

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101023.D
 Acq On : 30 Nov 2017 17:57
 Operator : SJ/JU
 Sample : PB104614BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104614BL

Quant Time: Dec 01 00:57:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	48616	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	191784	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	93401	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	183683	20.00	ng	0.00
75) Chrysene-d12	14.02	240	120827	20.00	ng	-0.01
86) Perylene-d12	15.49	264	106434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	216539	73.60	ng	0.00
7) Phenol-d6	6.48	99	263227	73.69	ng	0.00
23) Nitrobenzene-d5	7.42	82	159515	49.62	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	76352	68.05	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	369103	54.07	ng	0.00
78) Terphenyl-d14	12.96	244	358049	64.82	ng	0.00

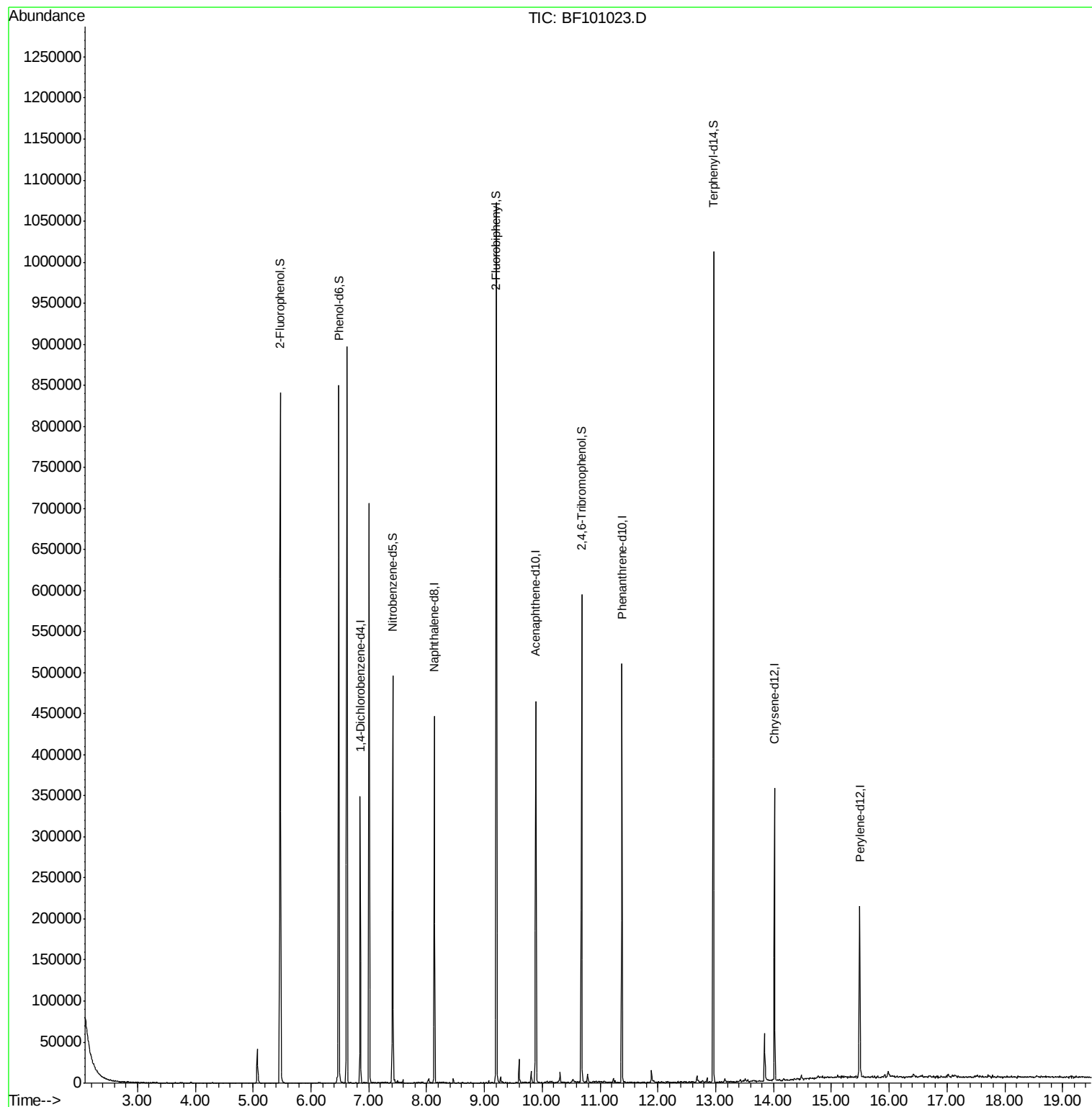
Target Compounds Qvalue

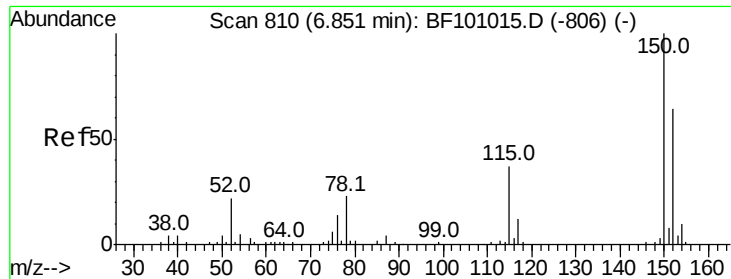
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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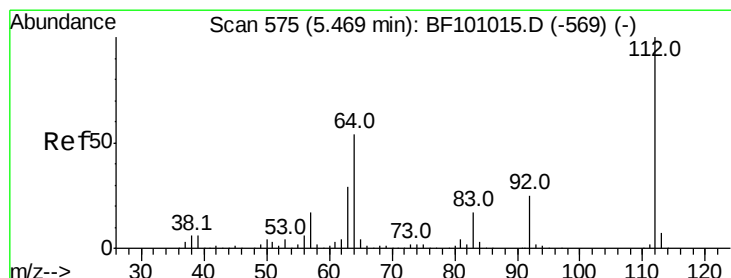
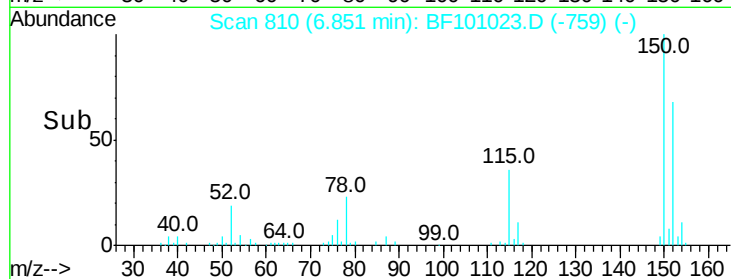
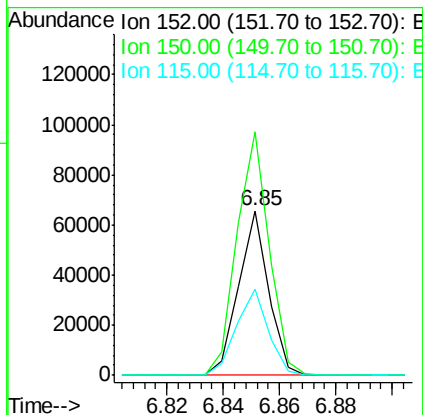
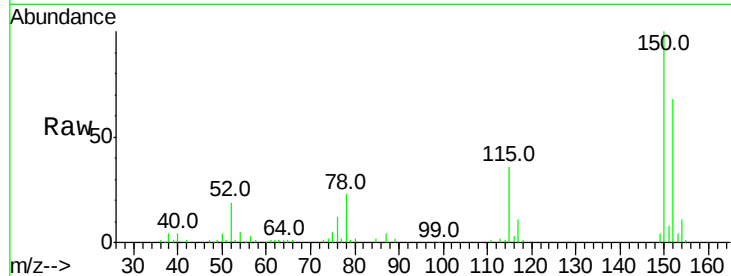


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101023.D
Acq: 30 Nov 2017 17:57

