

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110548.D
 Acq On : 7 Nov 2018 7:33
 Operator : JU/SJ
 Sample : J5808-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 08:49:20 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

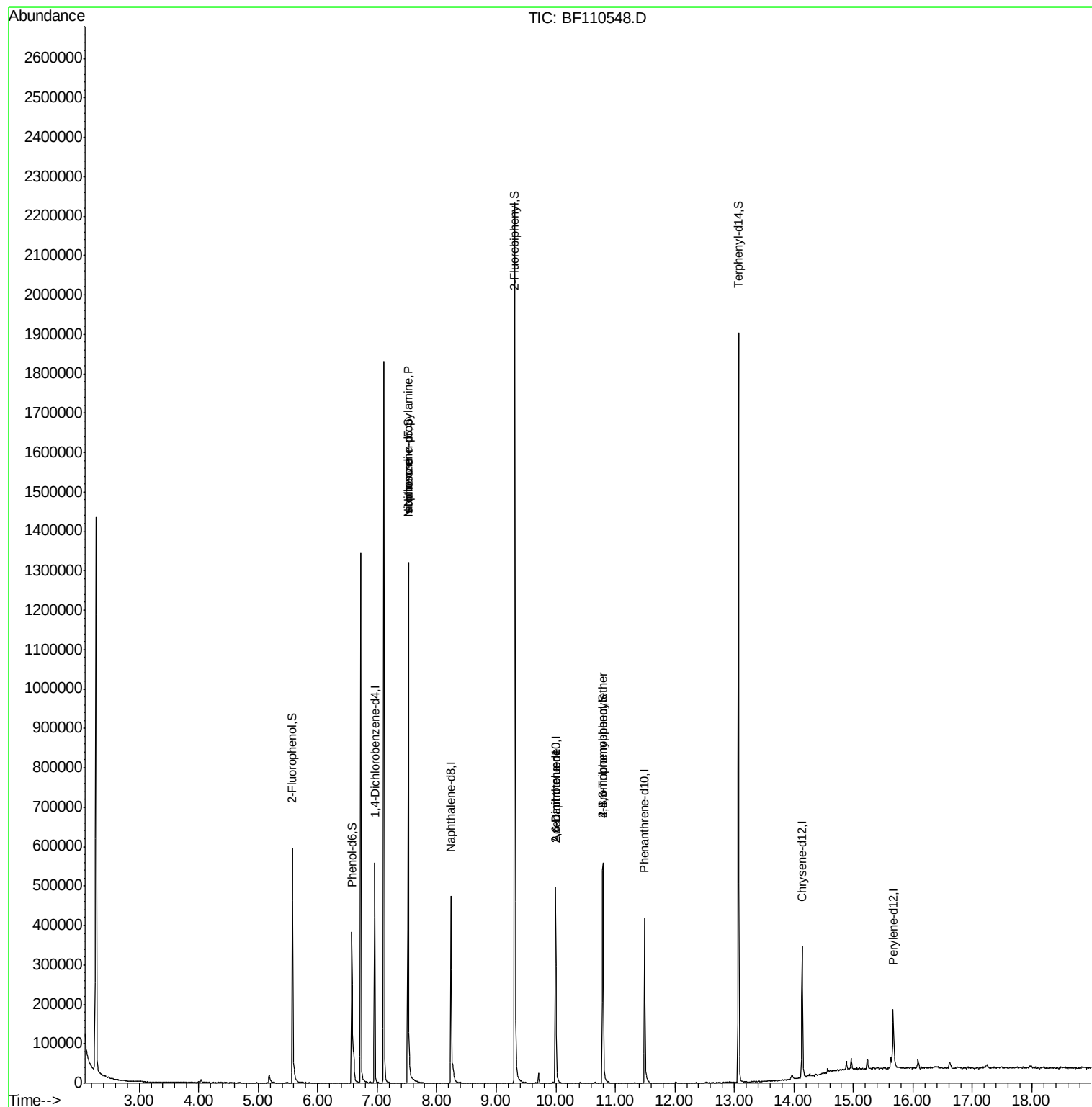
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	81296	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	286689	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	110156	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	196621	20.00	ng	0.00
76) Chrysene-d12	14.14	240	131353	20.00	ng	0.00
87) Perylene-d12	15.67	264	93363	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	192325	38.52	ng	0.00
7) Phenol-d6	6.57	99	148528	23.26	ng	0.00
23) Nitrobenzene-d5	7.52	82	459719	95.11	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	81408	74.61	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	782341	111.52	ng	0.00
79) Terphenyl-d14	13.07	244	674455	106.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	59636	14.56	ng	# 79
25) Isophorone	7.52	82	459717	55.80	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	13949	7.96	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	13949	6.27	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	5038	2.36	ng	# 1

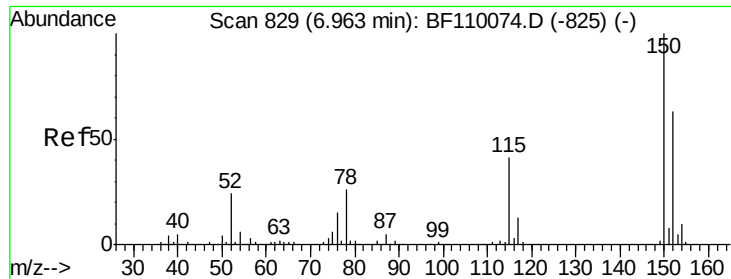
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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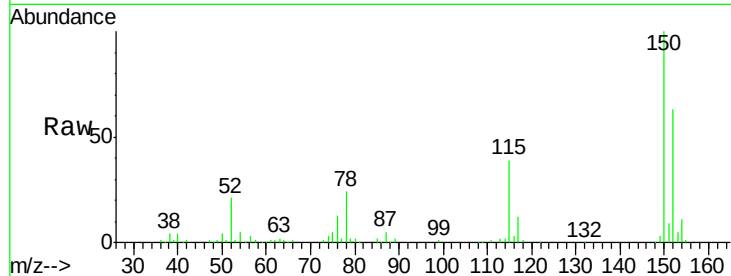


