

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112118\
 Data File : BF110934.D
 Acq On : 21 Nov 2018 17:56
 Operator : JU/SJ
 Sample : J5772-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-112018-C

Quant Time: Nov 21 22:08:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

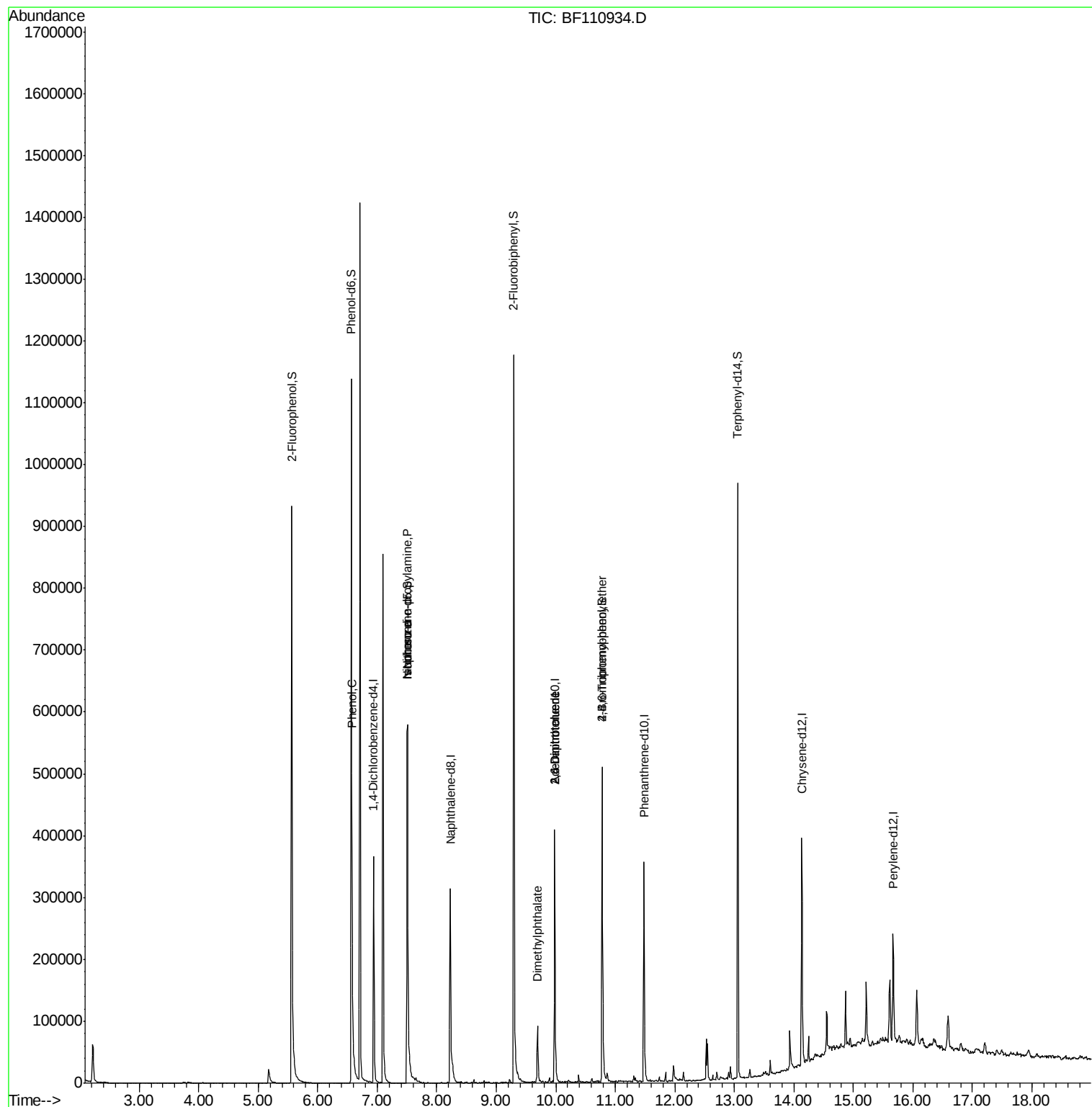
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	57597	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	227676	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	101195	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	157934	20.00	ng	0.00
76) Chrysene-d12	14.13	240	126472	20.00	ng	0.00
87) Perylene-d12	15.67	264	90392	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	325259	91.73	ng	0.00
7) Phenol-d6	6.57	99	407189	89.80	ng	0.00
23) Nitrobenzene-d5	7.51	82	262914	66.50	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	75899	74.44	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	447314	63.13	ng	0.00
79) Terphenyl-d14	13.06	244	316036	46.80	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.57	77	523	Below Cal		Qvalue
10) Phenol	6.58	94	18957	3.605 ng	#	1
19) n-Nitroso-di-n-propylamine	7.51	70	33579	11.601 ng	#	83
25) Isophorone	7.51	82	262913	40.575 ng	#	78
50) Dimethylphthalate	9.69	163	47980	6.354 ng	#	67
51) 2,6-Dinitrotoluene	9.98	165	12485	7.516 ng	#	98
57) 2,4-Dinitrotoluene	9.98	165	12485	5.781 ng	#	21
67) 4-Bromophenyl-phenylether	10.78	248	4913	2.815 ng	#	17
					#	1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112118\
Data File : BF110934.D
Acq On : 21 Nov 2018 17:56
Operator : JU/SJ
Sample : J5772-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-C

Quant Time: Nov 21 22:08:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration



