

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110521.D
 Acq On : 6 Nov 2018 18:02
 Operator : JU/SJ
 Sample : J5822-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 08:44:07 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

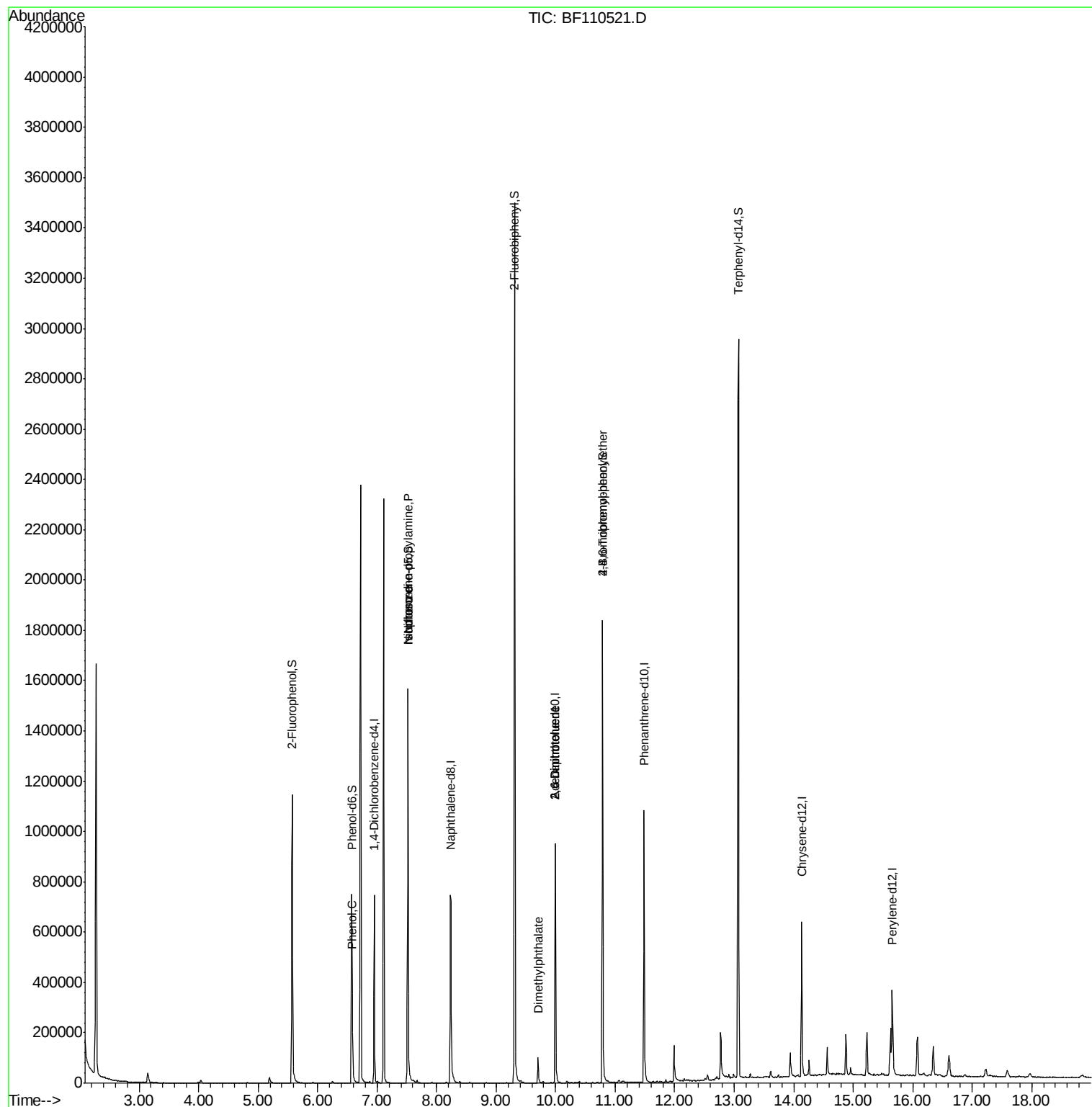
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	106830	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	446566	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	222673	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	431576	20.00	ng	0.00
76) Chrysene-d12	14.13	240	225894	20.00	ng	0.00
87) Perylene-d12	15.66	264	196768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	325651	49.64	ng	0.00
7) Phenol-d6	6.57	99	260275	31.02	ng	0.00
23) Nitrobenzene-d5	7.52	82	590270	78.40	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	239033	108.37	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1140889	80.45	ng	0.00
79) Terphenyl-d14	13.07	244	1069330	98.45	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	619	Below Cal	#	1
10) Phenol	6.59	94	36144	4.03	ng	66
19) n-Nitroso-di-n-propylamine	7.52	70	76717	14.25	ng	79
25) Isophorone	7.52	82	590266	45.99	ng	67
50) Dimethylphthalate	9.70	163	54981	3.34	ng	100
51) 2,6-Dinitrotoluene	9.99	165	28580	8.07	ng	22
57) 2,4-Dinitrotoluene	9.99	165	28580	6.35	ng	18
67) 4-Bromophenyl-phenylether	10.79	248	15010	3.21	ng	1

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

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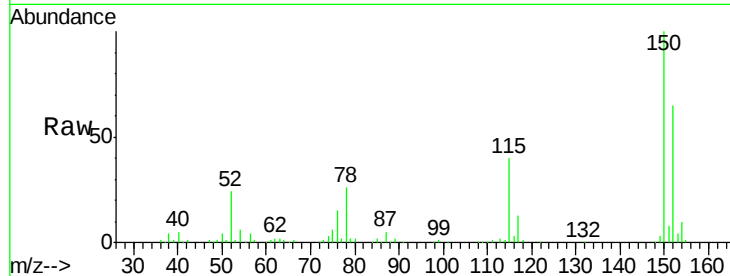


#1

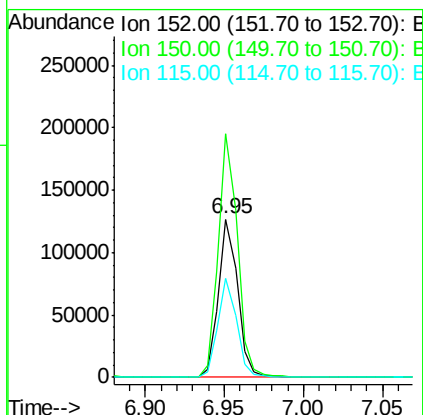
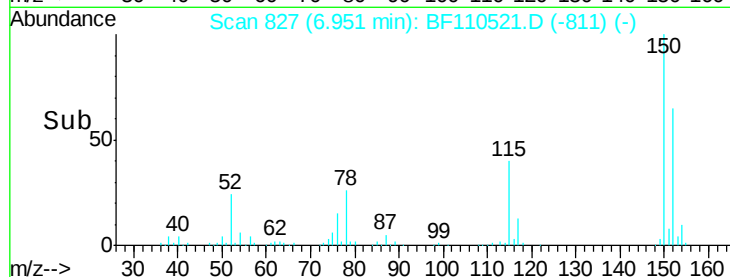
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110521.D
Acq: 6 Nov 2018 18:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 106830
Ion Ratio Lower Upper
152 100
150 153.8 122.7 184.1
115 62.2 49.1 73.7



