

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100758.D
 Acq On : 21 Nov 2017 3:55
 Operator : SJ/JU
 Sample : I6535-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342

Quant Time: Nov 21 06:38:30 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

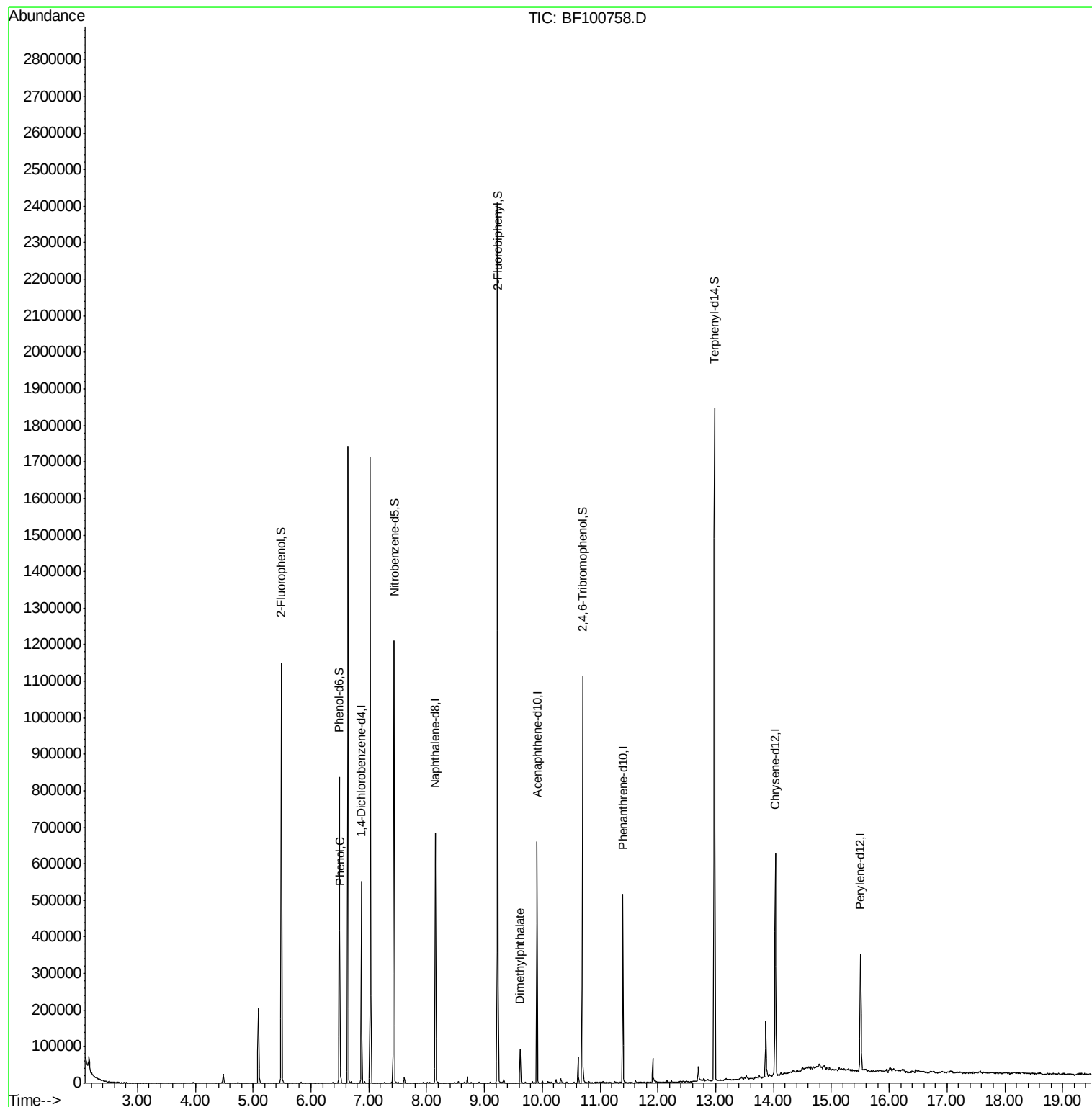
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	84772	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	317655	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	123316	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	190167	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	195312	20.00	ng	-0.01
86) Perylene-d12	15.50	264	155198	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	314260	59.42	ng	0.00
7) Phenol-d6	6.49	99	246255	37.76	ng	-0.02
23) Nitrobenzene-d5	7.44	82	434303	90.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	134128	106.74	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	825235	101.90	ng	-0.01
78) Terphenyl-d14	12.98	244	633880	74.57	ng	0.00
Target Compounds						
10) Phenol	6.50	94	20992	3.066	ng	96
49) Dimethylphthalate	9.62	163	39284	4.172	ng	100

