

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110647.D
 Acq On : 10 Nov 2018 00:20
 Operator : JU/SJ
 Sample : J5884-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:25:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

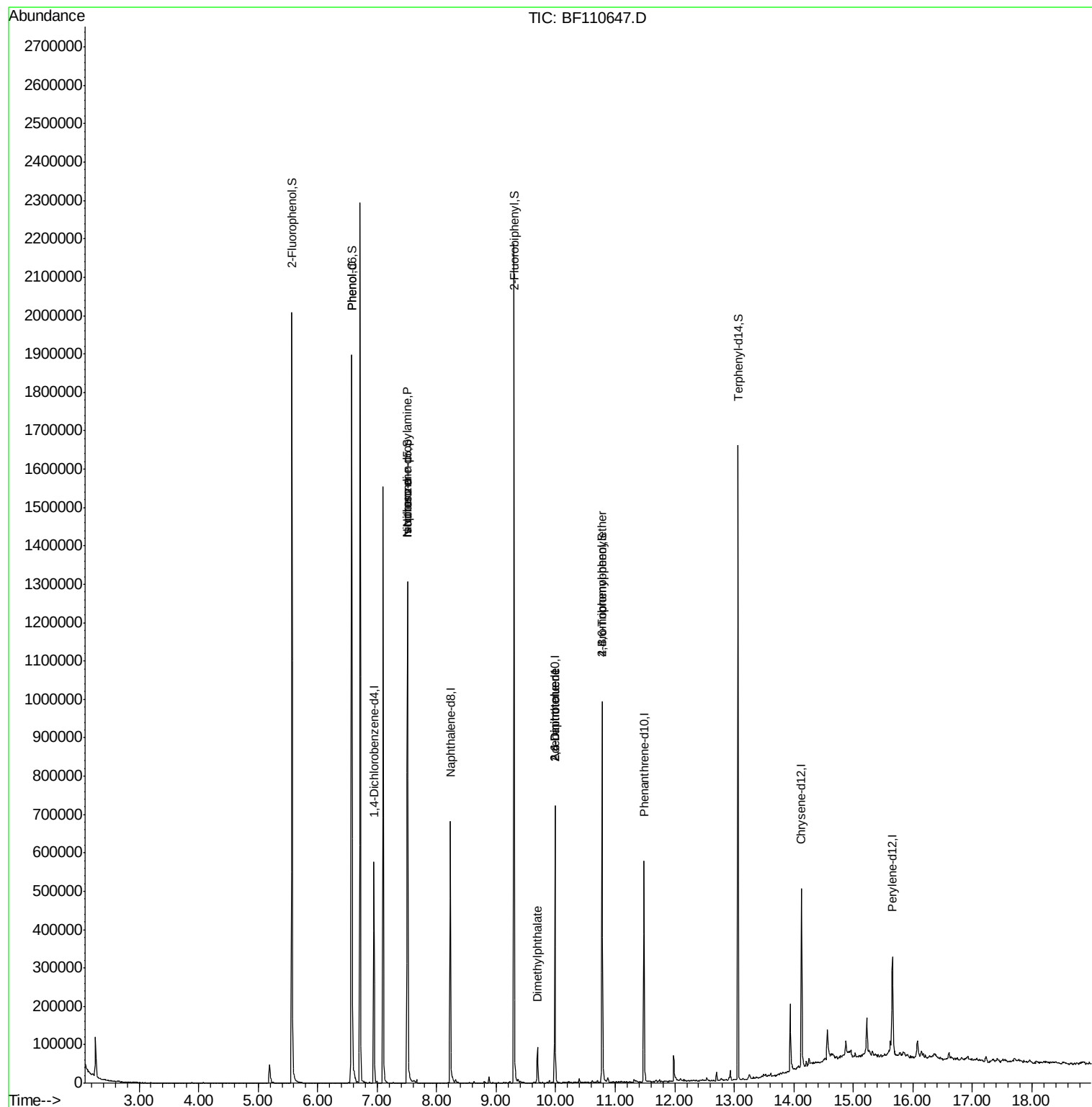
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	82495	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	327196	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	135640	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	209871	20.00	ng	0.00
76) Chrysene-d12	14.13	240	153460	20.00	ng	-0.01
87) Perylene-d12	15.66	264	116513	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	560204	110.30	ng	0.00
7) Phenol-d6	6.57	99	705608	108.65	ng	0.00
23) Nitrobenzene-d5	7.51	82	432067	76.05	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	119363	87.33	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	666242	70.15	ng	0.00
79) Terphenyl-d14	13.06	244	506458	61.81	ng	0.00
Target Compounds						
10) Phenol	6.58	94	44666	5.931	ng	81
19) n-Nitroso-di-n-propylamine	7.51	70	57808	13.944	ng	# 80
25) Isophorone	7.51	82	432064	46.398	ng	# 67
50) Dimethylphthalate	9.69	163	38983	3.852	ng	100
51) 2,6-Dinitrotoluene	9.99	165	17796	7.993	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	17796	6.147	ng	# 19
67) 4-Bromophenyl-phenylether	10.78	248	7547	3.254	ng	# 1

