

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
 Data File : BF101800.D
 Acq On : 28 Dec 2017 14:16
 Operator : SJ/JU
 Sample : I6970-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1-0-5

Quant Time: Dec 28 15:34:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

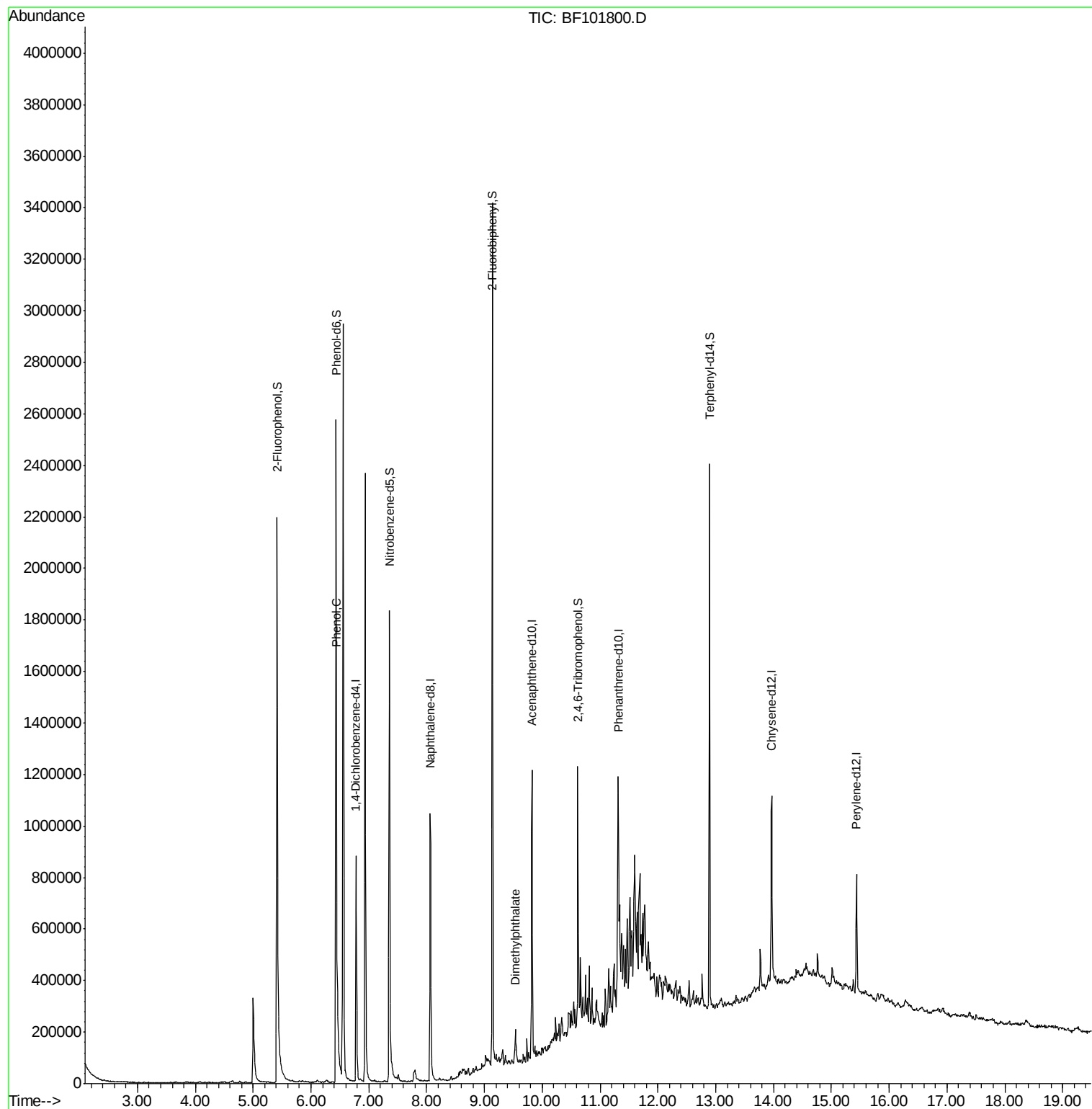
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	144871	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	553673	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	217677	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	325030	20.00	ng	0.00
75) Chrysene-d12	13.97	240	277547	20.00	ng	0.00
86) Perylene-d12	15.44	264	252074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	891363	91.65	ng	0.00
7) Phenol-d6	6.43	99	1123484	92.82	ng	0.00
23) Nitrobenzene-d5	7.36	82	700732	70.45	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	142524	67.95	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1098548	78.29	ng	0.00
78) Terphenyl-d14	12.89	244	757587	65.80	ng	0.00
Target Compounds						
10) Phenol	6.45	94	42239	3.062	ng	Qvalue # 61
49) Dimethylphthalate	9.54	163	56694	3.238	ng	100

