

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100761.D
 Acq On : 21 Nov 2017 6:08
 Operator : SJ/JU
 Sample : PB104384TB
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104384TB

Quant Time: Nov 21 07:07:19 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	76759	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	302598	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	125818	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	197819	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	172675	20.00	ng	-0.01
86) Perylene-d12	15.50	264	132972	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	583192	121.79	ng	0.00
7) Phenol-d6	6.50	99	697935	118.20	ng	-0.01
23) Nitrobenzene-d5	7.43	82	429629	93.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	140356	109.47	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	858373	103.88	ng	-0.01
78) Terphenyl-d14	12.98	244	615462	81.90	ng	0.00

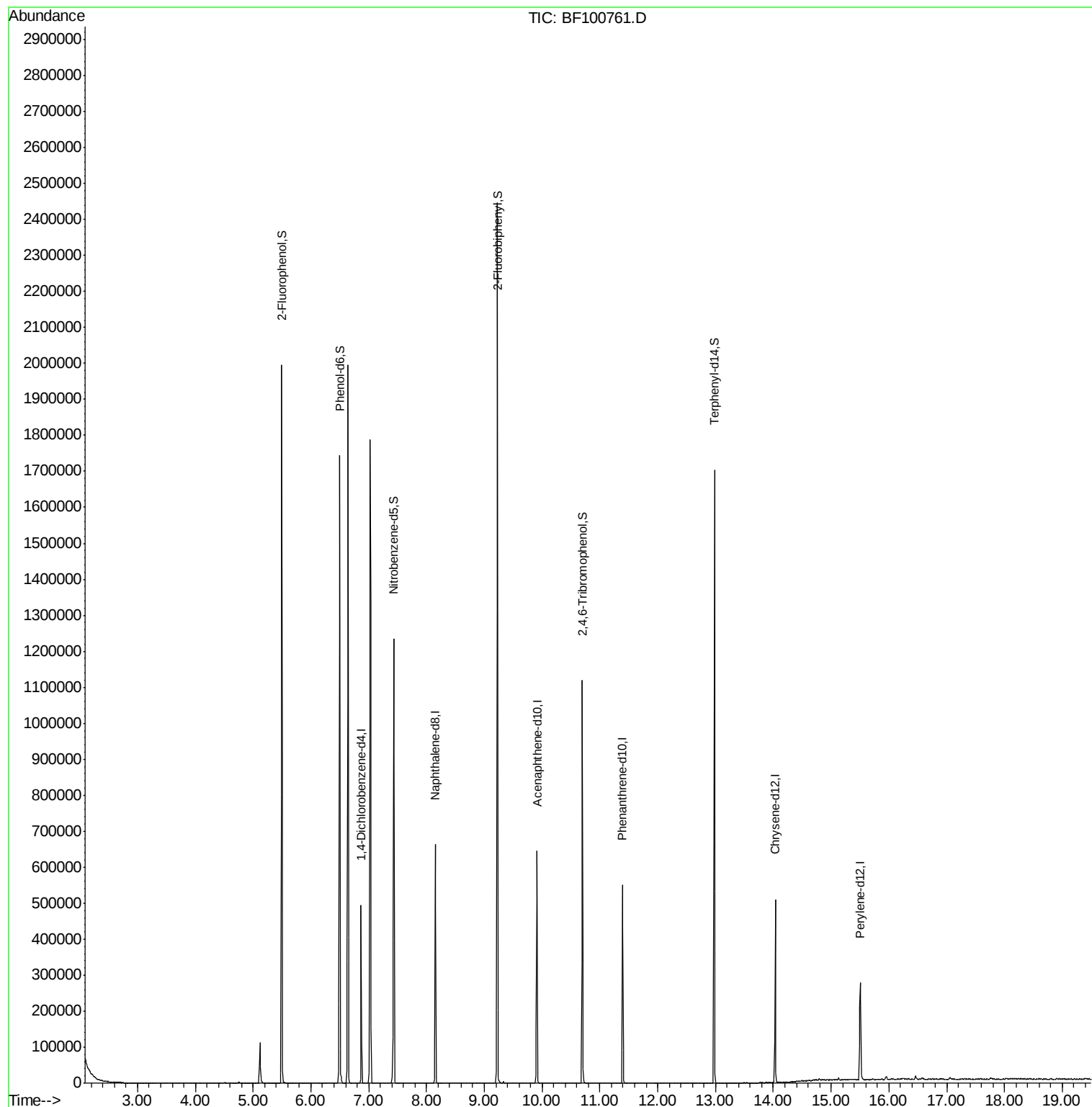
Target Compounds Qvalue

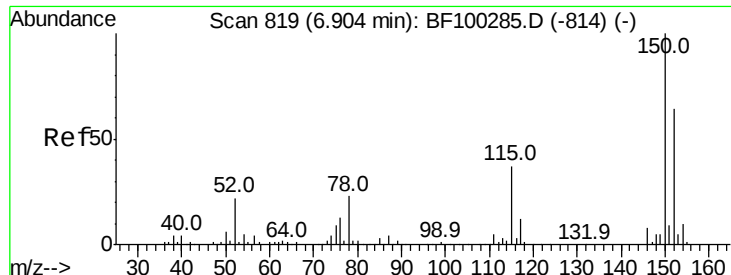
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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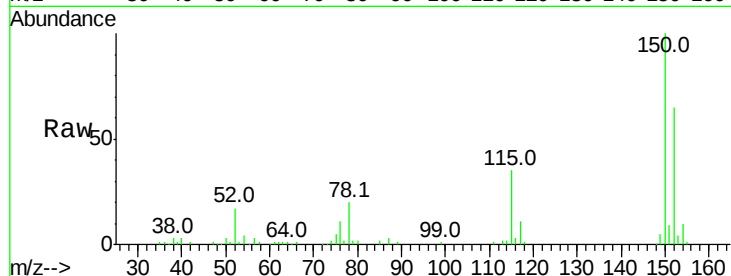


#1

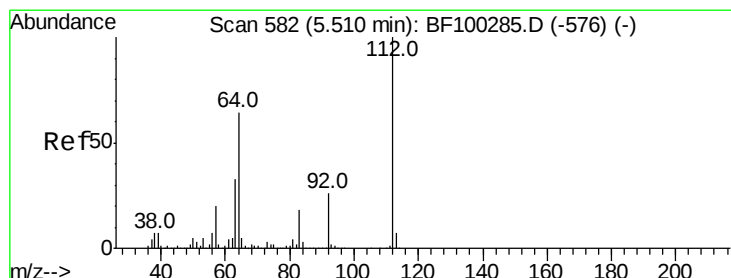
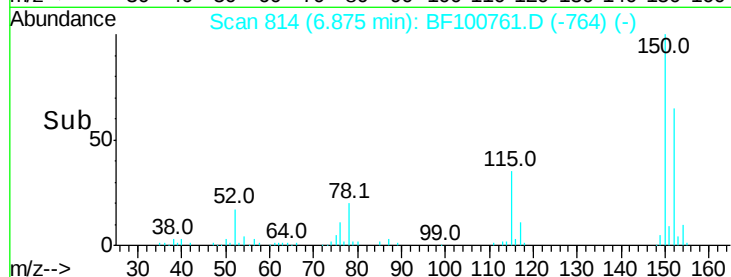
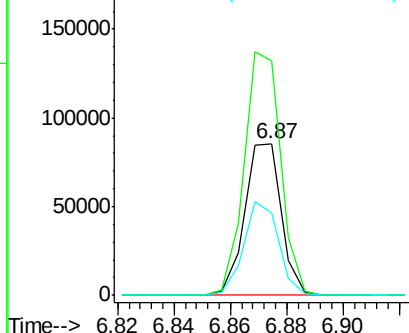
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Instrument :
BNA_F
ClientSampleId :
PB104384TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	53.8	50.1	75.1



