

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111184.D
 Acq On : 7 Dec 2018 13:59
 Operator : JU/SJ
 Sample : PB115160BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 14:57:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 07 12:19:19 2018
 Response via : Initial Calibration

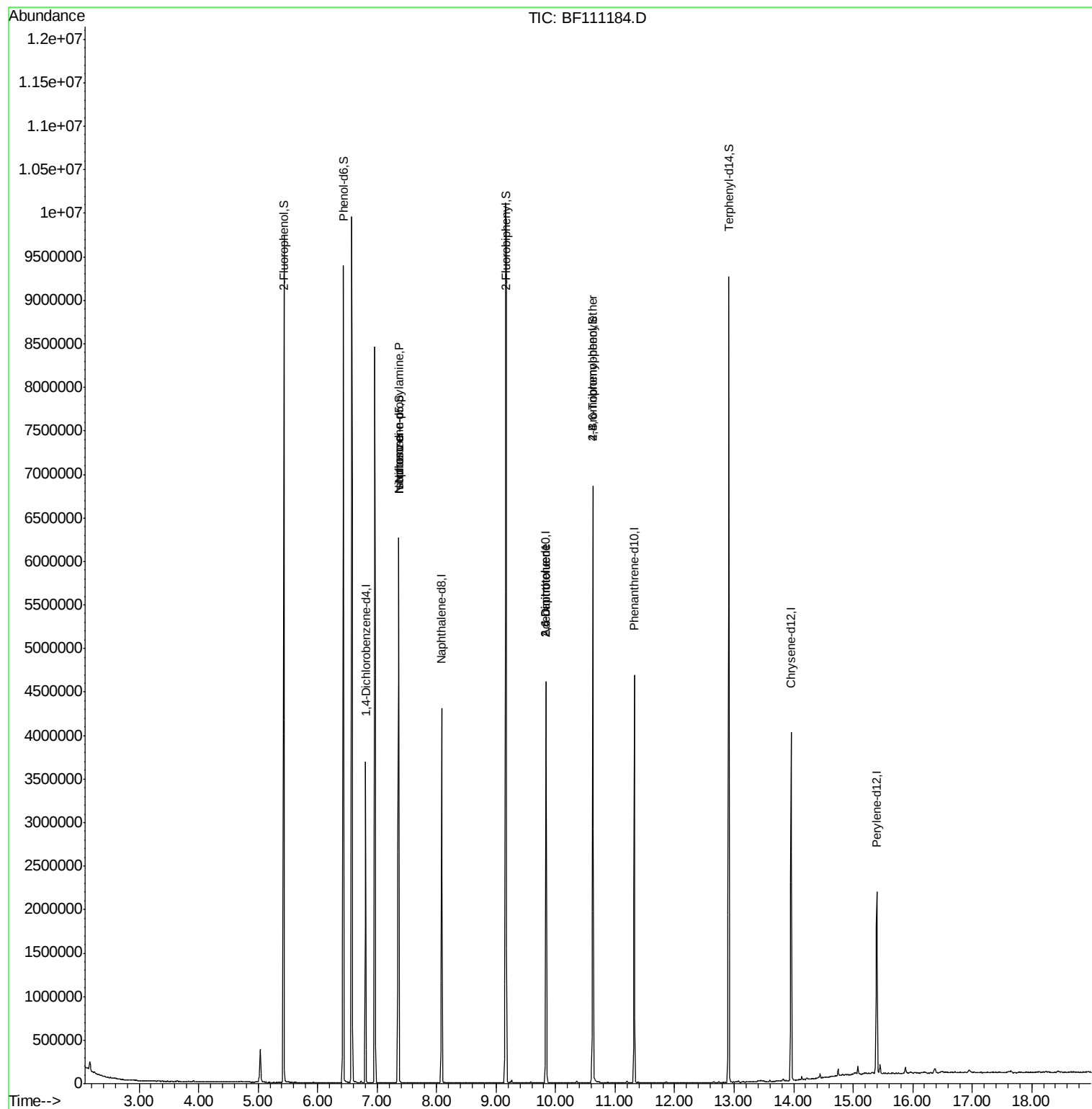
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	492223	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1963223	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	947355	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1655869	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1209004	20.00	ng	0.00
87) Perylene-d12	15.40	264	863090	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2585066	81.95	ng	0.02
7) Phenol-d6	6.43	99	3296389	81.12	ng	0.00
23) Nitrobenzene-d5	7.36	82	2114568	63.77	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	700572	93.03	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3612141	67.64	ng	0.00
79) Terphenyl-d14	12.92	244	3249057	55.04	ng	0.01
Target Compounds						
9) Benzaldehyde	6.43	77	4916	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	283354	10.377 ng	#	1
25) Isophorone	7.36	82	2087016	34.294 ng	#	75
51) 2,6-Dinitrotoluene	9.84	165	123045	8.802 ng	#	65
57) 2,4-Dinitrotoluene	9.84	165	123045	6.816 ng	#	25
67) 4-Bromophenyl-phenylether	10.63	248	47704	2.722 ng	#	23
					#	1

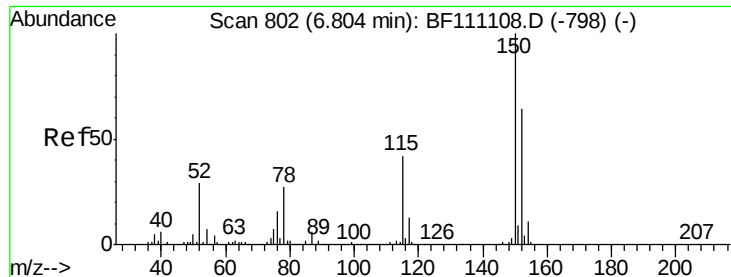
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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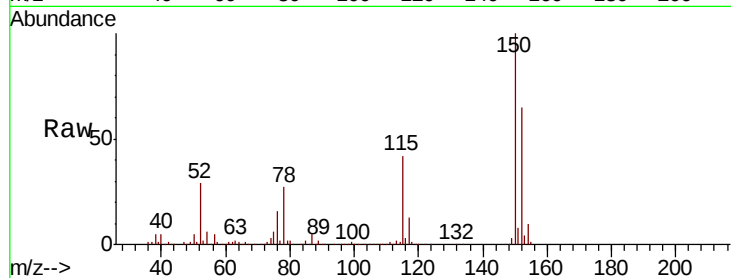


