

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101183.D
 Acq On : 6 Dec 2017 22:13
 Operator : SJ/JU
 Sample : I6708-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Dec 07 01:20:41 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

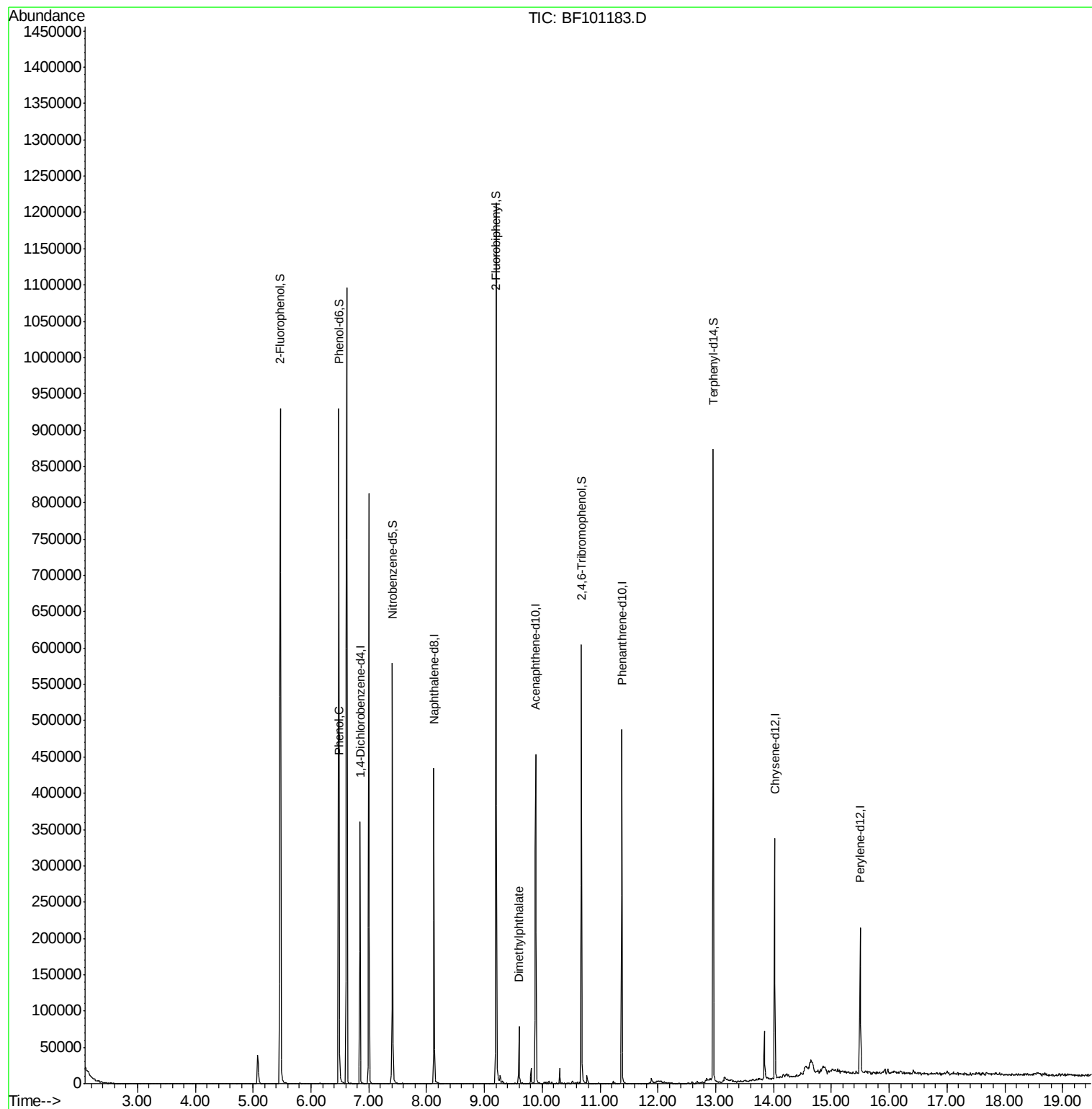
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	50385	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	194037	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	90938	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	167951	20.00	ng	0.00
75) Chrysene-d12	14.02	240	110092	20.00	ng	0.00
86) Perylene-d12	15.50	264	101958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	264848	86.86	ng	0.00
7) Phenol-d6	6.48	99	311923	84.26	ng	0.00
23) Nitrobenzene-d5	7.41	82	186662	57.39	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	78844	72.17	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	378888	57.01	ng	0.00
78) Terphenyl-d14	12.96	244	304462	60.49	ng	0.00
Target Compounds						
10) Phenol	6.49	94	10510	2.553	ng	96
49) Dimethylphthalate	9.60	163	36349	4.956	ng	98