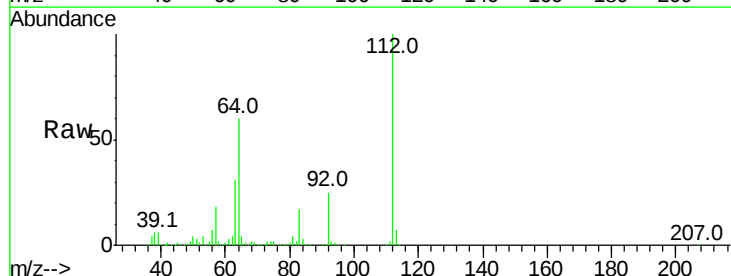
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



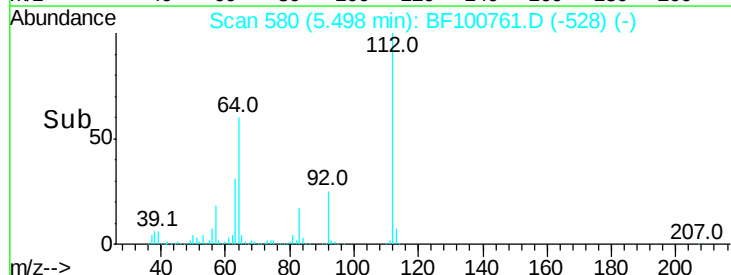
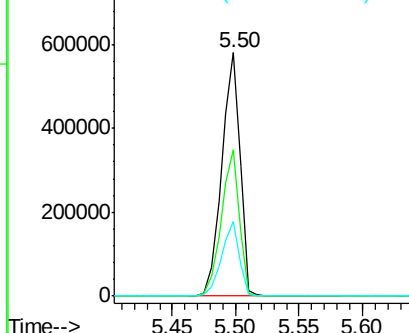
#5

2-Fluorophenol
Concen: 121.790 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	30.8	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: 118.197 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100761.D

Acq: 21 Nov 2017 6:08

Instrument :

BNA_F

ClientSampleId :

PB104384TB

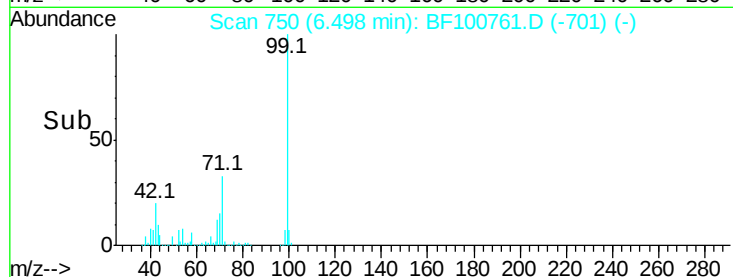
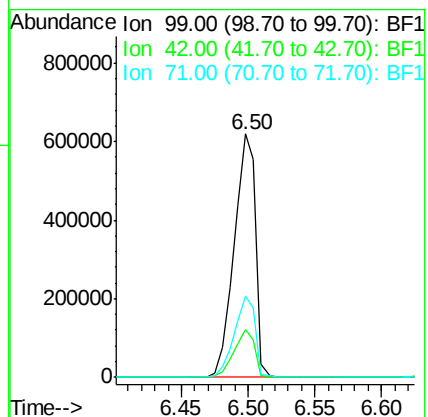
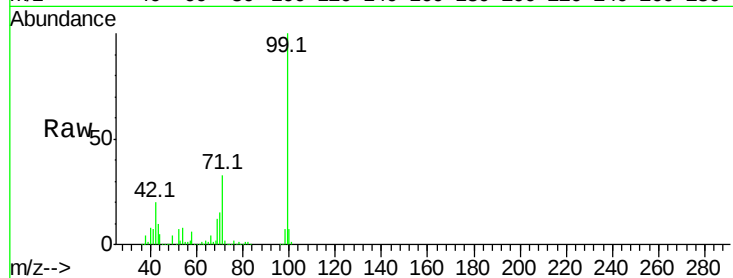
Tot Ion: 99 Resp: 697935

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 33.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF100761.D