#1

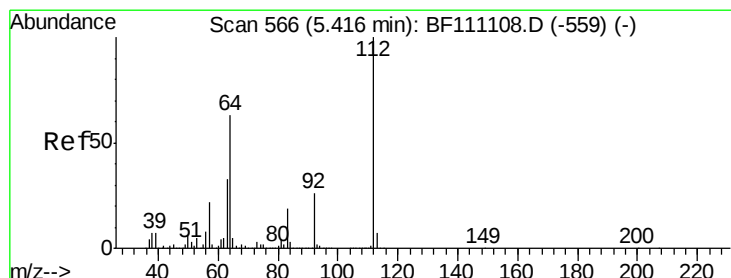
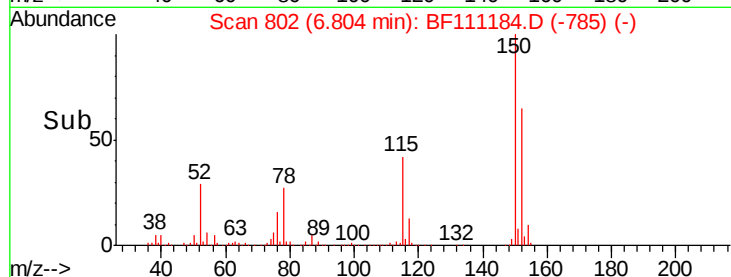
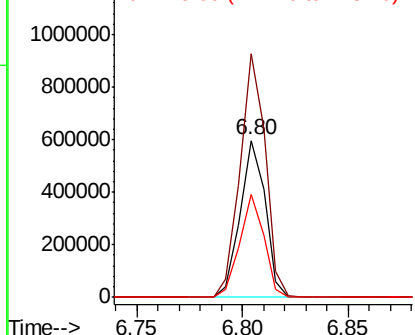
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111184.D
Acq: 7 Dec 2018 13:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 492223
Ion Ratio Lower Upper
152 100
150 154.9 124.6 187.0
115 65.2 52.2 78.2



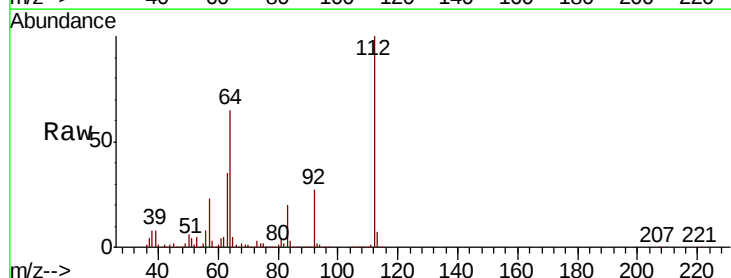
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



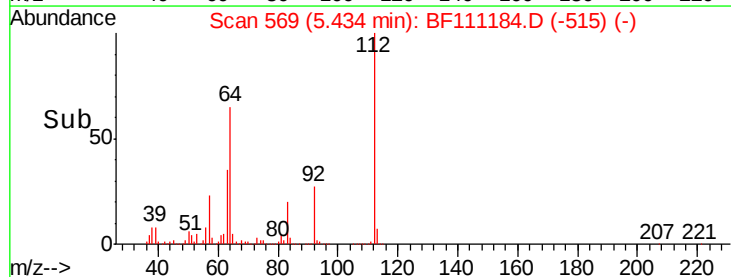
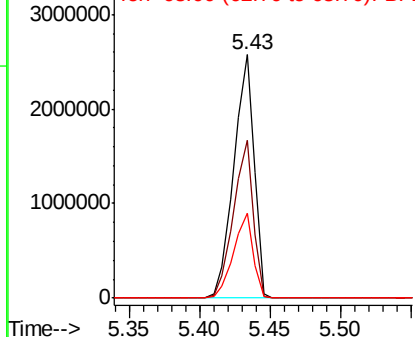
#5

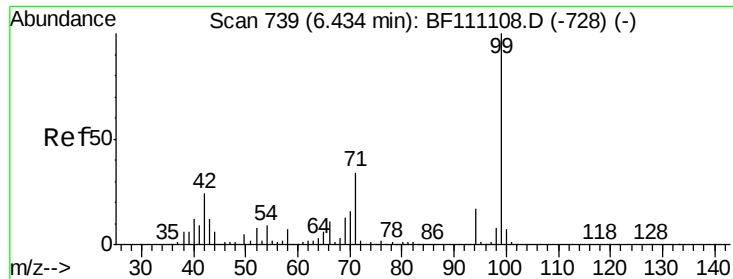
2-Fluorophenol
Concen: 81.952 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF111184.D
Acq: 7 Dec 2018 13:59

Tgt Ion:112 Resp: 2585066
Ion Ratio Lower Upper
112 100
64 64.9 50.2 75.4
63 34.9 26.6 39.8



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: 81.125 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111184.D

Acq: 7 Dec 2018 13:59

Instrument :

BNA_F

ClientSampleId :

