

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101636.D
 Acq On : 22 Dec 2017 5:48
 Operator : SJ/JU
 Sample : I7008-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 08:05:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

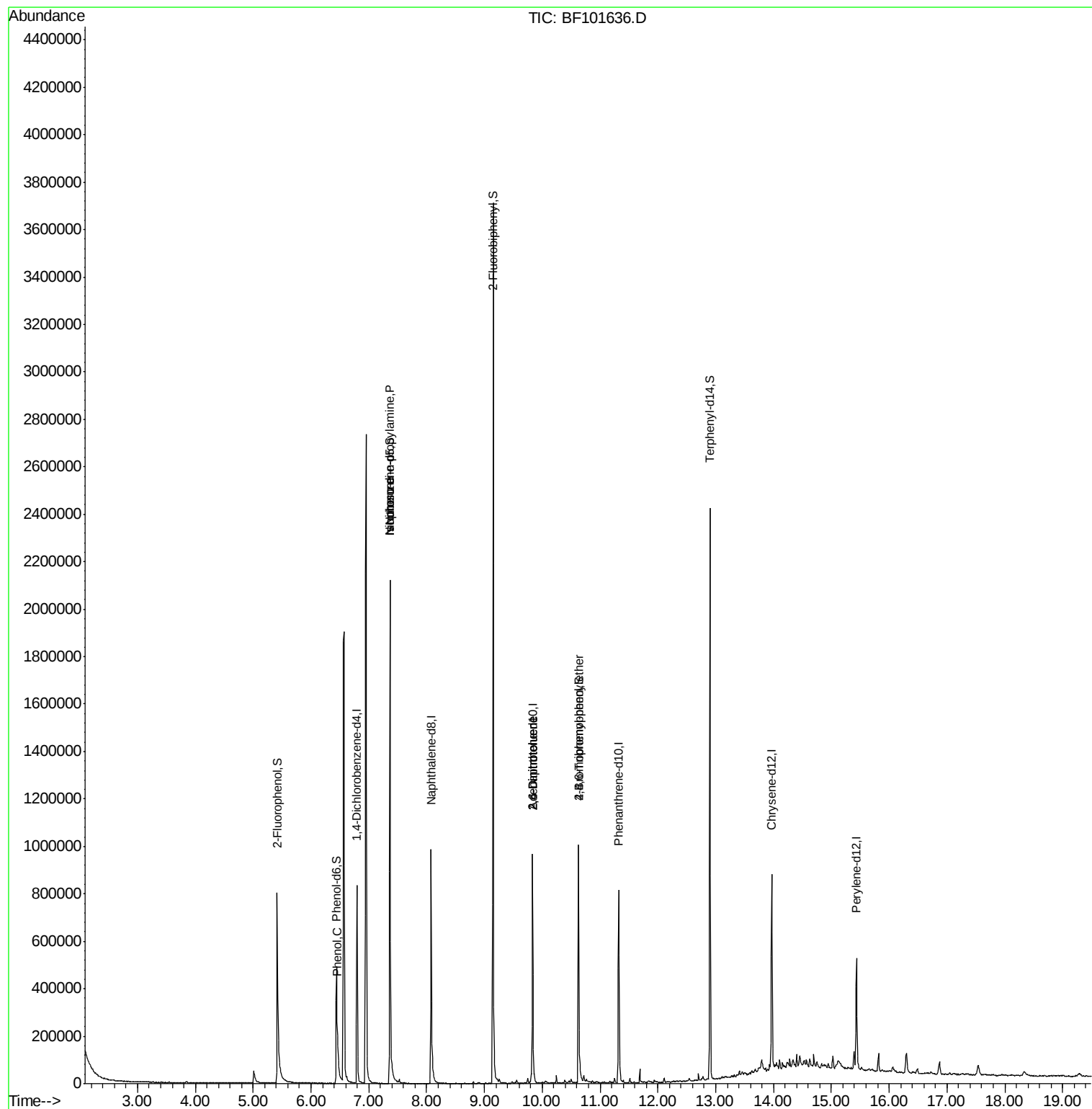
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132805	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	518670	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	203952	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	312124	20.00	ng	0.00
75) Chrysene-d12	13.97	240	287269	20.00	ng	0.00
86) Perylene-d12	15.43	264	239064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	356617	40.00	ng	0.00
7) Phenol-d6	6.44	99	279368	25.18	ng	0.00
23) Nitrobenzene-d5	7.37	82	795536	85.38	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	142619	72.57	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1225294	93.19	ng	0.00
78) Terphenyl-d14	12.90	244	822217	69.00	ng	0.00
Target Compounds						
10) Phenol	6.46	94	26897	2.127	ng	81
19) n-Nitroso-di-n-propylamine	7.37	70	105228	14.441	ng	# 81
25) Isophorone	7.37	82	795536	42.561	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	25594	7.676	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	25594	6.813	ng	# 23
66) 4-Bromophenyl-phenylether	10.63	248	9198	2.623	ng	# 1

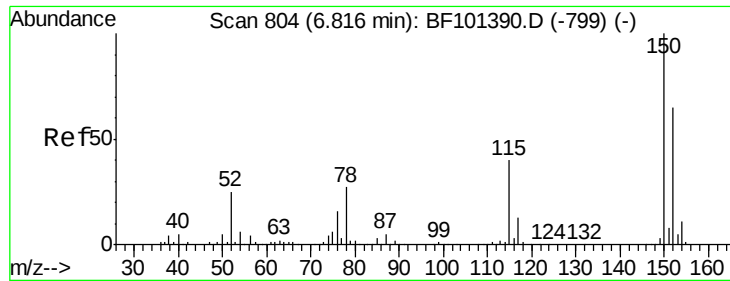
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
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Response via : Initial Calibration