#1

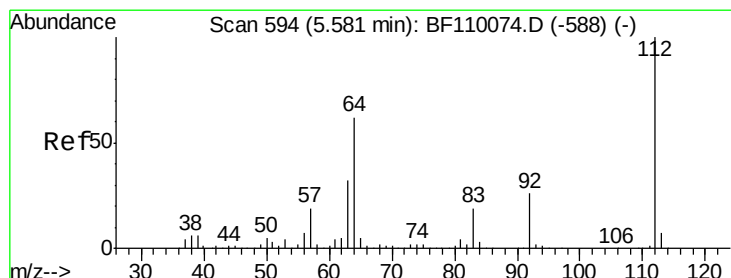
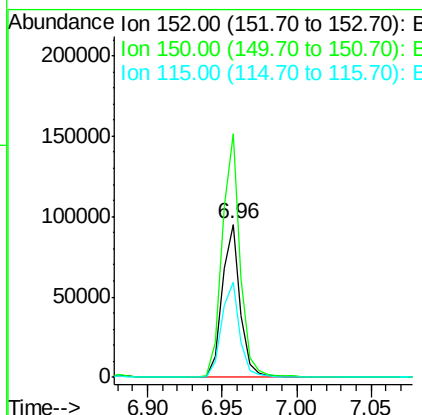
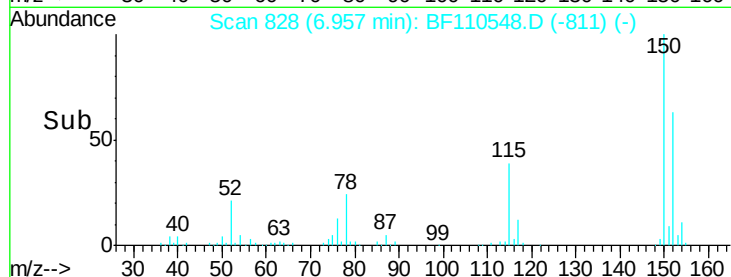
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110548.D
 Acq: 7 Nov 2018 7:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.7	184.1
115	62.1	49.1	73.7



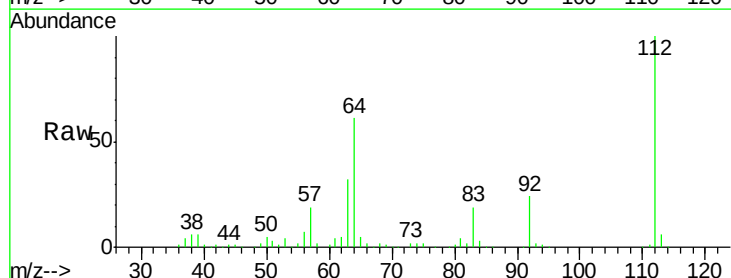
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



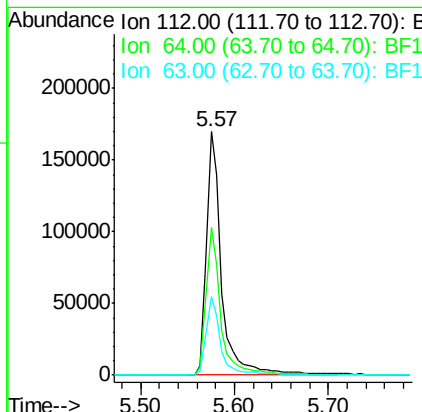
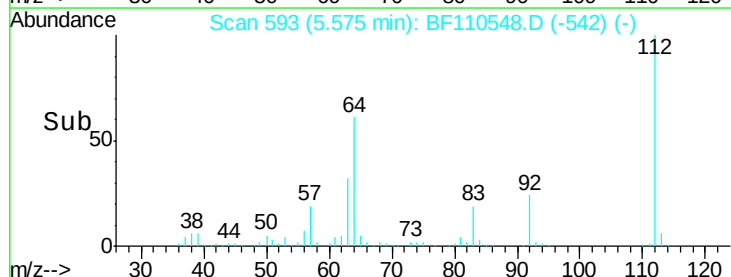
#5

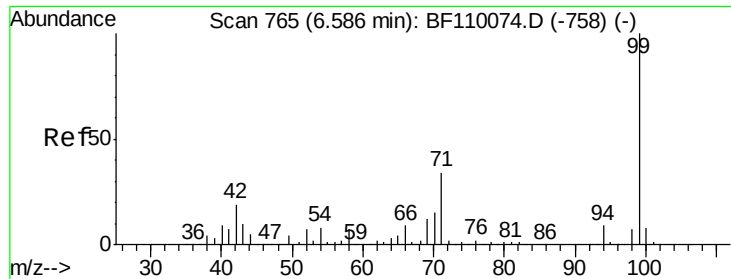
2-Fluorophenol
 Concen: 38.52 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF110548.D
 Acq: 7 Nov 2018 7:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	44.1	66.1
63	32.2	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: 23.26 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110548.D

Acq: 7 Nov 2018 7:33

Instrument :

BNA_F

ClientSampleId :