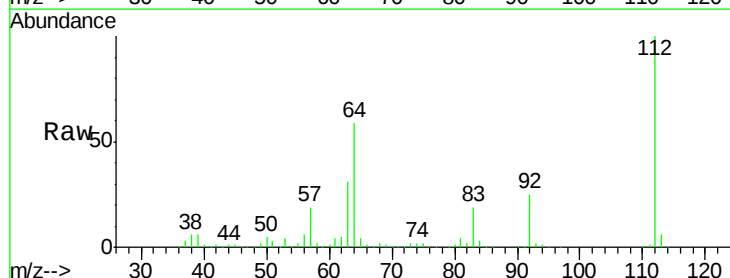
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



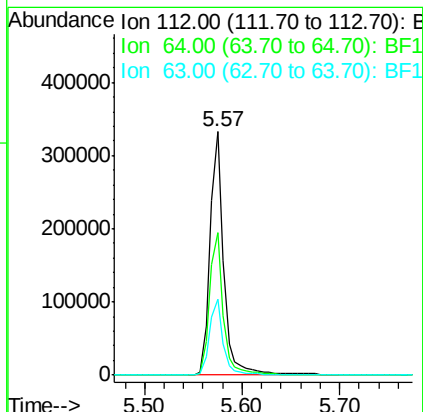
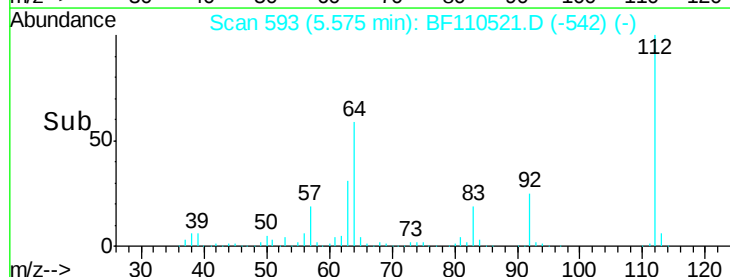
#5

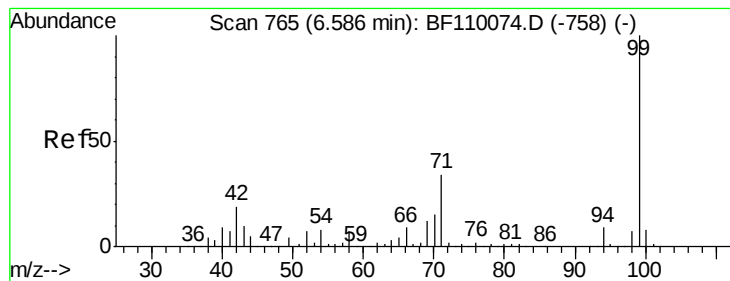
2-Fluorophenol
Concen: 49.64 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110521.D
Acq: 6 Nov 2018 18:02

Tgt Ion:112 Resp: 325651
Ion Ratio Lower Upper
112 100
64 58.5 44.1 66.1
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: 31.02 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110521.D

Acq: 6 Nov 2018 18:02

Instrument :

BNA_F

ClientSampleId :

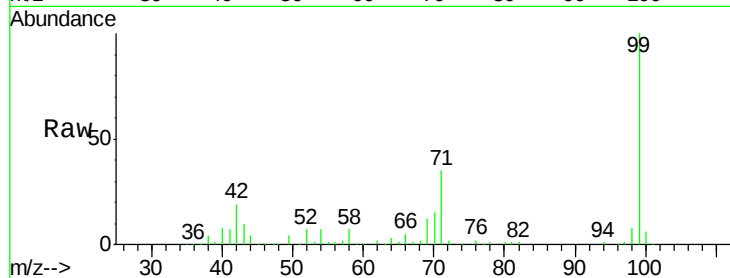
Tot Ion: 99 Resp: 260275

Ion Ratio Lower Upper

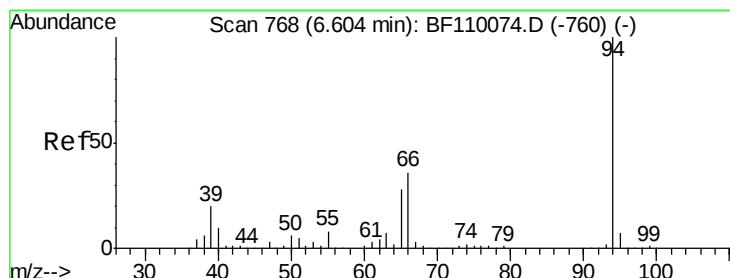
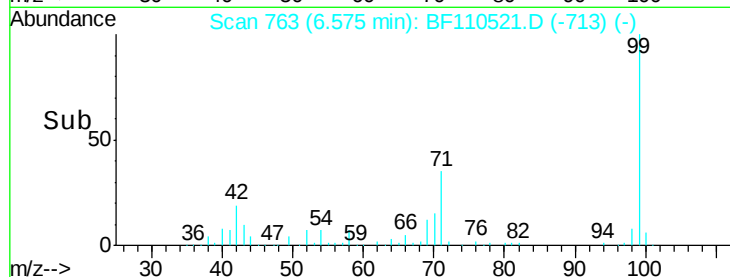
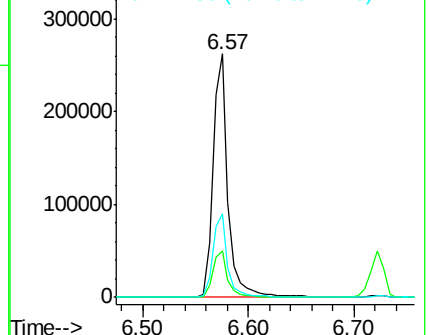
99 100