Acq: 21 Nov 2017 6:08

Tgt Ion: 136 Resp: 302598

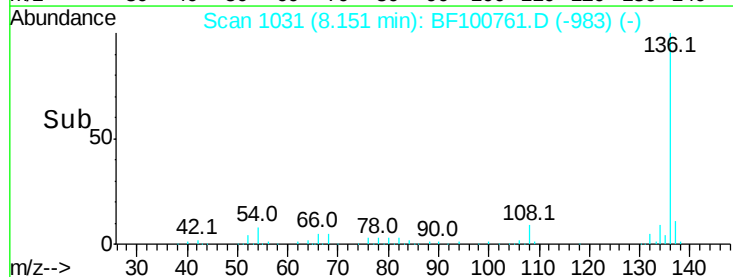
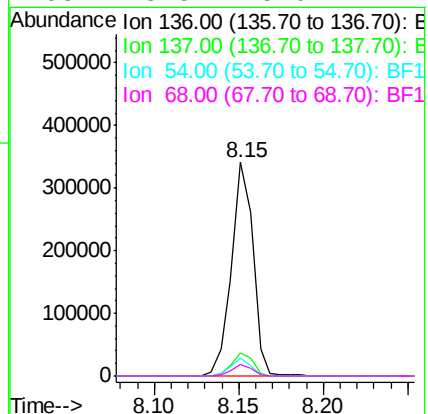
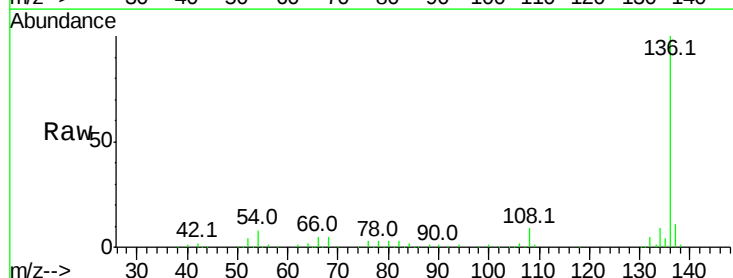
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.3 6.6 9.8

68 5.5 5.0 7.4

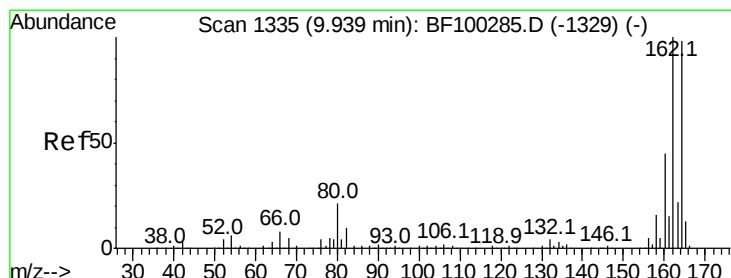
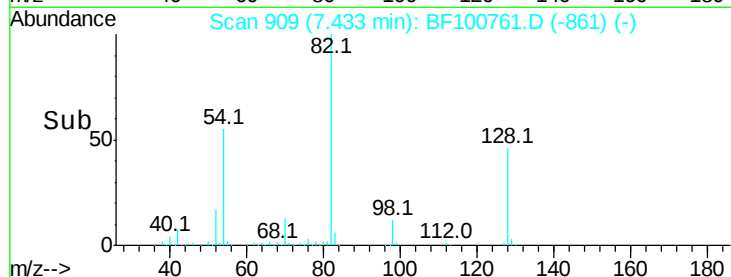
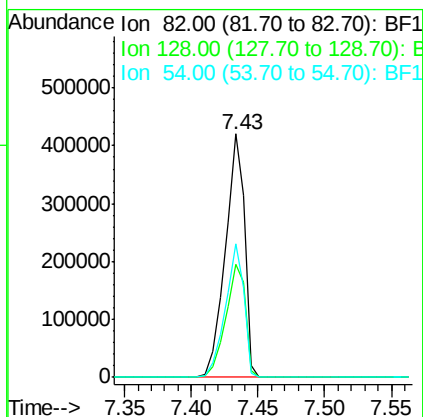
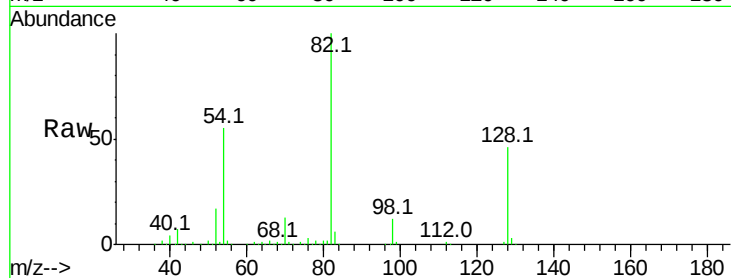