Instrument :
BNA_F
ClientSampleId :
PB104614BL

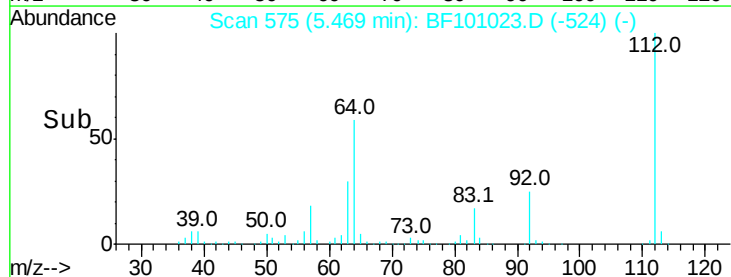
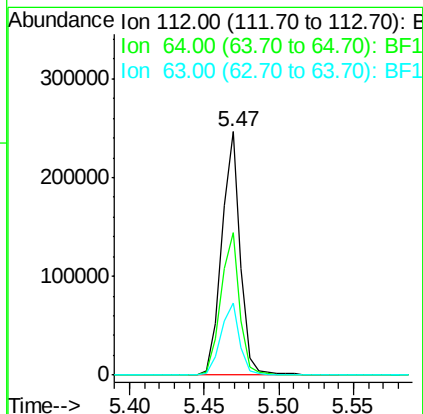
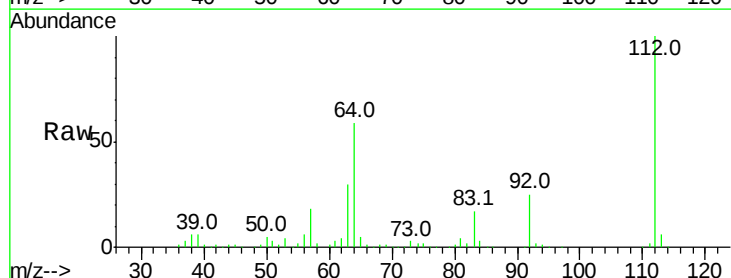
Tot Ion:152 Resp: 48616
Ion Ratio Lower Upper
152 100
150 148.0 124.6 186.8
115 52.6 50.1 75.1

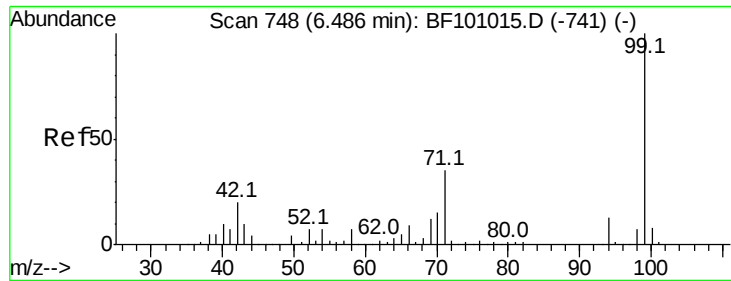


#5

2-Fluorophenol
Concen: 73.601 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF101023.D
Acq: 30 Nov 2017 17:57

Tgt Ion:112 Resp: 216539
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 29.8 23.7 35.5





#7

Phenol-d6

Concen: 73.693 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF101023.D

Acq: 30 Nov 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB104614BL

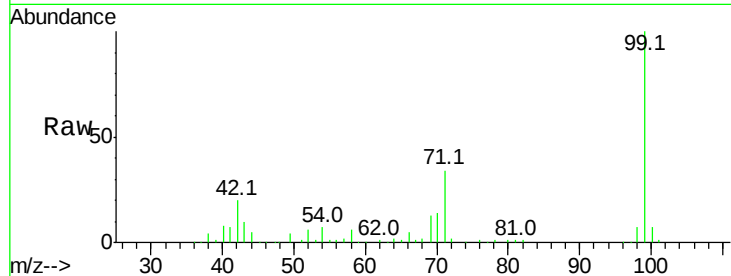
Tot Ion: 99 Resp: 263227

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

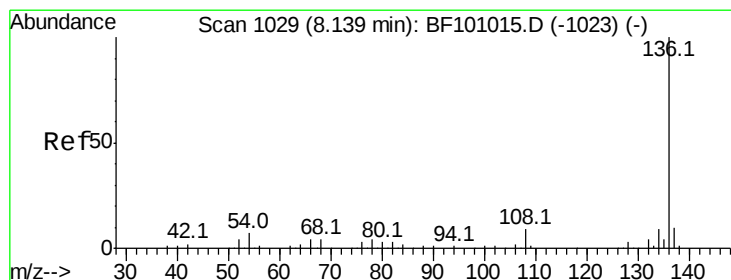
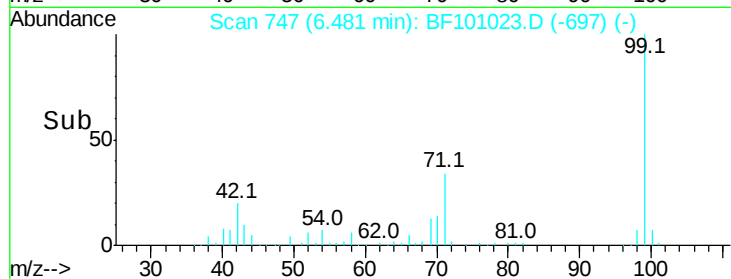
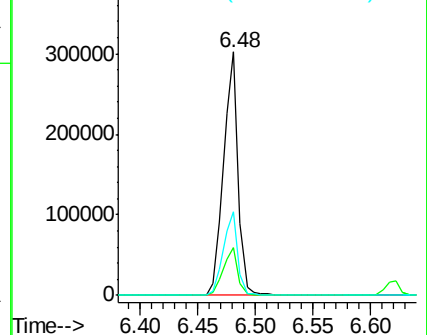
71 34.3 25.4 38.0



