

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100817.D
 Acq On : 22 Nov 2017 11:03
 Operator : SJ/JU
 Sample : I6499-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PG1-3-E(7-8)

Quant Time: Nov 22 17:45:17 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

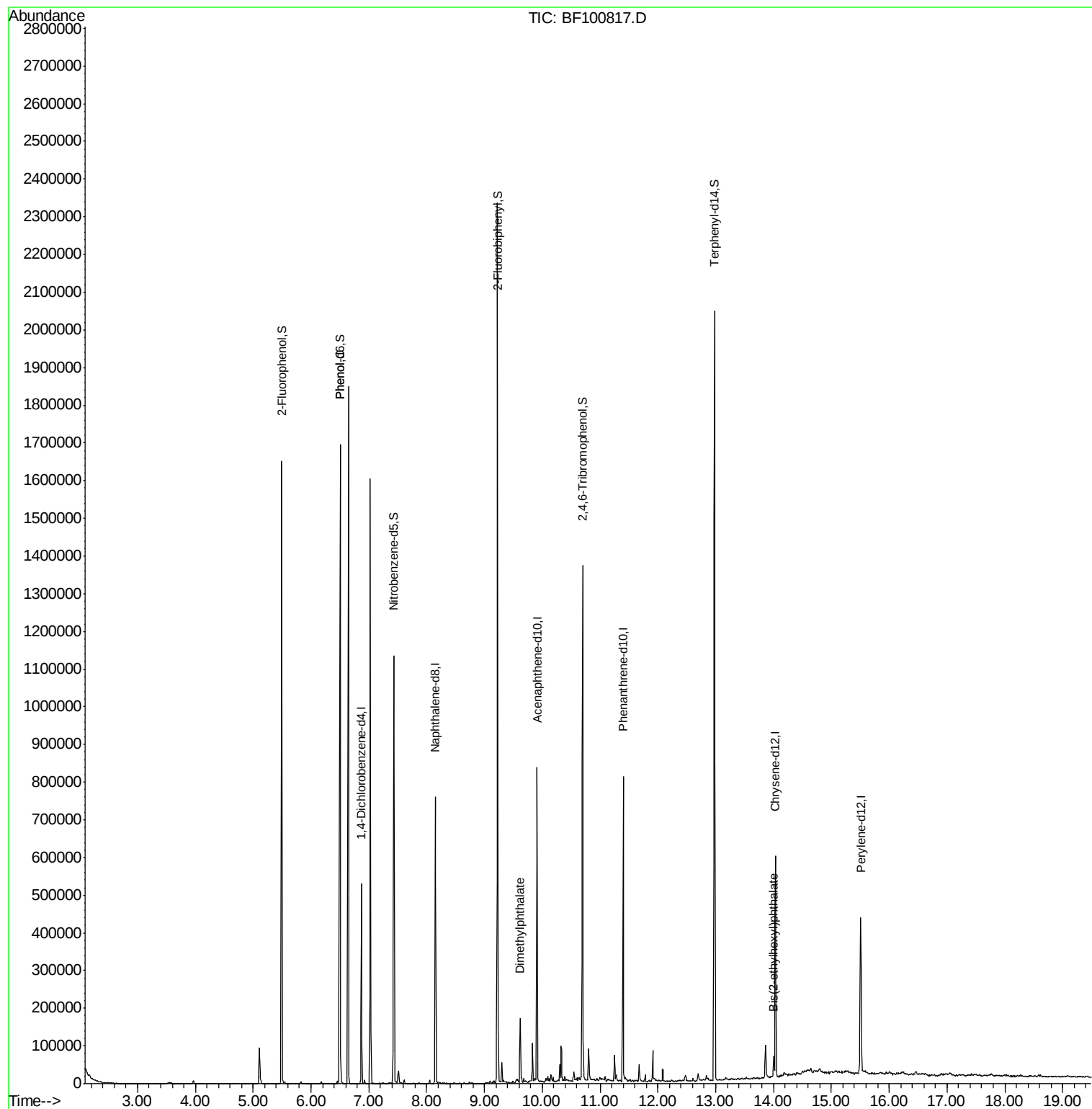
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	83038	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	338792	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	159851	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	296101	20.00	ng	0.00
75) Chrysene-d12	14.03	240	192950	20.00	ng	-0.01
86) Perylene-d12	15.51	264	207143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	512279	98.89	ng	0.00
7) Phenol-d6	6.50	99	627939	98.30	ng	0.00
23) Nitrobenzene-d5	7.43	82	392837	76.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	176962	108.64	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	807517	76.92	ng	-0.01
78) Terphenyl-d14	12.98	244	684458	81.51	ng	0.00
Target Compounds						
10) Phenol	6.51	94	22526	3.359	ng	81
49) Dimethylphthalate	9.62	163	66806	5.474	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	16894	2.290	ng	98

