

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101163.D
 Acq On : 6 Dec 2017 13:16
 Operator : SJ/JU
 Sample : I6620-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(10-12)-20171128

Quant Time: Dec 06 14:58:17 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

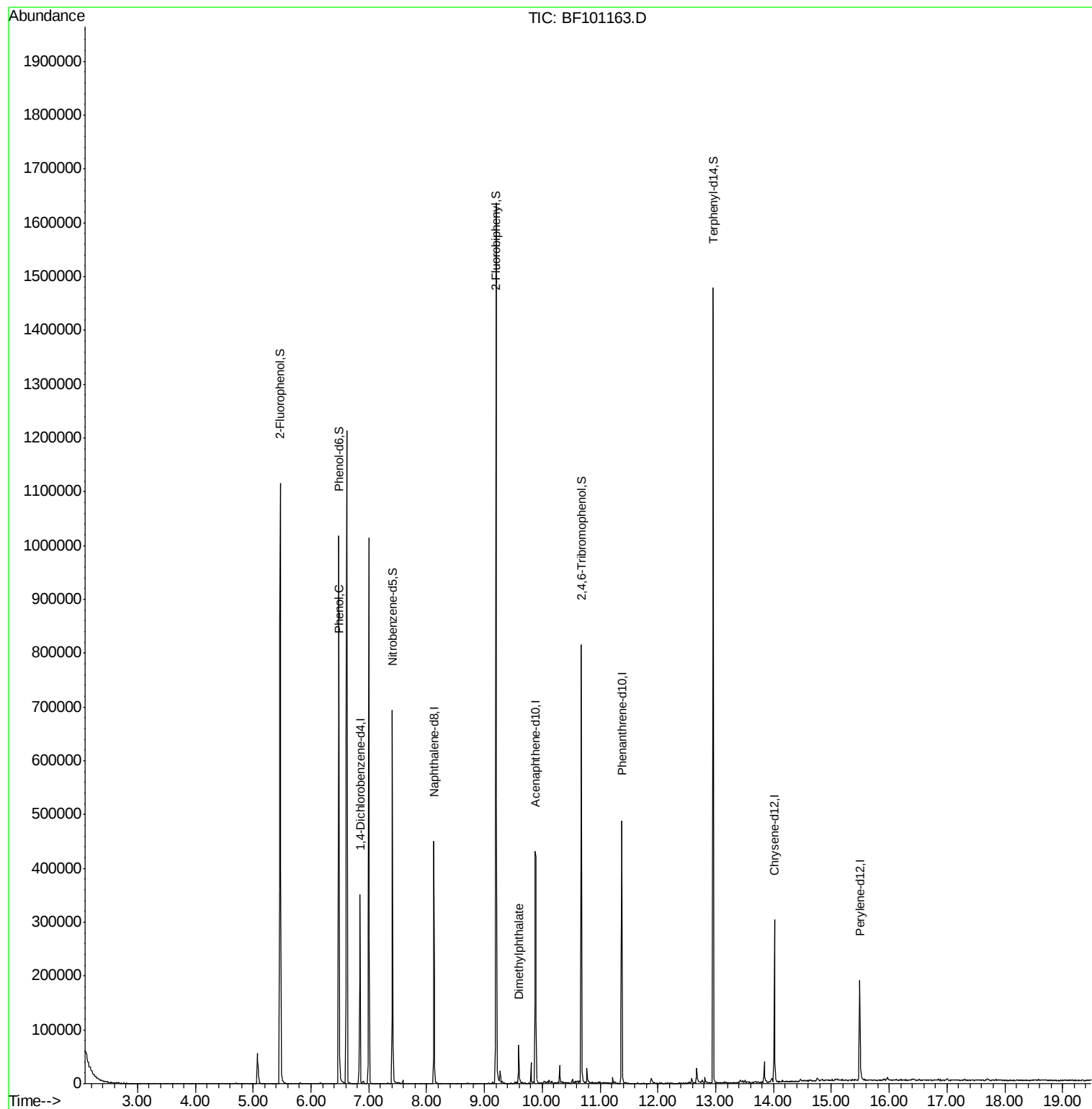
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	48330	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	190819	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	91503	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	180614	20.00	ng	0.00
75) Chrysene-d12	14.02	240	106432	20.00	ng	0.00
86) Perylene-d12	15.49	264	102683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	306686	104.86	ng	0.00
7) Phenol-d6	6.48	99	372787	104.98	ng	0.00
23) Nitrobenzene-d5	7.41	82	233600	73.03	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	98250	89.38	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	521740	78.01	ng	0.00
78) Terphenyl-d14	12.96	244	495434	101.82	ng	0.00
Target Compounds						
10) Phenol	6.49	94	12493	3.164	ng	87
49) Dimethylphthalate	9.59	163	31869	4.319	ng	99