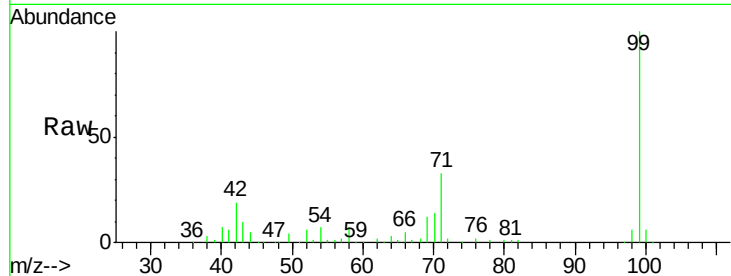
Tot Ion: 99 Resp: 148528

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

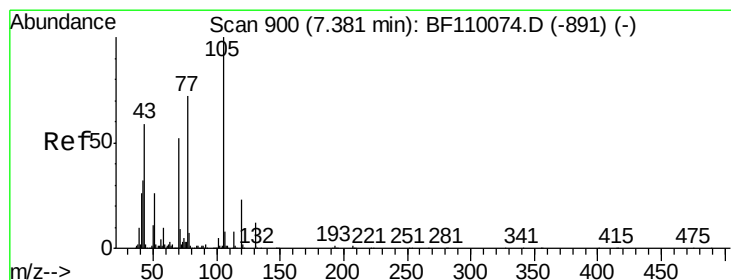
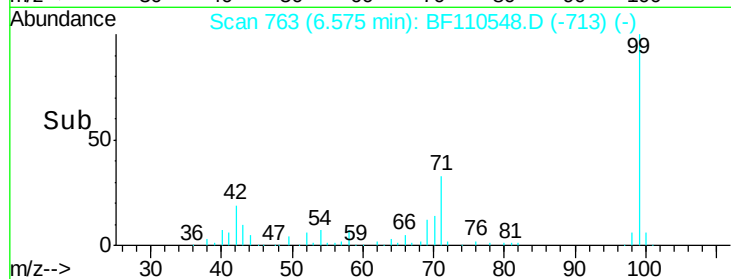
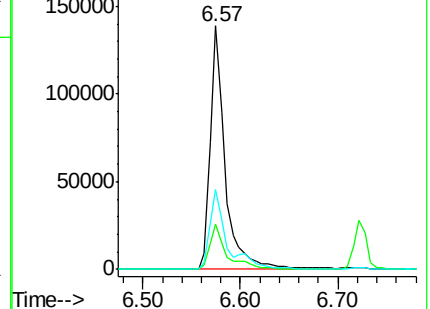
71 33.0 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.56 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF110548.D

Acq: 7 Nov 2018 7:33

Tgt Ion: 70 Resp: 59636

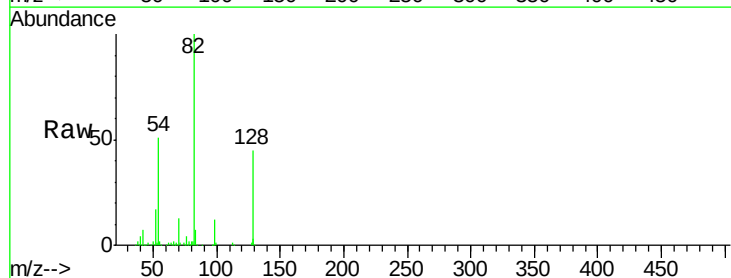
Ion Ratio Lower Upper

70 100

42 49.1 47.4 71.2

101 0.0 7.3 10.9#

130 2.0 16.2 24.2#

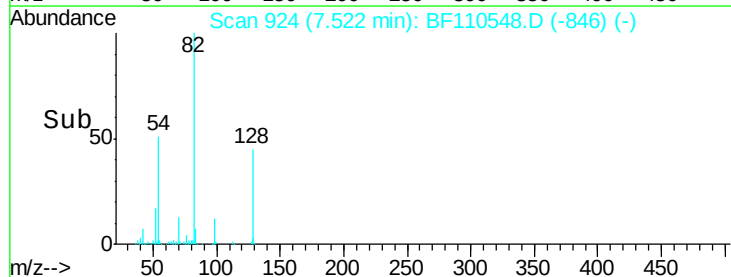
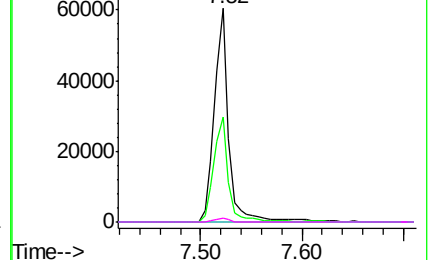


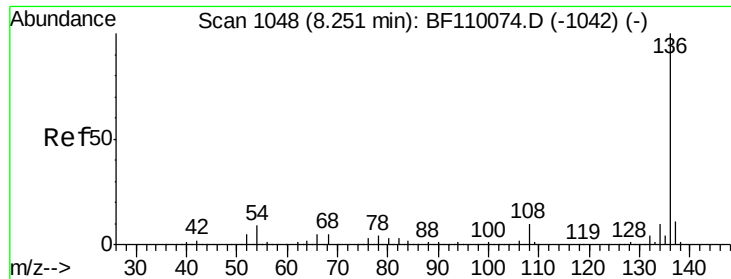
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

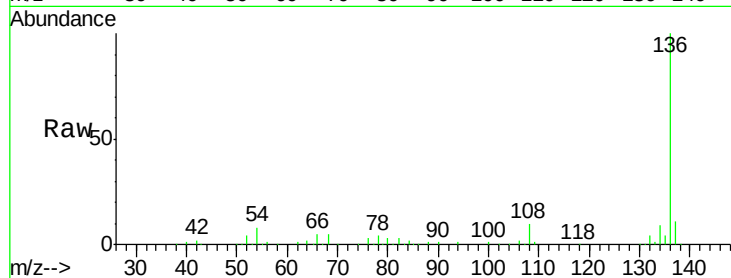




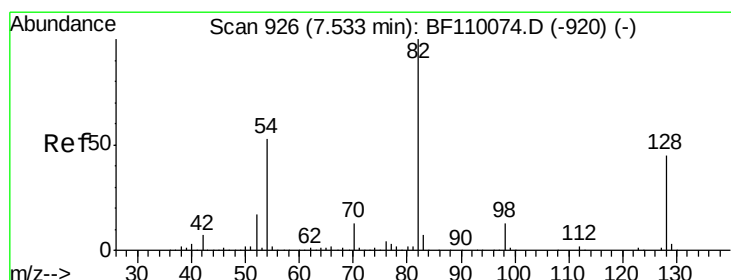
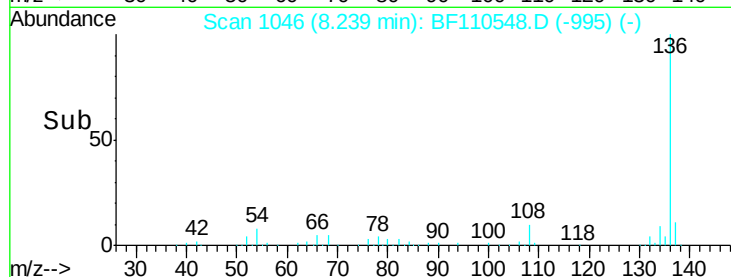
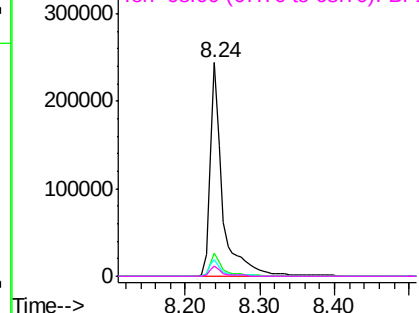
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110548.D
Acq: 7 Nov 2018 7:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	286689
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	8.0	5.4 8.2
68	4.8	4.2 6.2