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: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF101023.D

Acq: 30 Nov 2017 17:57

Tgt Ion: 136 Resp: 191784

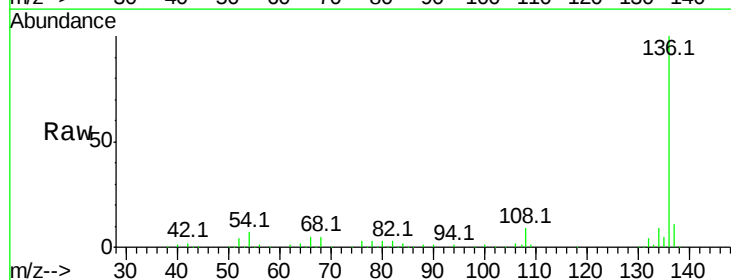
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.3 6.6 9.8

68 4.6 5.0 7.4#

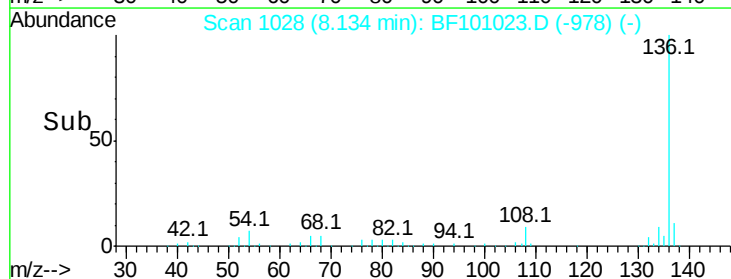
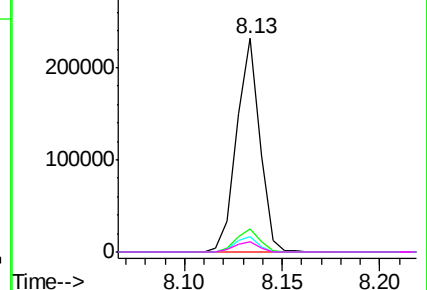


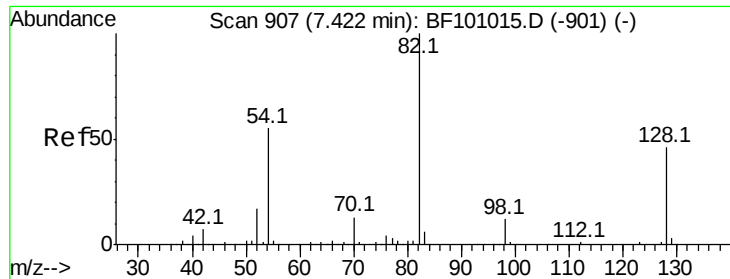
Abundance Ion 136.00 (135.70 to 136.70): E