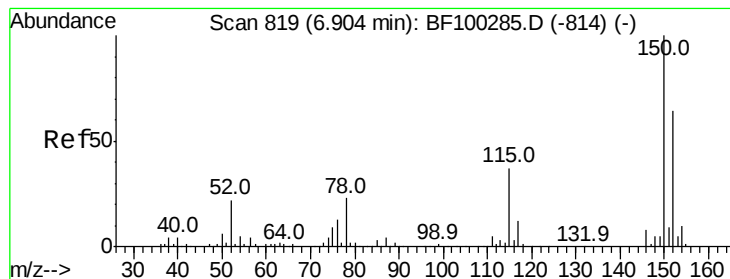
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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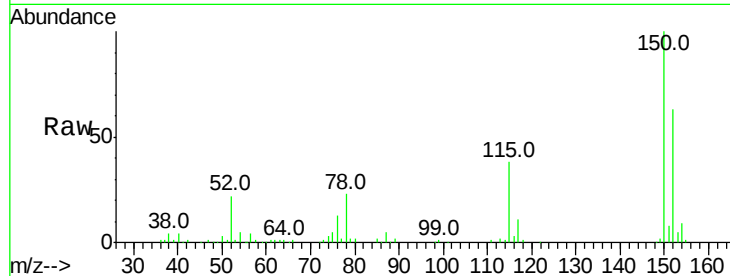


#1

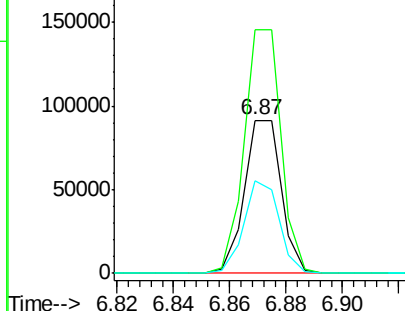
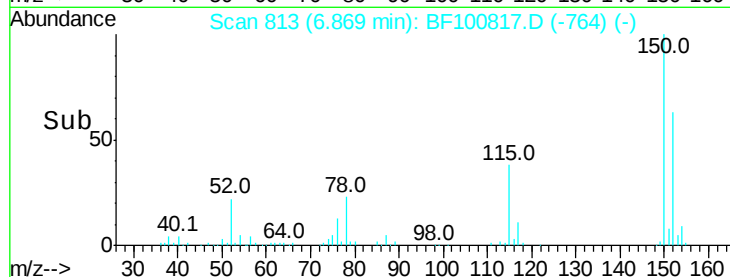
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF100817.D
 Acq: 22 Nov 2017 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PG1-3-E(7-8)

Tot Ion:152 Resp: 83038
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.6 186.8
 115 60.8 50.1 75.1



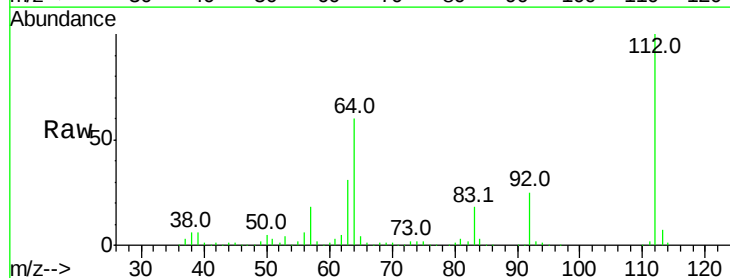
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



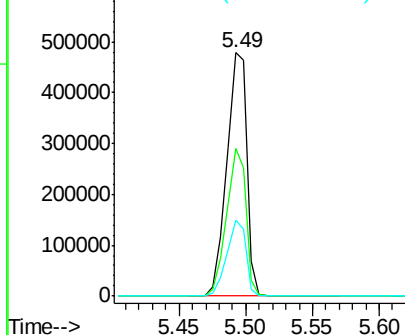
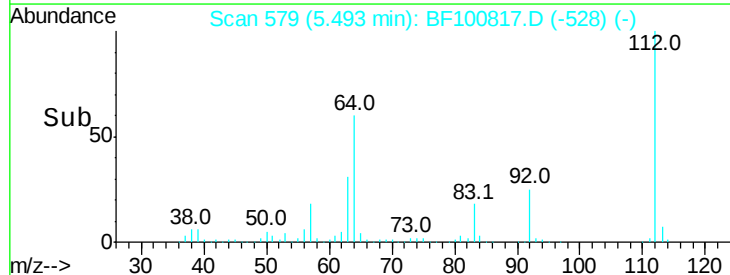
#5

2-Fluorophenol
 Concen: 98.892 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF100817.D
 Acq: 22 Nov 2017 11:03

Tgt Ion:112 Resp: 512279
 Ion Ratio Lower Upper
 112 100
 64 60.4 47.9 71.9
 63 31.0 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: 98.302 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100817.D

Acq: 22 Nov 2017 11:03

Instrument :

BNA_F

ClientSampleId :

PG1-3-E(7-8)