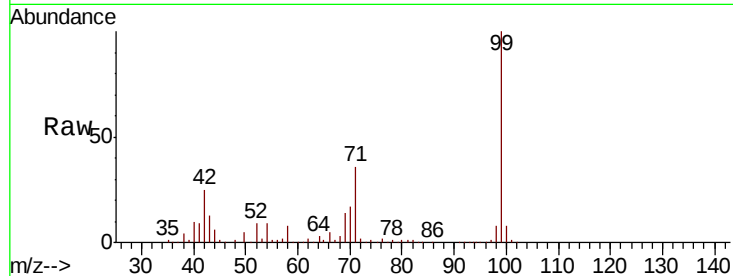
Tot Ion: 99 Resp: 3296389

Ion Ratio Lower Upper

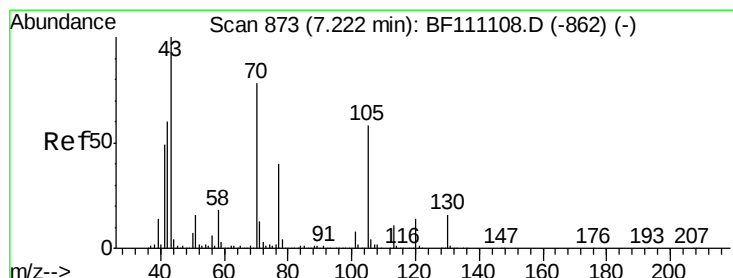
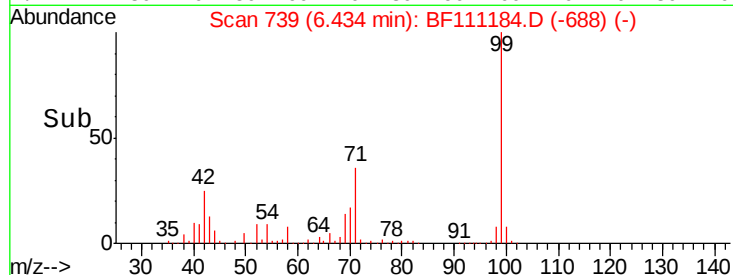
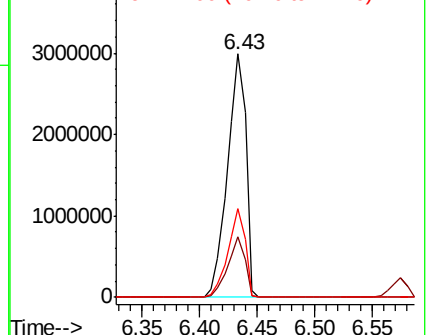
99 100

42 24.8 19.3 28.9

71 36.2 27.4 41.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.377 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.14 min

Lab File: BF111184.D

Acq: 7 Dec 2018 13:59

Tgt Ion: 70 Resp: 283354

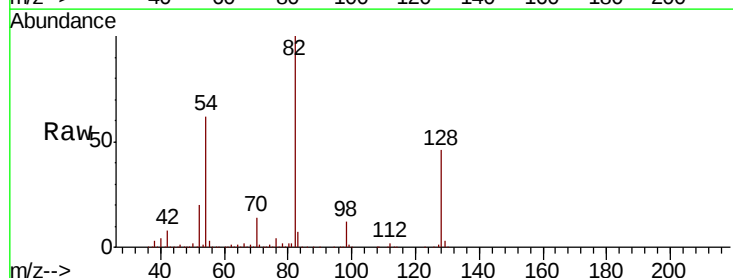
Ion Ratio Lower Upper

70 100

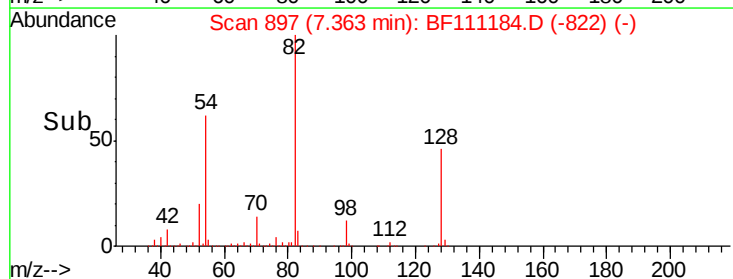
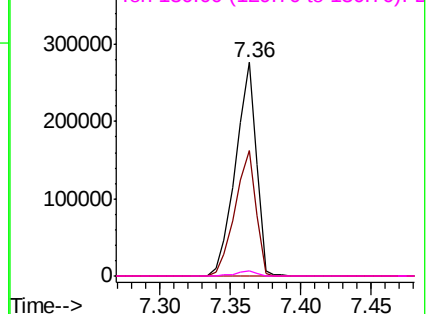
42 58.8 61.3 91.9#

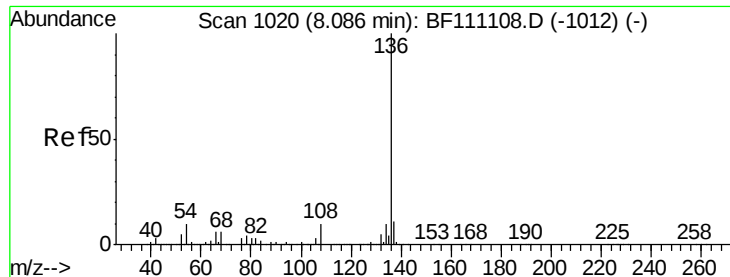
101 0.0 7.7 11.5#

130 2.1 16.3 24.5#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF111184.D

Acq: 7 Dec 2018 13:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1963223

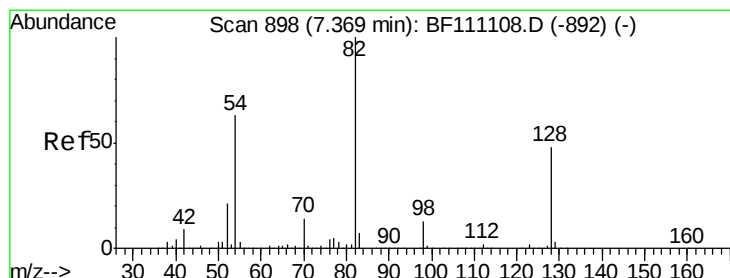
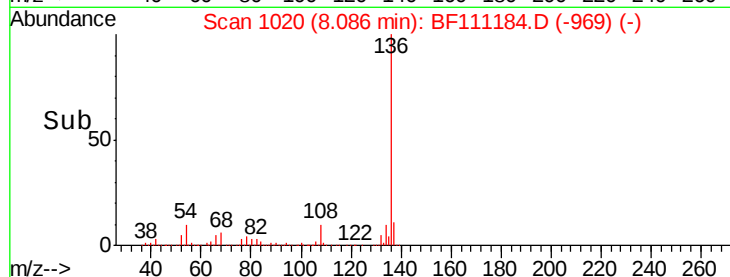
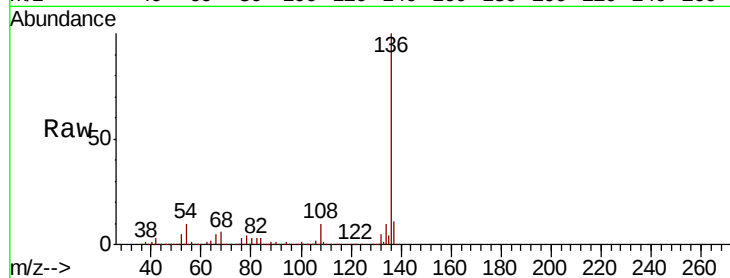
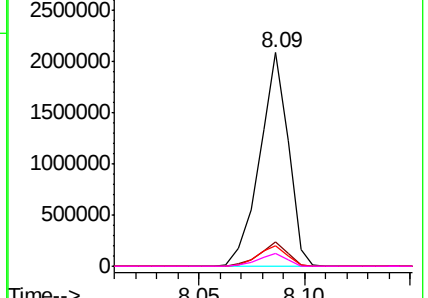
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.8	8.4	12.6
68	6.1	5.0	7.4

