

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110522.D
 Acq On : 6 Nov 2018 18:29
 Operator : JU/SJ
 Sample : J5822-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 08:44:18 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

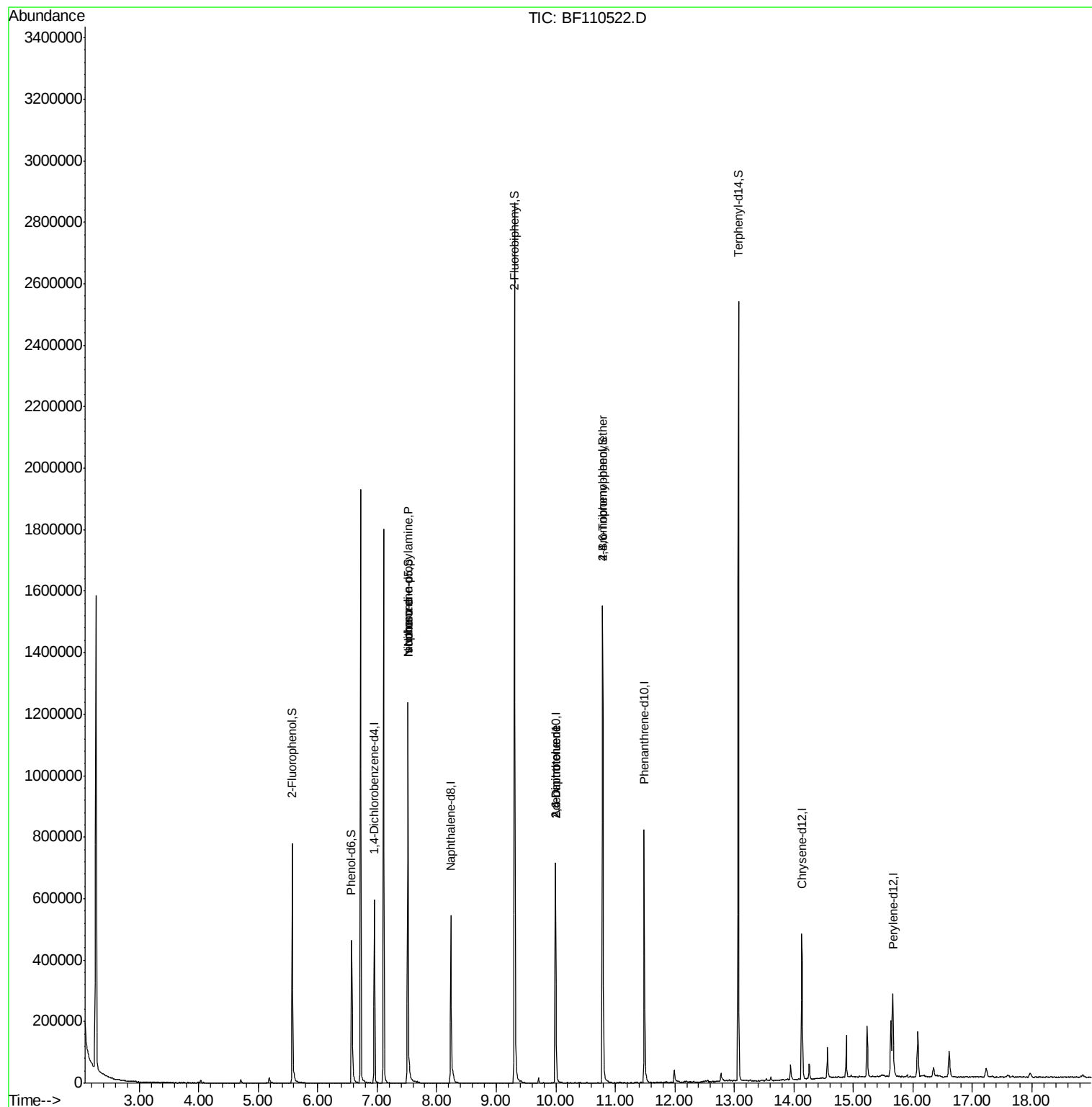
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	85681	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	359089	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	182129	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	352621	20.00	ng	0.00
76) Chrysene-d12	14.13	240	192051	20.00	ng	0.00
87) Perylene-d12	15.66	264	160249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	245738	46.70	ng	0.00
7) Phenol-d6	6.57	99	193474	28.75	ng	0.00
23) Nitrobenzene-d5	7.52	82	464930	76.80	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	191055	105.90	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	903472	77.89	ng	0.00
79) Terphenyl-d14	13.07	244	877412	95.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	60686	14.06	ng	# 79
25) Isophorone	7.52	82	464927	45.05	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	22144	7.65	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	22144	6.02	ng	# 18
67) 4-Bromophenyl-phenylether	10.79	248	12172	3.18	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110522.D
Acq On : 6 Nov 2018 18:29
Operator : JU/SJ
Sample : J5822-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 07 08:44:18 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

