

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110585.D
 Acq On : 8 Nov 2018 15:30
 Operator : JU/SJ
 Sample : J5839-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:41:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

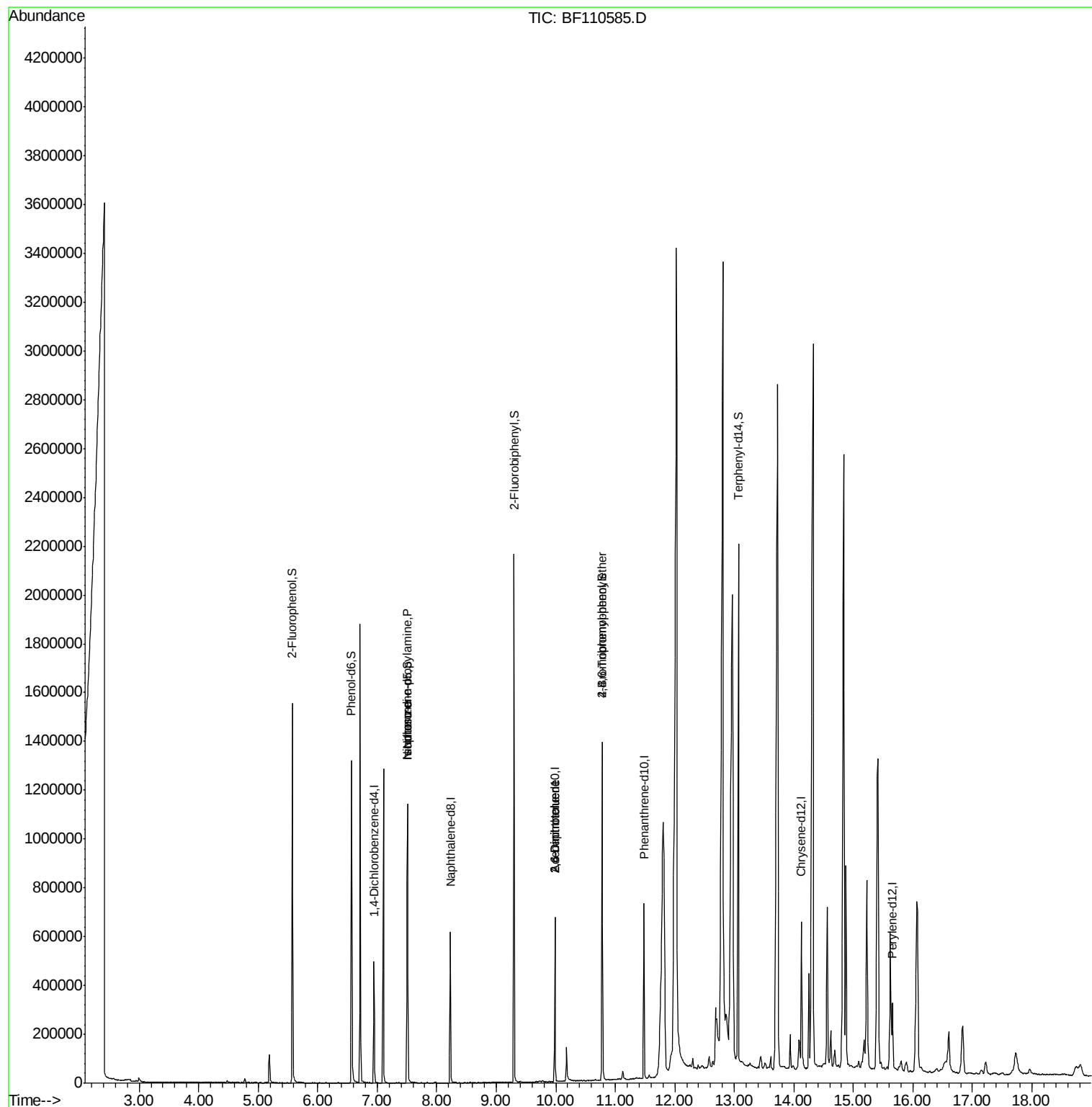
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	66286	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	267710	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	128780	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	248109	20.00	ng	0.00
76) Chrysene-d12	14.13	240	182523	20.00	ng	-0.01
87) Perylene-d12	15.66	264	134489	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	410721	100.65	ng	0.01
7) Phenol-d6	6.57	99	469869	90.04	ng	0.00
23) Nitrobenzene-d5	7.51	82	357176	76.84	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	152490	117.52	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	662686	73.49	ng	0.00
79) Terphenyl-d14	13.07	244	730135	74.91	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	643	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.51	70	46569	13.98	ng	79
25) Isophorone	7.51	82	357171	46.88	ng	67
51) 2,6-Dinitrotoluene	9.99	165	16525	7.82	ng	22
57) 2,4-Dinitrotoluene	9.99	165	16525	6.01	ng	18
67) 4-Bromophenyl-phenylether	10.78	248	9612	3.51	ng	1

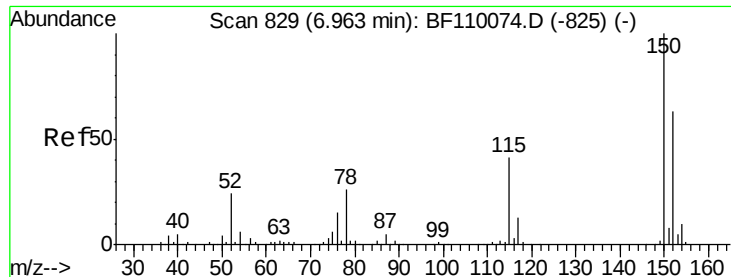
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110585.D
Acq On : 8 Nov 2018 15:30
Operator : JU/SJ
Sample : J5839-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 09 08:41:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 08 14:14:47 2018
Response via : Initial Calibration



