

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110964.D
 Acq On : 26 Nov 2018 15:26
 Operator : JU/SJ
 Sample : PB115043BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 15:55:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

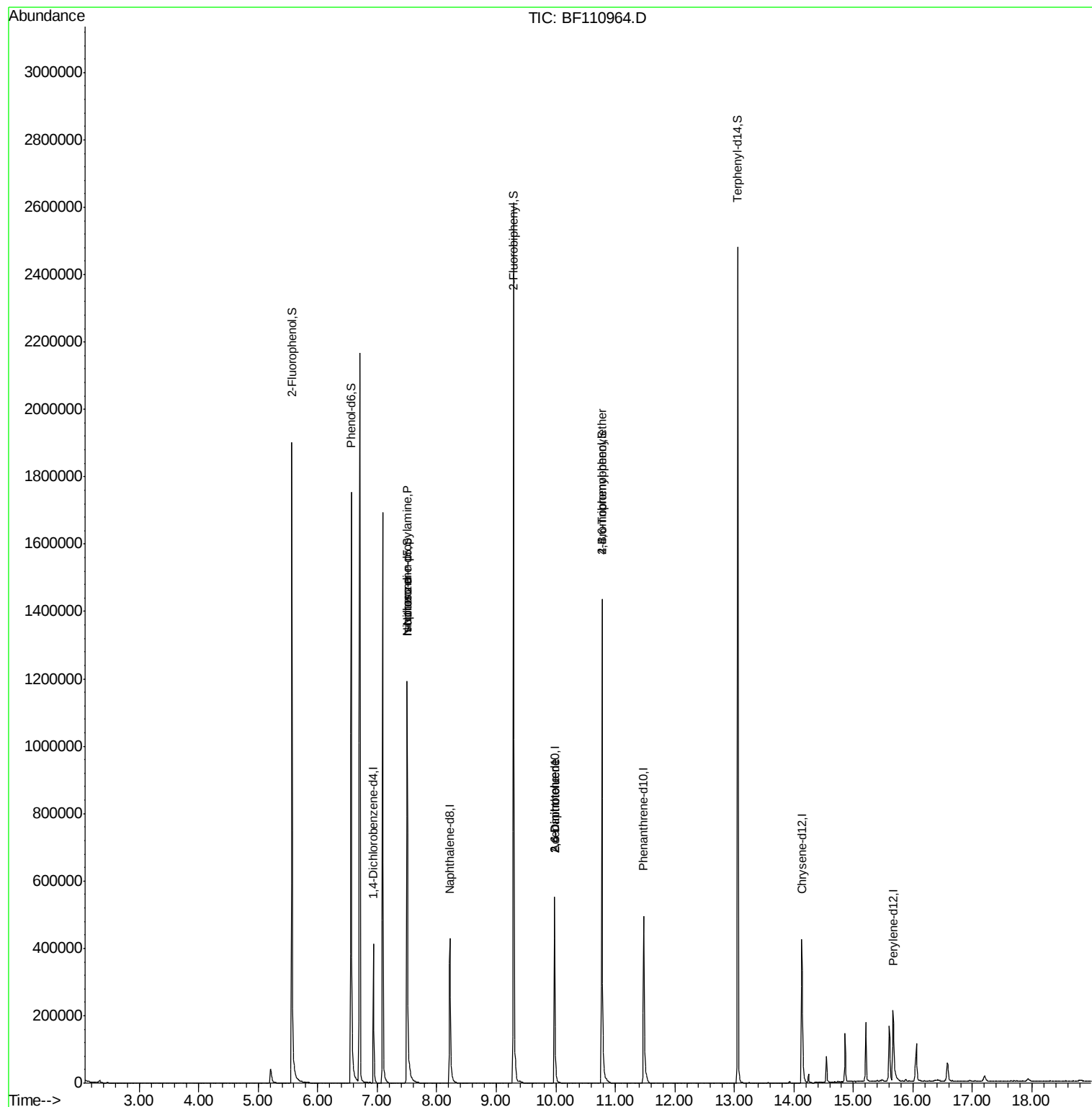
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	69666	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	288420	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	141037	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	285713	20.00	ng	0.00
76) Chrysene-d12	14.13	240	224341	20.00	ng	0.00
87) Perylene-d12	15.67	264	155054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	568451	135.31	ng	0.02
7) Phenol-d6	6.57	99	716892	130.95	ng	0.00
23) Nitrobenzene-d5	7.50	82	462697	91.81	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	193743	138.32	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	880687	90.47	ng	0.00
79) Terphenyl-d14	13.06	244	967975	83.99	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	816	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	61216	17.166	ng	# 1
25) Isophorone	7.50	82	462695	55.971	ng	# 81
51) 2,6-Dinitrotoluene	9.98	165	17717	7.694	ng	# 67
57) 2,4-Dinitrotoluene	9.98	165	17717	5.930	ng	# 21
67) 4-Bromophenyl-phenylether	10.77	248	11865	3.813	ng	# 17

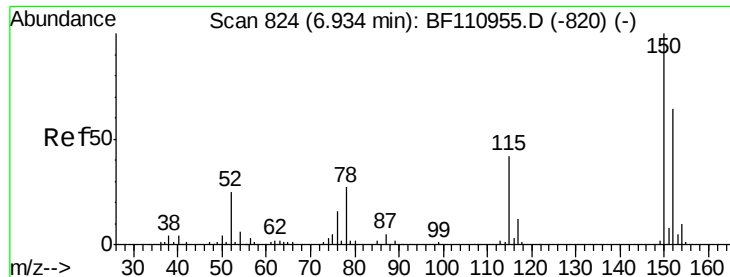
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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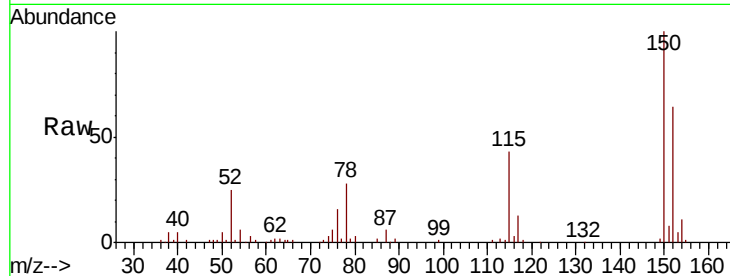


