

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110508.D
 Acq On : 6 Nov 2018 12:04
 Operator : JU/SJ
 Sample : J5745-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 13:58:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

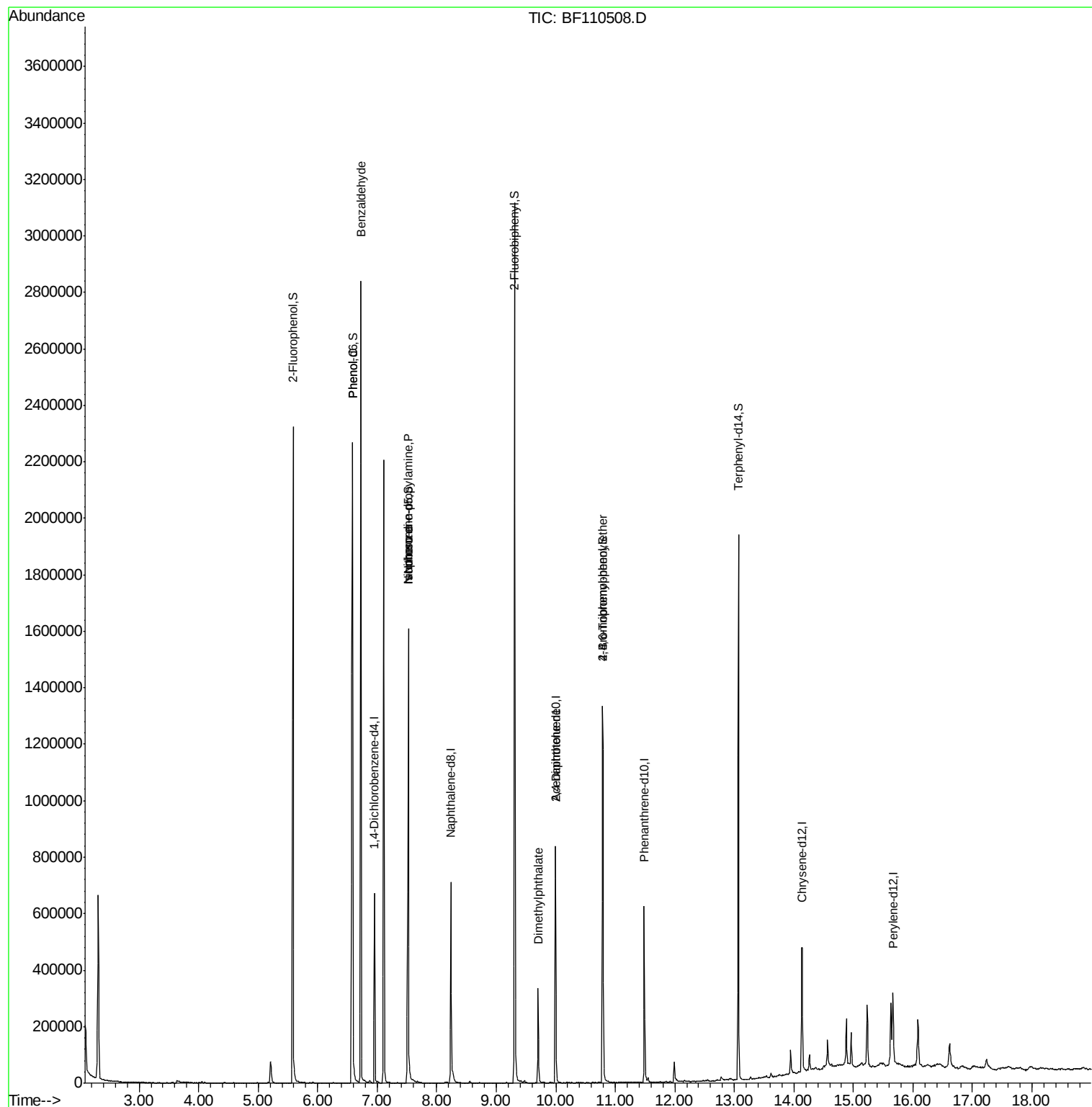
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	103803	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	411162	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	175379	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	273764	20.00	ng	0.00
76) Chrysene-d12	14.14	240	180117	20.00	ng	0.00
87) Perylene-d12	15.66	264	140185	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	716179	112.35	ng	0.01
7) Phenol-d6	6.59	99	909367	111.53	ng	0.00
23) Nitrobenzene-d5	7.52	82	558946	80.63	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	167628	96.49	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	971916	87.02	ng	0.00
79) Terphenyl-d14	13.07	244	616570	71.19	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	16950	2.139	ng	83
10) Phenol	6.59	94	38053	4.366	ng	# 77
19) n-Nitroso-di-n-propylamine	7.52	70	74692	14.280	ng	# 79
25) Isophorone	7.52	82	558939	47.302	ng	# 67
50) Dimethylphthalate	9.70	163	163756	12.649	ng	99
57) 2,4-Dinitrotoluene	10.00	165	21579	6.092	ng	# 20
67) 4-Bromophenyl-phenylether	10.79	248	10961	3.691	ng	# 1

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

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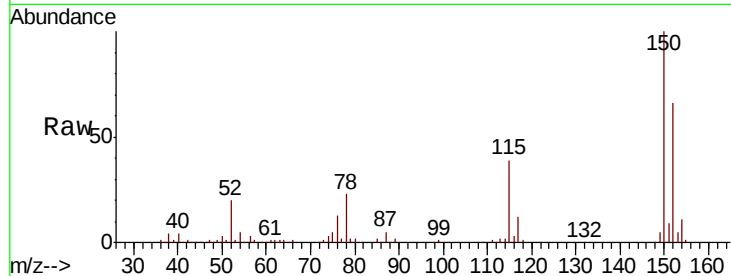


#1

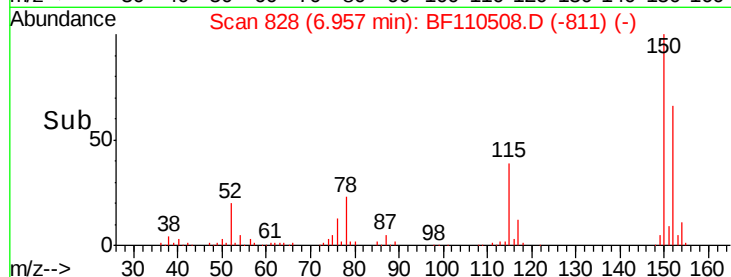
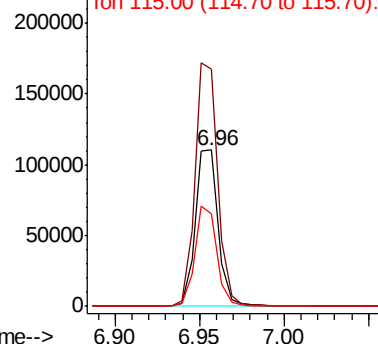
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110508.D
Acq: 6 Nov 2018 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103803
Ion Ratio Lower Upper
152 100
150 152.0 122.7 184.1
115 58.9 49.1 73.7