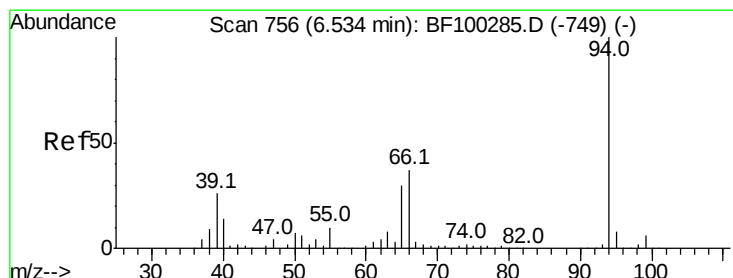
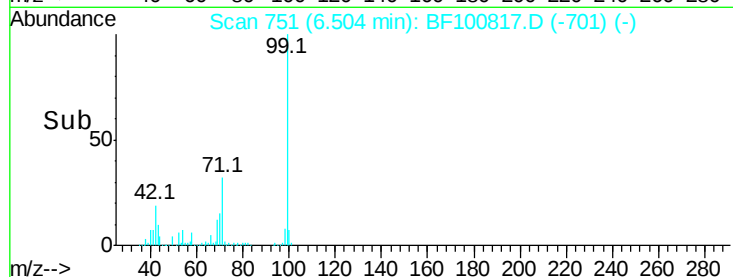
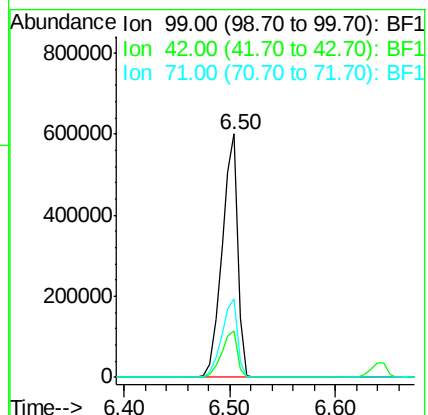
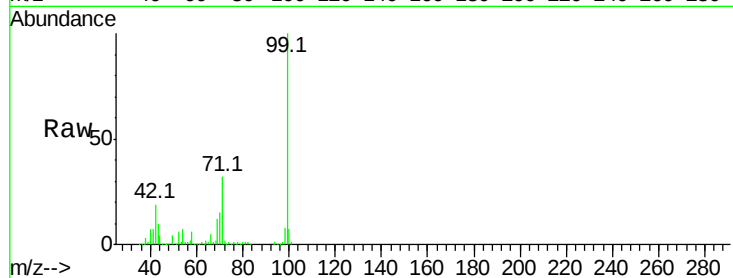
Tot Ion: 99 Resp: 627939

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 32.5 25.4 38.0



#10

Phenol

Concen: 3.359 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100817.D

Acq: 22 Nov 2017 11:03

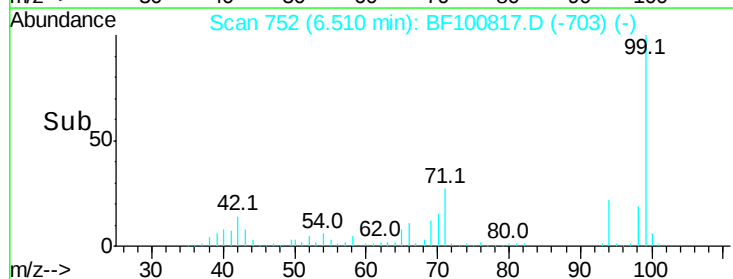
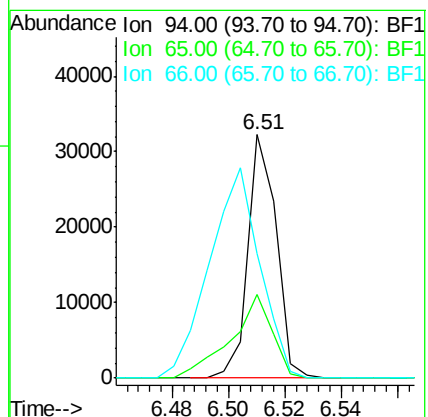
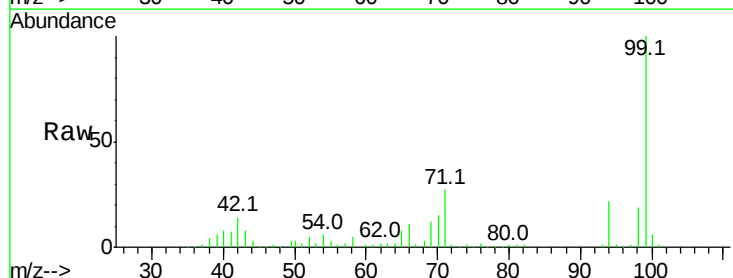
Tgt Ion: 94 Resp: 22526

