

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101200.D
 Acq On : 7 Dec 2017 13:00
 Operator : SJ/JU
 Sample : I6645-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-01

Quant Time: Dec 07 16:45:04 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

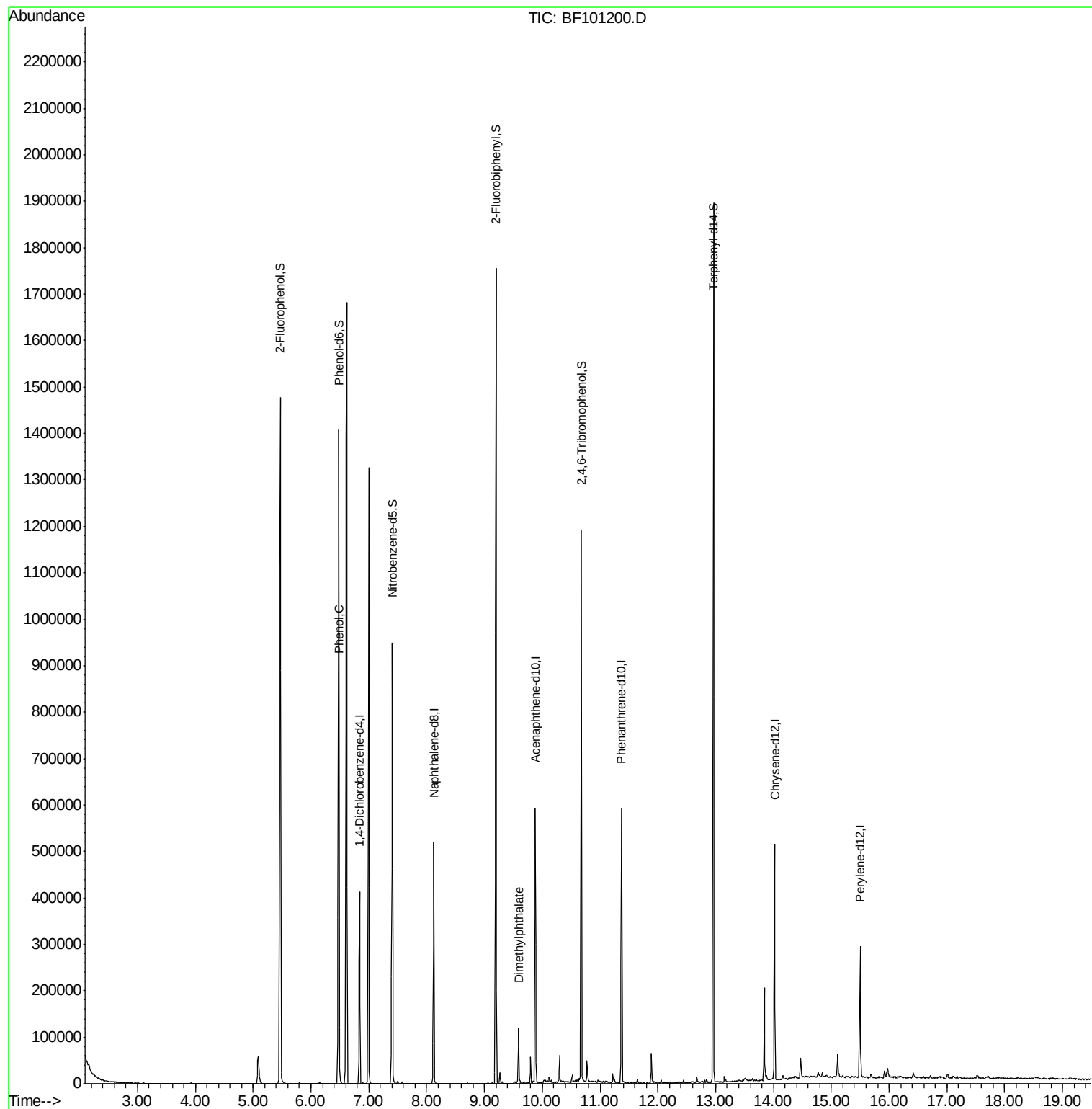
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	57420	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	231374	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	111047	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	223115	20.00	ng	0.00
75) Chrysene-d12	14.02	240	183874	20.00	ng	0.00
86) Perylene-d12	15.50	264	130509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	456926	131.50	ng	0.00
7) Phenol-d6	6.48	99	559568	132.64	ng	0.00
23) Nitrobenzene-d5	7.41	82	337673	87.06	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	165794	124.28	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	672412	82.85	ng	0.00
78) Terphenyl-d14	12.96	244	701891	83.49	ng	0.00
Target Compounds						
10) Phenol	6.49	94	21338	4.549	ng	96
49) Dimethylphthalate	9.59	163	41707	4.657	ng	99