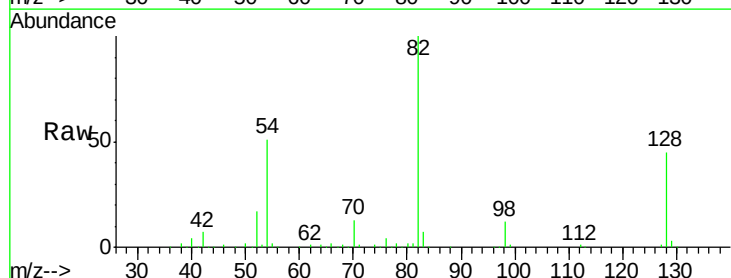


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

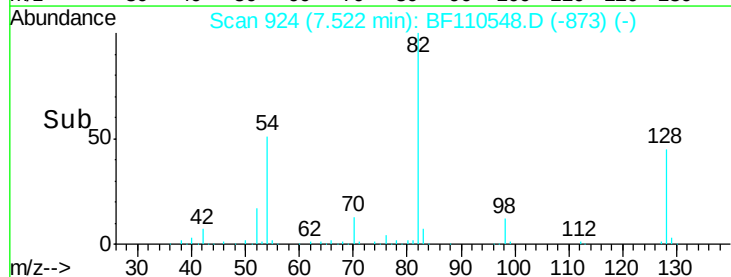
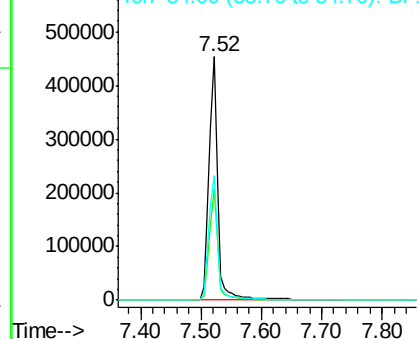


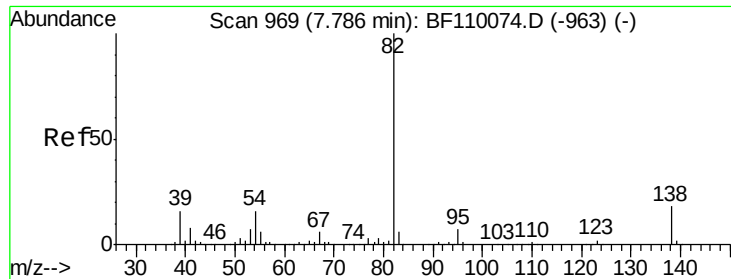
#23
Nitrobenzene-d5
Concen: 95.11 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110548.D
Acq: 7 Nov 2018 7:33

Tgt Ion: 82	Resp:	459719
Ion Ratio	Lower	Upper
82	100	
128	45.5	34.2 51.2
54	51.4	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: 55.80 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF110548.D

Acq: 7 Nov 2018 7:33

Instrument :

BNA_F

ClientSampleId :

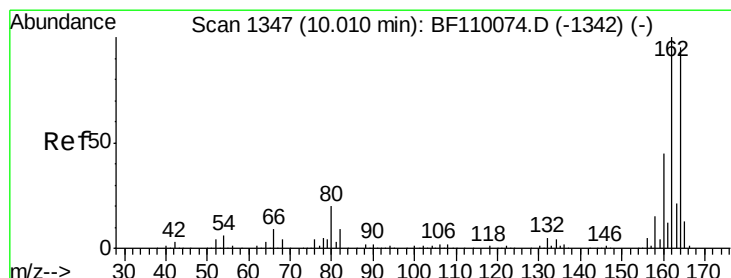
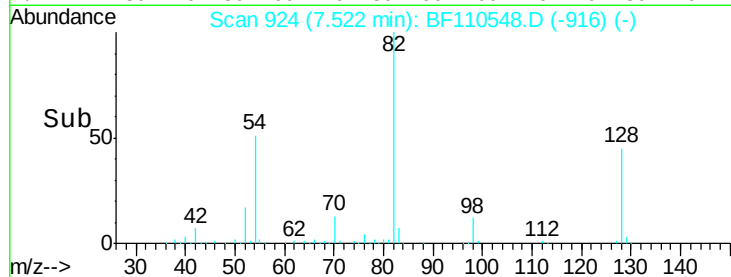
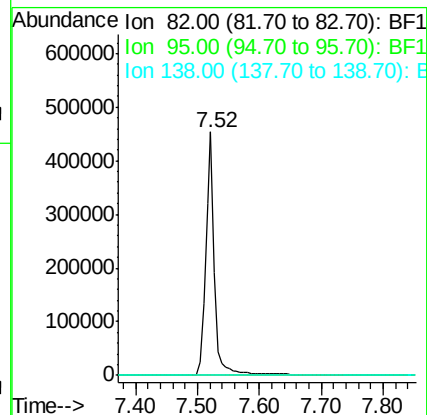
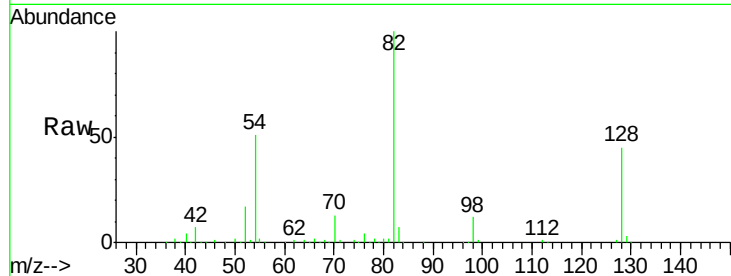
Tot Ion: 82 Resp: 459717

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.2 19.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110548.D