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: 63.767 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF111184.D

Acq: 7 Dec 2018 13:59

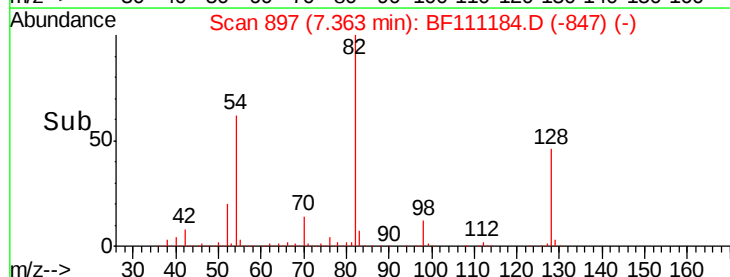
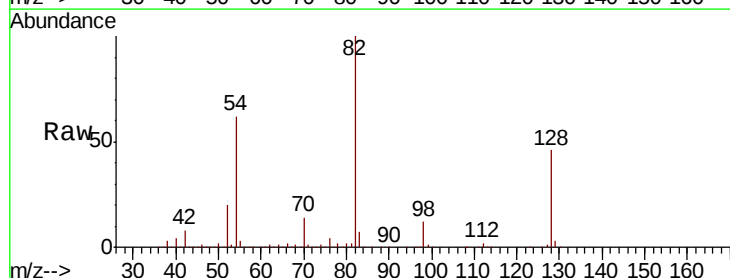
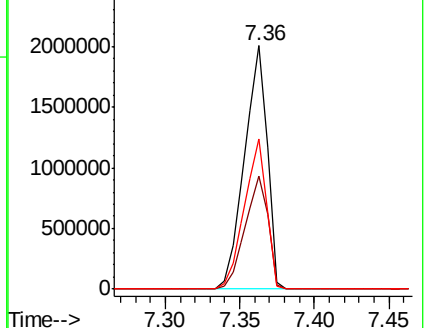
Tgt Ion: 82 Resp: 2114568

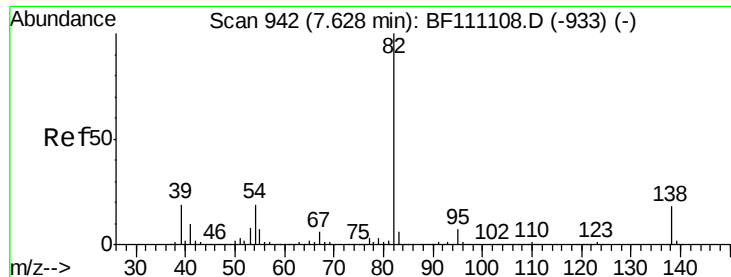
Ion	Ratio	Lower	Upper
82	100		
128	46.2	38.1	57.1
54	61.8	50.3	75.5

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





#25

Isophorone

Concen: 34.294 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF111184.D

Acq: 7 Dec 2018 13:59

Instrument :

BNA_F

ClientSampleId :

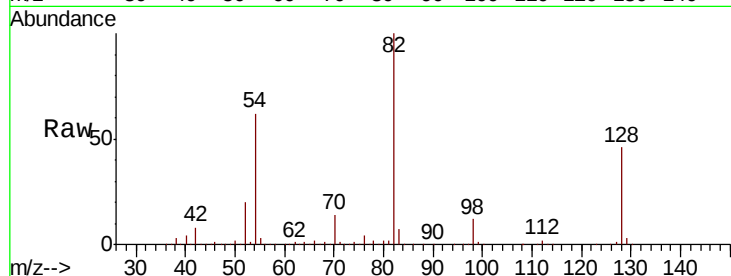
Tot Ion: 82 Resp: 2087016

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

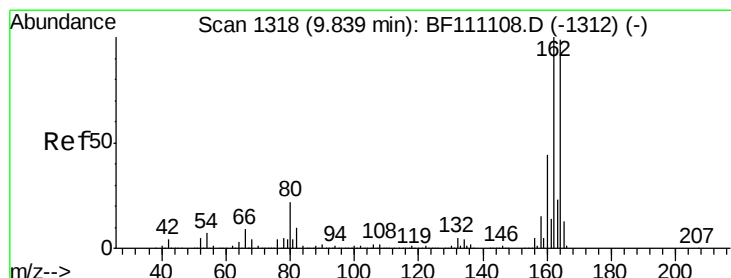
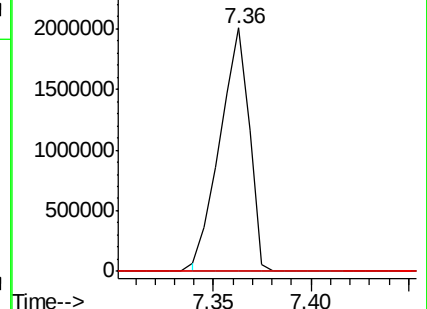
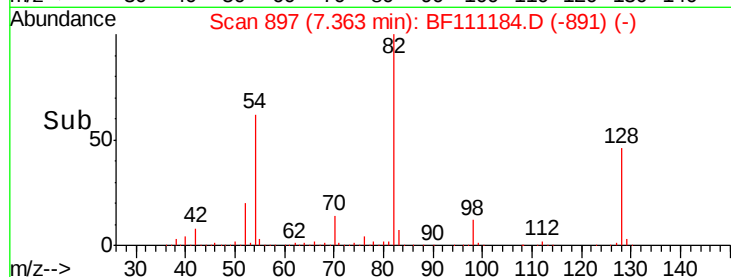
138 0.0 14.6 22.0#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF111184.D