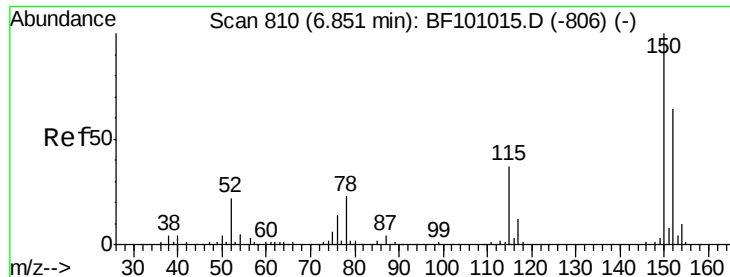
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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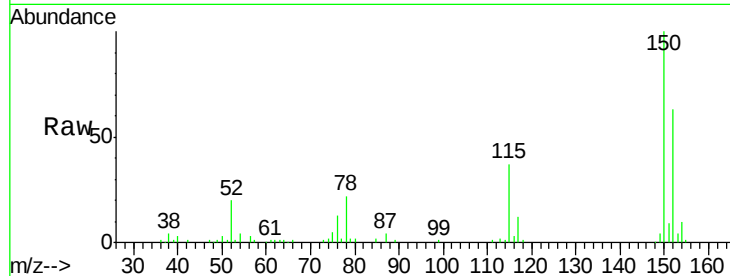


#1

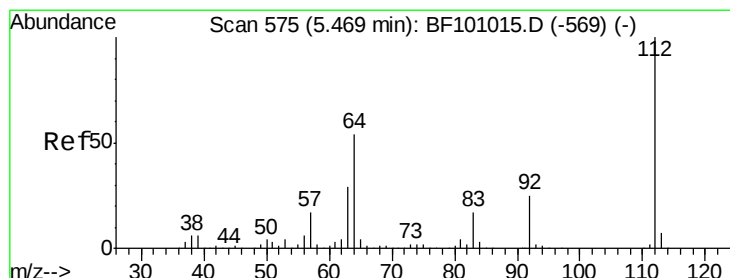
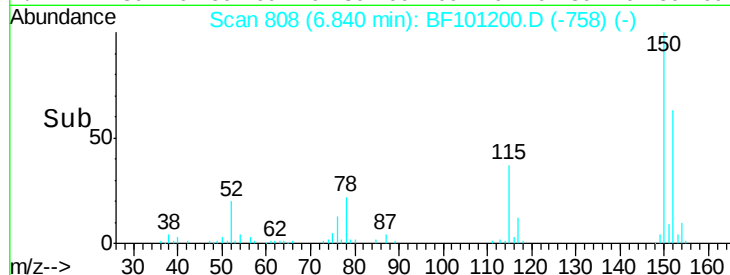
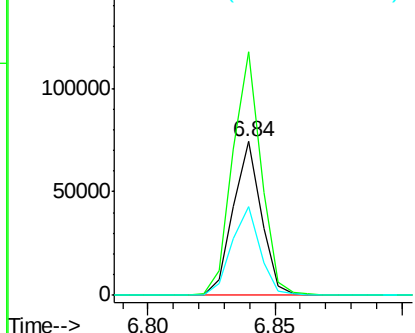
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Instrument :
BNA_F
ClientSampleId :
BSC-SB-01

Tot Ion:152 Resp: 57420
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 57.9 50.1 75.1



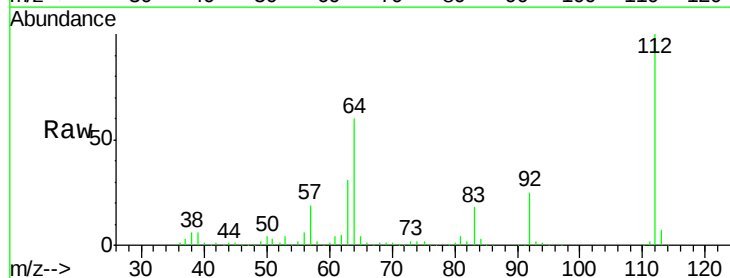
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



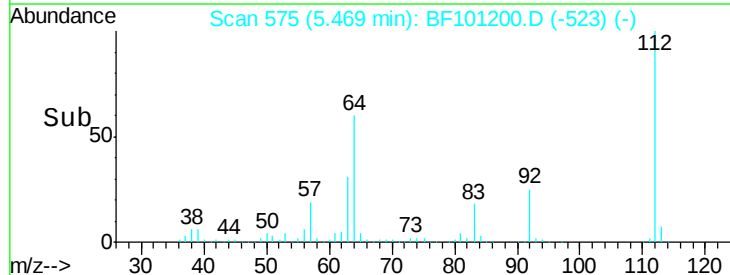
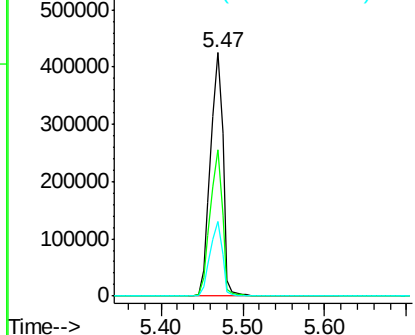
#5

