

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101233.D
 Acq On : 8 Dec 2017 4:47
 Operator : SJ/JU
 Sample : I6732-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 120117-FOPI-E-U-M

Quant Time: Dec 08 06:03:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	45047	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	161490	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	65508	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	110231	20.00	ng	0.00
75) Chrysene-d12	14.02	240	91908	20.00	ng	0.00
86) Perylene-d12	15.49	264	72578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	114747	42.09	ng	0.00
7) Phenol-d6	6.47	99	88688	26.80	ng	-0.01
23) Nitrobenzene-d5	7.41	82	244659	90.38	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	57953	73.64	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	506122	105.71	ng	-0.01
78) Terphenyl-d14	12.96	244	372202	88.58	ng	0.00

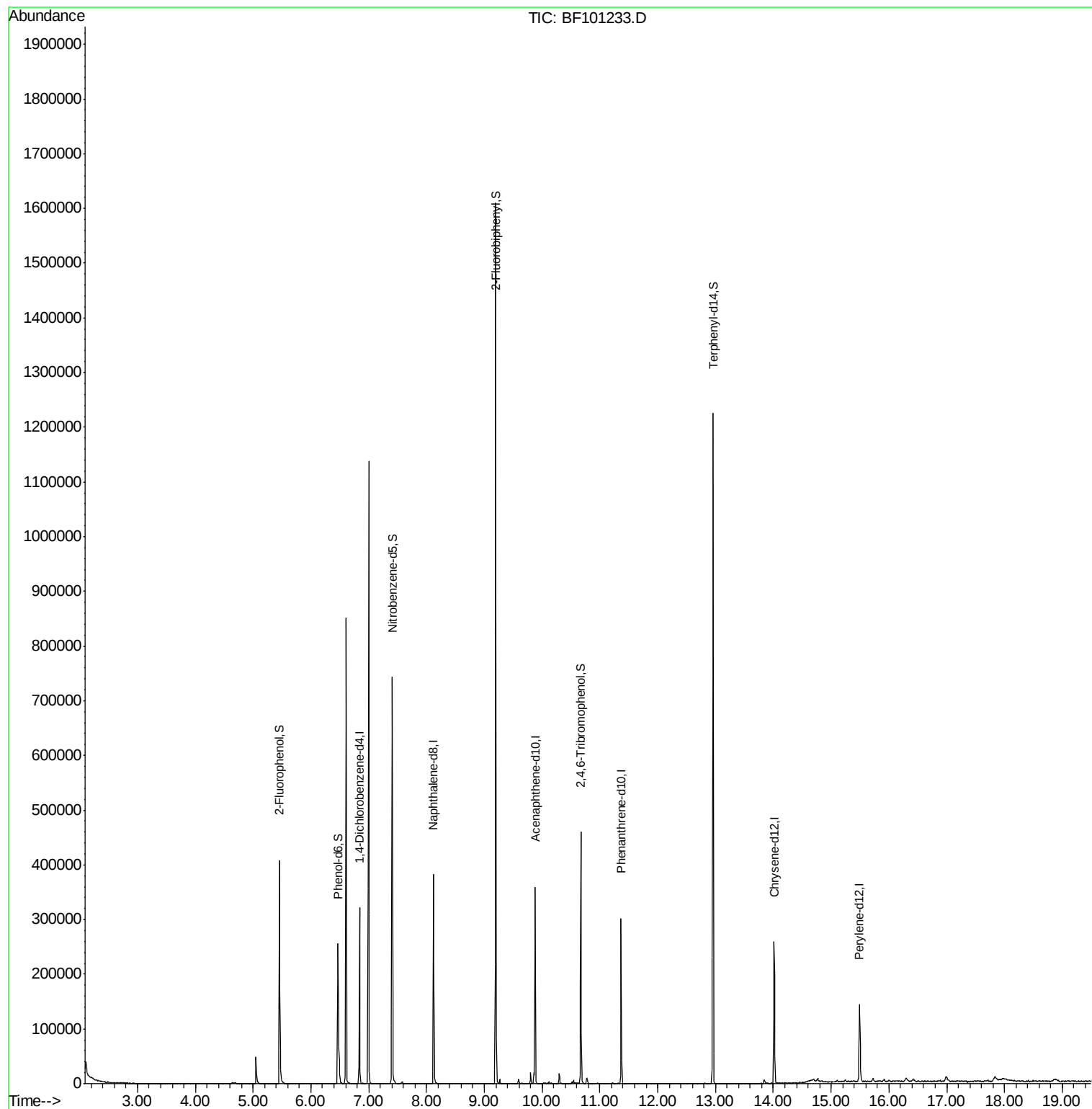
Target Compounds Qvalue

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

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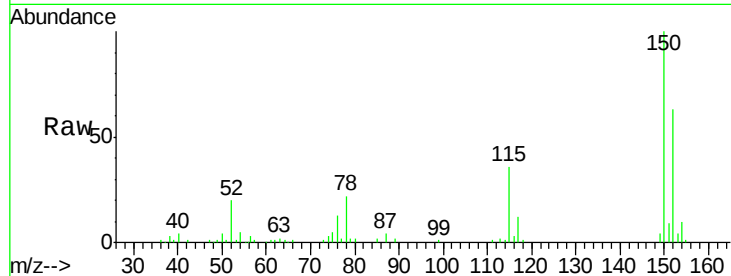


#1

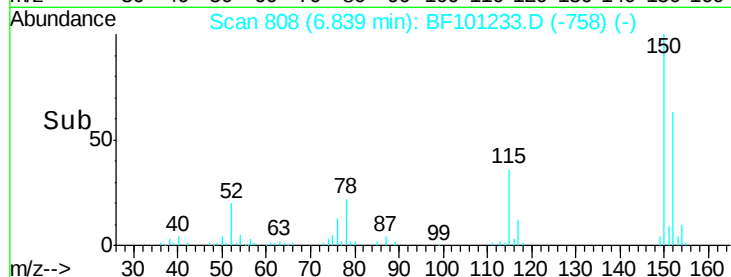
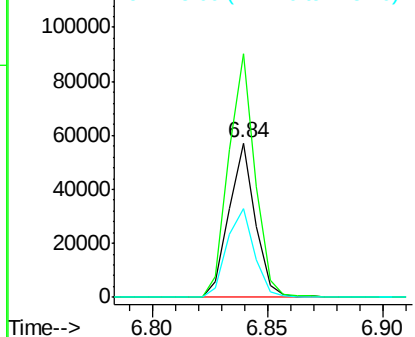
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101233.D
Acq: 8 Dec 2017 4:47

Instrument :
BNA_F
ClientSampleId :
120117-FOPI-E-U-M

Tot Ion:152 Resp: 45047
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 57.6 50.1 75.1



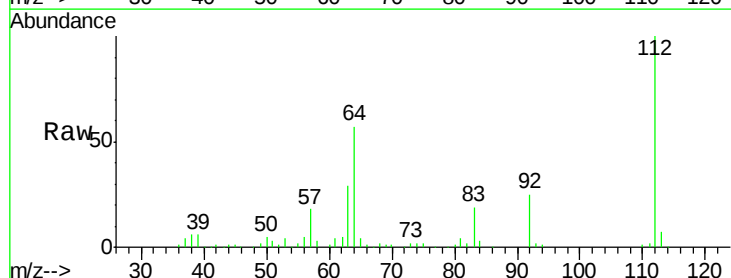
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



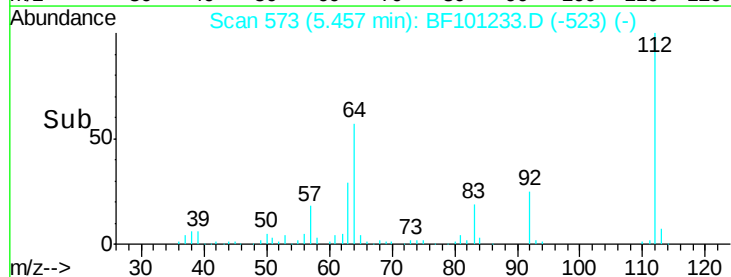
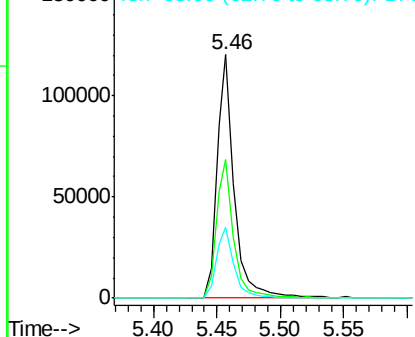
#5

