

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101350.D
 Acq On : 13 Dec 2017 00:28
 Operator : SJ/JU
 Sample : I6822-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(13-15)

Quant Time: Dec 13 04:51:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

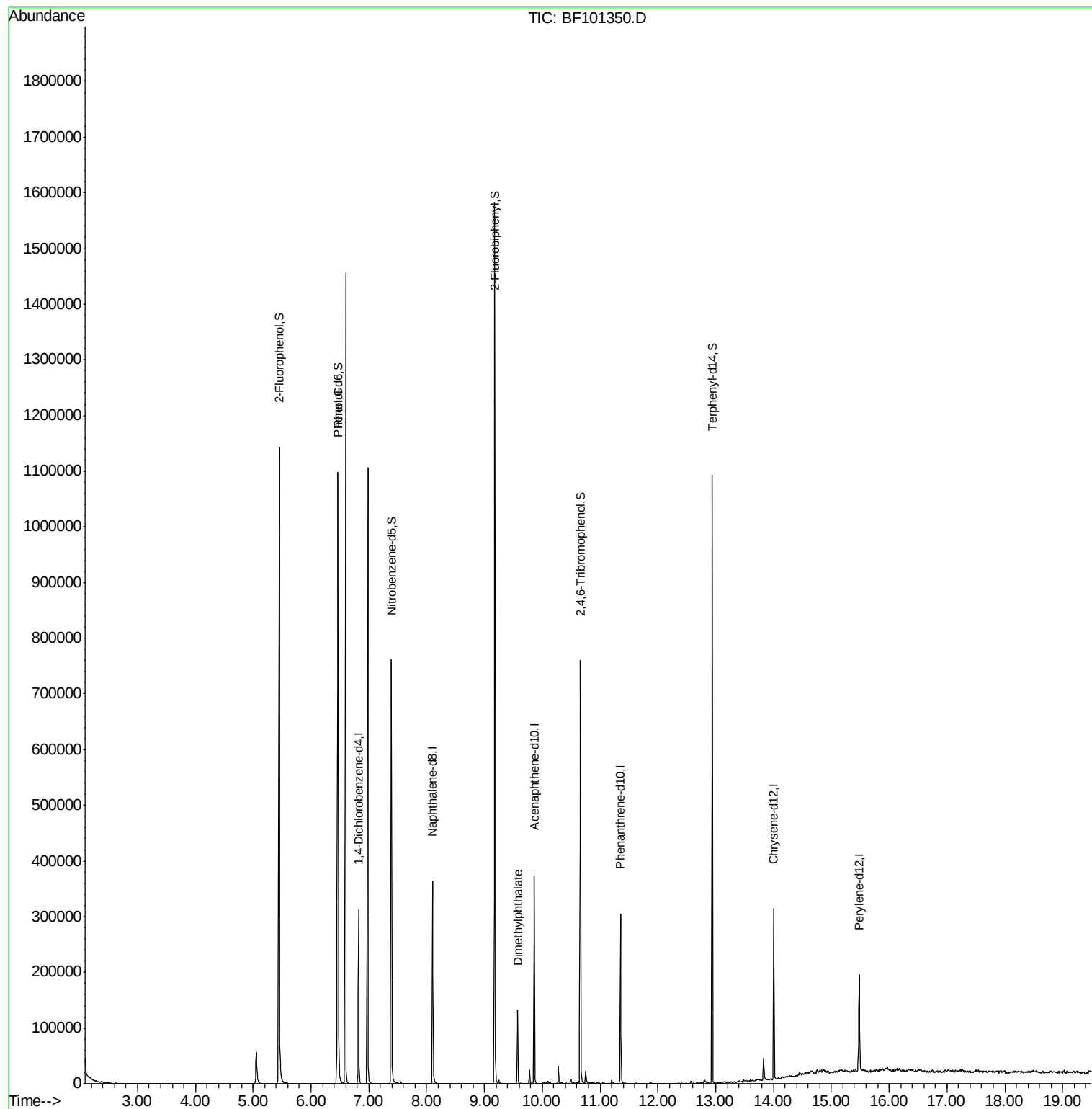
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	44305	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	164859	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	69688	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	121008	20.00	ng	0.00
75) Chrysene-d12	14.00	240	99468	20.00	ng	0.00
86) Perylene-d12	15.48	264	83052	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	359649	134.14	ng	0.01
7) Phenol-d6	6.46	99	438518	134.71	ng	0.00
23) Nitrobenzene-d5	7.39	82	248734	90.00	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	94553	112.95	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	480292	94.30	ng	0.00
78) Terphenyl-d14	12.94	244	389737	85.70	ng	0.00
Target Compounds						
10) Phenol	6.47	94	14227	3.931	ng	83
49) Dimethylphthalate	9.57	163	53130	9.453	ng	99