2-Fluorophenol
Concen: 131.495 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Tgt Ion:112 Resp: 456926
Ion Ratio Lower Upper
112 100
64 60.2 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: 132.636 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101200.D

Acq: 7 Dec 2017 13:00

Instrument :

BNA_F

ClientSampleId :

BSC-SB-01

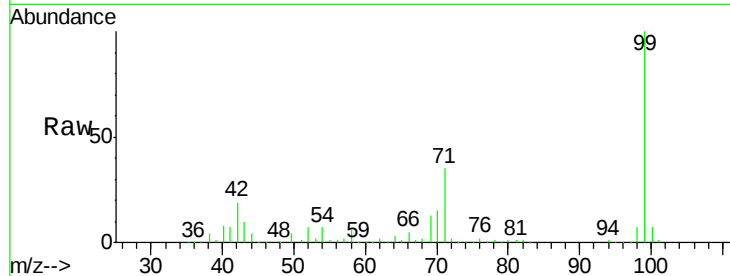
Tot Ion: 99 Resp: 559568

Ion Ratio Lower Upper

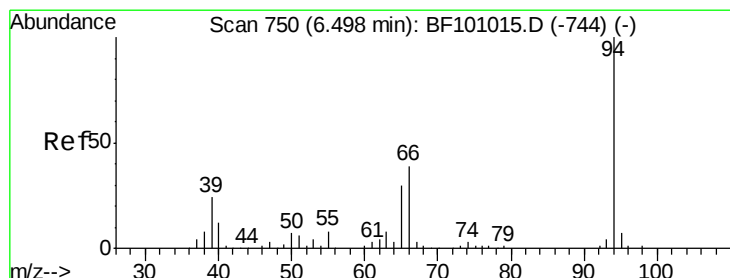
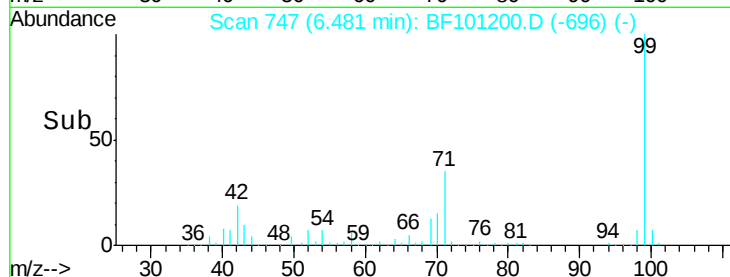
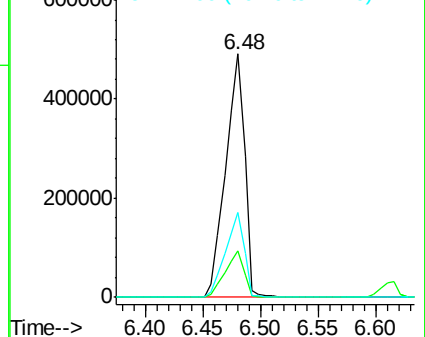
99 100

42 19.3 14.5 21.7

71 34.7 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: 4.549 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101200.D

Acq: 7 Dec 2017 13:00

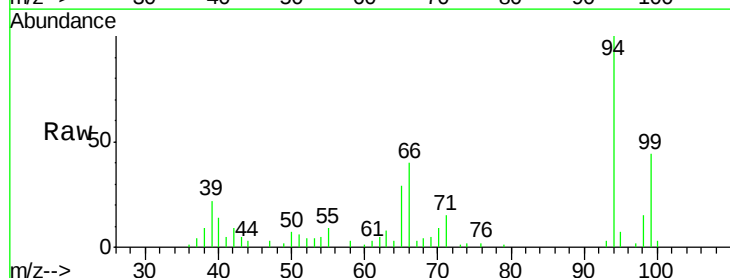
Tgt Ion: 94 Resp: 21338

Ion Ratio Lower Upper

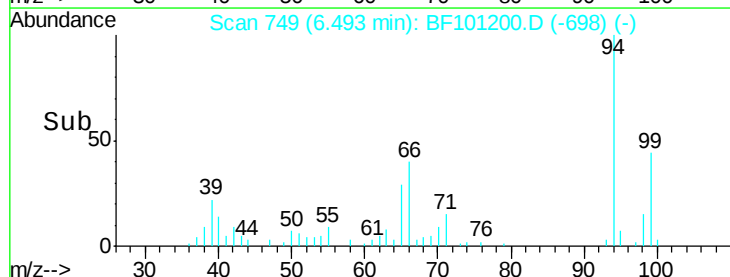
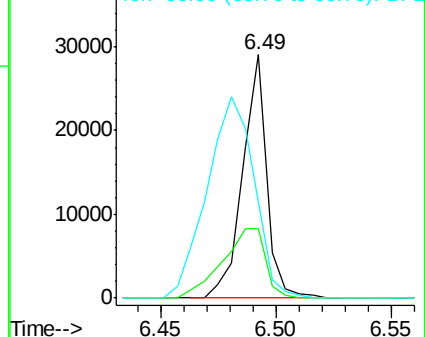
94 100