42 19.0 15.8 23.6

71 34.5 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



#10

Phenol

Concen: 4.03 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110521.D

Acq: 6 Nov 2018 18:02

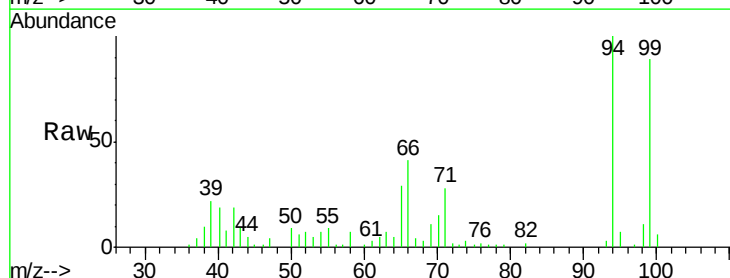
Tgt Ion: 94 Resp: 36144

Ion Ratio Lower Upper

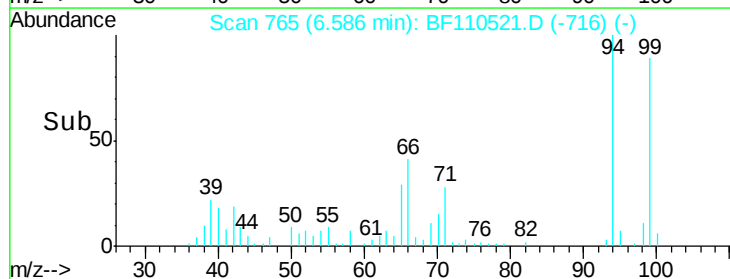
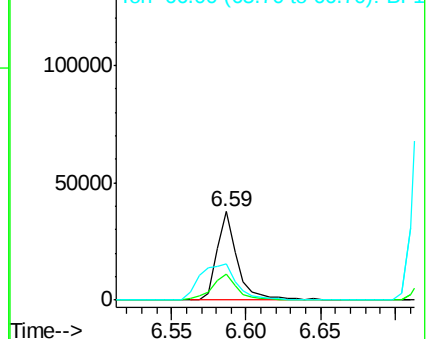
94 100

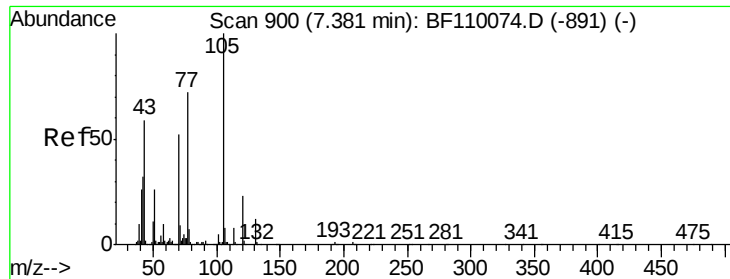
65 28.9 25.3 65.3

66 41.3 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

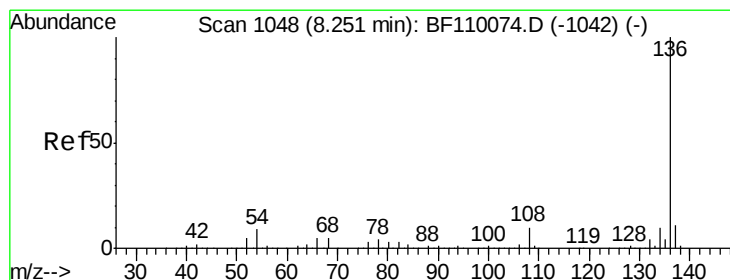
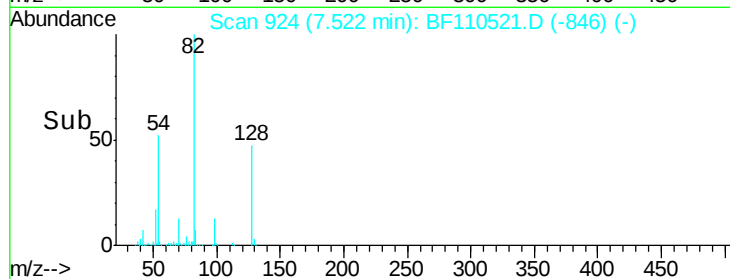
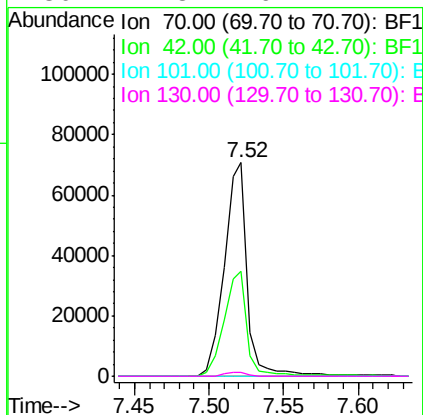
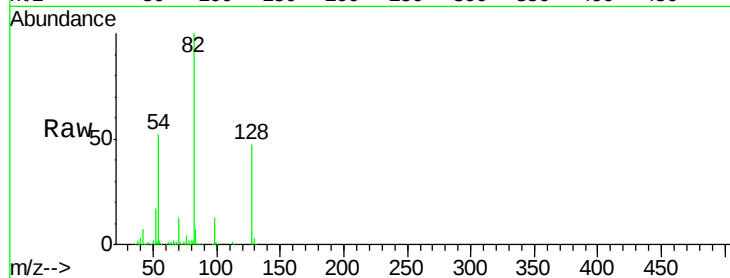




#19
n-Nitroso-di-n-propylamine
Concen: 14.25 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110521.D
Acq: 6 Nov 2018 18:02

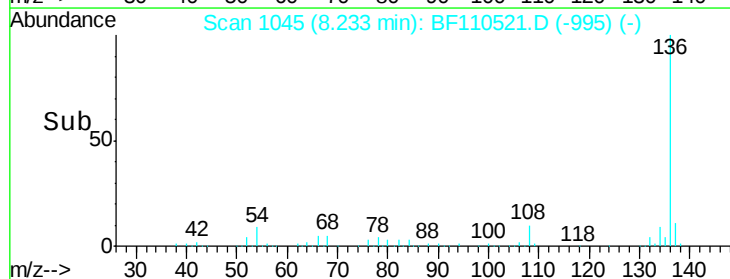
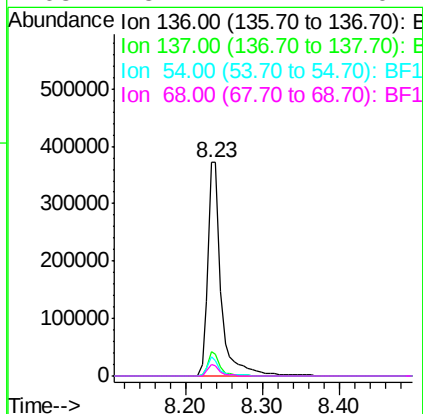
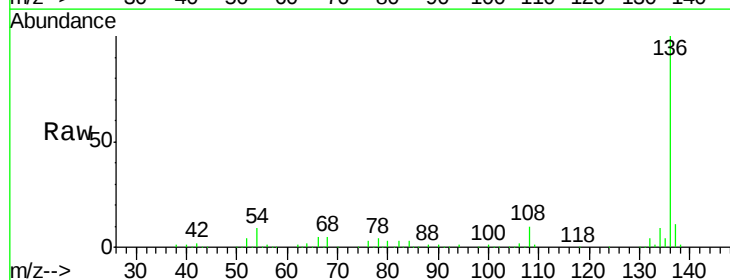
Instrument :
BNA_F
ClientSampleId :