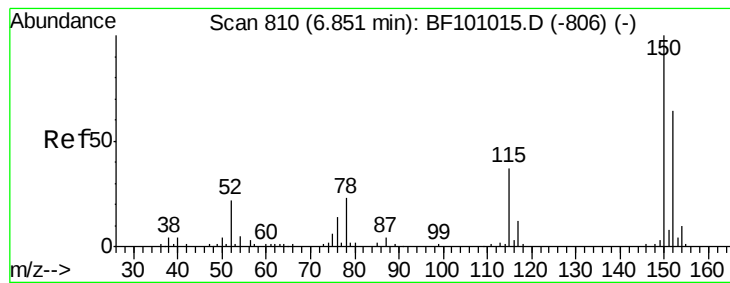
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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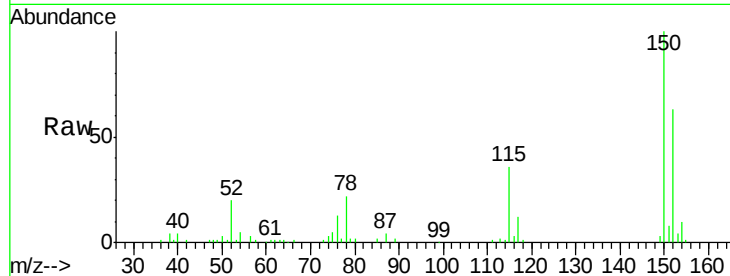


#1

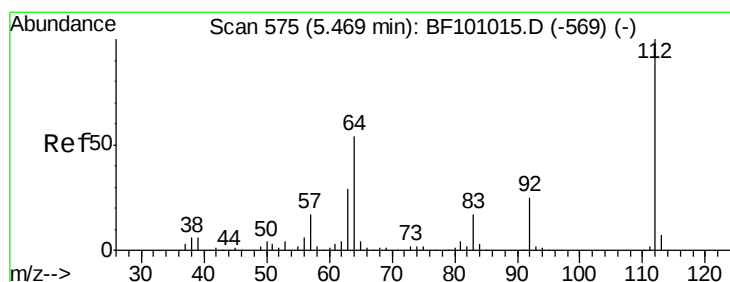
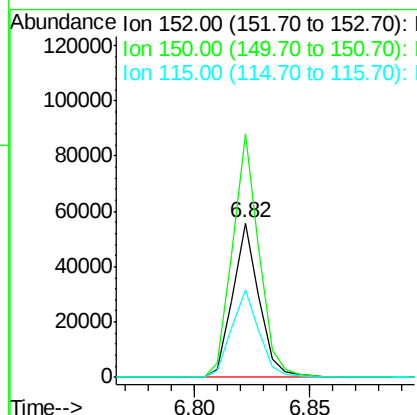
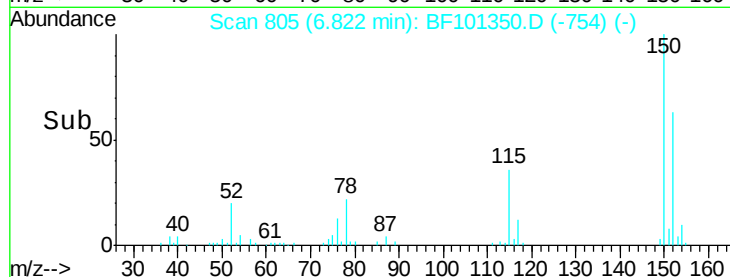
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101350.D
Acq: 13 Dec 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-3(13-15)

Tot Ion:152 Resp: 44305
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 56.9 50.1 75.1



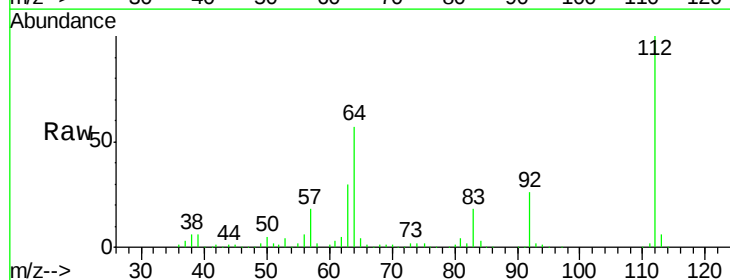
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



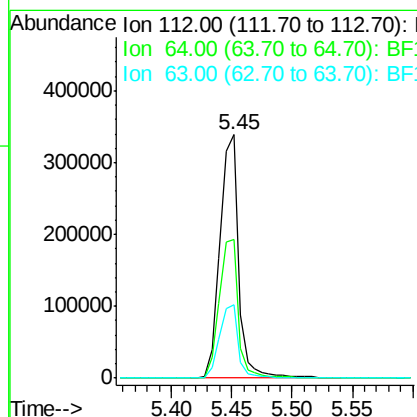
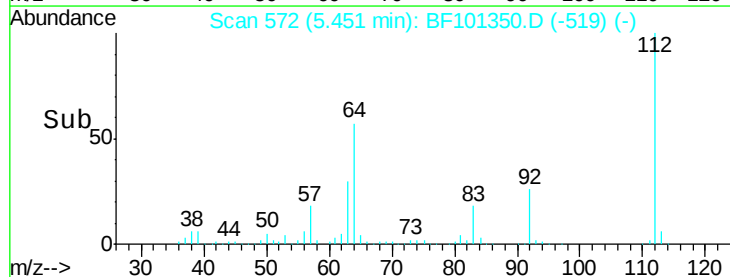
#5