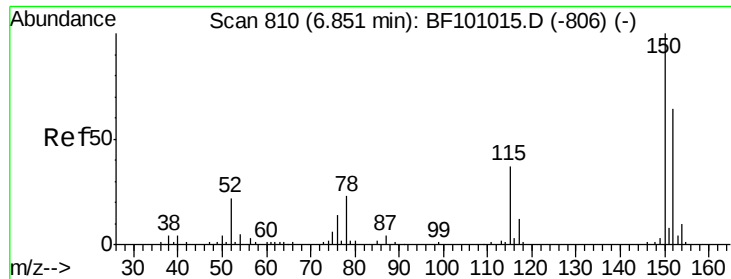
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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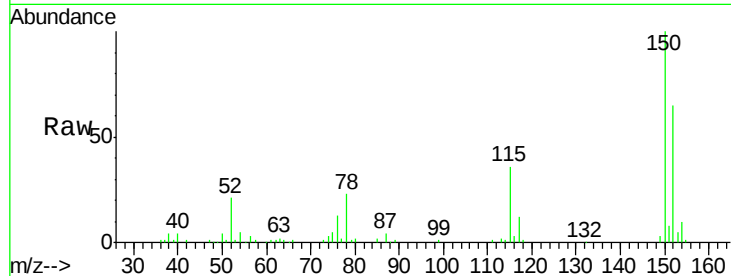


#1

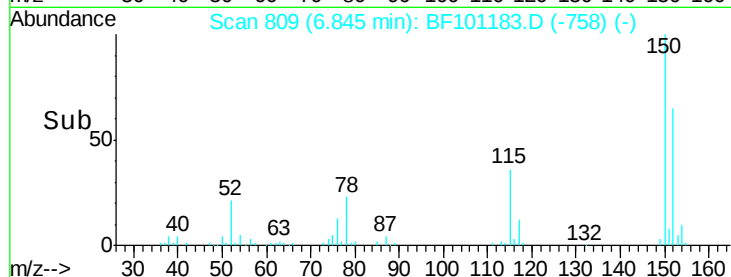
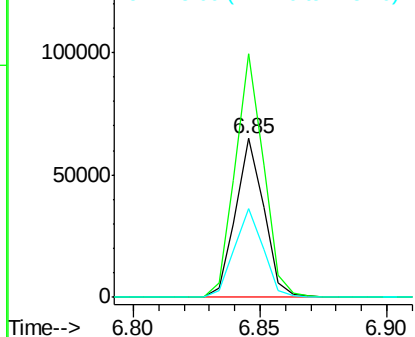
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101183.D
Acq: 6 Dec 2017 22:13

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion:152 Resp: 50385
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 55.8 50.1 75.1



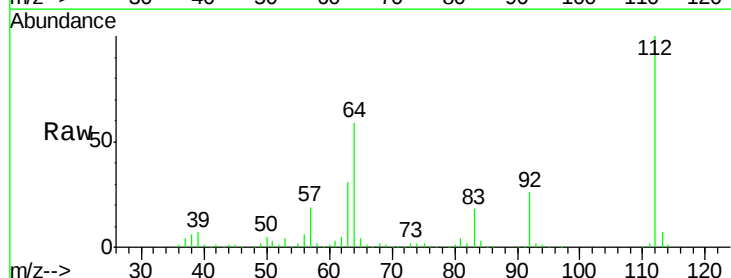
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



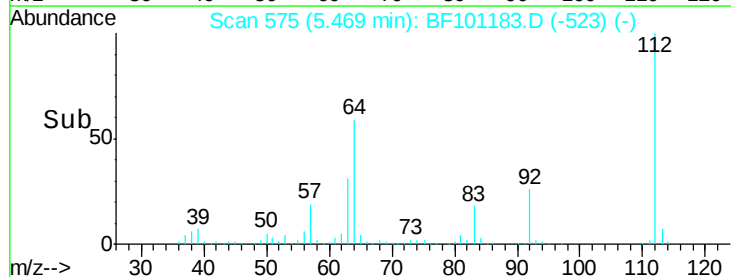
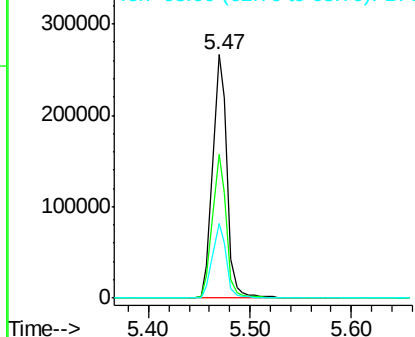
#5

2-Fluorophenol
Concen: 86.860 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101183.D
Acq: 6 Dec 2017 22:13

Tgt Ion:112 Resp: 264848
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 30.9 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: 84.260 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101183.D

Acq: 6 Dec 2017 22:13

Instrument :

BNA_F

ClientSampled :