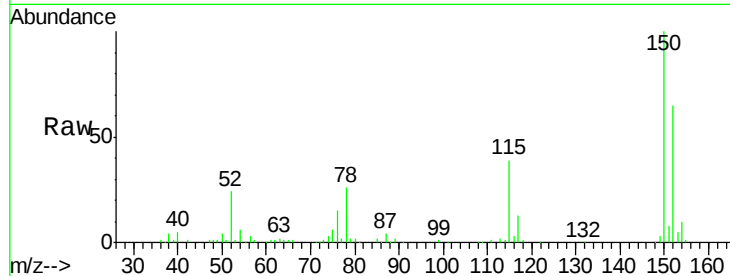




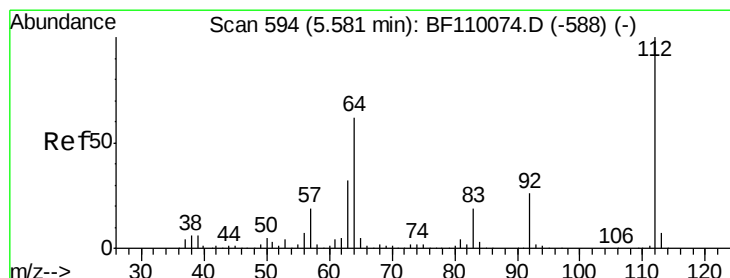
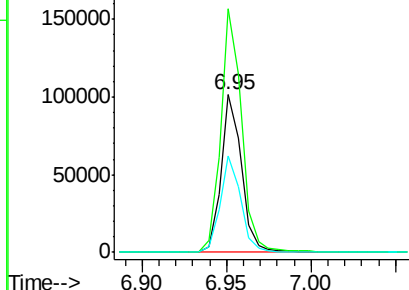
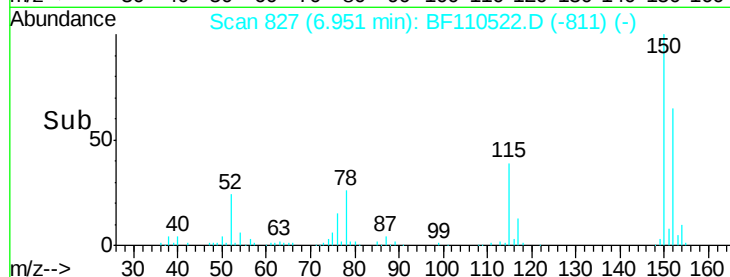
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF110522.D
 Acq: 6 Nov 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 85681
 Ion Ratio Lower Upper
 152 100
 150 154.7 122.7 184.1
 115 60.9 49.1 73.7

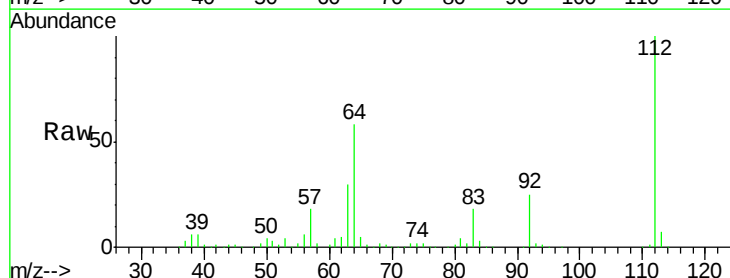


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

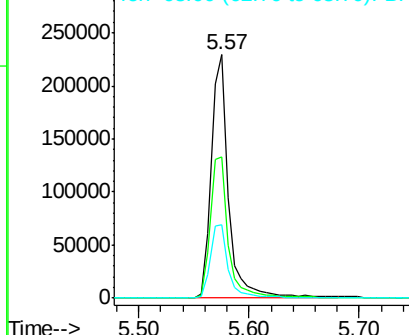
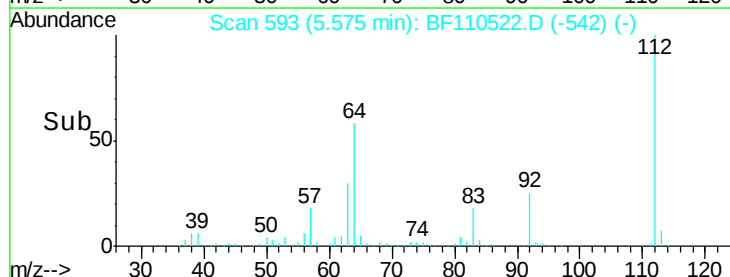


#5
 2-Fluorophenol
 Concen: 46.70 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF110522.D
 Acq: 6 Nov 2018 18:29

Tgt Ion:112 Resp: 245738
 Ion Ratio Lower Upper
 112 100
 64 58.0 44.1 66.1
 63 30.3 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: 28.75 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110522.D

Acq: 6 Nov 2018 18:29

Instrument :

BNA_F

ClientSampleId :

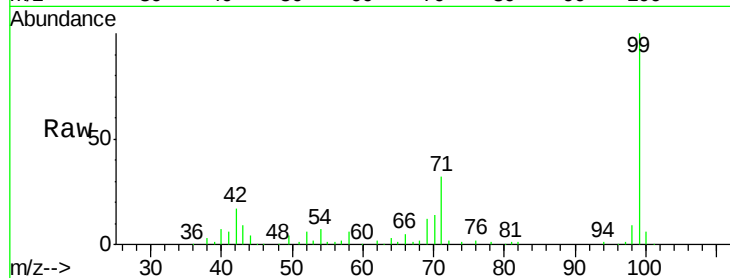
Tot Ion: 99 Resp: 193474

Ion Ratio Lower Upper

99 100

42 17.2 15.8 23.6

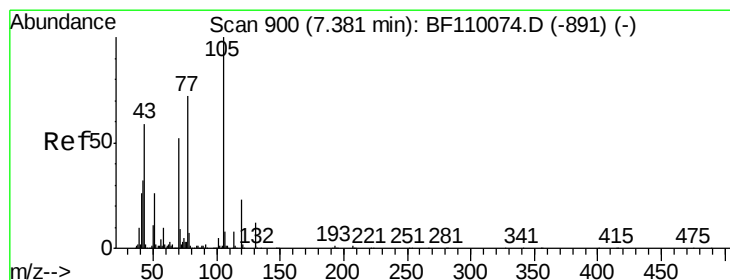
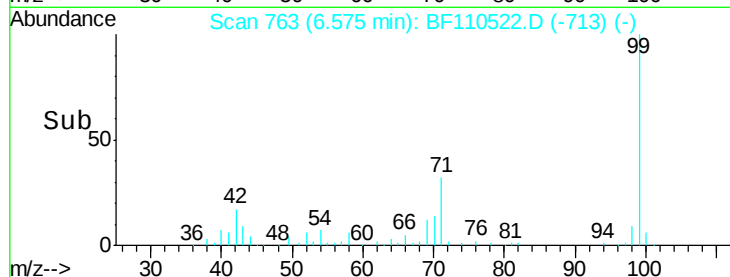
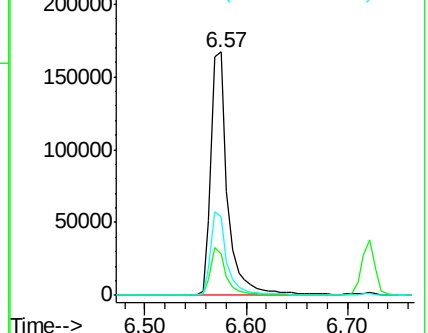
71 32.5 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.06 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.15 min