2-Fluorophenol
Concen: 134.138 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101350.D
Acq: 13 Dec 2017 00:28

Tgt Ion:112 Resp: 359649
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 30.2 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: 134.713 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101350.D

Acq: 13 Dec 2017 00:28

Instrument :

BNA_F

ClientSampleId :

SB-3(13-15)

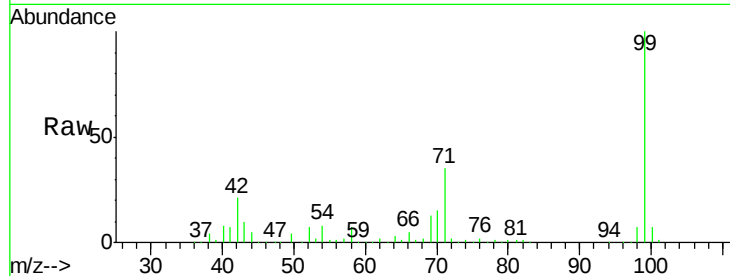
Tot Ion: 99 Resp: 438518

Ion Ratio Lower Upper

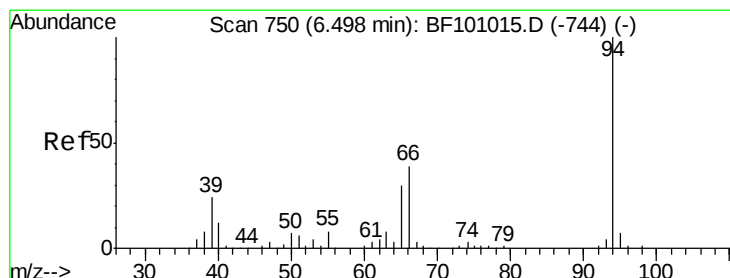
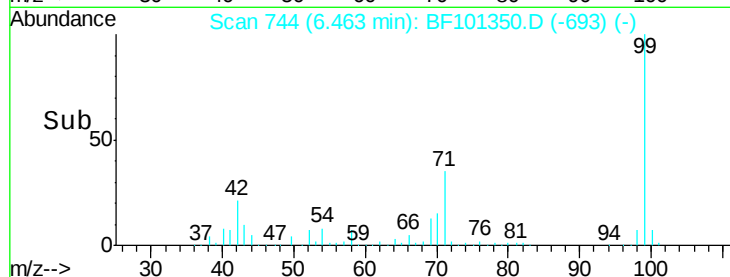
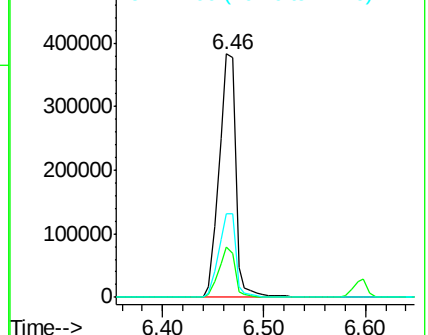
99 100

42 20.6 14.5 21.7

71 34.6 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



#10

Phenol

Concen: 3.931 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF101350.D

Acq: 13 Dec 2017 00:28

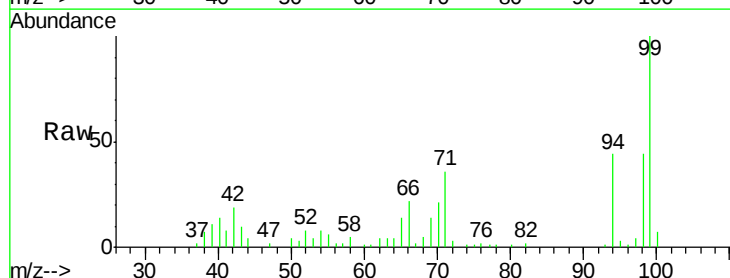
Tgt Ion: 94 Resp: 14227

Ion Ratio Lower Upper

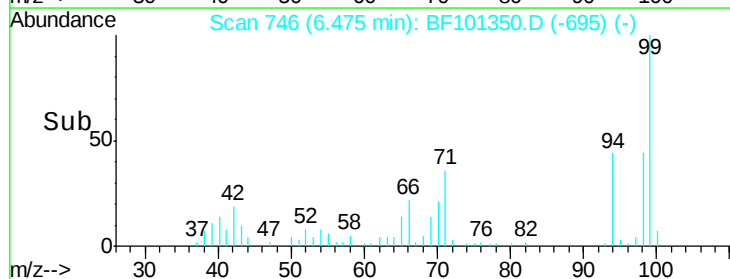
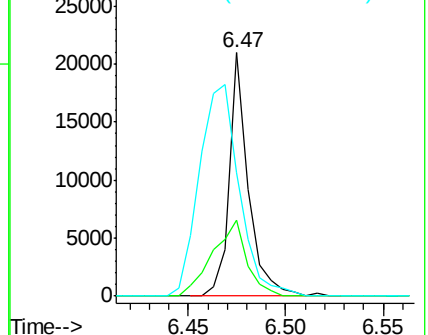
94 100