#1

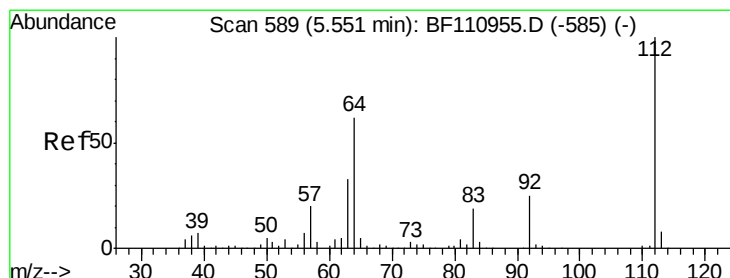
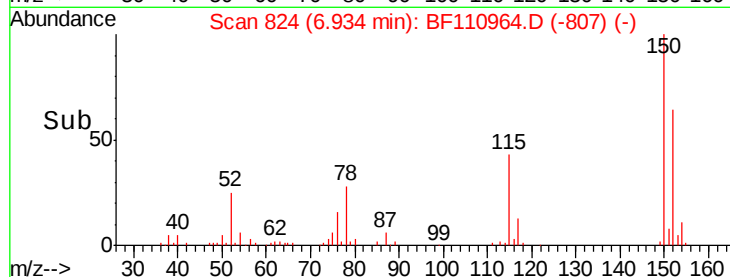
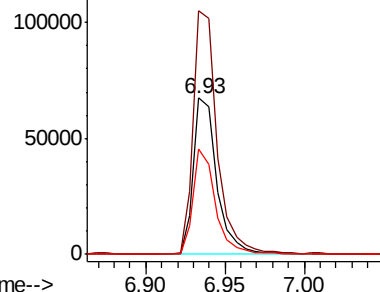
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF110964.D
Acq: 26 Nov 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 69666
Ion Ratio Lower Upper
152 100
150 156.0 122.7 184.1
115 67.3 49.1 73.7



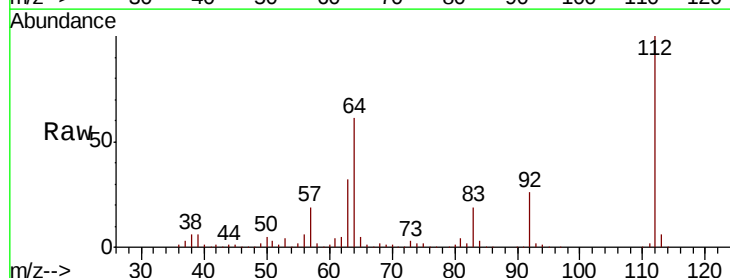
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



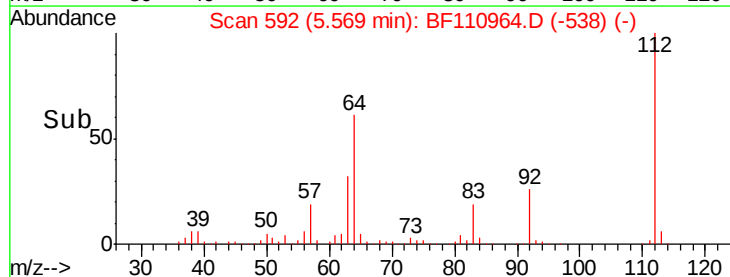
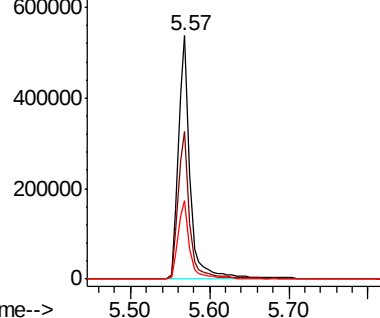
#5

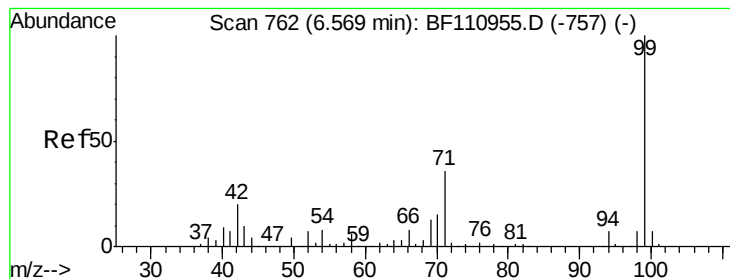
2-Fluorophenol
Concen: 135.313 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.02 min
Lab File: BF110964.D
Acq: 26 Nov 2018 15:26

Tgt Ion:112 Resp: 568451
Ion Ratio Lower Upper
112 100
64 60.7 44.1 66.1
63 32.3 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: 130.948 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF110964.D

Acq: 26 Nov 2018 15:26

Instrument :

BNA_F

ClientSampleId :