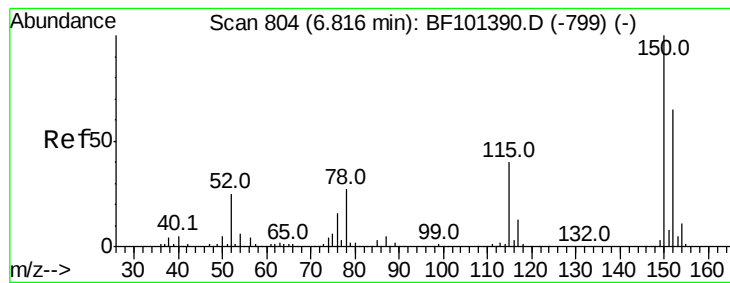
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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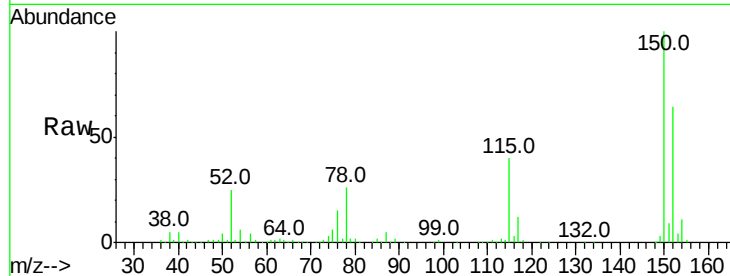


#1

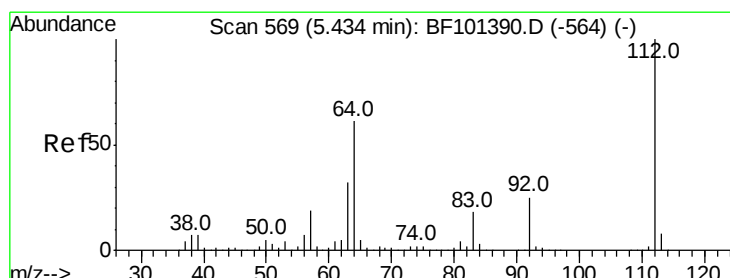
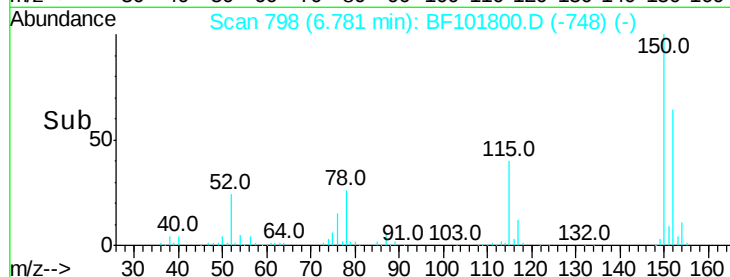
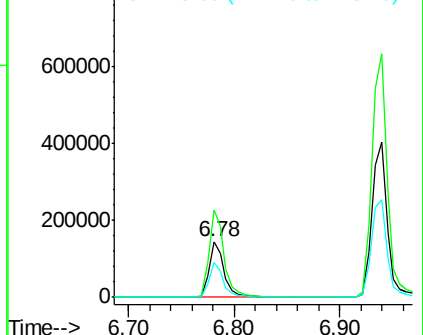
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :
S1-0-5

Tot Ion:152 Resp: 144871
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 61.7 50.1 75.1



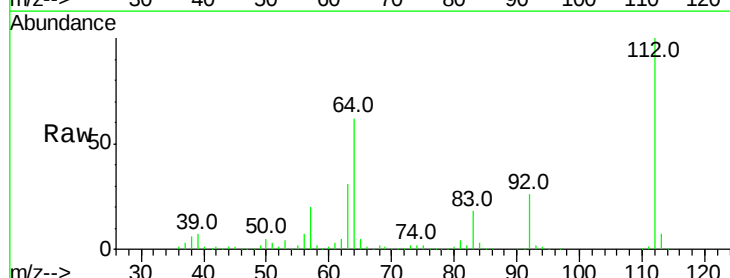
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



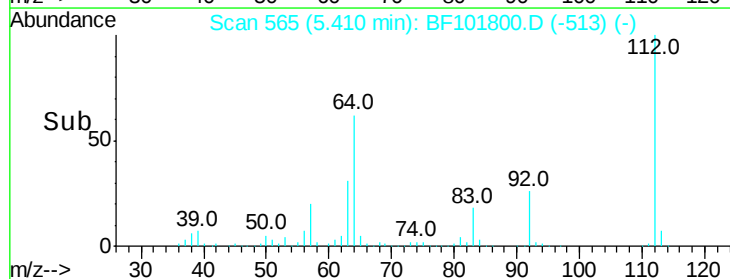
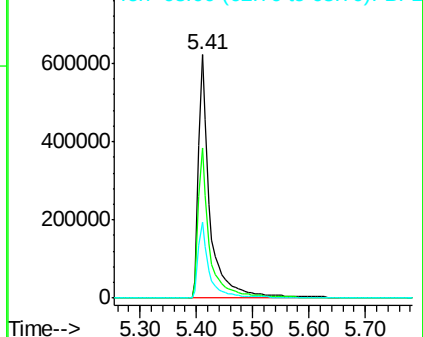
#5