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

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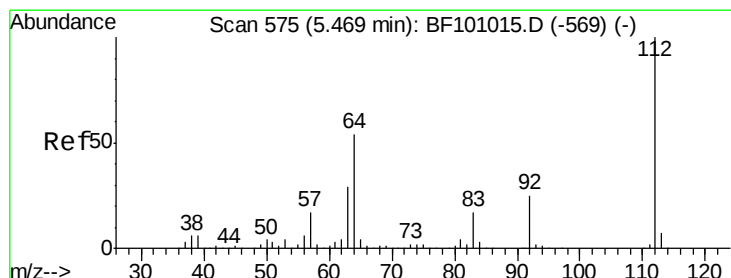
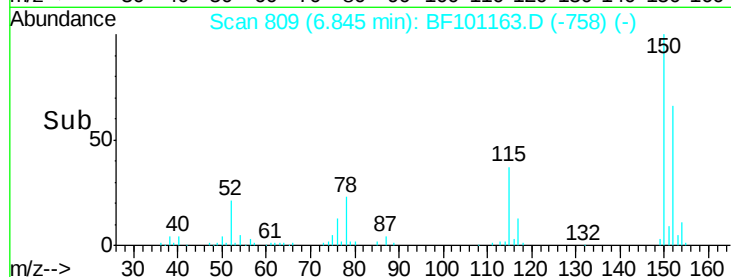
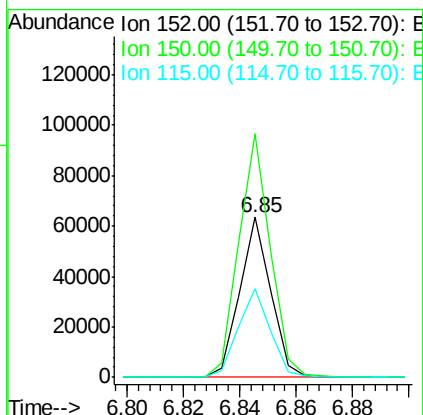
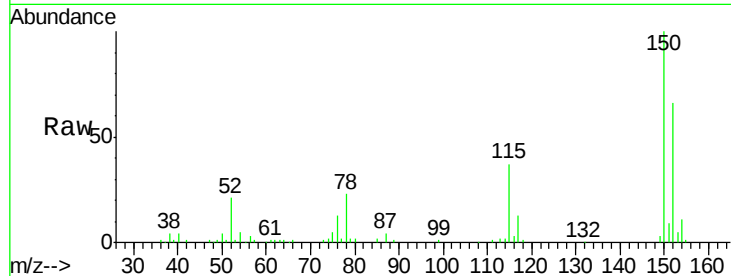


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Instrument :
BNA_F
ClientSampleId :
SB-4(10-12)-20171128

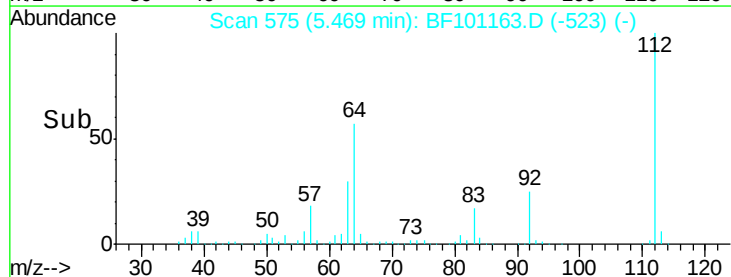
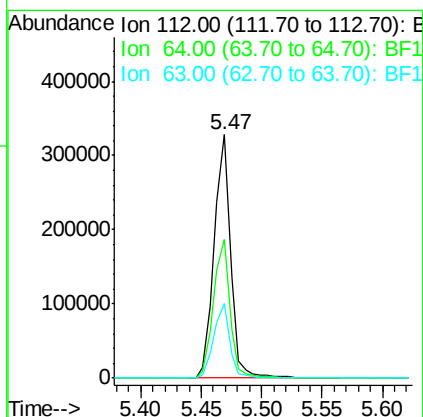
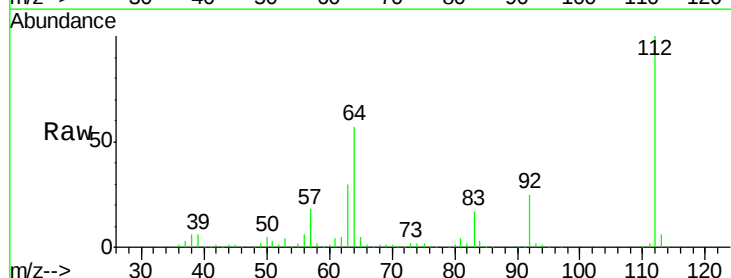
Tot Ion:152 Resp: 48330
Ion Ratio Lower Upper
152 100
150 152.3 124.6 186.8
115 55.8 50.1 75.1



#5

2-Fluorophenol
Concen: 104.859 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Tgt Ion:112 Resp: 306686
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 104.983 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101163.D

Acq: 6 Dec 2017 13:16

Instrument :

BNA_F

ClientSampleId :

