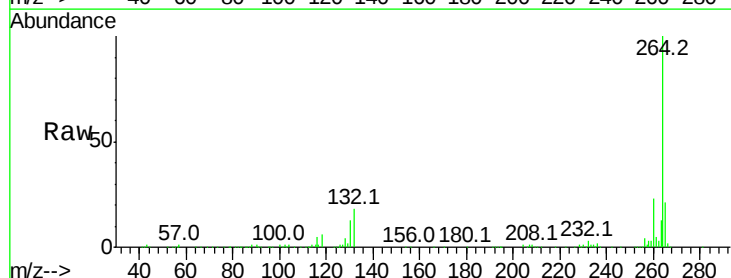
Tgt Ion:264 Resp: 282350

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.2 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

