

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 :

Quant Time: Dec 28 15:32:31 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

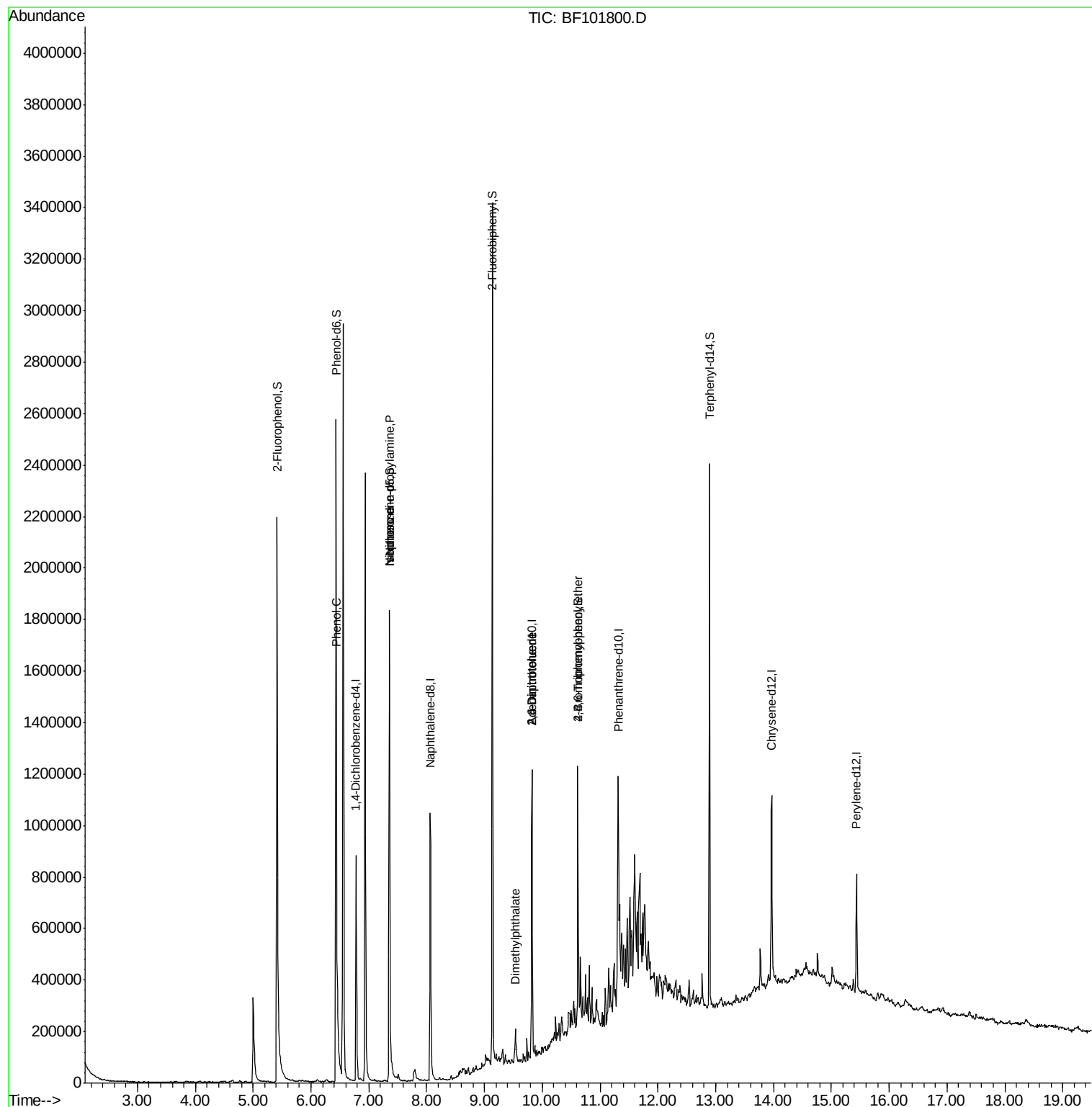
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	144871	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	553673	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	217677	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	325030	20.00	ng	0.00
75) Chrysene-d12	13.97	240	277547	20.00	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	# 61
19) n-Nitroso-di-n-propylamine	7.36	70	92487	11.635	ng	# 81
25) Isophorone	7.36	82	700732	35.119	ng	# 64
49) Dimethylphthalate	9.54	163	56694	3.238	ng	100
50) 2,6-Dinitrotoluene	9.82	165	28444	7.993	ng	# 26
56) 2,4-Dinitrotoluene	9.82	165	28444	7.094	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	8729	2.390	ng	# 1

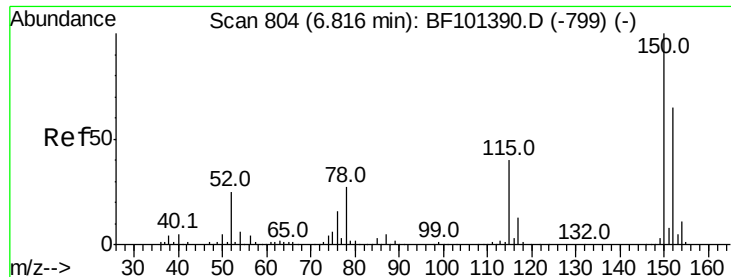
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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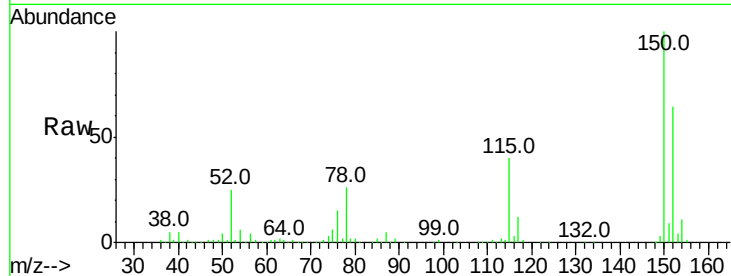