SB-4(10-12)-20171128

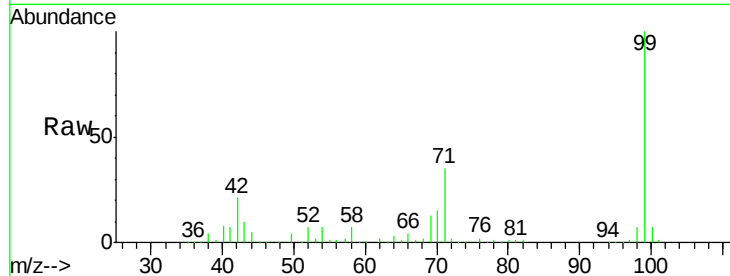
Tot Ion: 99 Resp: 372787

Ion Ratio Lower Upper

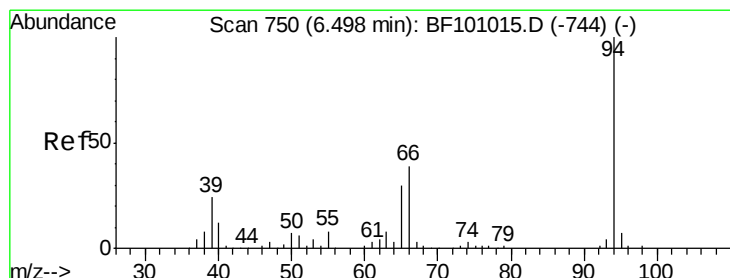
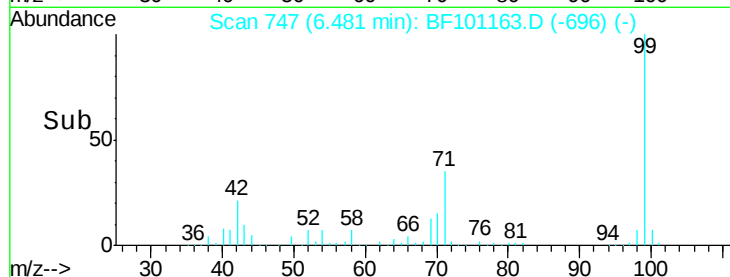
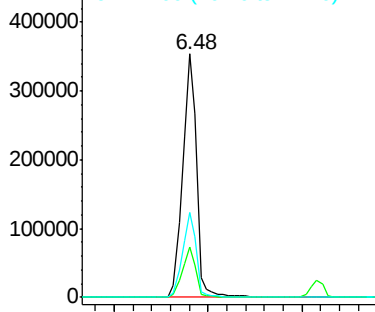
99 100

42 20.6 14.5 21.7

71 35.0 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: 3.164 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101163.D

Acq: 6 Dec 2017 13:16

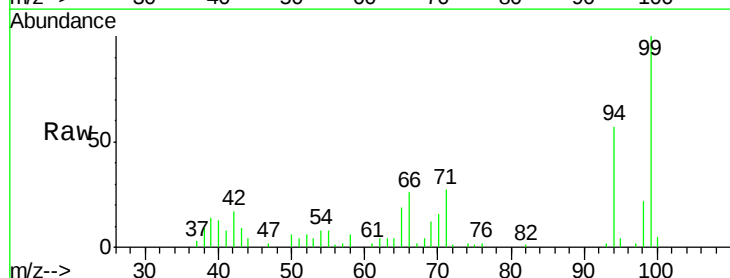
Tgt Ion: 94 Resp: 12493

Ion Ratio Lower Upper

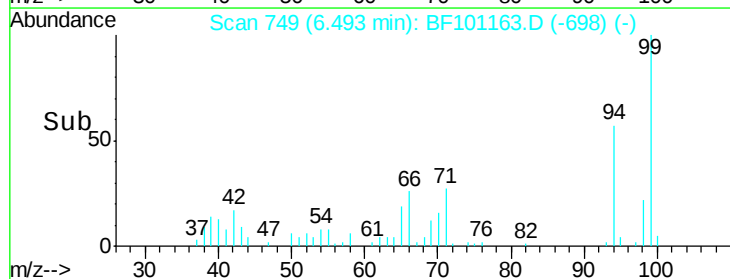
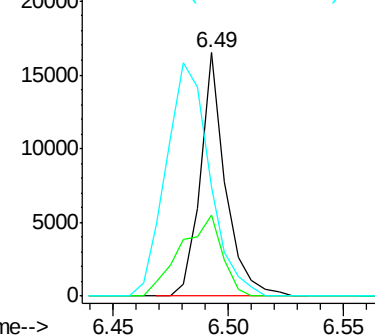
94 100