2-Fluorophenol
Concen: 42.092 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101233.D
Acq: 8 Dec 2017 4:47

Tgt Ion:112 Resp: 114747
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 29.0 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: 26.796 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101233.D

Acq: 8 Dec 2017 4:47

Instrument :

BNA_F

ClientSampleId :

120117-FOPI-E-U-M

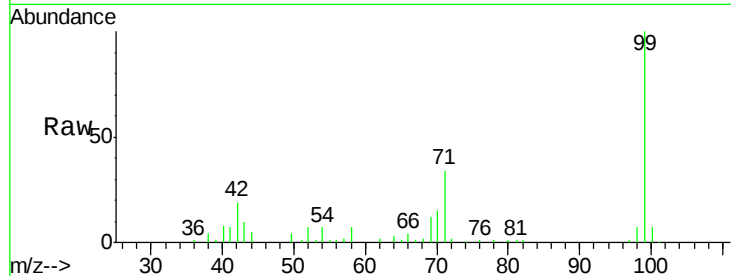
Tot Ion: 99 Resp: 88688

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

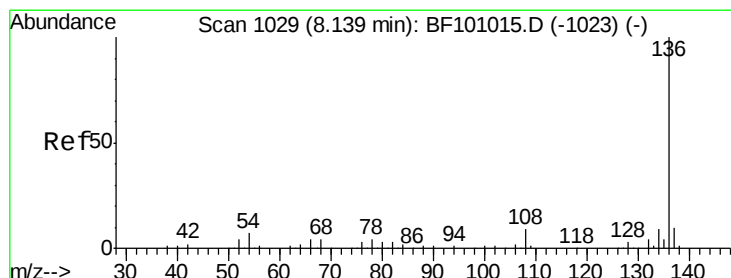
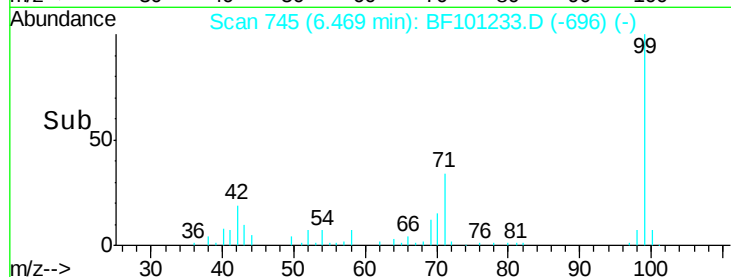
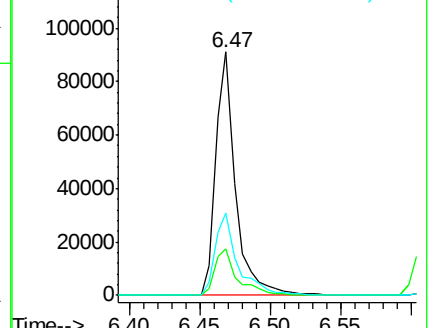
71 33.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF101233.D

Acq: 8 Dec 2017 4:47

Tgt Ion: 136 Resp: 161490

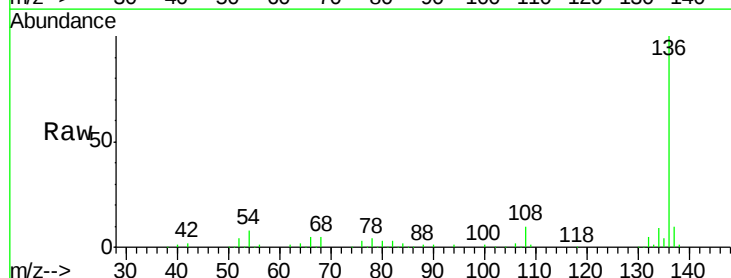
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.7 6.6 9.8