Acq: 7 Dec 2018 13:59

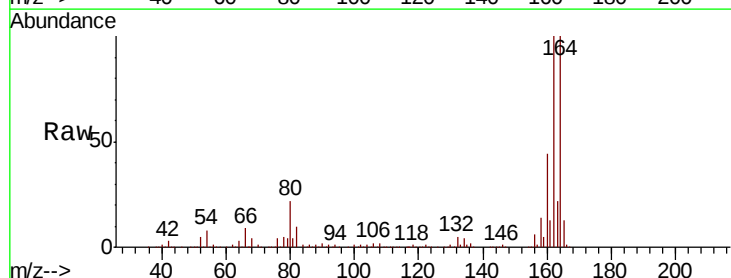
Tgt Ion: 164 Resp: 947355

Ion Ratio Lower Upper

164 100

162 100.0 80.6 120.8

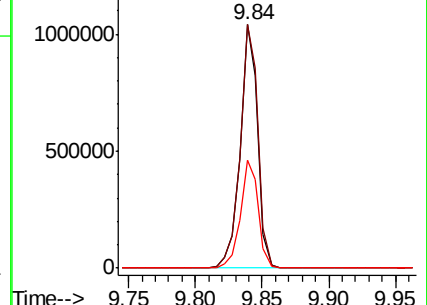
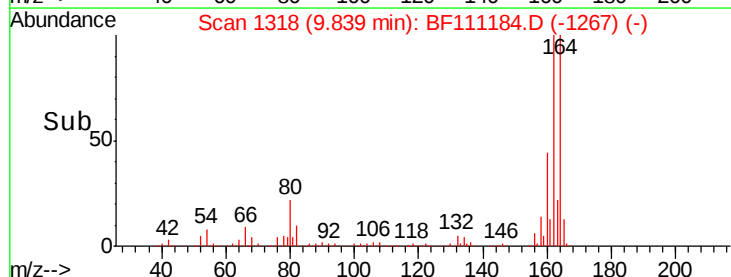
160 44.3 35.5 53.3

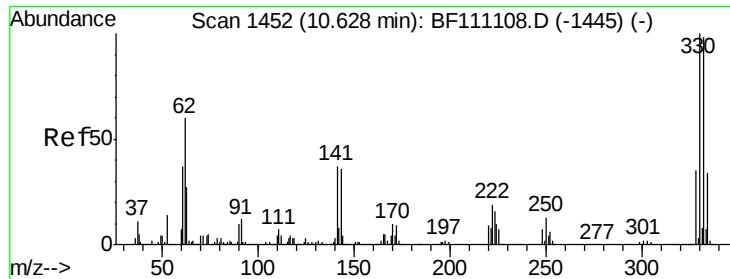


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

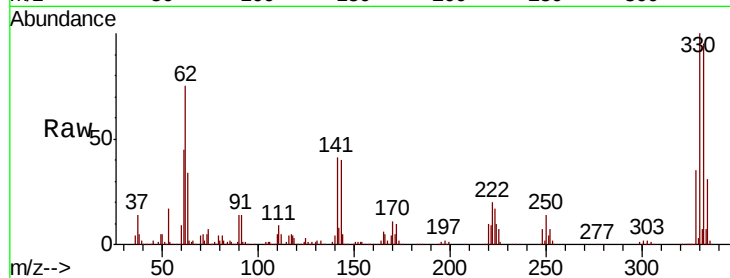




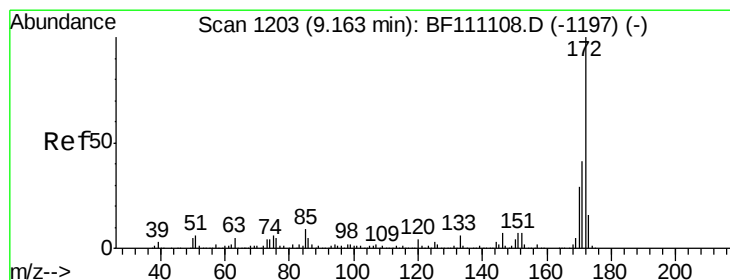
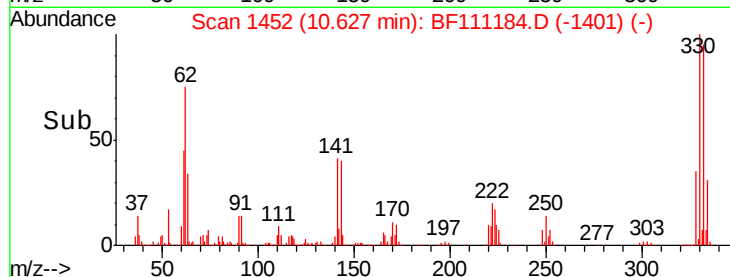
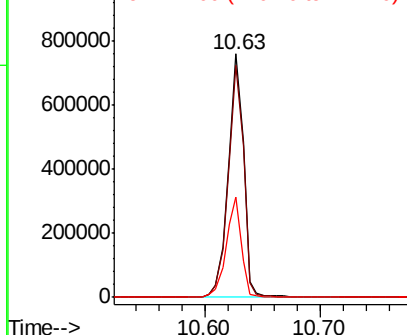
#42
 2,4,6-Tribromophenol
 Concen: 93.033 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF111184.D
 Acq: 7 Dec 2018 13:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 700572
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.2 115.8
 141 40.6 36.1 54.1

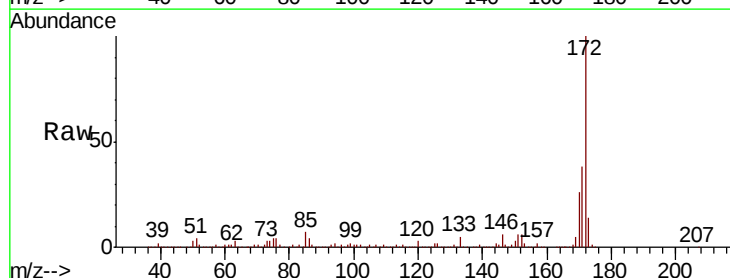


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

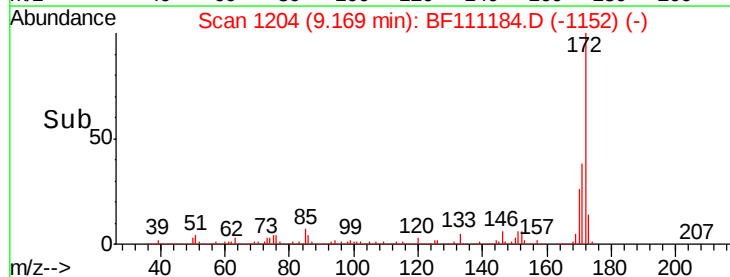
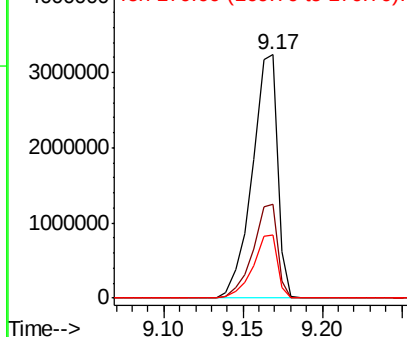