Lab File: BF110522.D

Acq: 6 Nov 2018 18:29

Tgt Ion: 70 Resp: 60686

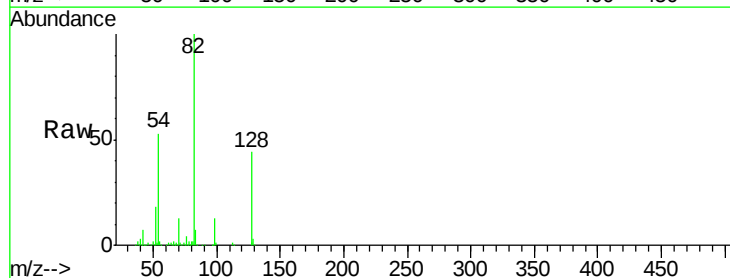
Ion Ratio Lower Upper

70 100

42 48.6 47.4 71.2

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#

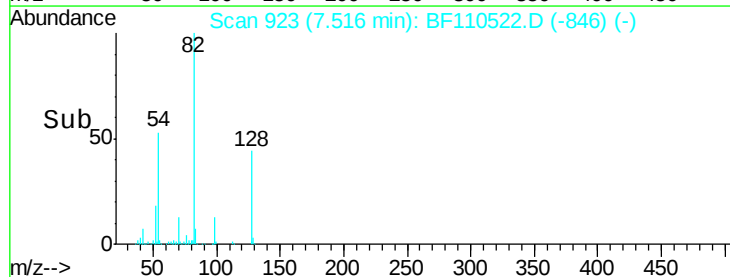
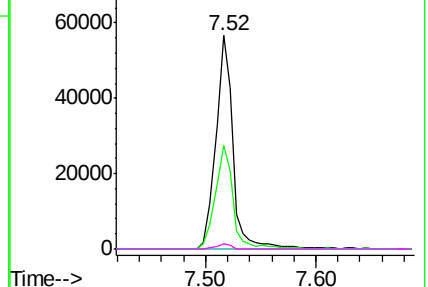


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

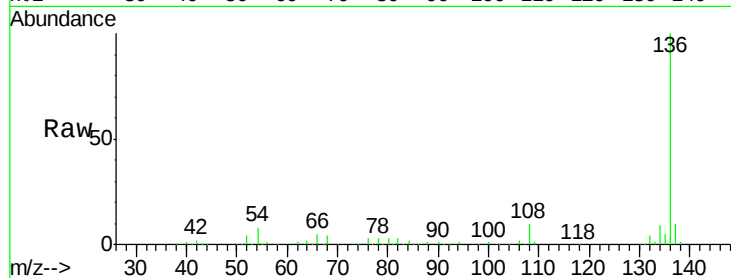




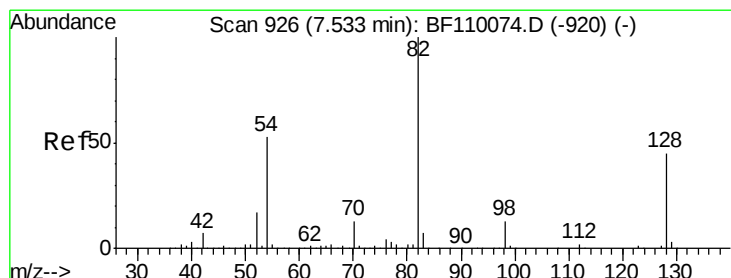
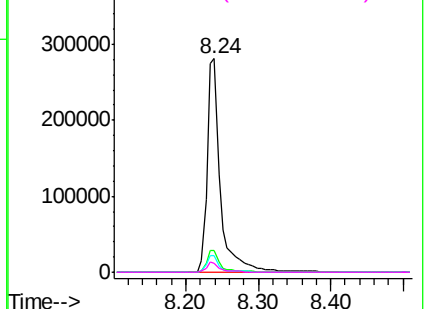
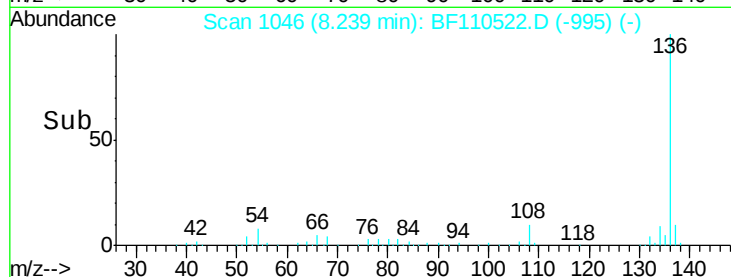
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110522.D
Acq: 6 Nov 2018 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	359089
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.8 13.2
54	7.6	5.4 8.2
68	4.4	4.2 6.2