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

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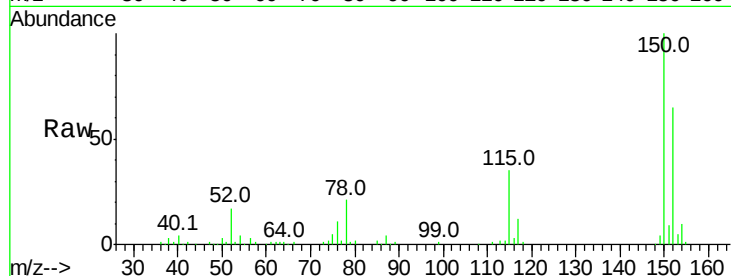


#1

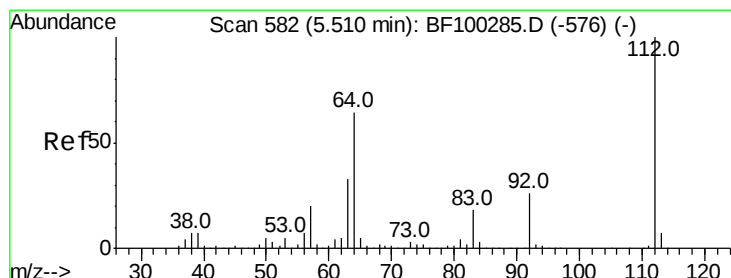
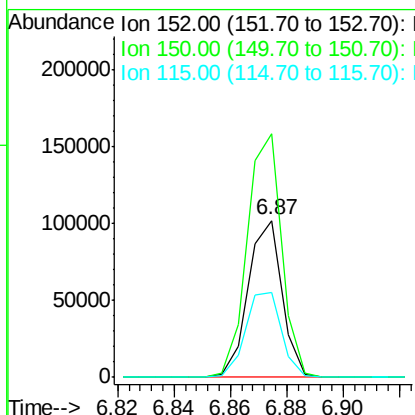
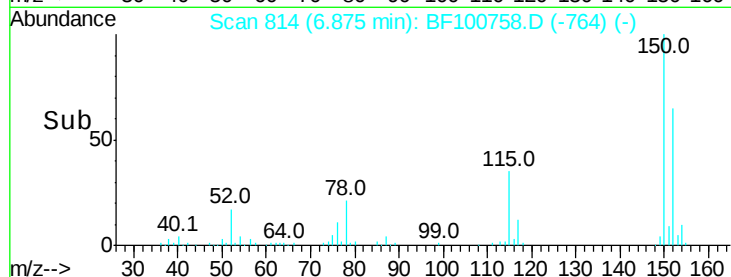
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF100758.D
 Acq: 21 Nov 2017 3:55

Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342

Tot Ion:152 Resp: 84772
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.6 186.8
 115 54.4 50.1 75.1



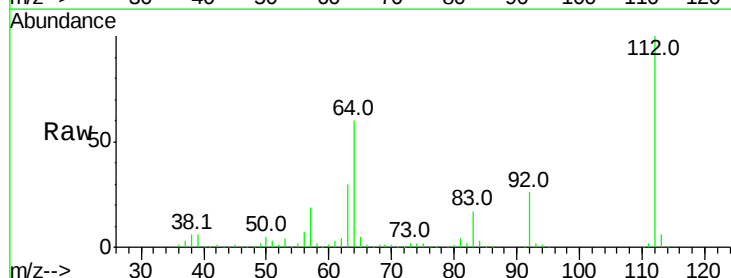
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



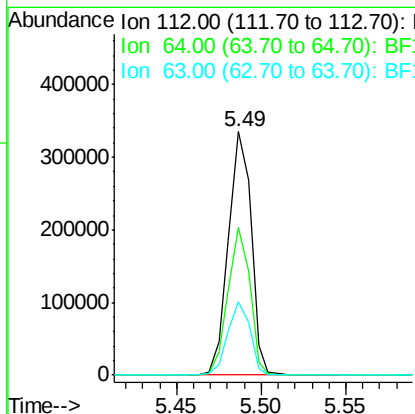
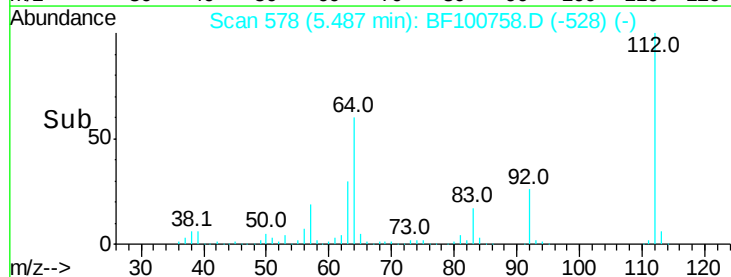
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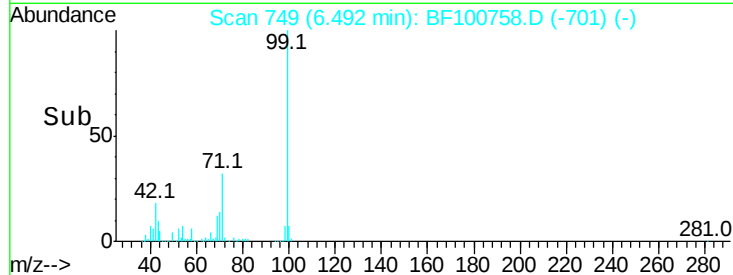
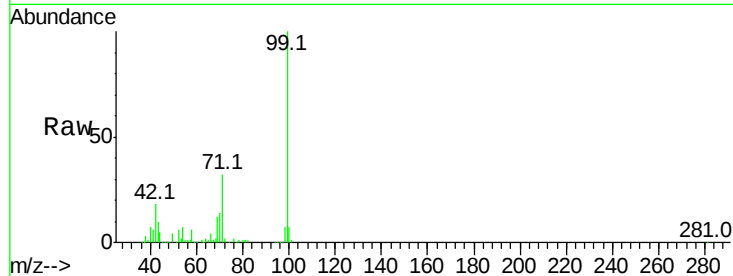
2-Fluorophenol
 Concen: 59.425 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF100758.D
 Acq: 21 Nov 2017 3:55