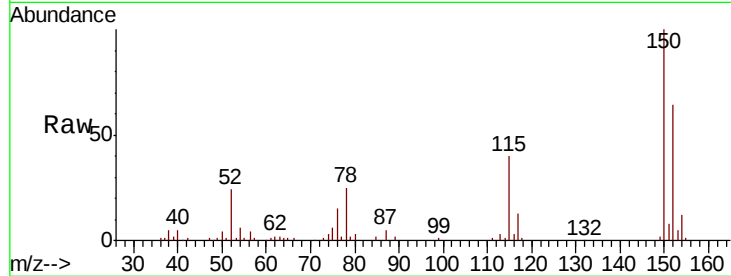


#1

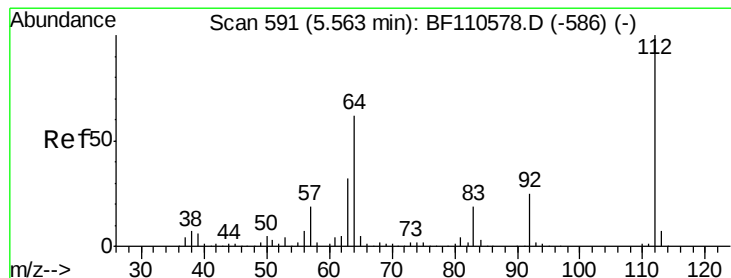
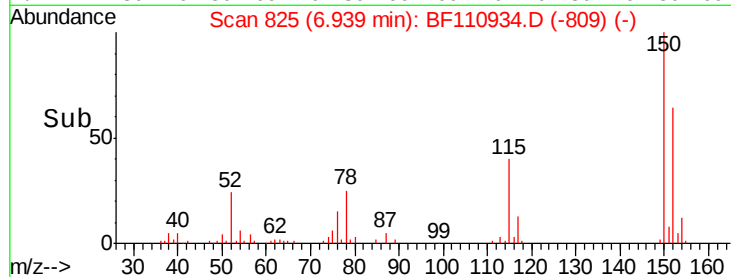
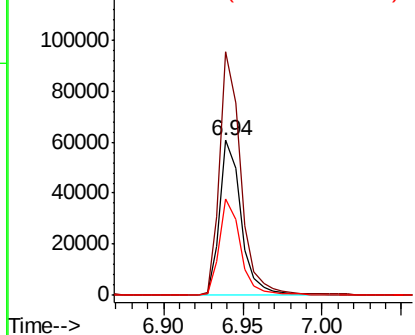
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110934.D
Acq: 21 Nov 2018 17:56

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-C

Tgt Ion:152 Resp: 57597
Ion Ratio Lower Upper
152 100
150 157.0 122.7 184.1
115 62.2 49.1 73.7



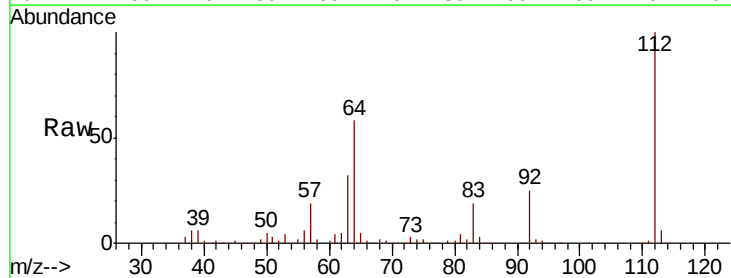
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



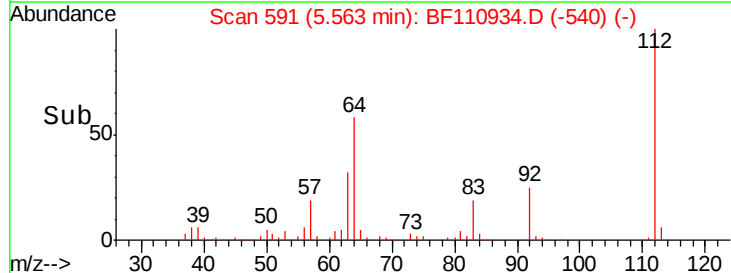
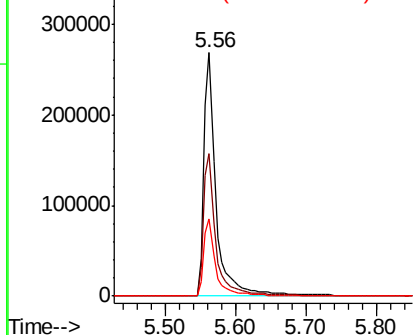
#5

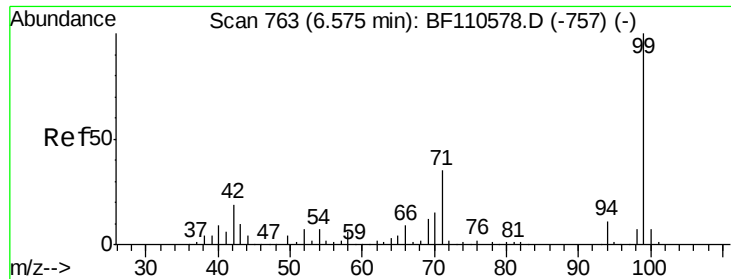
2-Fluorophenol
Concen: 91.728 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110934.D
Acq: 21 Nov 2018 17:56

Tgt Ion:112 Resp: 325259
Ion Ratio Lower Upper
112 100
64 58.4 44.1 66.1
63 31.7 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: 89.800 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110934.D

Acq: 21 Nov 2018 17:56

Instrument :

BNA_F

ClientSampleId :

PL-01-112018-C

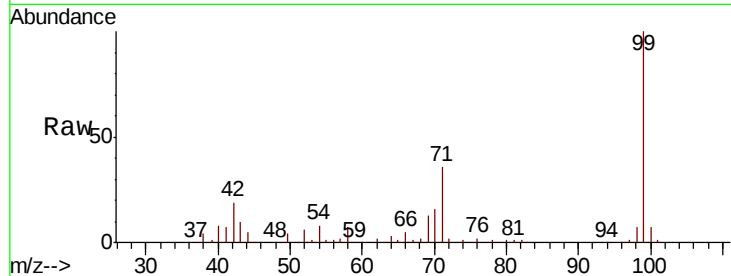
Tgt Ion: 99 Resp: 407189

Ion Ratio Lower Upper

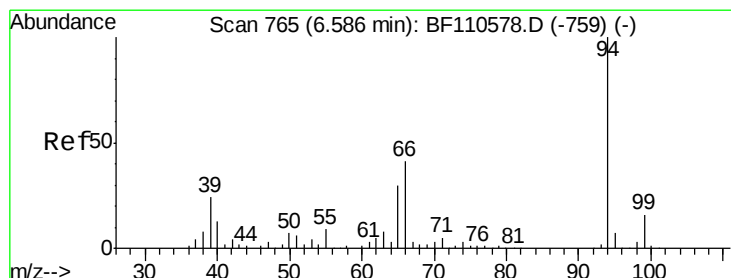
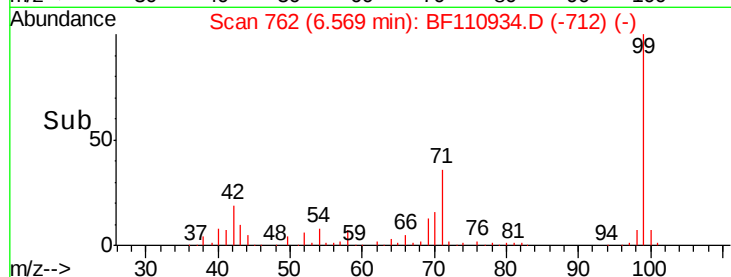
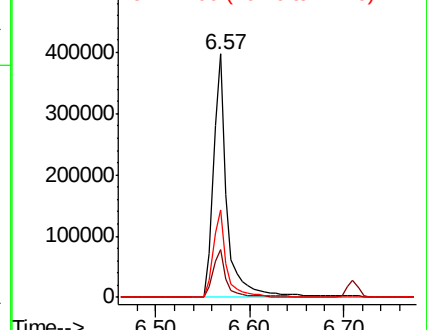
99 100

42 19.5 15.8 23.6

71 35.8 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: 3.605 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110934.D