#1

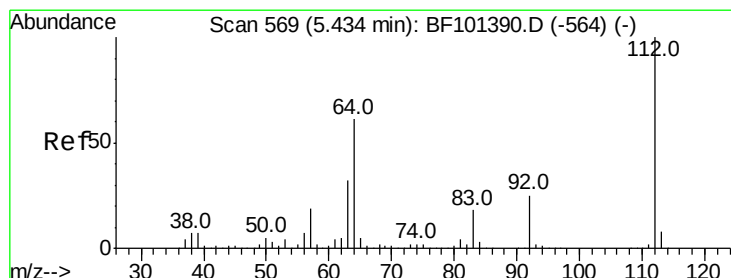
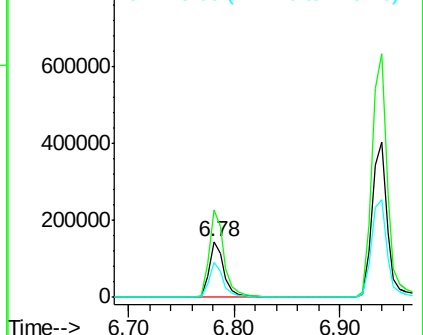
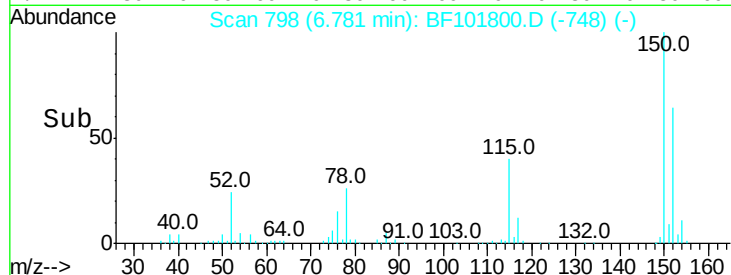
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :

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



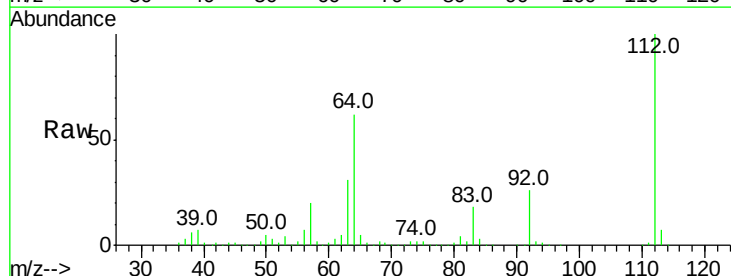
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



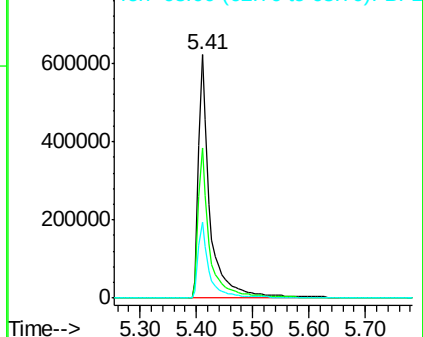
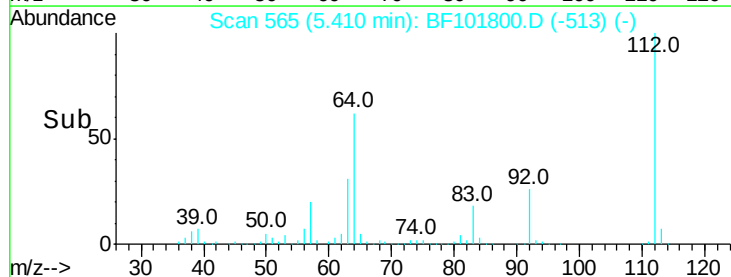
#5

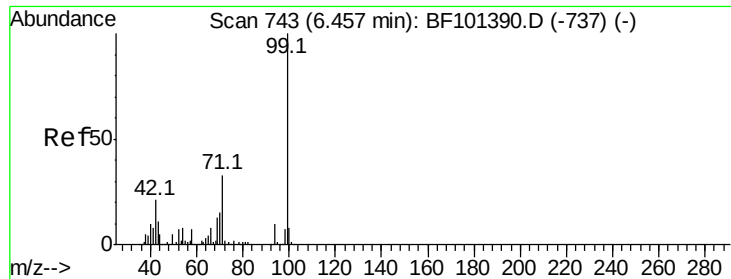
2-Fluorophenol
Concen: 91.651 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

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 :

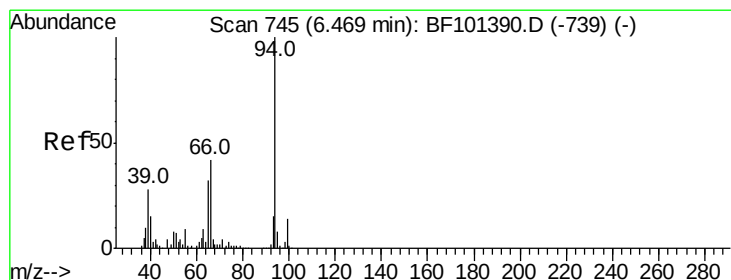
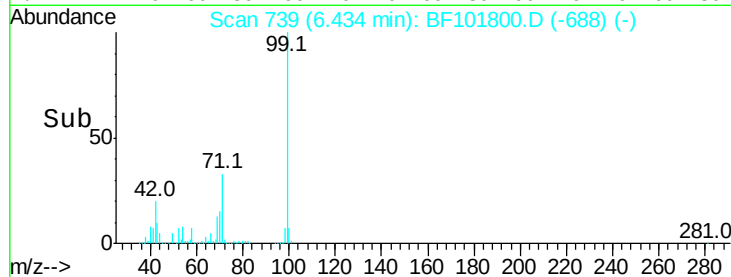
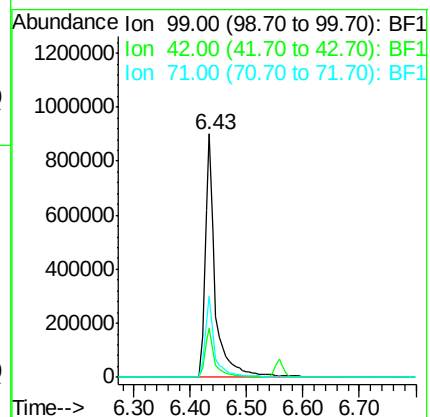
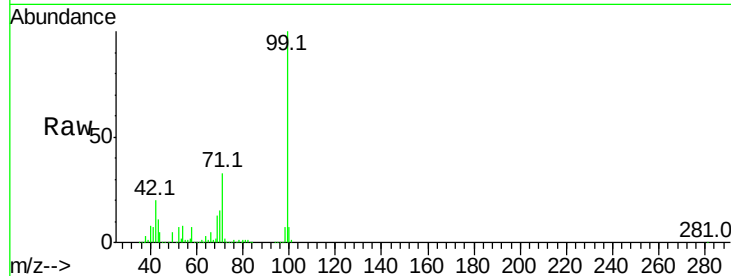
Tot Ion: 99 Resp: 1123484