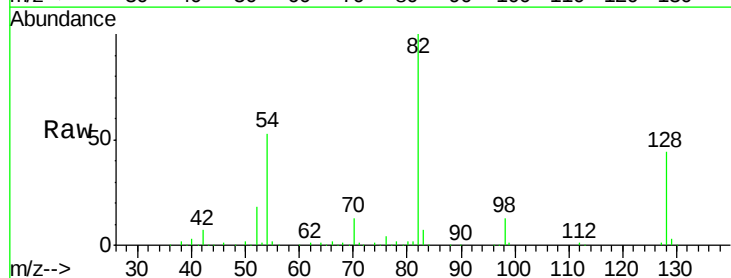


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

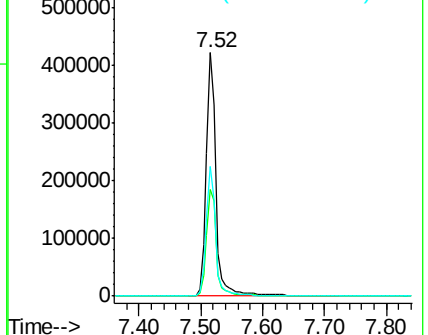
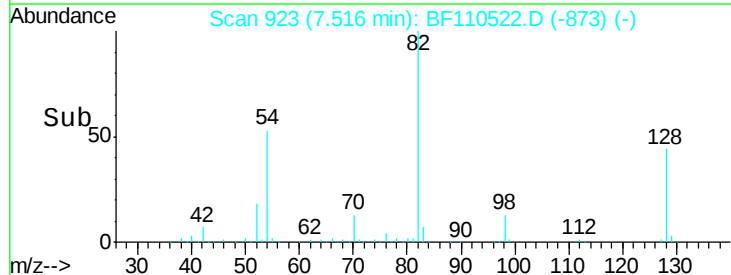


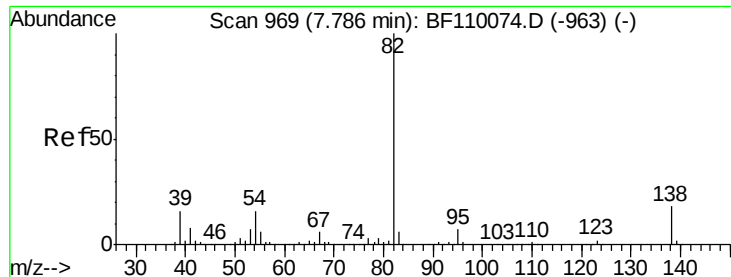
#23
Nitrobenzene-d5
Concen: 76.80 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110522.D
Acq: 6 Nov 2018 18:29

Tgt Ion: 82	Resp:	464930
Ion	Ratio	Lower Upper
82	100	
128	43.6	34.2 51.2
54	53.2	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: 45.05 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.26 min

Lab File: BF110522.D

Acq: 6 Nov 2018 18:29

Instrument :

BNA_F

ClientSampleId :

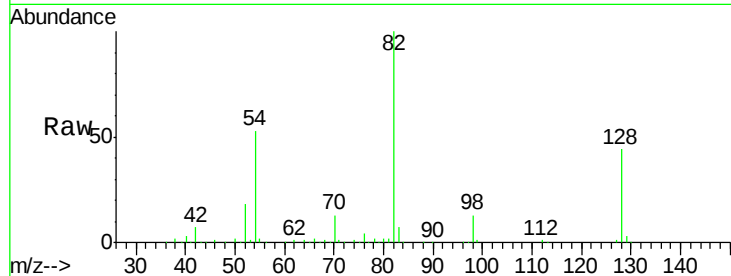
Tot Ion: 82 Resp: 464927

Ion Ratio Lower Upper

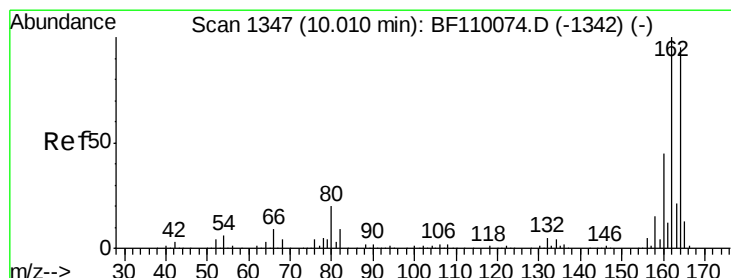
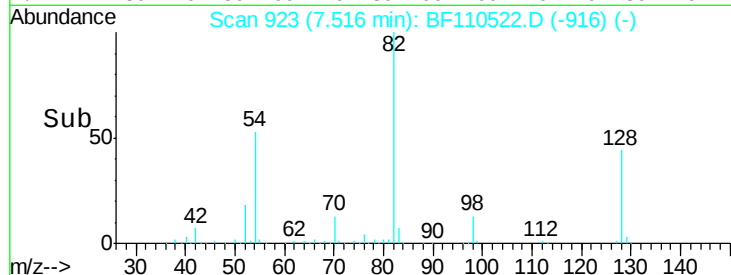
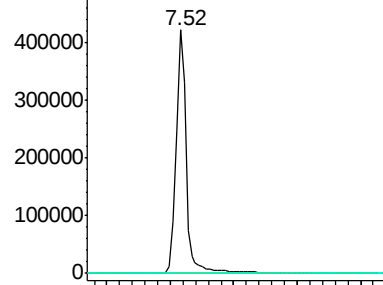
82 100