SP-1

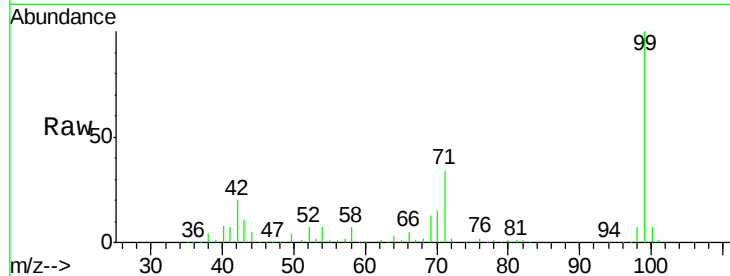
Tot Ion: 99 Resp: 311923

Ion Ratio Lower Upper

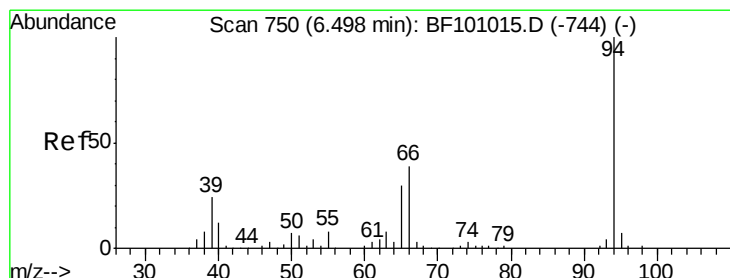
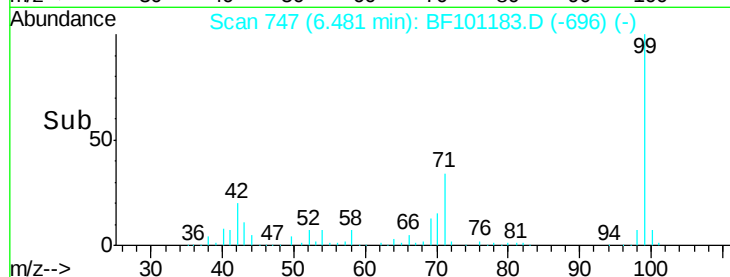
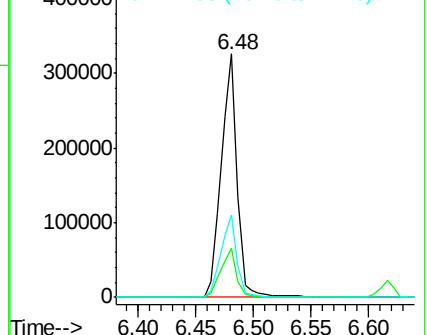
99 100

42 20.2 14.5 21.7

71 34.0 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: 2.553 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101183.D

Acq: 6 Dec 2017 22:13

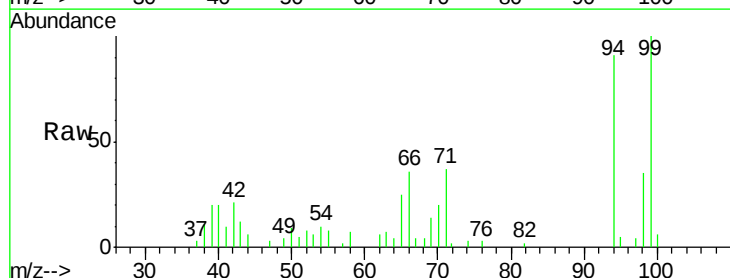
Tgt Ion: 94 Resp: 10510

Ion Ratio Lower Upper

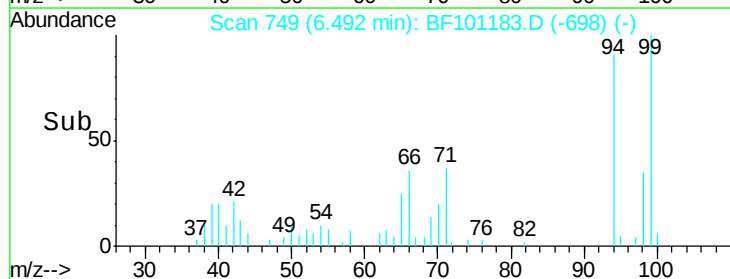
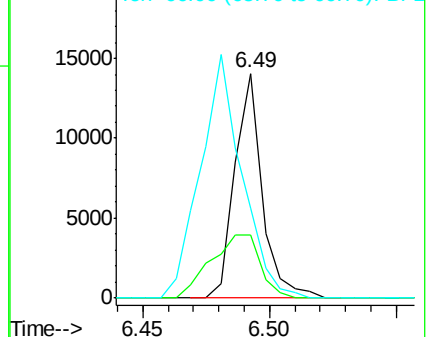
94 100