65 33.5 7.9 47.9

66 44.9 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

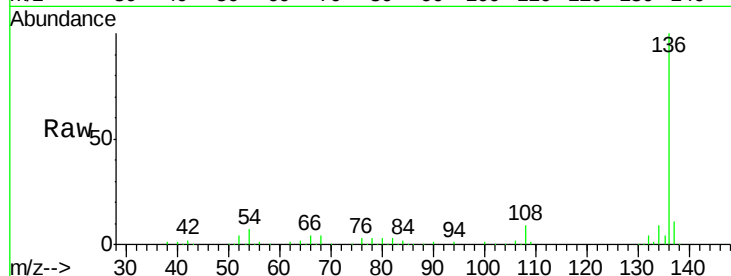




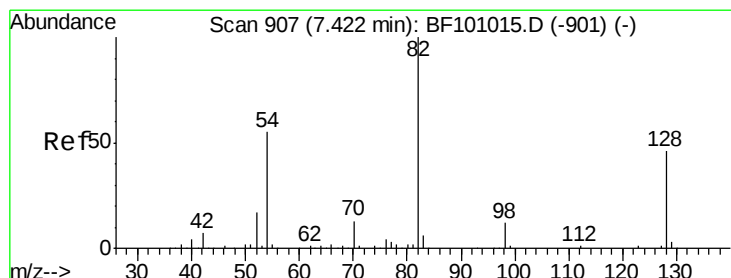
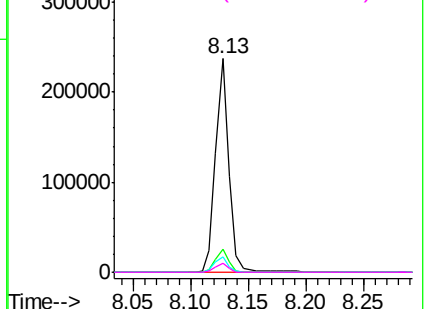
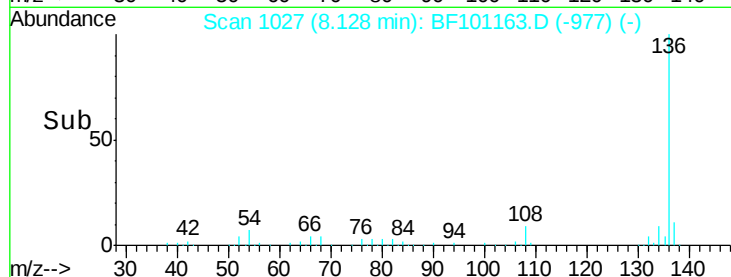
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Instrument :
BNA_F
ClientSampleId :
SB-4(10-12)-20171128

Tot Ion:136	Resp:	190819
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	7.1	6.6 9.8
68	4.3	5.0 7.4#

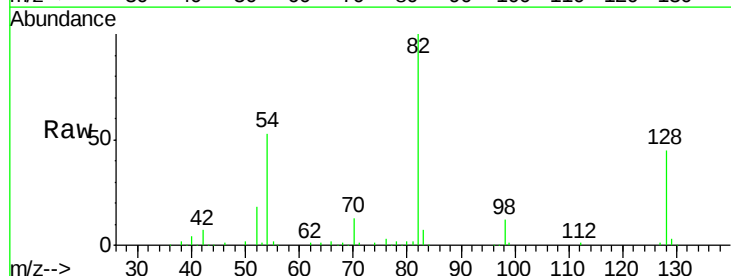


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

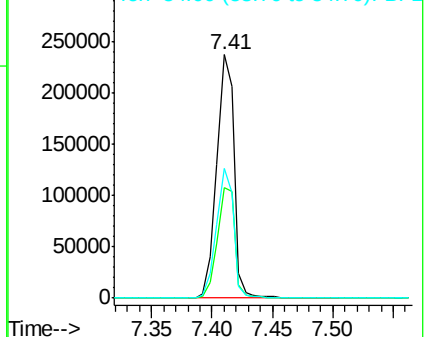
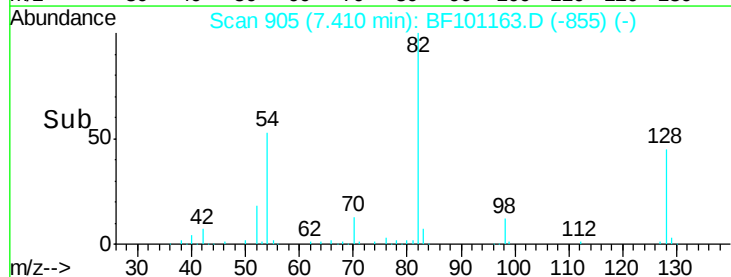


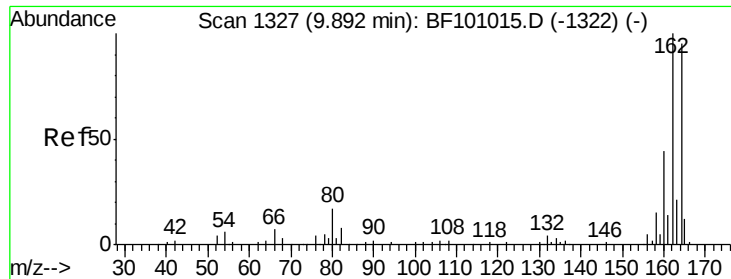
#23
Nitrobenzene-d5
Concen: 73.027 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Tgt Ion: 82	Resp:	233600
Ion Ratio	Lower	Upper
82	100	
128	45.2	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