Tgt Ion:112 Resp: 314260
 Ion Ratio Lower Upper
 112 100
 64 60.4 47.9 71.9
 63 30.1 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: 37.762 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100758.D

Acq: 21 Nov 2017 3:55

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342

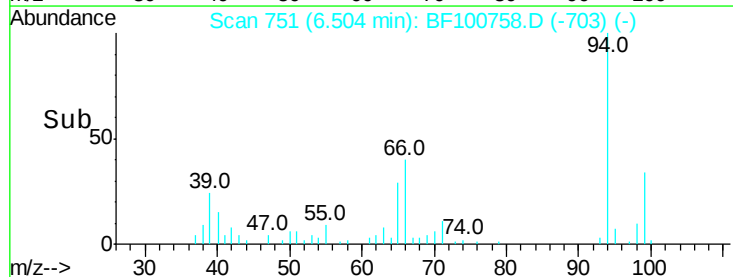
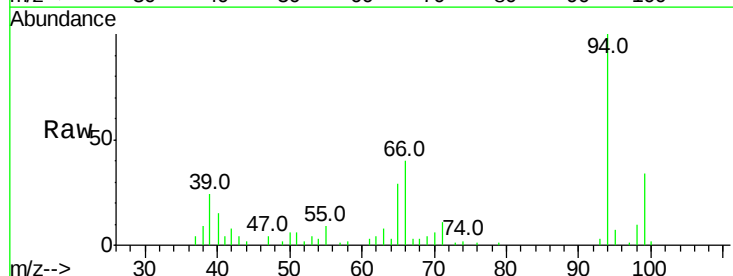
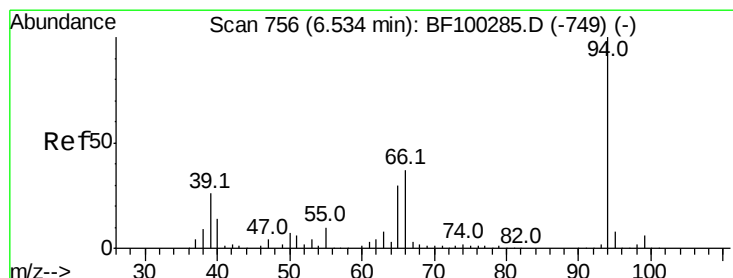
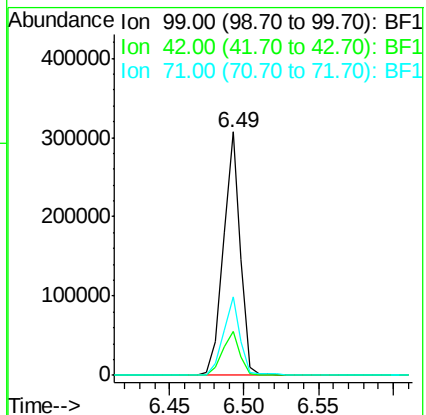
Tot Ion: 99 Resp: 246255