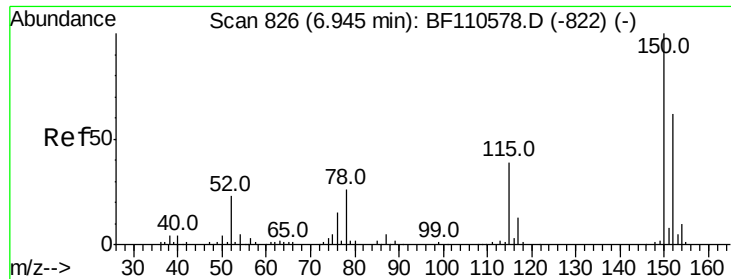
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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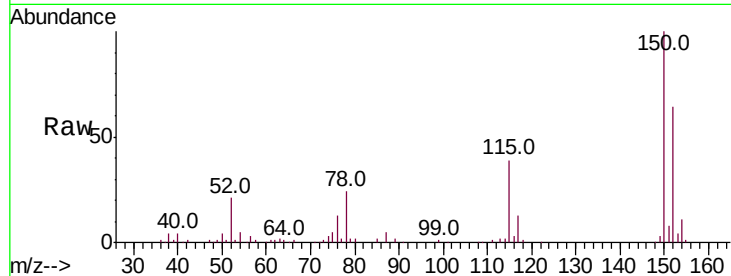


#1

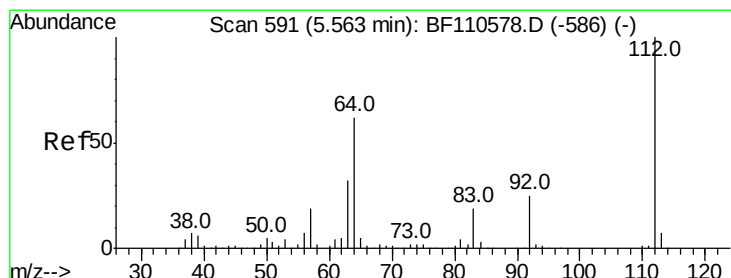
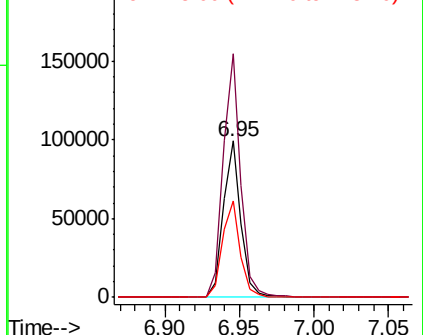
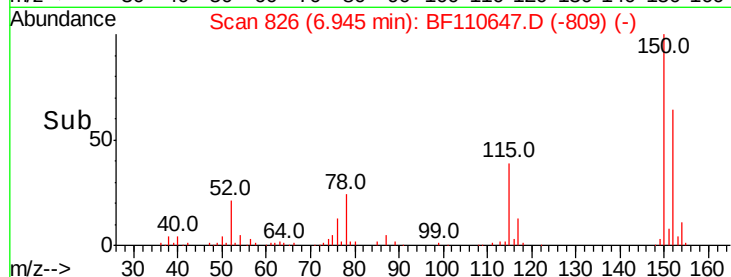
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110647.D
Acq: 10 Nov 2018 00:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82495
Ion Ratio Lower Upper
152 100
150 155.7 122.7 184.1
115 61.5 49.1 73.7