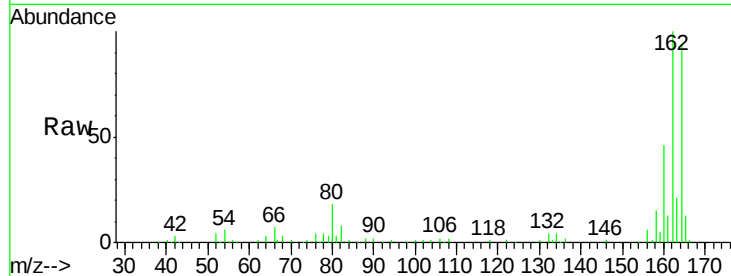




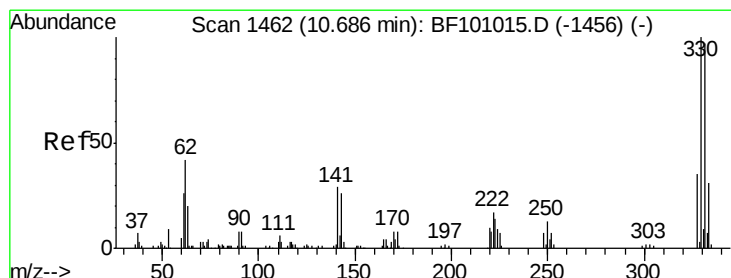
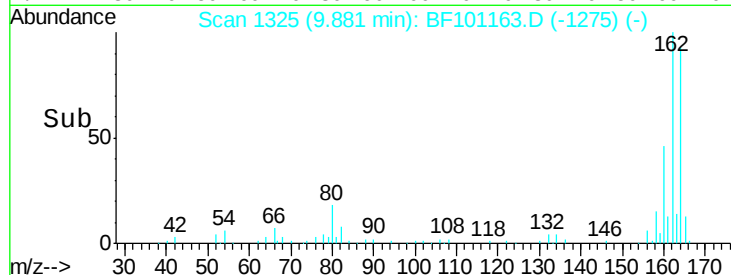
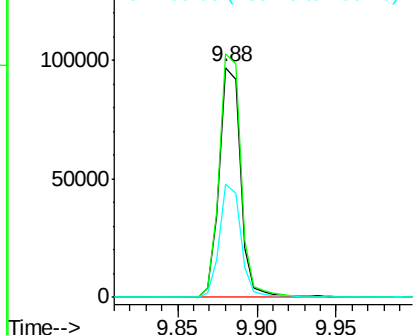
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF101163.D
 Acq: 6 Dec 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(10-12)-20171128

Tot Ion:164 Resp: 91503
 Ion Ratio Lower Upper
 164 100
 162 105.9 86.1 129.1
 160 49.1 38.3 57.5

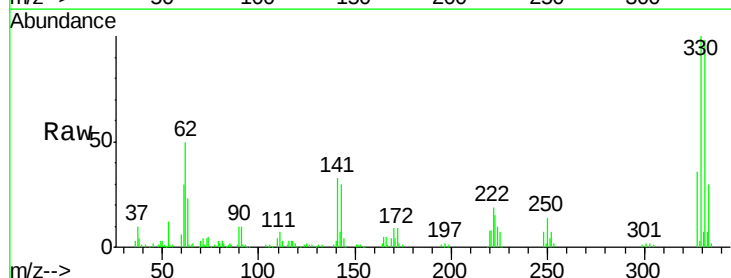


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

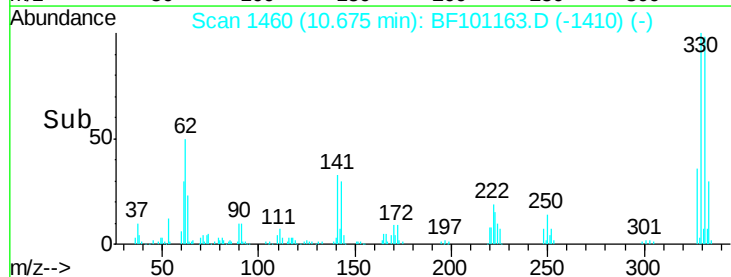
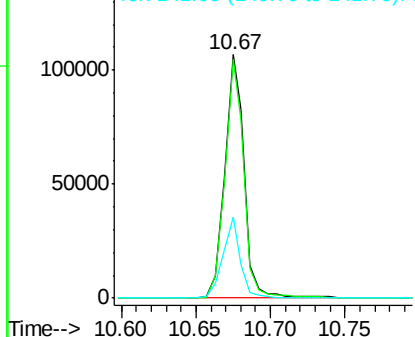


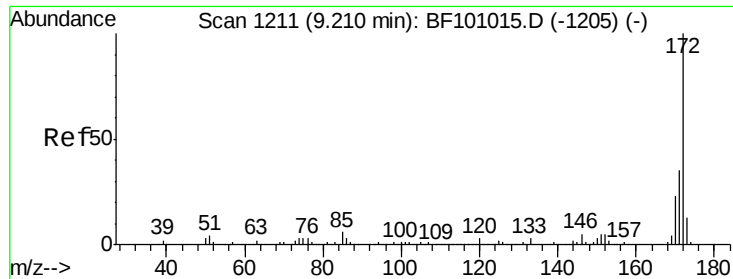
#41
 2,4,6-Tribromophenol
 Concen: 89.382 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101163.D
 Acq: 6 Dec 2017 13:16