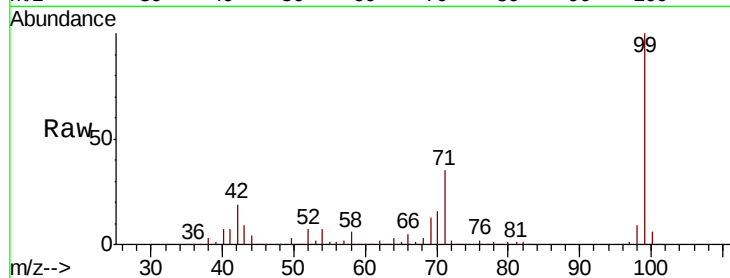
Tot Ion: 99 Resp: 716892

Ion Ratio Lower Upper

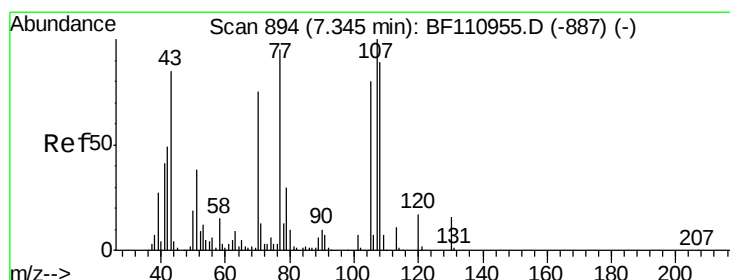
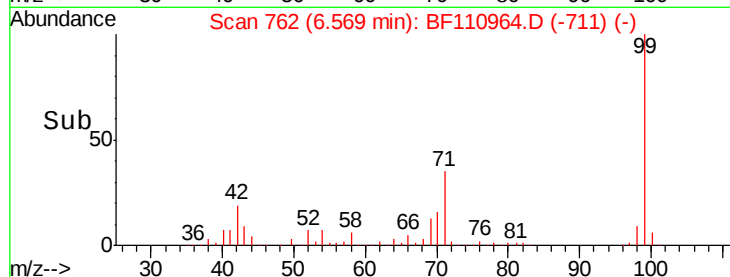
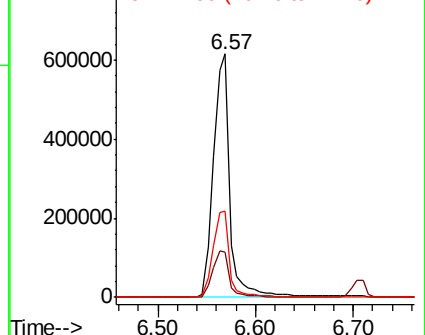
99 100

42 18.7 15.8 23.6

71 35.4 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: 17.166 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.16 min

Lab File: BF110964.D

Acq: 26 Nov 2018 15:26

Tgt Ion: 70 Resp: 61216

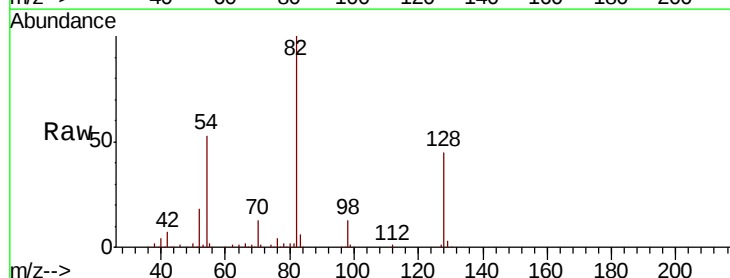
Ion Ratio Lower Upper

70 100

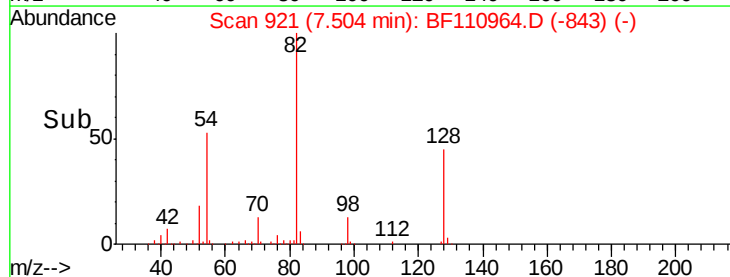
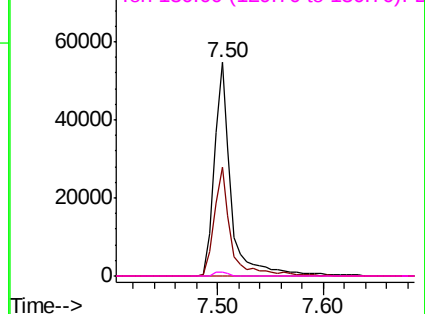
42 50.8 47.4 71.2

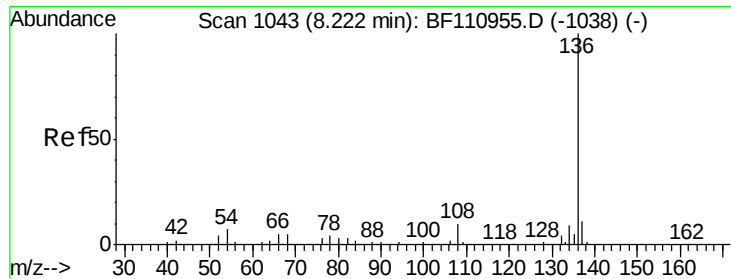
101 0.0 7.3 10.9#

130 1.9 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: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF110964.D

Acq: 26 Nov 2018 15:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 288420

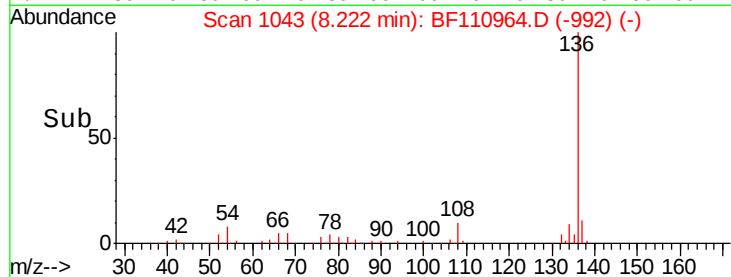
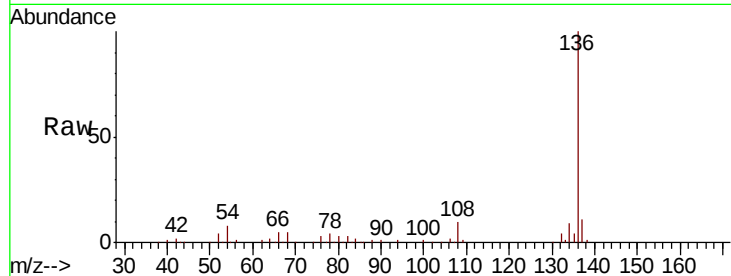
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.5 5.4 8.2

68 5.1 4.2 6.2

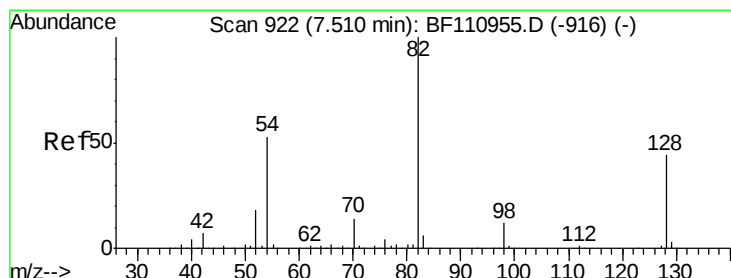
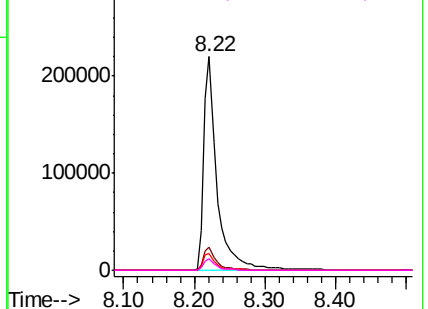