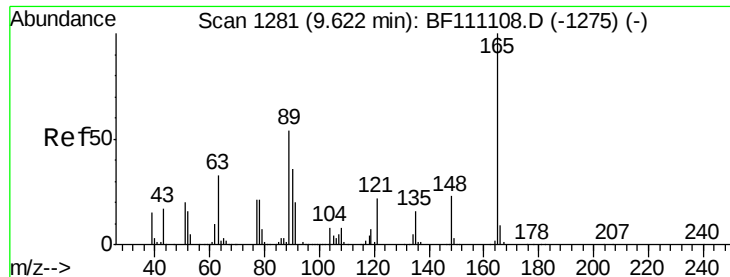
#45
 2-Fluorobiphenyl
 Concen: 67.643 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF111184.D
 Acq: 7 Dec 2018 13:59

Tgt Ion:172 Resp: 3612141
 Ion Ratio Lower Upper
 172 100
 171 38.5 33.2 49.8
 170 26.0 22.9 34.3



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

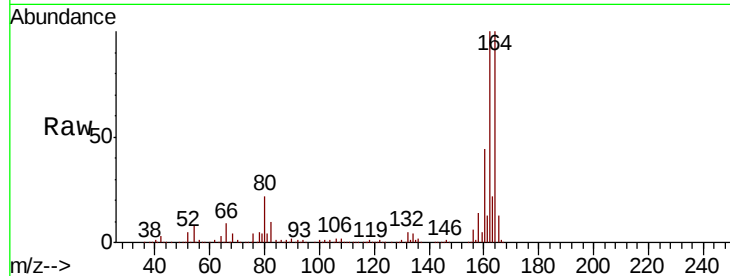




#51
 2,6-Dinitrotoluene
 Concen: 8.802 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.22 min
 Lab File: BF111184.D
 Acq: 7 Dec 2018 13:59

Instrument :
 BNA_F
 ClientSampleId :

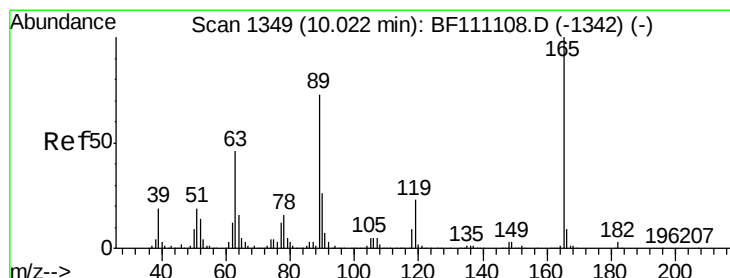
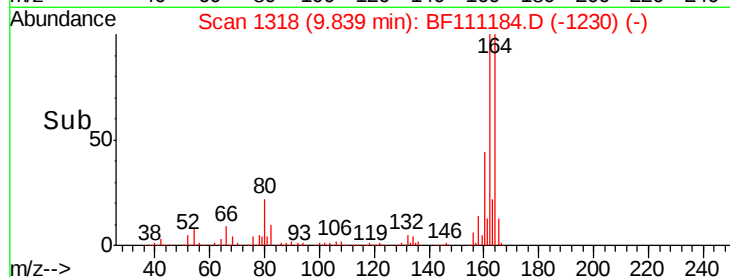
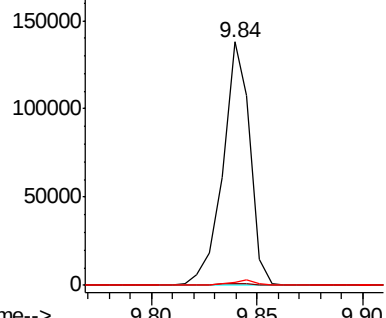
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.1	43.0	64.4#



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



#57
 2,4-Dinitrotoluene
 Concen: 6.816 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.18 min
 Lab File: BF111184.D
 Acq: 7 Dec 2018 13:59

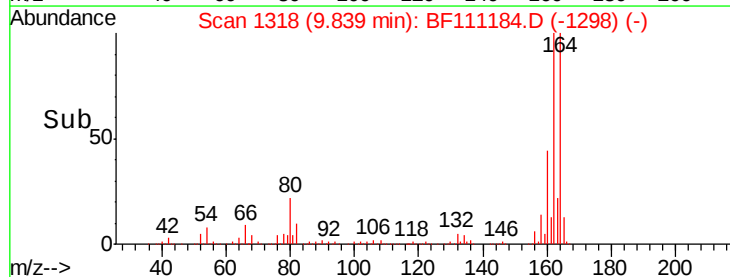
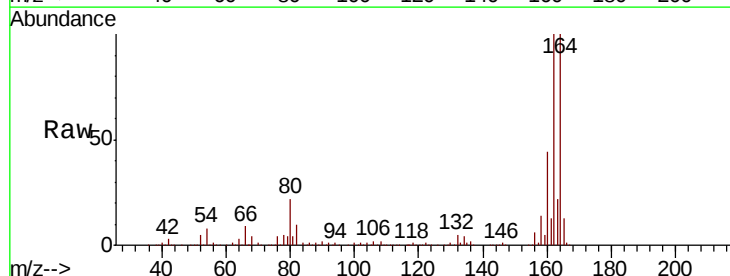
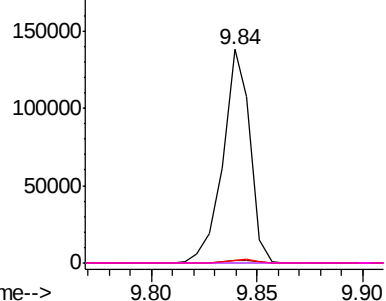
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.7	55.1#
89	1.1	58.4	87.6#
182	0.0	2.1	3.1#