Tgt Ion:330 Resp: 98250
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 29.7 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

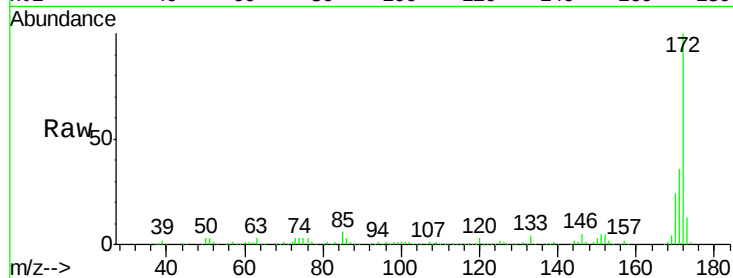




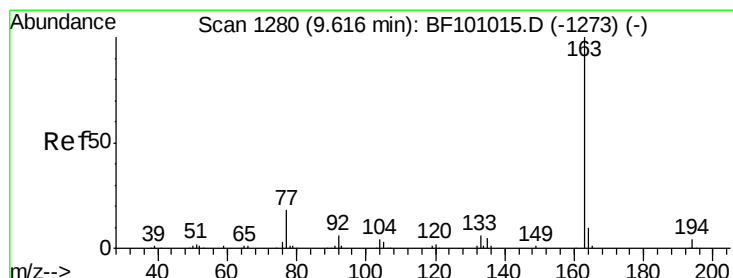
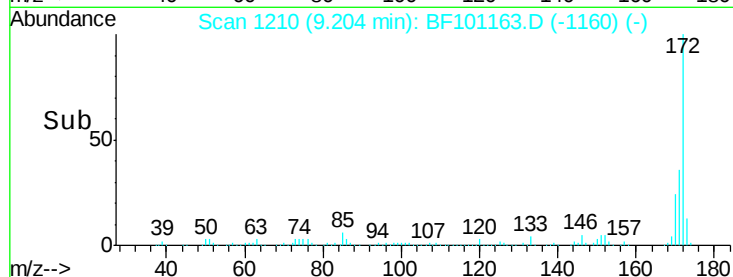
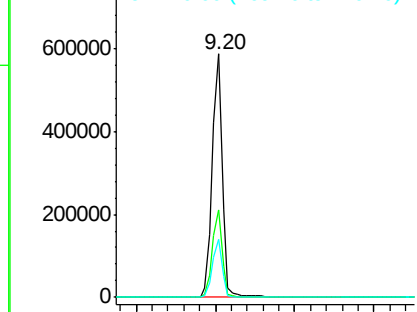
#44
2-Fluorobiphenyl
Concen: 78.013 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Instrument :
BNA_F
ClientSampleId :
SB-4(10-12)-20171128

Tot Ion:172 Resp: 521740
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.7 19.6 29.4

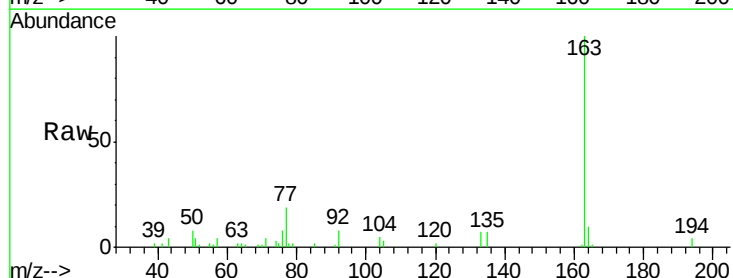


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

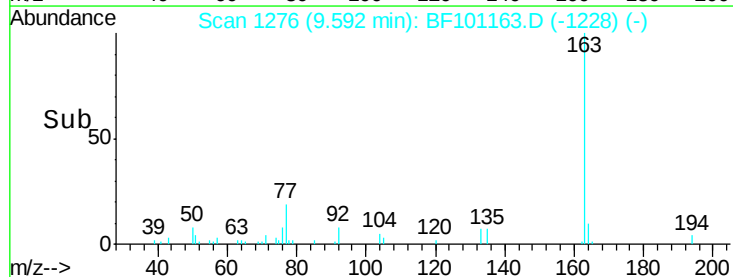
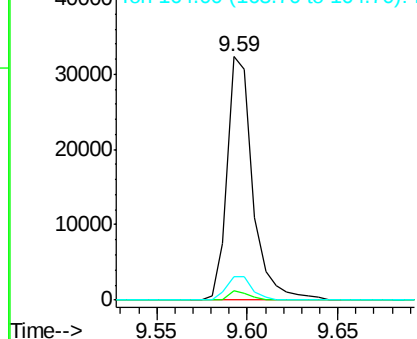