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.812 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF110964.D

Acq: 26 Nov 2018 15:26

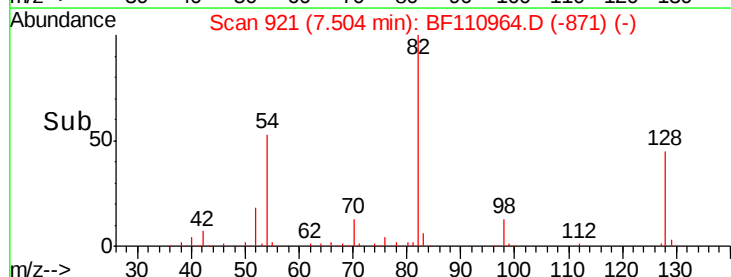
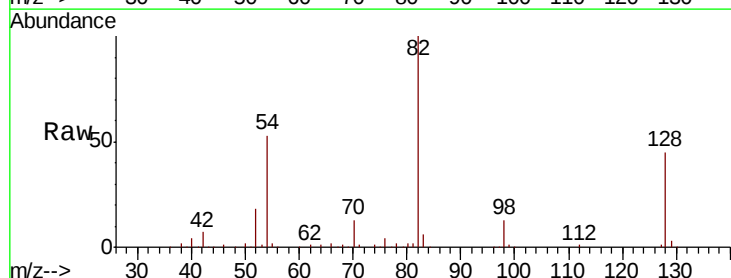
Tgt Ion: 82 Resp: 462697

Ion Ratio Lower Upper

82 100

128 44.6 34.2 51.2

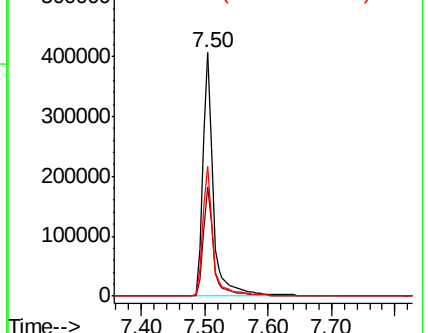
54 53.1 38.6 58.0

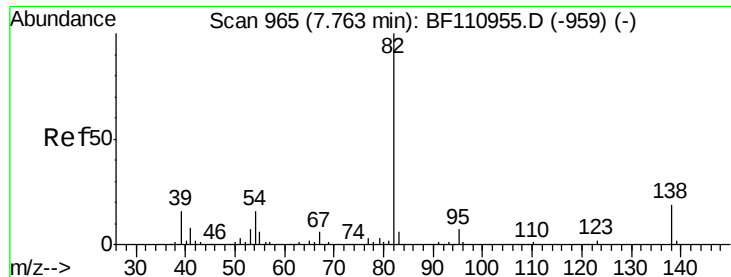


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

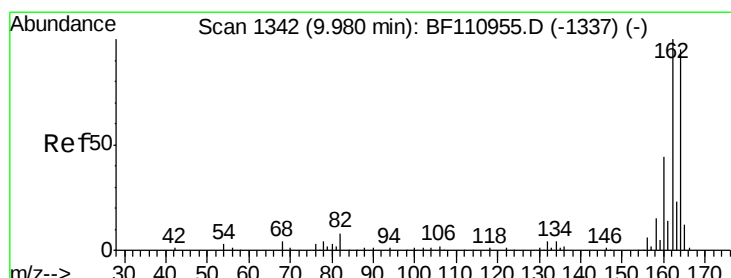
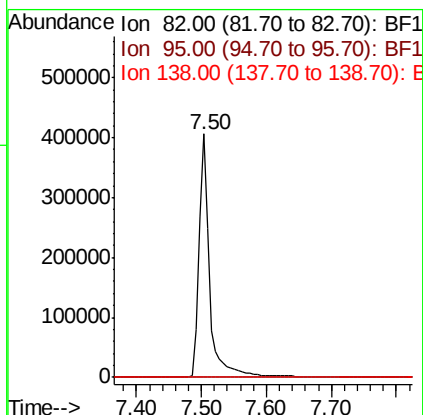
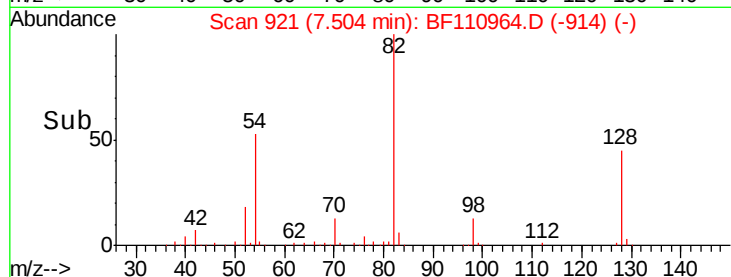
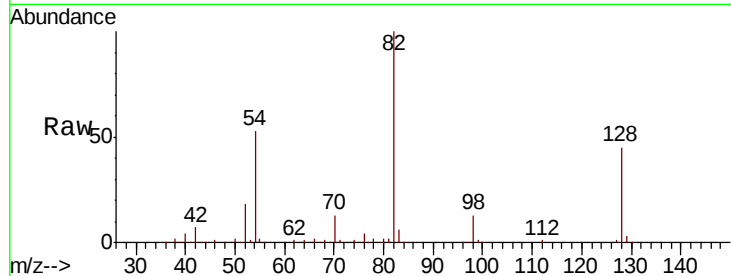




#25
Isophorone
Concen: 55.971 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110964.D
Acq: 26 Nov 2018 15:26