65 31.2 7.9 47.9

66 50.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

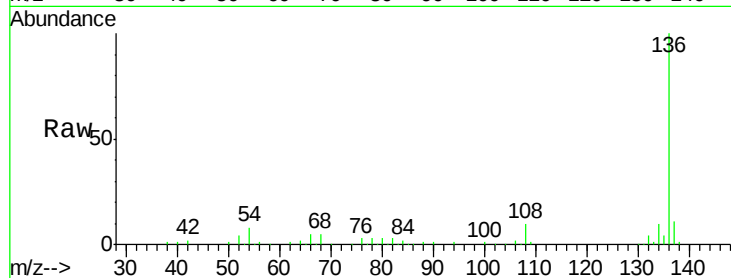




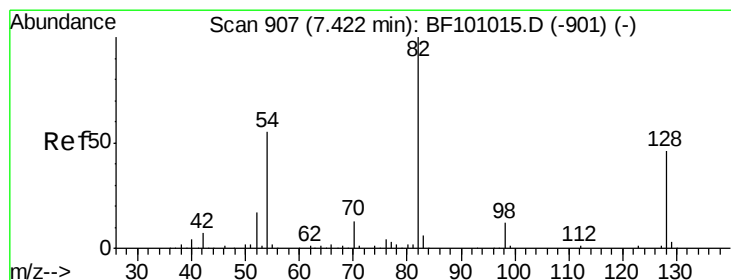
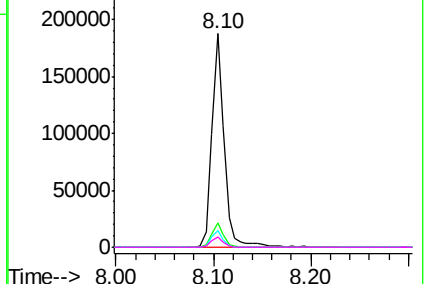
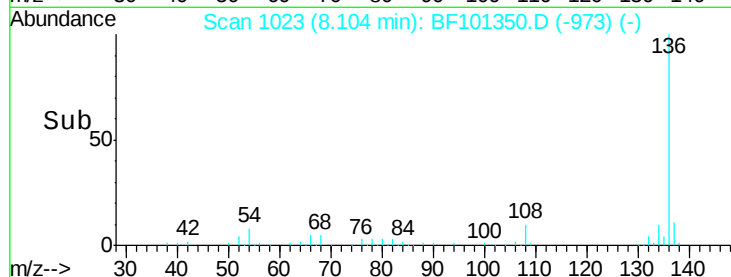
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101350.D
Acq: 13 Dec 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-3(13-15)

Tot Ion:136	Resp:	164859
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	7.6	6.6 9.8
68	4.8	5.0 7.4#

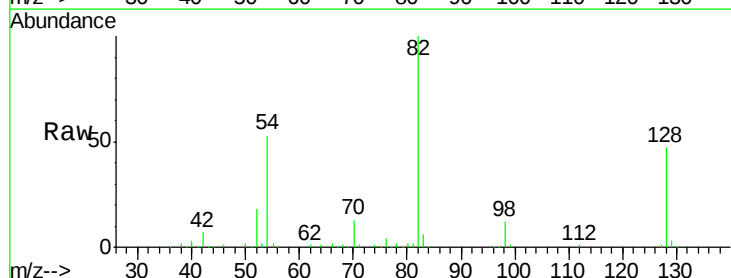


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

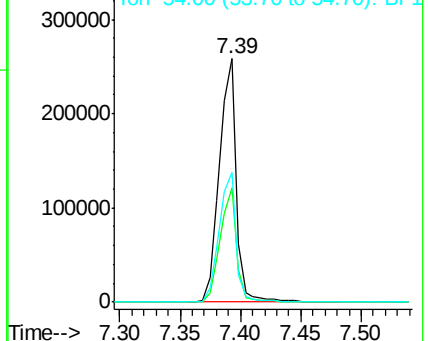
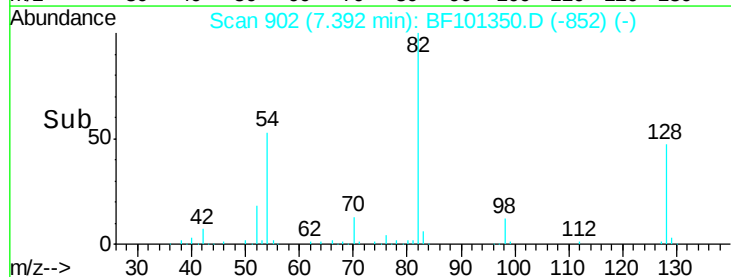