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: BF110522.D

Acq: 6 Nov 2018 18:29

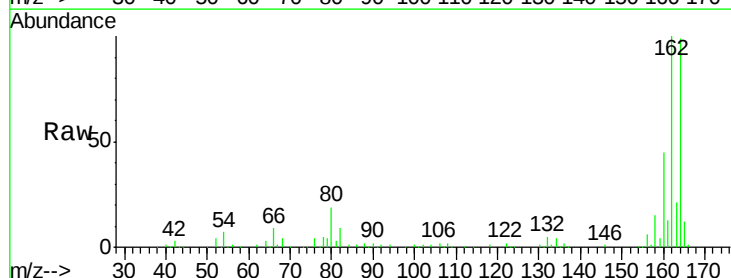
Tgt Ion:164 Resp: 182129

Ion Ratio Lower Upper

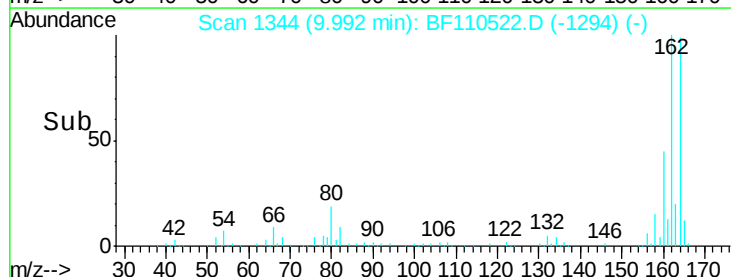
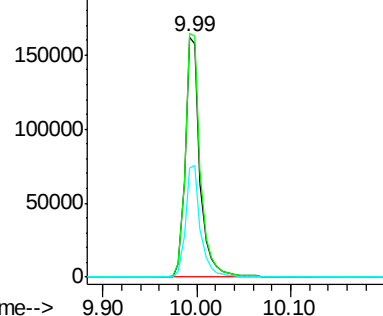
164 100

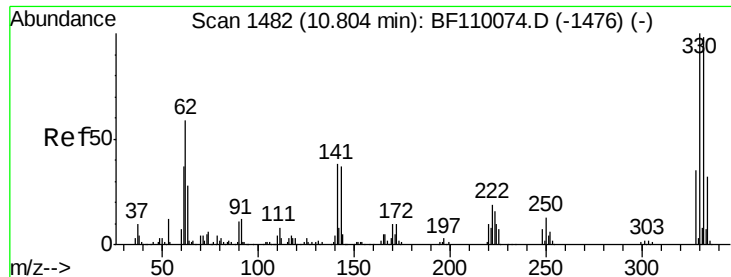
162 101.4 83.0 124.6

160 45.5 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 105.90 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110522.D

Acq: 6 Nov 2018 18:29

Instrument :

BNA_F

ClientSampleId :

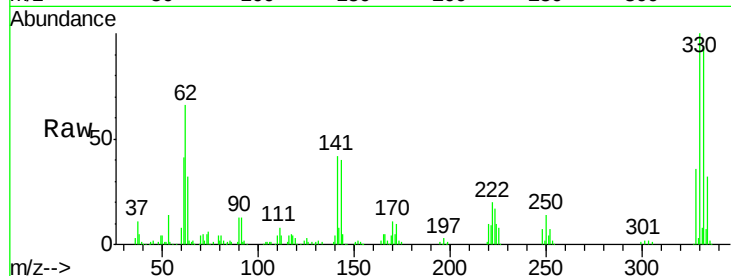
Tot Ion:330 Resp: 191055

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

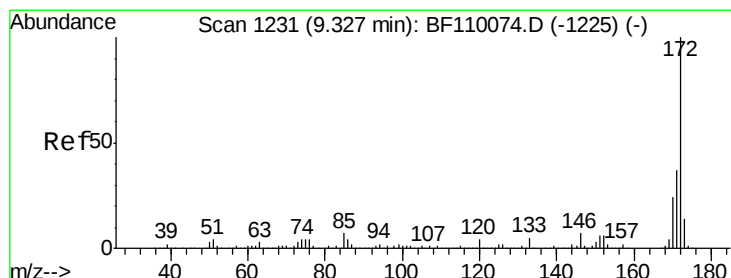
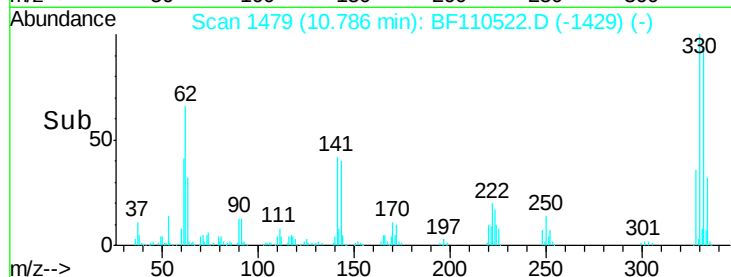
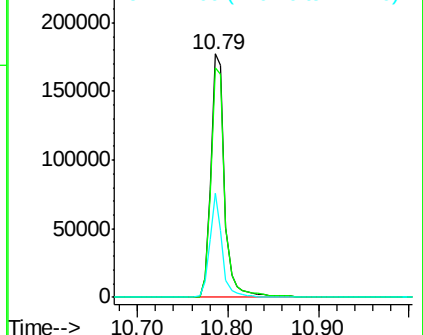
141 38.4 27.0 40.4



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: 77.89 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110522.D