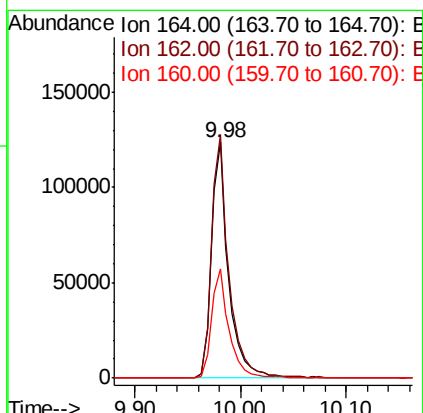
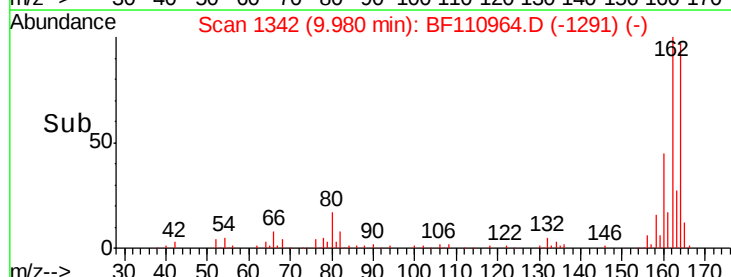
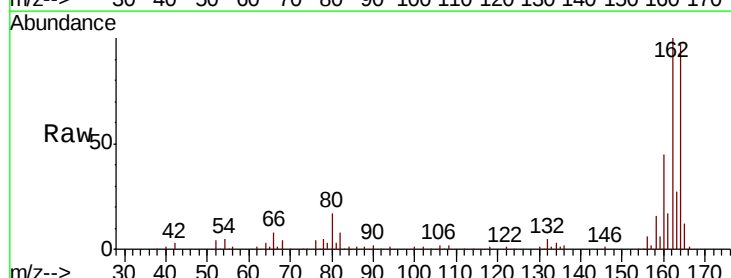
Instrument :
BNA_F
ClientSampleId :

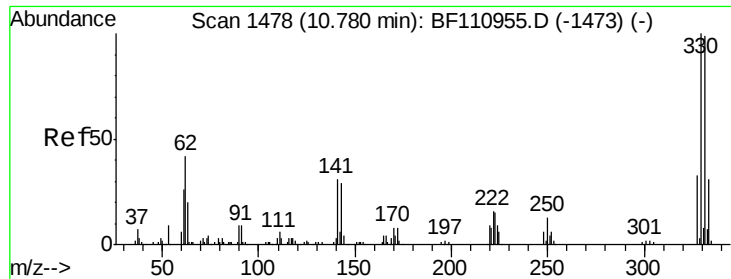
Tot Ion: 82 Resp: 462695
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110964.D
Acq: 26 Nov 2018 15:26

Tgt Ion:164 Resp: 141037
Ion Ratio Lower Upper
164 100
162 103.3 83.0 124.6
160 46.2 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 138.320 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF110964.D

Acq: 26 Nov 2018 15:26

Instrument :

BNA_F

ClientSampleId :

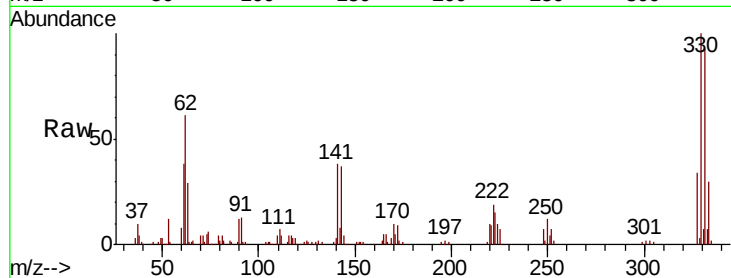
Tot Ion:330 Resp: 193743

Ion Ratio Lower Upper

330 100

332 93.8 77.1 115.7

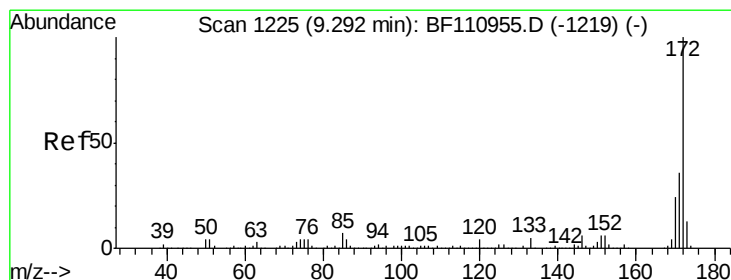
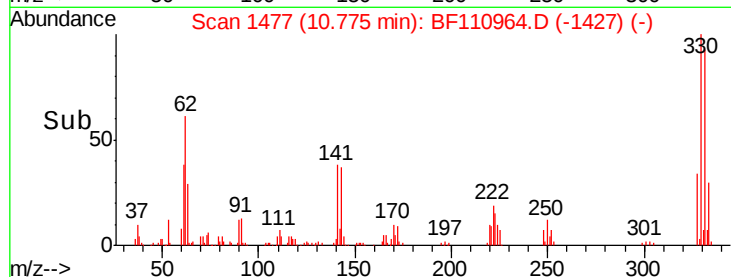
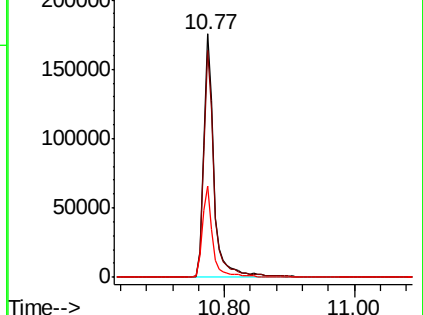
141 37.4 27.0 40.4



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: 90.467 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF110964.D