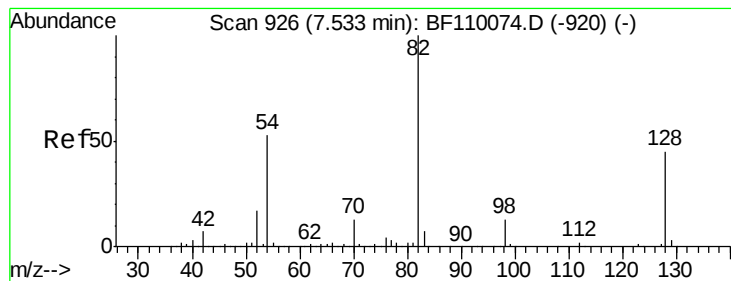
Tot Ion: 70 Resp: 76717
Ion Ratio Lower Upper
70 100
42 49.3 47.4 71.2
101 0.0 7.3 10.9#
130 1.8 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110521.D
Acq: 6 Nov 2018 18:02

Tgt Ion: 136 Resp: 446566
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.0 5.4 8.2#
68 5.4 4.2 6.2





#23

Nitrobenzene-d5

Concen: 78.40 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF110521.D

Acq: 6 Nov 2018 18:02

Instrument :

BNA_F

ClientSampleId :

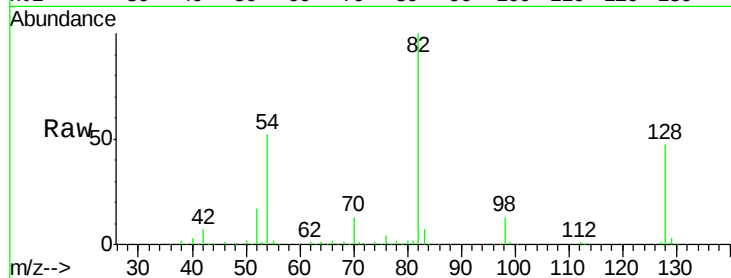
Tot Ion: 82 Resp: 590270

Ion Ratio Lower Upper

82 100

128 47.2 34.2 51.2

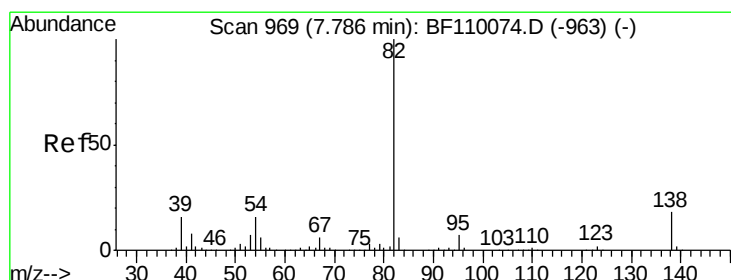
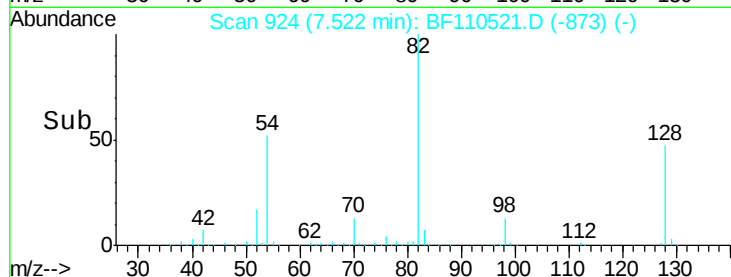
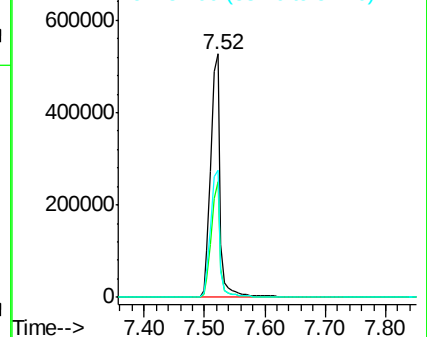
54 52.2 38.6 58.0



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: 45.99 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF110521.D

Acq: 6 Nov 2018 18:02

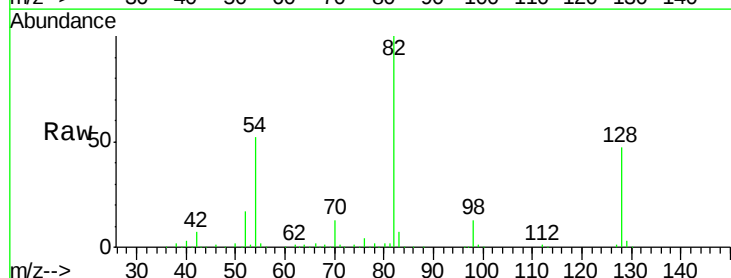
Tgt Ion: 82 Resp: 590266

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

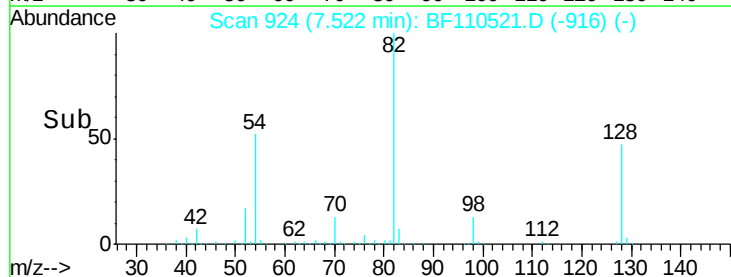
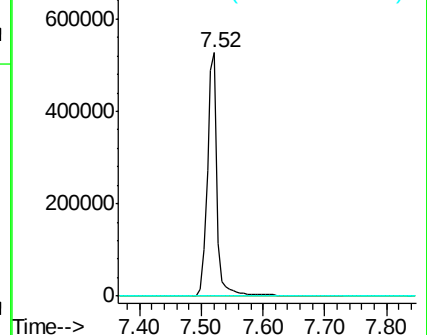
138 0.0 13.2 19.8#