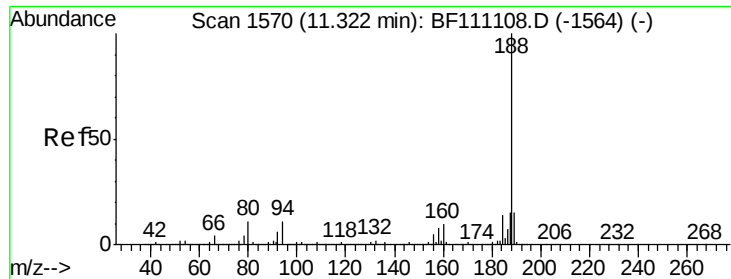
Abundance Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111184.D

Acq: 7 Dec 2018 13:59

Instrument :

BNA_F

ClientSampled :

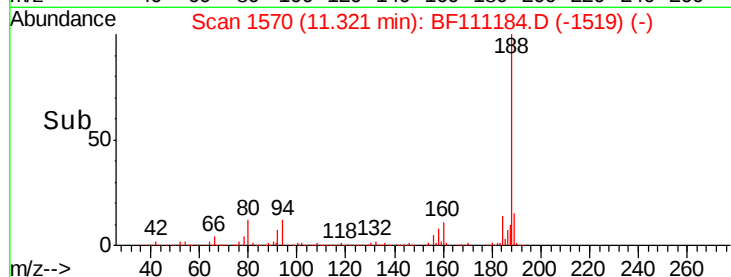
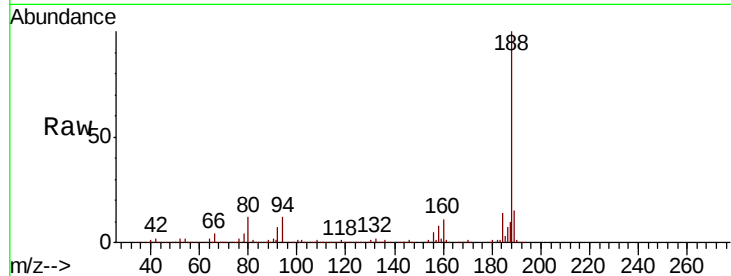
Tot Ion:188 Resp: 1655869

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

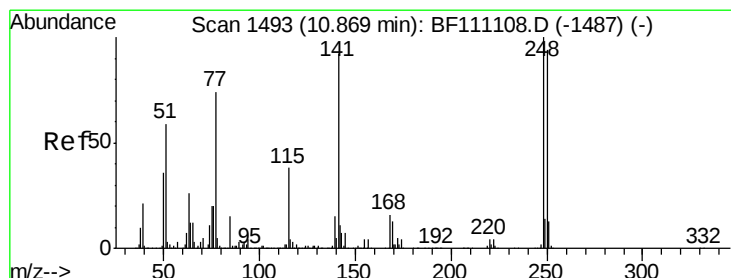
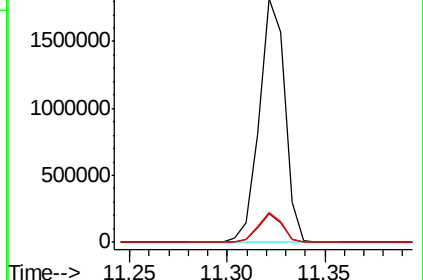
80 12.4 9.0 13.6



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



#67

4-Bromophenyl-phenylether

Concen: 2.722 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BF111184.D

Acq: 7 Dec 2018 13:59

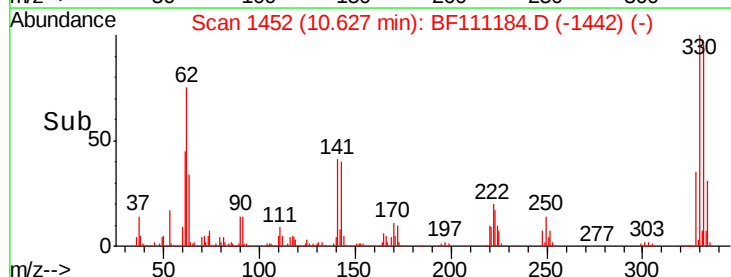
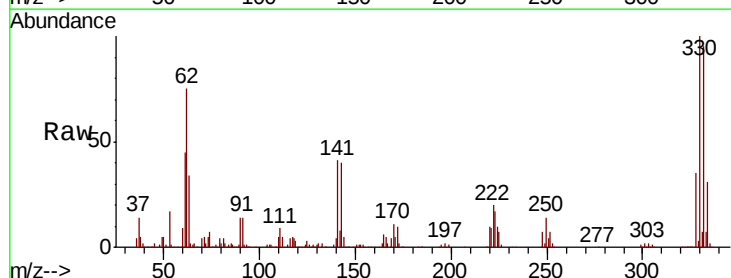
Tgt Ion:248 Resp: 47704