Acq: 26 Nov 2018 15:26

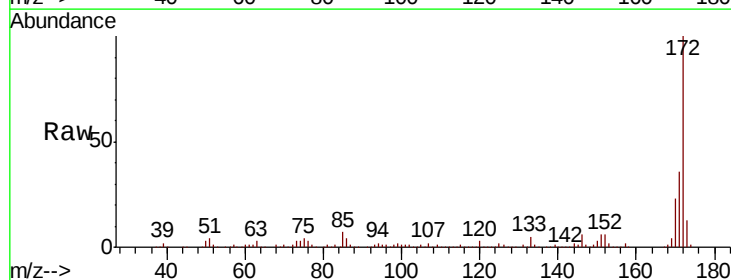
Tgt Ion:172 Resp: 880687

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

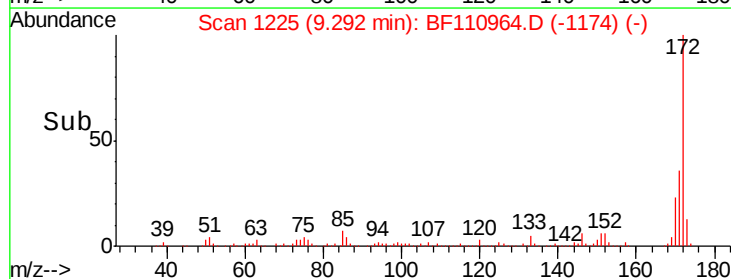
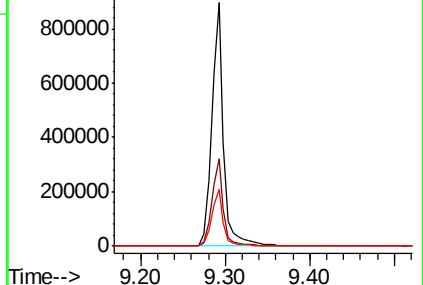
170 23.4 19.7 29.5

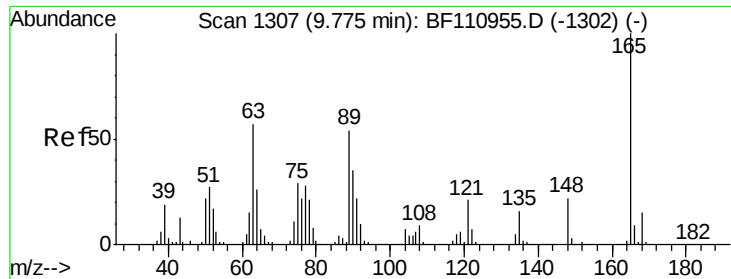


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

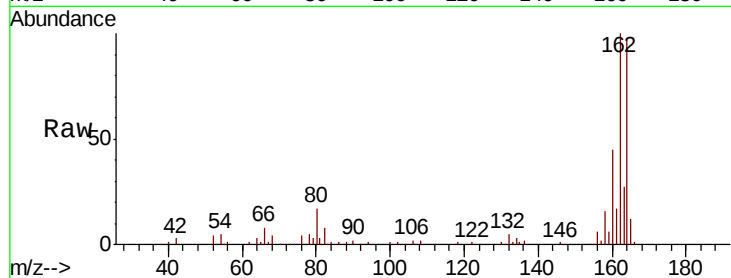




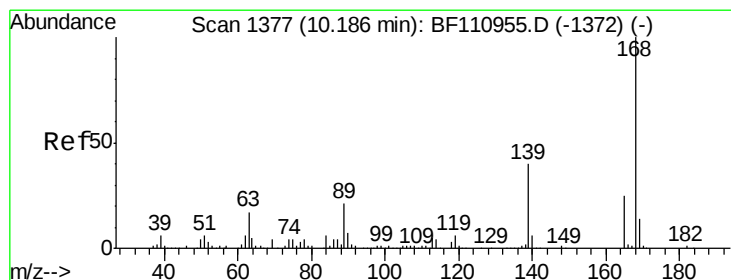
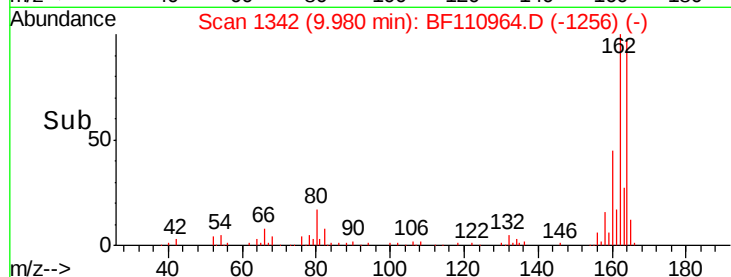
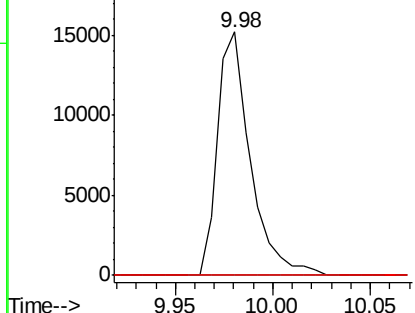
#51
 2,6-Dinitrotoluene
 Concen: 7.694 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110964.D
 Acq: 26 Nov 2018 15:26

Instrument :
 BNA_F
 ClientSampleId :

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



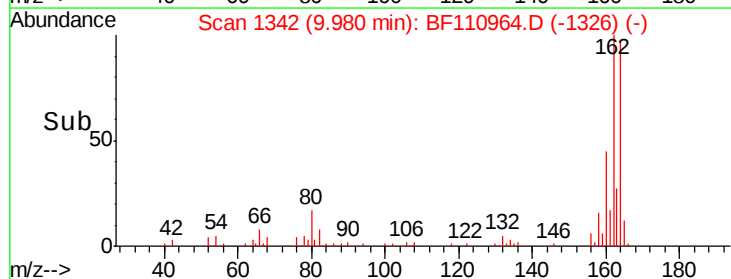
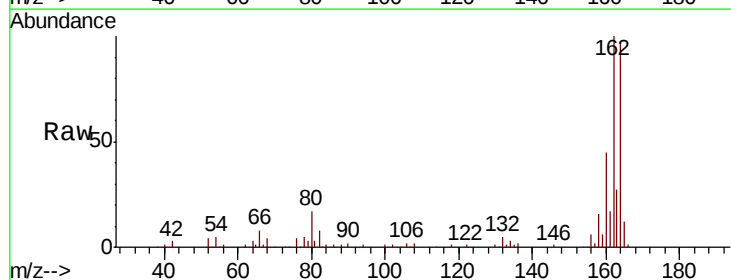
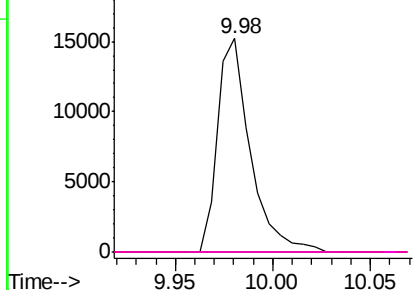
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