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): BF1

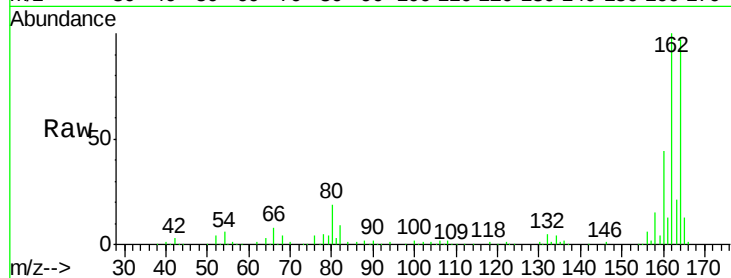




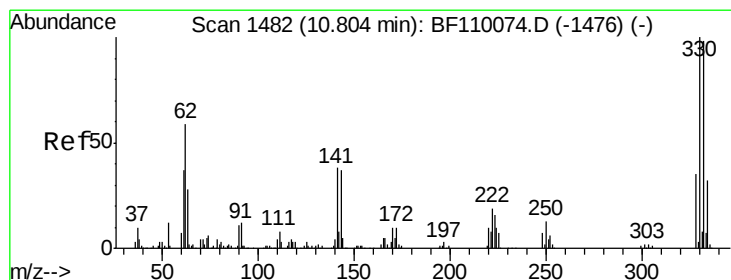
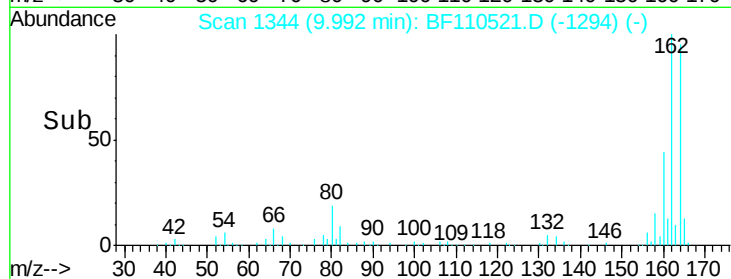
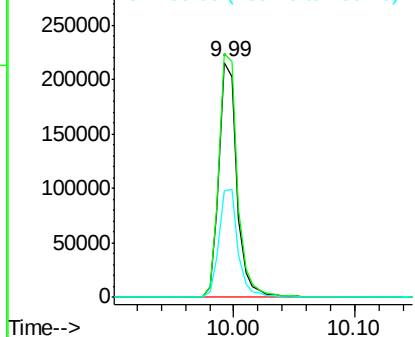
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110521.D
Acq: 6 Nov 2018 18:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 222673
Ion Ratio Lower Upper
164 100
162 103.6 83.0 124.6
160 45.2 37.0 55.6

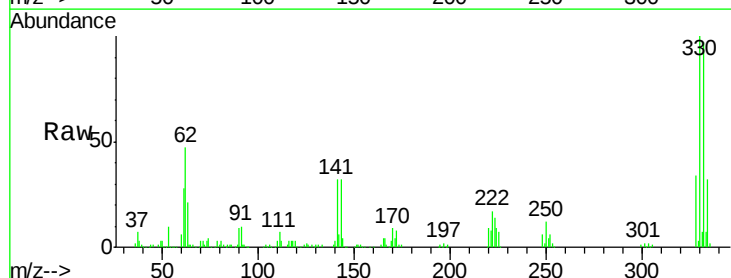


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

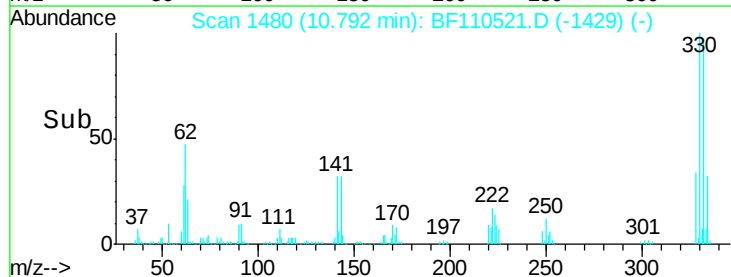
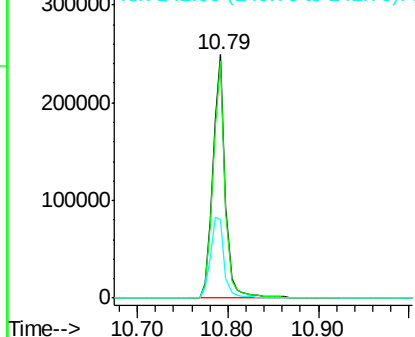


#42
2,4,6-Tribromophenol
Concen: 108.37 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF110521.D
Acq: 6 Nov 2018 18:02

Tgt Ion:330 Resp: 239033
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 37.6 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

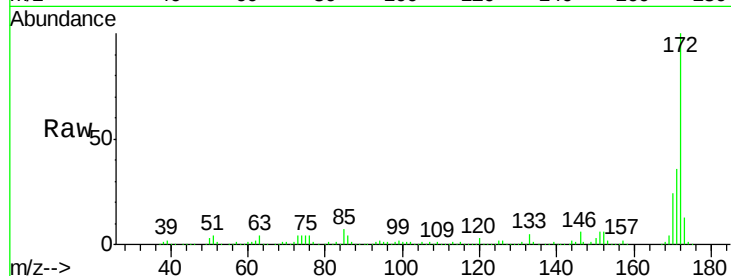




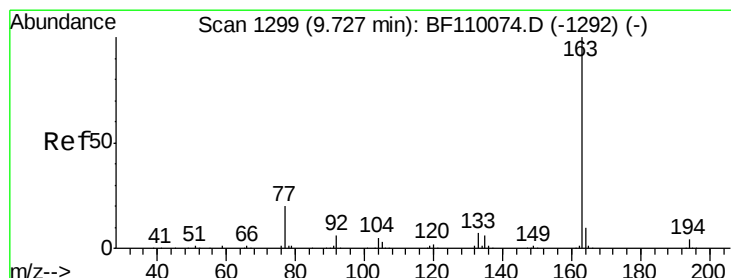
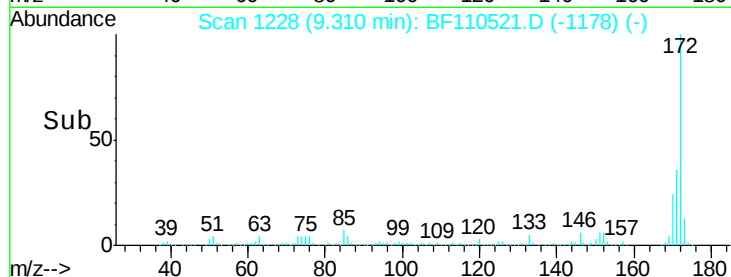
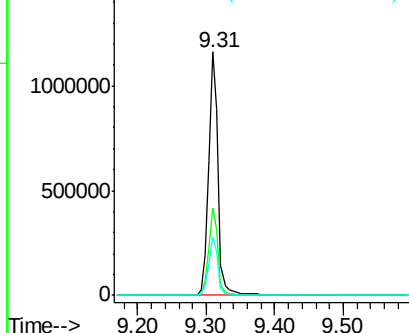
#45
2-Fluorobiphenyl
Concen: 80.45 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110521.D
Acq: 6 Nov 2018 18:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1140889
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.0 19.7 29.5