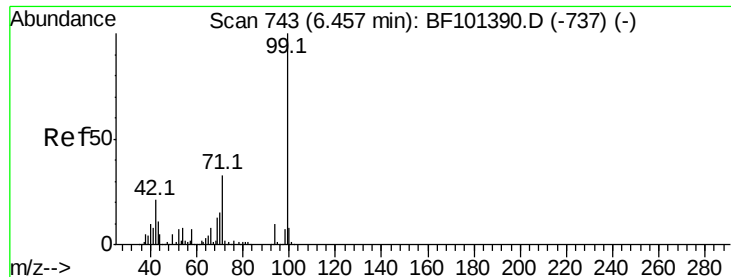
2-Fluorophenol
Concen: 91.651 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Tgt Ion:112 Resp: 891363
Ion Ratio Lower Upper
112 100
64 61.9 47.9 71.9
63 31.3 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: 92.820 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101800.D

Acq: 28 Dec 2017 14:16

Instrument :

BNA_F

ClientSampleId :

S1-0-5

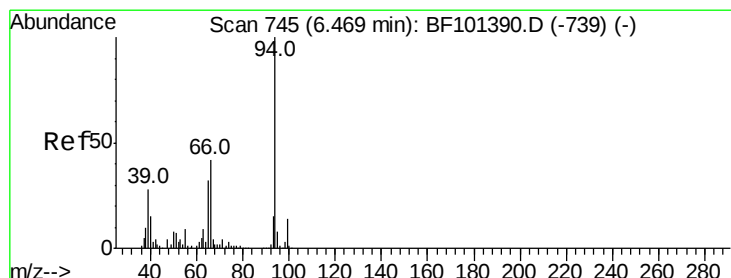
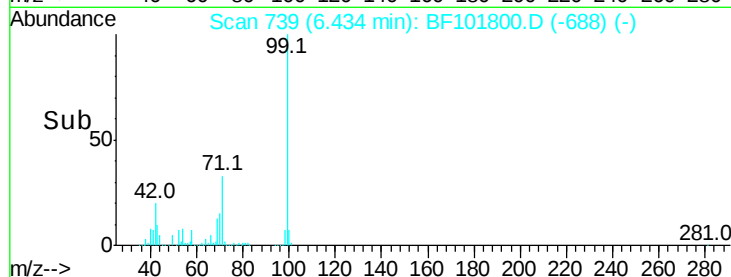
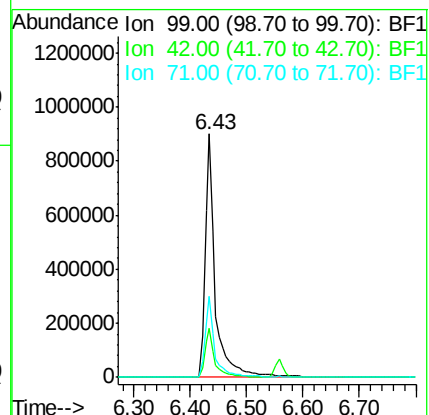
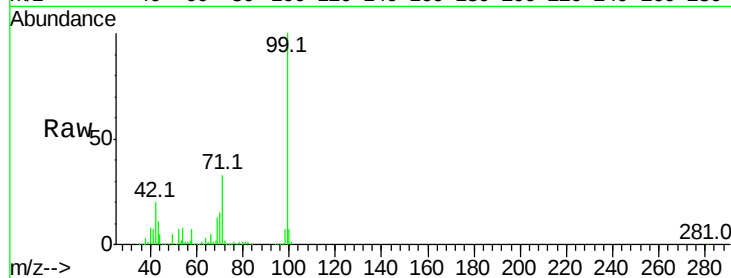
Tot Ion: 99 Resp: 1123484

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 33.4 25.4 38.0



#10

Phenol

Concen: 3.062 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF101800.D

Acq: 28 Dec 2017 14:16

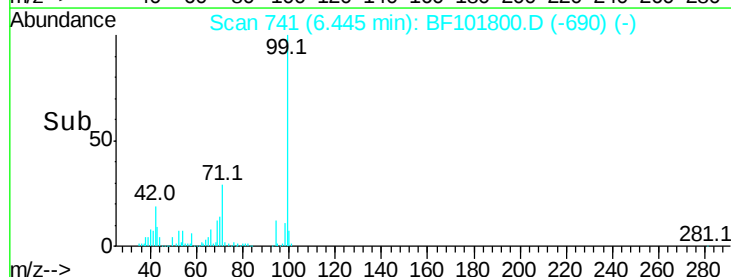
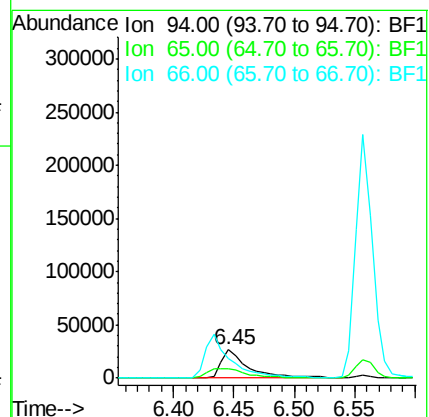
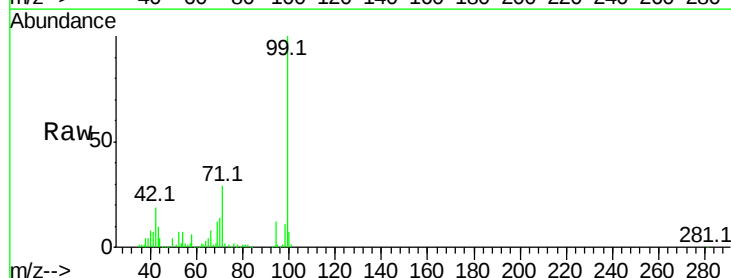
Tgt Ion: 94 Resp: 42239