Acq: 6 Nov 2018 18:29

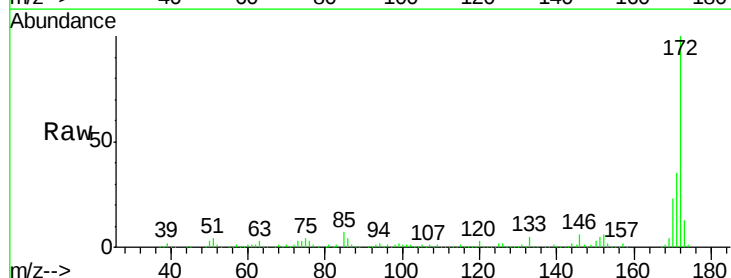
Tgt Ion:172 Resp: 903472

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

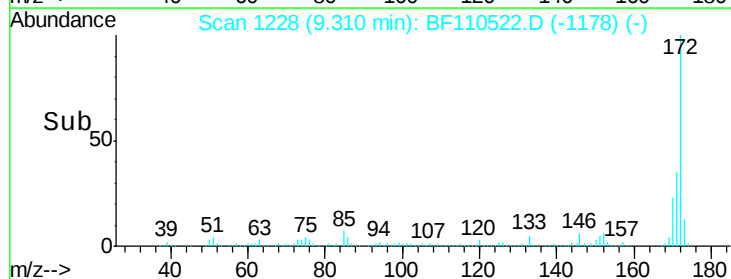
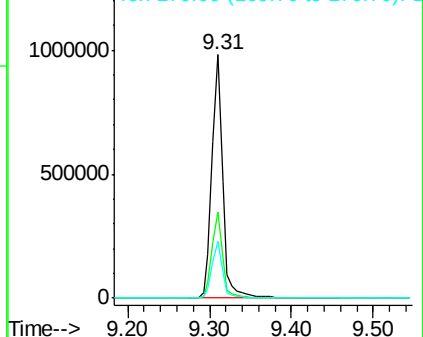
170 23.5 19.7 29.5



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

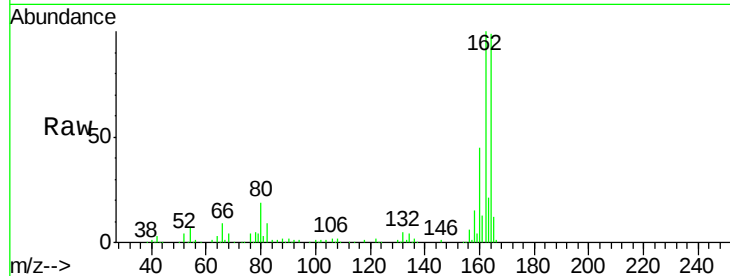




#51
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.21 min
Lab File: BF110522.D
Acq: 6 Nov 2018 18:29

Instrument :
BNA_F
ClientSampled :

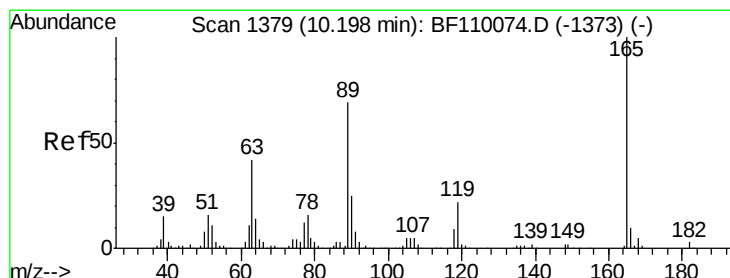
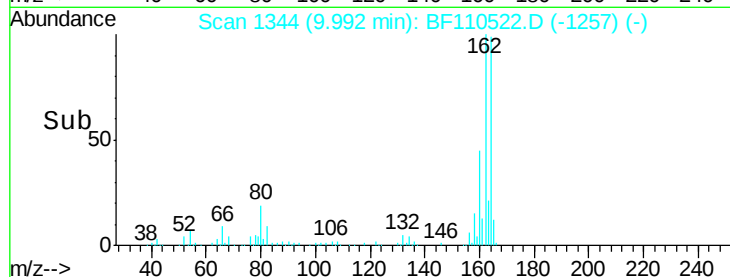
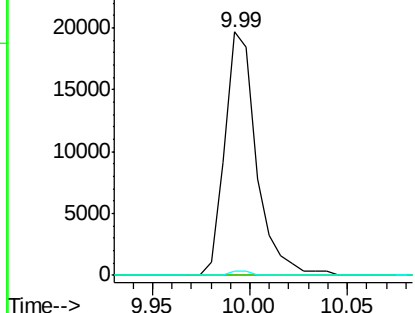
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.6	46.6	69.8#



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: 6.02 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110522.D
Acq: 6 Nov 2018 18:29

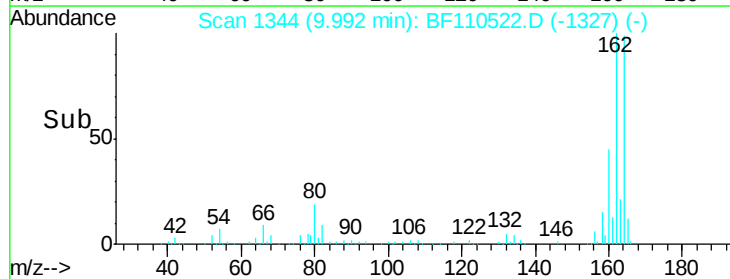
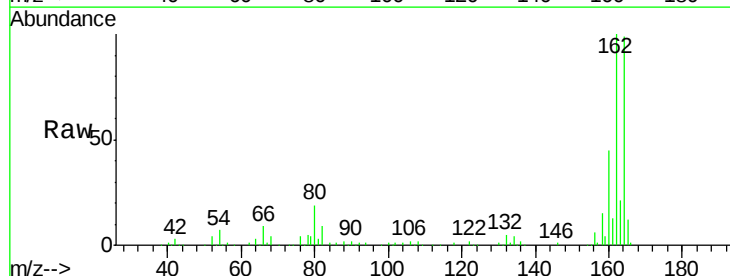
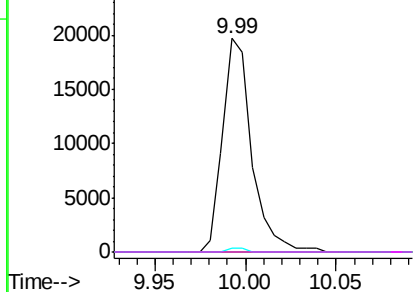
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#

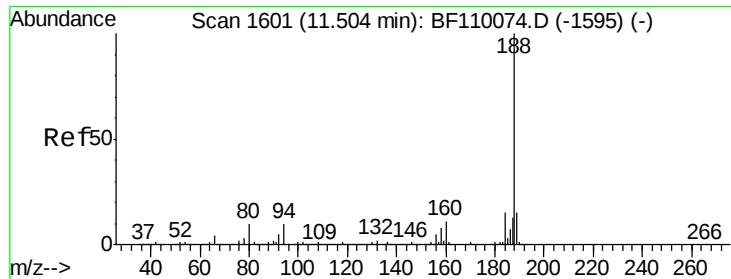
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF110522.D