68 4.5 5.0 7.4#

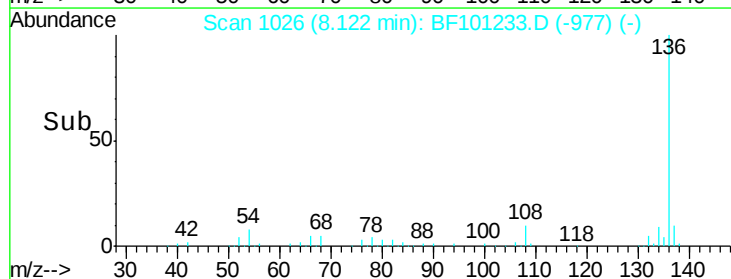
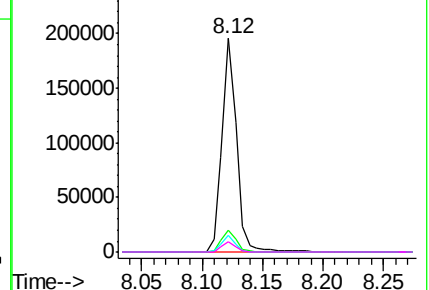


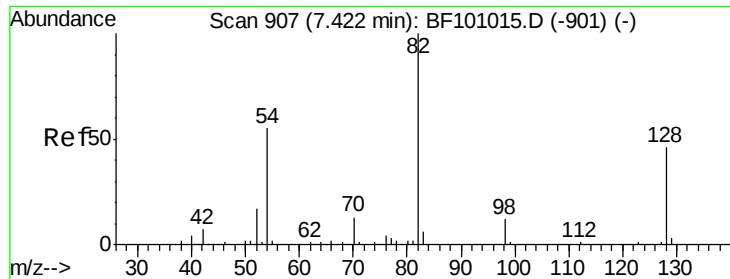
Abundance Ion 136.00 (135.70 to 136.70): E

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

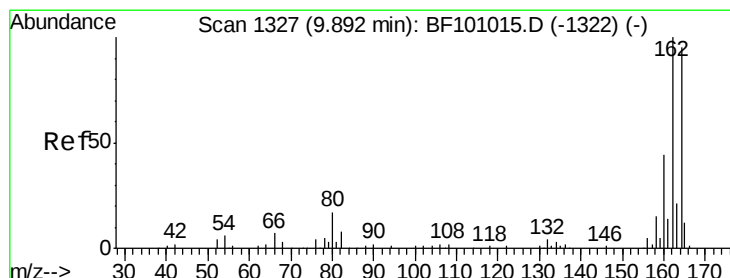
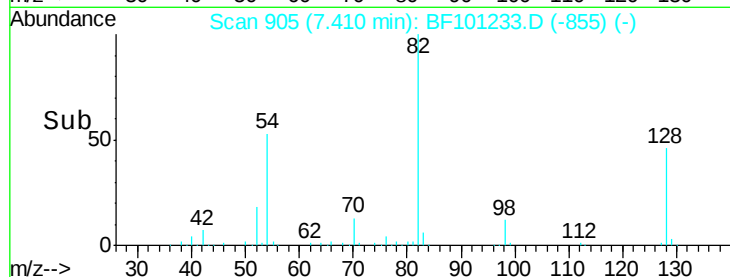
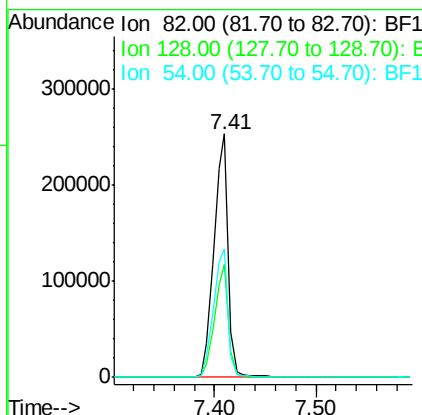
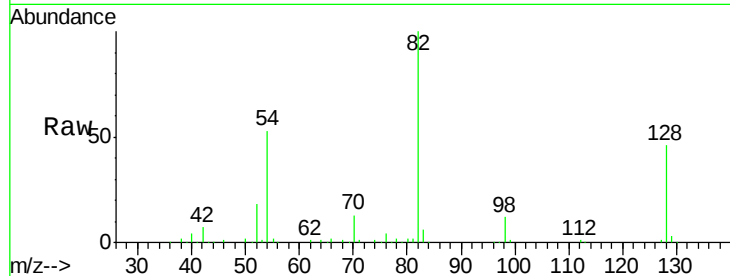