65 27.8 7.9 47.9

66 40.0 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

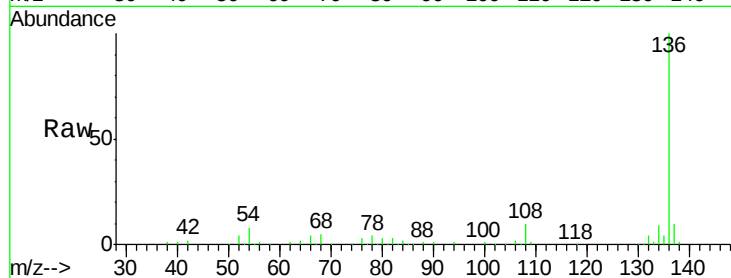




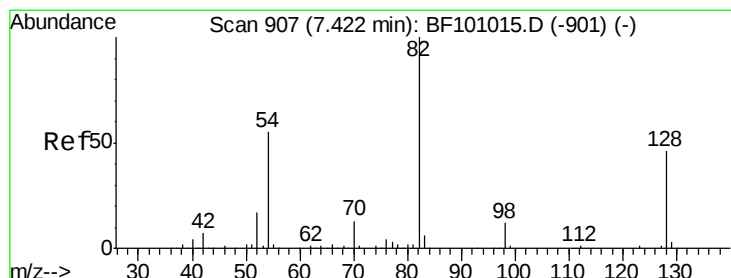
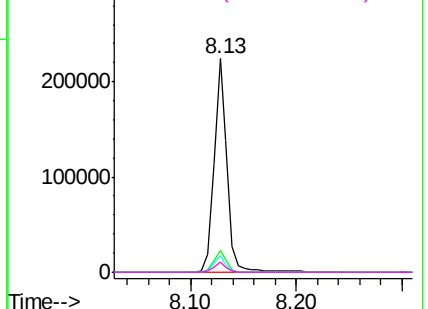
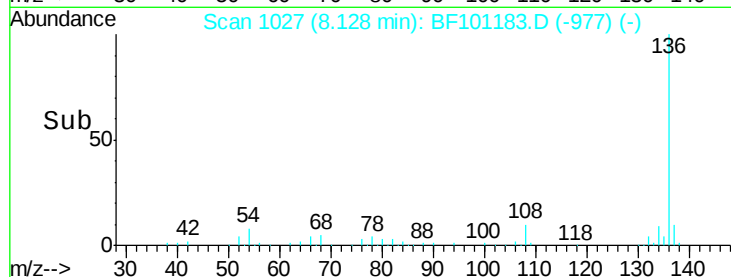
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101183.D
Acq: 6 Dec 2017 22:13

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion:136	Resp:	194037
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	7.6	6.6 9.8
68	4.7	5.0 7.4#

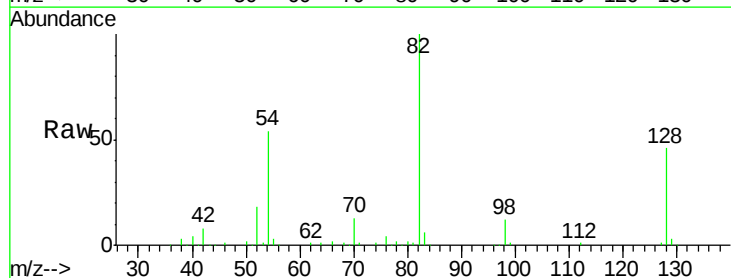


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

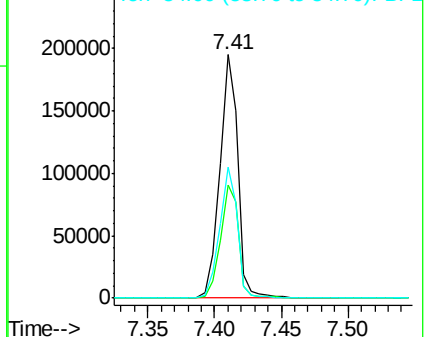
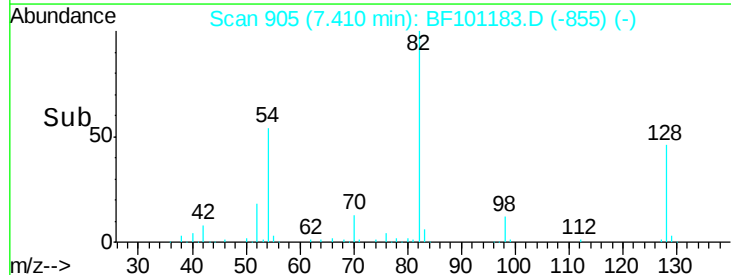


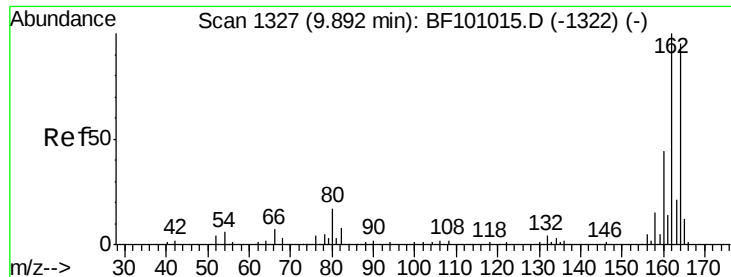
#23
Nitrobenzene-d5
Concen: 57.386 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101183.D
Acq: 6 Dec 2017 22:13

Tgt Ion: 82	Resp:	186662
Ion Ratio	Lower	Upper
82	100	
128	46.2	36.1 54.1
54	53.8	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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101183.D