Acq: 6 Nov 2018 18:29

Instrument :

BNA_F

ClientSampleId :

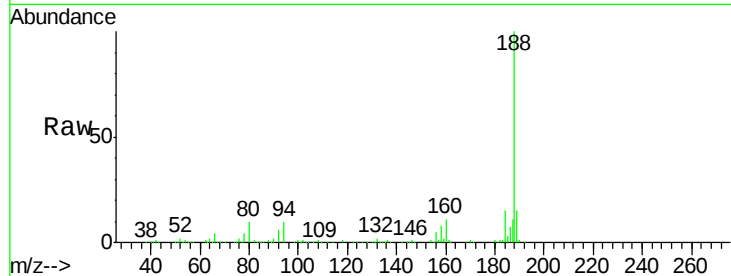
Tot Ion:188 Resp: 352621

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

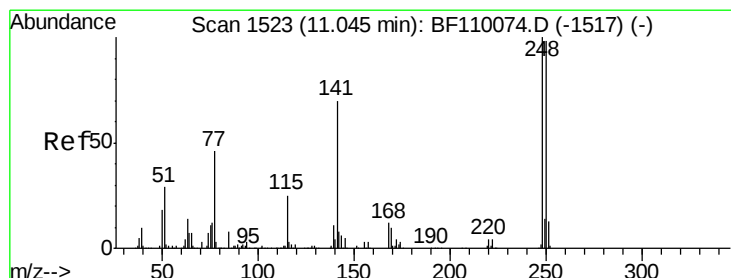
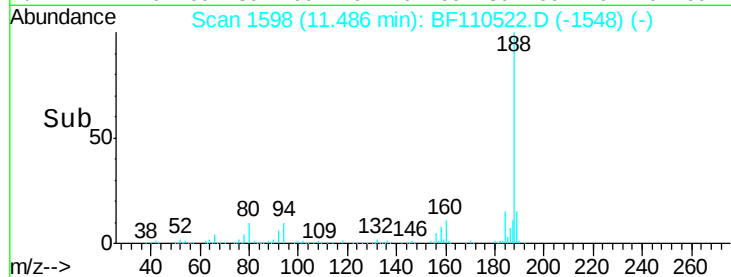
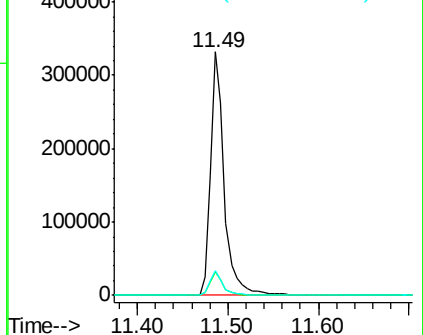
80 10.3 7.9 11.9



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: 3.18 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.24 min

Lab File: BF110522.D

Acq: 6 Nov 2018 18:29

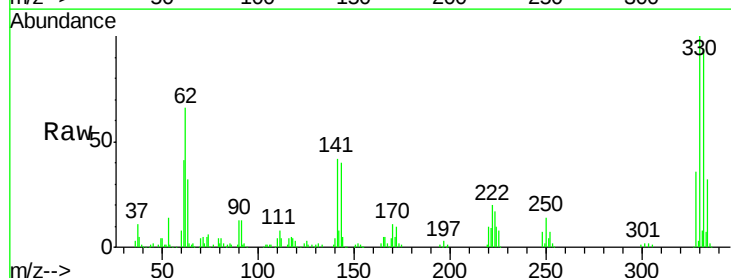
Tgt Ion:248 Resp: 12172

Ion Ratio Lower Upper

248 100

250 194.3 79.4 119.2#

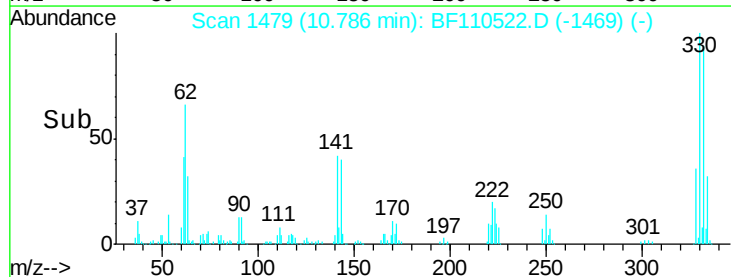
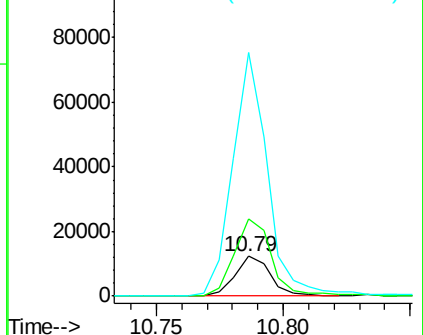
141 611.5 55.9 83.9#