#23
Nitrobenzene-d5
Concen: 90.375 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101233.D
Acq: 8 Dec 2017 4:47

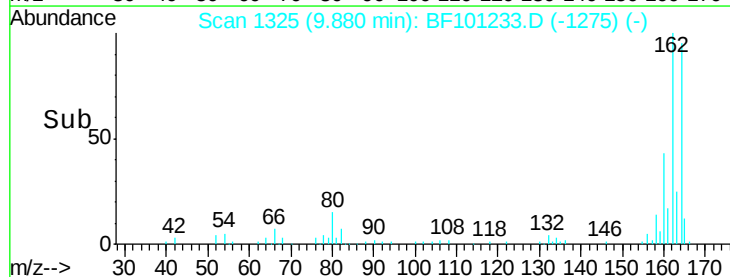
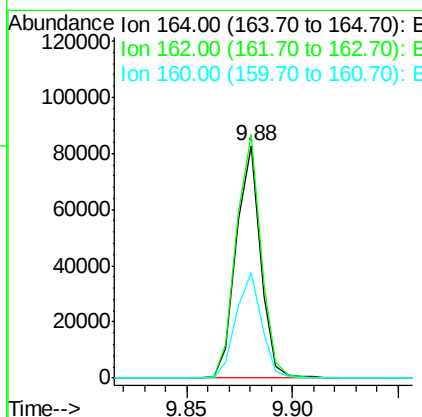
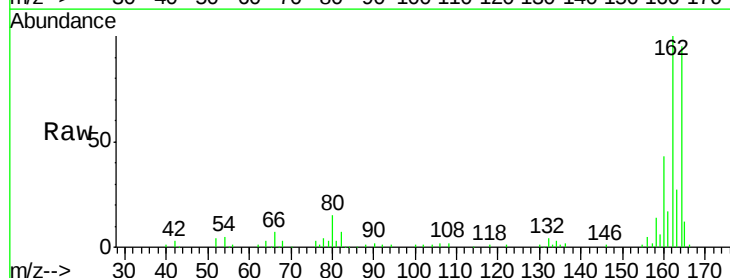
Instrument :
BNA_F
ClientSampleId :
120117-FOPI-E-U-M

Tot Ion	82	Resp	244659
Ion Ratio	Lower	Upper	
82	100		
128	46.3	36.1	54.1
54	52.6	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101233.D
Acq: 8 Dec 2017 4:47

Tgt Ion	164	Resp	65508
Ion Ratio	Lower	Upper	
164	100		
162	104.9	86.1	129.1
160	45.3	38.3	57.5