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 32.2 25.4 38.0



#10

Phenol

Concen: 3.066 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF100758.D

Acq: 21 Nov 2017 3:55

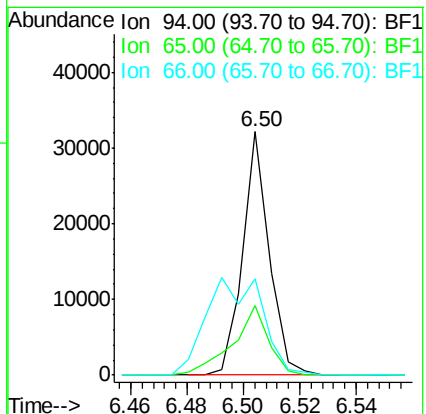
Tgt Ion: 94 Resp: 20992

Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

66 39.5 16.2 56.2

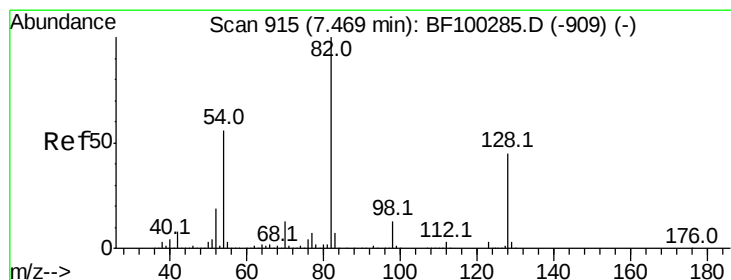
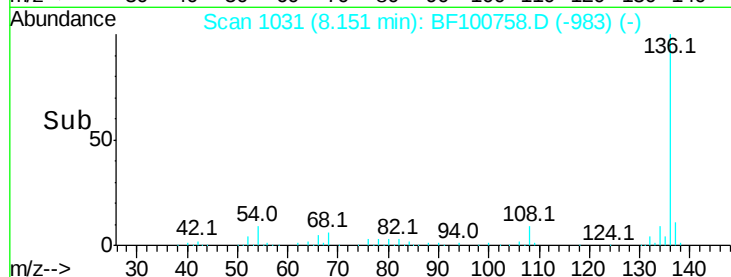
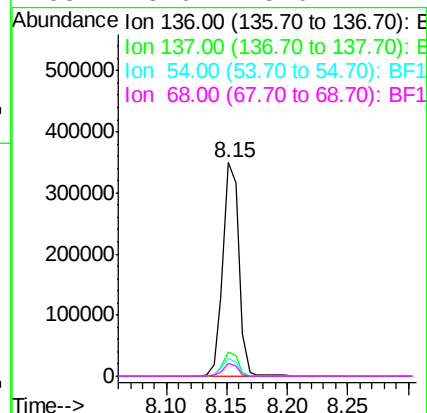
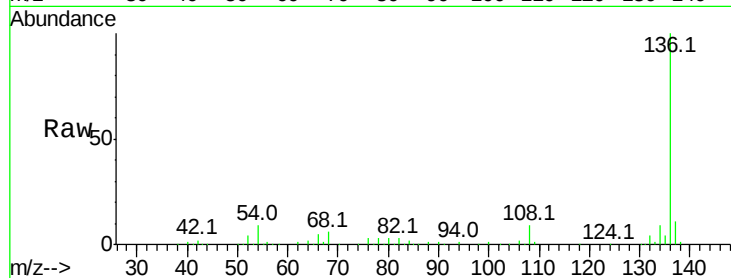




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100758.D
Acq: 21 Nov 2017 3:55

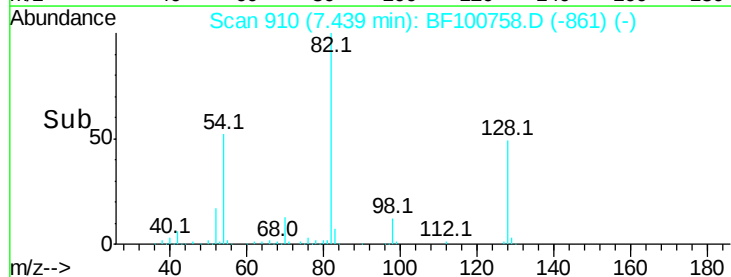
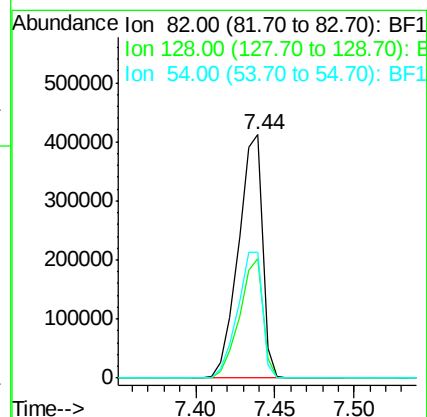
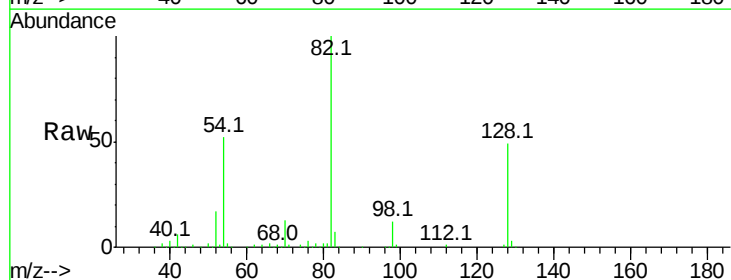
Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342