Acq: 6 Dec 2017 22:13

Instrument :

BNA_F

ClientSampled :

SP-1

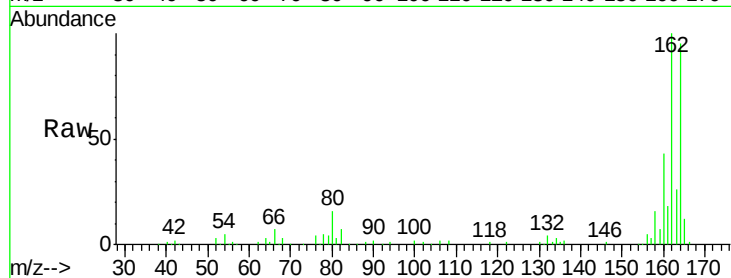
Tot Ion:164 Resp: 90938

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

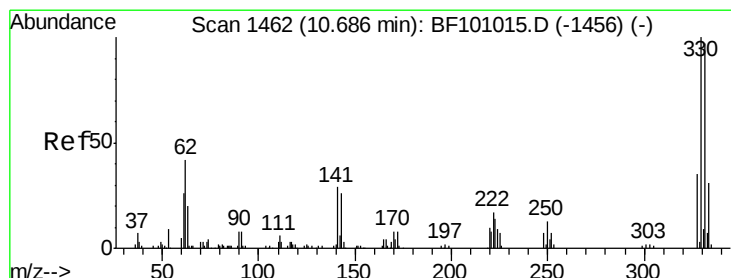
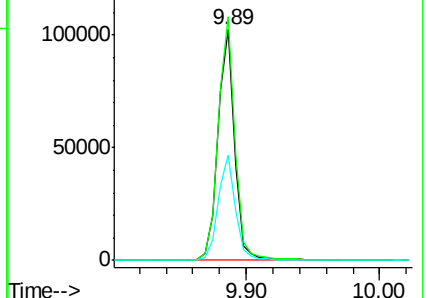
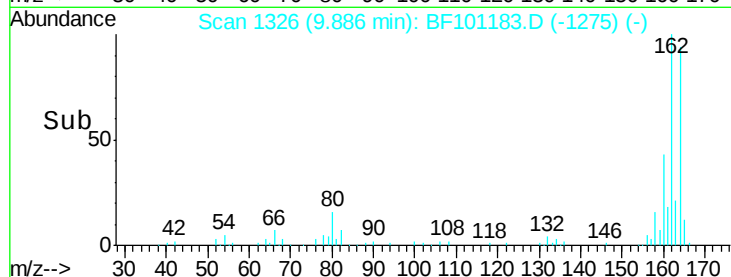
160 45.8 38.3 57.5



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: 72.173 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF101183.D

Acq: 6 Dec 2017 22:13

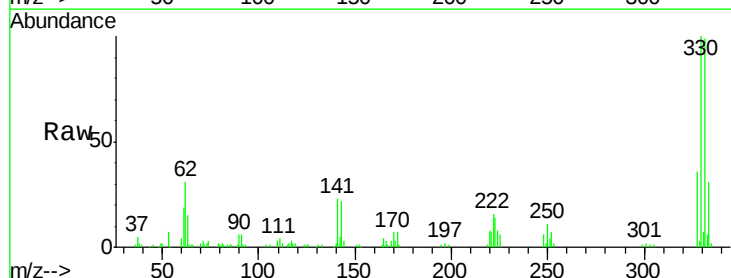
Tgt Ion:330 Resp: 78844

Ion Ratio Lower Upper

330 100

332 99.2 77.0 115.6

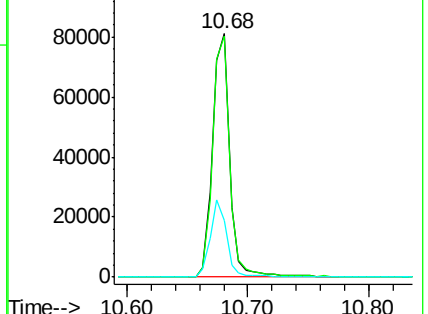
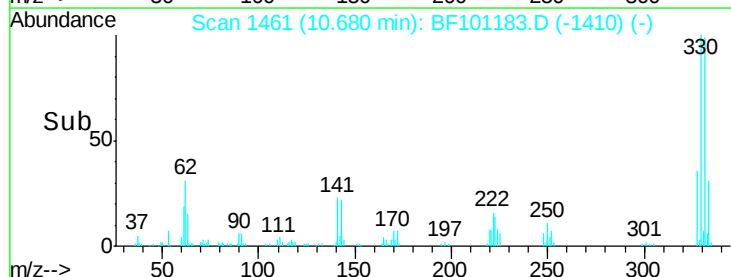
141 30.1 29.9 44.9