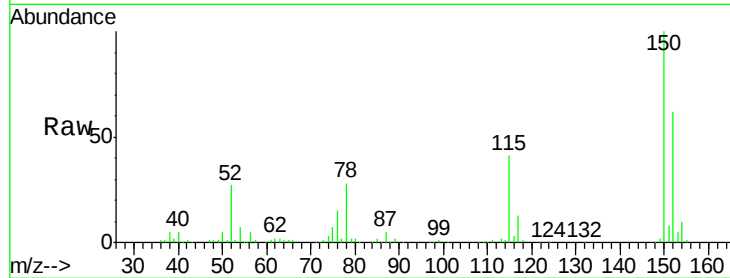


#1

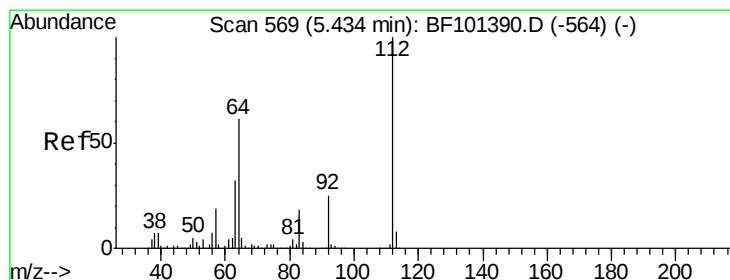
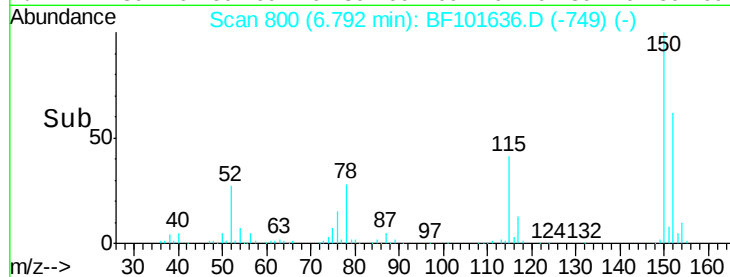
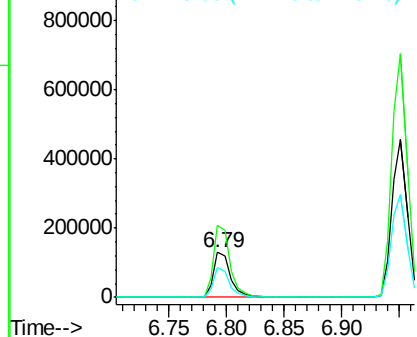
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF101636.D
Acq: 22 Dec 2017 5:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132805
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 66.2 50.1 75.1



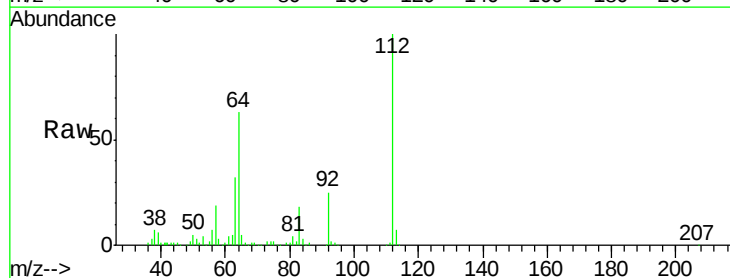
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



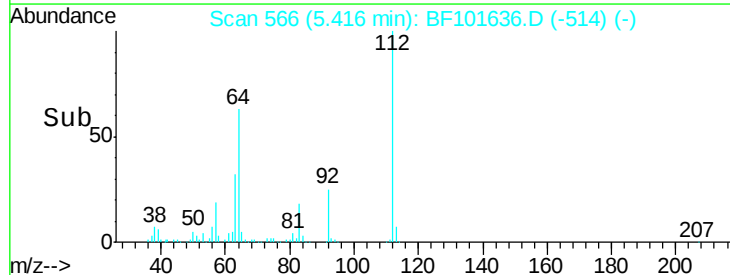
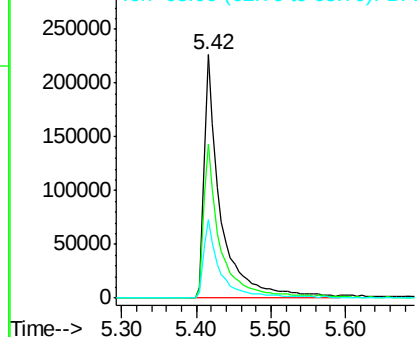
#5

2-Fluorophenol
Concen: 39.999 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101636.D
Acq: 22 Dec 2017 5:48

Tgt Ion:112 Resp: 356617
Ion Ratio Lower Upper
112 100
64 63.1 47.9 71.9
63 32.4 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

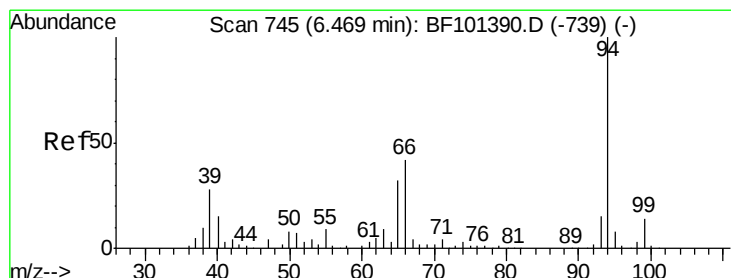
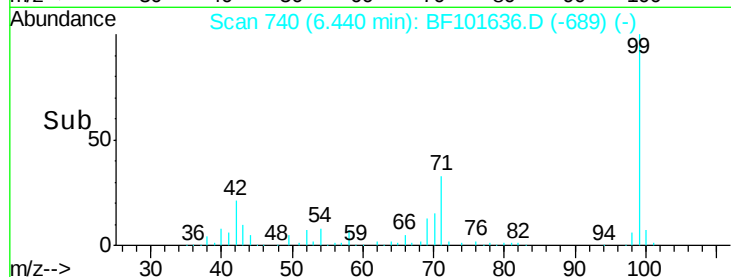
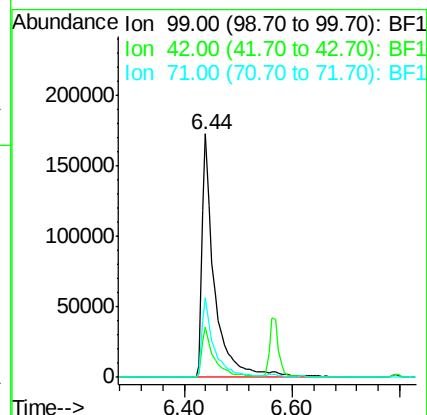
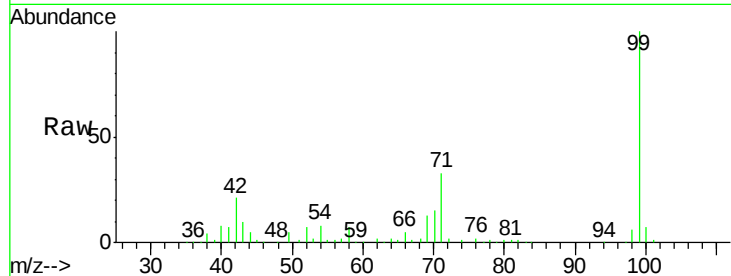