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

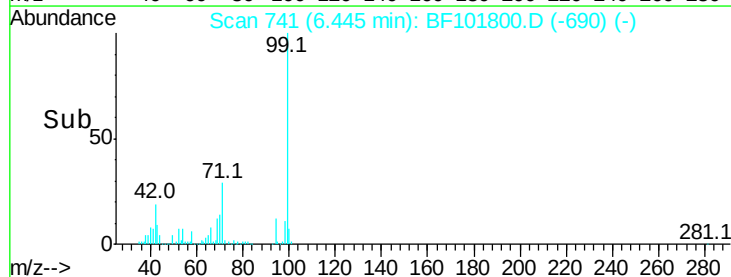
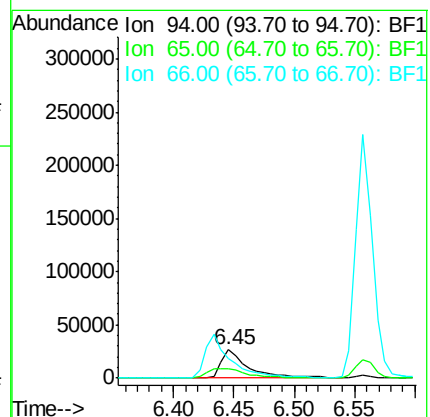
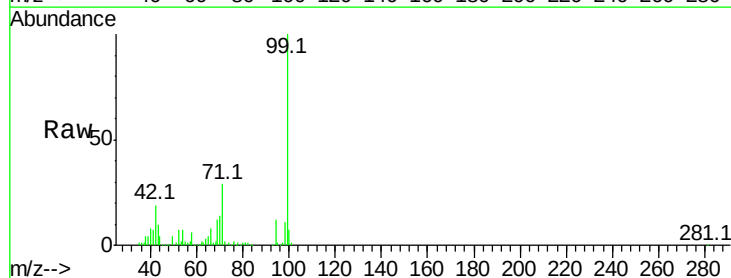
Tgt Ion: 94 Resp: 42239

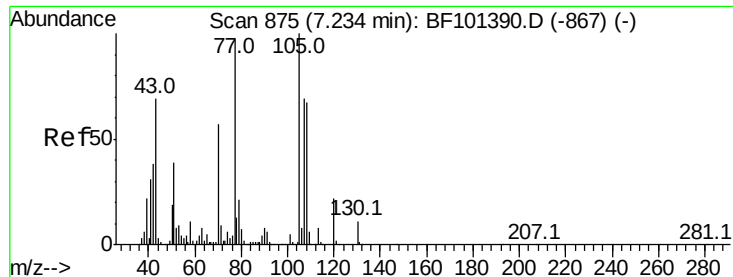
Ion Ratio Lower Upper

94 100

65 34.3 7.9 47.9

66 71.5 16.2 56.2#





#19

n-Nitroso-di-n-propylamine

Concen: 11.635 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

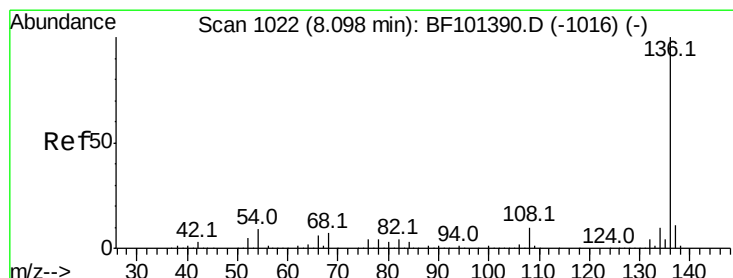
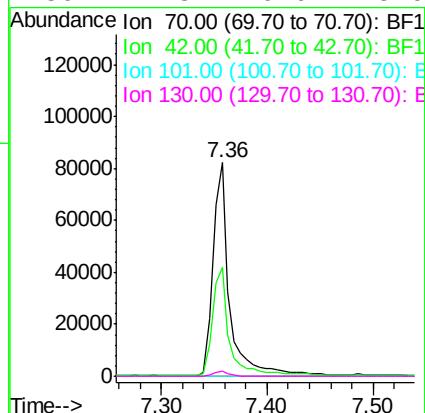
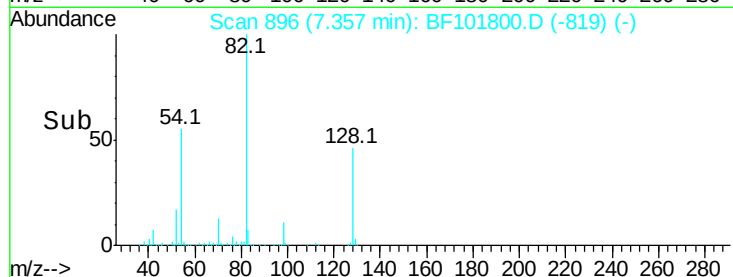
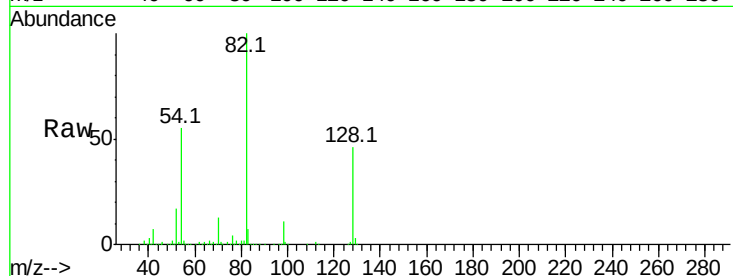
Lab File: BF101800.D

Acq: 28 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 92487

Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

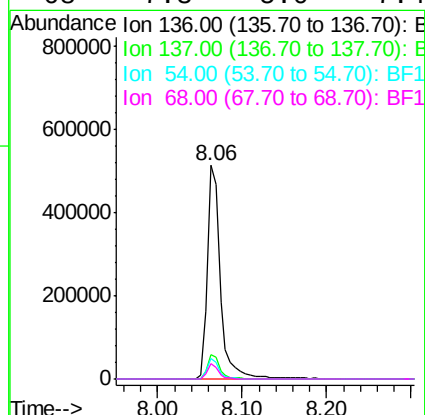
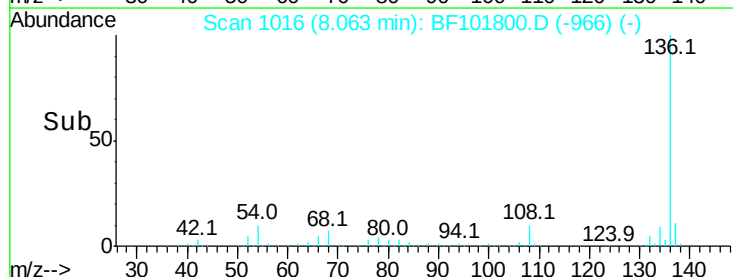
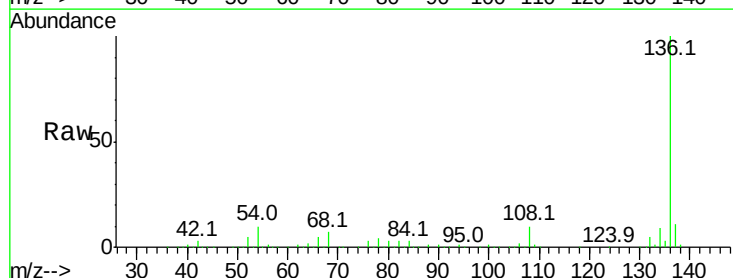
Delta R.T. -0.01 min