Ion Ratio Lower Upper

94 100

65 34.2 7.9 47.9

66 51.0 16.2 56.2

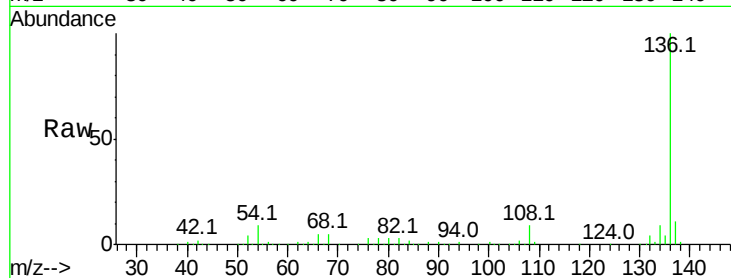




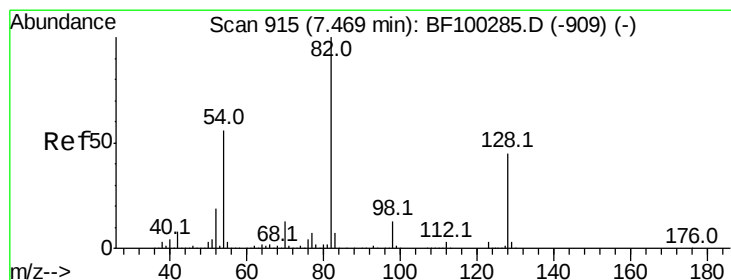
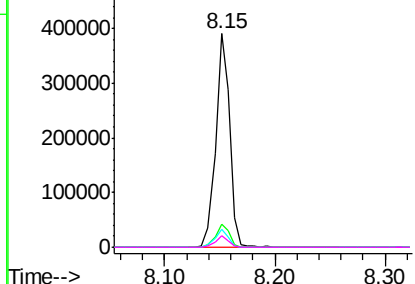
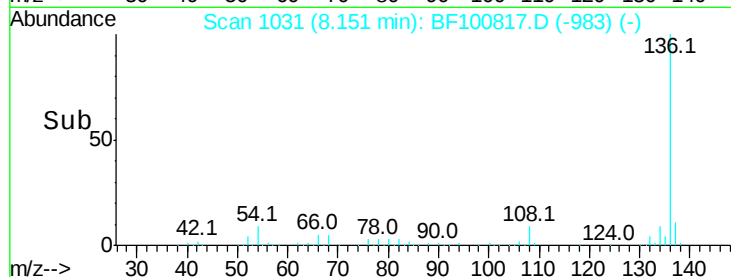
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100817.D
Acq: 22 Nov 2017 11:03

Instrument :
BNA_F
ClientSampleId :
PG1-3-E(7-8)

Tot Ion:	136	Resp:	338792
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.5	6.6	9.8
68	5.5	5.0	7.4

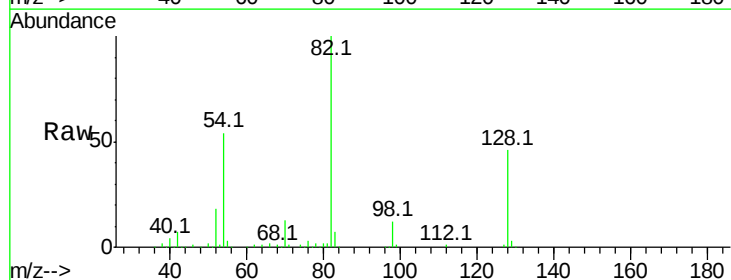


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

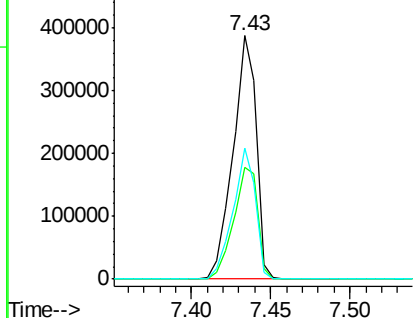
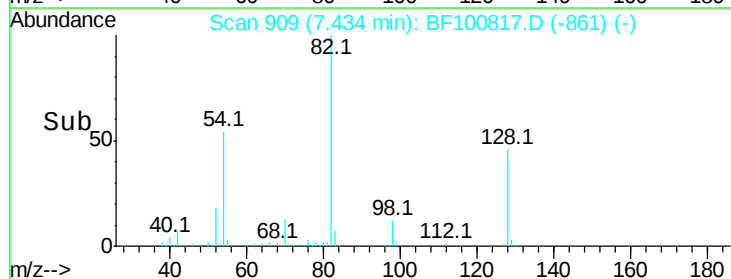


#23
Nitrobenzene-d5
Concen: 76.660 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100817.D
Acq: 22 Nov 2017 11:03

Tgt Ion:	82	Resp:	392837
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	53.7	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