#7
Phenol-d6
Concen: 25.178 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF101636.D
Acq: 22 Dec 2017 5:48

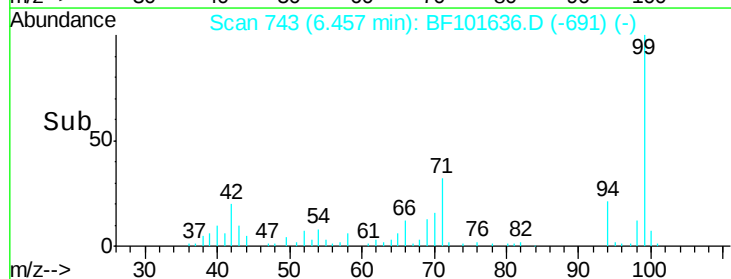
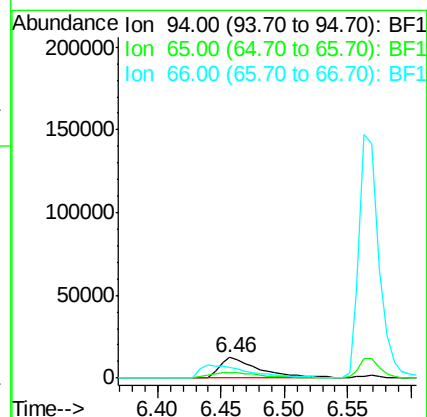
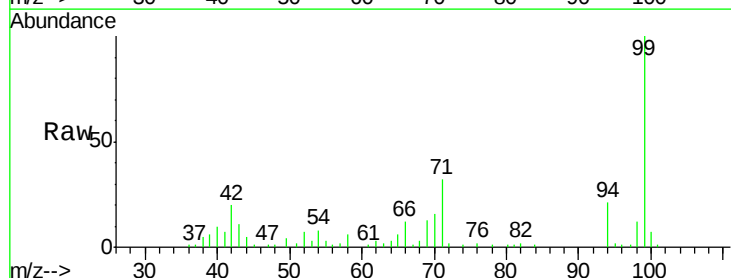
Instrument :
BNA_F
ClientSampled :

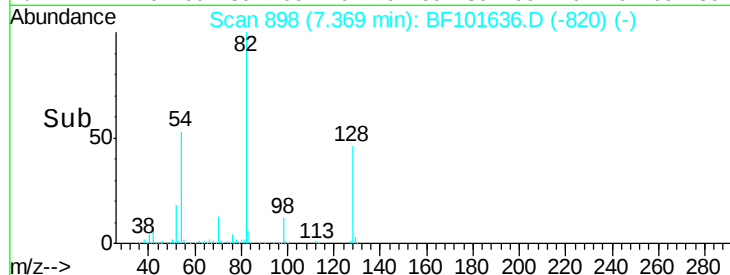
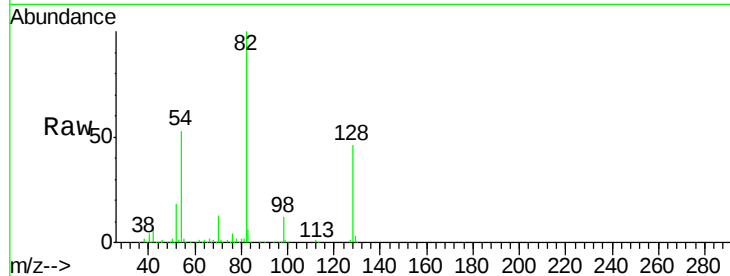
Tot Ion: 99 Resp: 279368
Ion Ratio Lower Upper
99 100
42 20.7 14.5 21.7
71 32.6 25.4 38.0



#10
Phenol
Concen: 2.127 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF101636.D
Acq: 22 Dec 2017 5:48

Tgt Ion: 94 Resp: 26897
Ion Ratio Lower Upper
94 100
65 29.4 7.9 47.9
66 55.0 16.2 56.2

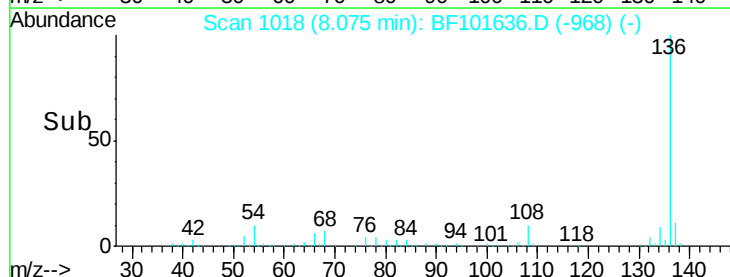
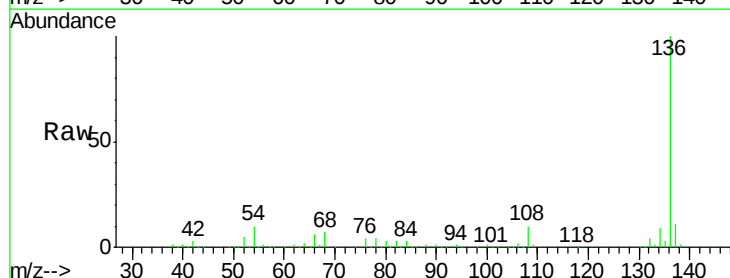
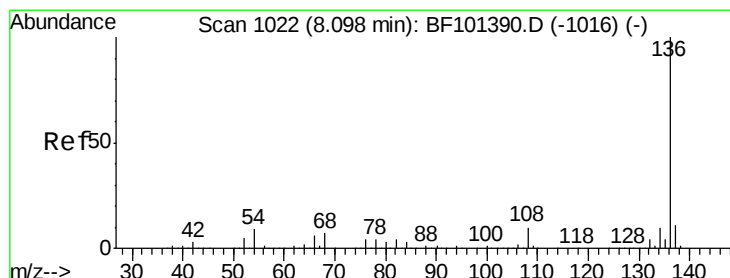
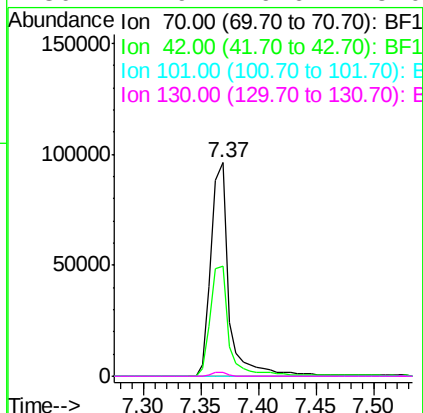