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

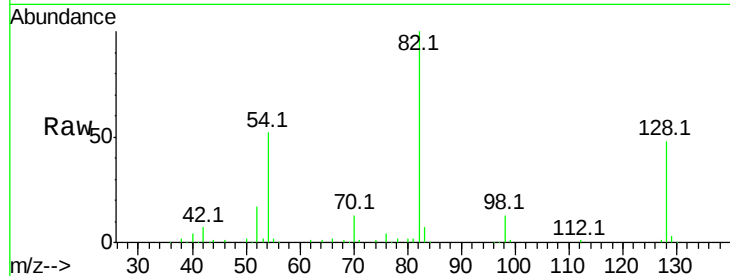




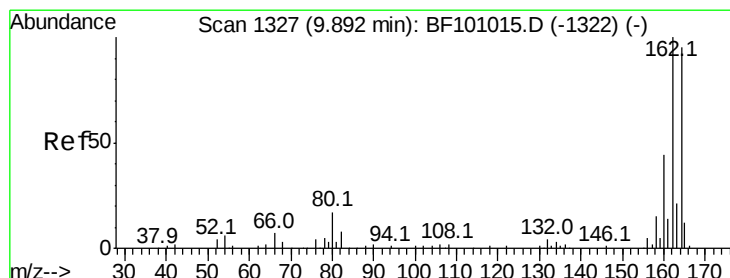
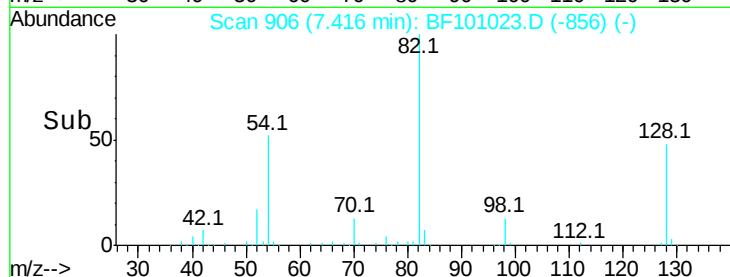
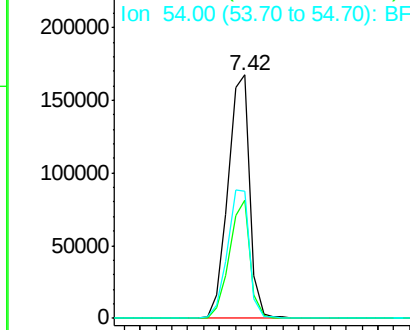
#23
 Nitrobenzene-d5
 Concen: 49.616 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF101023.D
 Acq: 30 Nov 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB104614BL

Tot Ion	82	Resp	159515
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	52.3	41.4	62.2

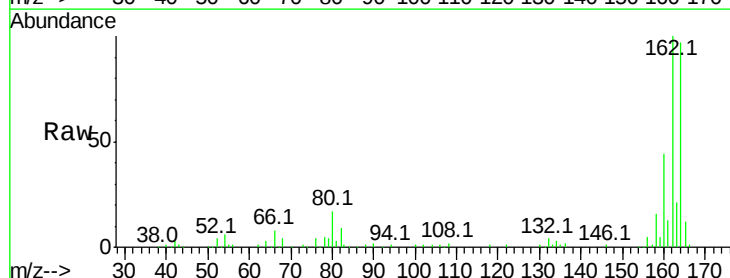


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

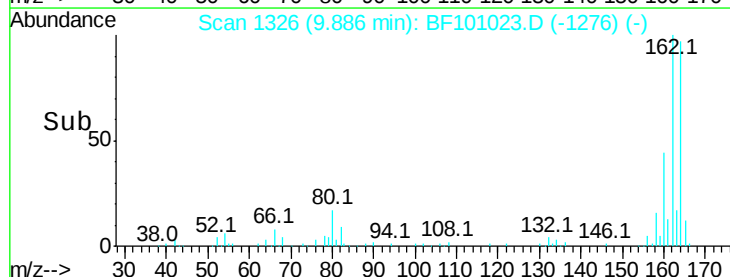
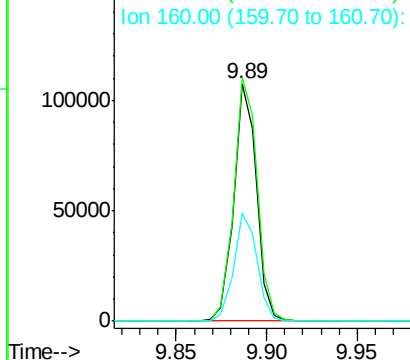


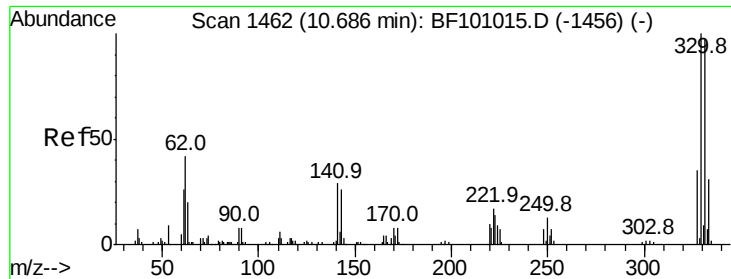
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF101023.D
 Acq: 30 Nov 2017 17:57

Tgt Ion	164	Resp	93401
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	102.6	38.3	57.5
160	45.5		