Acq: 21 Nov 2018 17:56

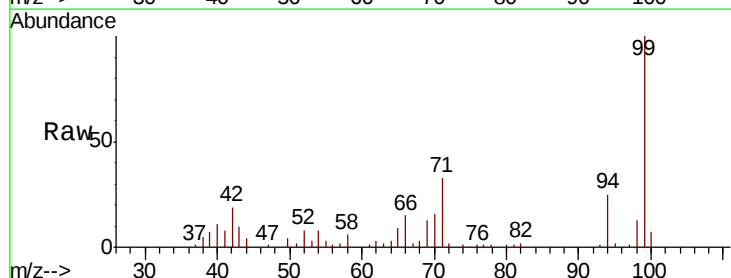
Tgt Ion: 94 Resp: 18957

Ion Ratio Lower Upper

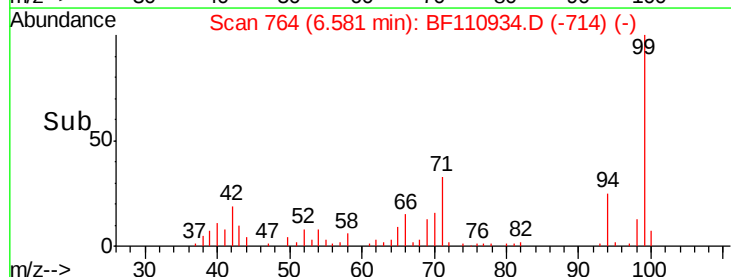
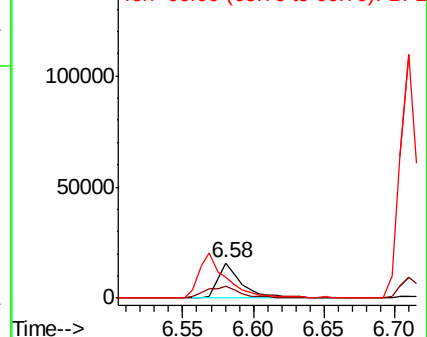
94 100

65 33.7 25.3 65.3

66 60.9 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

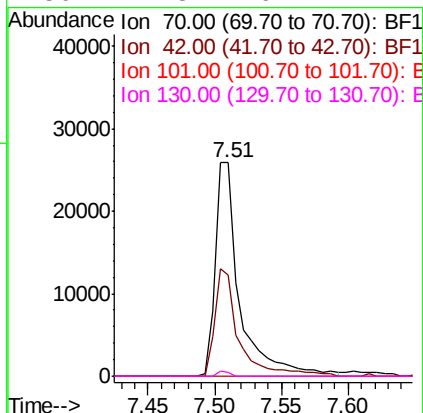
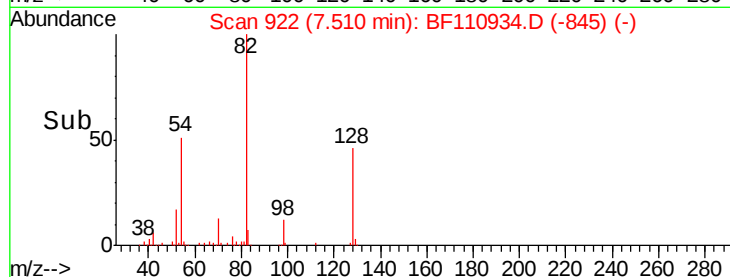
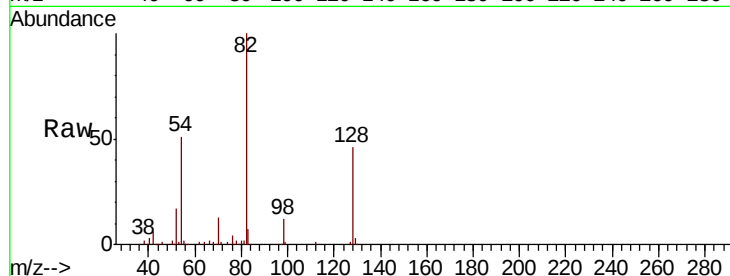




#19
n-Nitroso-di-n-propylamine
Concen: 11.601 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110934.D
Acq: 21 Nov 2018 17:56

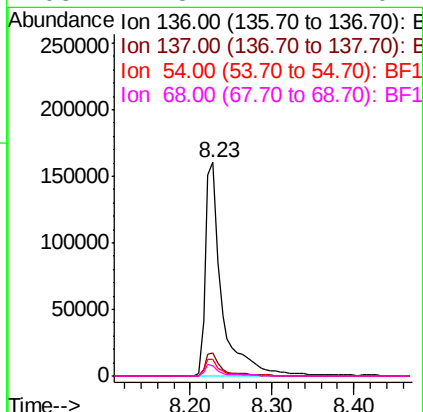
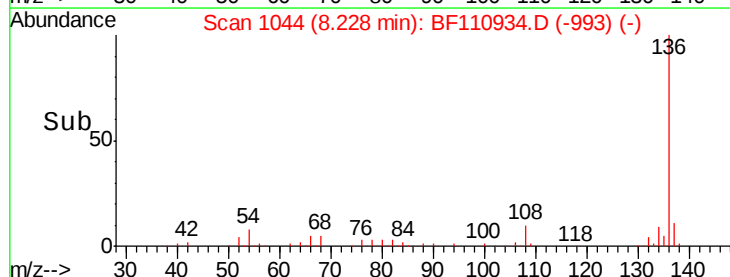
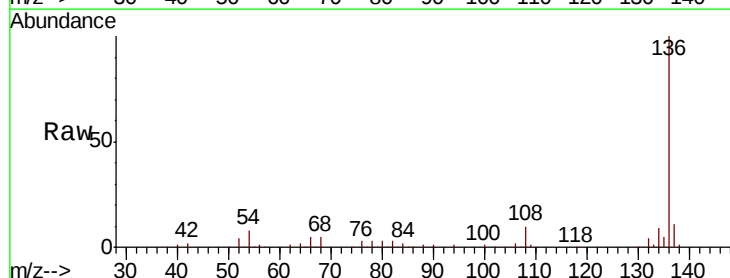
Instrument :
BNA_F
ClientSampleId :
PL-01-112018-C

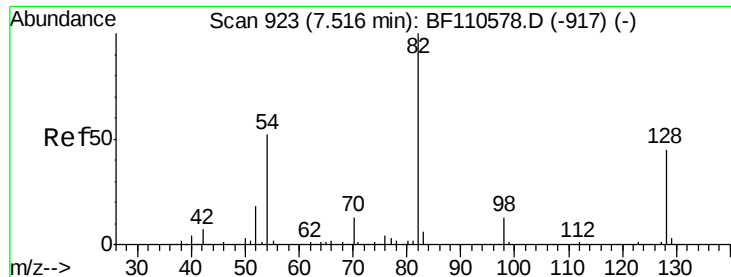
Tgt Ion: 70 Resp: 33579
Ion Ratio Lower Upper
70 100
42 47.4 47.4 71.2
101 0.0 7.3 10.9#
130 1.8 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110934.D
Acq: 21 Nov 2018 17:56