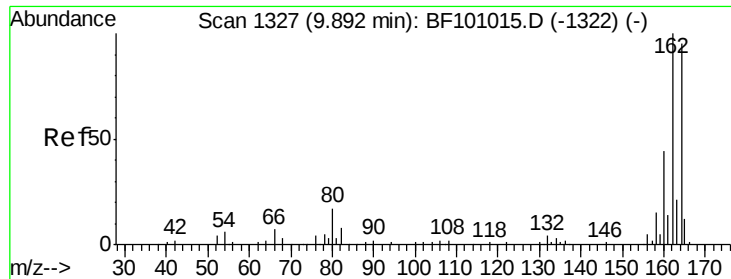
#23
Nitrobenzene-d5
Concen: 90.003 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101350.D
Acq: 13 Dec 2017 00:28

Tgt Ion: 82	Resp:	248734
Ion Ratio	Lower	Upper
82	100	
128	46.7	36.1 54.1
54	53.3	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

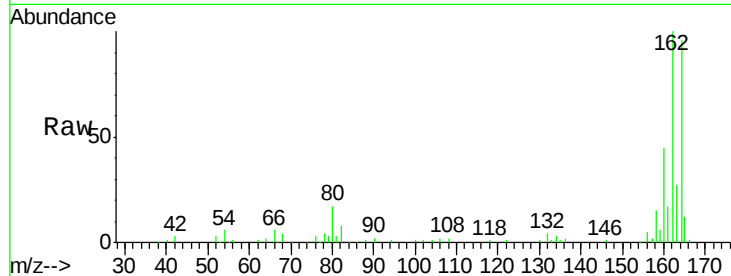




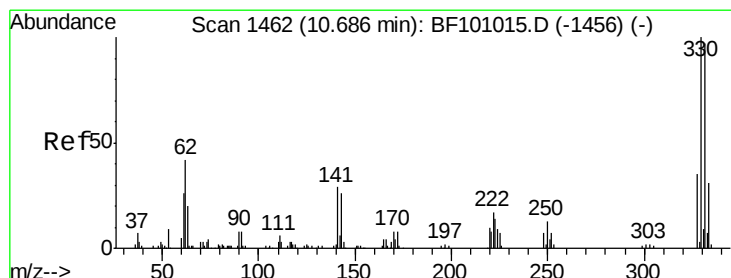
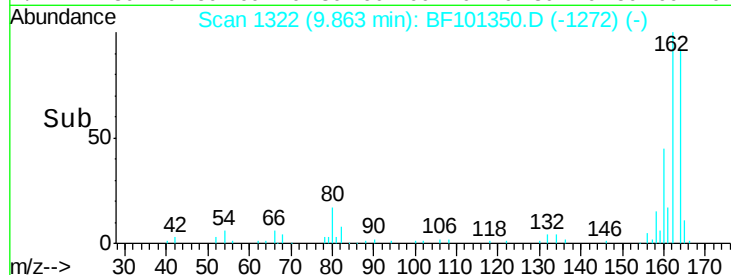
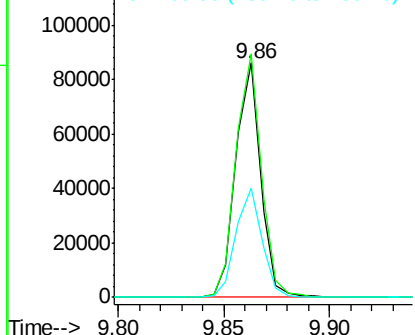
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101350.D
Acq: 13 Dec 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-3(13-15)

Tot Ion:164 Resp: 69688
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 46.3 38.3 57.5

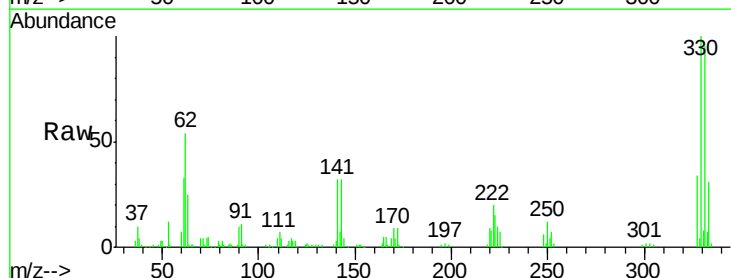


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

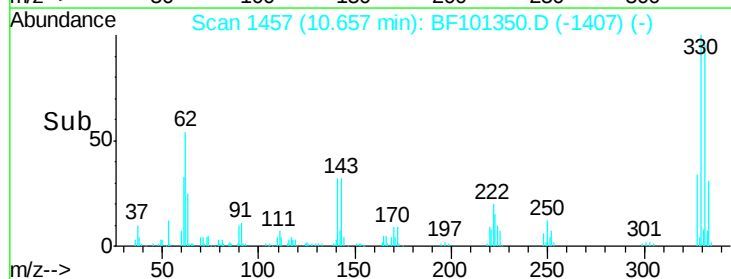
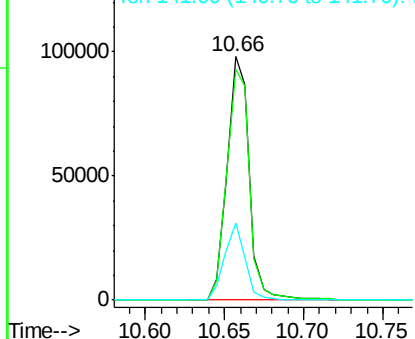