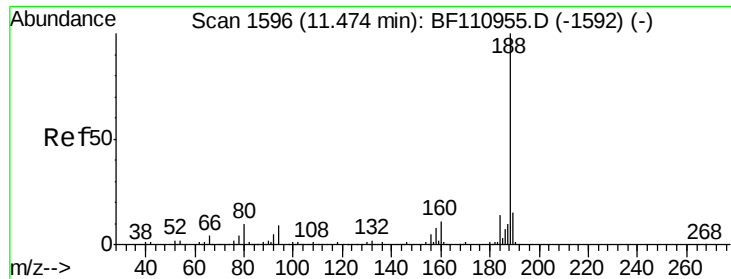


#57
 2,4-Dinitrotoluene
 Concen: 5.930 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110964.D
 Acq: 26 Nov 2018 15:26

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: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF110964.D

Acq: 26 Nov 2018 15:26

Instrument :

BNA_F

ClientSampled :

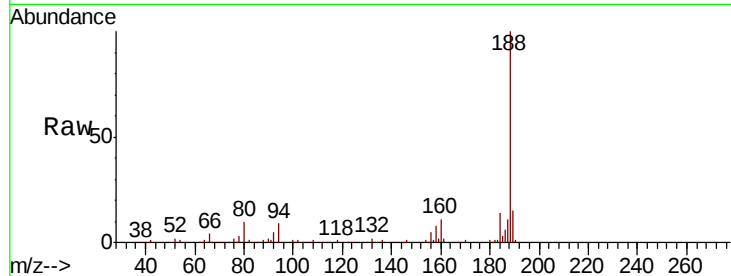
Tot Ion:188 Resp: 285713

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

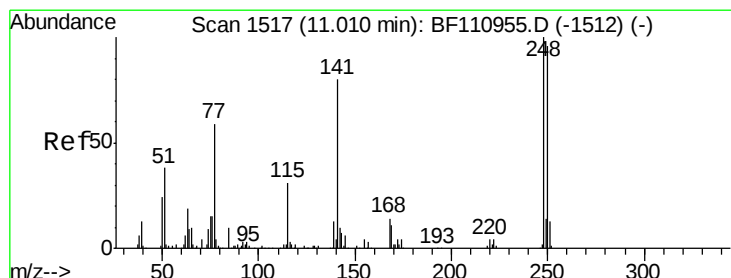
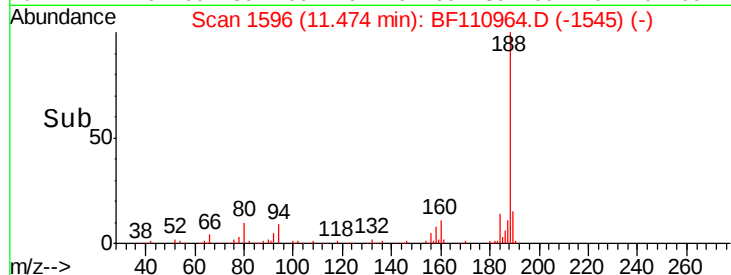
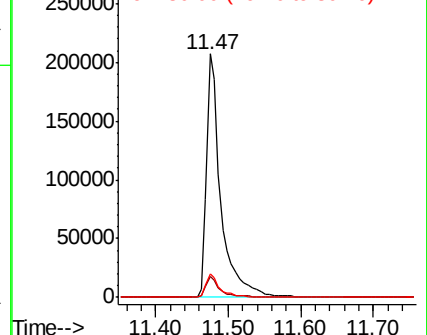
80 9.6 7.9 11.9



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: 3.813 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.24 min

Lab File: BF110964.D

Acq: 26 Nov 2018 15:26

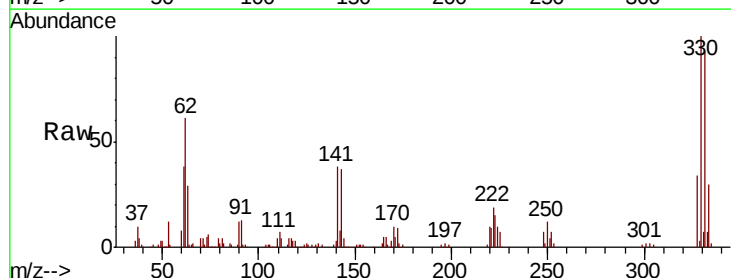
Tgt Ion:248 Resp: 11865

Ion Ratio Lower Upper

248 100

250 185.6 79.4 119.2#

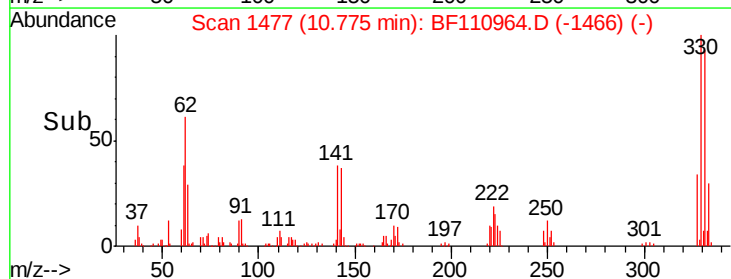
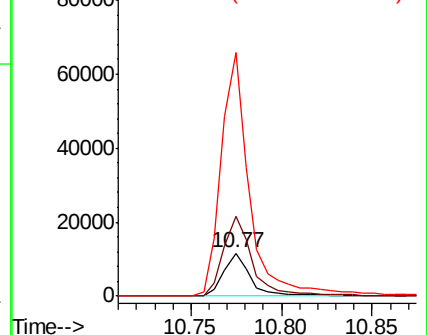
141 564.1 55.9 83.9#