#19
n-Nitroso-di-n-propylamine
Concen: 14.441 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.16 min
Lab File: BF101636.D
Acq: 22 Dec 2017 5:48

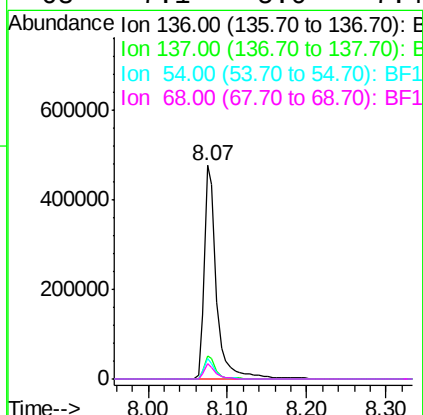
Instrument :
BNA_F
ClientSampled :

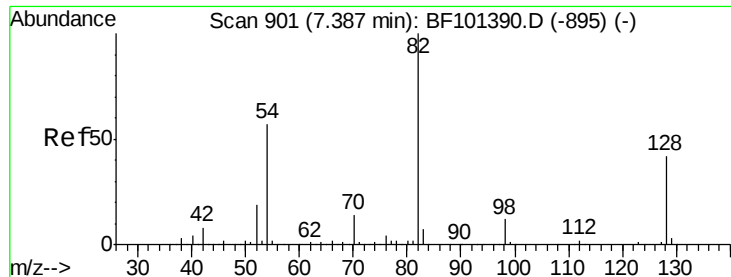
Tot Ion: 70 Resp: 105228
Ion Ratio Lower Upper
70 100
42 51.5 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101636.D
Acq: 22 Dec 2017 5:48

Tgt Ion: 136 Resp: 518670
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.9 6.6 9.8#
68 7.1 5.0 7.4

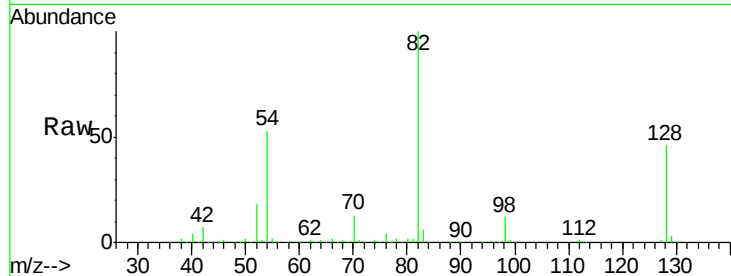




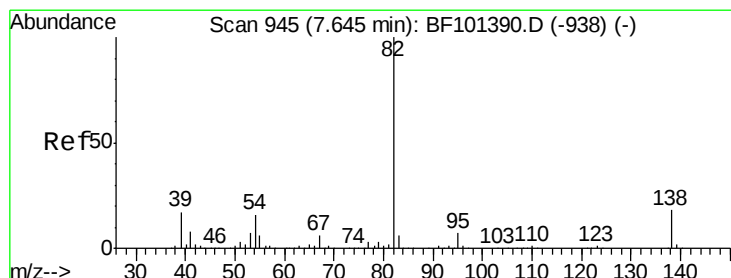
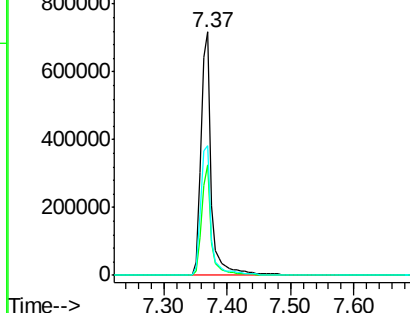
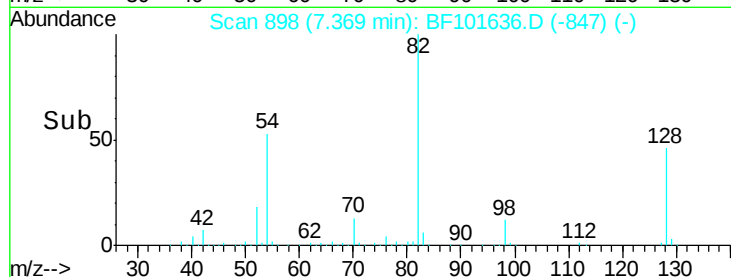
#23
Nitrobenzene-d5
Concen: 85.380 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101636.D
Acq: 22 Dec 2017 5:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	795536
Ion Ratio	100	Lower	Upper
128	45.5	36.1	54.1
54	53.3	41.4	62.2

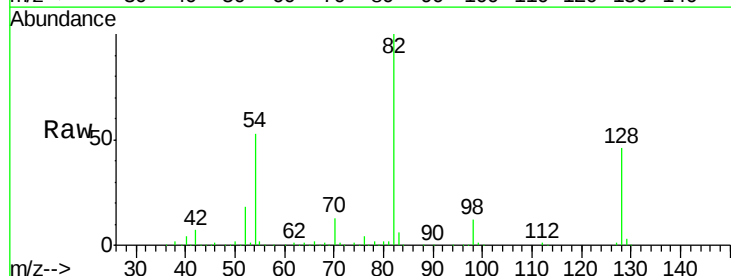


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

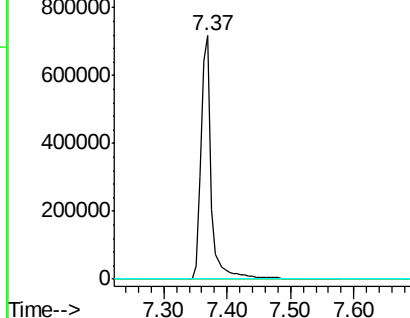
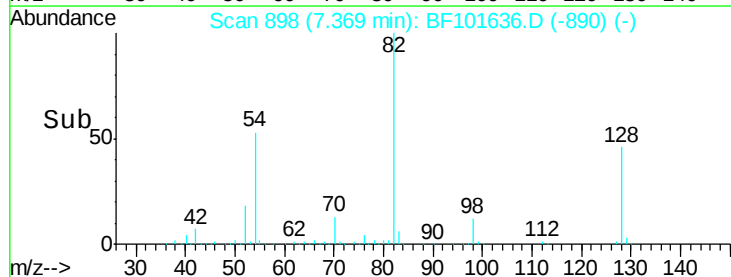