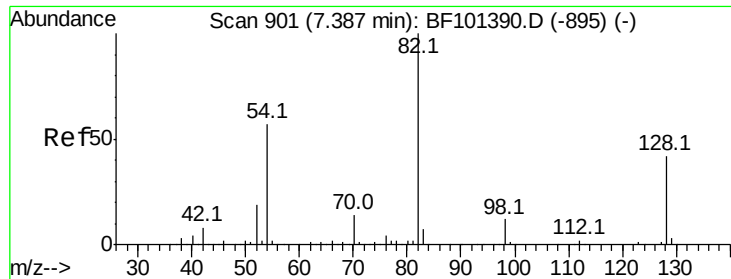
Lab File: BF101800.D

Acq: 28 Dec 2017 14:16

Tgt 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

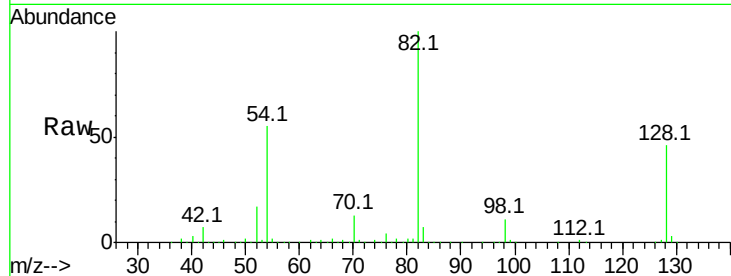




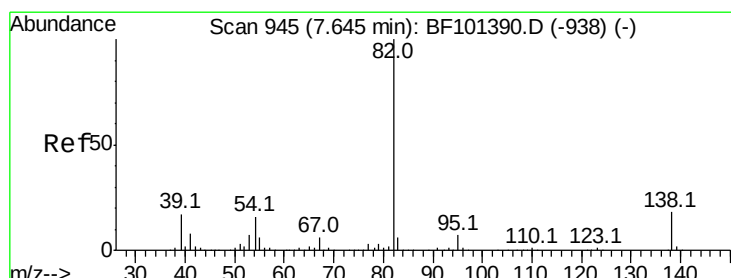
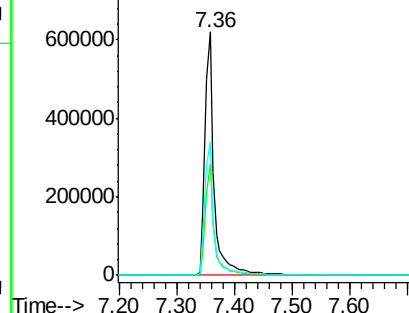
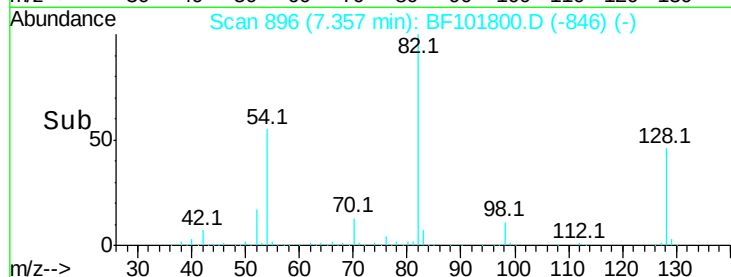
#23
 Nitrobenzene-d5
 Concen: 70.451 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF101800.D
 Acq: 28 Dec 2017 14:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	700732
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	54.7	41.4	62.2

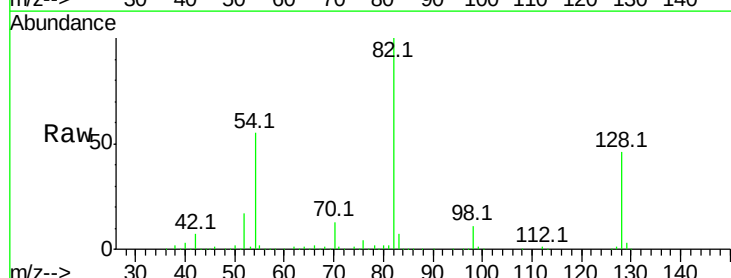


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

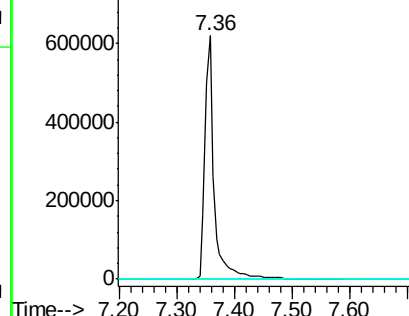
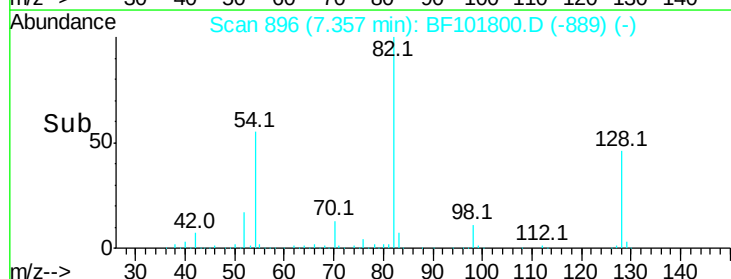


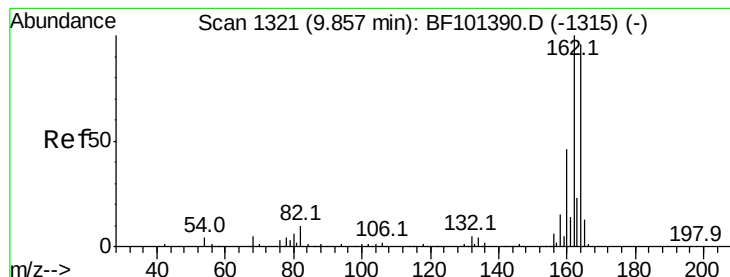
#25
 Isophorone
 Concen: 35.119 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF101800.D
 Acq: 28 Dec 2017 14:16

Tgt Ion	82	Resp	700732
Ion Ratio	100		
Lower	5.2		
Upper	7.8#		
95	0.0	14.9	22.3#
138	0.0		