Acq: 7 Nov 2018 7:33

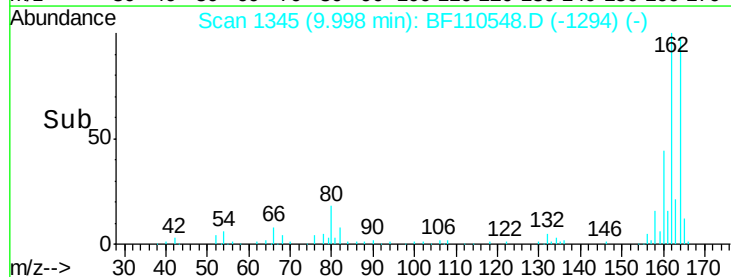
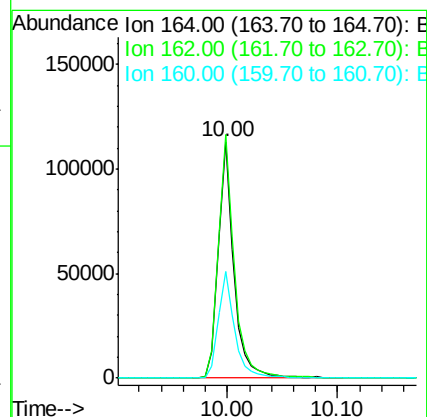
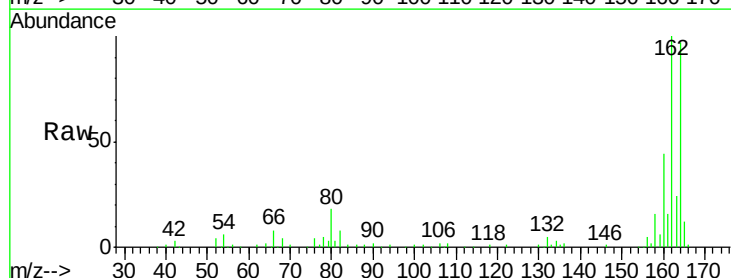
Tgt Ion:164 Resp: 110156

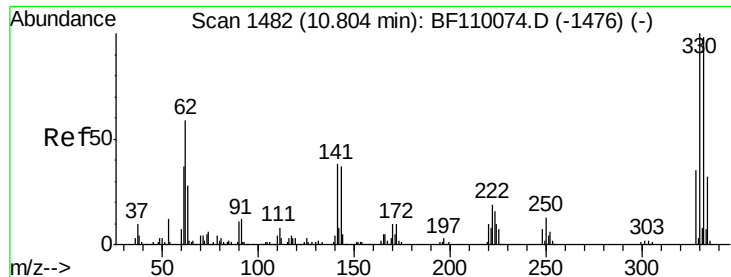
Ion Ratio Lower Upper

164 100

162 103.1 83.0 124.6

160 45.4 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 74.61 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110548.D

Acq: 7 Nov 2018 7:33

Instrument :

BNA_F

ClientSampleId :

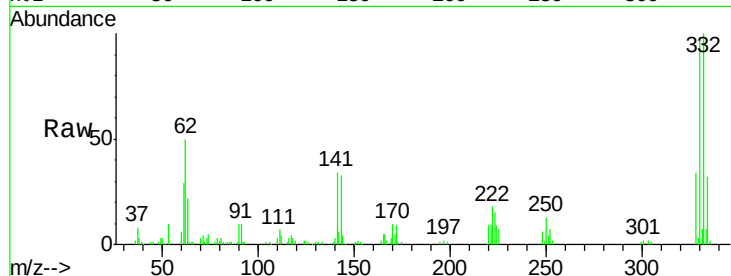
Tot Ion:330 Resp: 81408

Ion Ratio Lower Upper

330 100

332 99.6 77.1 115.7

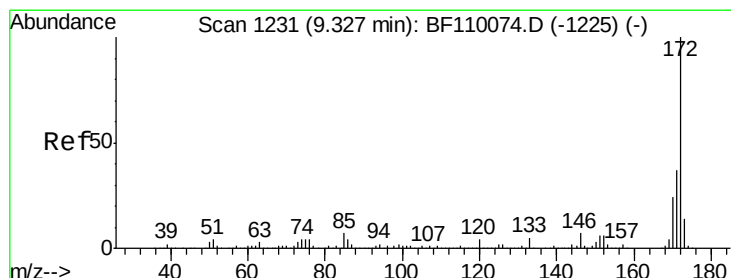
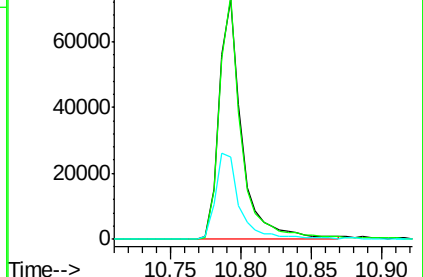
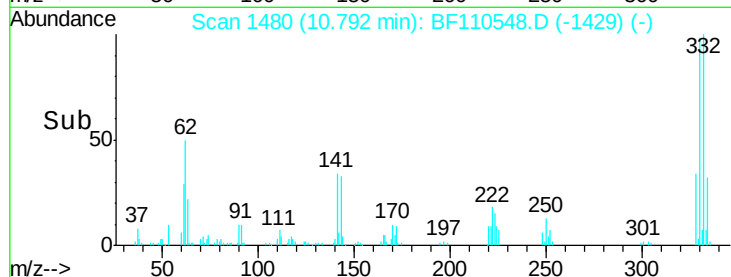
141 38.3 27.0 40.4



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: 111.52 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110548.D