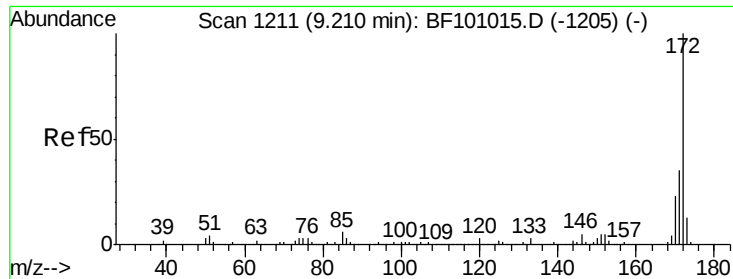
#41
2,4,6-Tribromophenol
Concen: 112.946 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101350.D
Acq: 13 Dec 2017 00:28

Tgt Ion:330 Resp: 94553
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 29.6 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

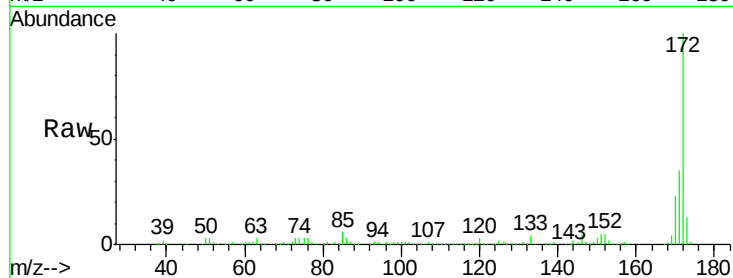




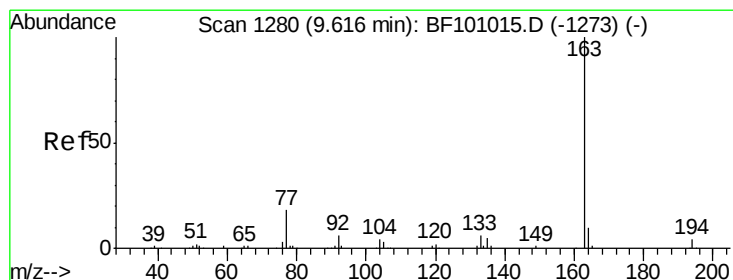
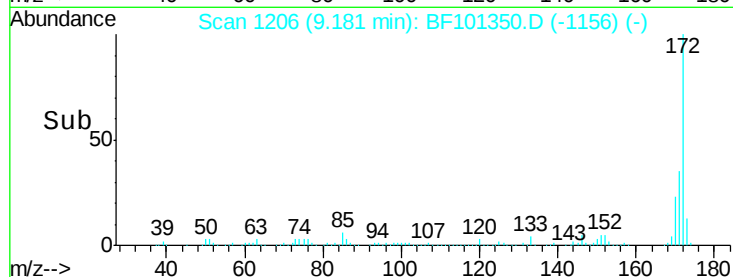
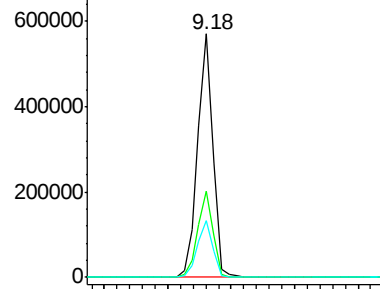
#44
2-Fluorobiphenyl
Concen: 94.297 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101350.D
Acq: 13 Dec 2017 00:28

Instrument :
BNA_F
ClientSampleId :
SB-3(13-15)

Tot Ion:172 Resp: 480292
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.2 19.6 29.4

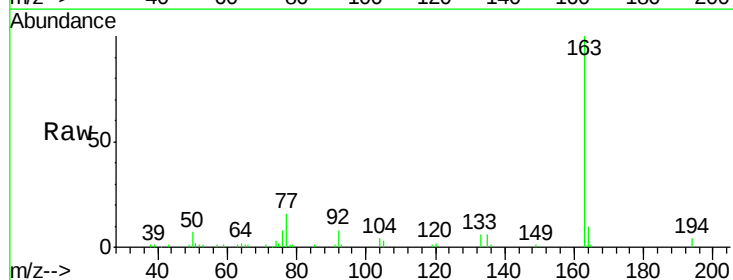


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

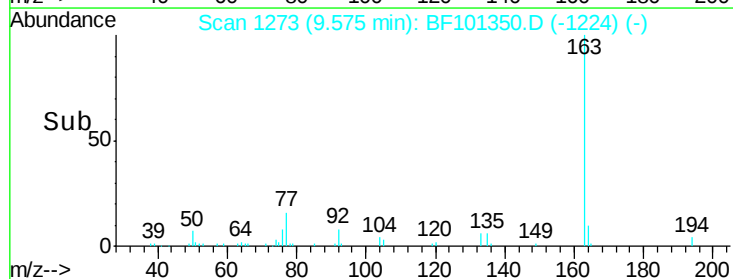
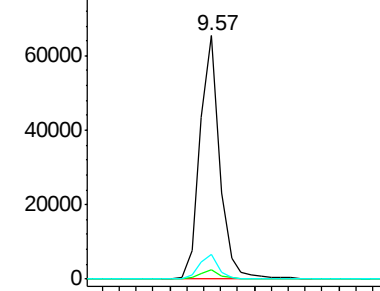