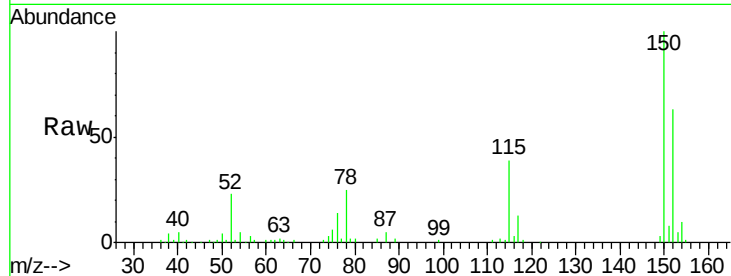


#1

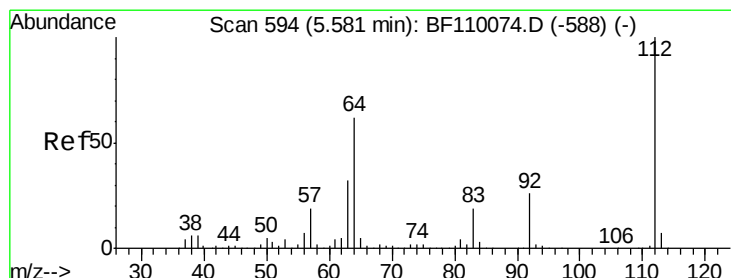
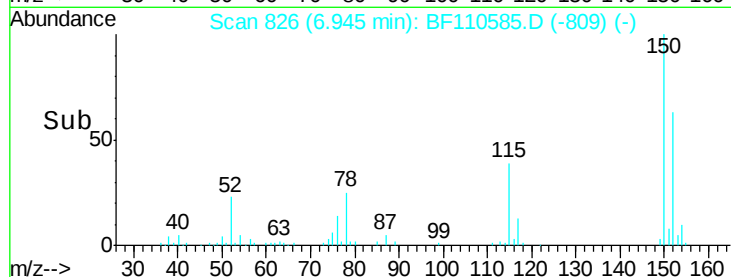
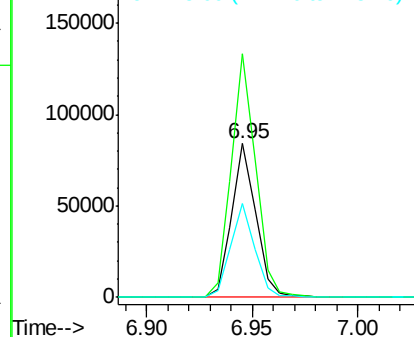
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110585.D
Acq: 8 Nov 2018 15:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66286
Ion Ratio Lower Upper
152 100
150 158.5 122.7 184.1
115 61.1 49.1 73.7



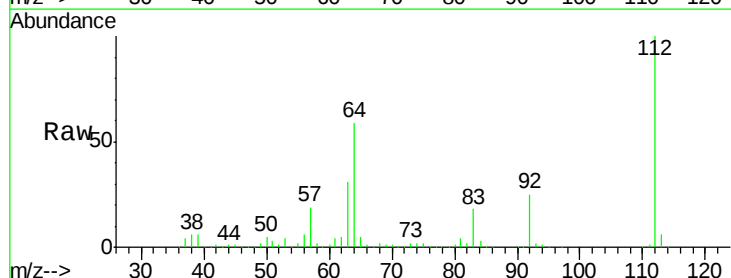
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



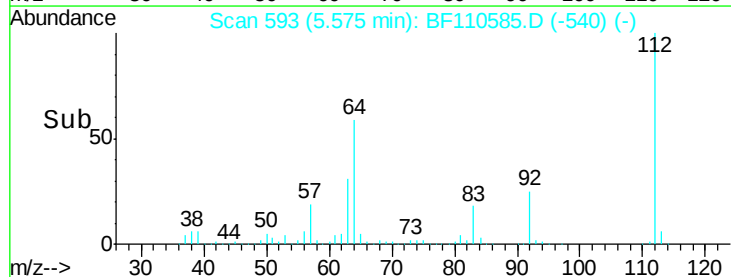
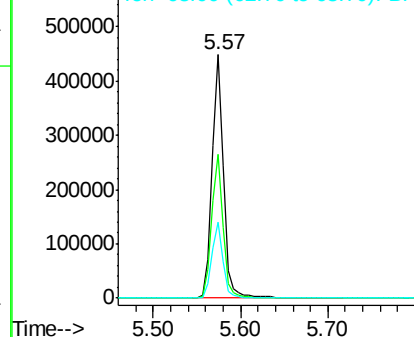
#5

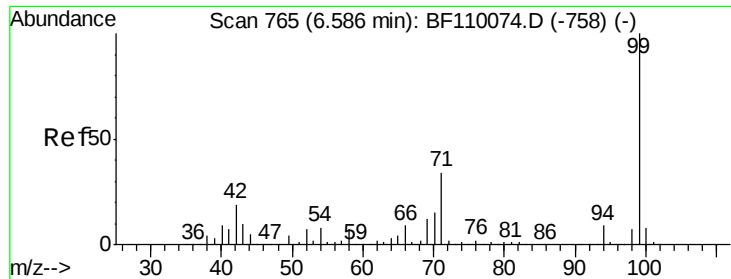
2-Fluorophenol
Concen: 100.65 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110585.D
Acq: 8 Nov 2018 15:30

Tgt Ion:112 Resp: 410721
Ion Ratio Lower Upper
112 100
64 59.1 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: 90.04 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110585.D

Acq: 8 Nov 2018 15:30

Instrument :

BNA_F

ClientSampleId :