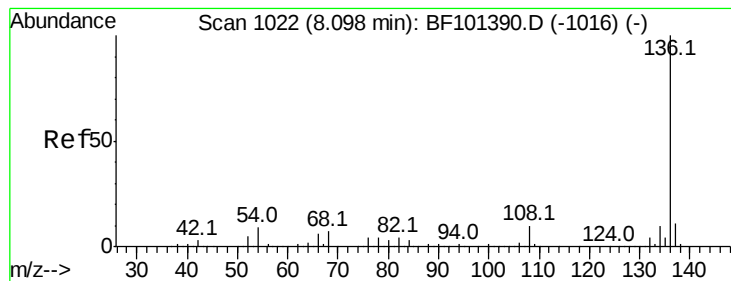
Ion Ratio Lower Upper

94 100

65 34.3 7.9 47.9

66 71.5 16.2 56.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF101800.D

Acq: 28 Dec 2017 14:16

Instrument :

BNA_F

ClientSampleId :

S1-0-5

Tot Ion:136 Resp: 553673

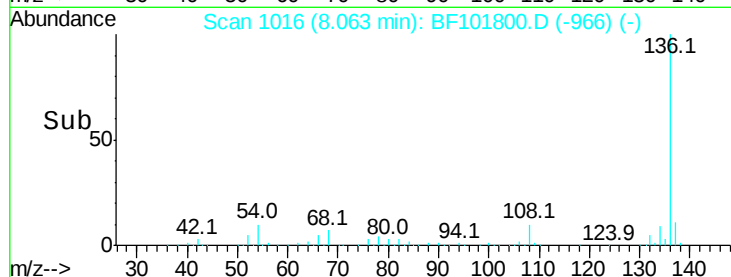
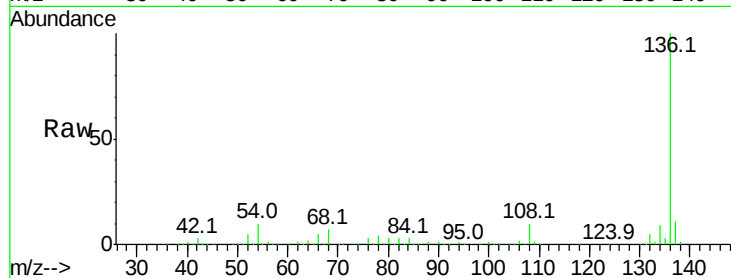
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.6 6.6 9.8

68 7.3 5.0 7.4

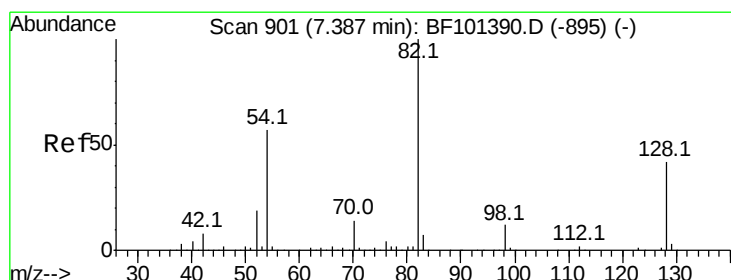
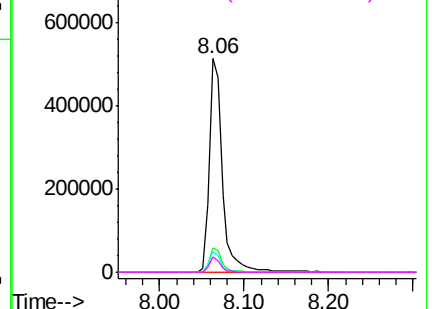


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.451 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF101800.D

Acq: 28 Dec 2017 14:16

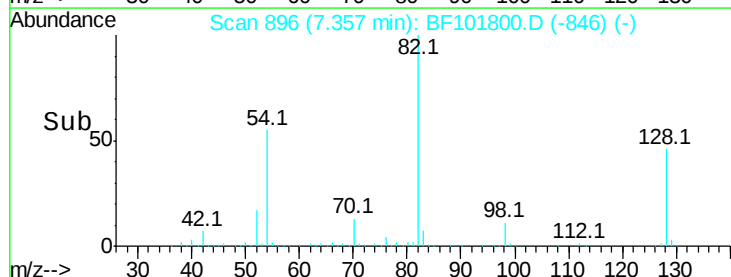
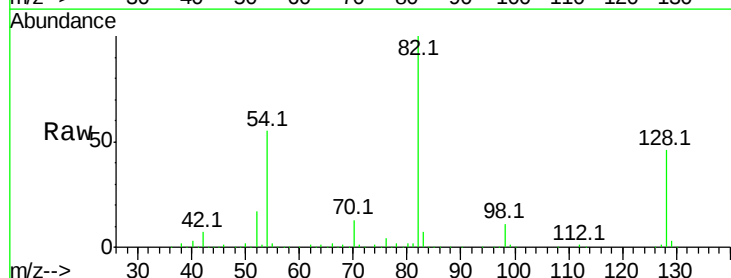
Tgt Ion: 82 Resp: 700732