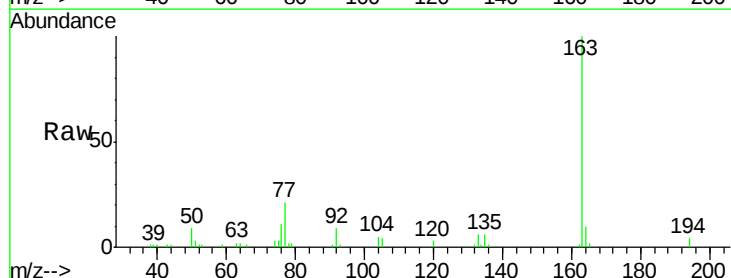


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

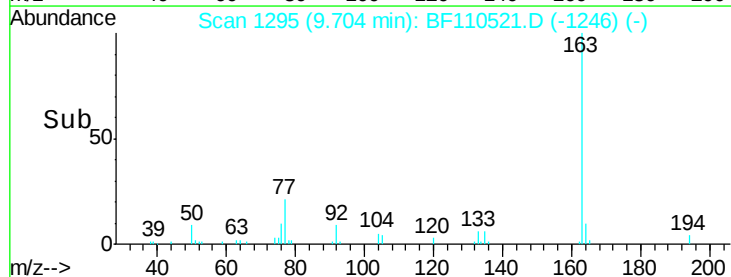
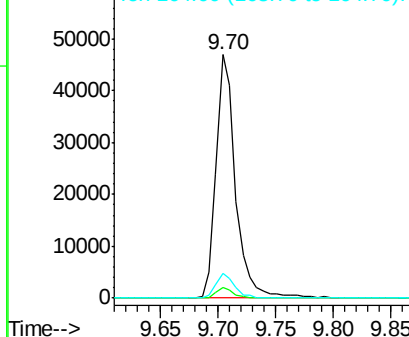


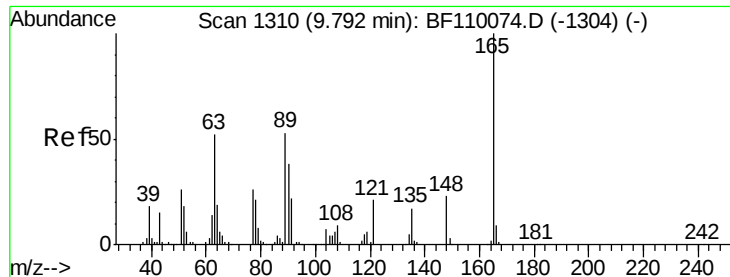
#50
Dimethylphthalate
Concen: 3.34 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110521.D
Acq: 6 Nov 2018 18:02

Tgt Ion:163 Resp: 54981
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.1 8.1 12.1



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

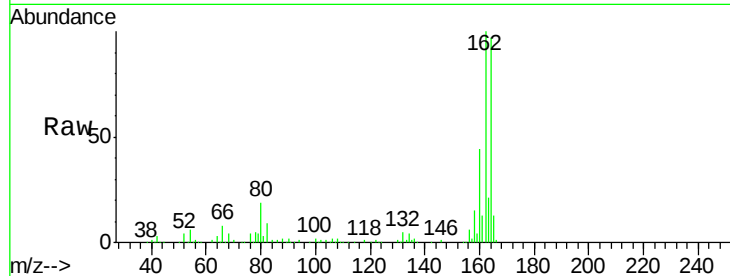




#51
 2,6-Dinitrotoluene
 Concen: 8.07 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.21 min
 Lab File: BF110521.D
 Acq: 6 Nov 2018 18:02

Instrument :
 BNA_F
 ClientSampleId :

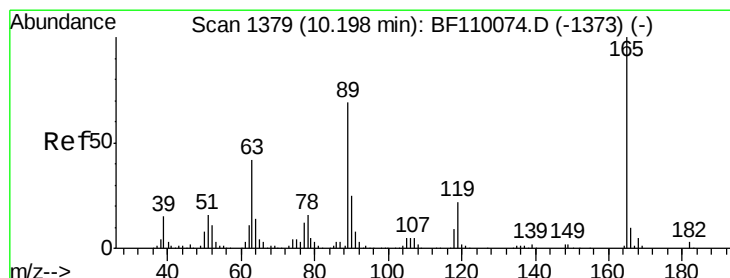
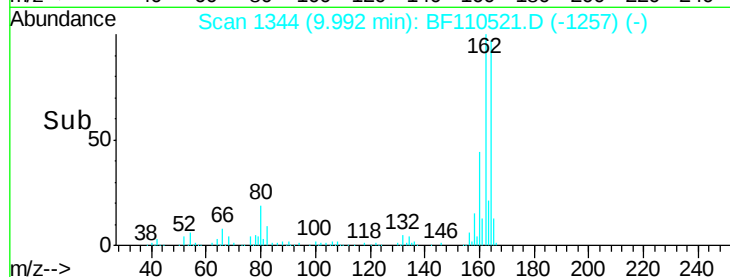
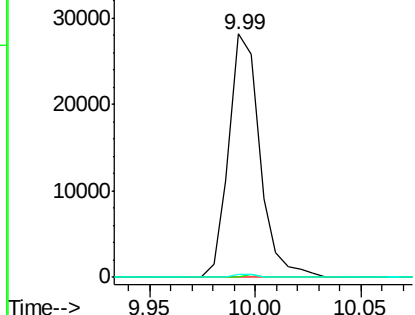
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.3	46.6	69.8#



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: 6.35 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.20 min
 Lab File: BF110521.D
 Acq: 6 Nov 2018 18:02