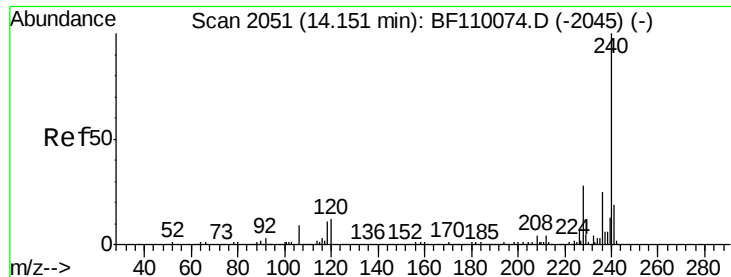


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

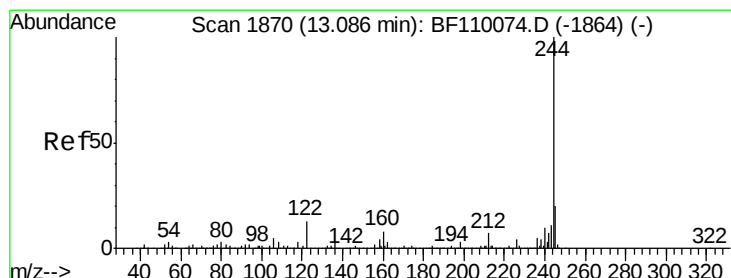
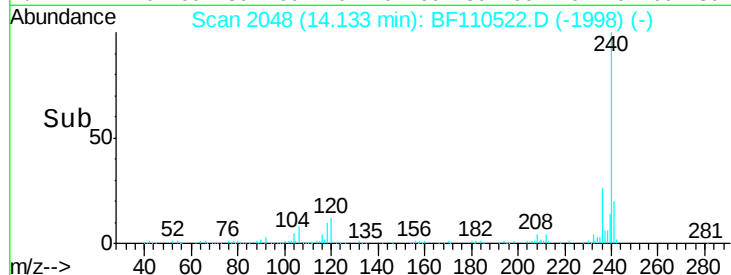
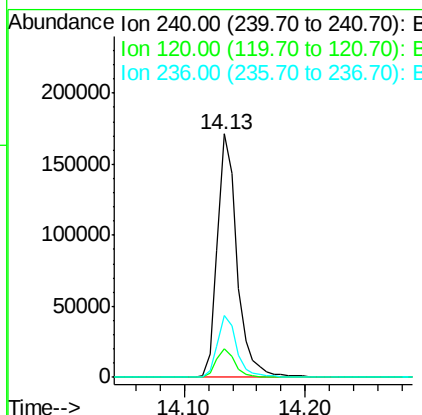
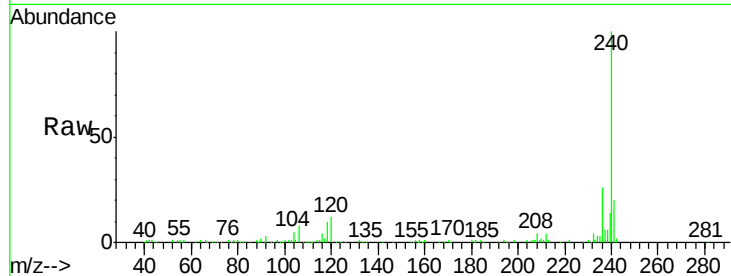




#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110522.D
 Acq: 6 Nov 2018 18:29

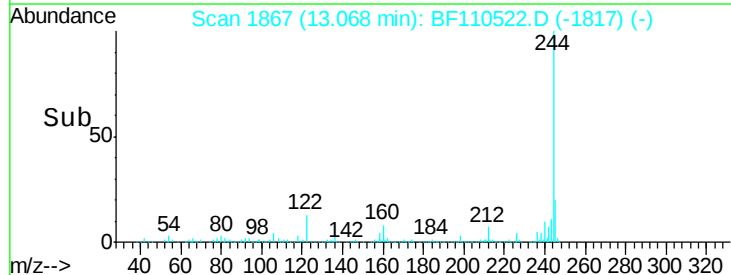
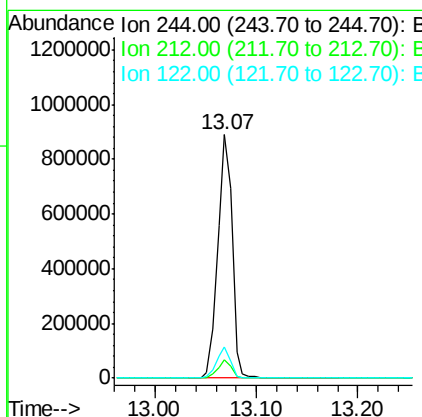
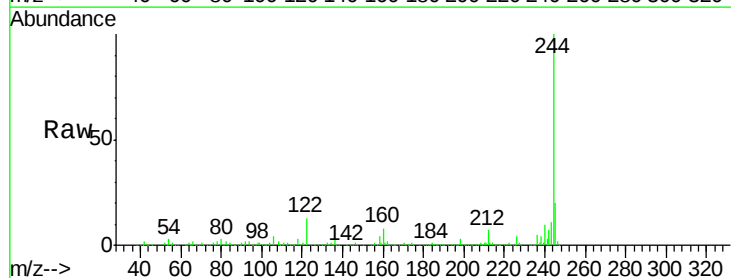
Instrument :
 BNA_F
 ClientSampleId :

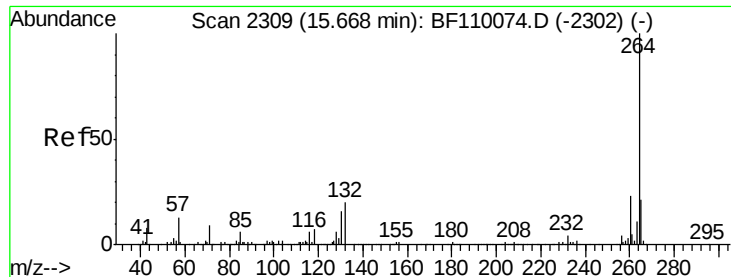
Tot Ion:240 Resp: 192051
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.3 12.5
 236 25.6 21.2 31.8



#79
 Terphenyl-d14
 Concen: 95.01 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110522.D
 Acq: 6 Nov 2018 18:29

Tgt Ion:244 Resp: 877412
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 13.0 8.7 13.1





#87
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: BF110522.D
 Acq: 6 Nov 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.7	28.1
265	22.1	16.7	25.1