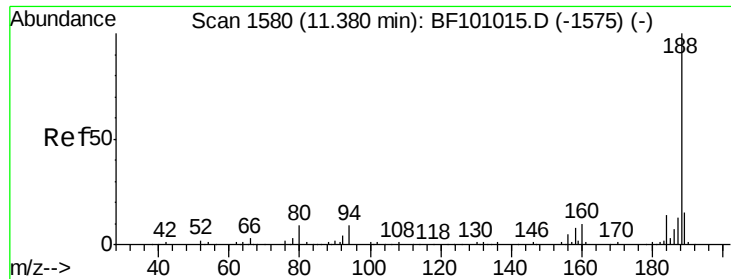
#49
Dimethylphthalate
Concen: 9.453 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101350.D
Acq: 13 Dec 2017 00:28

Tgt Ion:163 Resp: 53130
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.0 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

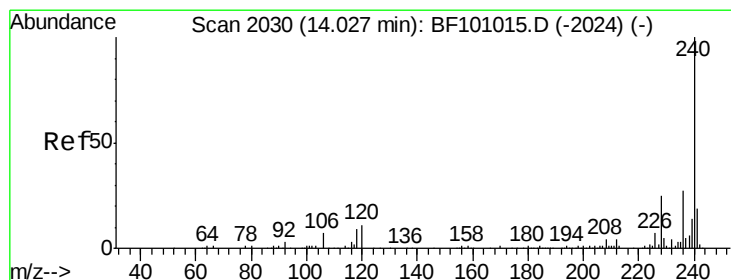
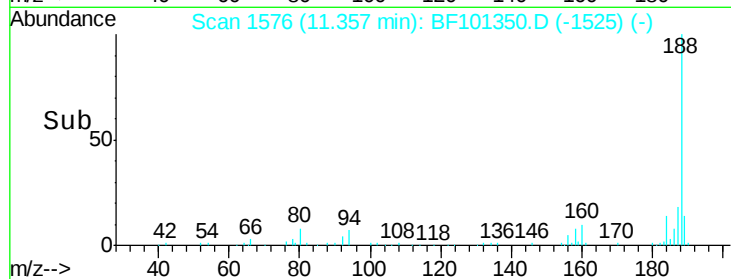
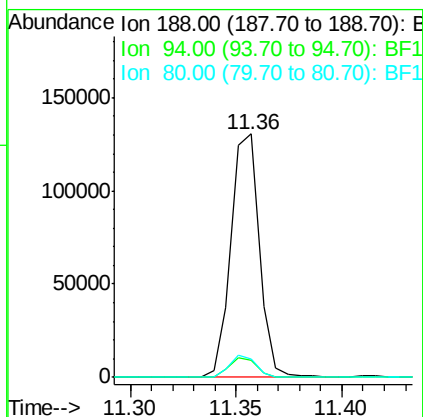
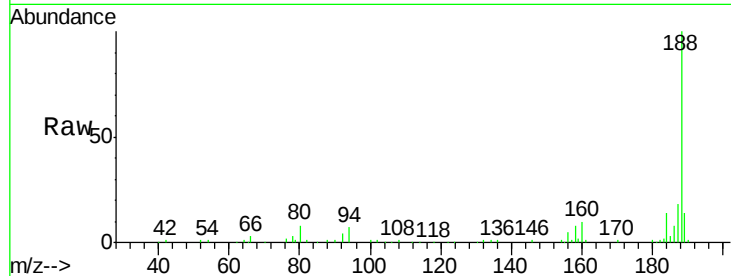




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF101350.D
Acq: 13 Dec 2017 00:28