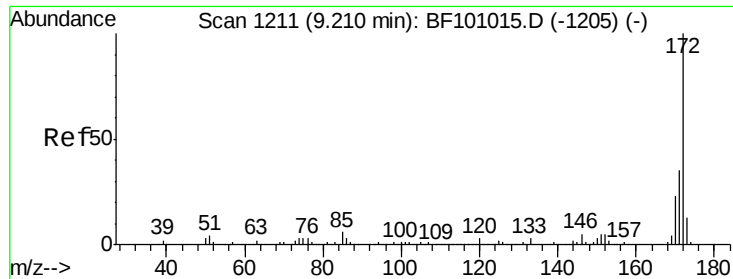


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

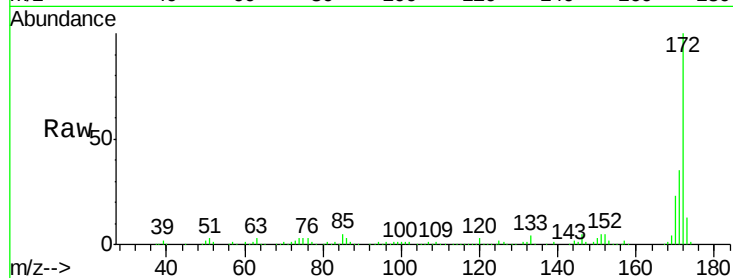




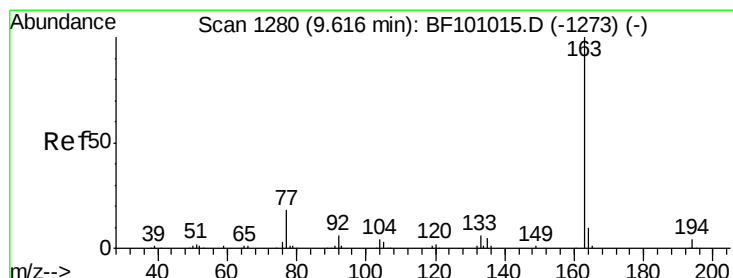
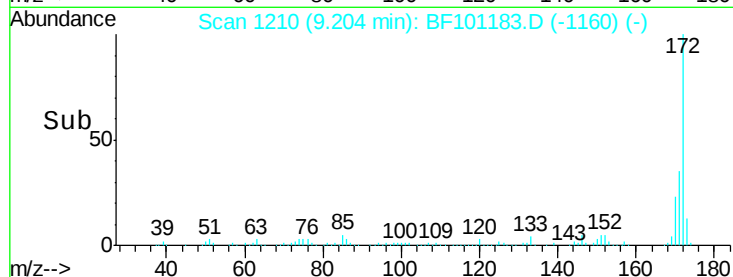
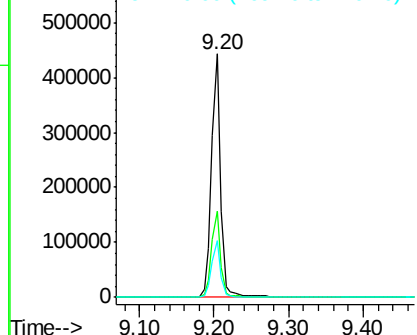
#44
2-Fluorobiphenyl
Concen: 57.005 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101183.D
Acq: 6 Dec 2017 22:13

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion:172 Resp: 378888
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.3 19.6 29.4

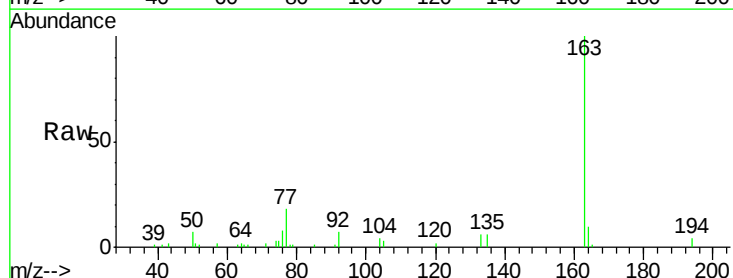


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

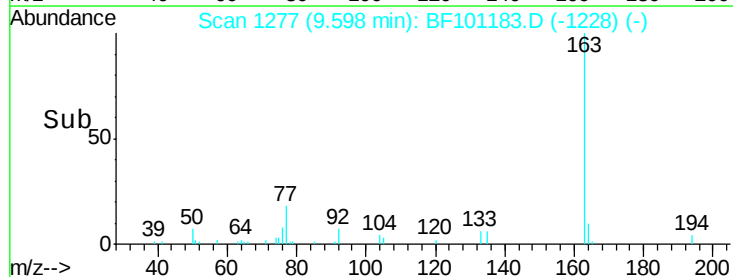
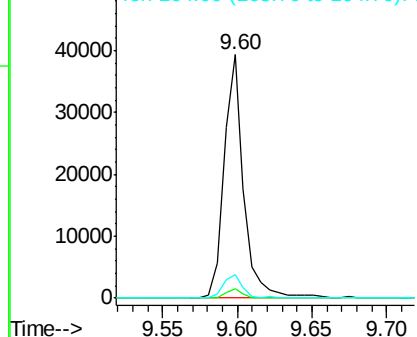