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

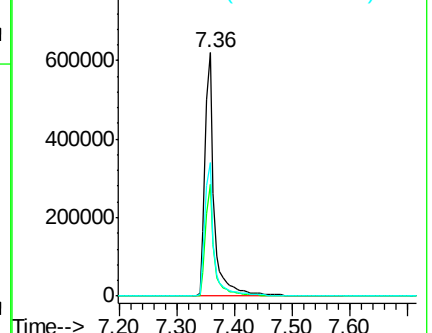
54 54.7 41.4 62.2

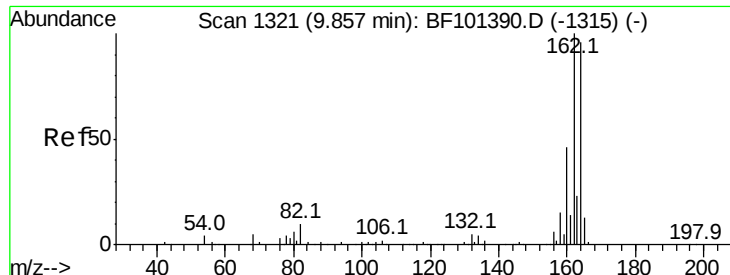


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

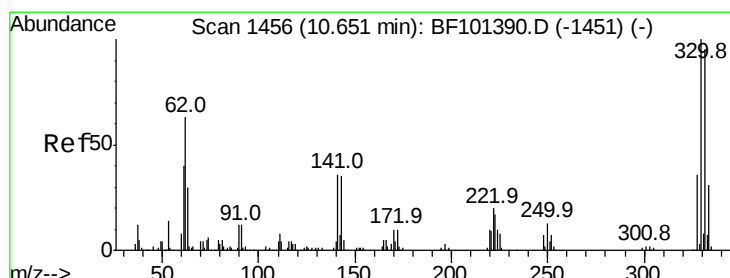
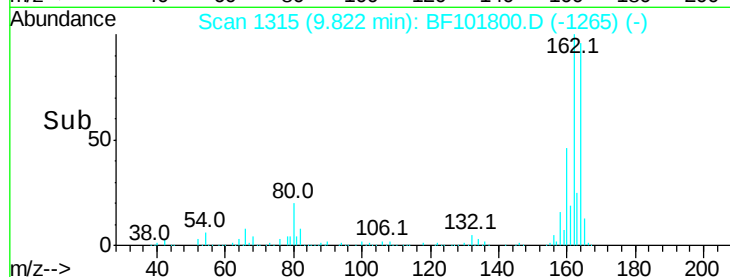
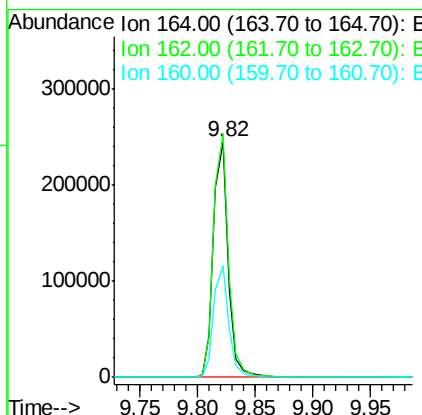
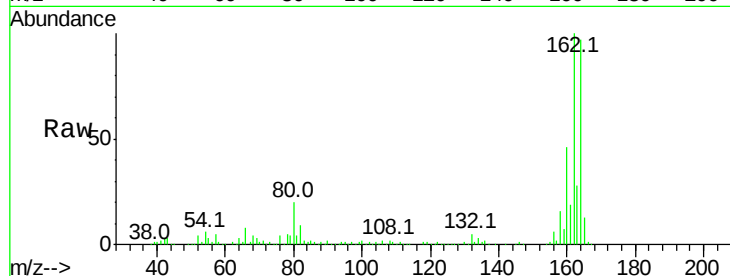




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101800.D
 Acq: 28 Dec 2017 14:16