Acq: 7 Nov 2018 7:33

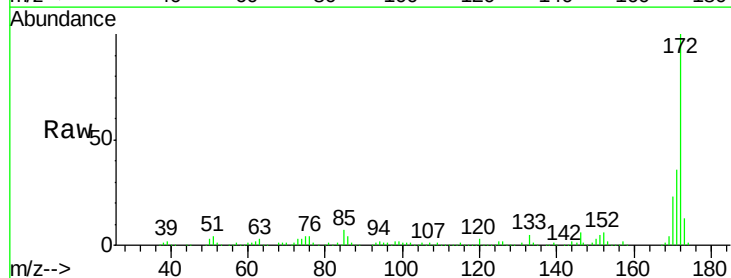
Tgt Ion:172 Resp: 782341

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

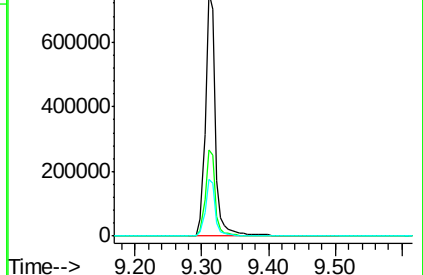
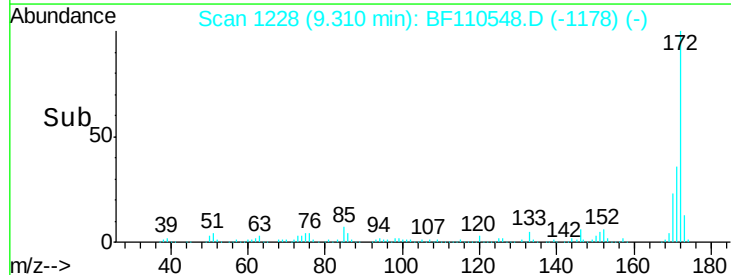
170 23.1 19.7 29.5

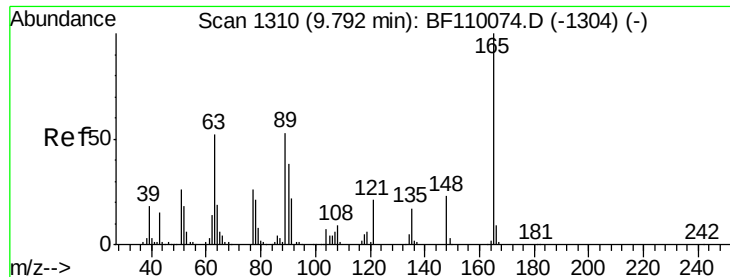


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.96 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.22 min

Lab File: BF110548.D

Acq: 7 Nov 2018 7:33

Instrument :

BNA_F

ClientSampleId :

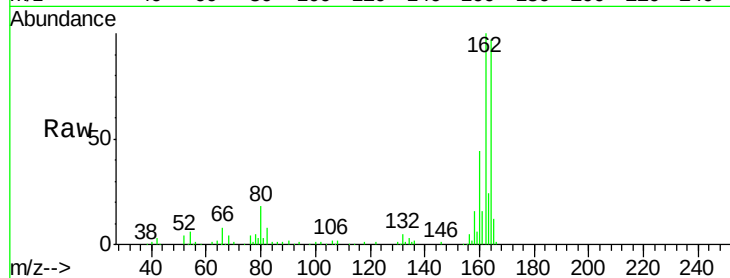
Tot Ion:165 Resp: 13949

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

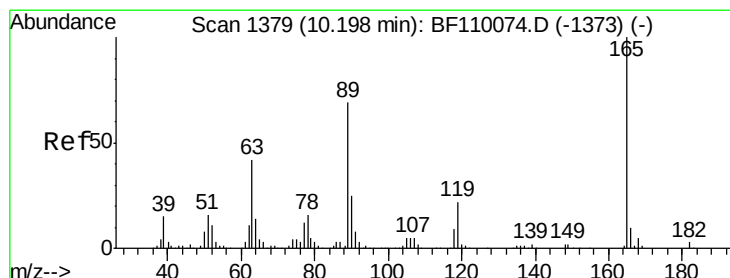
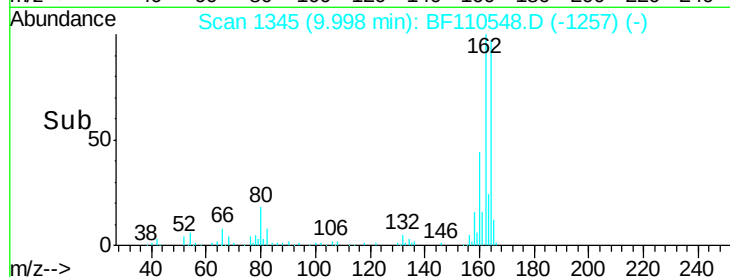
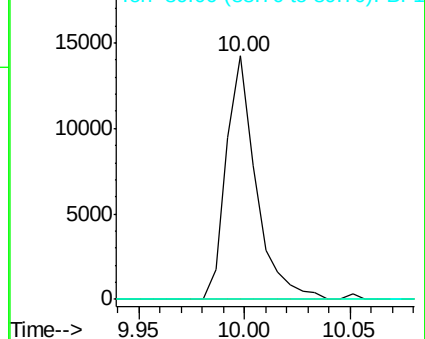
89 0.0 46.6 69.8#



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: 6.27 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.19 min

Lab File: BF110548.D

Acq: 7 Nov 2018 7:33

Tgt Ion:165 Resp: 13949

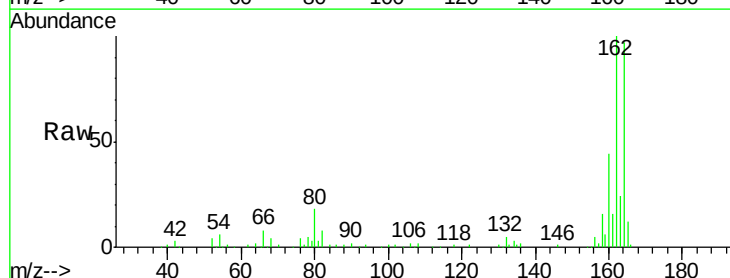
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

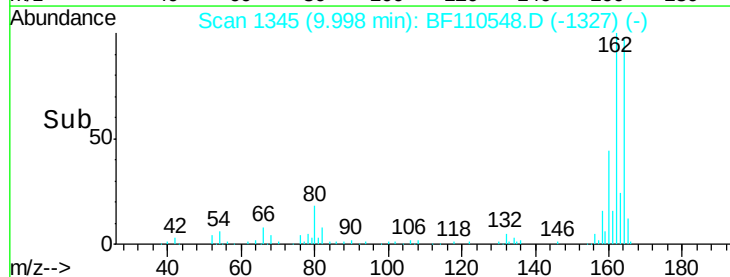
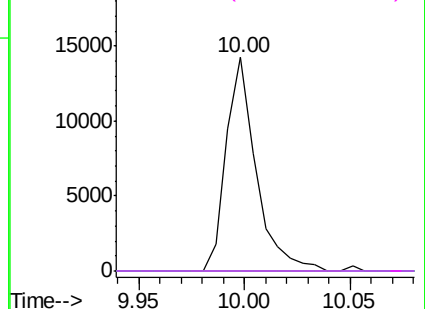