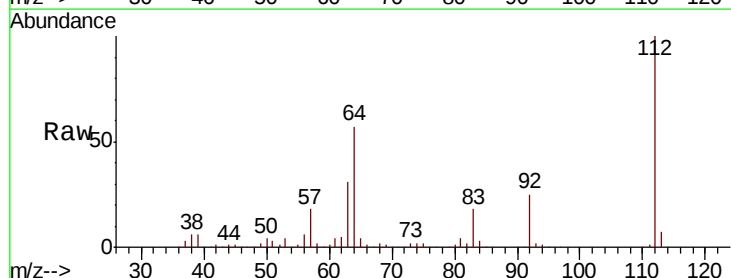
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



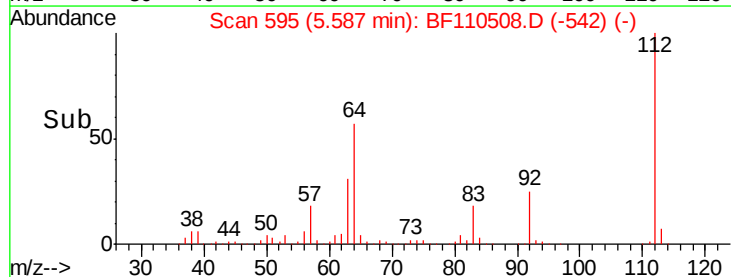
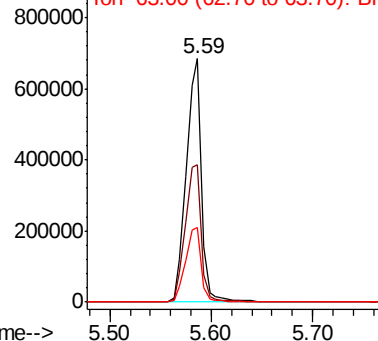
#5

2-Fluorophenol
Concen: 112.354 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110508.D
Acq: 6 Nov 2018 12:04

Tgt Ion:112 Resp: 716179
Ion Ratio Lower Upper
112 100
64 56.7 44.1 66.1
63 30.6 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: 111.534 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110508.D

Acq: 6 Nov 2018 12:04

Instrument :

BNA_F

ClientSampled :

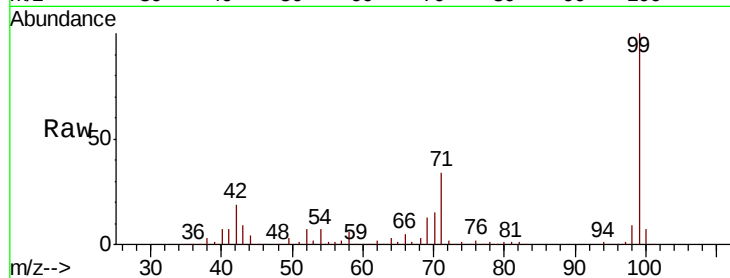
Tot Ion: 99 Resp: 909367

Ion Ratio Lower Upper

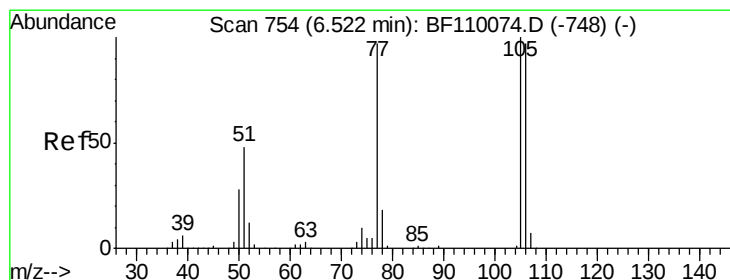
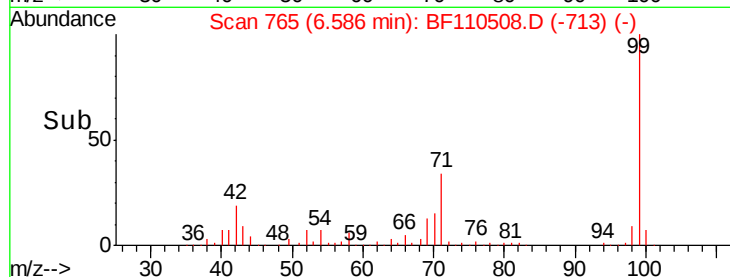
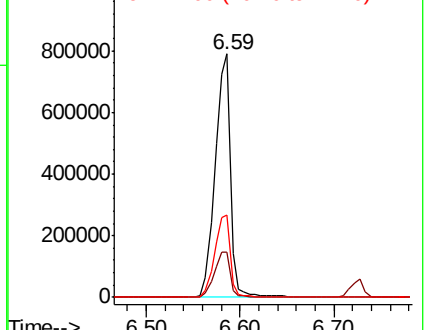
99 100

42 18.6 15.8 23.6

71 34.1 28.0 42.0



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



#9

Benzaldehyde

Concen: 2.139 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.22 min

Lab File: BF110508.D

Acq: 6 Nov 2018 12:04

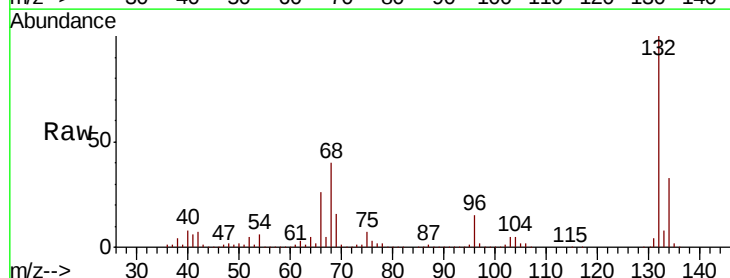
Tgt Ion: 77 Resp: 16950

Ion Ratio Lower Upper

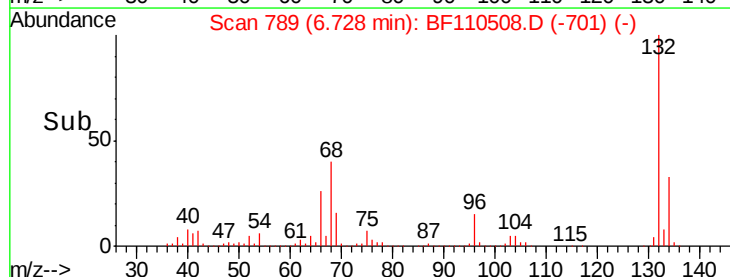
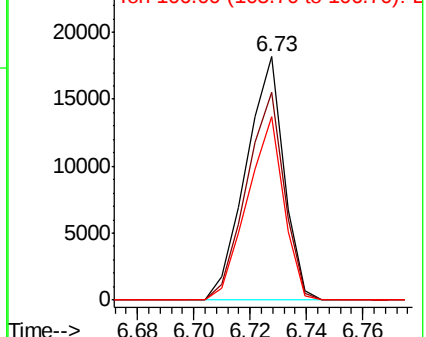
77 100