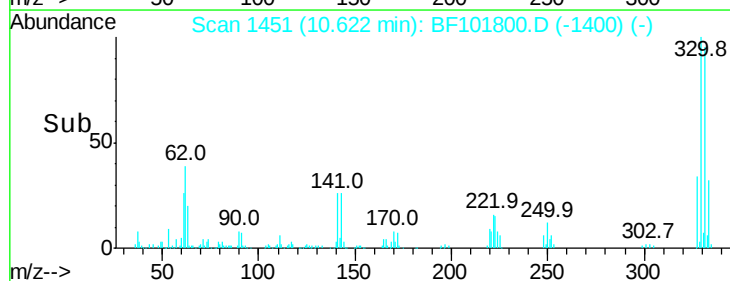
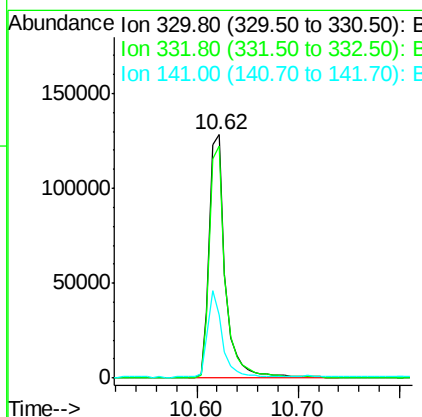
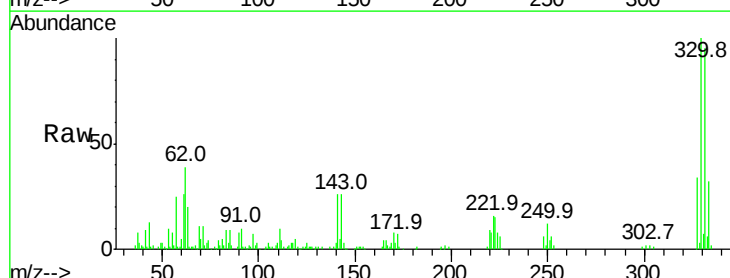
Instrument :
 BNA_F
 ClientSampleId :
 S1-0-5

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.4	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 67.950 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101800.D
 Acq: 28 Dec 2017 14:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	32.6	29.9	44.9



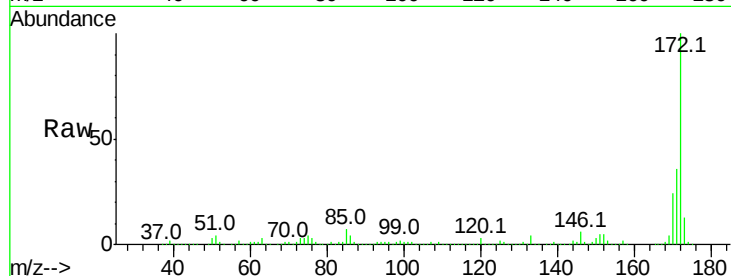


#44
 2-Fluorobiphenyl
 Concen: 78.286 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101800.D
 Acq: 28 Dec 2017 14:16

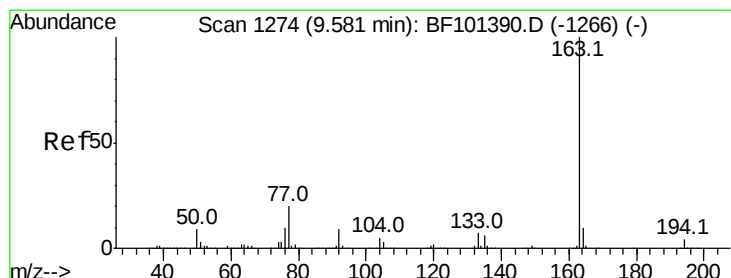
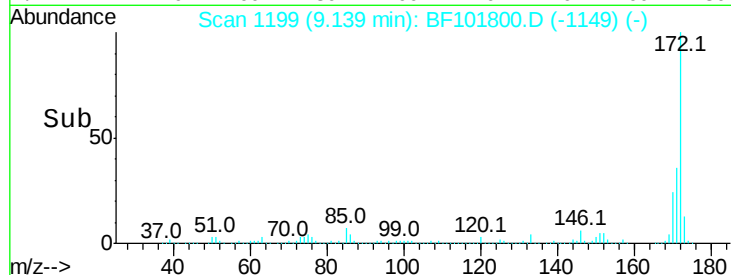
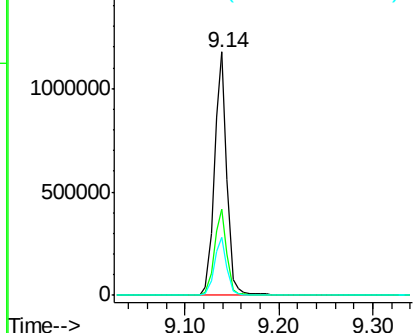
Instrument :
 BNA_F
 ClientSampleId :
 S1-0-5

Tot Ion:172 Resp: 1098548

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	19.6	29.4



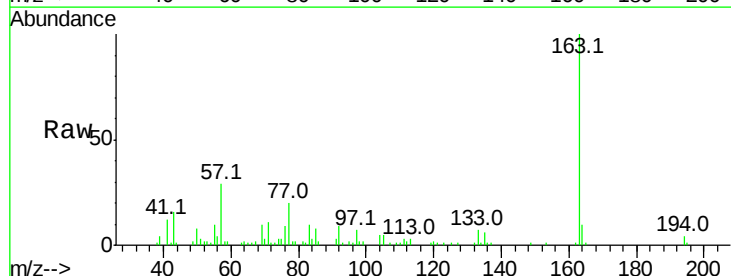
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