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

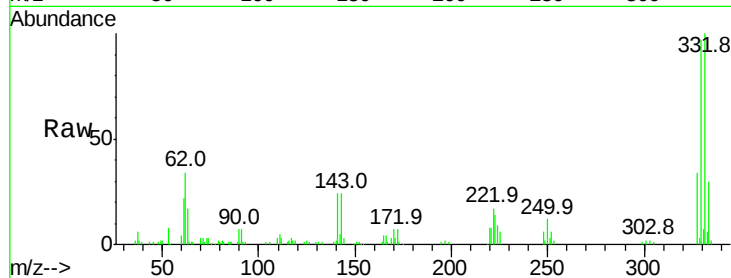




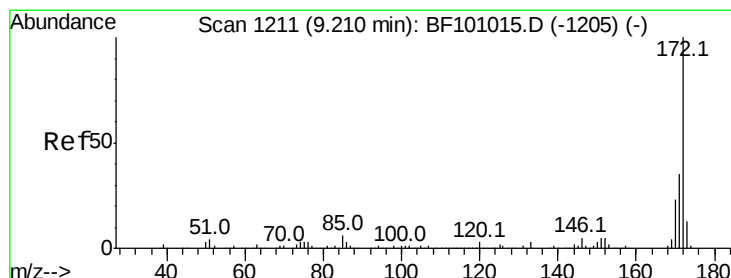
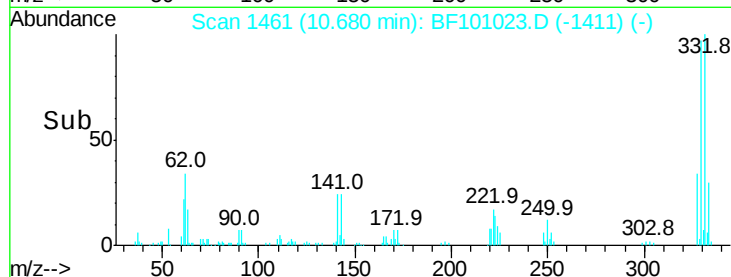
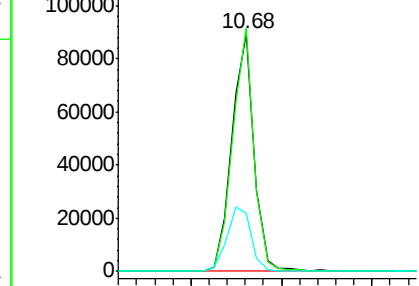
#41
 2,4,6-Tribromophenol
 Concen: 68.049 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF101023.D
 Acq: 30 Nov 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB104614BL

Tot Ion:330 Resp: 76352
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 29.3 29.9 44.9#

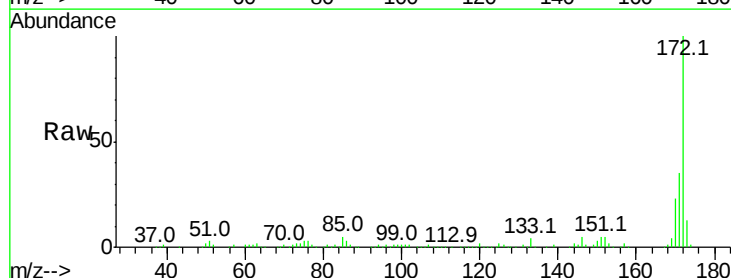


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

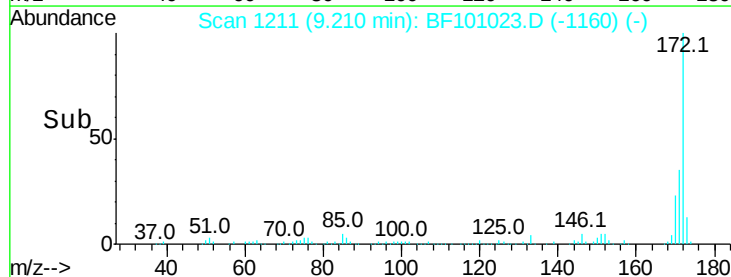
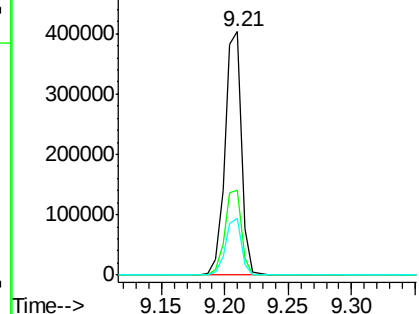


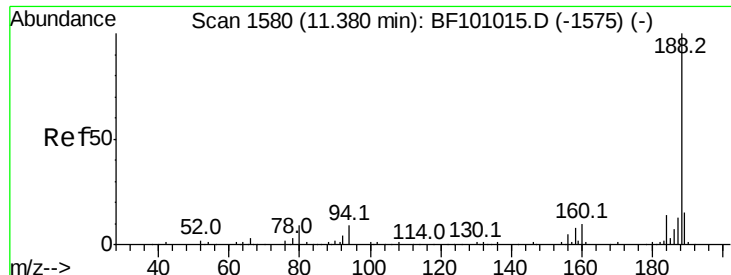
#44
 2-Fluorobiphenyl
 Concen: 54.069 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101023.D
 Acq: 30 Nov 2017 17:57

Tgt Ion:172 Resp: 369103
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 23.3 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