Tgt Ion: 136 Resp: 227676
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.6 5.4 8.2
68 4.8 4.2 6.2

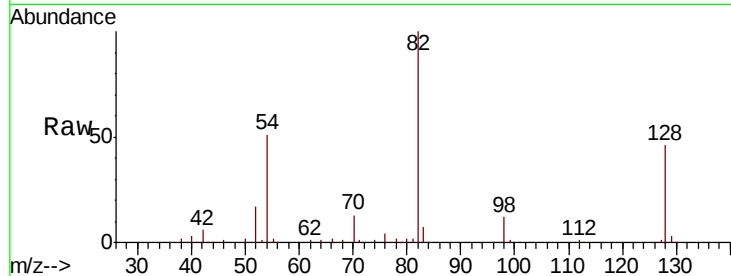




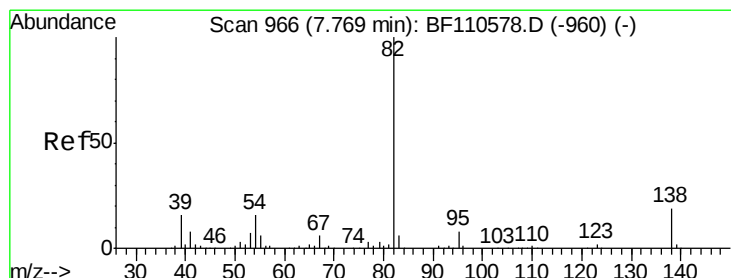
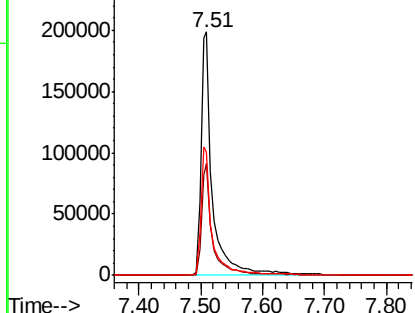
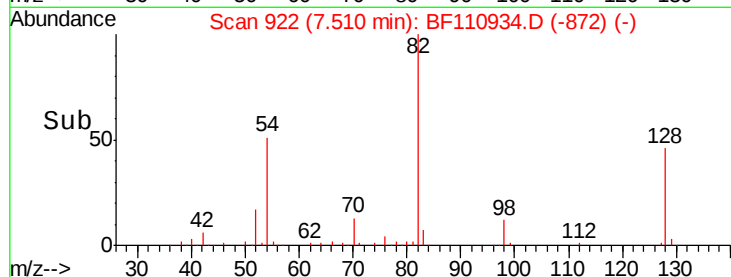
#23
Nitrobenzene-d5
Concen: 66.503 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110934.D
Acq: 21 Nov 2018 17:56

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-C

Tgt Ion: 82 Resp: 262914
Ion Ratio Lower Upper
82 100
128 46.1 34.2 51.2
54 50.8 38.6 58.0

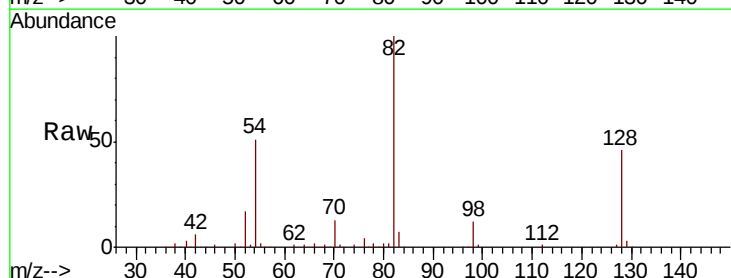


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

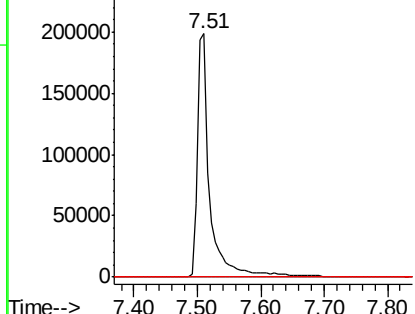
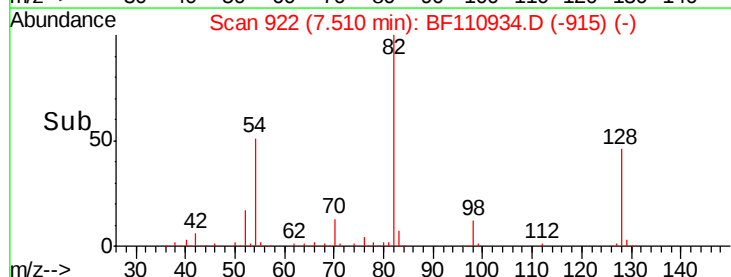


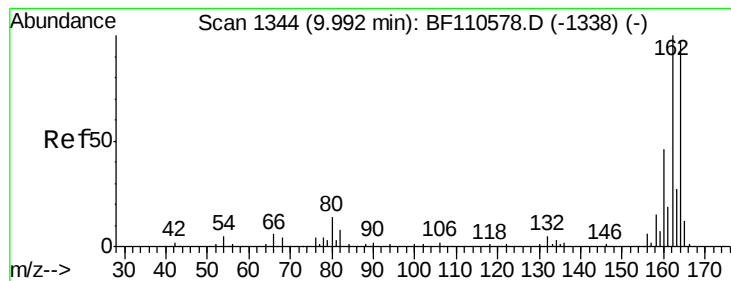
#25
Isophorone
Concen: 40.575 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110934.D
Acq: 21 Nov 2018 17:56

Tgt Ion: 82 Resp: 262913
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: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110934.D

Acq: 21 Nov 2018 17:56

Instrument :

BNA_F

ClientSampleId :