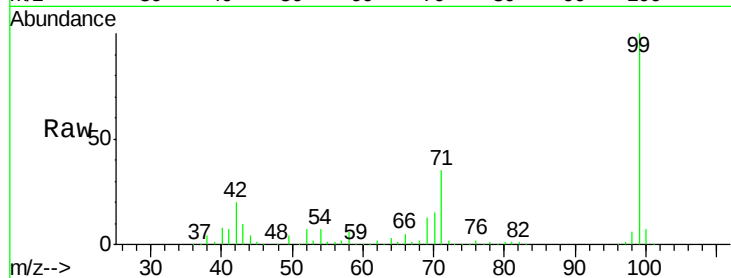
Tot Ion: 99 Resp: 469869

Ion Ratio Lower Upper

99 100

42 19.9 15.8 23.6

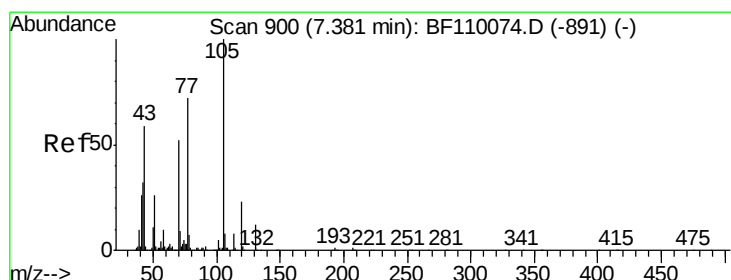
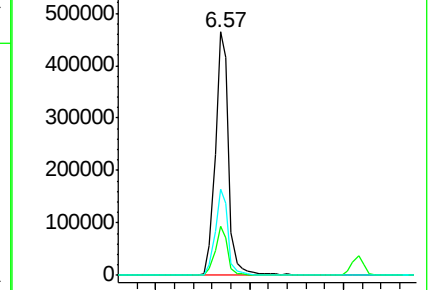
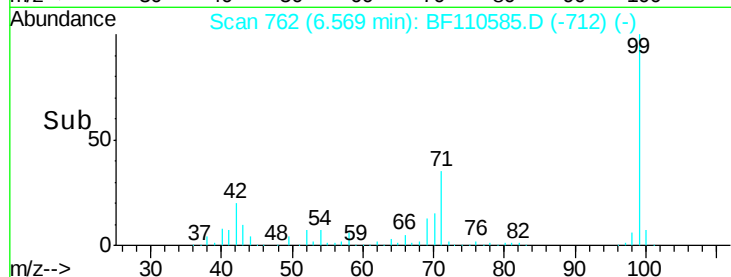
71 35.3 28.0 42.0



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: 13.98 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110585.D

Acq: 8 Nov 2018 15:30

Tgt Ion: 70 Resp: 46569

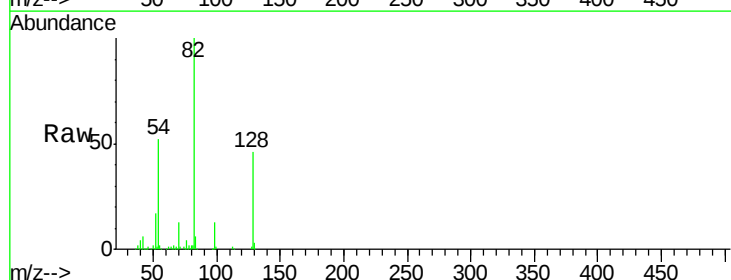
Ion Ratio Lower Upper

70 100

42 49.1 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

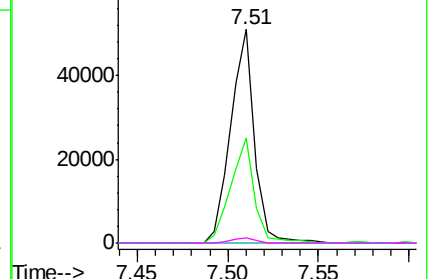
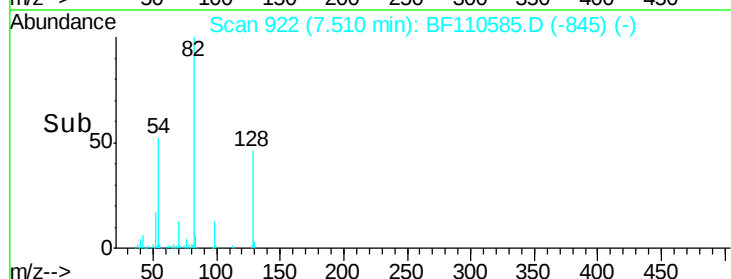


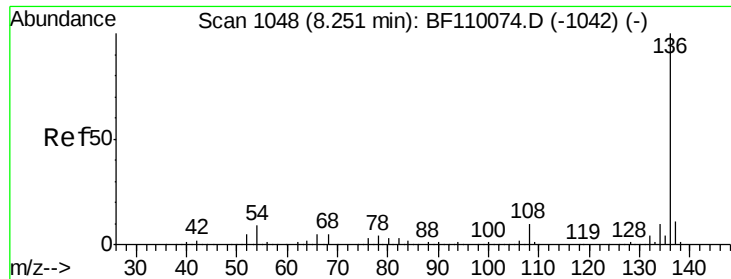
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

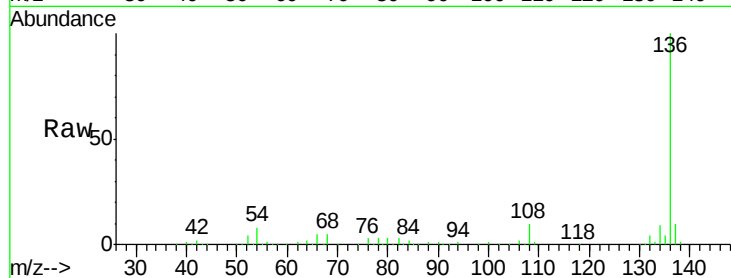




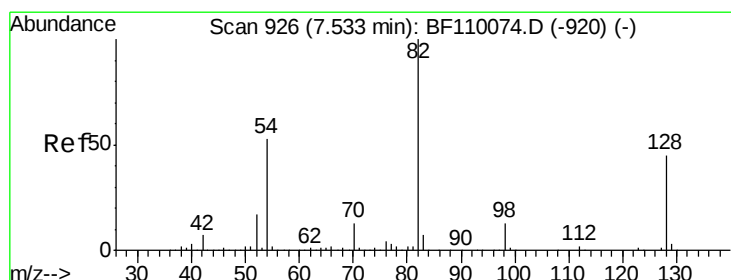
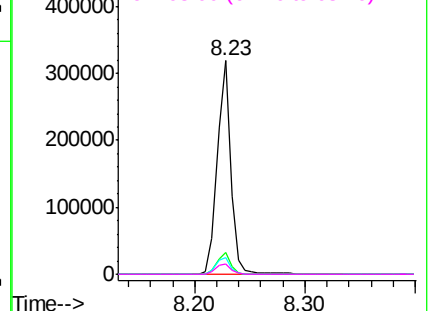
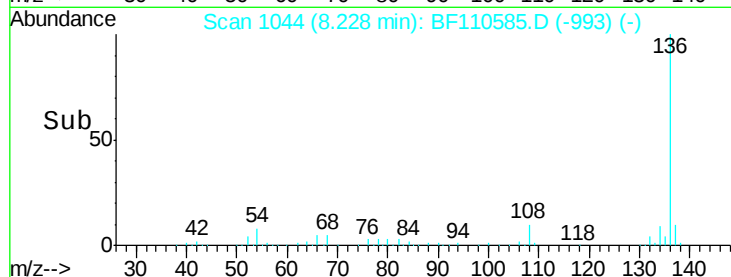
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110585.D
Acq: 8 Nov 2018 15:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	267710
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.8 13.2
54	7.7	5.4 8.2
68	4.9	4.2 6.2