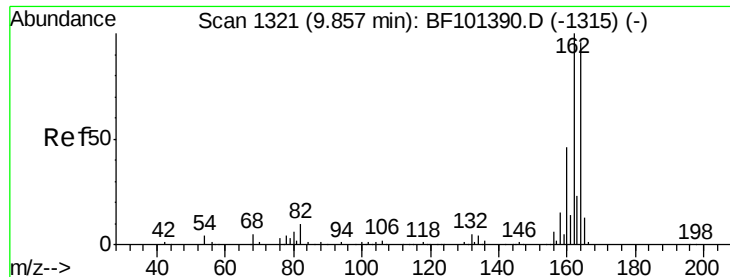
#25
Isophorone
Concen: 42.561 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.25 min
Lab File: BF101636.D
Acq: 22 Dec 2017 5:48

Tgt Ion	82	Resp	795536
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



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

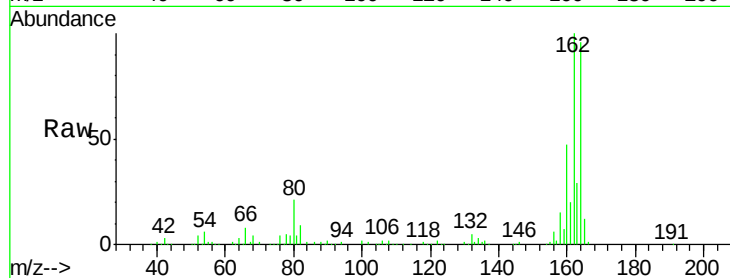




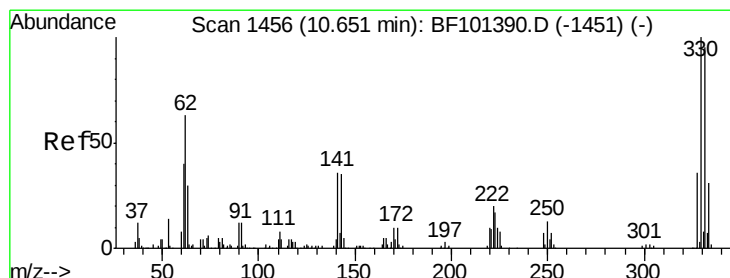
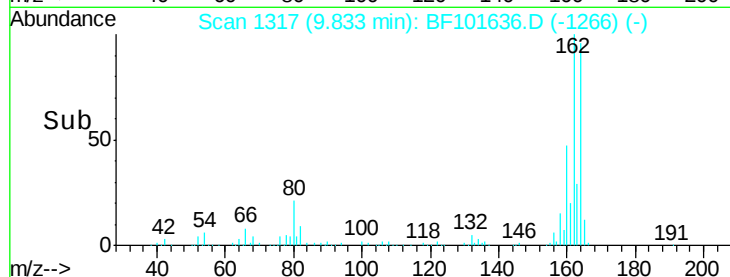
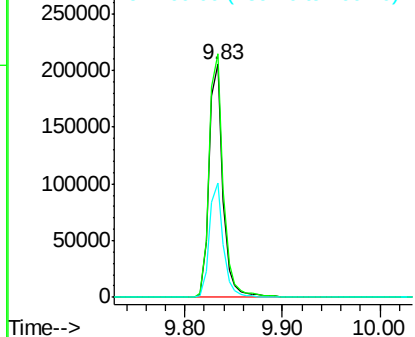
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF101636.D
 Acq: 22 Dec 2017 5:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	48.8	38.3	57.5

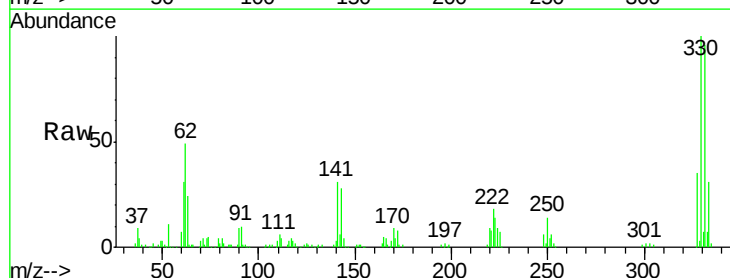


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

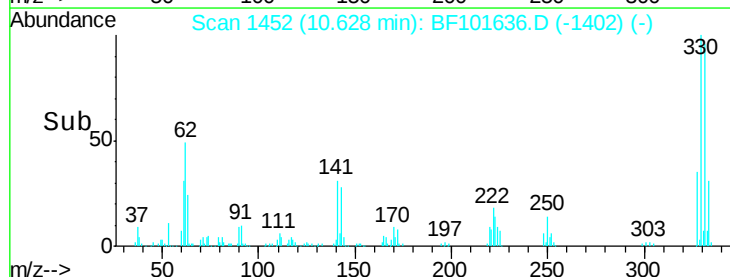
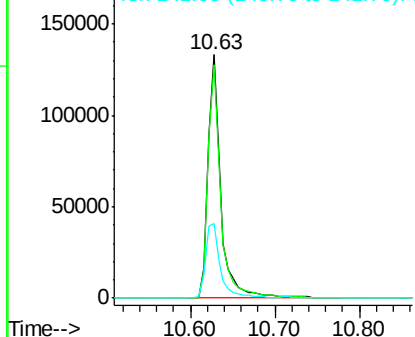


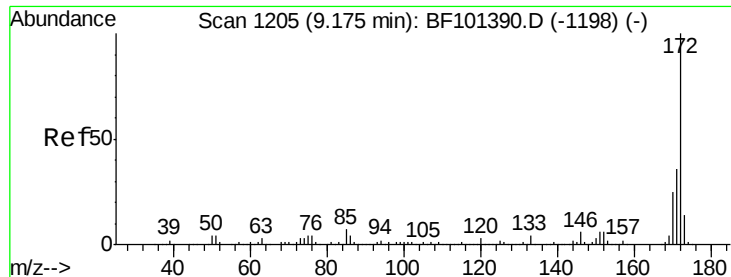
#41
 2,4,6-Tribromophenol
 Concen: 72.571 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101636.D
 Acq: 22 Dec 2017 5:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	34.8	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