#23
 Nitrobenzene-d5
 Concen: 93.868 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF100761.D
 Acq: 21 Nov 2017 6:08

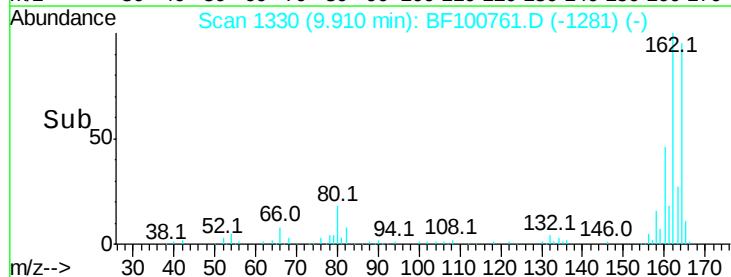
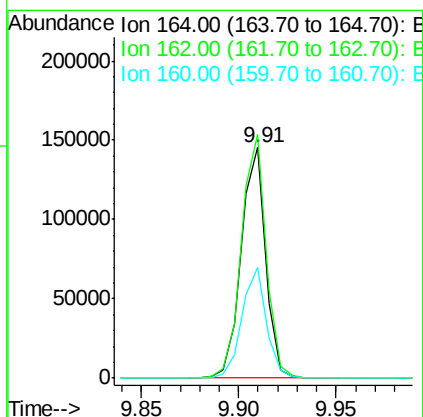
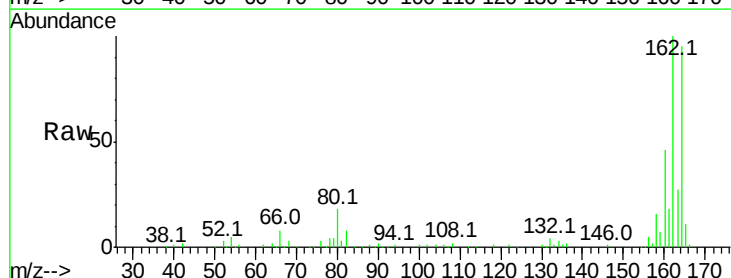
Instrument :
 BNA_F
 ClientSampled :
 PB104384TB

Tot Ion: 82 Resp: 429629
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.1 54.1
 54 54.6 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: BF100761.D
 Acq: 21 Nov 2017 6:08

Tgt Ion: 164 Resp: 125818
 Ion Ratio Lower Upper
 164 100
 162 105.6 86.1 129.1
 160 48.1 38.3 57.5