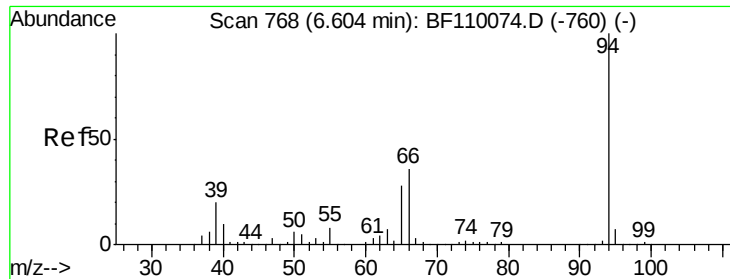
105 85.2 78.6 118.6

106 75.3 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

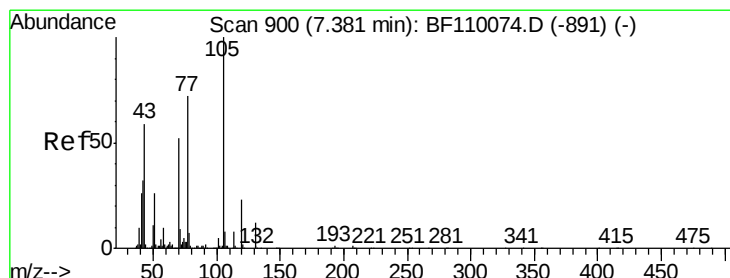
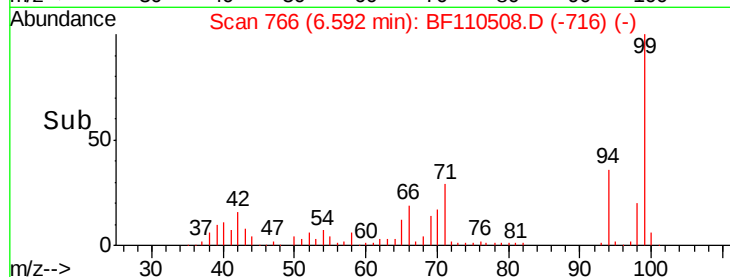
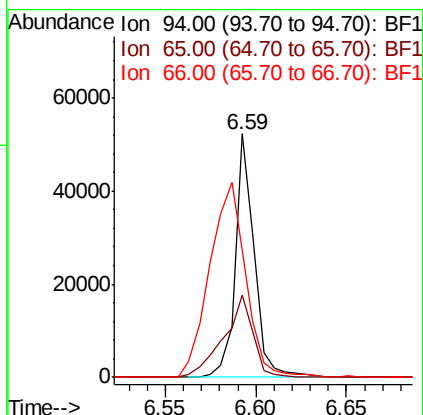
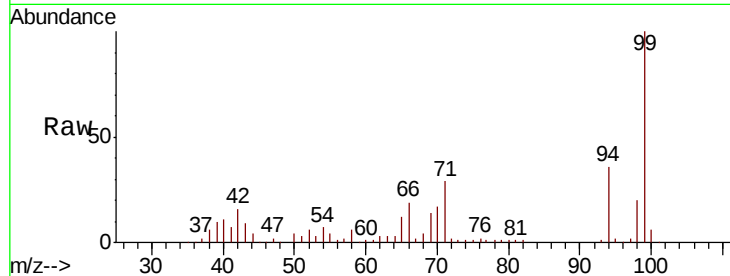




#10
Phenol
Concen: 4.366 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110508.D
Acq: 6 Nov 2018 12:04

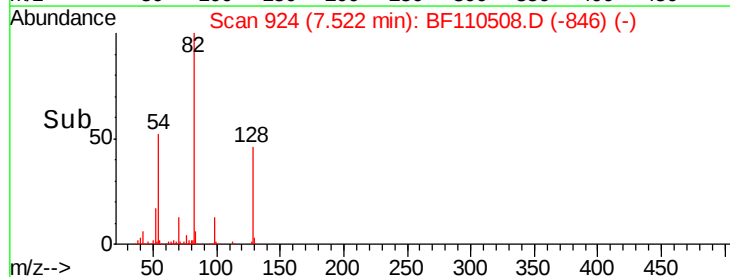
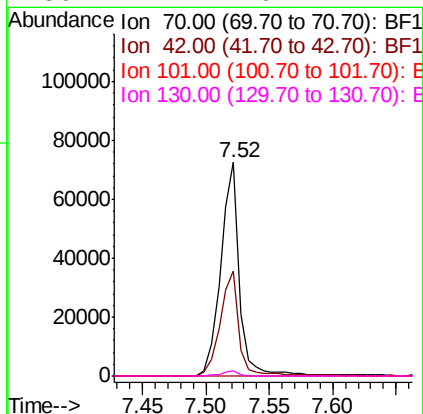
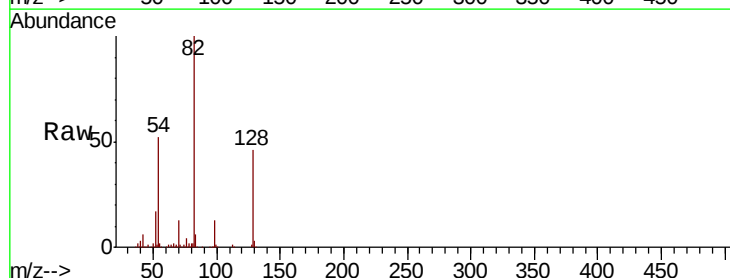
Instrument :
BNA_F
ClientSampleId :

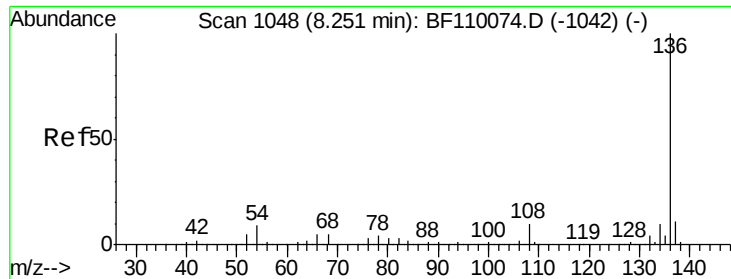
Tot Ion: 94 Resp: 38053
Ion Ratio Lower Upper
94 100
65 33.6 25.3 65.3
66 52.1 54.5 94.5#