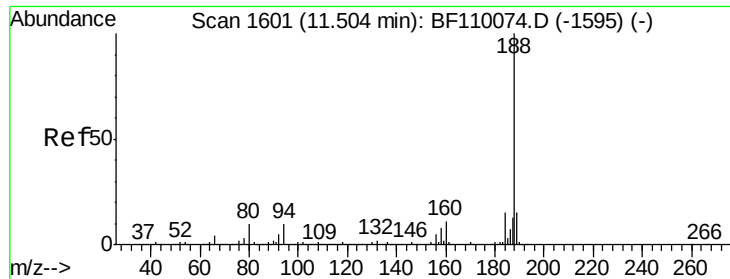
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1599

Delta R.T. 0.00 min

Lab File: BF110548.D

Acq: 7 Nov 2018 7:33

Instrument :

BNA_F

ClientSampleId :

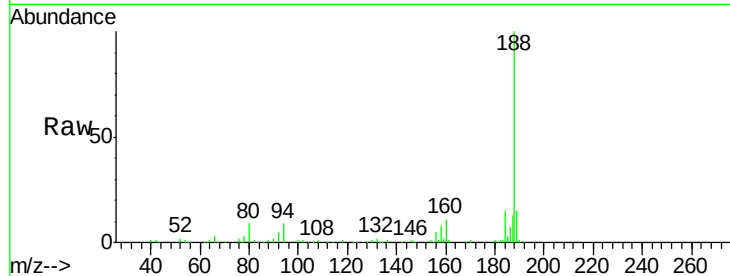
Tot Ion:188 Resp: 196621

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

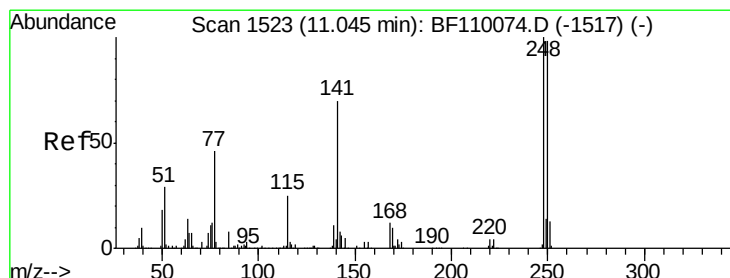
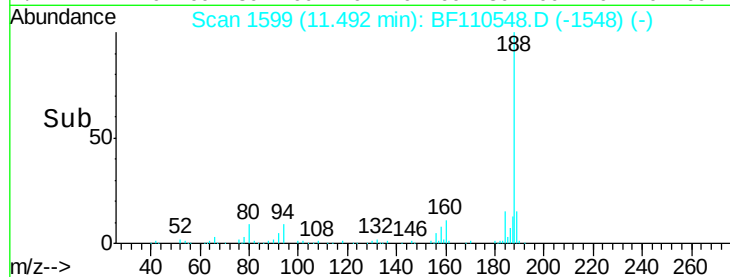
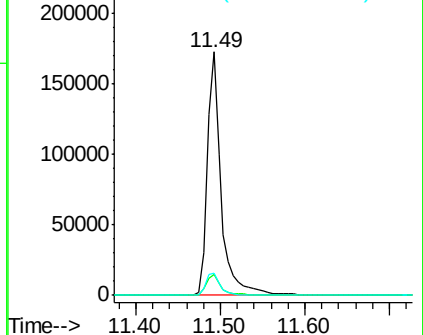
80 9.4 7.9 11.9



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: 2.36 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.24 min

Lab File: BF110548.D

Acq: 7 Nov 2018 7:33

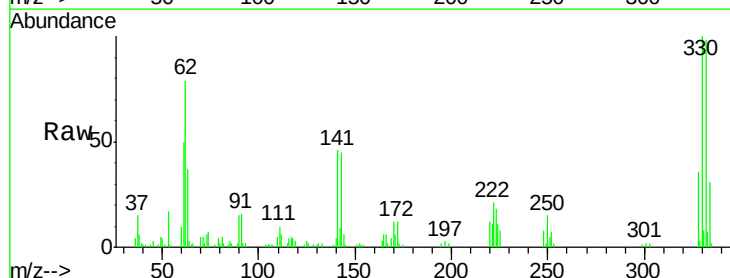
Tgt Ion:248 Resp: 5038

Ion Ratio Lower Upper

248 100

250 186.3 79.4 119.2#

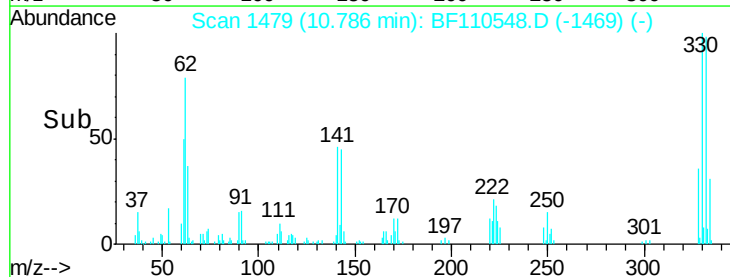
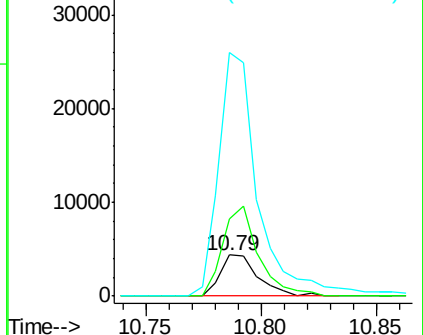
141 591.2 55.9 83.9#