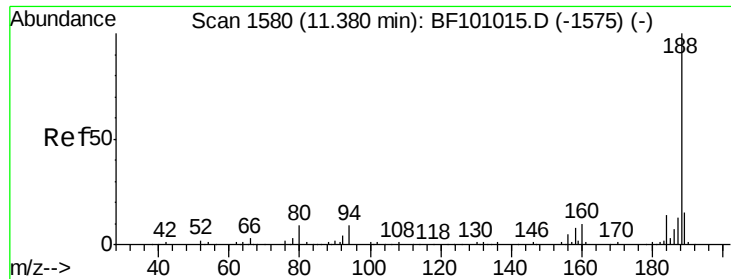
#49
Dimethylphthalate
Concen: 4.319 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Tgt Ion:163 Resp: 31869
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.7 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

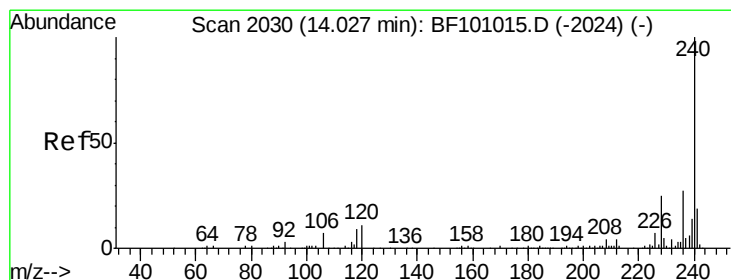
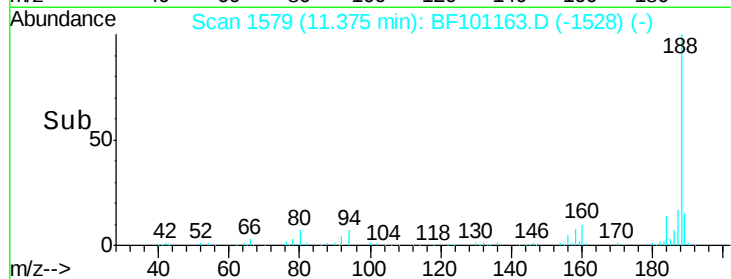
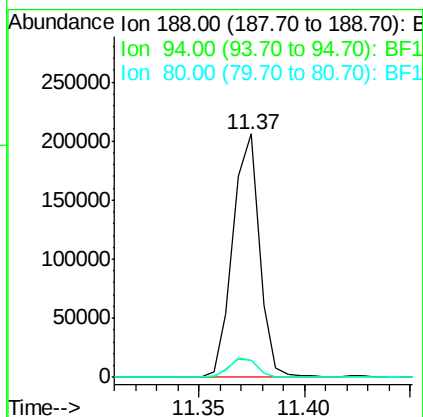
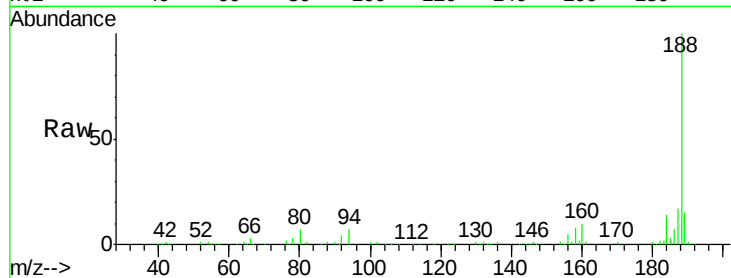




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101163.D
 Acq: 6 Dec 2017 13:16

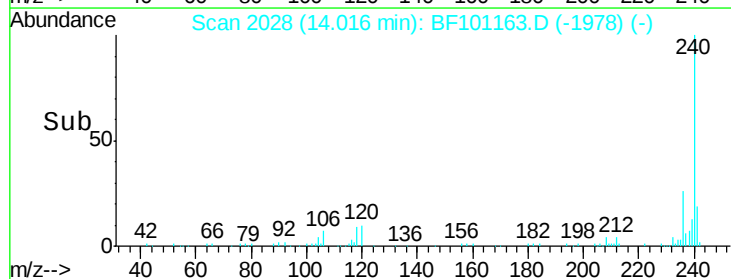
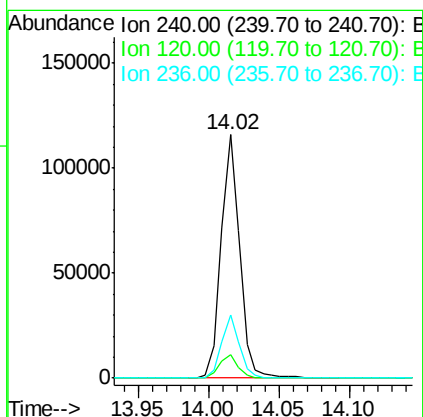
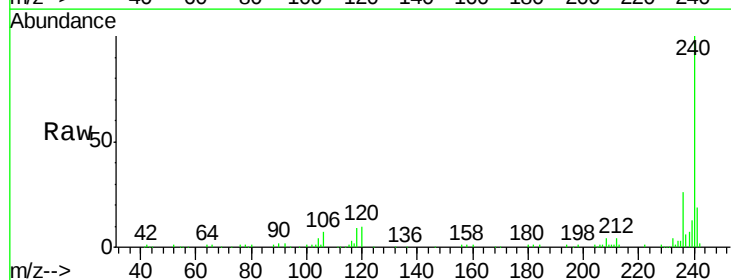
Instrument :
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 SB-4(10-12)-20171128