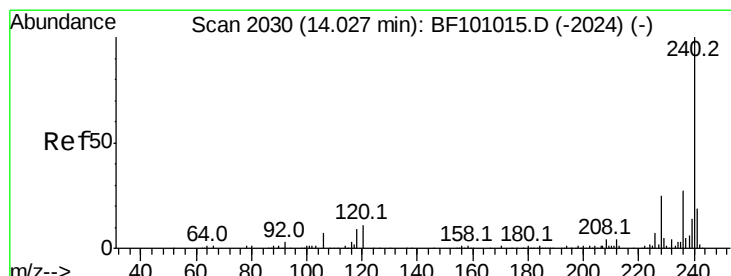
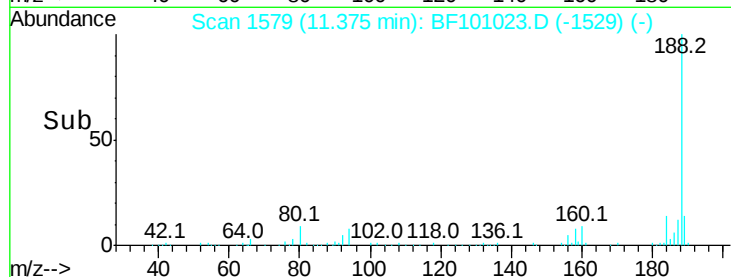
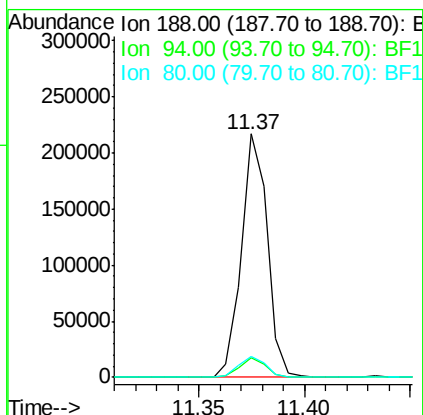
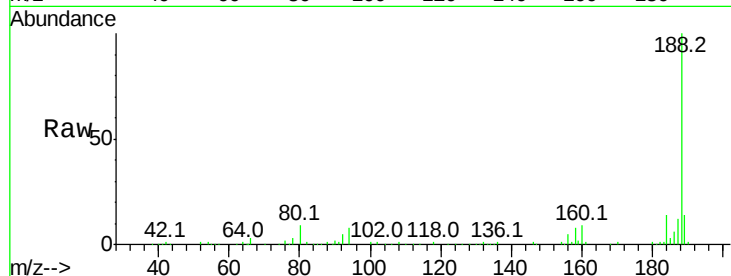




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF101023.D
Acq: 30 Nov 2017 17:57

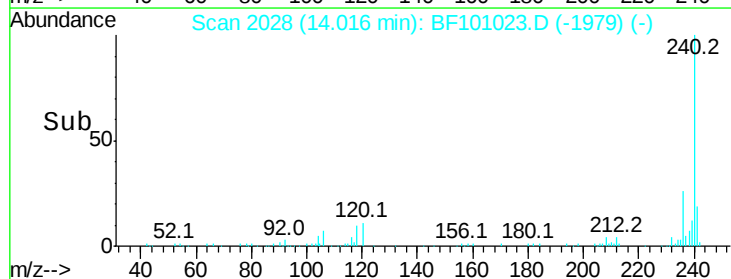
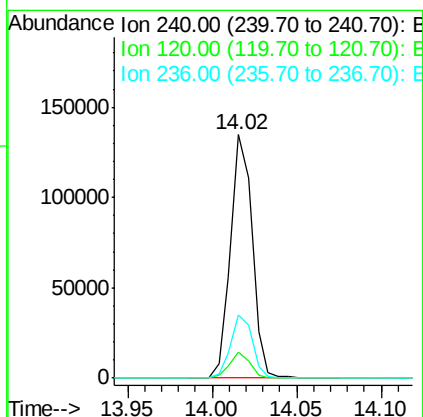
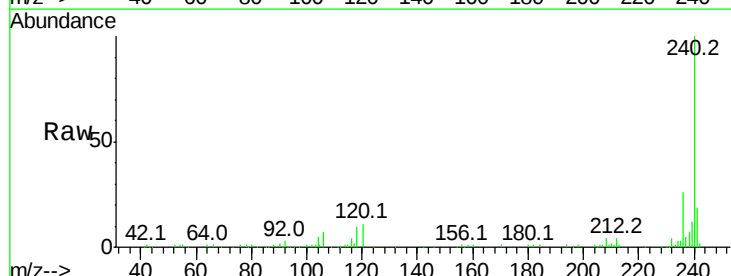
Instrument :
BNA_F
ClientSampleId :
PB104614BL