65 28.6 7.9 47.9

66 39.8 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

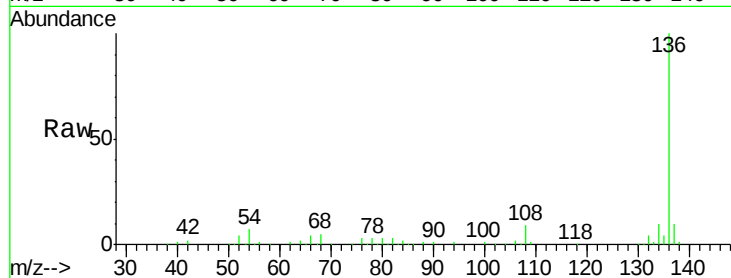




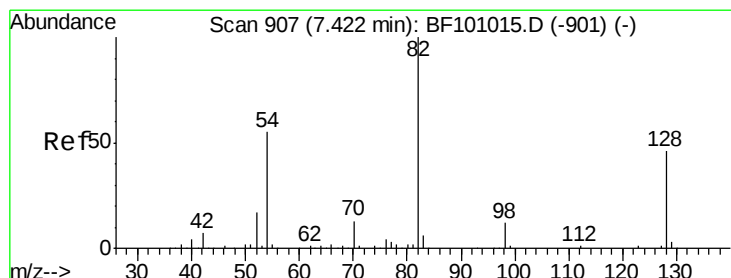
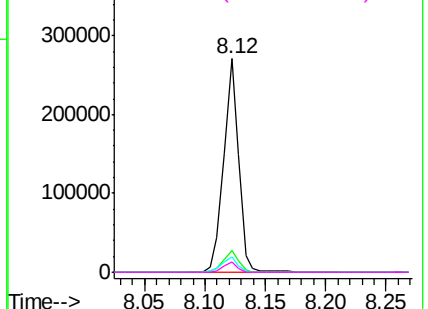
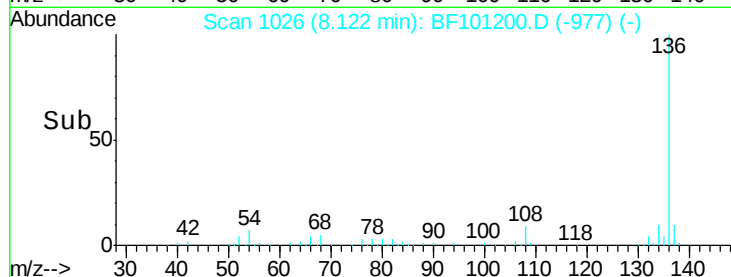
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Instrument :
BNA_F
ClientSampleId :
BSC-SB-01

Tot Ion:136	Resp:	231374
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.9 13.3
54	7.5	6.6 9.8
68	4.8	5.0 7.4#

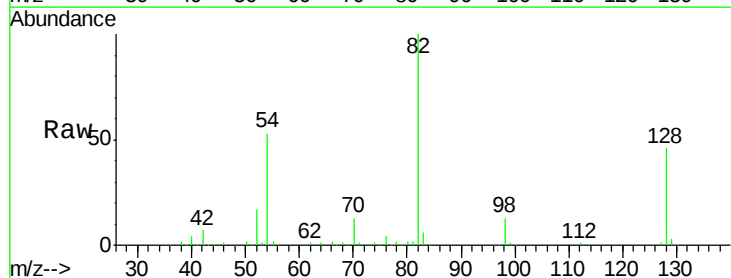


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

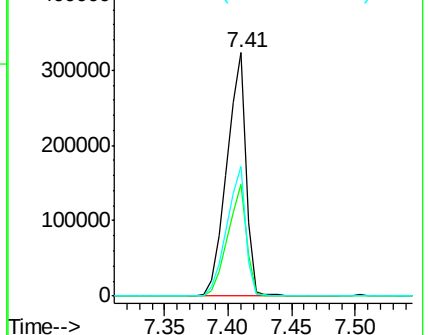
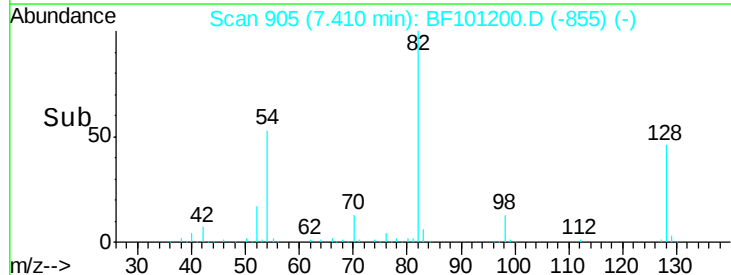