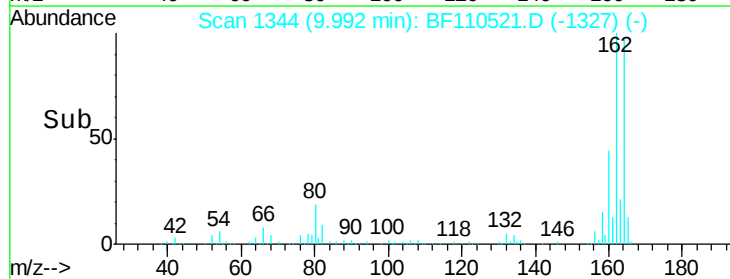
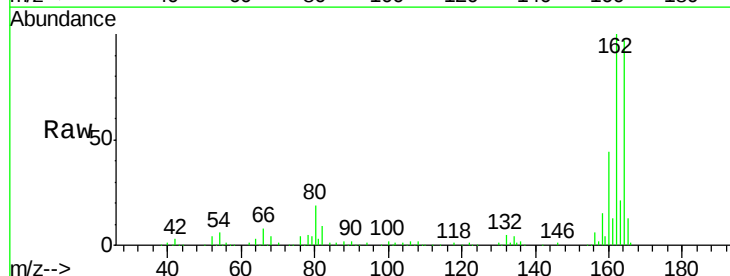
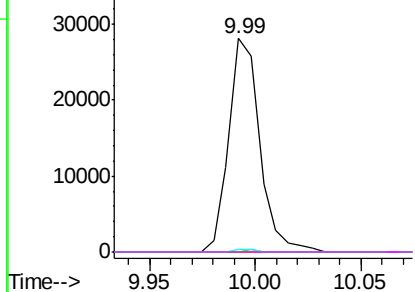
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#

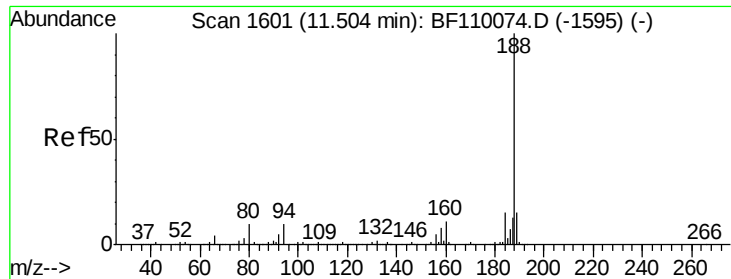
Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.00 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110521.D

Acq: 6 Nov 2018 18:02

Instrument :

BNA_F

ClientSampled :

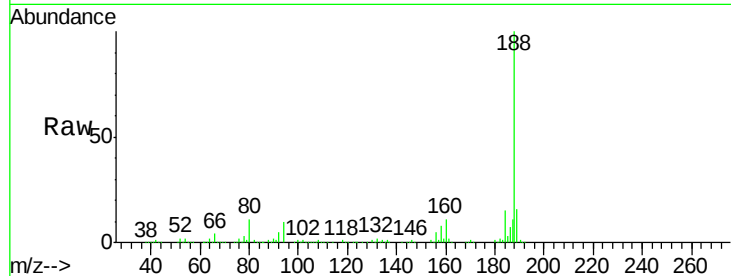
Tot Ion:188 Resp: 431576

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

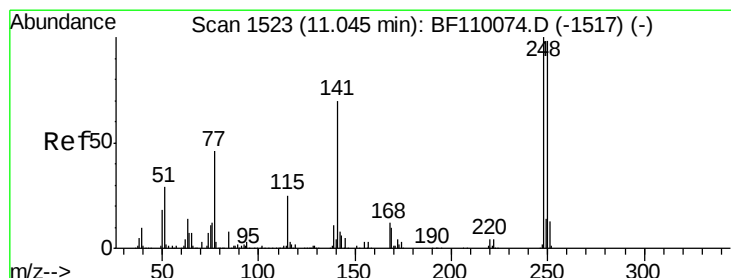
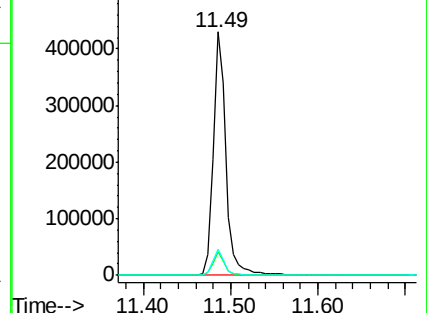
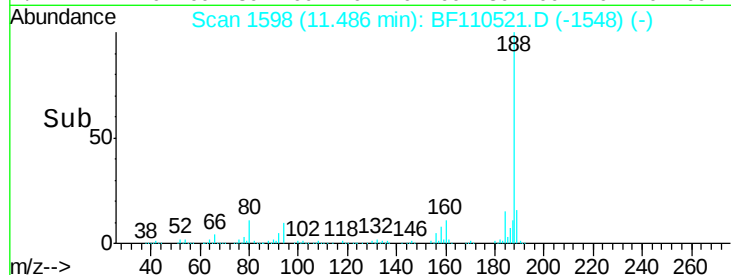
80 10.6 7.9 11.9



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: 3.21 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.24 min

Lab File: BF110521.D

Acq: 6 Nov 2018 18:02

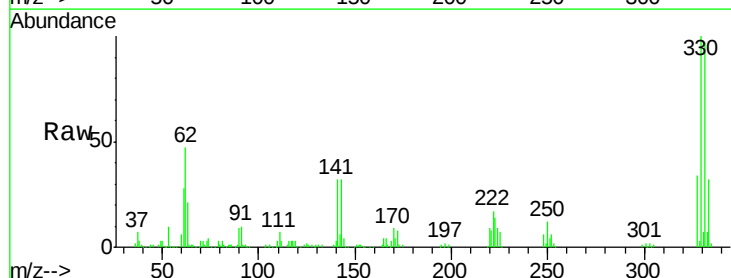
Tgt Ion:248 Resp: 15010

Ion Ratio Lower Upper

248 100

250 189.9 79.4 119.2#

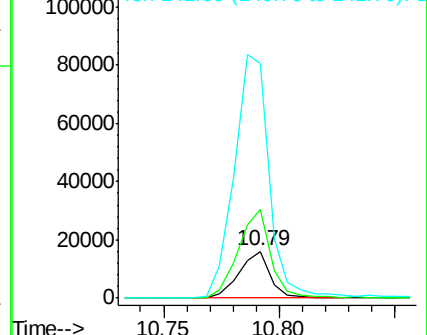
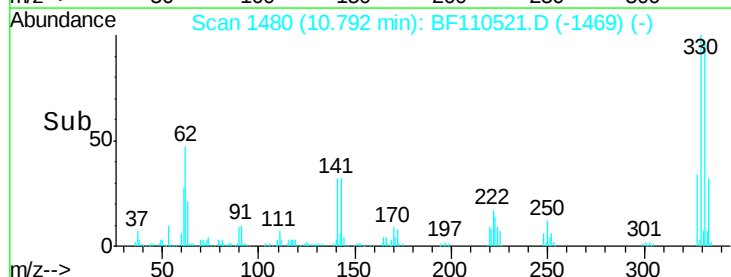
141 503.6 55.9 83.9#