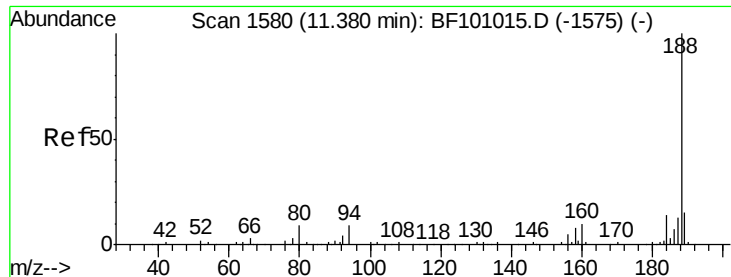
#49
Dimethylphthalate
Concen: 4.956 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101183.D
Acq: 6 Dec 2017 22:13

Tgt Ion:163 Resp: 36349
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.6 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

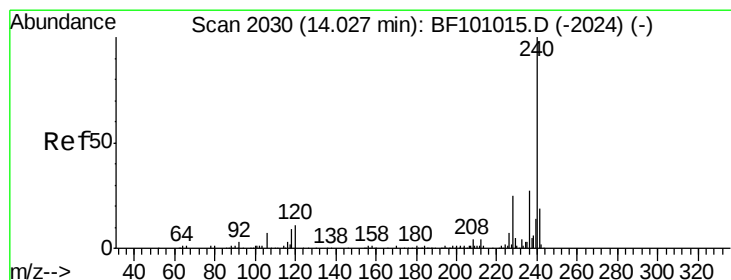
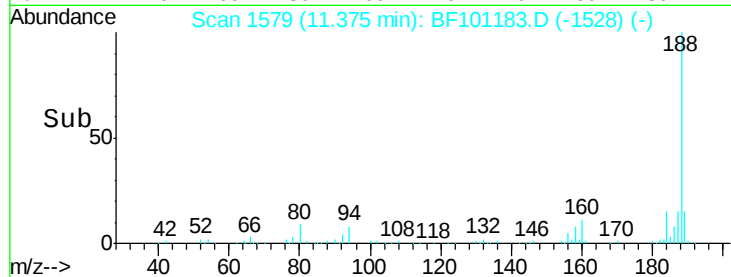
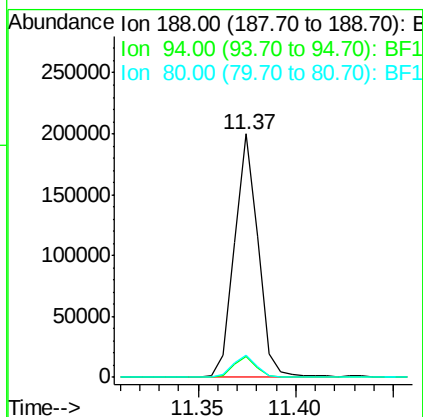
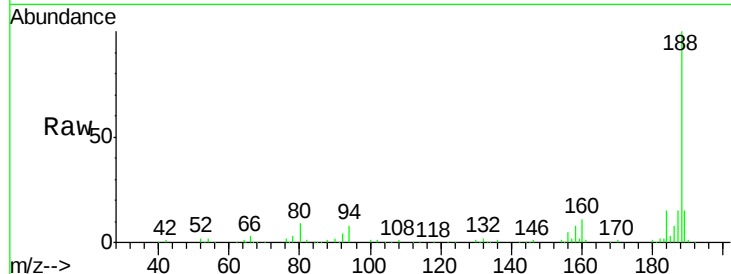




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101183.D
Acq: 6 Dec 2017 22:13

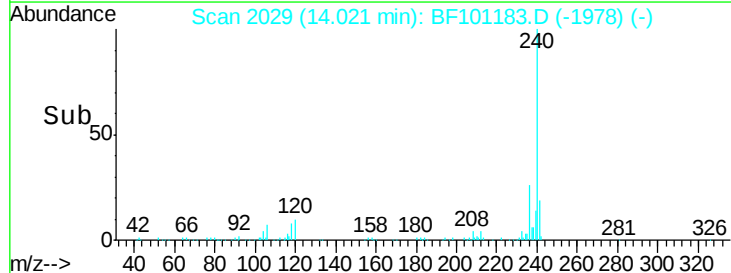
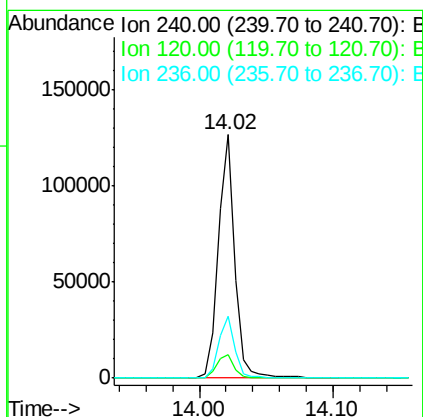
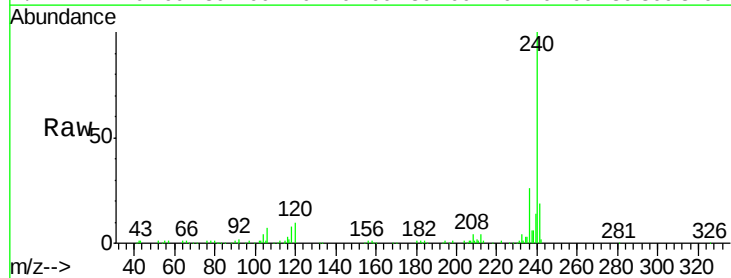
Instrument :
BNA_F
ClientSampleId :
SP-1