#23
Nitrobenzene-d5
Concen: 87.059 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Tgt Ion: 82	Resp:	337673
Ion Ratio	Lower	Upper
82	100	
128	45.8	36.1 54.1
54	53.2	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

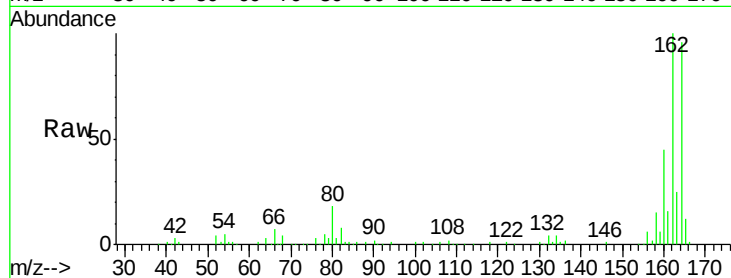




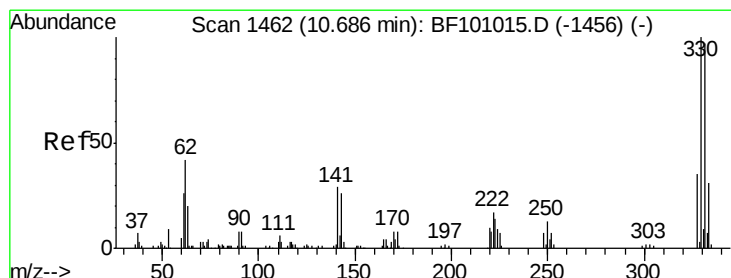
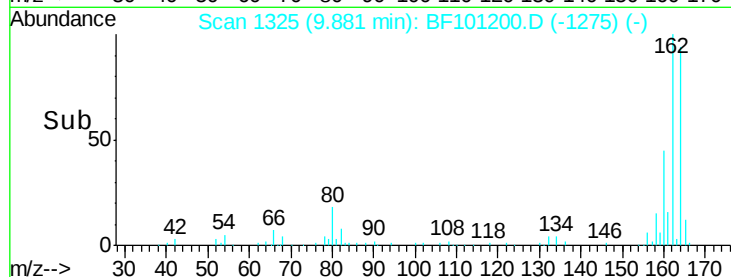
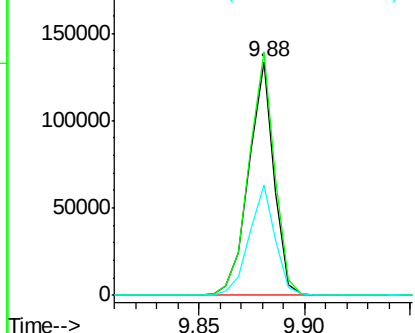
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Instrument :
BNA_F
ClientSampleId :
BSC-SB-01

Tot Ion:164 Resp: 111047
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 47.0 38.3 57.5

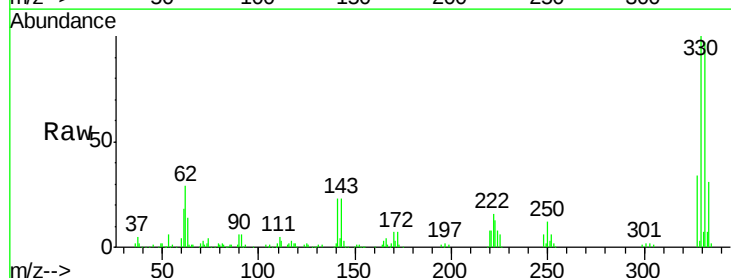


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

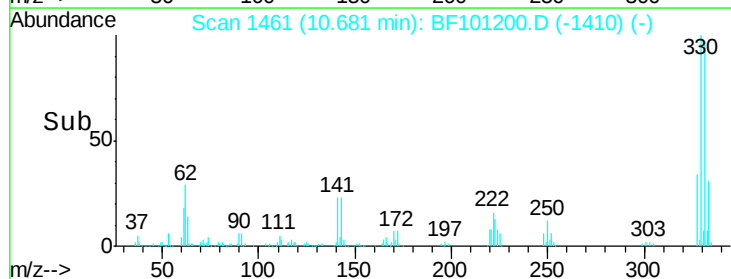
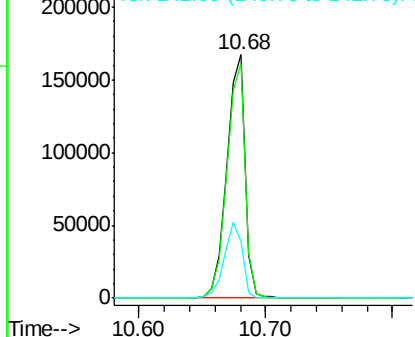


#41
2,4,6-Tribromophenol
Concen: 124.284 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Tgt Ion:330 Resp: 165794
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 30.9 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