#19
n-Nitroso-di-n-propylamine
Concen: 14.280 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110508.D
Acq: 6 Nov 2018 12:04

Tgt Ion: 70 Resp: 74692
Ion Ratio Lower Upper
70 100
42 49.0 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110508.D

Acq: 6 Nov 2018 12:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 411162

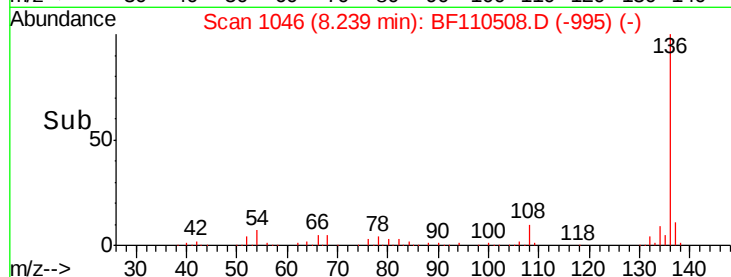
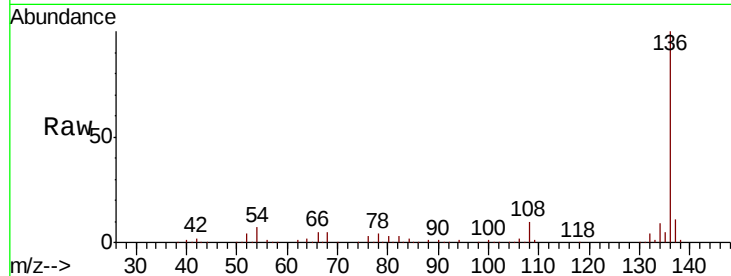
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.2 5.4 8.2

68 5.0 4.2 6.2

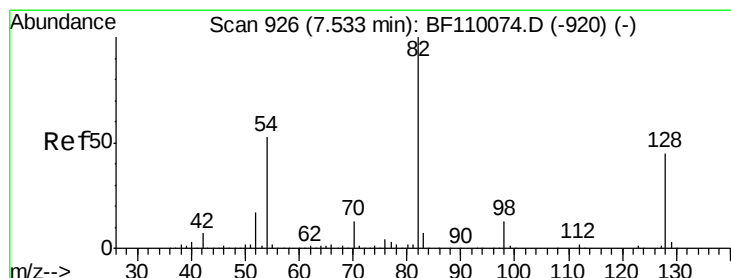
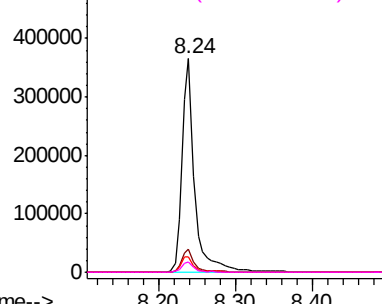


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.632 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF110508.D

Acq: 6 Nov 2018 12:04

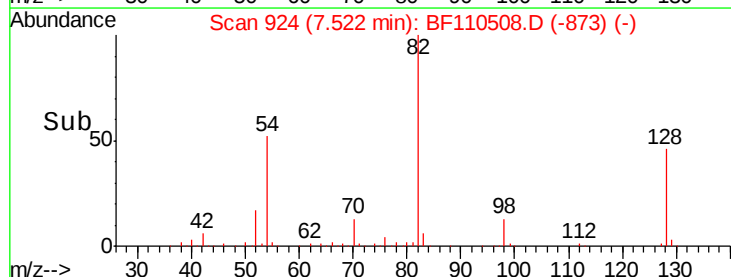
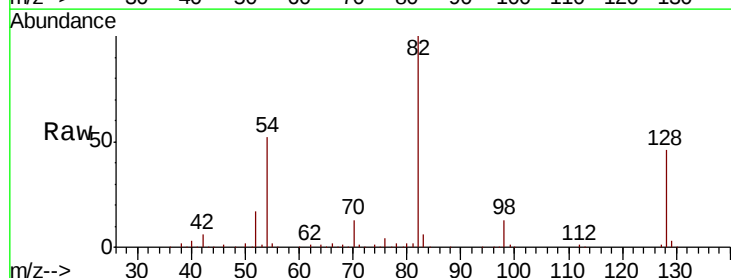
Tgt Ion: 82 Resp: 558946