PL-01-112018-C

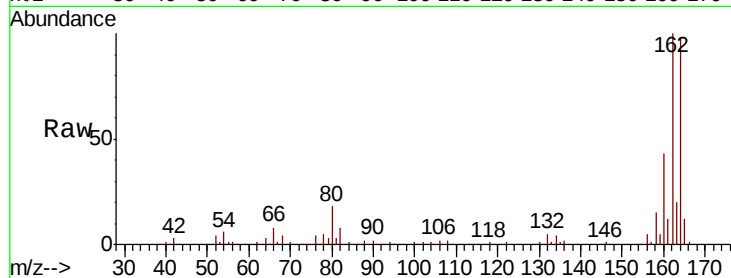
Tgt Ion:164 Resp: 101195

Ion Ratio Lower Upper

164 100

162 102.4 83.0 124.6

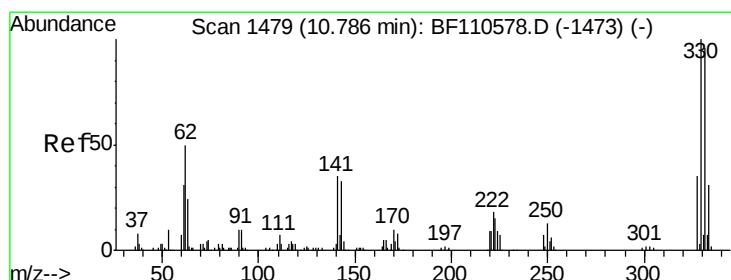
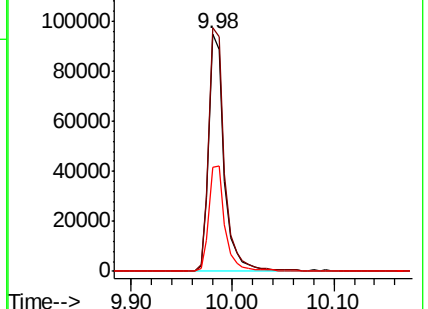
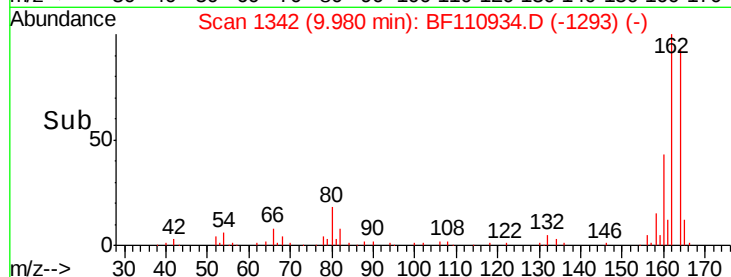
160 43.8 37.0 55.6



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: 74.435 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110934.D

Acq: 21 Nov 2018 17:56

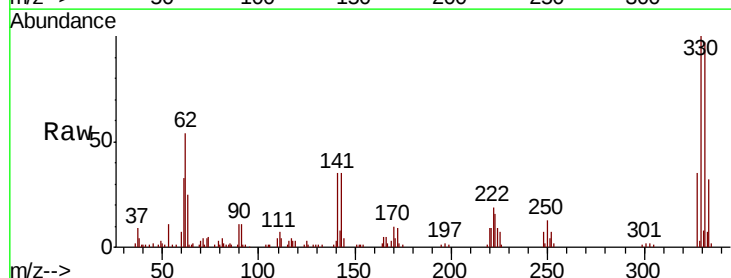
Tgt Ion:330 Resp: 75899

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

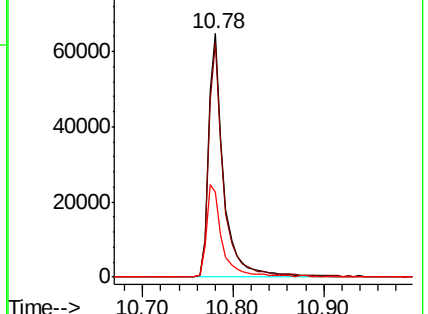
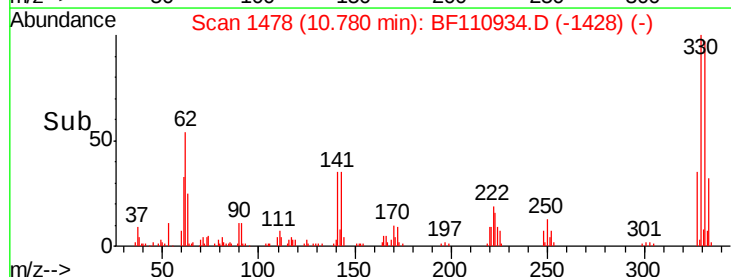
141 39.2 27.0 40.4

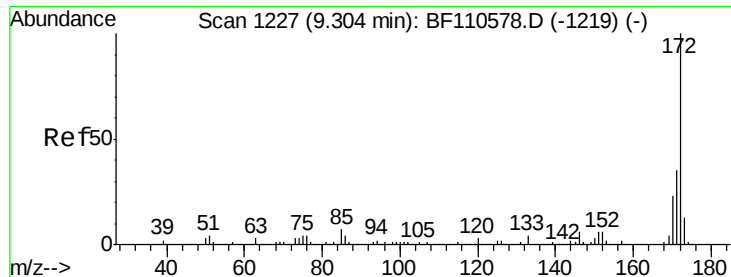


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

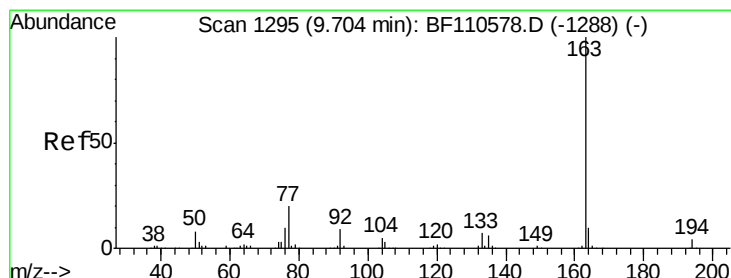
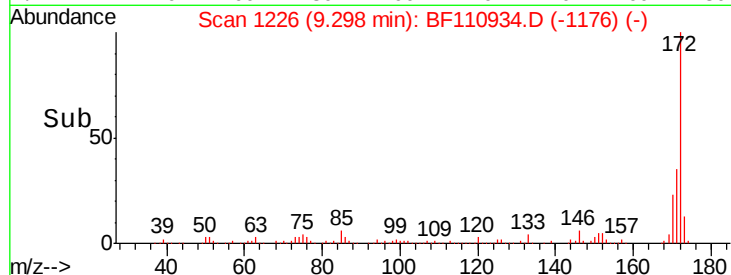
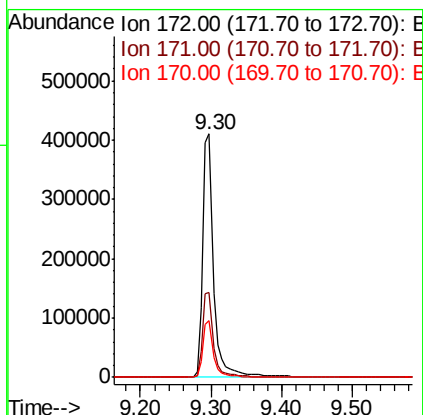
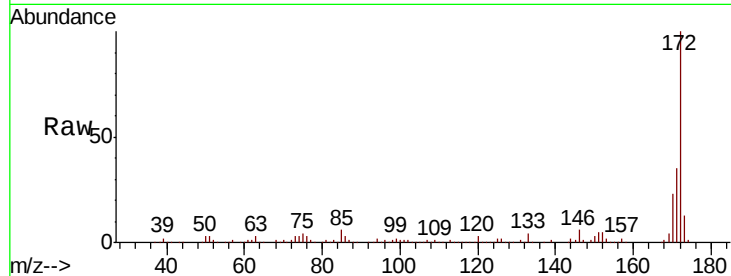




#45
 2-Fluorobiphenyl
 Concen: 63.130 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110934.D
 Acq: 21 Nov 2018 17:56