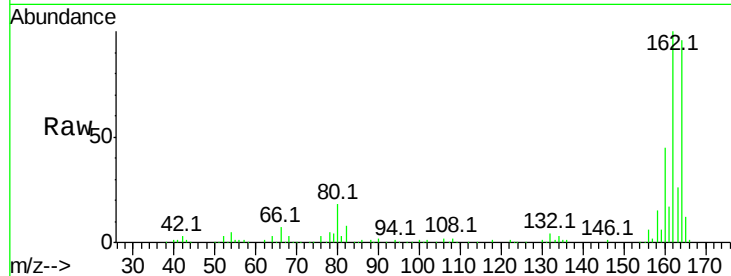




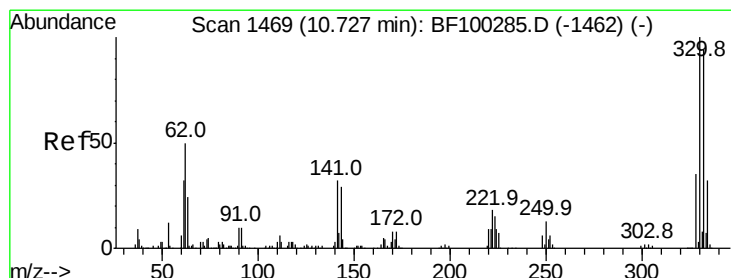
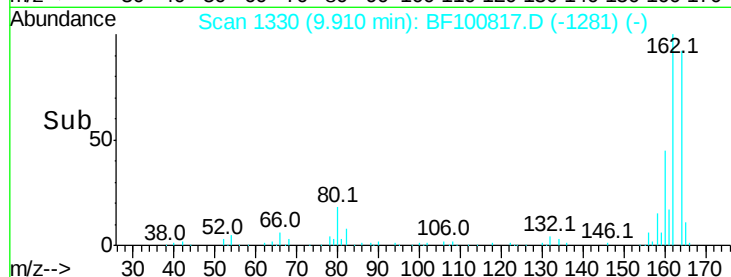
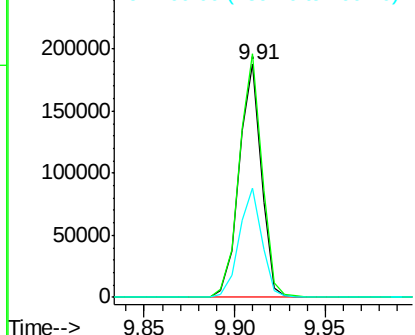
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100817.D
 Acq: 22 Nov 2017 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PG1-3-E(7-8)

Tot Ion:164 Resp: 159851
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 46.8 38.3 57.5

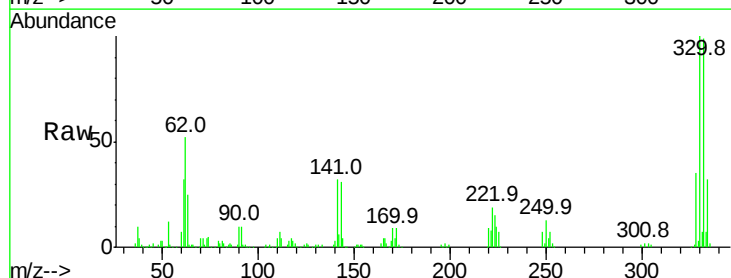


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

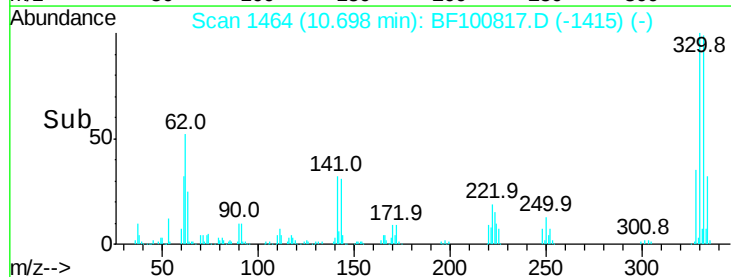
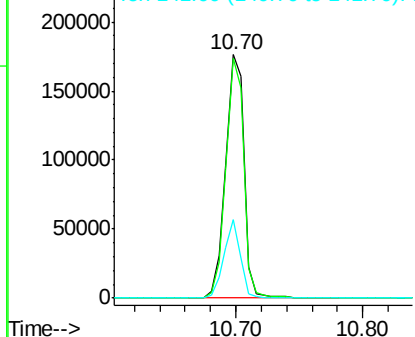


#41
 2,4,6-Tribromophenol
 Concen: 108.640 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100817.D
 Acq: 22 Nov 2017 11:03

Tgt Ion:330 Resp: 176962
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 29.0 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