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): 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 :

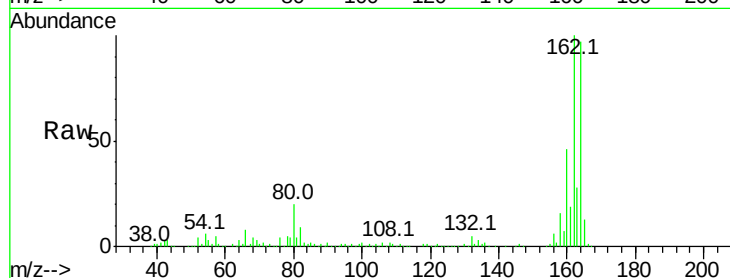
Tot Ion:164 Resp: 217677

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

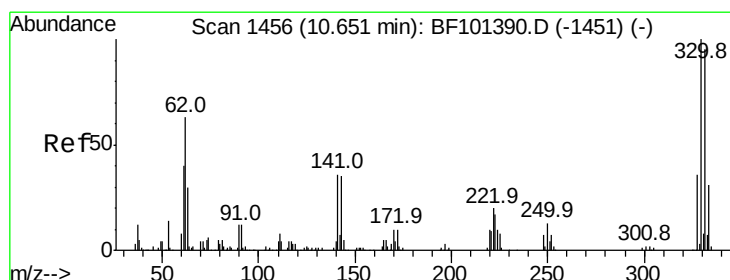
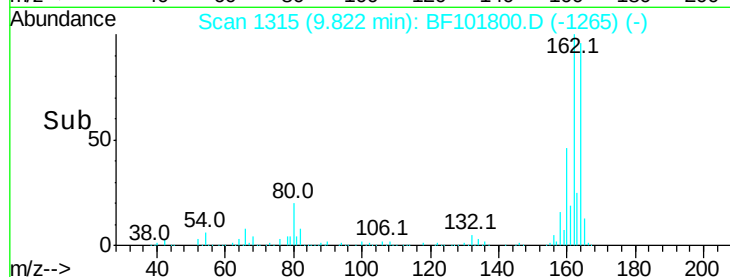
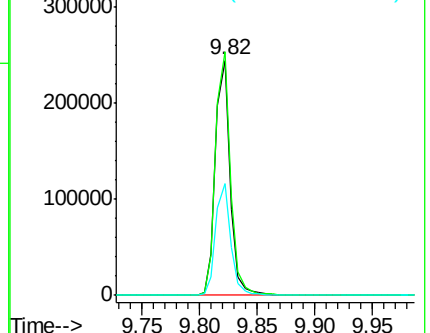
160 47.4 38.3 57.5



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: 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

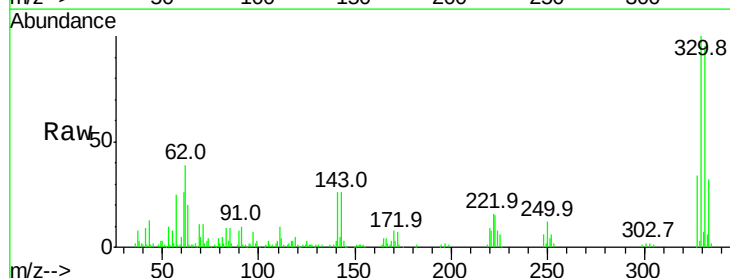
Tgt Ion:330 Resp: 142524

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

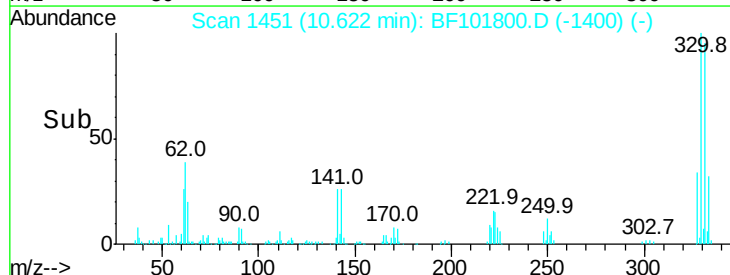
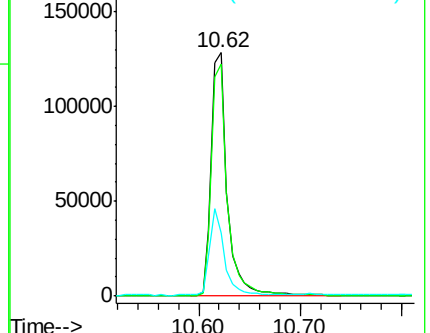
141 32.6 29.9 44.9

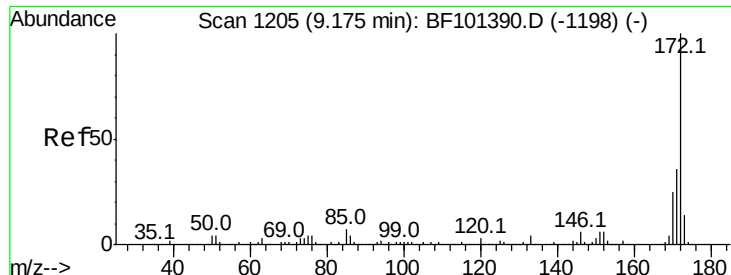


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



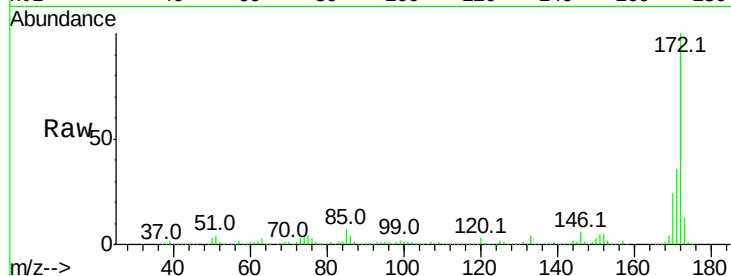


#44
 2-Fluorobiphenyl
 Concen: 78.286 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101800.D
 Acq: 28 Dec 2017 14:16