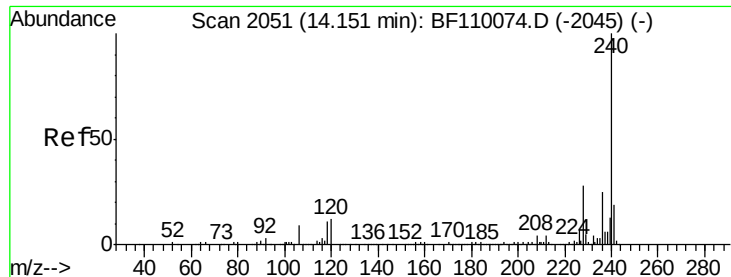


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF110548.D

Acq: 7 Nov 2018 7:33

Instrument :

BNA_F

ClientSampleId :

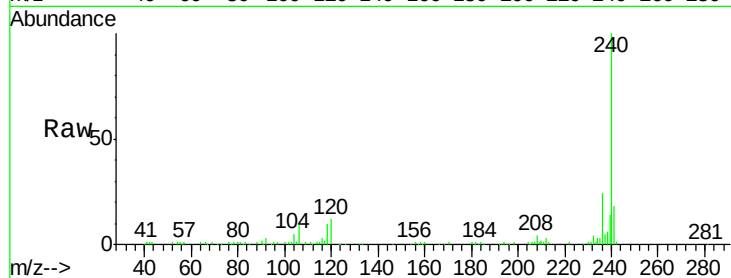
Tot Ion:240 Resp: 131353

Ion Ratio Lower Upper

240 100

120 11.8 8.3 12.5

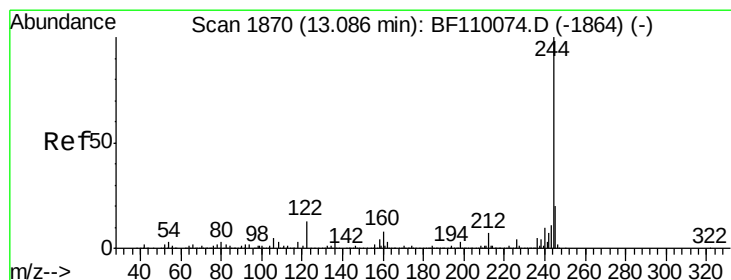
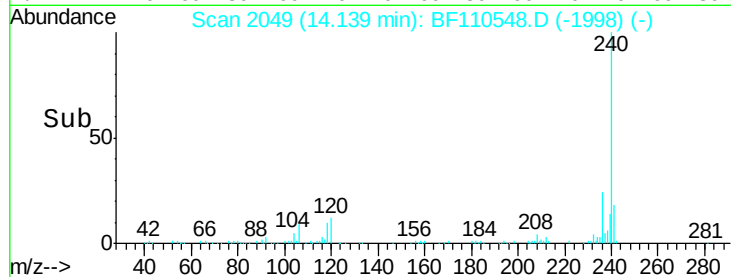
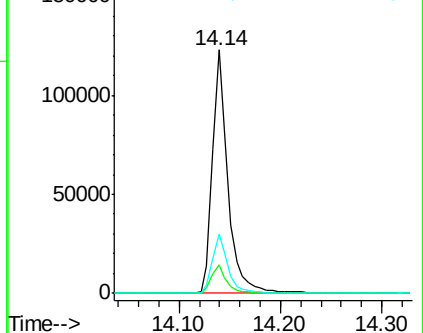
236 24.5 21.2 31.8



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: 106.79 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110548.D

Acq: 7 Nov 2018 7:33

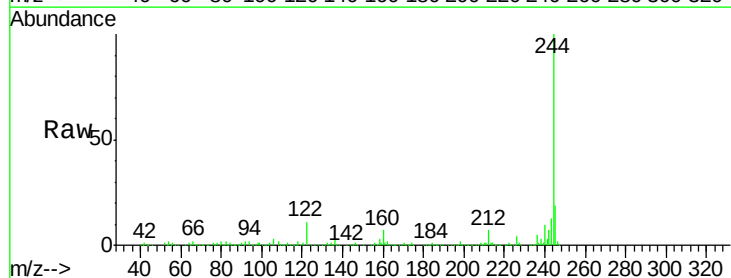
Tgt Ion:244 Resp: 674455

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

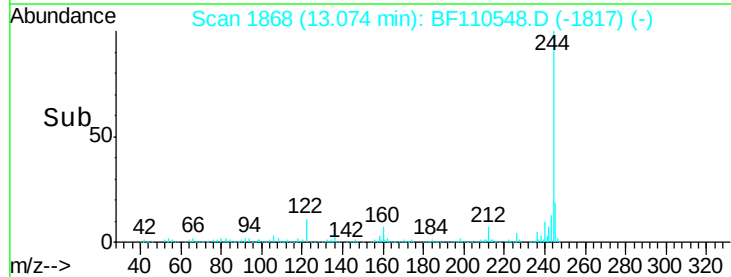
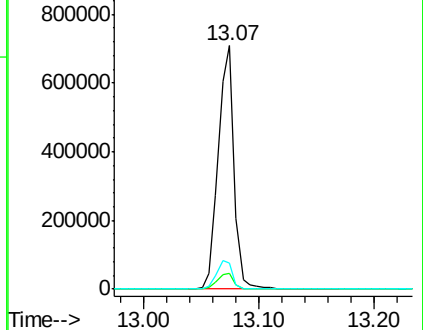
122 10.8 8.7 13.1

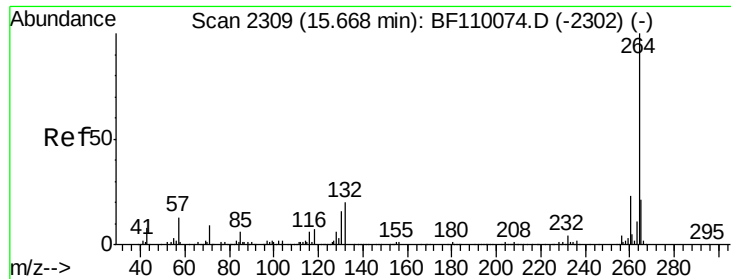


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110548.D
Acq: 7 Nov 2018 7:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.0	16.7	25.1