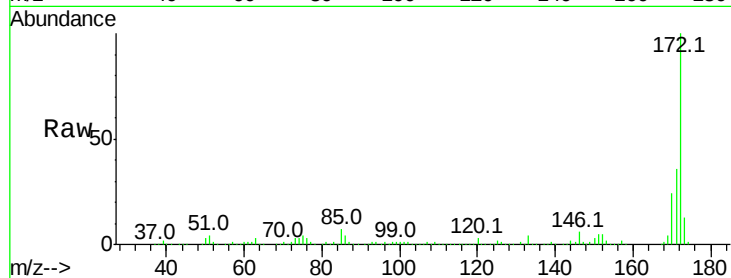




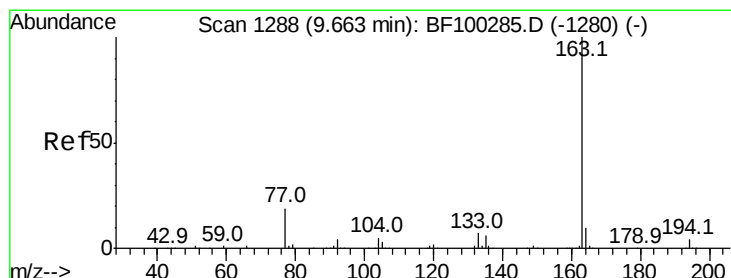
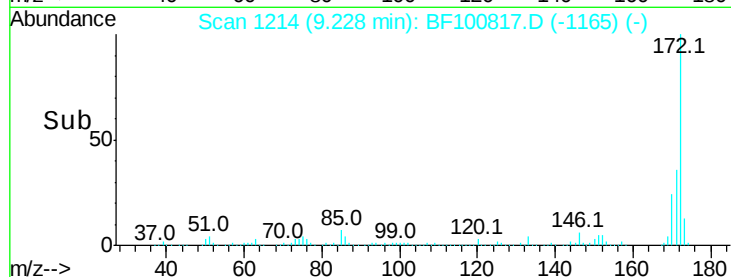
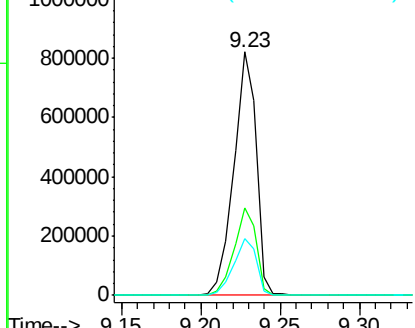
#44
2-Fluorobiphenyl
Concen: 76.923 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100817.D
Acq: 22 Nov 2017 11:03

Instrument :
BNA_F
ClientSampleId :
PG1-3-E(7-8)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.5	19.6	29.4

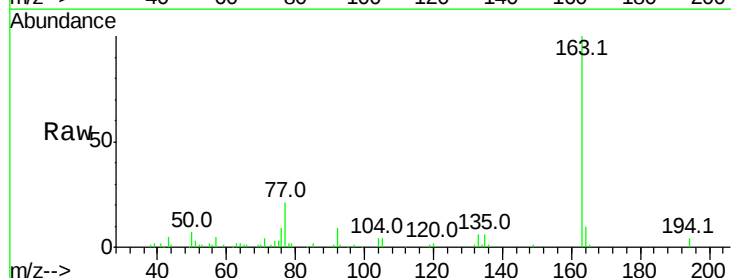


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

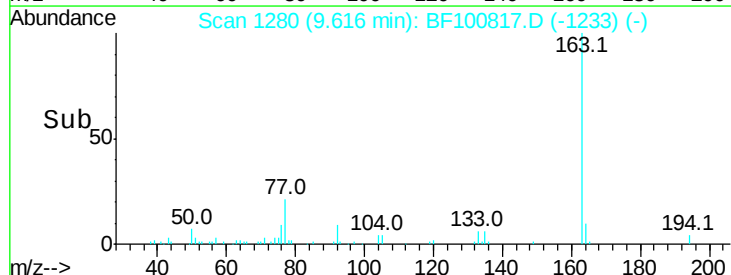
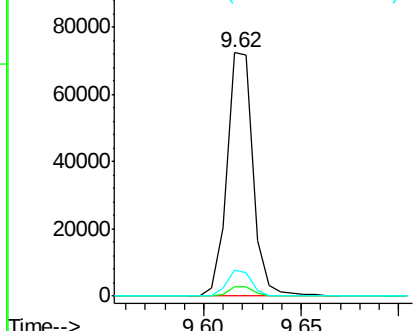


#49
Dimethylphthalate
Concen: 5.474 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100817.D
Acq: 22 Nov 2017 11:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.5	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: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF100817.D

Acq: 22 Nov 2017 11:03

Instrument :

BNA_F

ClientSampleId :

PG1-3-E(7-8)