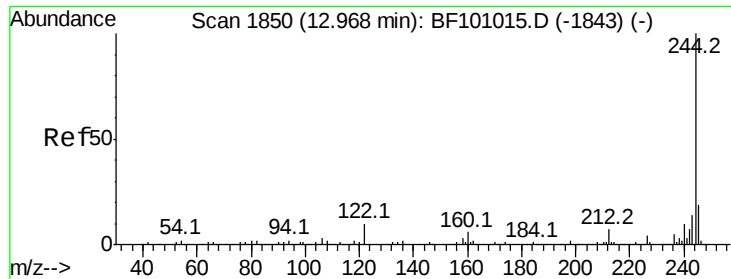
Tot Ion:188 Resp: 183683
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 8.6 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101023.D
Acq: 30 Nov 2017 17:57

Tgt Ion:240 Resp: 120827
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 64.816 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF101023.D

Acq: 30 Nov 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB104614BL

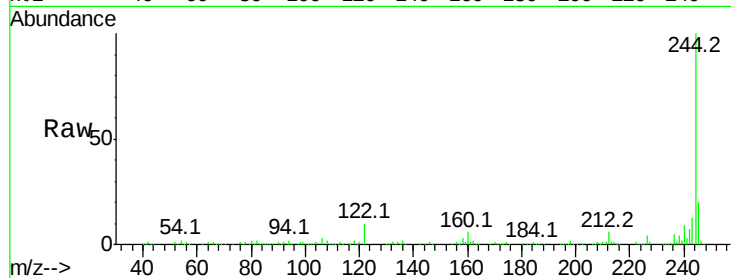
Tot Ion:244 Resp: 358049

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

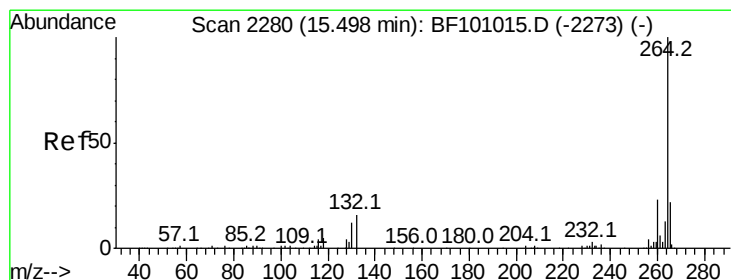
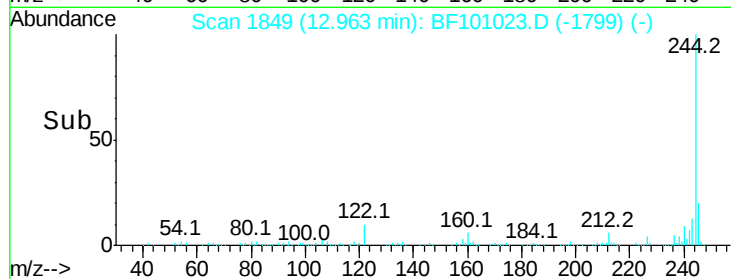
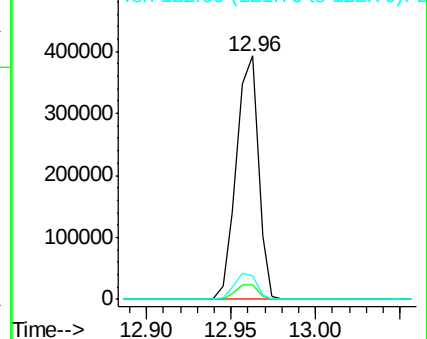
122 9.5 11.0 16.4#



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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF101023.D

Acq: 30 Nov 2017 17:57

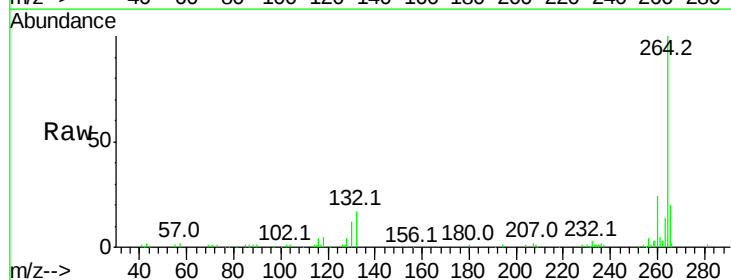
Tgt Ion:264 Resp: 106434

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 19.7 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