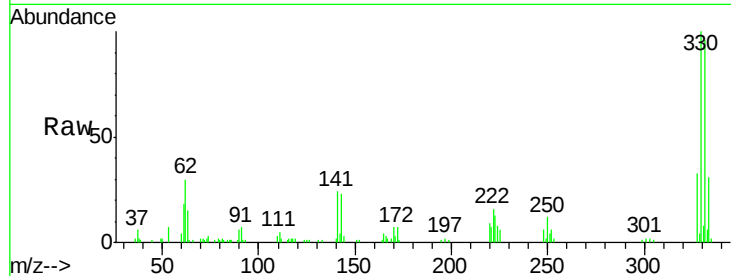




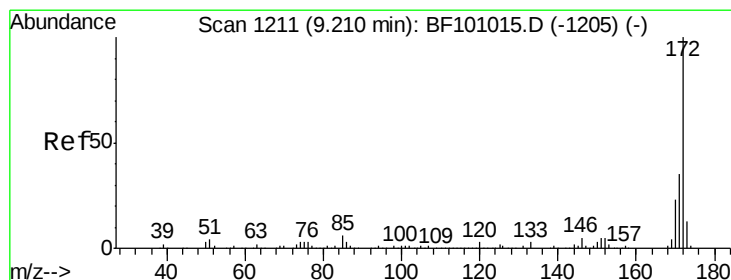
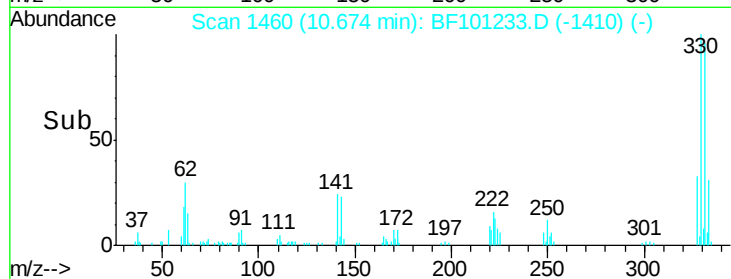
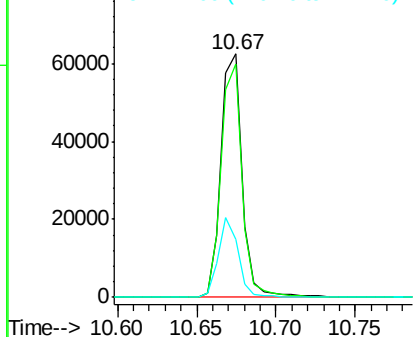
#41
 2,4,6-Tribromophenol
 Concen: 73.644 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101233.D
 Acq: 8 Dec 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :
 120117-FOPI-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	30.4	29.9	44.9

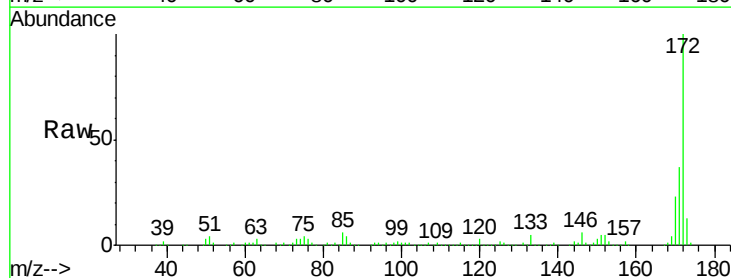


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

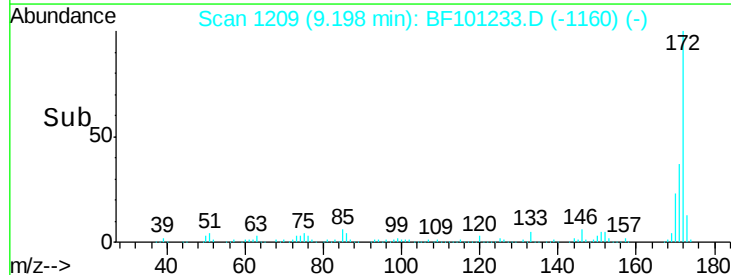
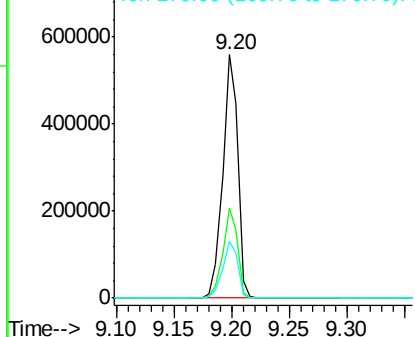


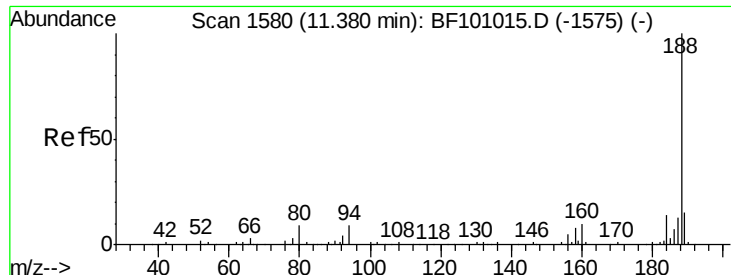
#44
 2-Fluorobiphenyl
 Concen: 105.709 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101233.D
 Acq: 8 Dec 2017 4:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	23.4	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