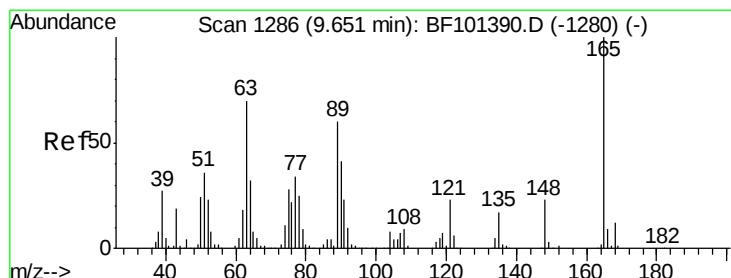
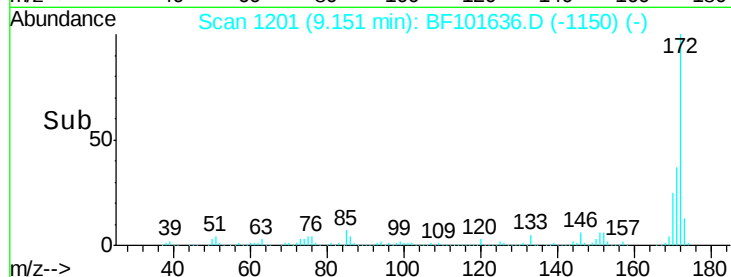
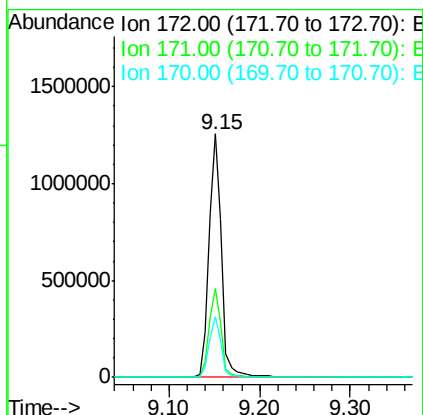
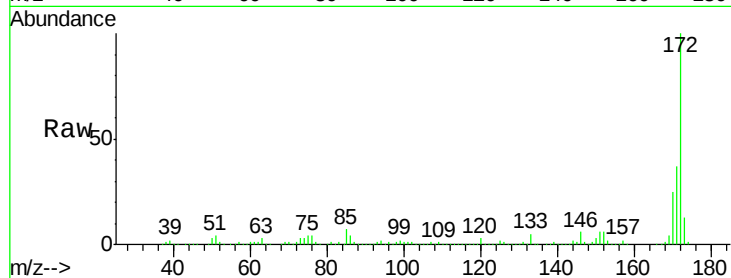




#44
 2-Fluorobiphenyl
 Concen: 93.195 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101636.D
 Acq: 22 Dec 2017 5:48

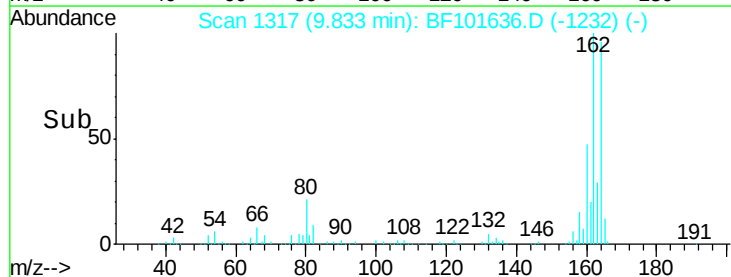
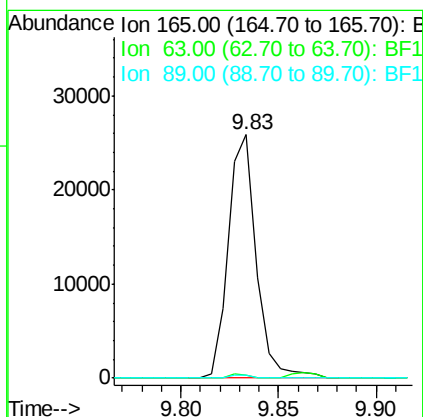
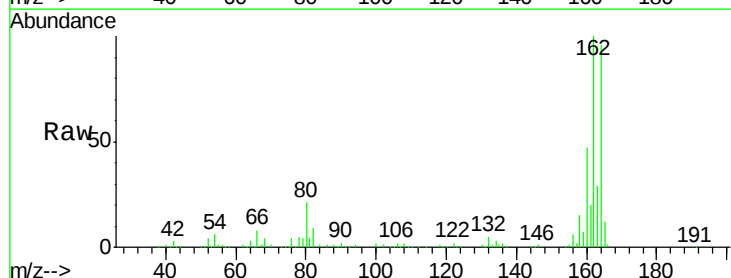
Instrument :
 BNA_F
 ClientSampleId :

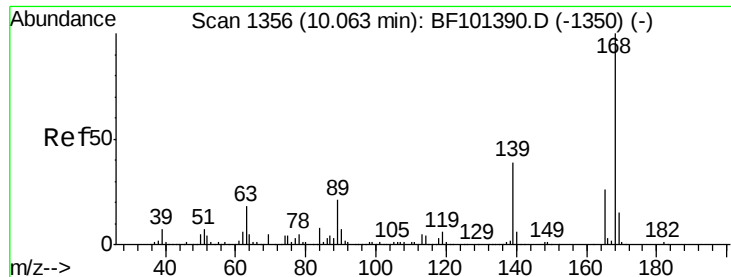
Tot Ion:172 Resp: 1225294
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.6 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.676 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF101636.D
 Acq: 22 Dec 2017 5:48

Tgt Ion:165 Resp: 25594
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.7 67.1#
 89 1.3 44.0 66.0#

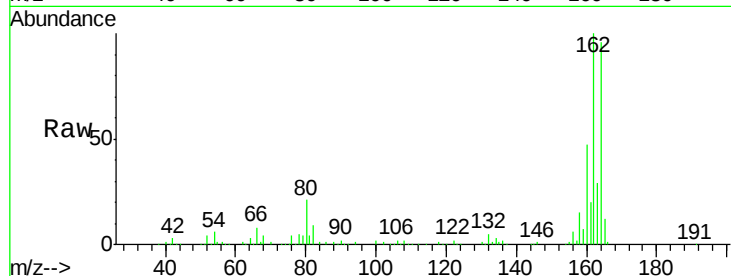




#56
2,4-Dinitrotoluene
Concen: 6.813 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF101636.D
Acq: 22 Dec 2017 5:48

Instrument :
BNA_F
ClientSampleId :