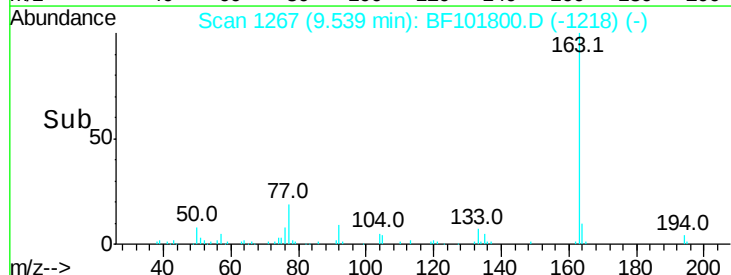
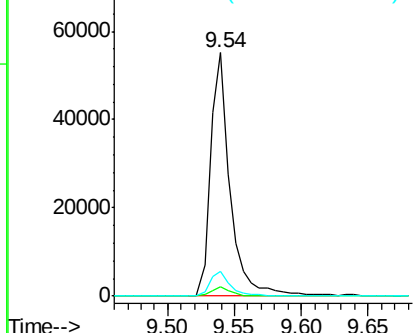
#49
 Dimethylphthalate
 Concen: 3.238 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF101800.D
 Acq: 28 Dec 2017 14:16

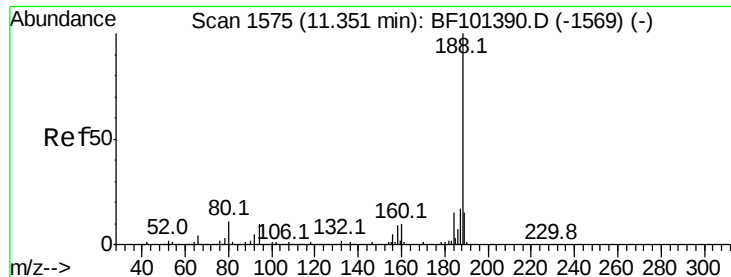
Tgt Ion:163 Resp: 56694

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.1	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

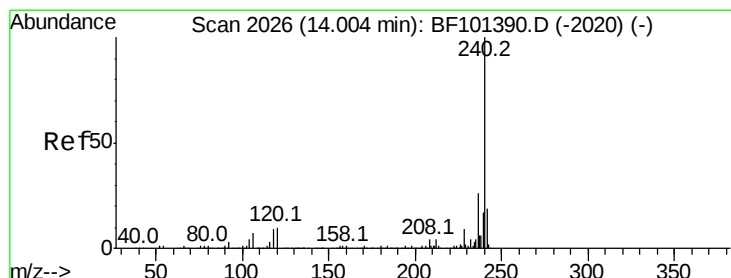
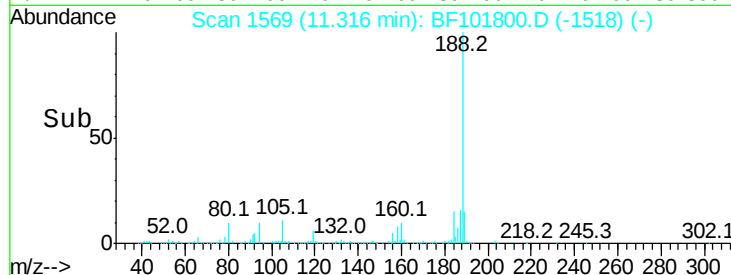
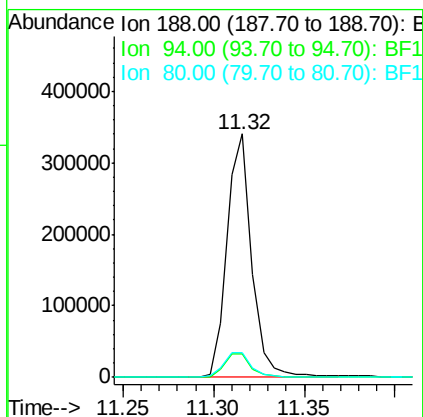
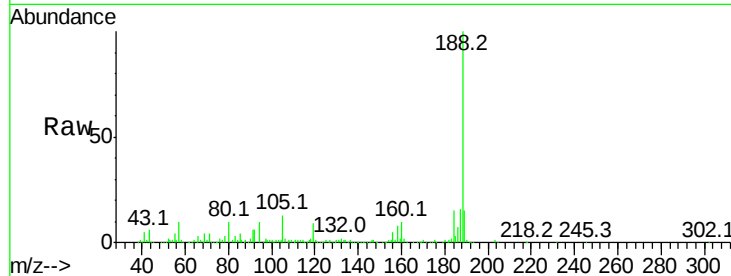