Ion Ratio Lower Upper

82 100

128 45.9 34.2 51.2

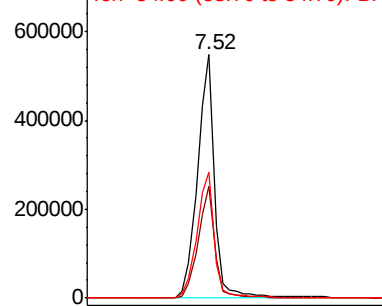
54 52.0 38.6 58.0

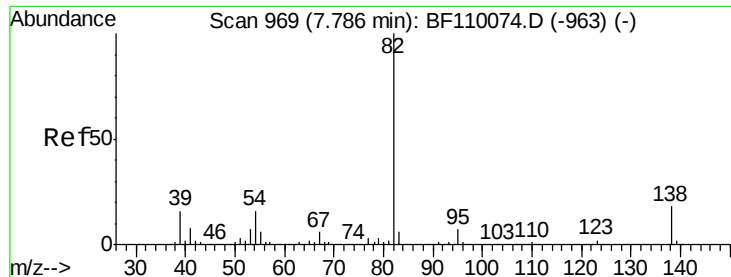


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

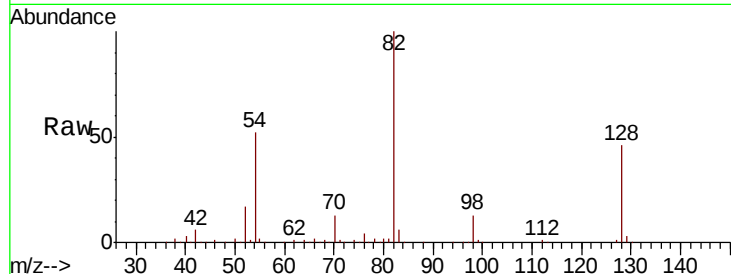




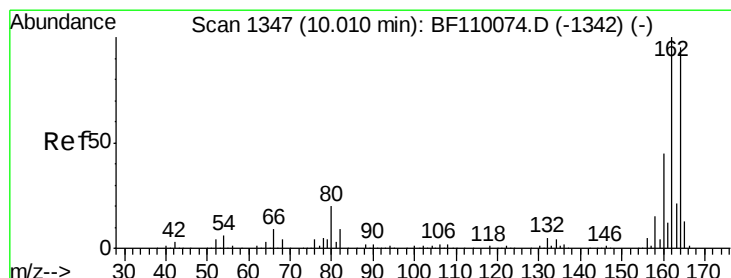
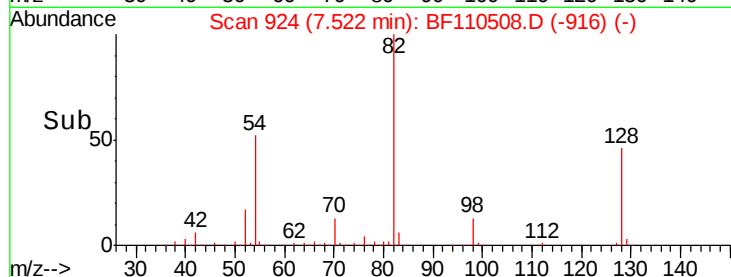
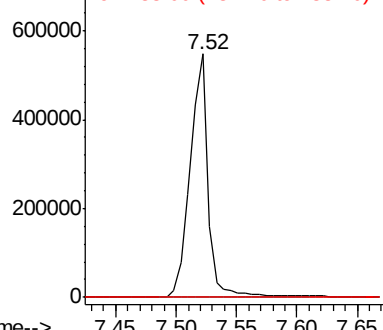
#25
Isophorone
Concen: 47.302 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110508.D
Acq: 6 Nov 2018 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 558939
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

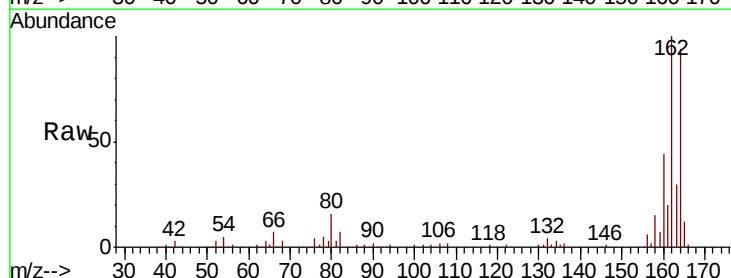


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

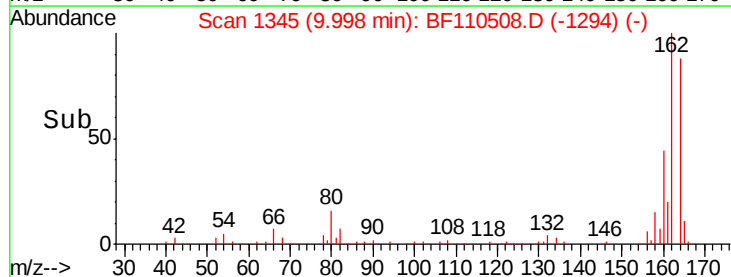
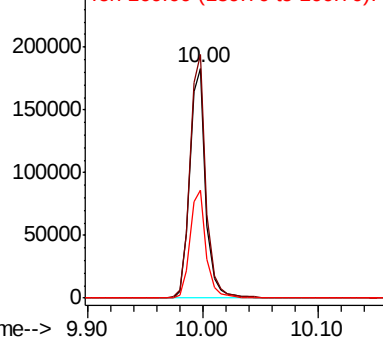


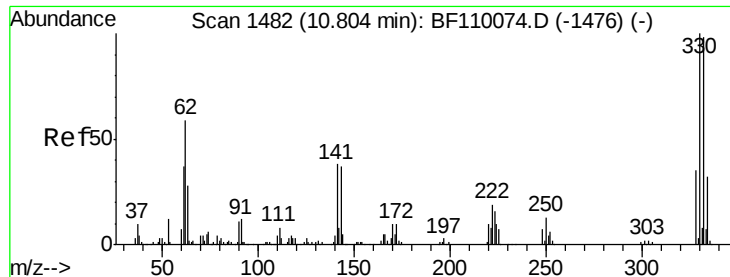
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110508.D
Acq: 6 Nov 2018 12:04

Tgt Ion:164 Resp: 175379
Ion Ratio Lower Upper
164 100
162 106.1 83.0 124.6
160 47.1 37.0 55.6



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

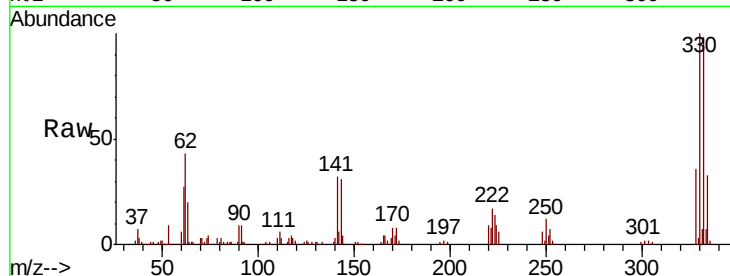




#42
 2,4,6-Tribromophenol
 Concen: 96.491 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF110508.D
 Acq: 6 Nov 2018 12:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.1	115.7
141	38.0	27.0	40.4

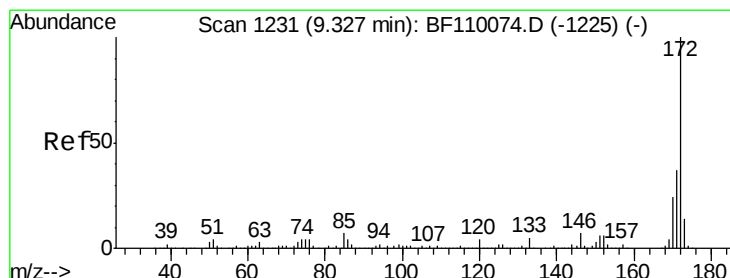
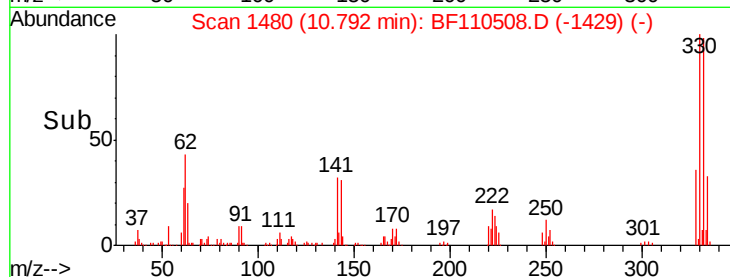
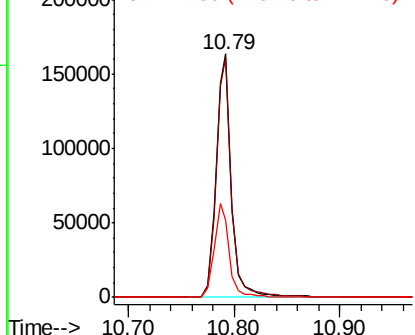