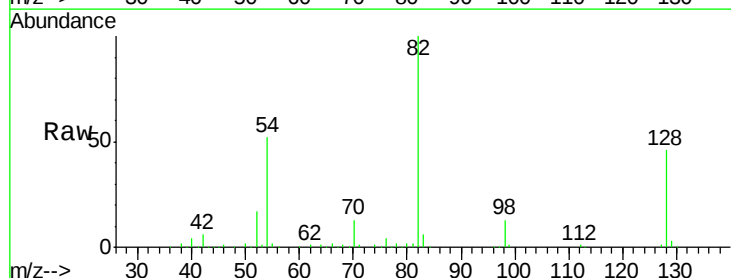


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

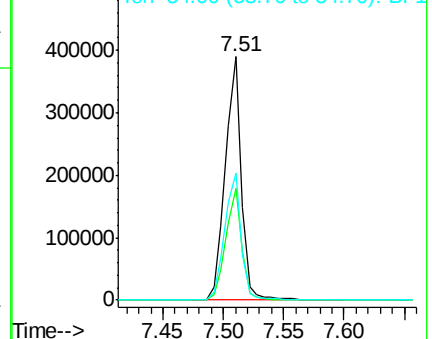
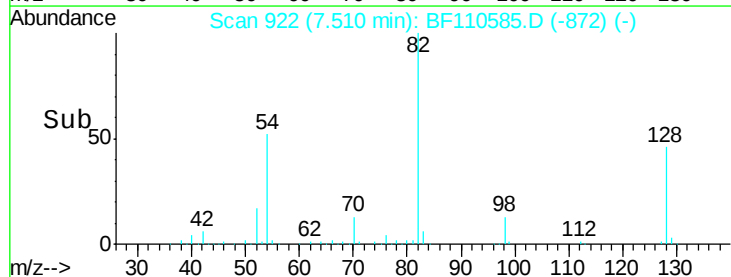


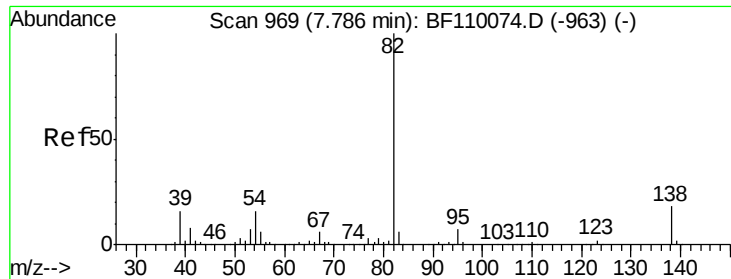
#23
Nitrobenzene-d5
Concen: 76.84 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110585.D
Acq: 8 Nov 2018 15:30

Tgt Ion: 82	Resp:	357176
Ion Ratio	Lower	Upper
82	100	
128	45.8	34.2 51.2
54	52.1	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

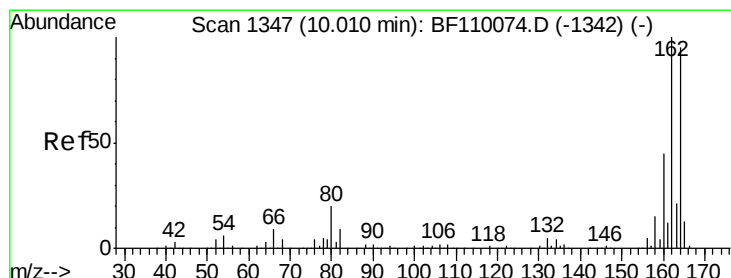
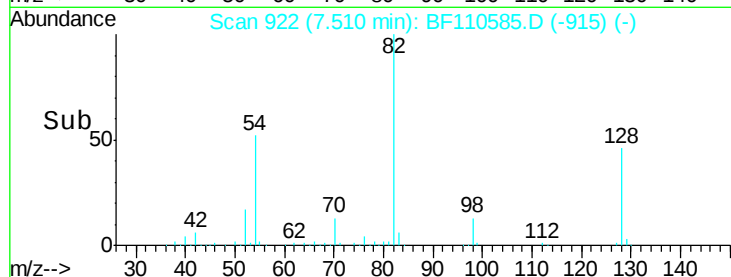
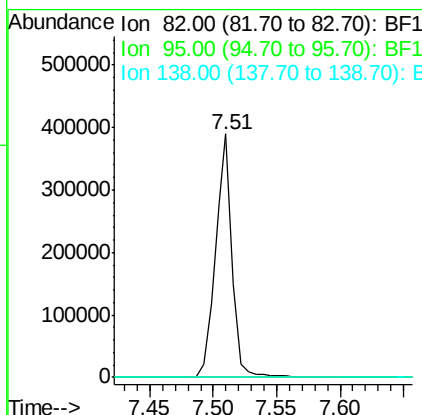
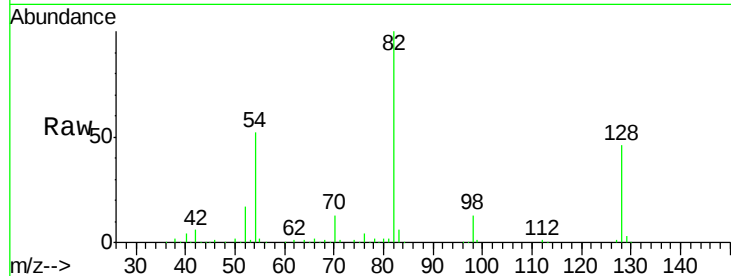




#25
Isophorone
Concen: 46.88 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110585.D
Acq: 8 Nov 2018 15:30