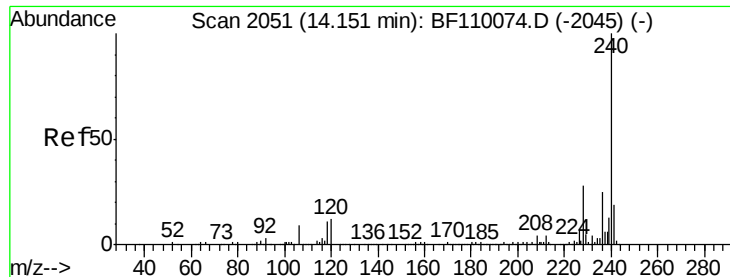


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110521.D

Acq: 6 Nov 2018 18:02

Instrument :

BNA_F

ClientSampled :

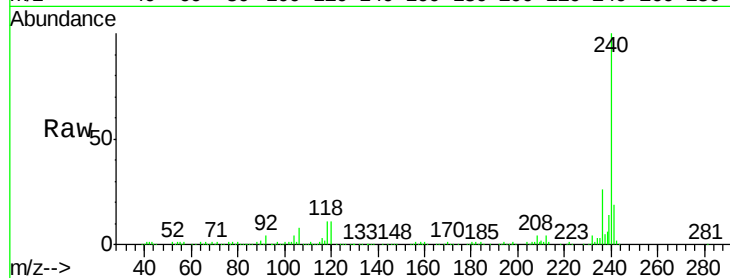
Tot Ion:240 Resp: 225894

Ion Ratio Lower Upper

240 100

120 11.3 8.3 12.5

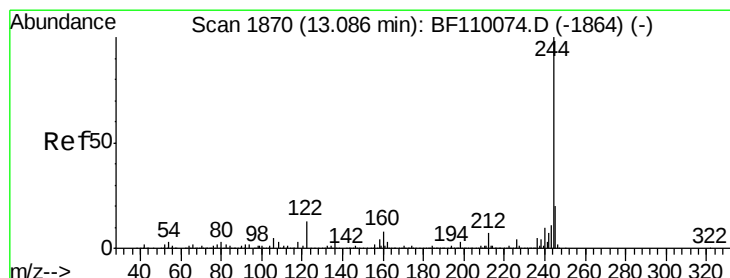
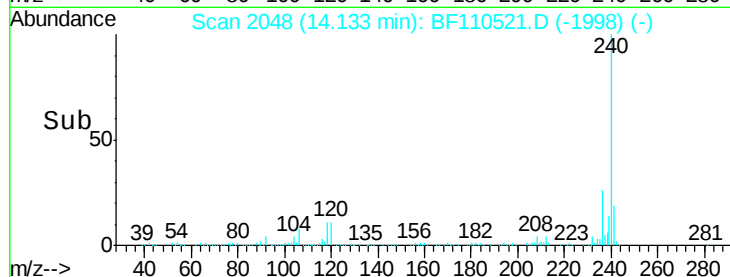
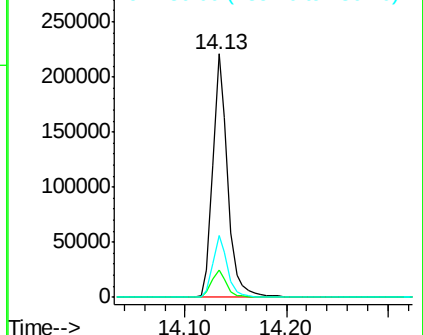
236 25.5 21.2 31.8



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: 98.45 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110521.D

Acq: 6 Nov 2018 18:02

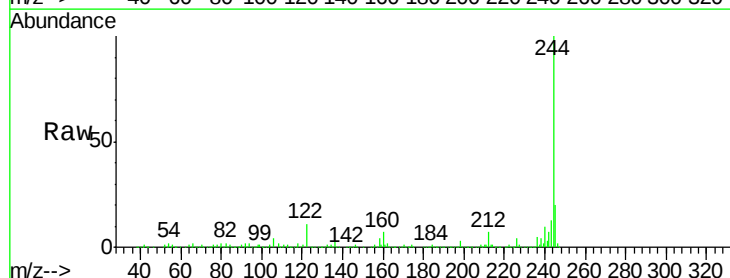
Tgt Ion:244 Resp: 1069330

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

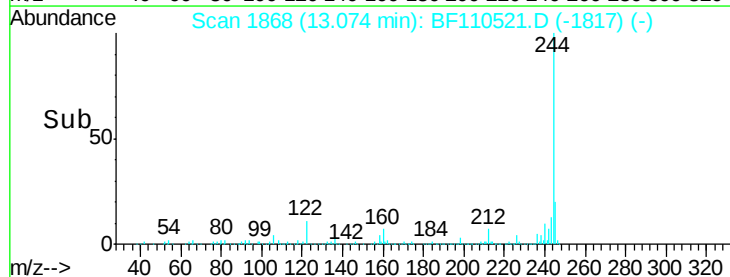
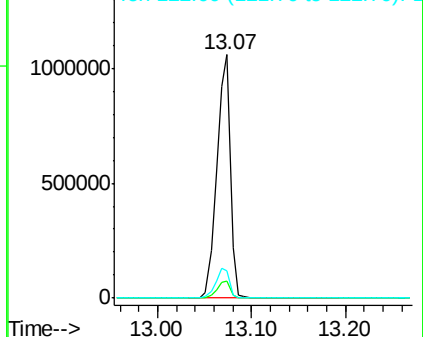
122 11.4 8.7 13.1

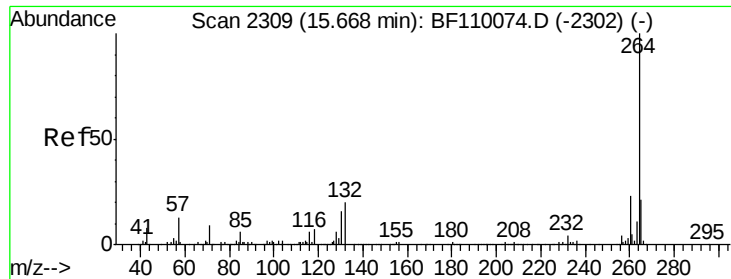


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

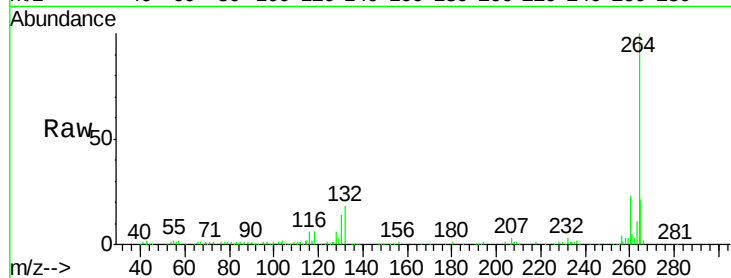




#87
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110521.D
 Acq: 6 Nov 2018 18:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.1	16.7	25.1



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