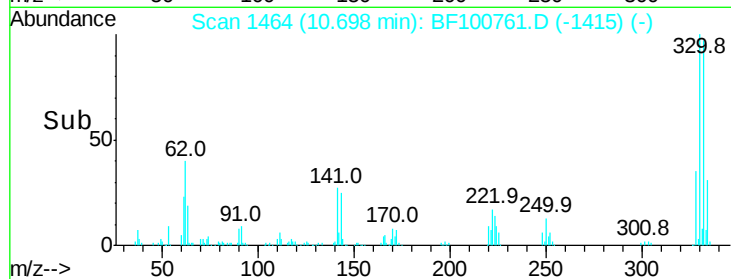
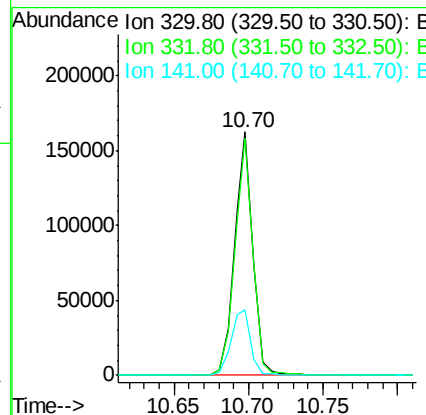
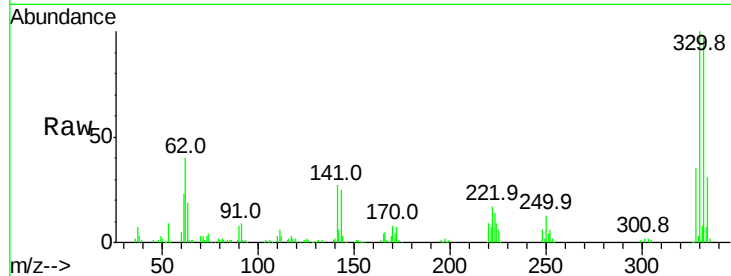




#41
 2,4,6-Tribromophenol
 Concen: 109.475 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100761.D
 Acq: 21 Nov 2017 6:08

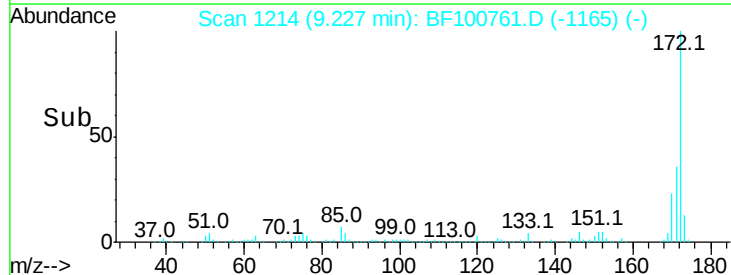
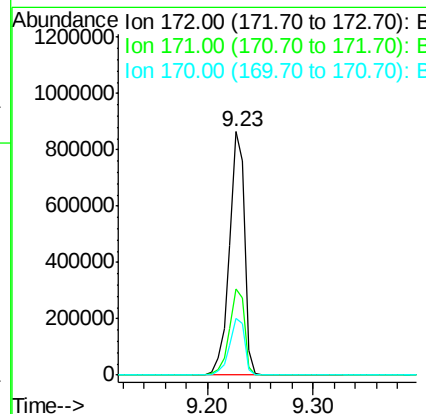
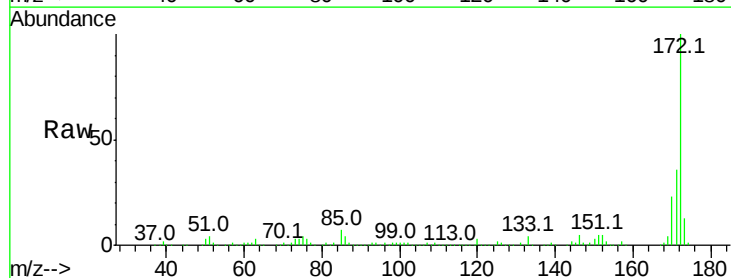
Instrument :
 BNA_F
 ClientSampleId :
 PB104384TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	29.3	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 103.885 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100761.D
 Acq: 21 Nov 2017 6:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.4	19.6	29.4