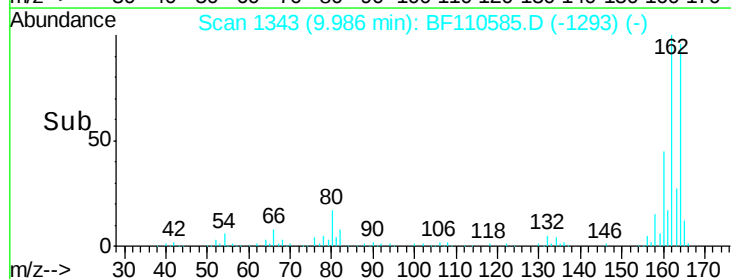
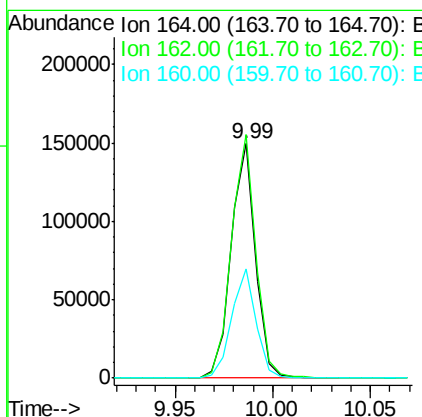
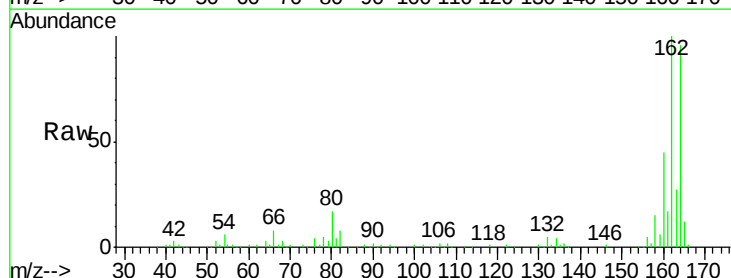
Instrument :
BNA_F
ClientSampleId :

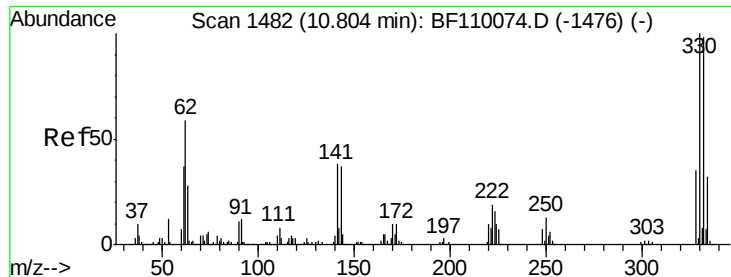
Tot Ion: 82 Resp: 357171
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110585.D
Acq: 8 Nov 2018 15:30

Tgt Ion:164 Resp: 128780
Ion Ratio Lower Upper
164 100
162 104.0 83.0 124.6
160 46.4 37.0 55.6

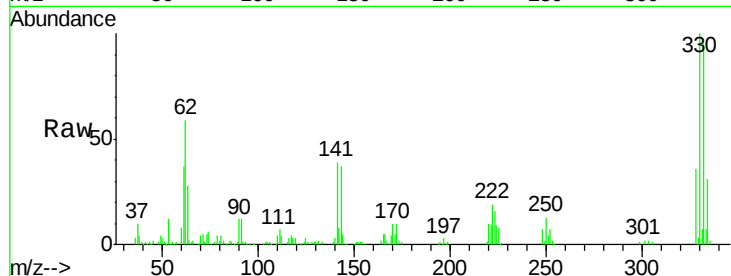




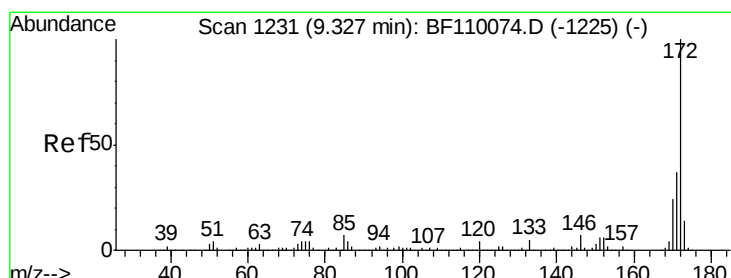
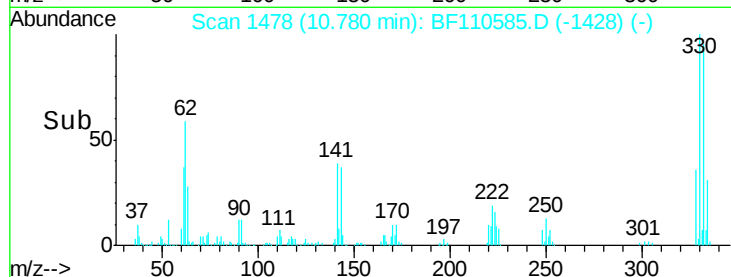
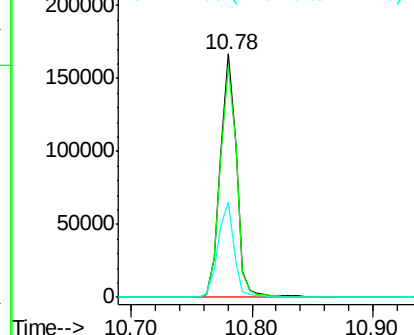
#42
 2,4,6-Tribromophenol
 Concen: 117.52 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110585.D
 Acq: 8 Nov 2018 15:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 152490
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.1 115.7
 141 38.9 27.0 40.4