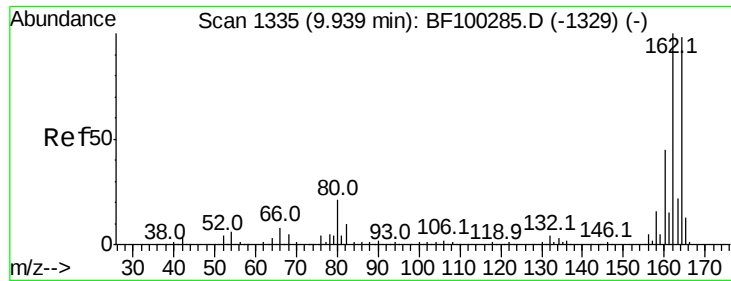
Tot Ion:	136	Resp:	317655
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.6	6.6	9.8
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 90.391 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100758.D
Acq: 21 Nov 2017 3:55

Tgt Ion:	82	Resp:	434303
Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.1	54.1
54	51.8	41.4	62.2

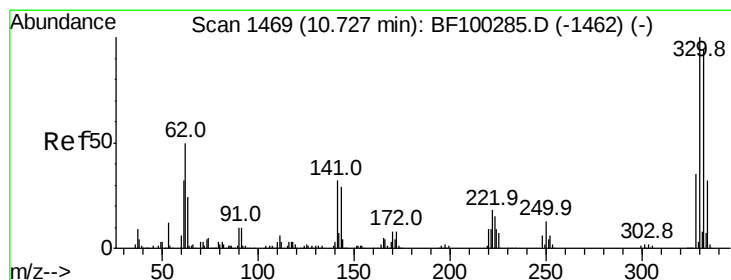
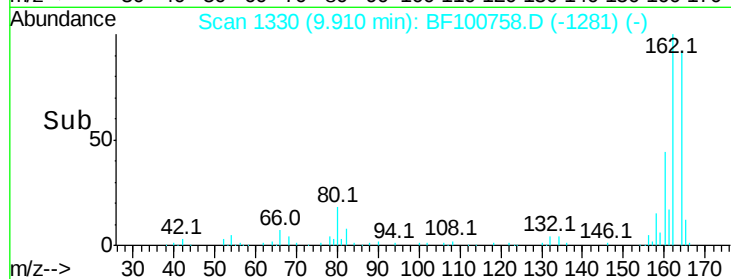
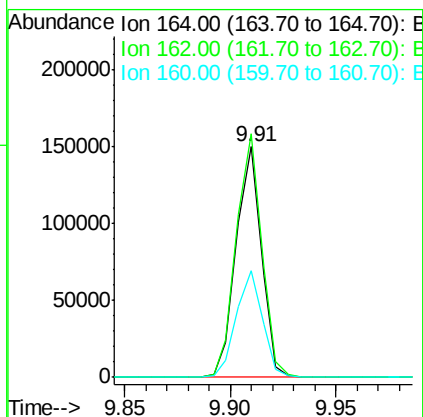
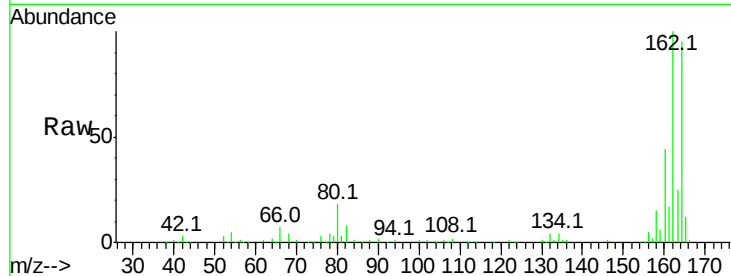




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100758.D
 Acq: 21 Nov 2017 3:55