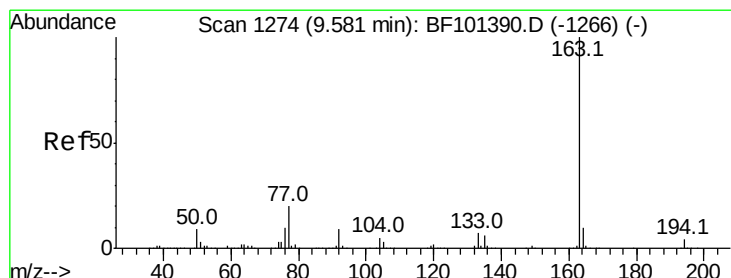
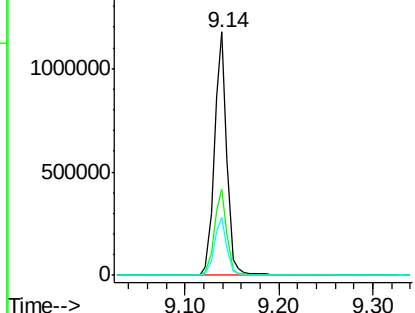
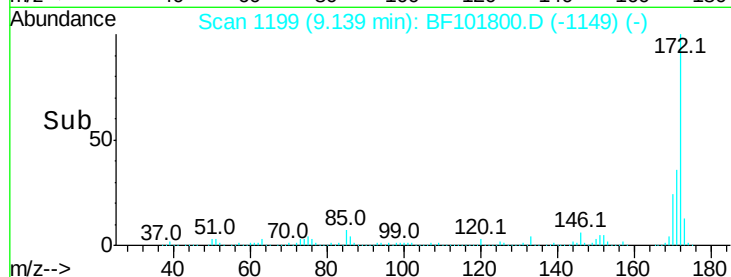
Instrument :
 BNA_F
 ClientSampleId :

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



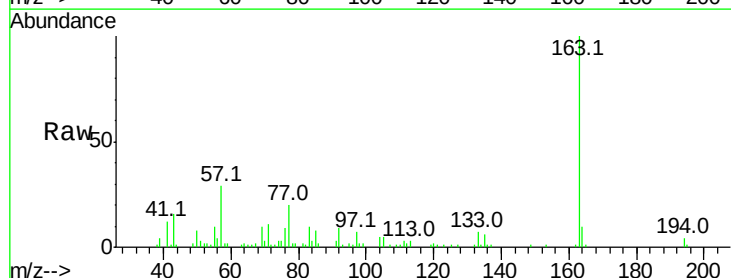
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



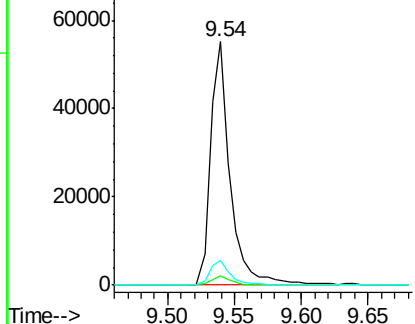
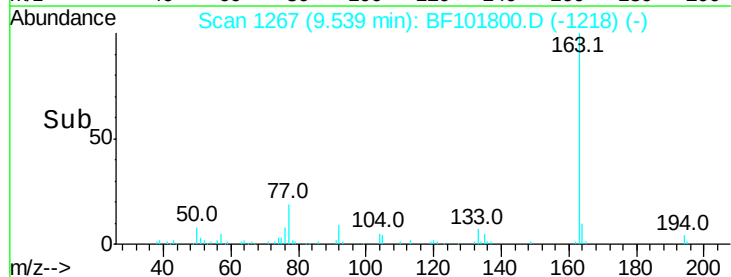
#49
 Dimethylphthalate
 Concen: 3.238 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF101800.D
 Acq: 28 Dec 2017 14:16

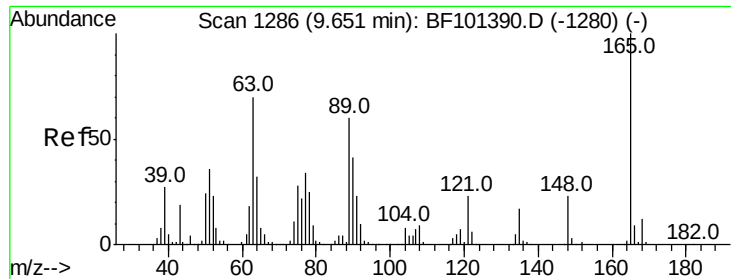
Tgt Ion:163 Resp: 56694

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

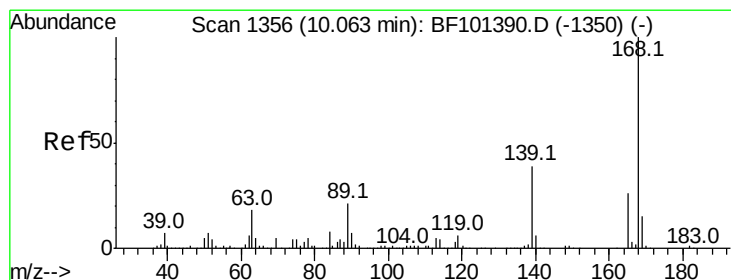
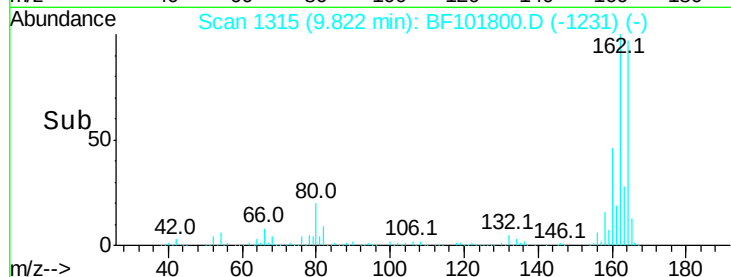
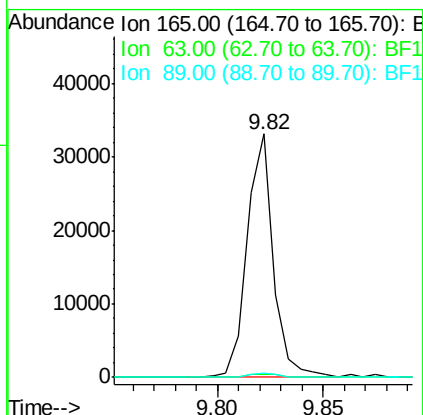
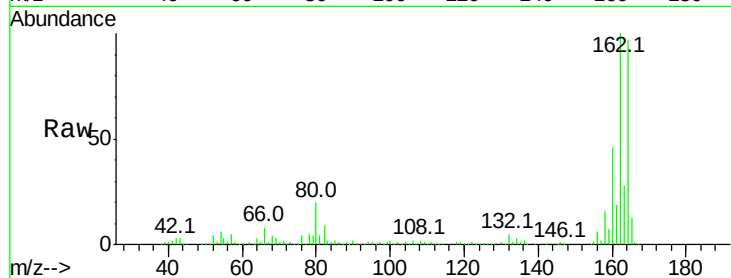




#50
 2,6-Dinitrotoluene
 Concen: 7.993 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF101800.D
 Acq: 28 Dec 2017 14:16