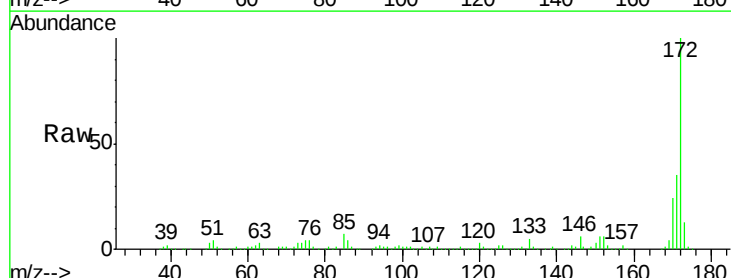


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

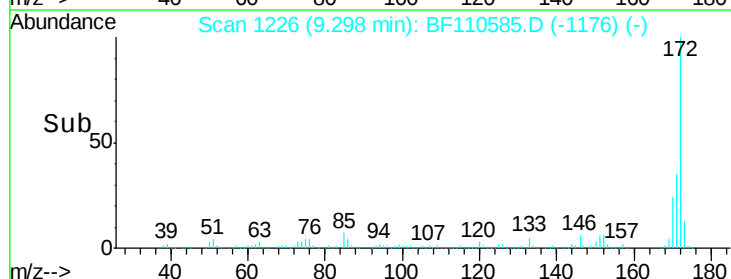
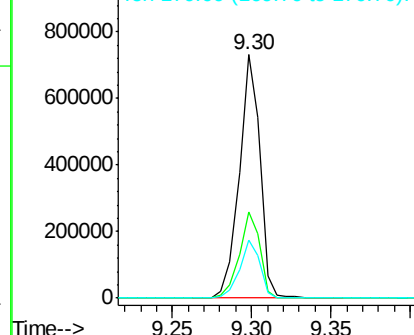


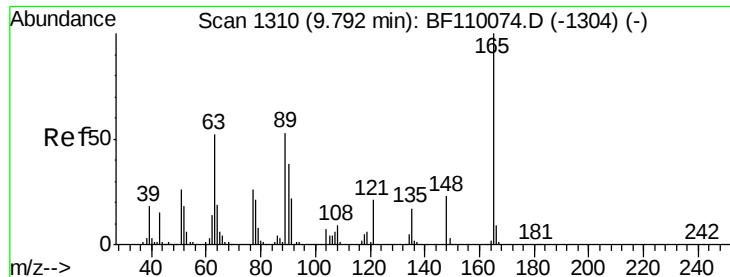
#45
 2-Fluorobiphenyl
 Concen: 73.49 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110585.D
 Acq: 8 Nov 2018 15:30

Tgt Ion:172 Resp: 662686
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.6 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

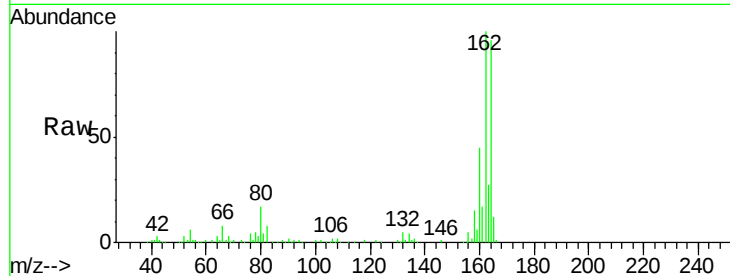




#51
2,6-Dinitrotoluene
Concen: 7.82 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110585.D
Acq: 8 Nov 2018 15:30

Instrument :
BNA_F
ClientSampleId :

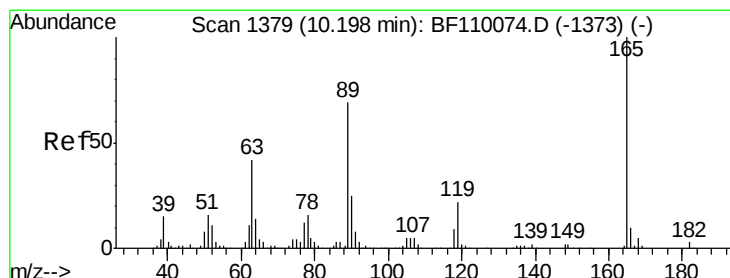
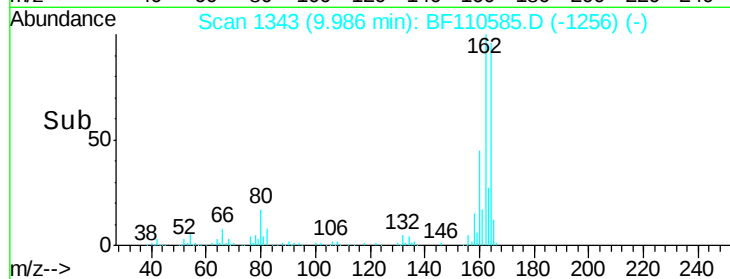
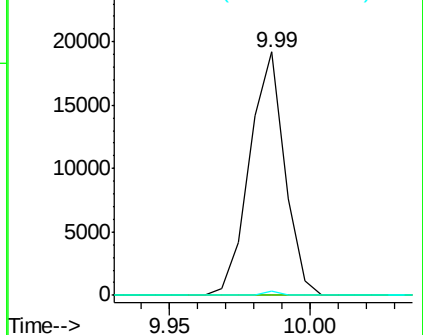
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.7	46.6	69.8#



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: 6.01 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110585.D
Acq: 8 Nov 2018 15:30

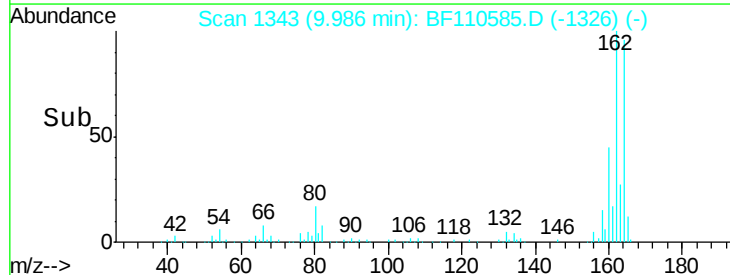
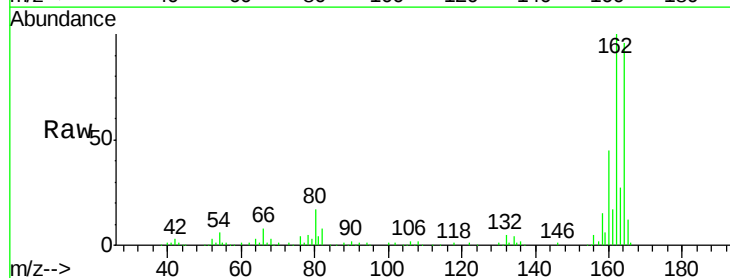
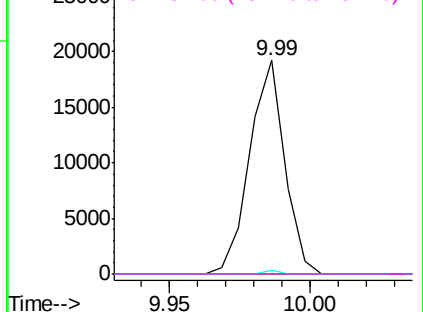
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#