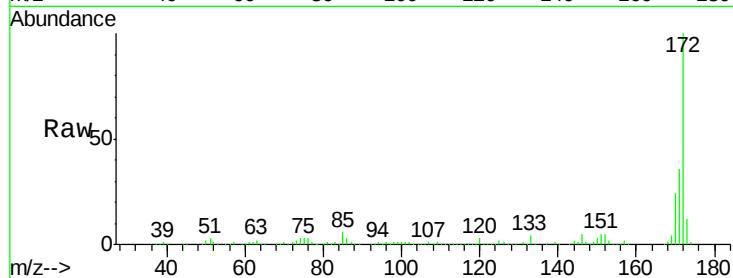




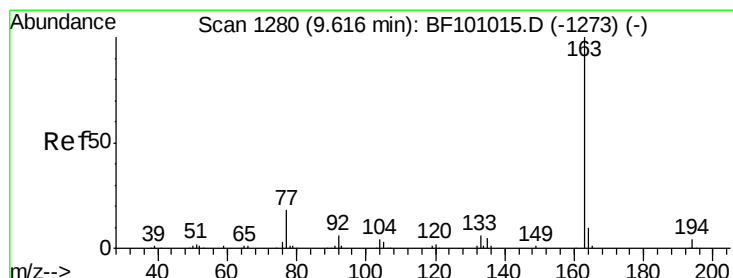
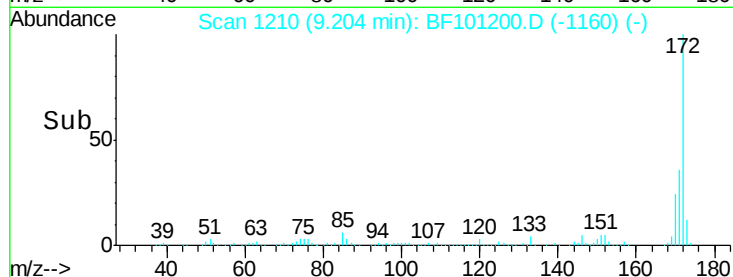
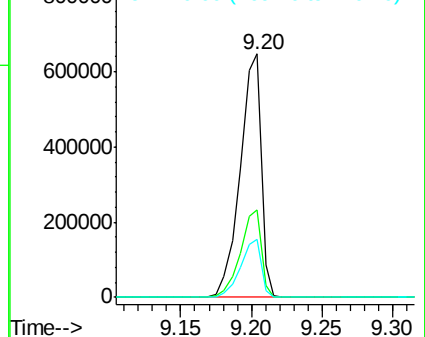
#44
2-Fluorobiphenyl
Concen: 82.847 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Instrument :
BNA_F
ClientSampleId :
BSC-SB-01

Tot Ion:172 Resp: 672412
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.7 19.6 29.4

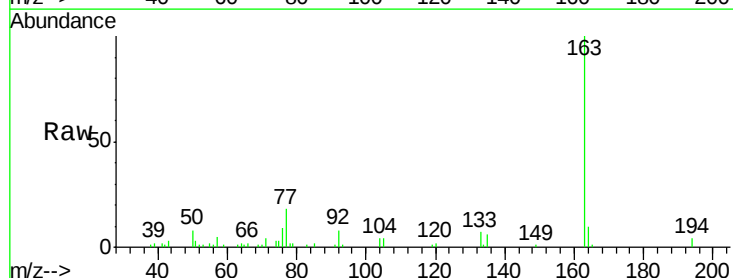


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

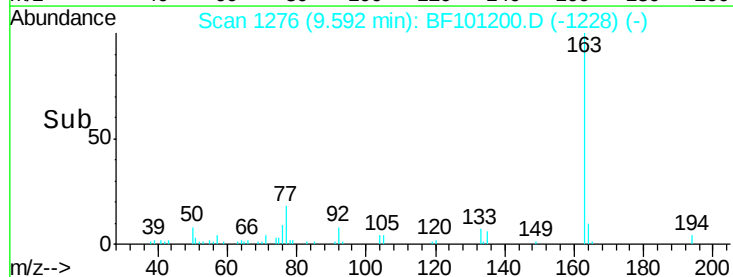
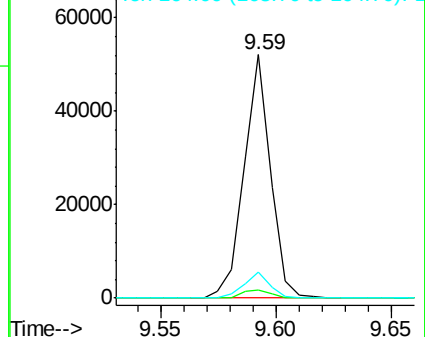