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

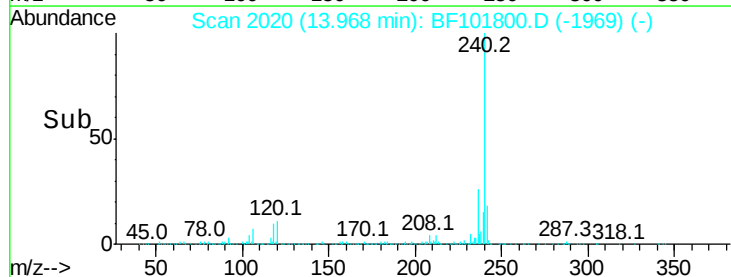
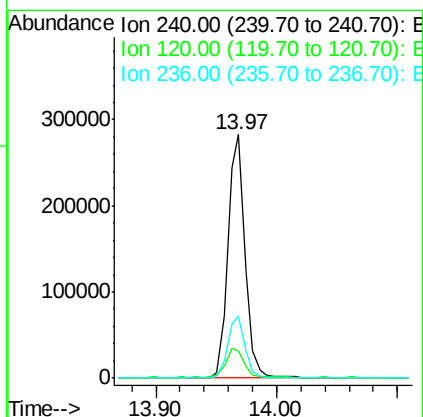
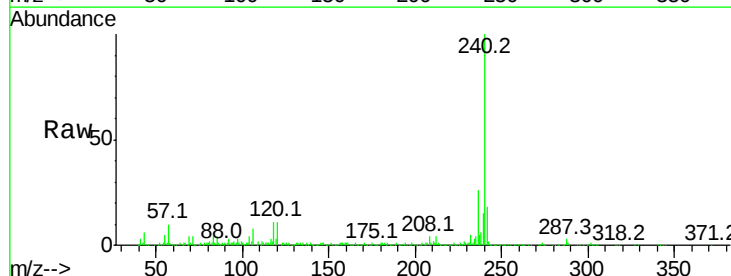
Instrument :
BNA_F
ClientSampleId :
S1-0-5

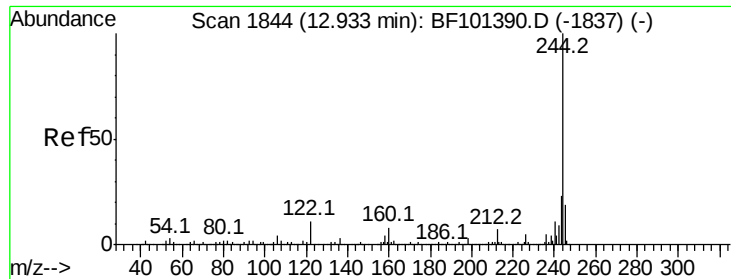
Tot Ion:188 Resp: 325030
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Tgt Ion:240 Resp: 277547
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 25.6 20.7 31.1

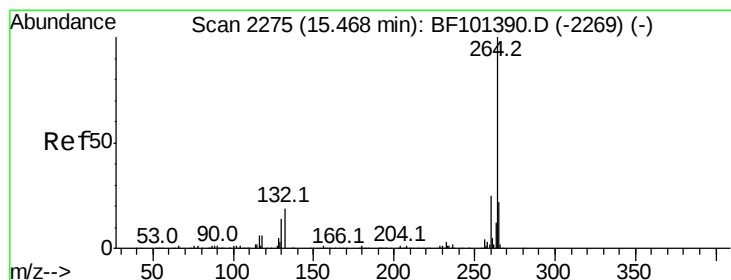
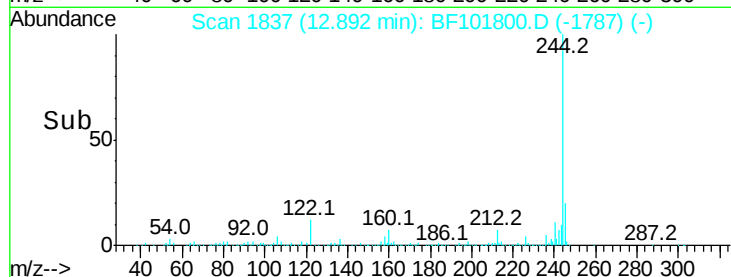
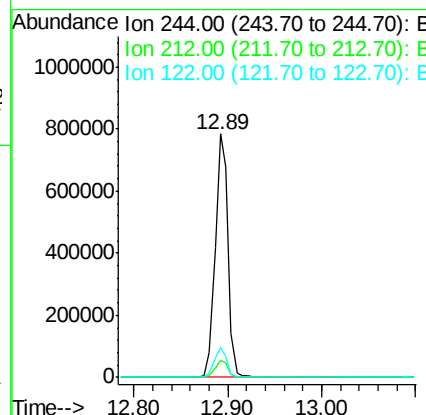
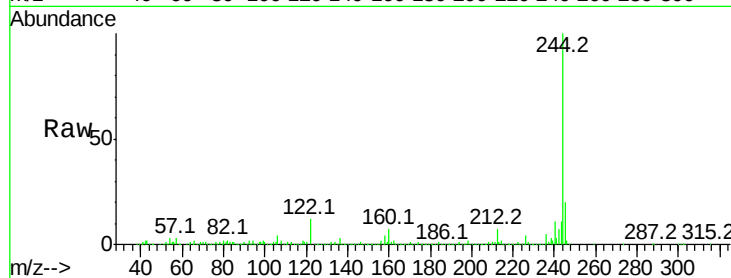




#78
 Terphenyl-d14
 Concen: 65.804 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF101800.D
 Acq: 28 Dec 2017 14:16

Instrument :
 BNA_F
 ClientSampled :
 S1-0-5

Tot Ion:244 Resp: 757587
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF101800.D
 Acq: 28 Dec 2017 14:16

Tgt Ion:264 Resp: 252074
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 22.2 17.5 26.3