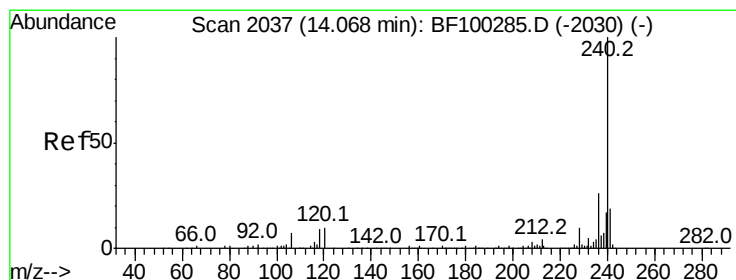
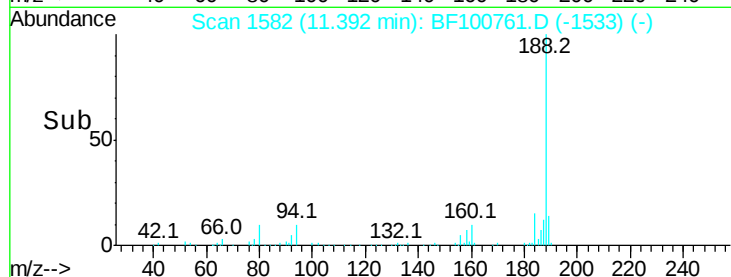
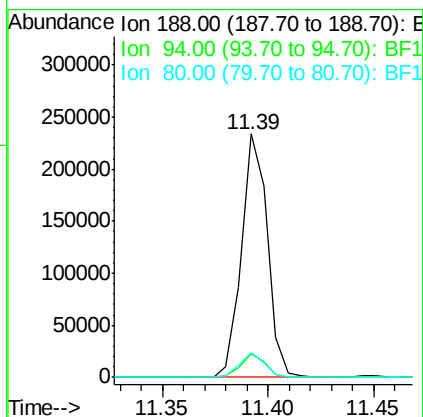
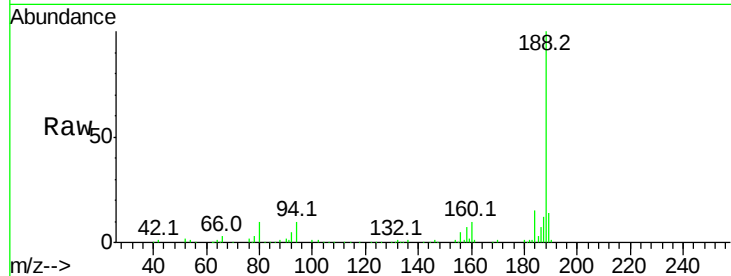




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

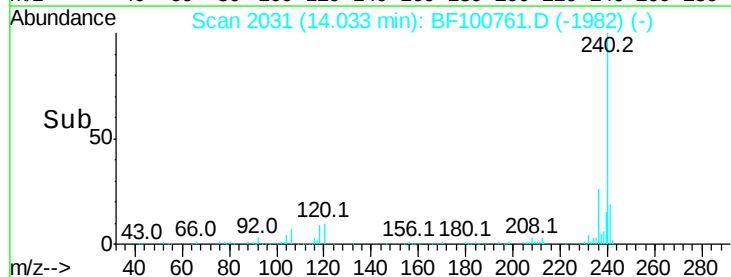
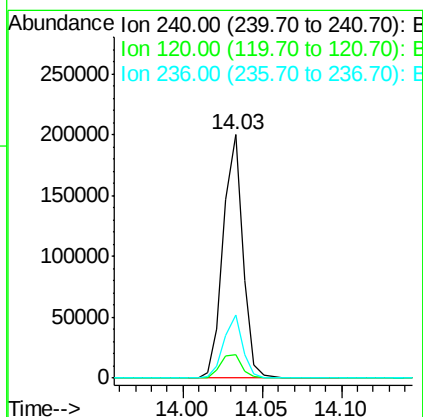
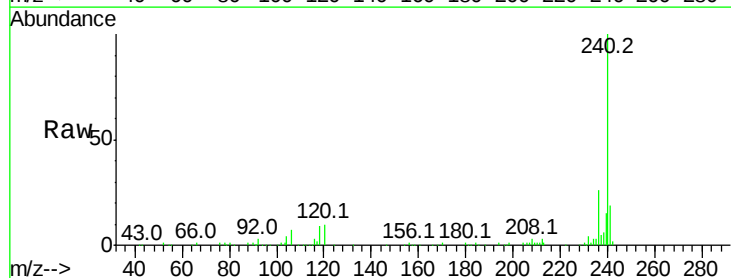
Instrument :
BNA_F
ClientSampleId :
PB104384TB