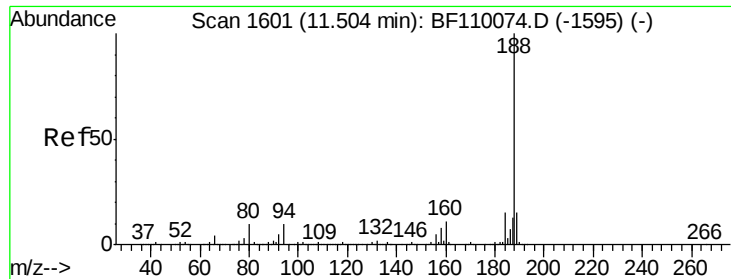
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110585.D

Acq: 8 Nov 2018 15:30

Instrument :

BNA_F

ClientSampleId :

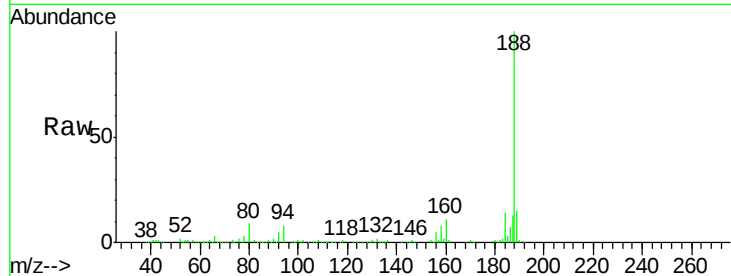
Tot Ion:188 Resp: 248109

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

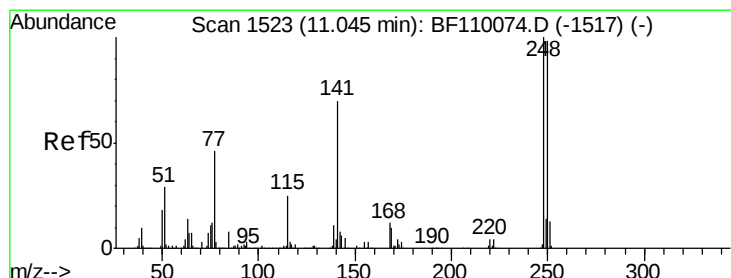
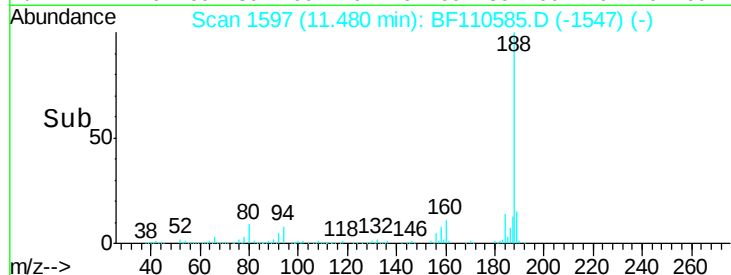
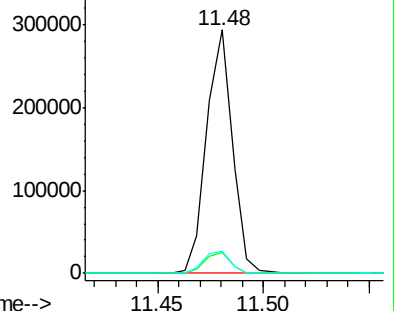
80 9.0 7.9 11.9



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: 3.51 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.24 min

Lab File: BF110585.D

Acq: 8 Nov 2018 15:30

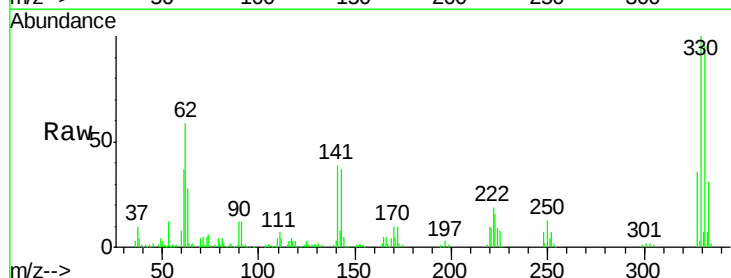
Tgt Ion:248 Resp: 9612

Ion Ratio Lower Upper

248 100

250 195.0 79.4 119.2#

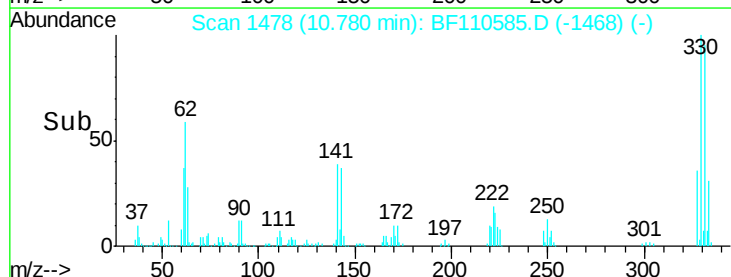
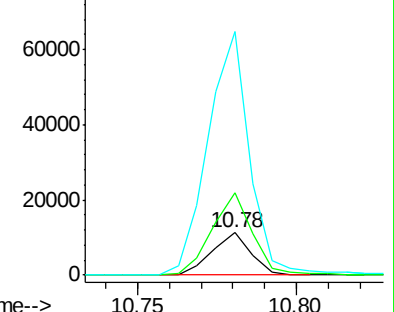
141 578.3 55.9 83.9#