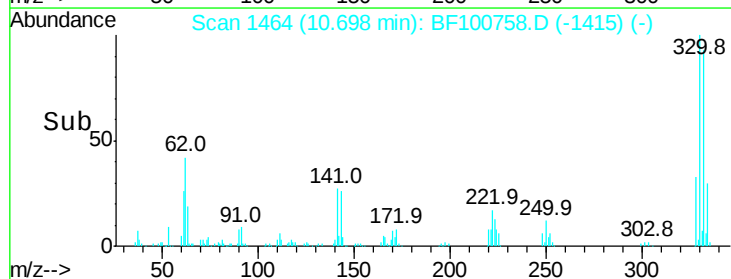
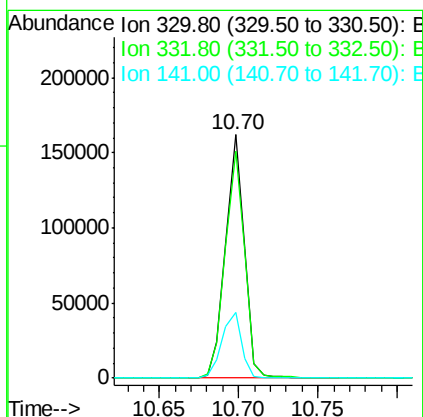
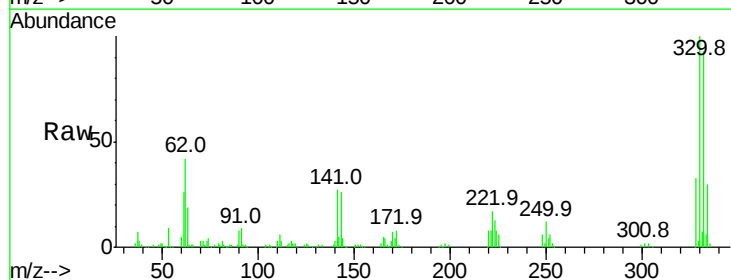
Instrument :
 BNA_F
 ClientSampleId :
 RT-4252-RT-3025-RT-2342

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	46.5	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 106.740 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100758.D
 Acq: 21 Nov 2017 3:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	28.3	29.9	44.9#

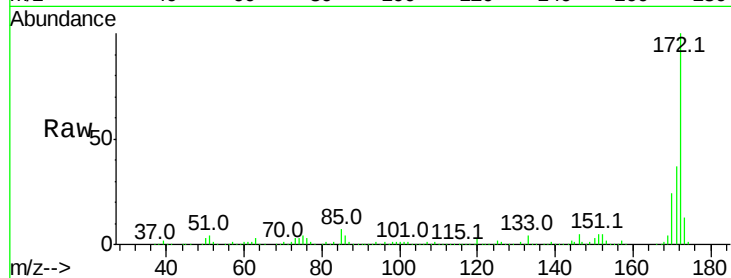




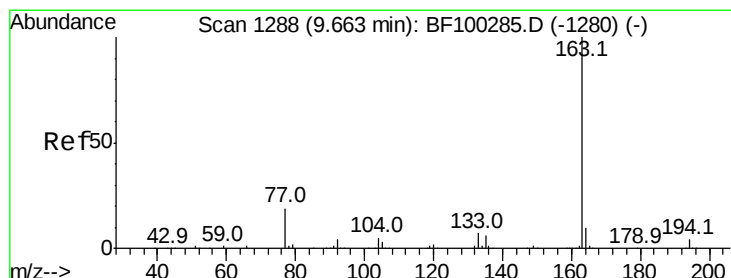
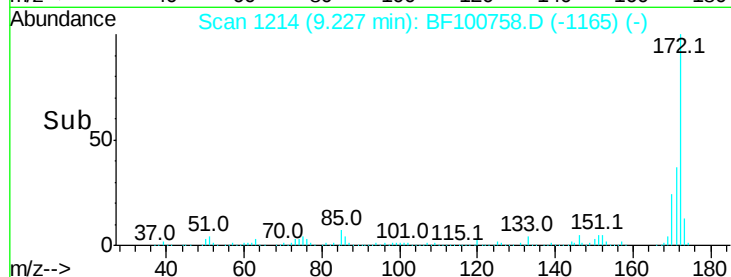
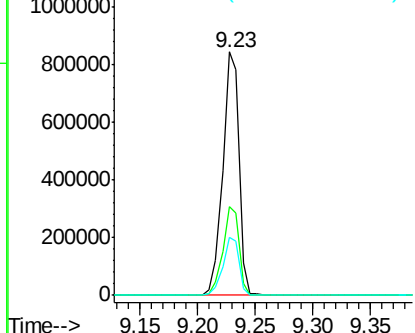
#44
2-Fluorobiphenyl
Concen: 101.900 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100758.D
Acq: 21 Nov 2017 3:55

Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342

Tot Ion:172 Resp: 825235
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 23.6 19.6 29.4