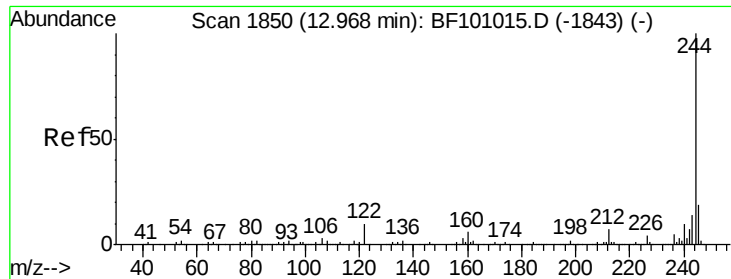
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.5	12.7#
80	7.2	9.2	13.8#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF101163.D
 Acq: 6 Dec 2017 13:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.9	20.7	31.1





#78

Terphenyl-d14

Concen: 101.816 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101163.D

Acq: 6 Dec 2017 13:16

Instrument :

BNA_F

ClientSampleId :

SB-4(10-12)-20171128

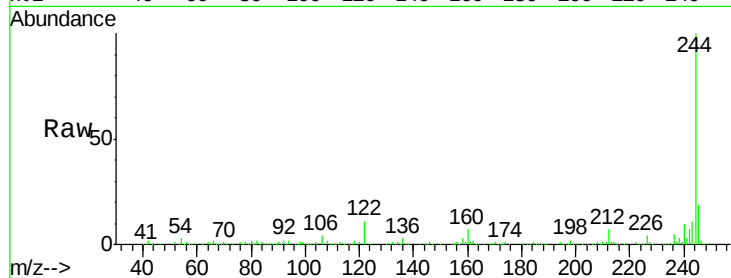
Tot Ion:244 Resp: 495434

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

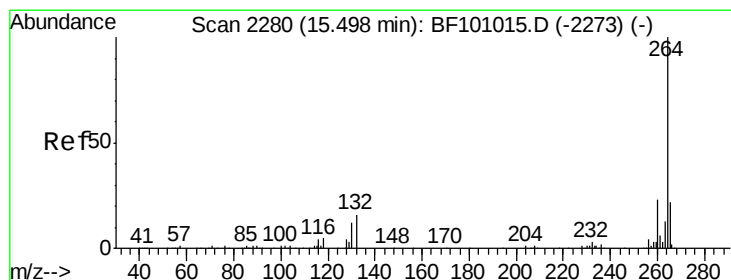
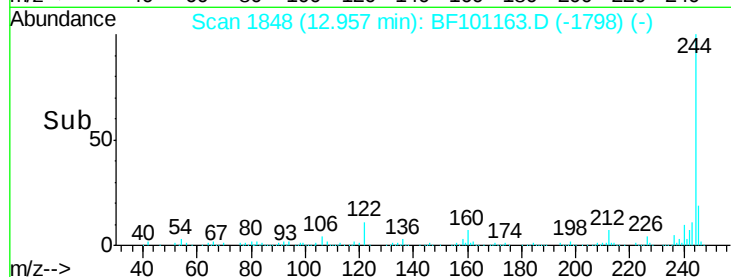
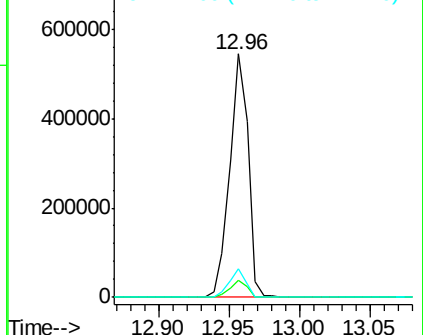
122 11.5 11.0 16.4



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. 0.00 min

Lab File: BF101163.D

Acq: 6 Dec 2017 13:16

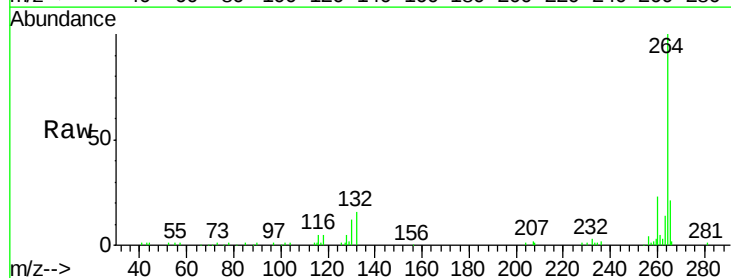
Tgt Ion:264 Resp: 102683

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.7 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