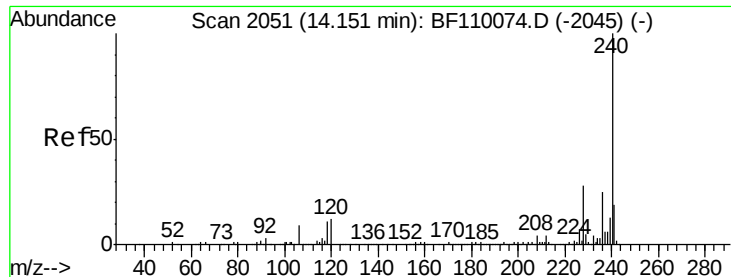


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

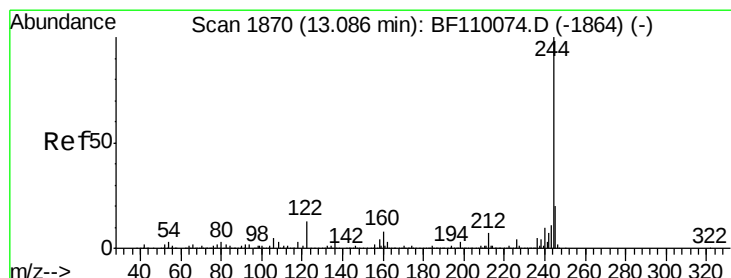
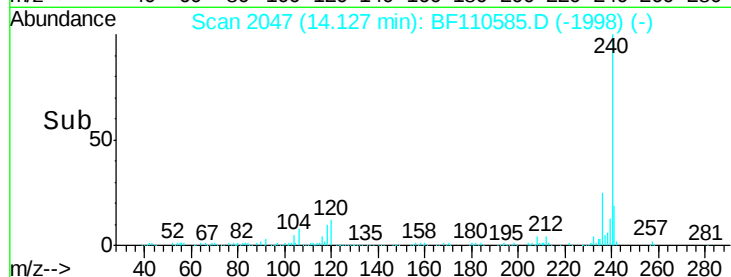
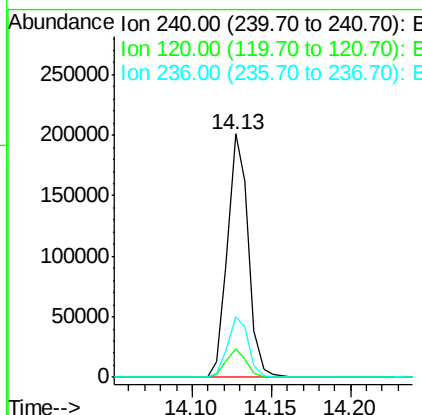
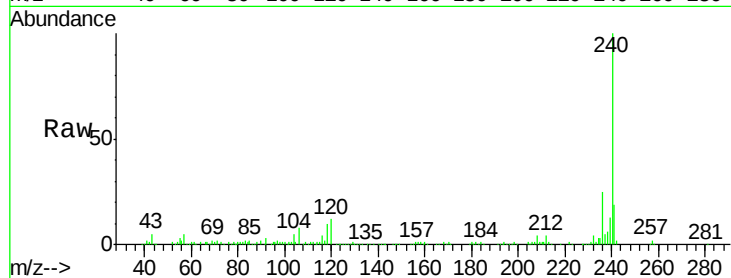




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110585.D
Acq: 8 Nov 2018 15:30

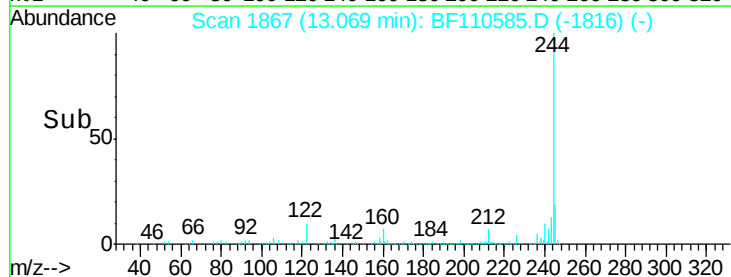
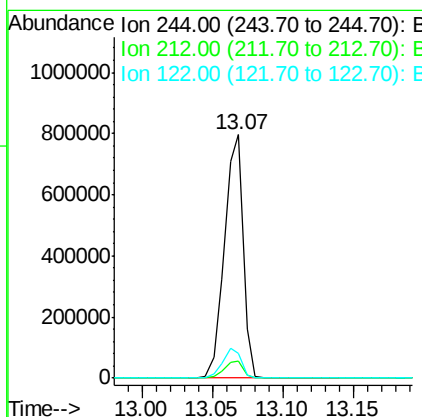
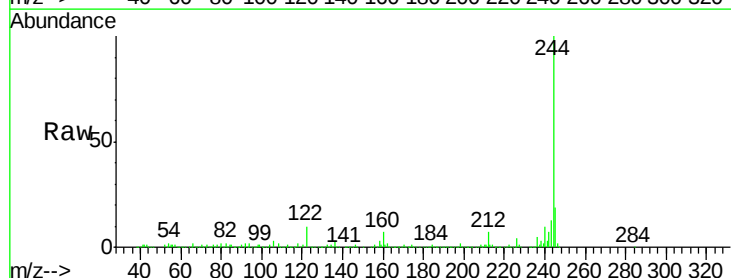
Instrument :
BNA_F
ClientSampled :

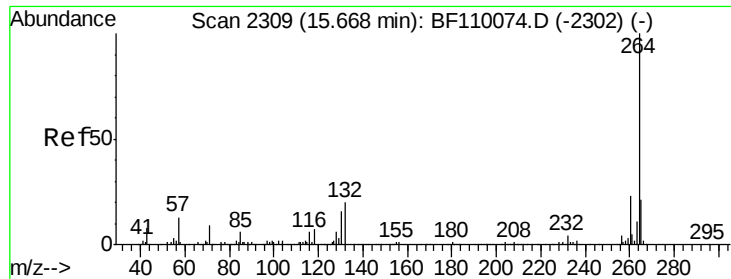
Tot Ion:240 Resp: 182523
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 24.9 21.2 31.8



#79
Terphenyl-d14
Concen: 74.91 ng
RT: 13.07 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BF110585.D
Acq: 8 Nov 2018 15:30

Tgt Ion:244 Resp: 730135
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 10.2 8.7 13.1





#87
Pervlene-d12
Concen: 20.00 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110585.D
Acq: 8 Nov 2018 15:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	20.7	16.7	25.1