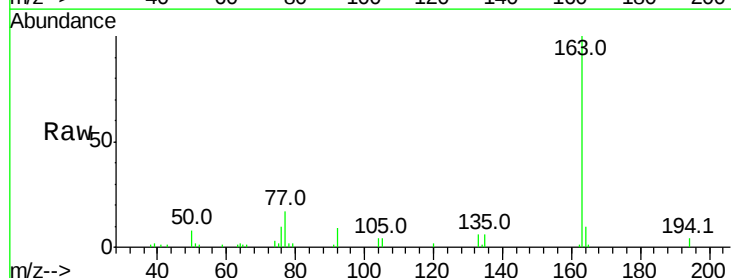


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

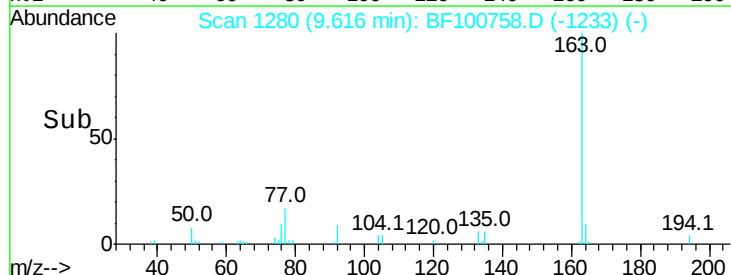
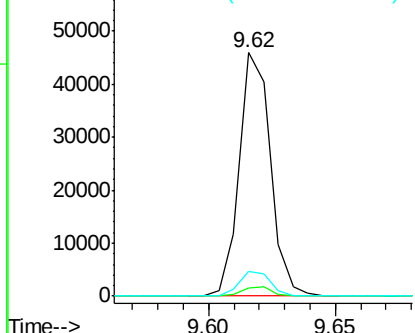


#49
Dimethylphthalate
Concen: 4.172 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100758.D
Acq: 21 Nov 2017 3:55

Tgt Ion:163 Resp: 39284
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.3 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

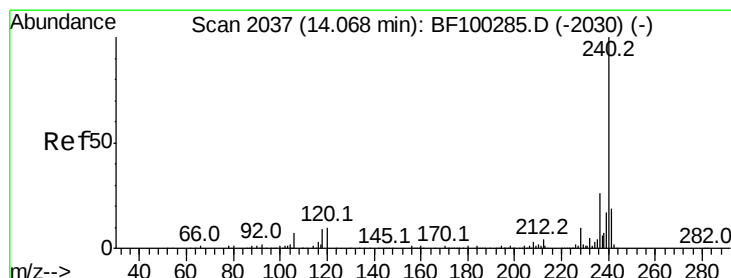
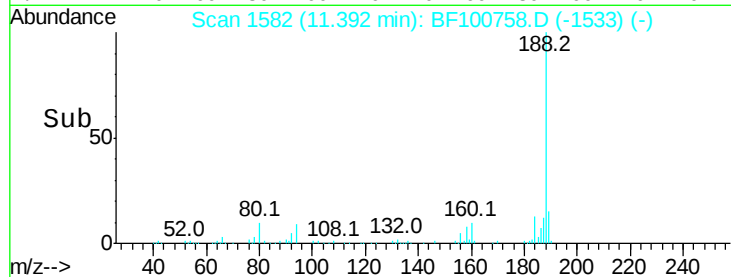
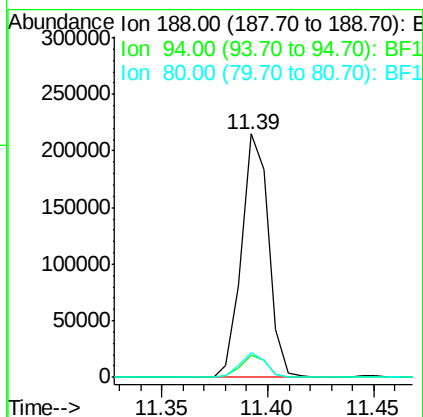
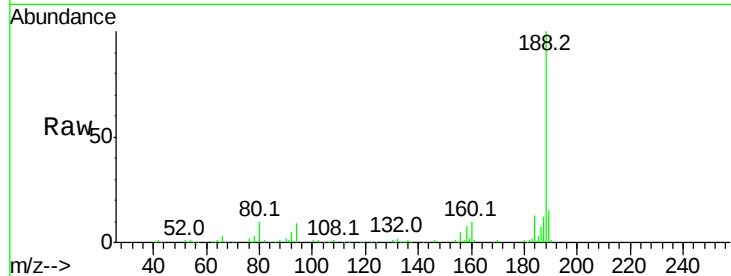




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100758.D
Acq: 21 Nov 2017 3:55