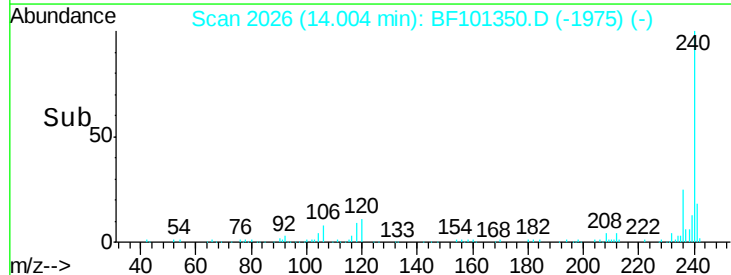
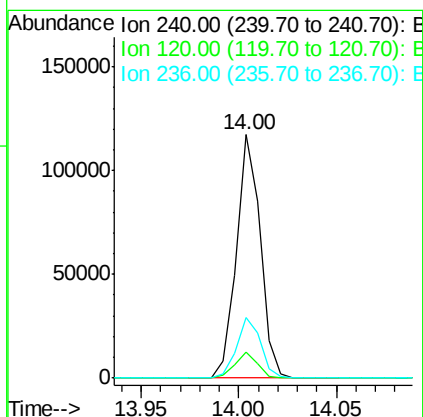
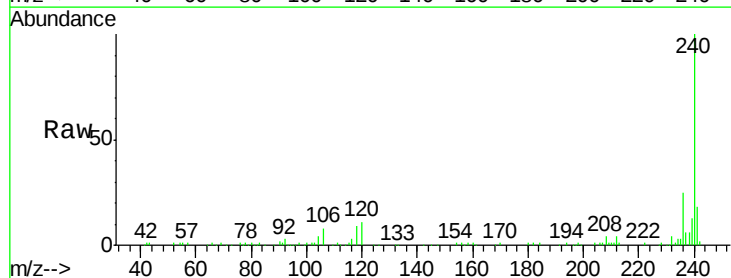
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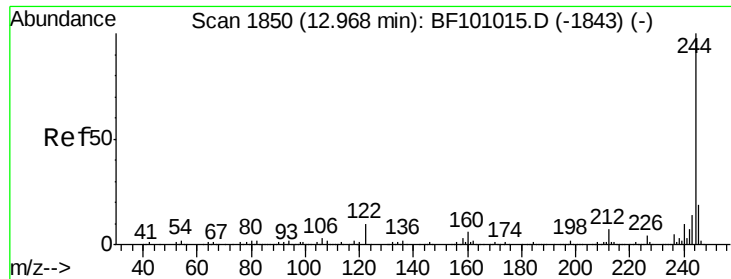
Tot Ion:188 Resp: 121008
Ion Ratio Lower Upper
188 100
94 7.1 8.5 12.7#
80 7.5 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF101350.D
Acq: 13 Dec 2017 00:28

Tgt Ion:240 Resp: 99468
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 24.9 20.7 31.1

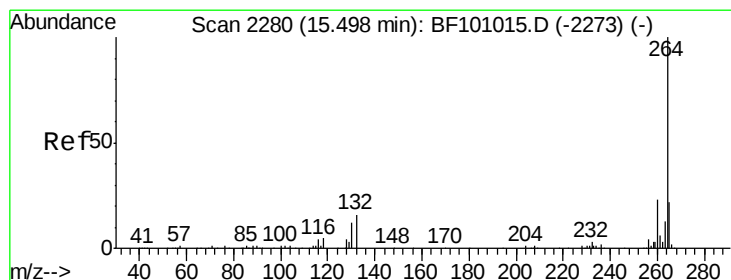
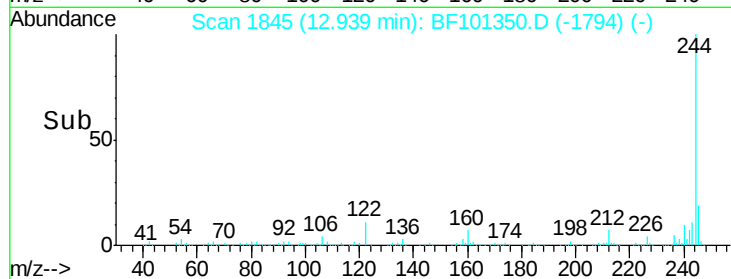
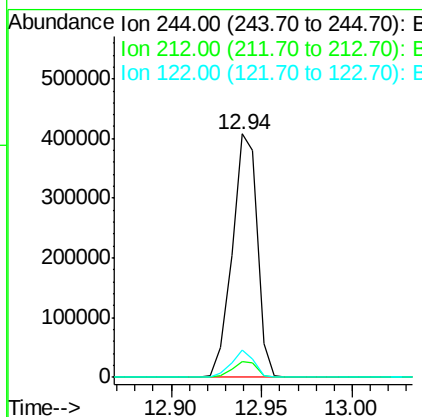
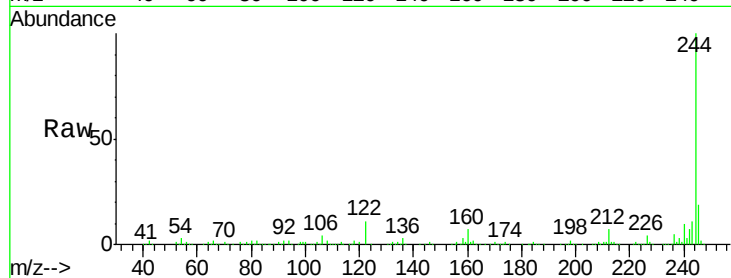




#78
 Terphenyl-d14
 Concen: 85.702 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF101350.D
 Acq: 13 Dec 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(13-15)

Tot Ion:244 Resp: 389737
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.01 min
 Lab File: BF101350.D
 Acq: 13 Dec 2017 00:28

Tgt Ion:264 Resp: 83052
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.8 17.5 26.3