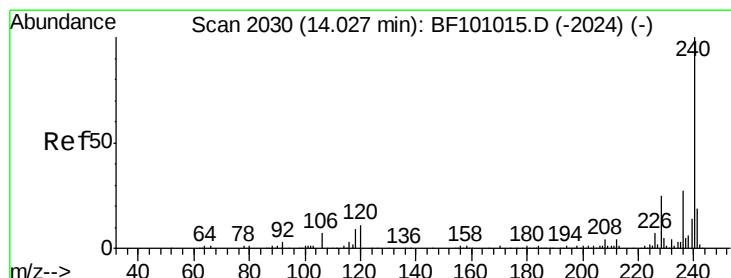
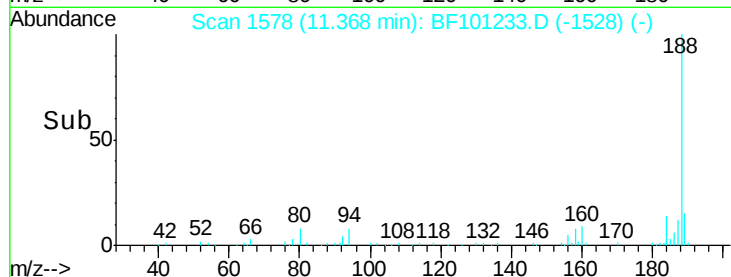
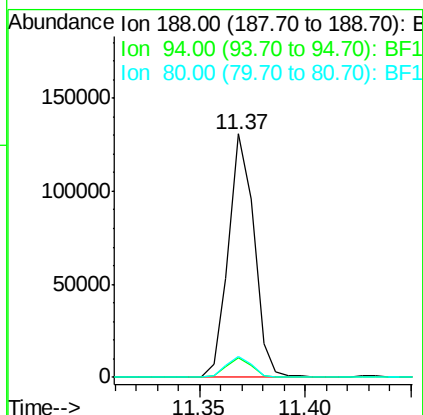
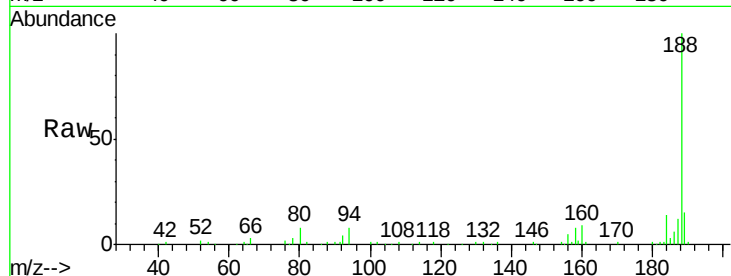




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101233.D
Acq: 8 Dec 2017 4:47

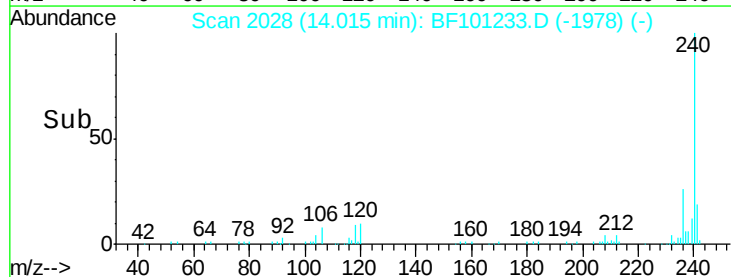
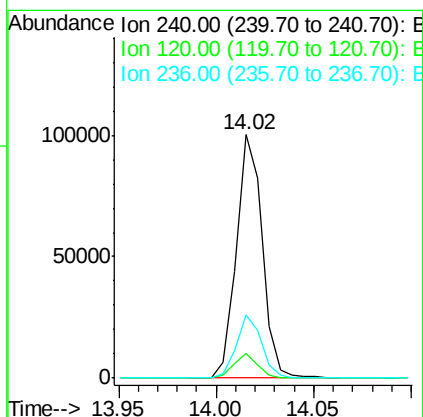
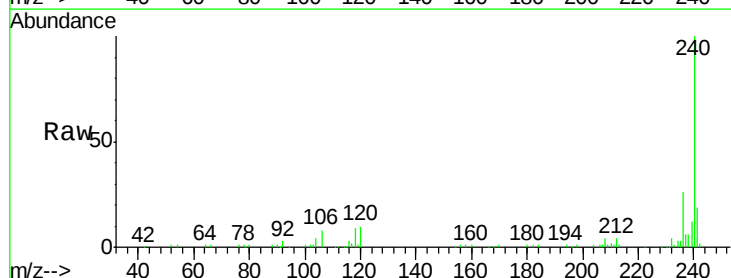
Instrument :
BNA_F
ClientSampleId :
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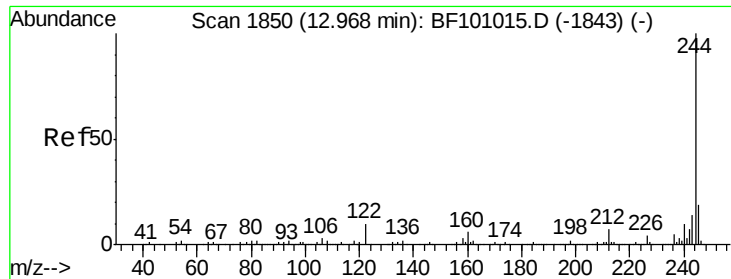
Tot Ion:188 Resp: 110231
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 8.4 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101233.D
Acq: 8 Dec 2017 4:47