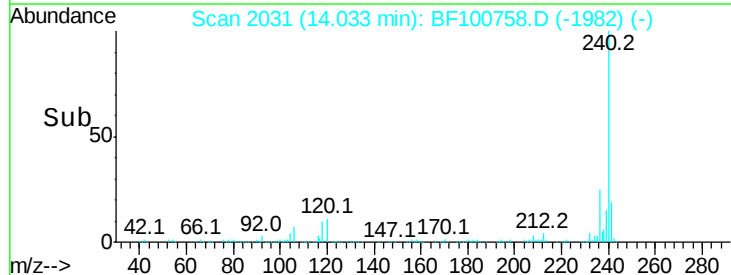
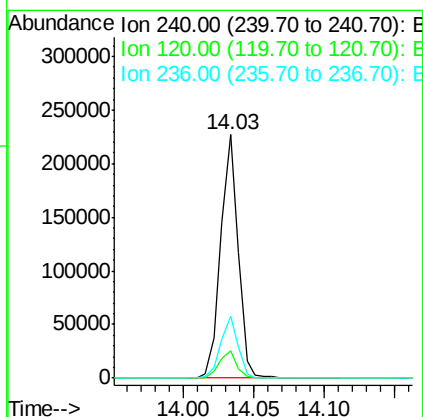
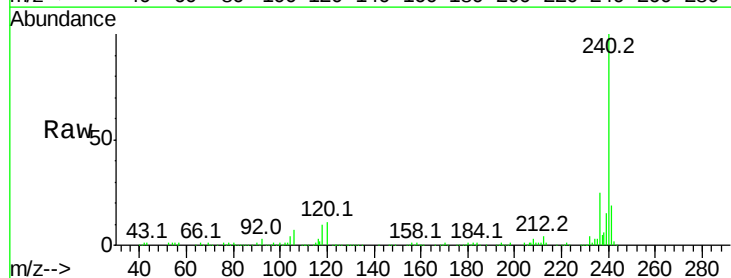
Instrument :
BNA_F
ClientSampleId :
RT-4252-RT-3025-RT-2342

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.4	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100758.D
Acq: 21 Nov 2017 3:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.3	20.7	31.1





#78

Terphenyl-d14

Concen: 74.572 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100758.D

Acq: 21 Nov 2017 3:55

Instrument :

BNA_F

ClientSampleId :

RT-4252-RT-3025-RT-2342

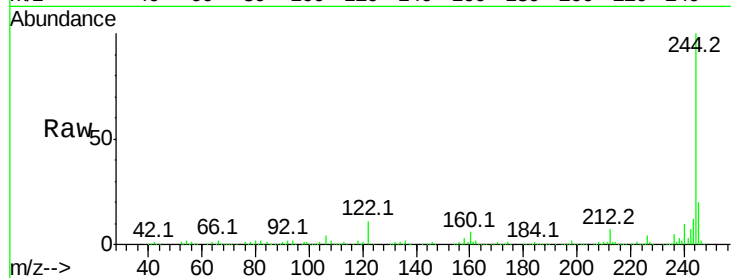
Tot Ion:244 Resp: 633880

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

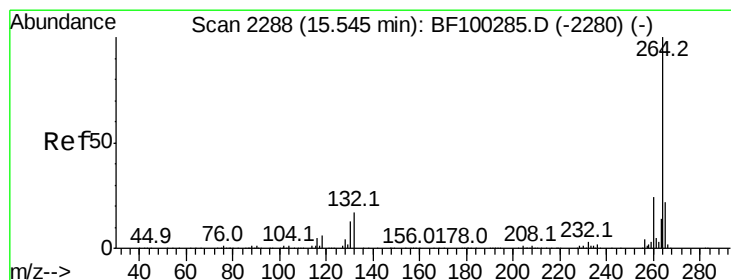
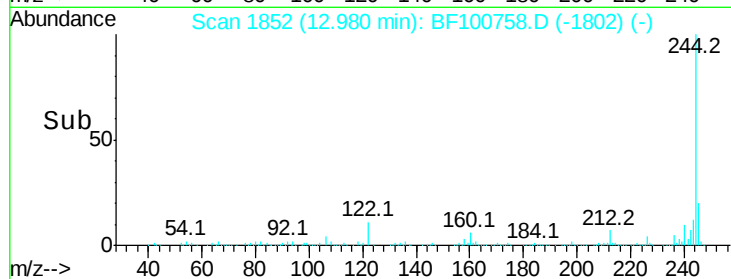
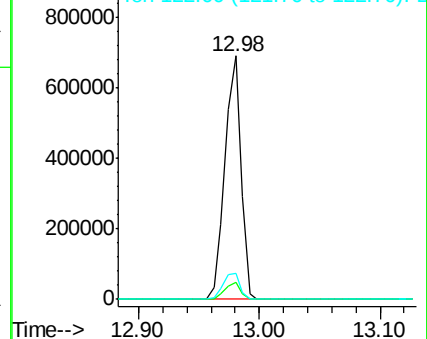
122 10.8 11.0 16.4#



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: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF100758.D

Acq: 21 Nov 2017 3:55

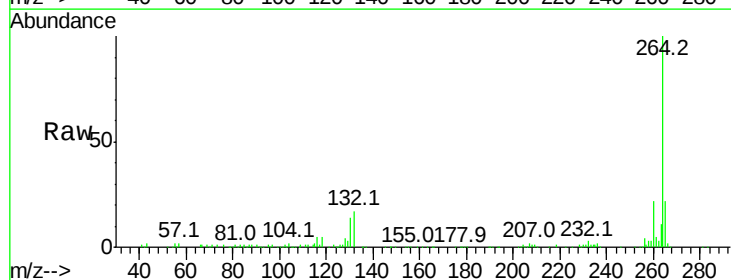
Tgt Ion:264 Resp: 155198

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 21.7 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