Abundance

Ion 329.80 (329.50 to 330.50): E

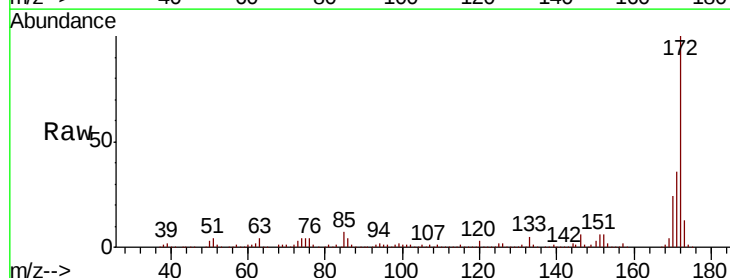
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.021 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110508.D
 Acq: 6 Nov 2018 12:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.7	19.7	29.5

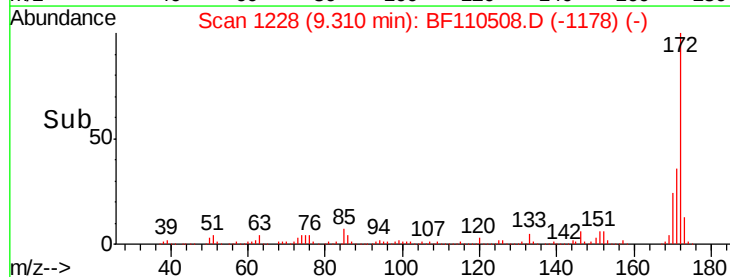
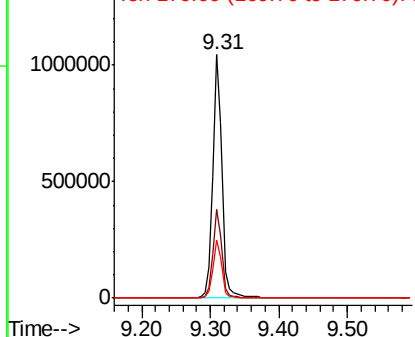


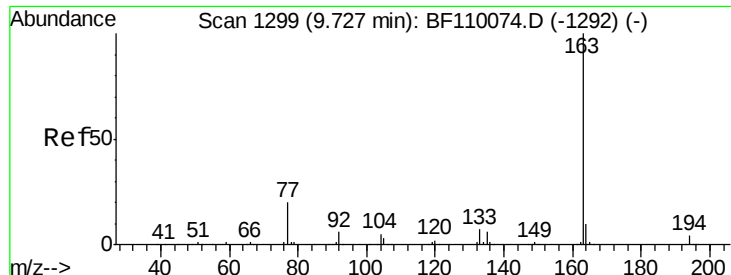
Abundance

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

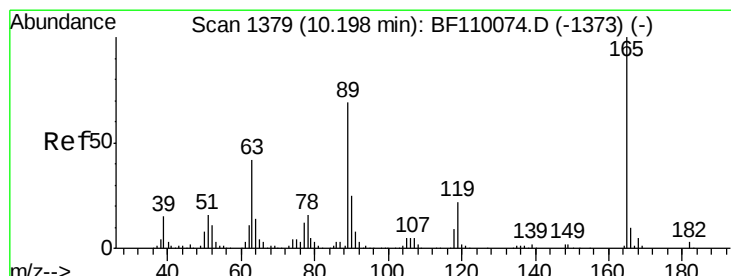
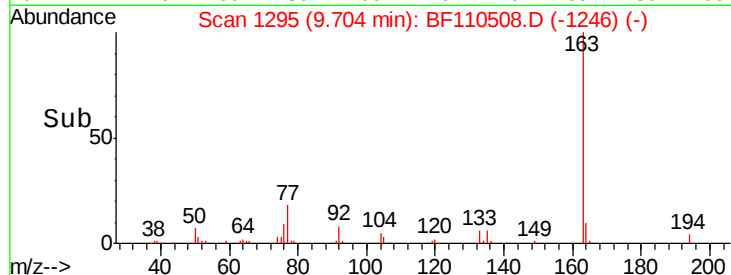
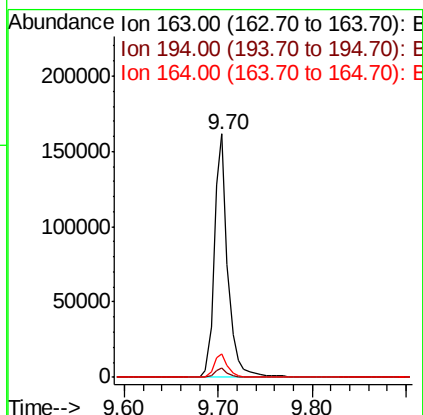
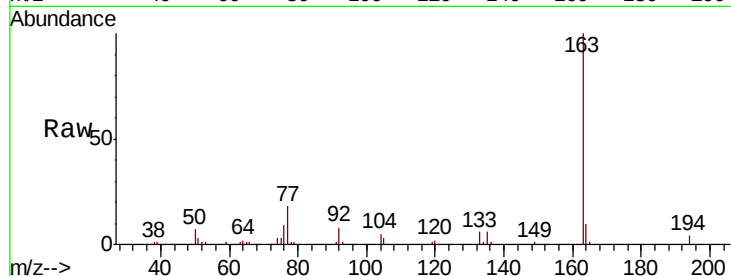




#50
Dimethylphthalate
Concen: 12.649 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110508.D
Acq: 6 Nov 2018 12:04