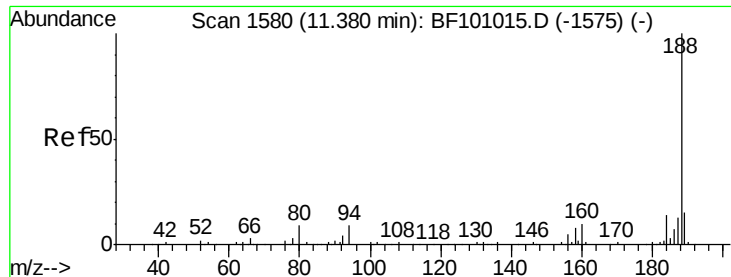
#49
Dimethylphthalate
Concen: 4.657 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Tgt Ion:163 Resp: 41707
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 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

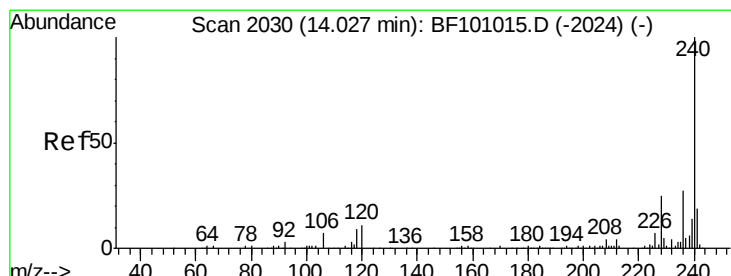
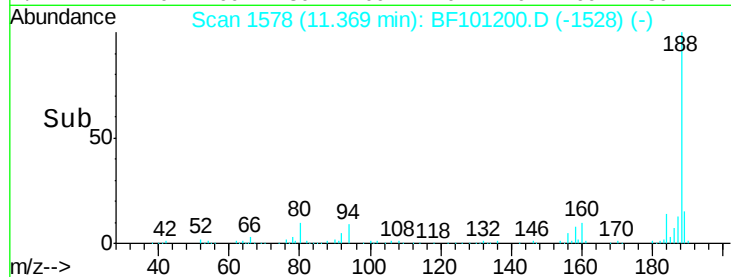
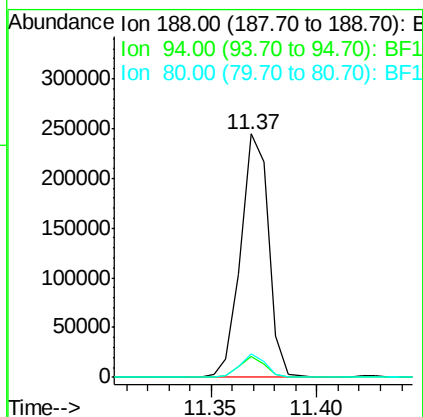
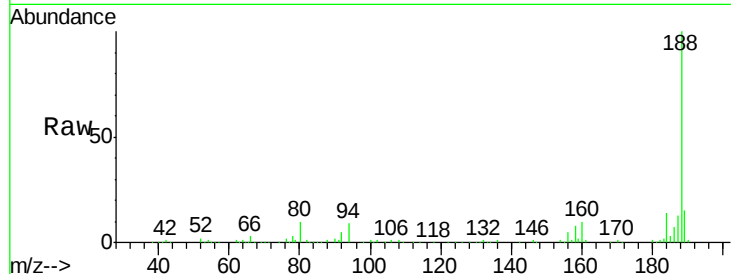




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

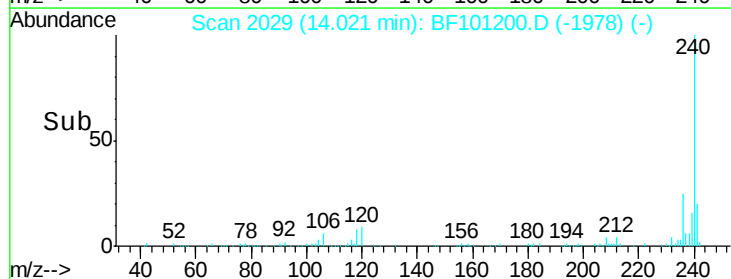
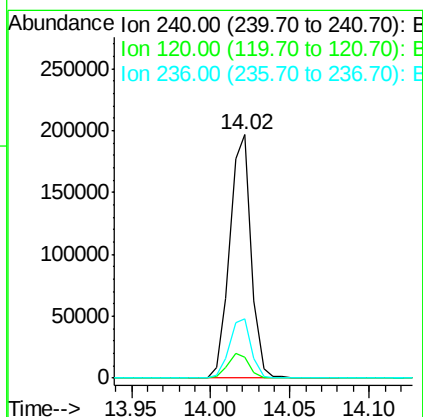
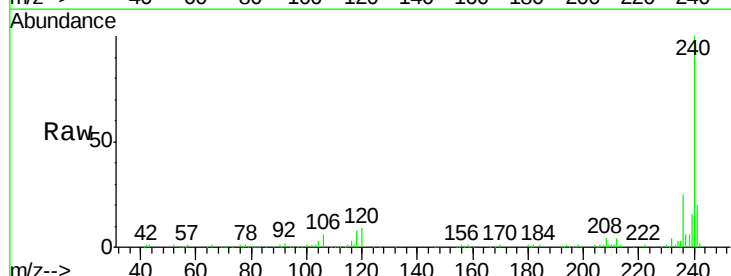
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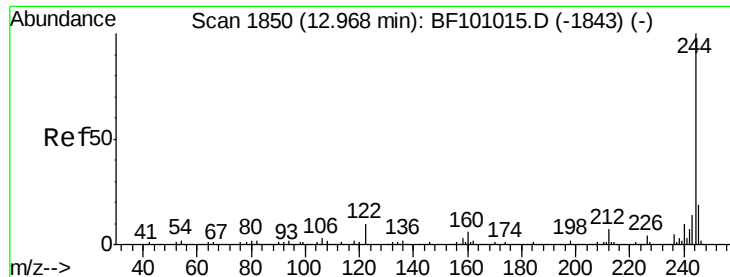
Tot Ion:188 Resp: 223115
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 9.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101200.D
Acq: 7 Dec 2017 13:00