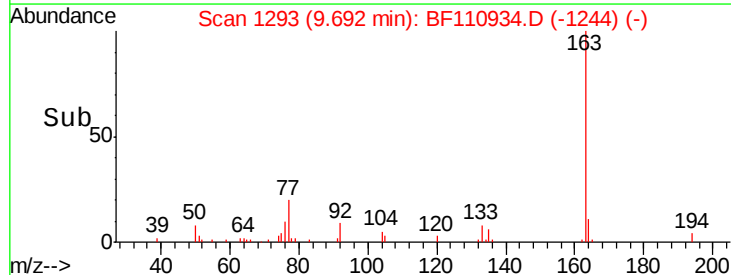
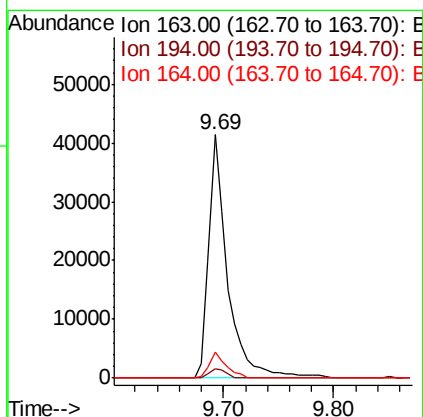
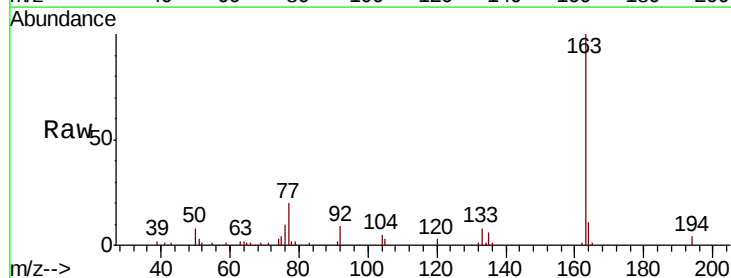
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-112018-C

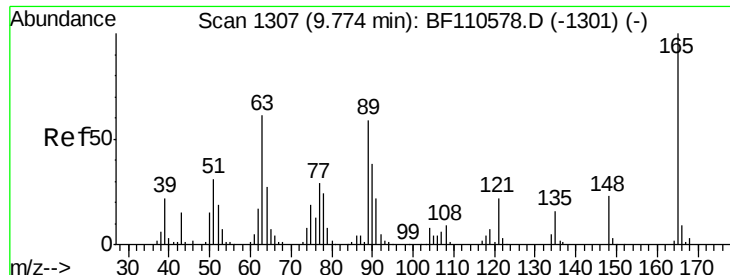
Tgt Ion:172 Resp: 447314
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 43.0
 170 23.4 19.7 29.5



#50
 Dimethylphthalate
 Concen: 6.354 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110934.D
 Acq: 21 Nov 2018 17:56

Tgt Ion:163 Resp: 47980
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.2 4.8
 164 10.8 8.1 12.1

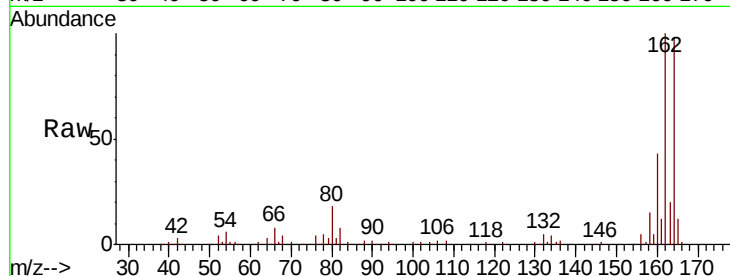




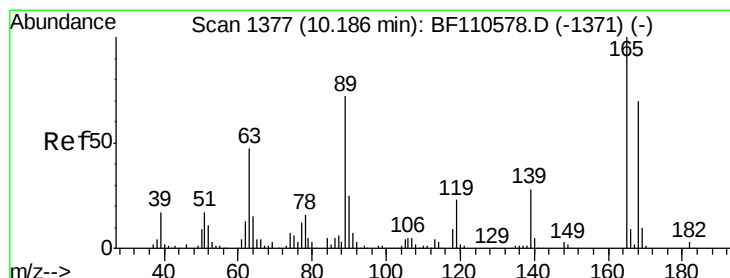
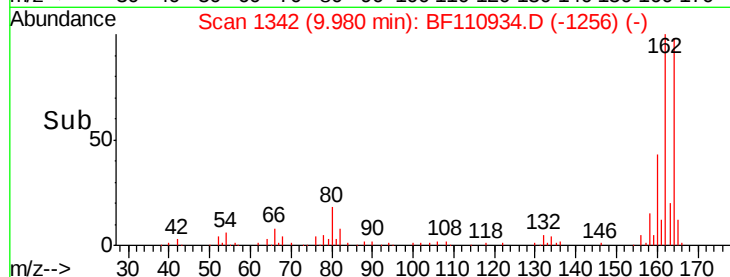
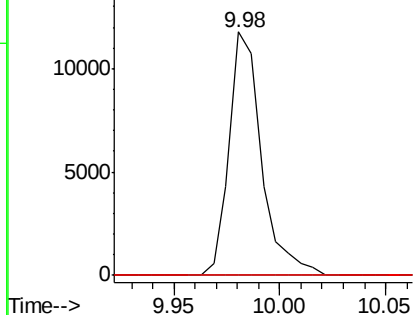
#51
 2,6-Dinitrotoluene
 Concen: 7.516 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110934.D
 Acq: 21 Nov 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-112018-C

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



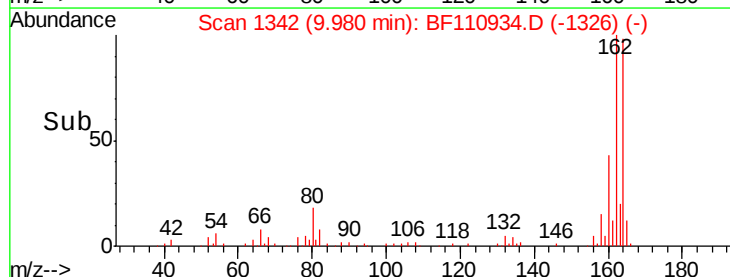
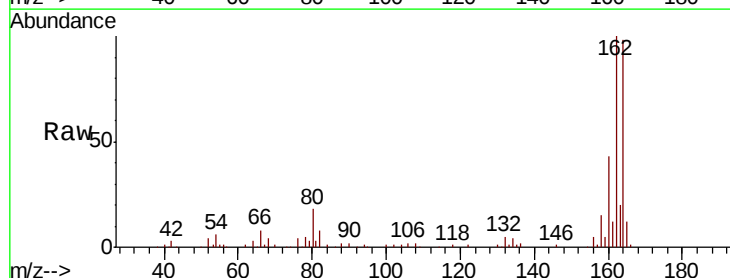
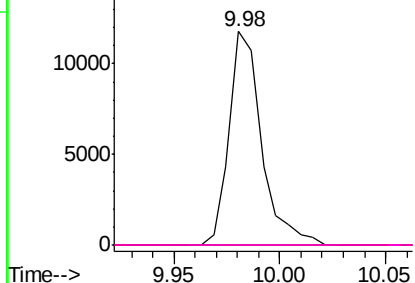
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