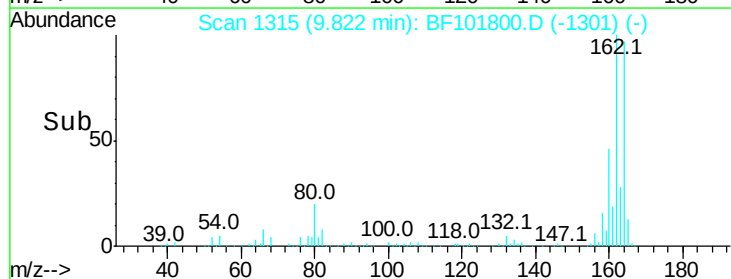
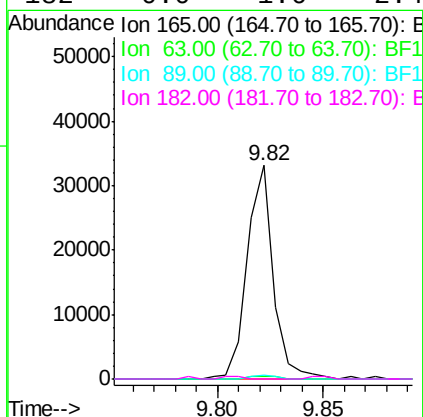
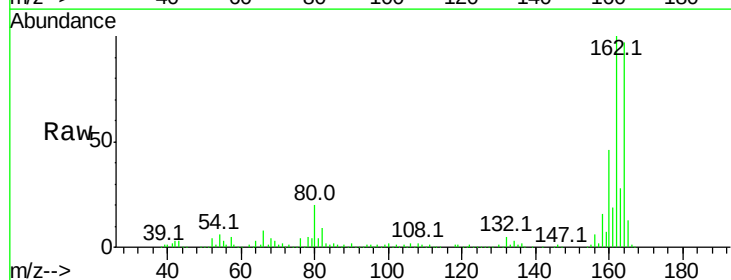
Instrument :
 BNA_F
 ClientSampleId :

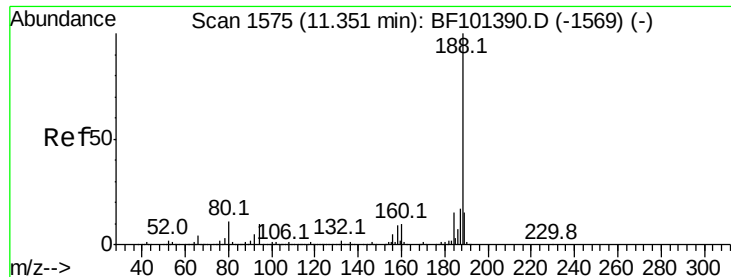
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.094 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF101800.D
 Acq: 28 Dec 2017 14:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

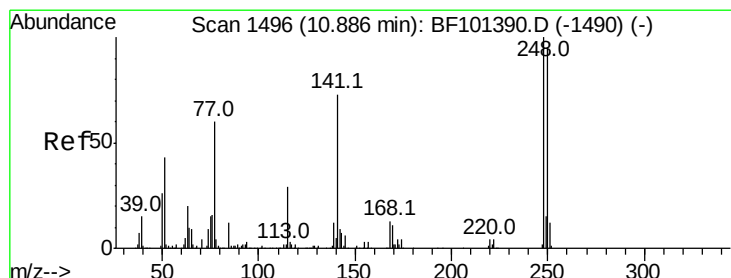
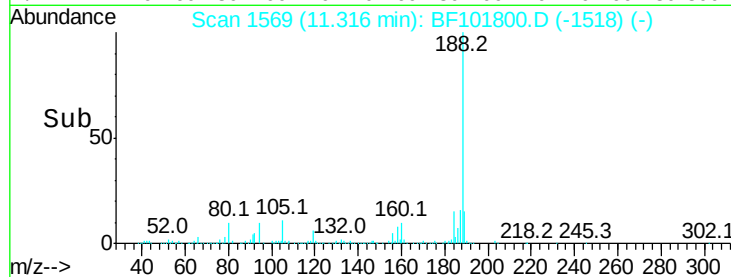
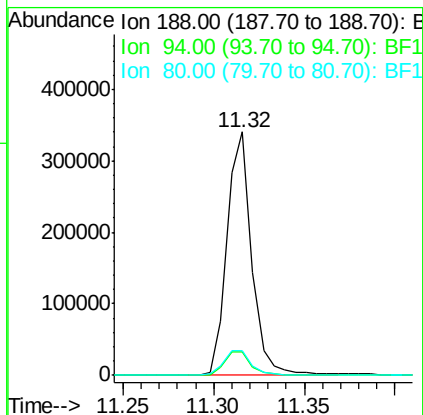
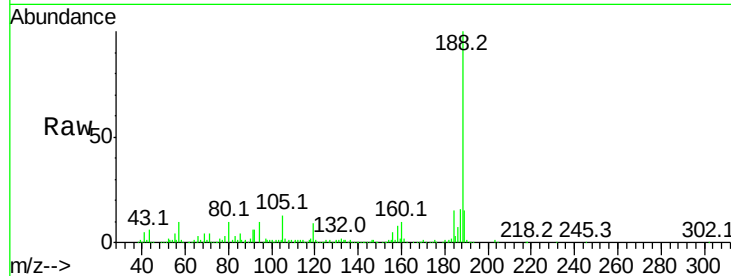




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

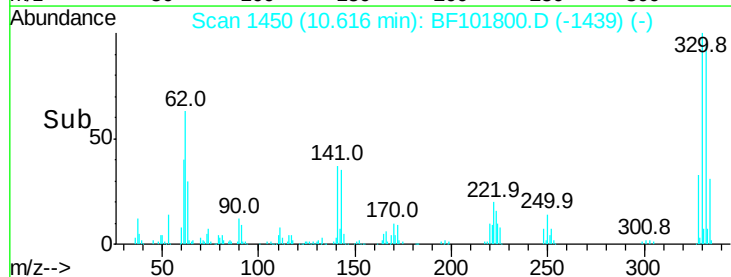
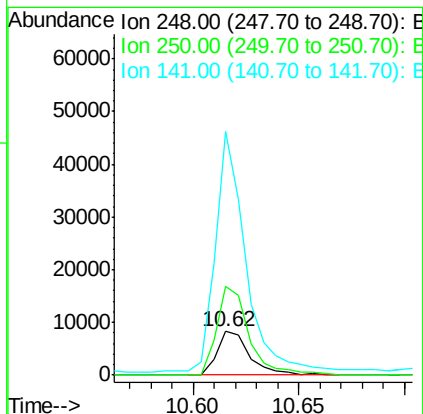
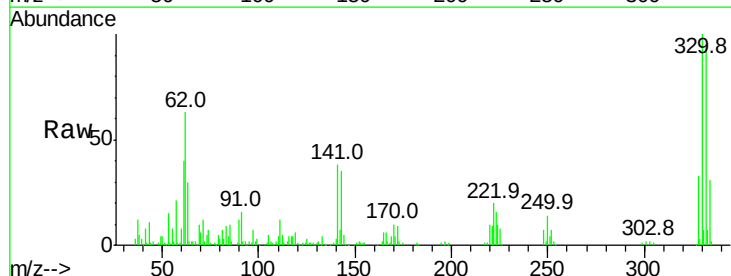
Instrument :
BNA_F
ClientSampled :