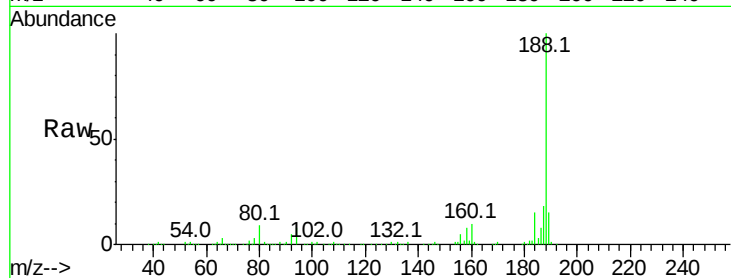
Tot Ion:188 Resp: 296101

Ion Ratio Lower Upper

188 100

94 8.2 8.5 12.7#

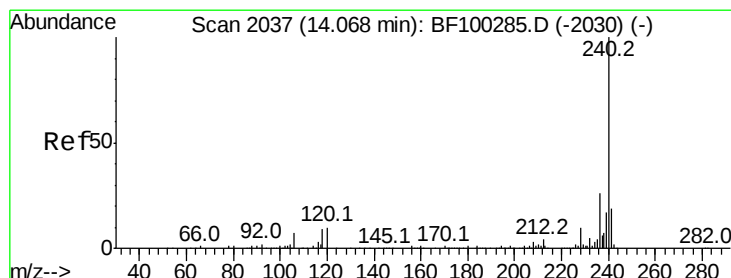
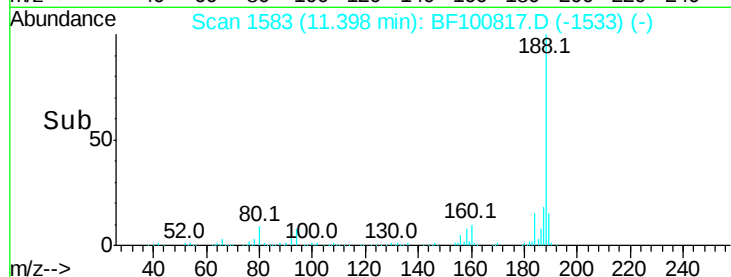
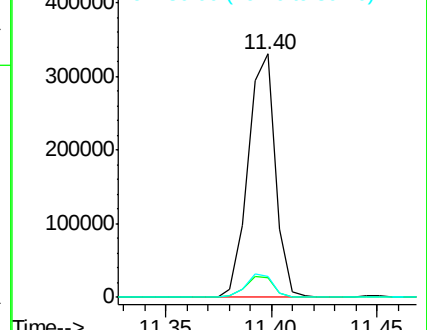
80 8.6 9.2 13.8#



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: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100817.D

Acq: 22 Nov 2017 11:03

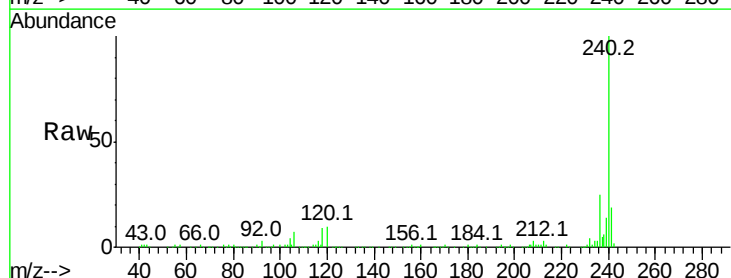
Tgt Ion:240 Resp: 192950

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

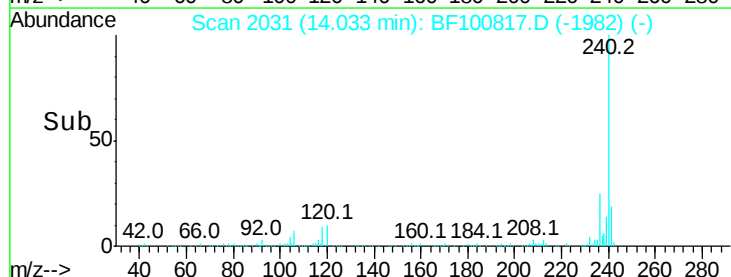
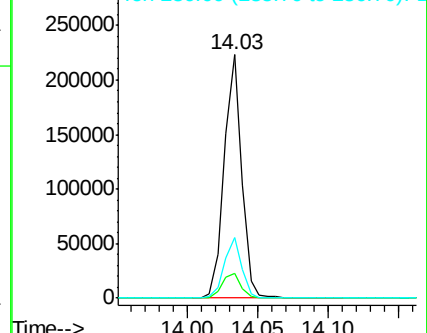
236 24.6 20.7 31.1



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: 81.507 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100817.D

Acq: 22 Nov 2017 11:03

Instrument :

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PG1-3-E(7-8)