Tot Ion:188 Resp: 197819
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.1 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: BF100761.D
Acq: 21 Nov 2017 6:08

Tgt Ion:240 Resp: 172675
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 81.897 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100761.D

Acq: 21 Nov 2017 6:08

Instrument :

BNA_F

ClientSampleId :

PB104384TB

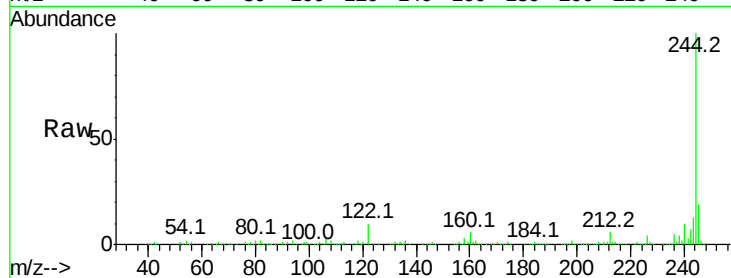
Tot Ion:244 Resp: 615462

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

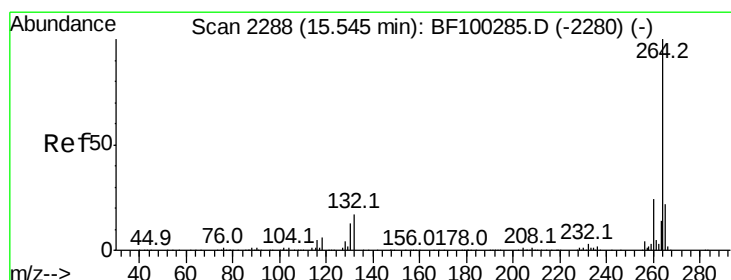
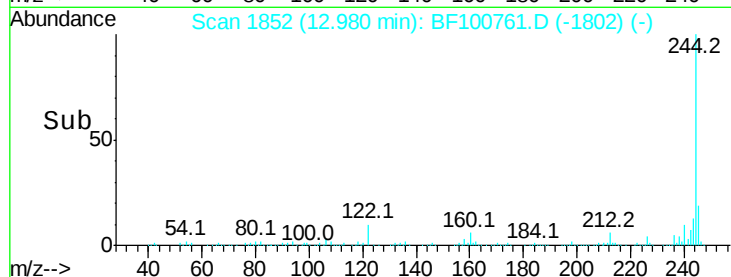
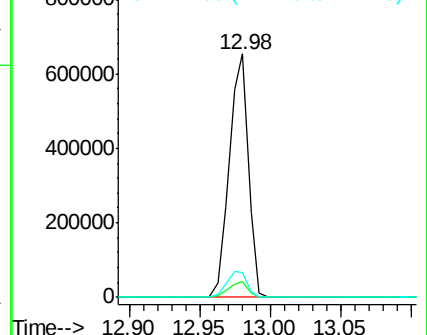
122 10.4 11.0 16.4#



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: BF100761.D

Acq: 21 Nov 2017 6:08

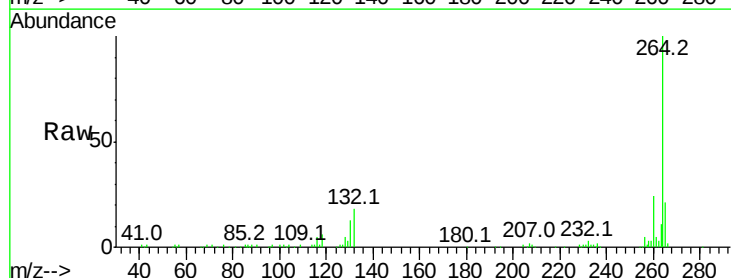
Tgt Ion:264 Resp: 132972

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.5 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