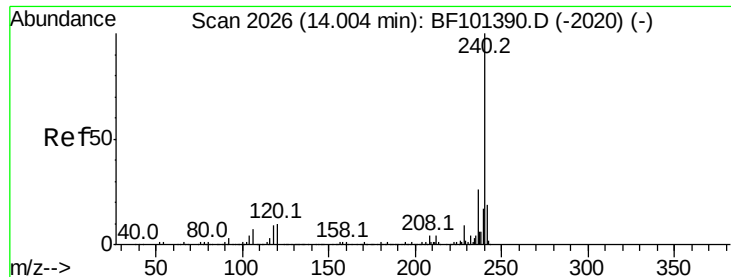
Tot Ion:188 Resp: 325030
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.0 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.390 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Tgt Ion:248 Resp: 8729
Ion Ratio Lower Upper
248 100
250 203.3 76.9 115.3#
141 557.7 74.4 111.6#





#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

Instrument :

BNA_F

ClientSampleId :

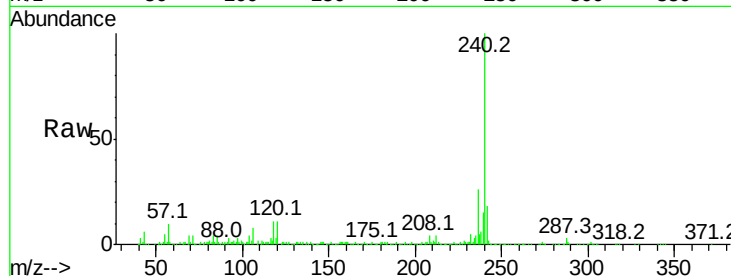
Tot Ion:240 Resp: 277547

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

300000

200000

100000

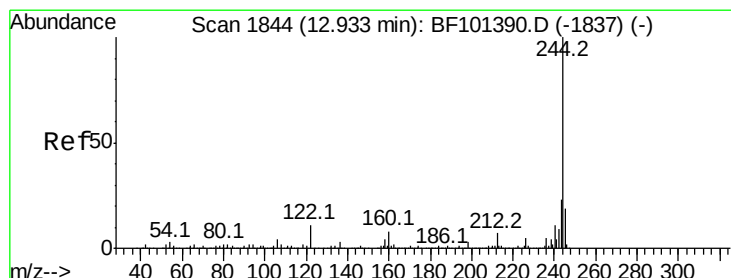
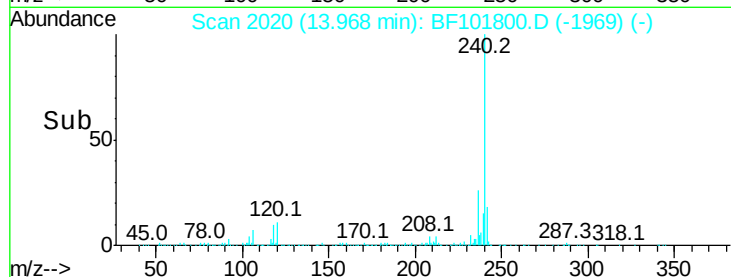
0

13.97

13.90

14.00

Time-->



#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

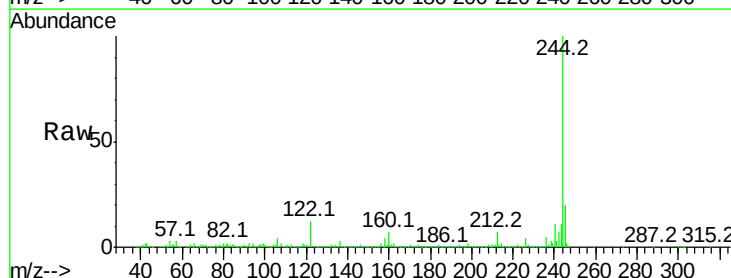
Tgt Ion:244 Resp: 757587

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 12.4 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

1000000

800000

600000

400000

200000

0

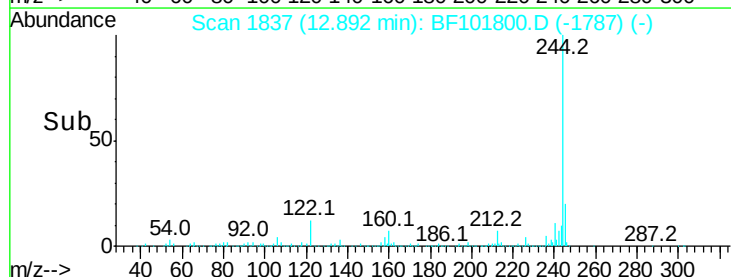
12.89

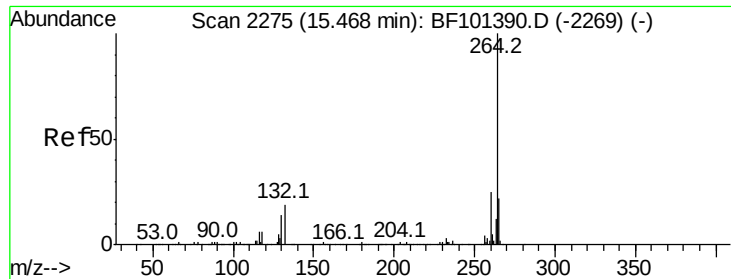
12.80

12.90

13.00

Time-->

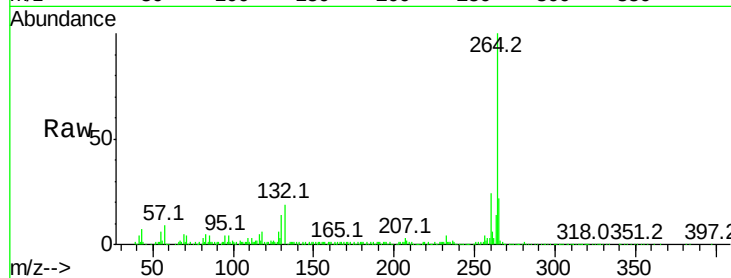




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF101800.D
 Acq: 28 Dec 2017 14:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.2	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