Tgt Ion:240 Resp: 183874
Ion Ratio Lower Upper
240 100
120 8.5 9.5 14.3#
236 24.6 20.7 31.1





#78

Terphenyl-d14

Concen: 83.493 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101200.D

Acq: 7 Dec 2017 13:00

Instrument :

BNA_F

ClientSampleId :

BSC-SB-01

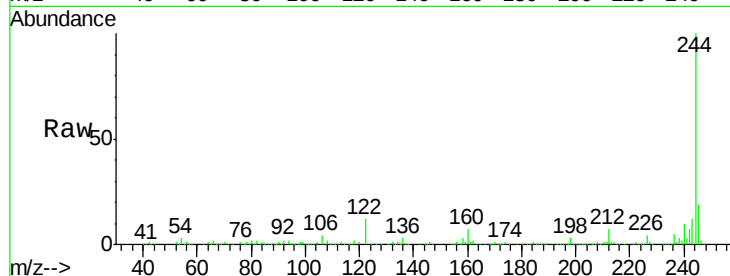
Tot Ion:244 Resp: 701891

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

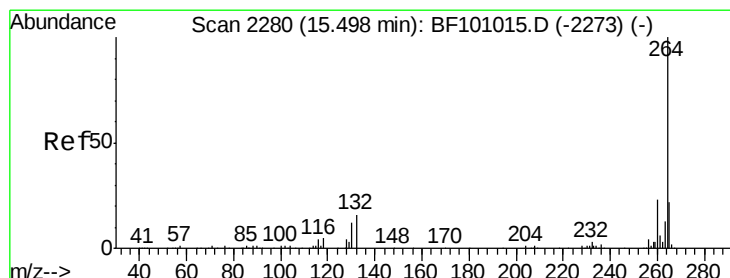
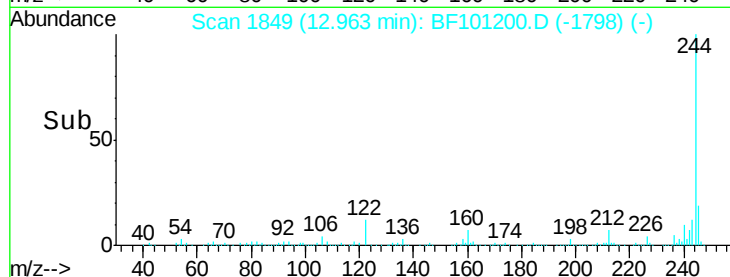
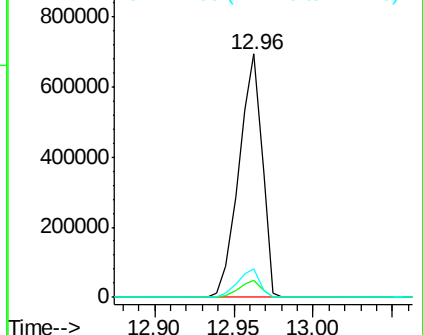
122 11.7 11.0 16.4



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# 2280

Delta R.T. 0.01 min

Lab File: BF101200.D

Acq: 7 Dec 2017 13:00

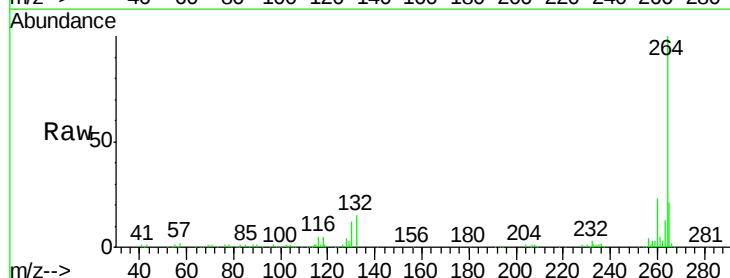
Tgt Ion:264 Resp: 130509

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.4 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