Tgt Ion:240 Resp: 91908
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 25.8 20.7 31.1

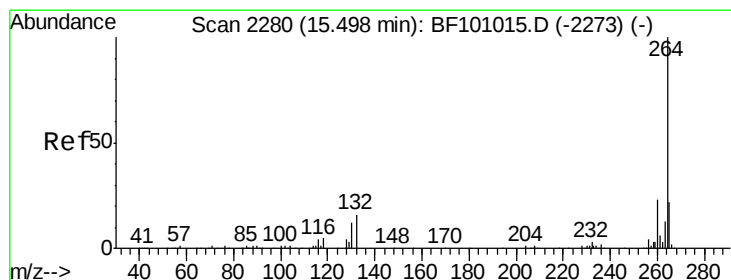
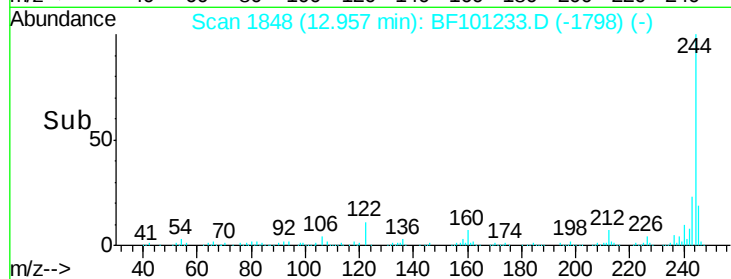
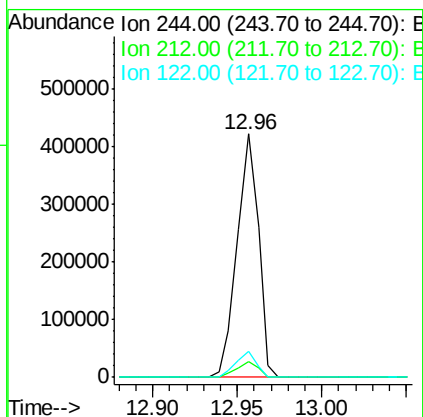
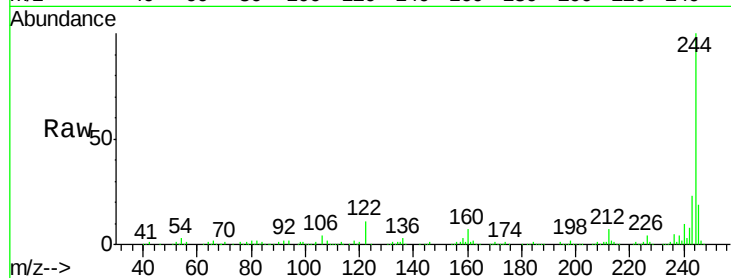




#78
 Terphenyl-d14
 Concen: 88.578 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101233.D
 Acq: 8 Dec 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :
 120117-FOPI-E-U-M

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.9	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101233.D
 Acq: 8 Dec 2017 4:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.2	28.8
265	20.1	17.5	26.3