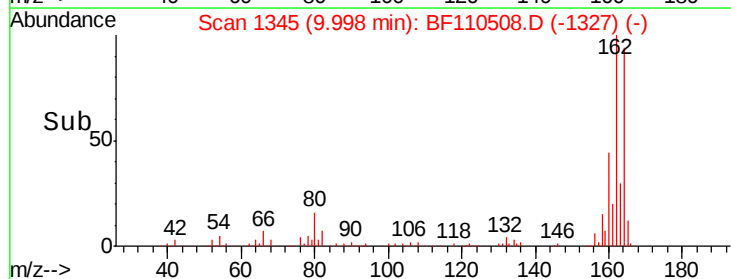
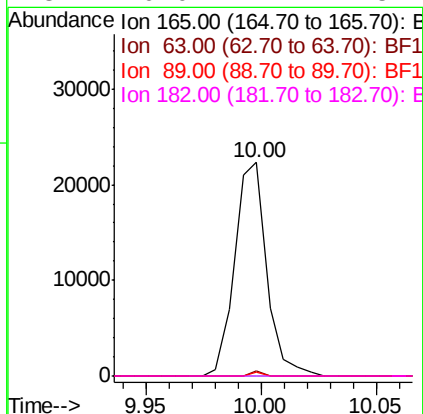
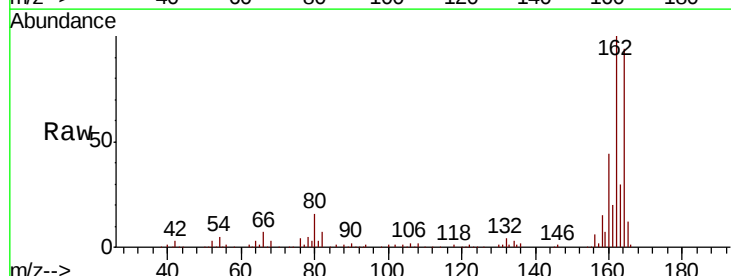
Instrument :
BNA_F
ClientSampleId :

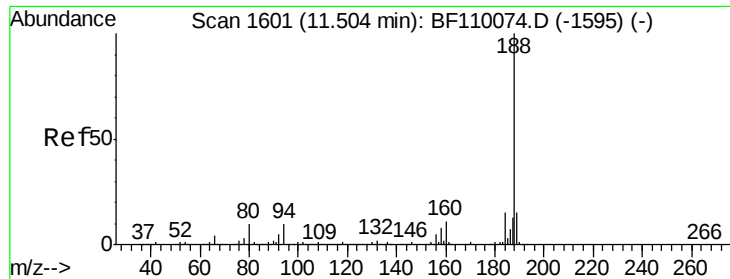
Tot Ion:163 Resp: 163756
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.6 8.1 12.1



#57
2,4-Dinitrotoluene
Concen: 6.092 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110508.D
Acq: 6 Nov 2018 12:04

Tgt Ion:165 Resp: 21579
Ion Ratio Lower Upper
165 100
63 2.2 44.8 67.2#
89 2.0 62.2 93.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110508.D

Acq: 6 Nov 2018 12:04

Instrument :

BNA_F

ClientSampleId :

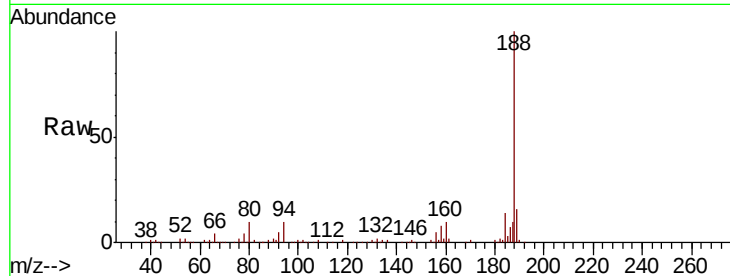
Tot Ion:188 Resp: 273764

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

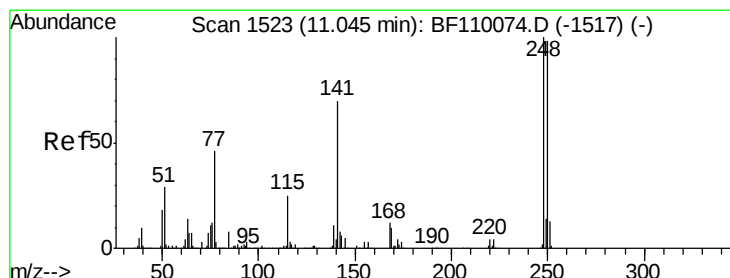
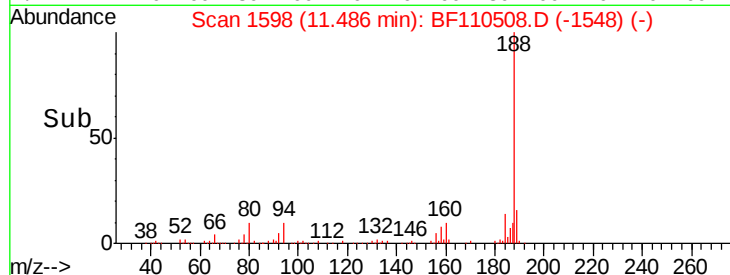
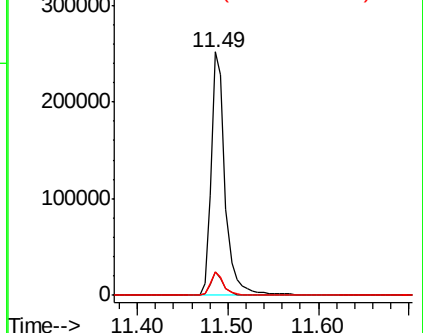
80 9.9 7.9 11.9



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: 3.691 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.24 min

Lab File: BF110508.D

Acq: 6 Nov 2018 12:04

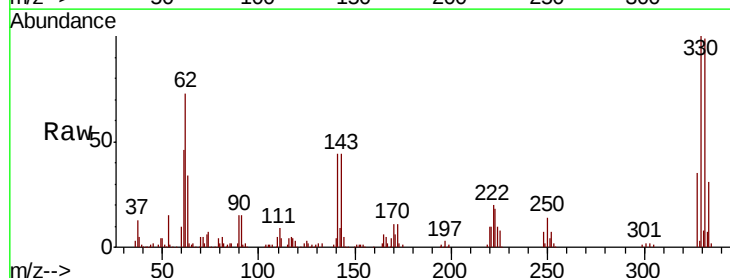
Tgt Ion:248 Resp: 10961

Ion Ratio Lower Upper

248 100

250 189.1 79.4 119.2#

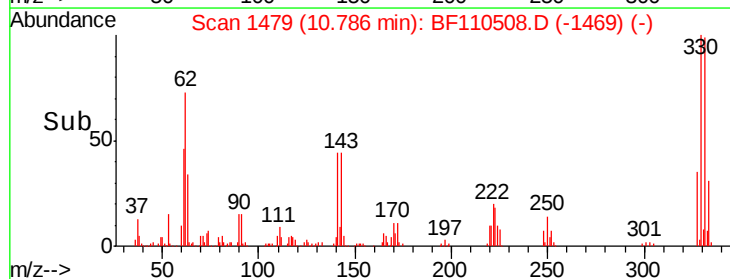
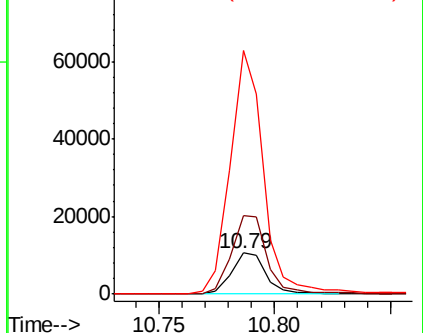
141 589.2 55.9 83.9#