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

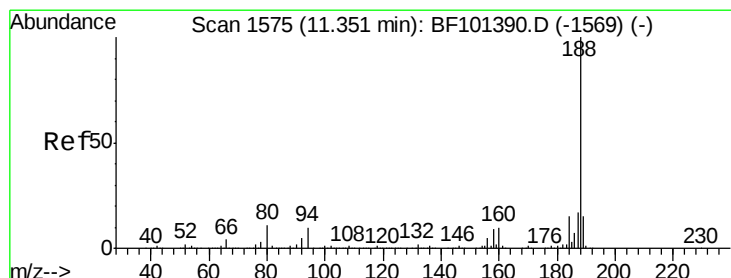
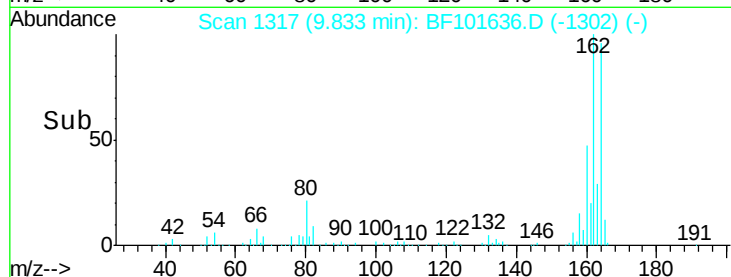
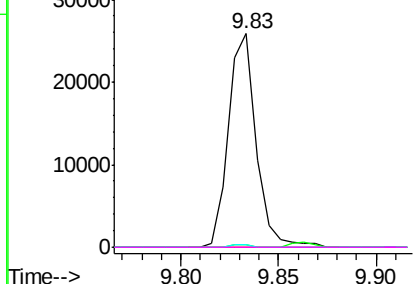


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

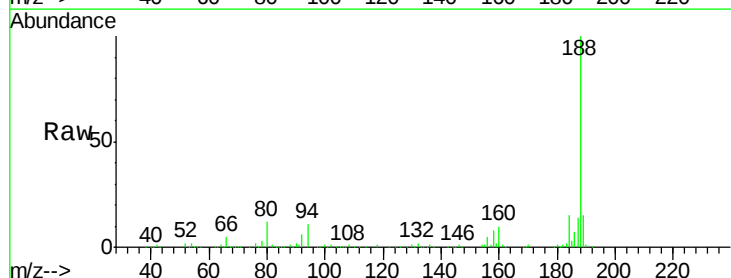
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101636.D
Acq: 22 Dec 2017 5:48

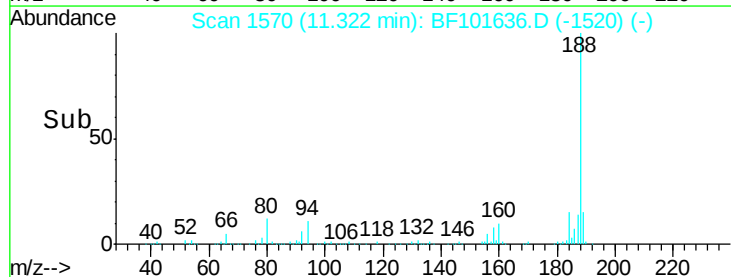
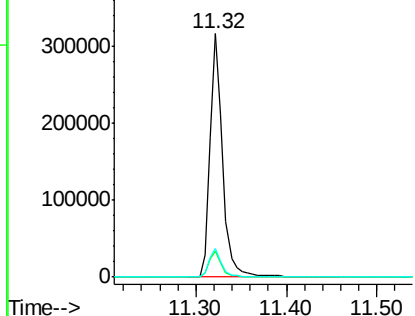
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.8	9.2	13.8

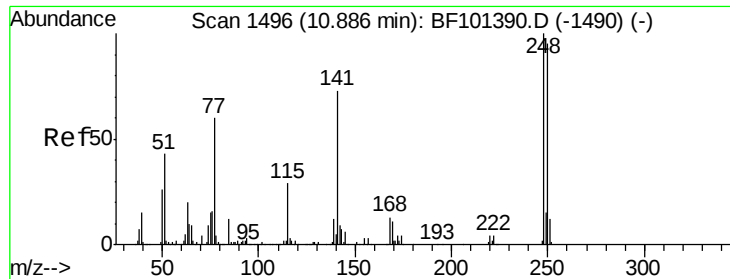


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

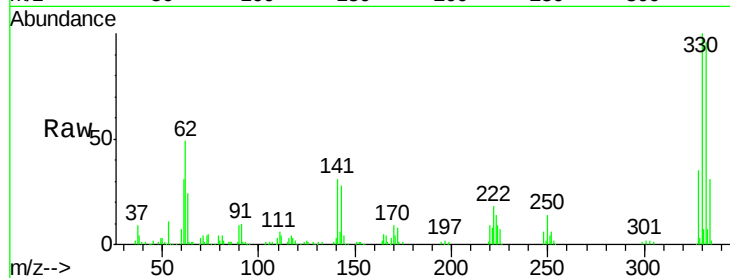




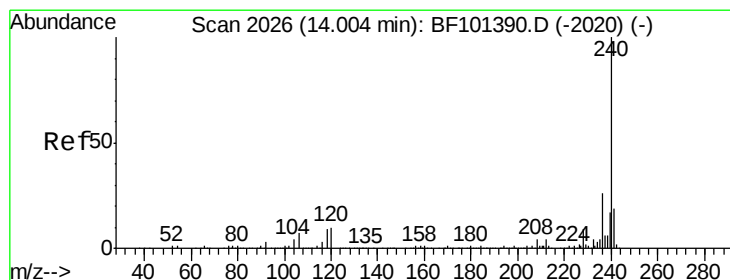
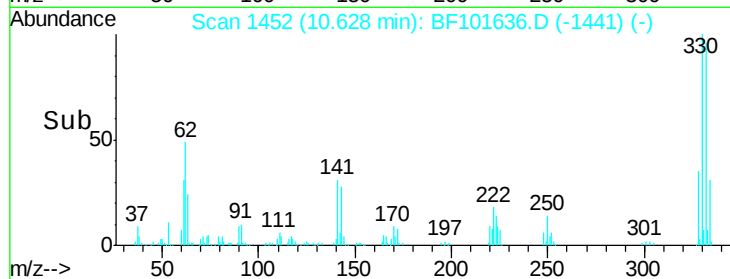
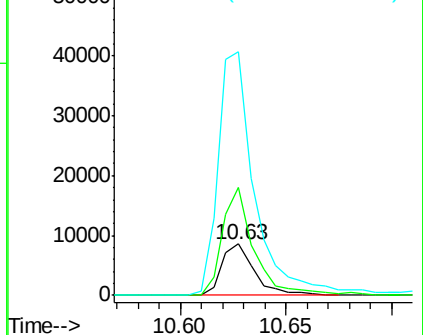
#66
4-Bromophenyl-phenylether
Concen: 2.623 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101636.D
Acq: 22 Dec 2017 5:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 9198
Ion Ratio Lower Upper
248 100
250 210.4 76.9 115.3#
141 475.5 74.4 111.6#