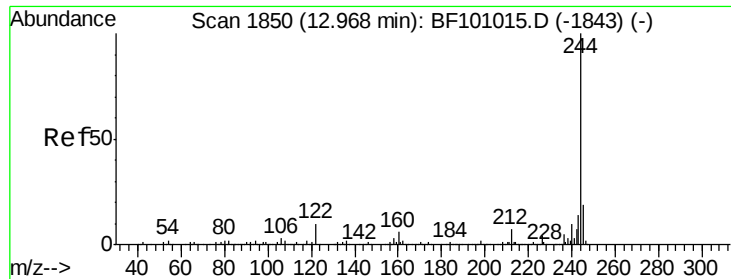
Tot Ion:188 Resp: 167951
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101183.D
Acq: 6 Dec 2017 22:13

Tgt Ion:240 Resp: 110092
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 60.489 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101183.D

Acq: 6 Dec 2017 22:13

Instrument :

BNA_F

ClientSampleId :

SP-1

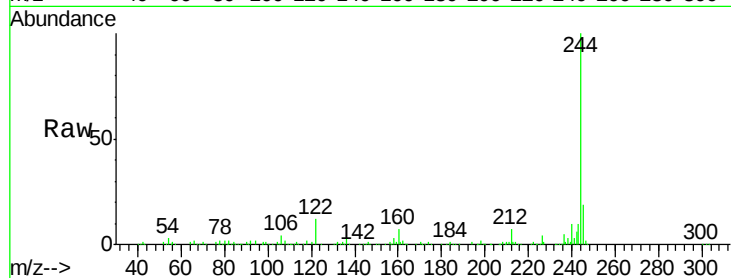
Tot Ion:244 Resp: 304462

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

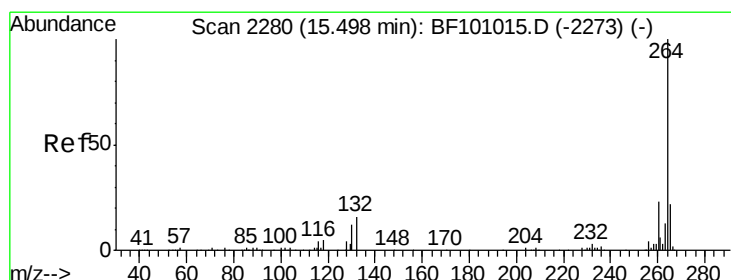
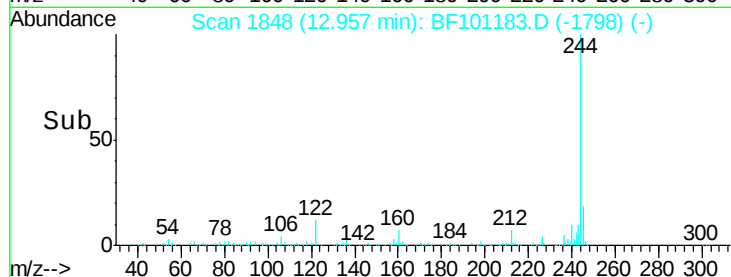
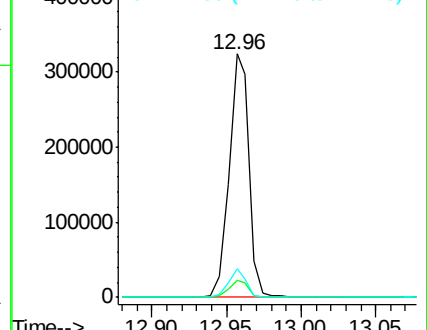
122 11.5 11.0 16.4



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: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101183.D

Acq: 6 Dec 2017 22:13

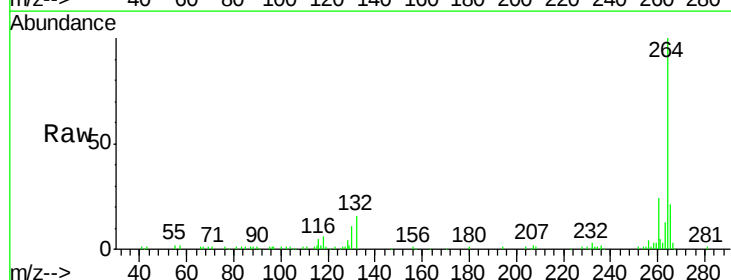
Tgt Ion:264 Resp: 101958

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.3 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