Ion Ratio Lower Upper

248 100

250 193.8 75.4 113.0#

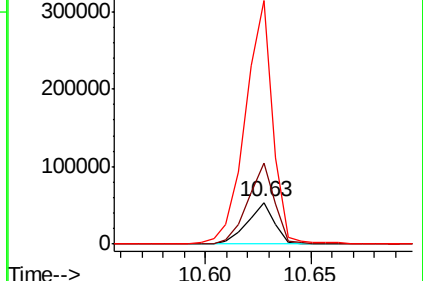
141 586.5 73.8 110.6#

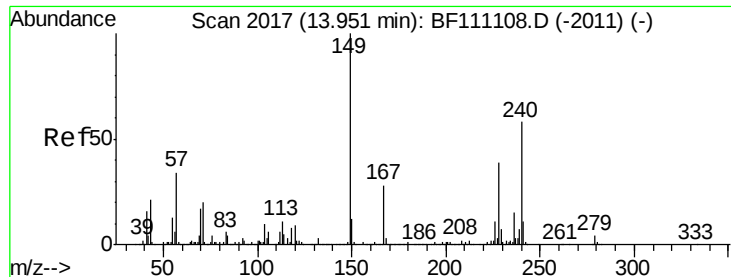


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

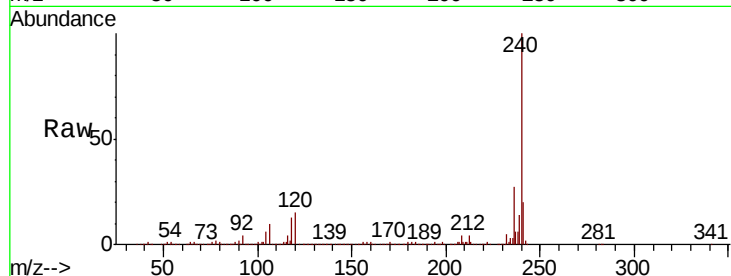




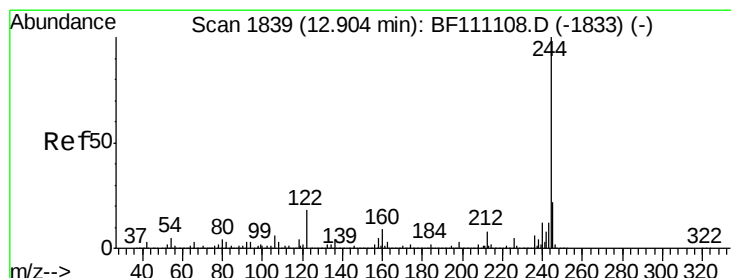
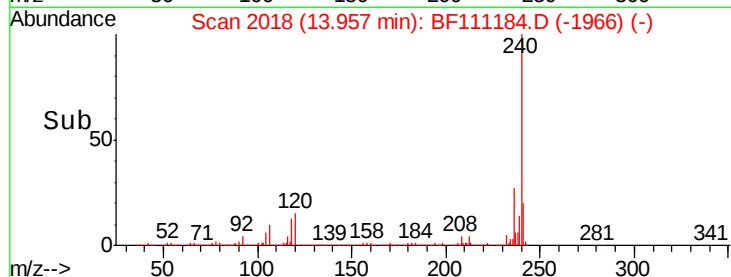
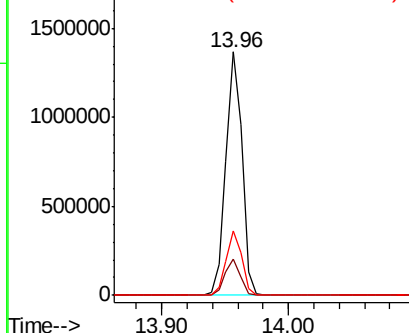
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF111184.D
 Acq: 7 Dec 2018 13:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 1209004
 Ion Ratio Lower Upper
 240 100
 120 14.9 12.8 19.2
 236 26.7 21.1 31.7

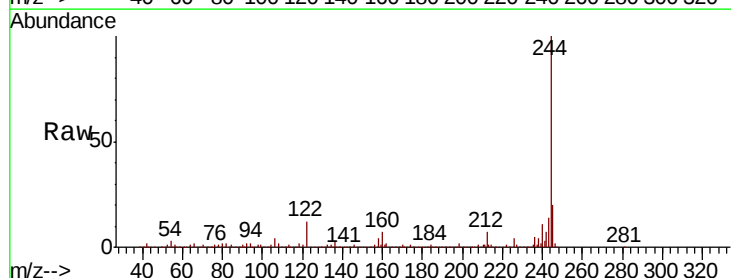


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

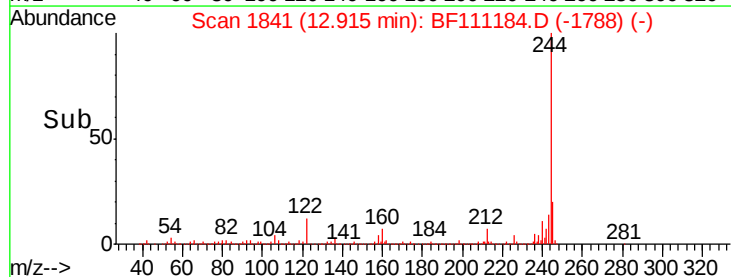
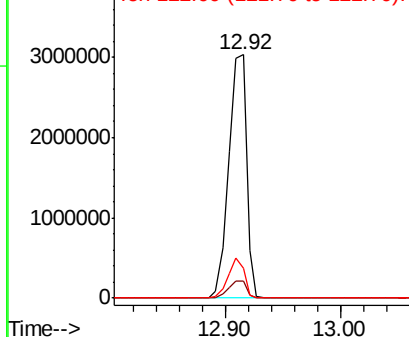


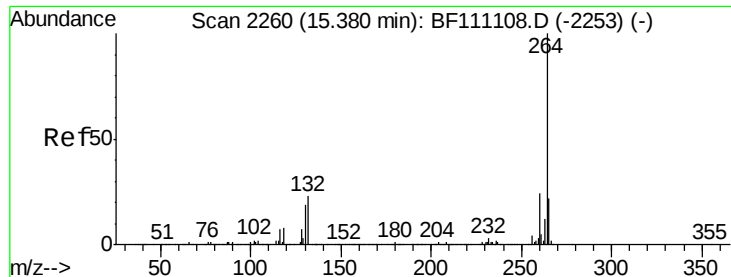
#79
 Terphenyl-d14
 Concen: 55.037 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF111184.D
 Acq: 7 Dec 2018 13:59

Tgt Ion:244 Resp: 3249057
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.6 9.8
 122 12.4 14.2 21.2#



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

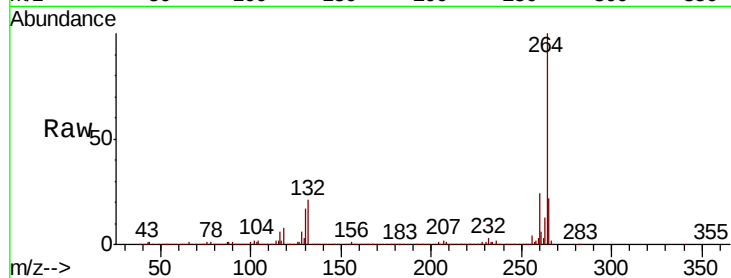




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. 0.02 min
 Lab File: BF111184.D
 Acq: 7 Dec 2018 13:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.9	17.4	26.0



Abundance

Ion 264.00 (263.70 to 264.70): E

1000000

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