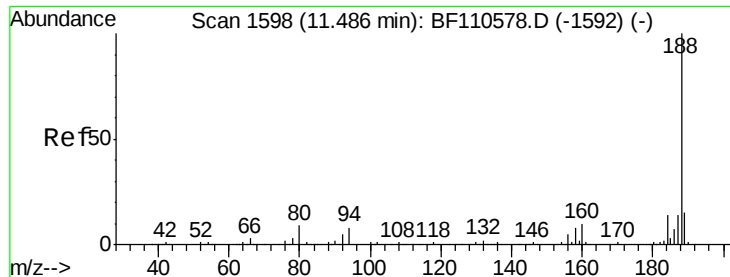


#57
 2,4-Dinitrotoluene
 Concen: 5.781 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110934.D
 Acq: 21 Nov 2018 17:56

Tgt 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: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110934.D

Acq: 21 Nov 2018 17:56

Instrument :

BNA_F

ClientSampleId :

PL-01-112018-C

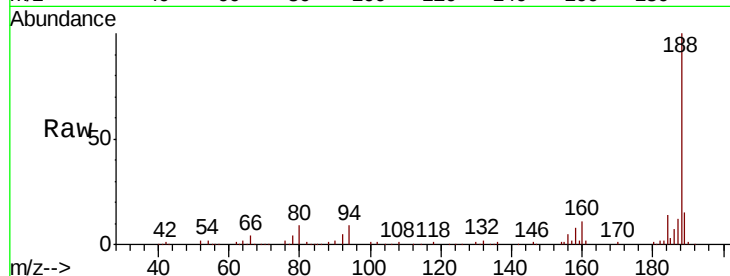
Tgt Ion:188 Resp: 157934

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

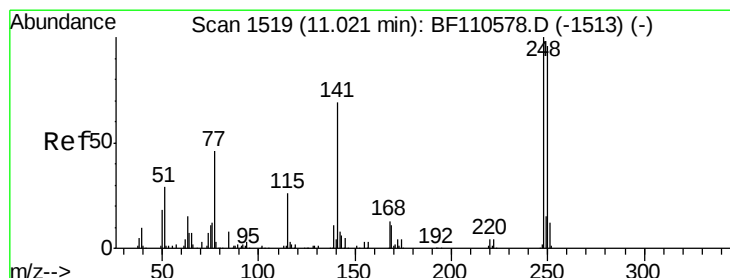
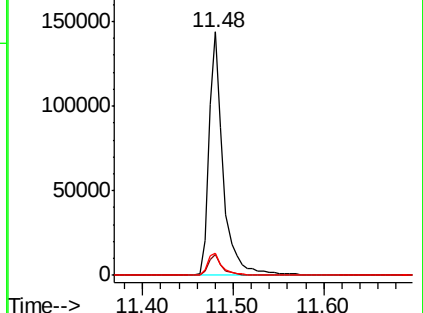
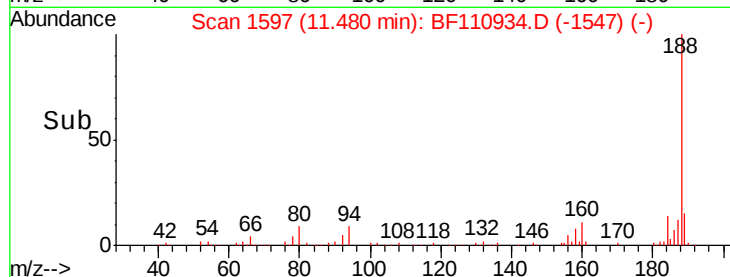
80 9.1 7.9 11.9



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: 2.815 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.24 min

Lab File: BF110934.D

Acq: 21 Nov 2018 17:56

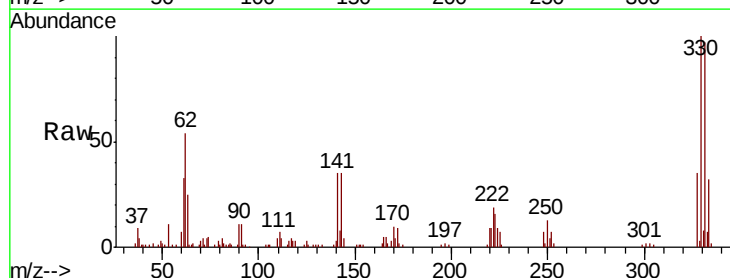
Tgt Ion:248 Resp: 4913

Ion Ratio Lower Upper

248 100

250 193.5 79.4 119.2#

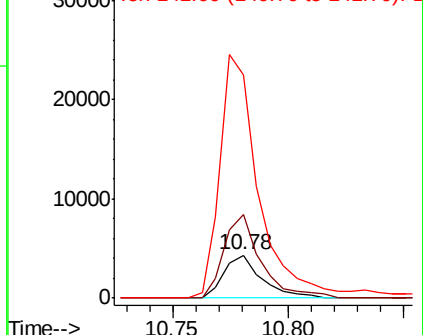
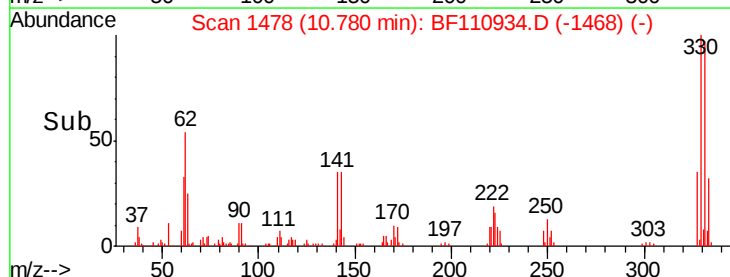
141 515.1 55.9 83.9#