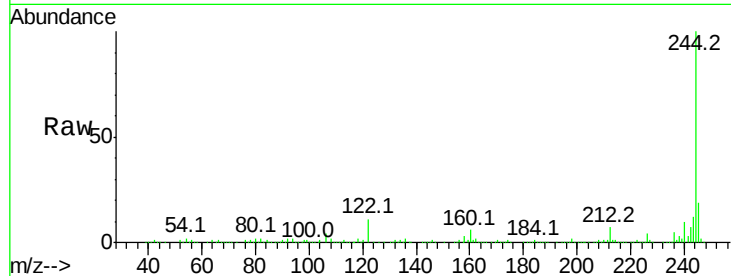
Tot Ion:244 Resp: 684458

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

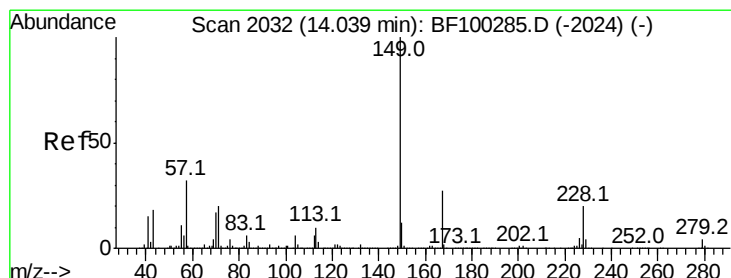
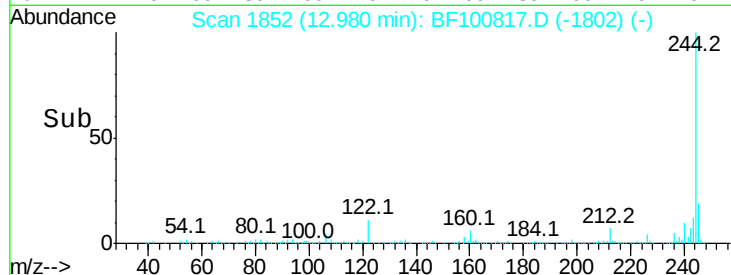
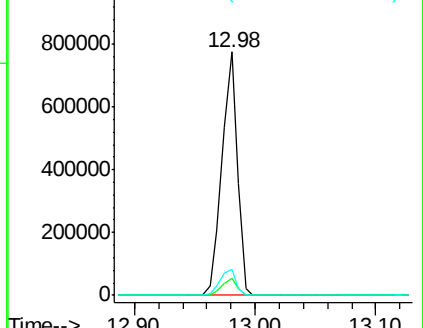
122 10.7 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.290 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF100817.D

Acq: 22 Nov 2017 11:03

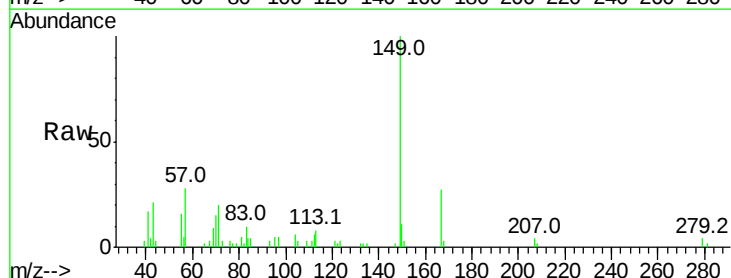
Tgt Ion:149 Resp: 16894

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

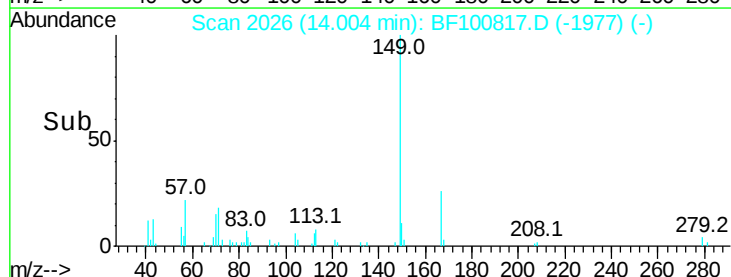
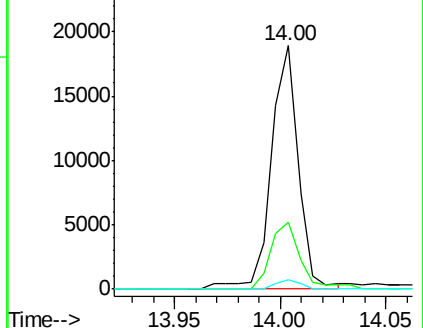
279 4.0 3.0 4.4

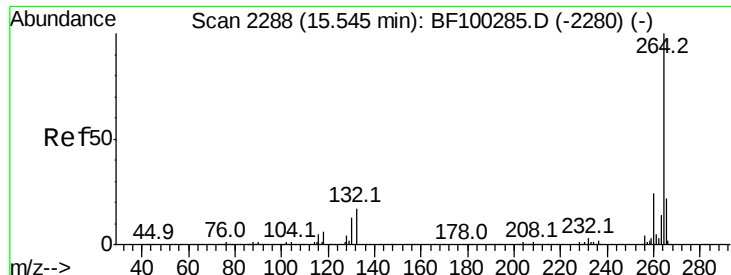


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100817.D
Acq: 22 Nov 2017 11:03

Instrument :
BNA_F
ClientSampleId :
PG1-3-E(7-8)

Tot Ion:264 Resp: 207143

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.2	17.5	26.3