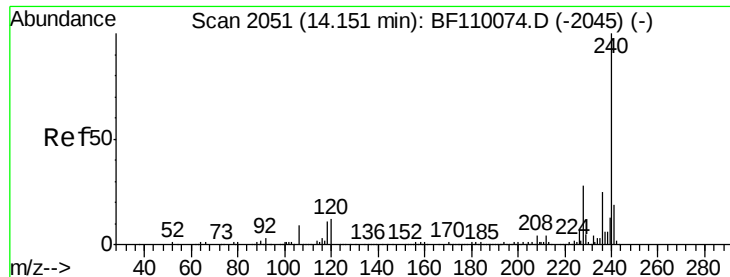


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF110508.D

Acq: 6 Nov 2018 12:04

Instrument :

BNA_F

ClientSampleId :

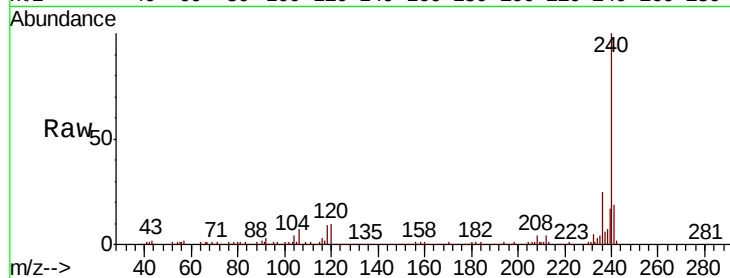
Tot Ion:240 Resp: 180117

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

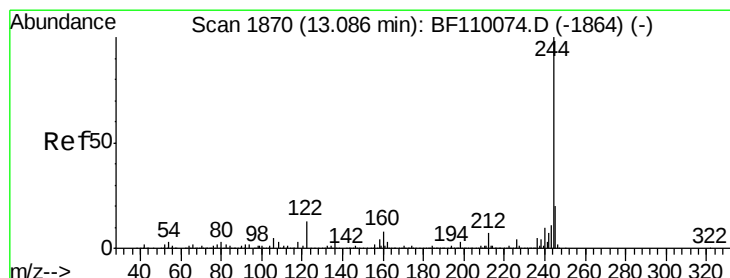
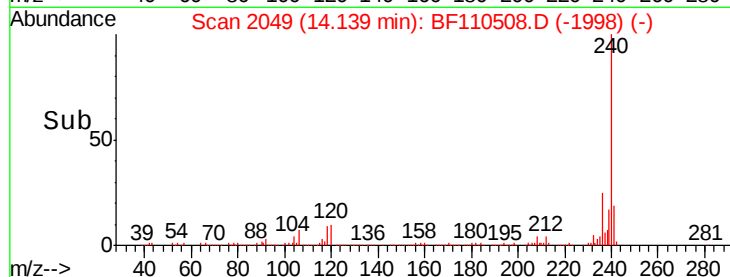
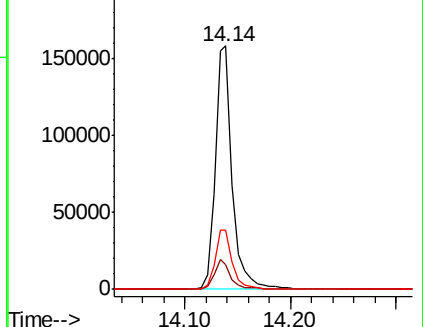
236 24.5 21.2 31.8



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: 71.192 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110508.D

Acq: 6 Nov 2018 12:04

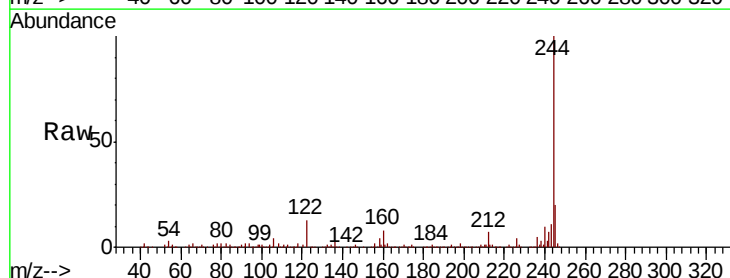
Tgt Ion:244 Resp: 616570

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

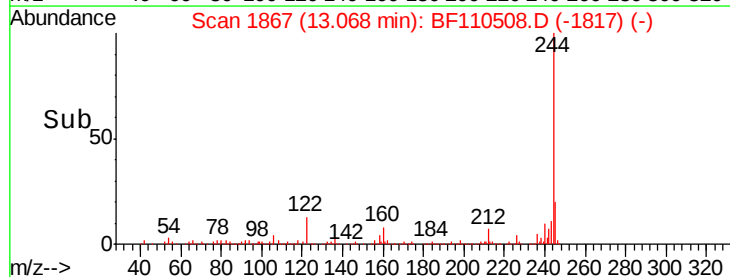
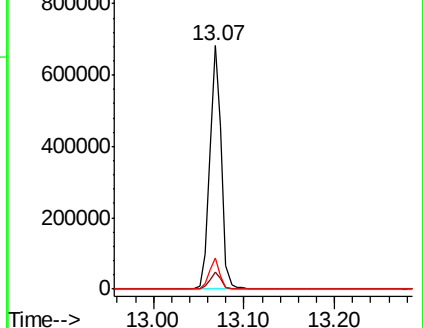
122 12.6 8.7 13.1

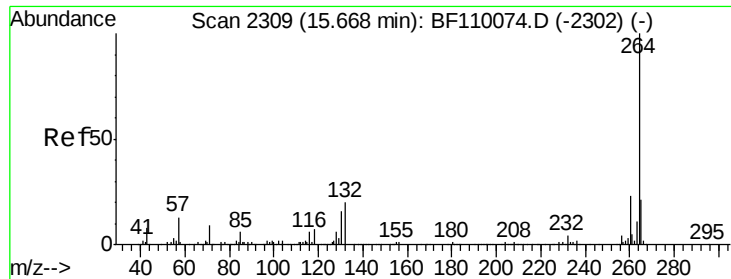


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110508.D
Acq: 6 Nov 2018 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.3	16.7	25.1