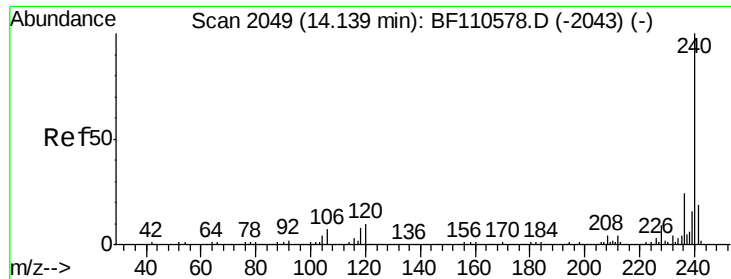


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

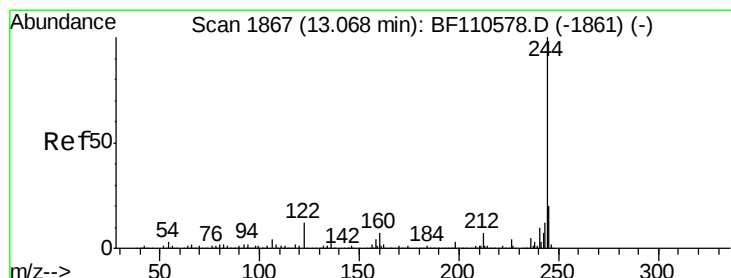
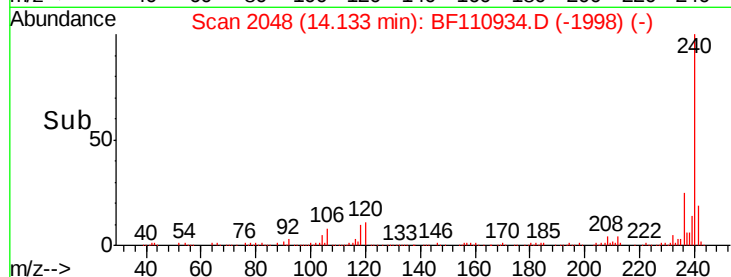
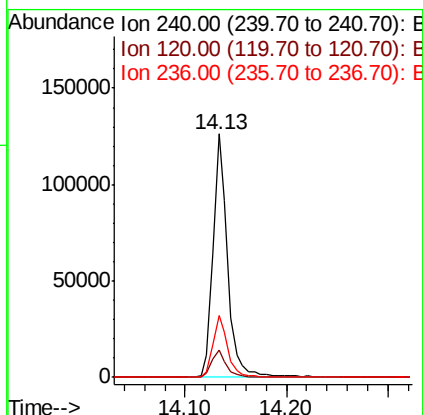
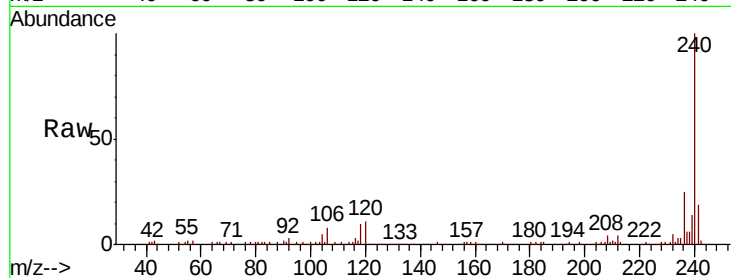




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110934.D
Acq: 21 Nov 2018 17:56

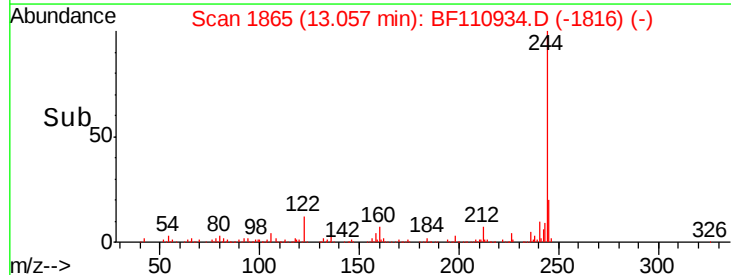
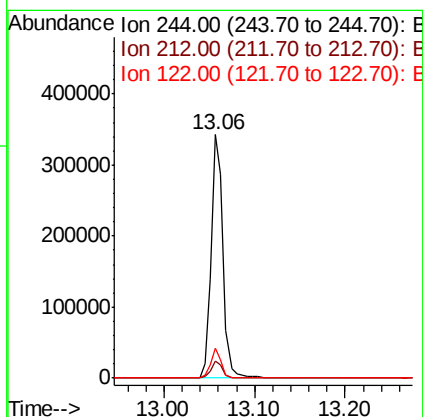
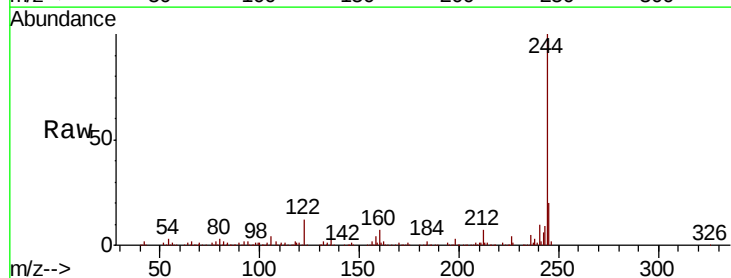
Instrument :
BNA_F
ClientSampleId :
PL-01-112018-C

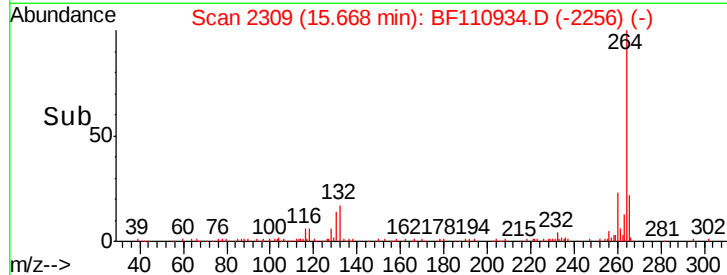
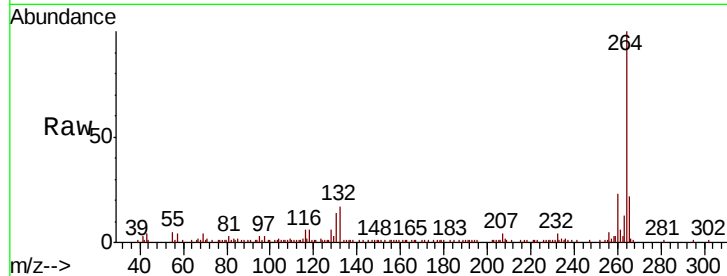
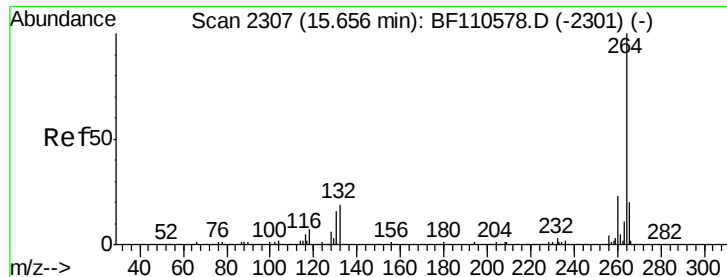
Tgt Ion:240 Resp: 126472
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 25.4 21.2 31.8



#79
Terphenyl-d14
Concen: 46.798 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110934.D
Acq: 21 Nov 2018 17:56

Tgt Ion:244 Resp: 316036
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 12.4 8.7 13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110934.D
Acq: 21 Nov 2018 17:56

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-C

Tgt Ion:	264	Resp:	90392
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.7	16.7	25.1