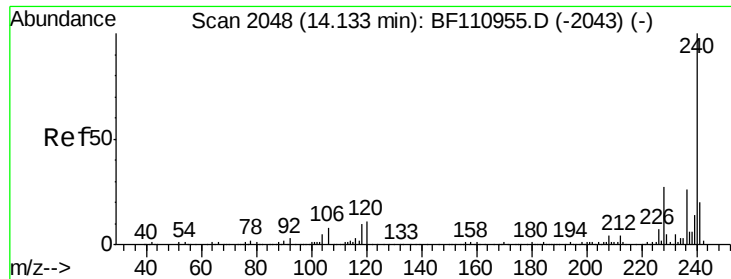


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

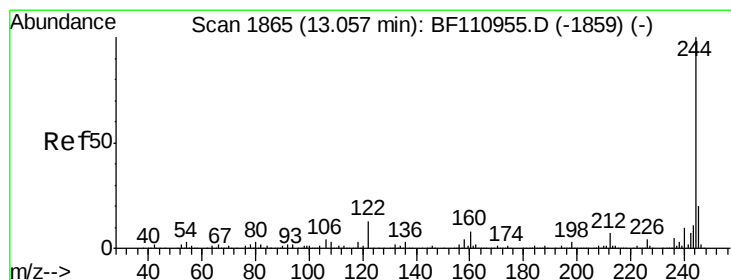
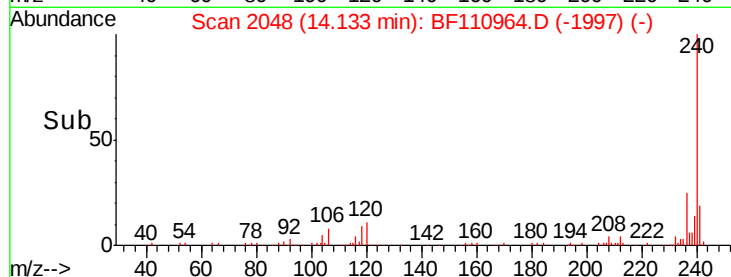
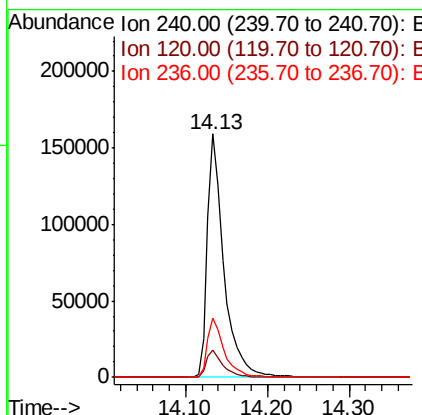
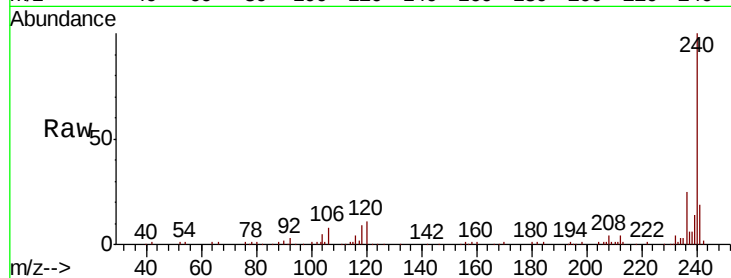




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BF110964.D
 Acq: 26 Nov 2018 15:26

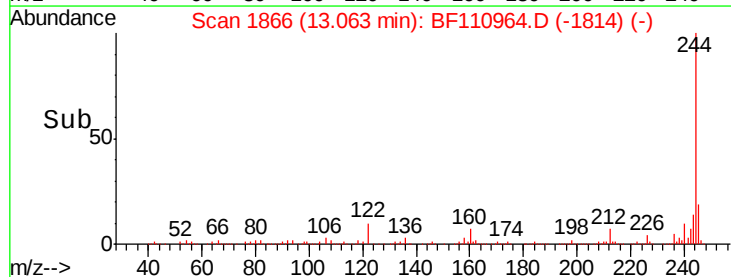
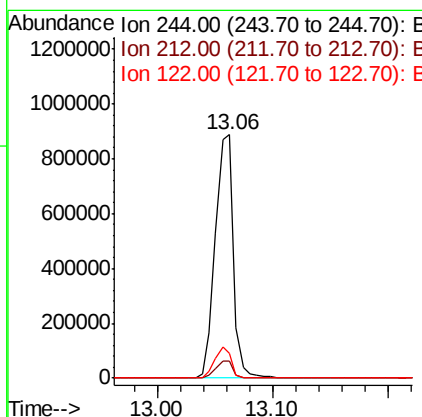
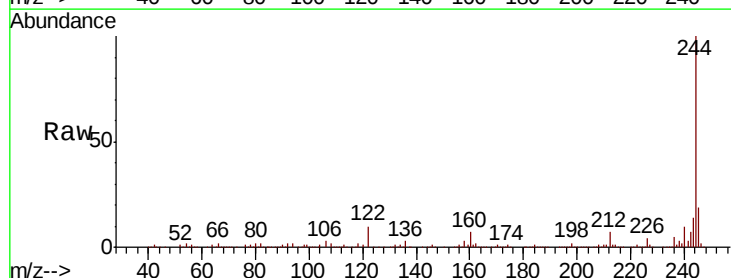
Instrument :
 BNA_F
 ClientSampleId :

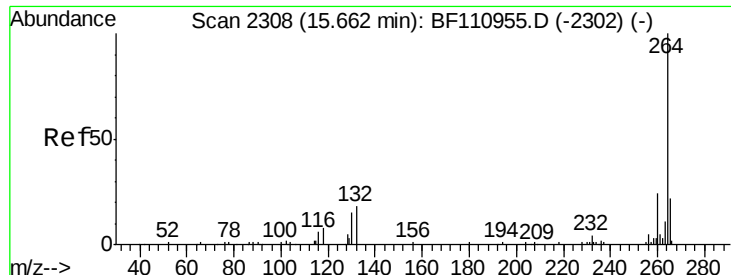
Tot Ion:240 Resp: 224341
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.3 12.5
 236 24.6 21.2 31.8



#79
 Terphenyl-d14
 Concen: 83.993 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. 0.01 min
 Lab File: BF110964.D
 Acq: 26 Nov 2018 15:26

Tgt Ion:244 Resp: 967975
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 10.2 8.7 13.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: BF110964.D
 Acq: 26 Nov 2018 15:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.7	28.1
265	21.1	16.7	25.1