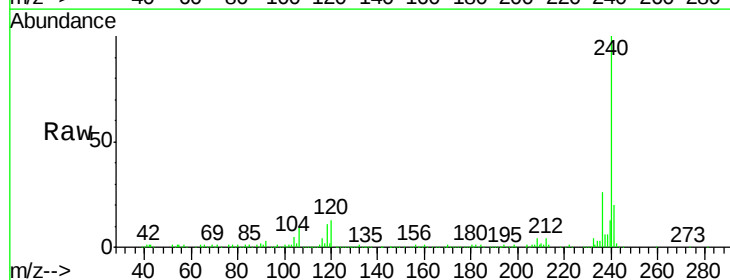


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

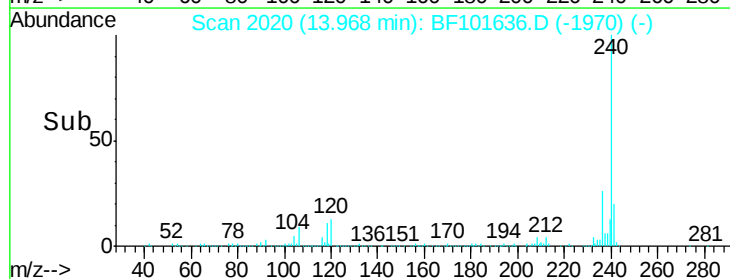
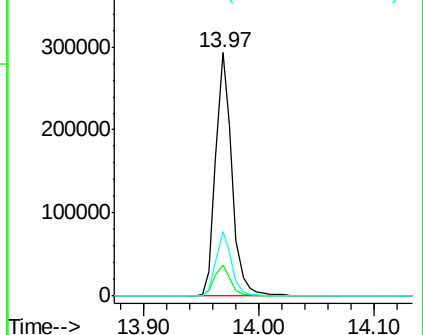


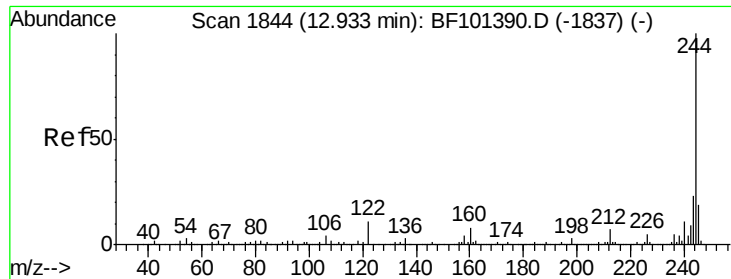
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101636.D
Acq: 22 Dec 2017 5:48

Tgt Ion:240 Resp: 287269
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.4 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





#78

Terphenyl-d14

Concen: 69.001 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101636.D

Acq: 22 Dec 2017 5:48

Instrument :

BNA_F

ClientSampled :

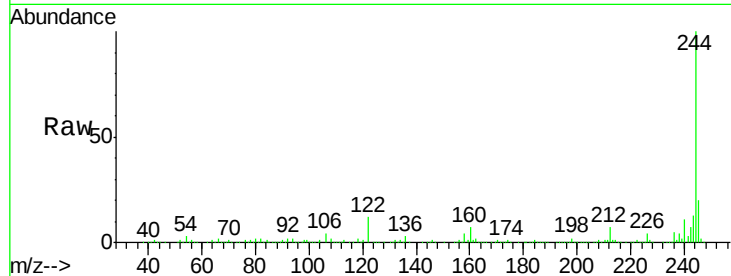
Tot Ion:244 Resp: 822217

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

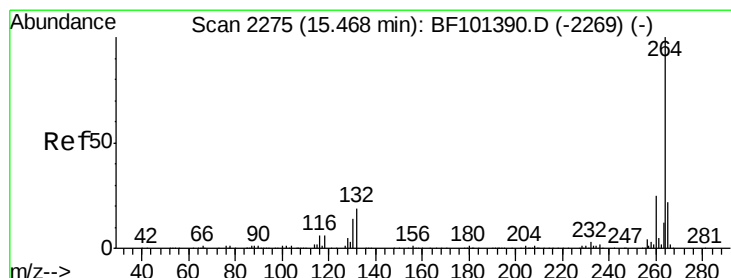
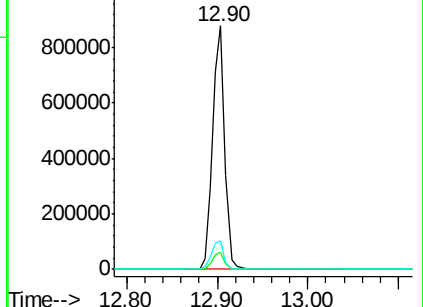
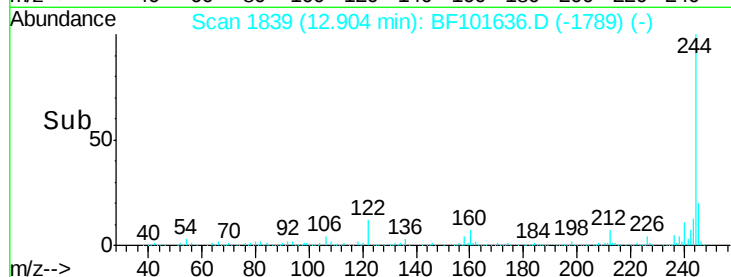
122 11.6 11.0 16.4



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: 15.43 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF101636.D

Acq: 22 Dec 2017 5:48

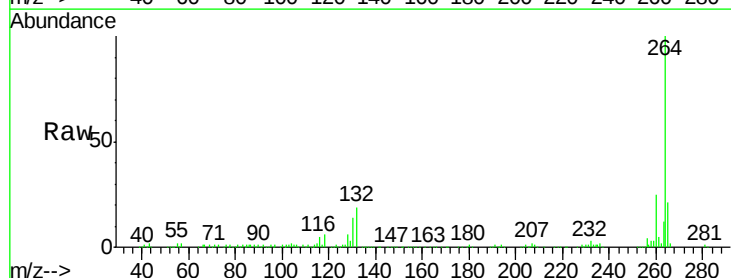
Tgt Ion:264 Resp: 239064

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.0 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