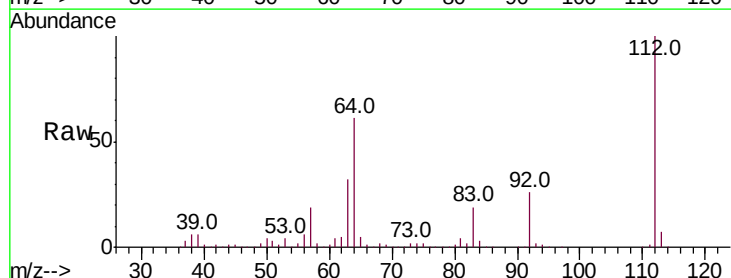
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



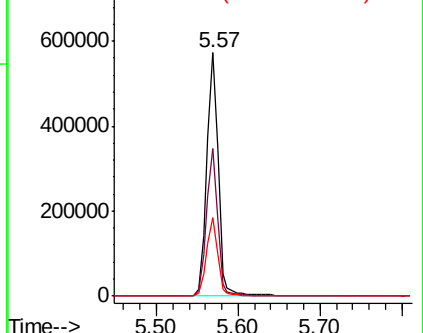
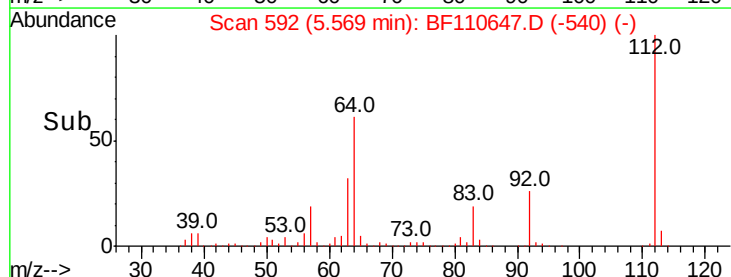
#5

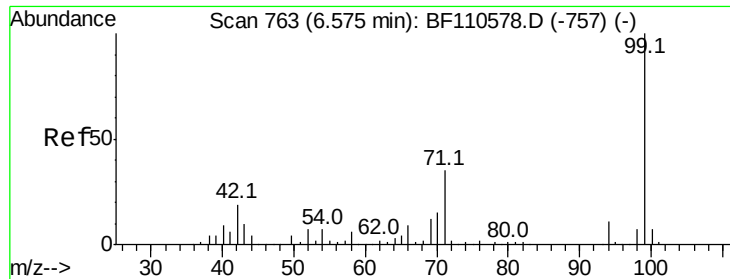
2-Fluorophenol
Concen: 110.303 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110647.D
Acq: 10 Nov 2018 00:20

Tgt Ion:112 Resp: 560204
Ion Ratio Lower Upper
112 100
64 60.6 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: 108.647 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110647.D

Acq: 10 Nov 2018 00:20

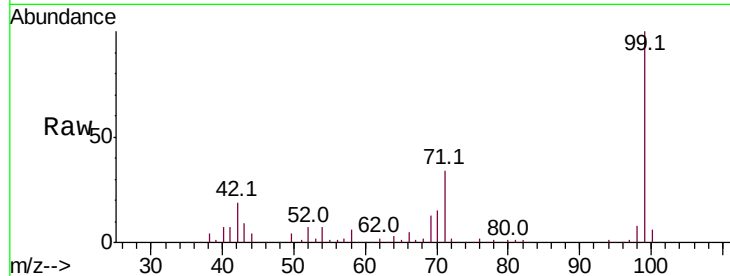
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 705608

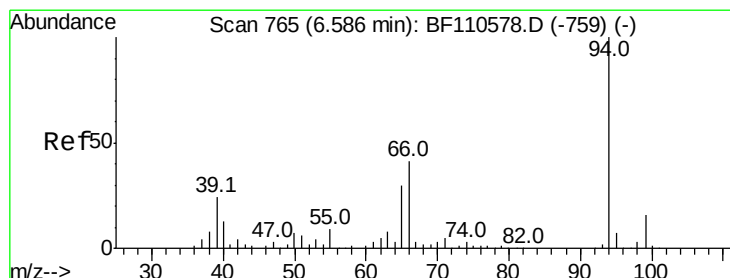
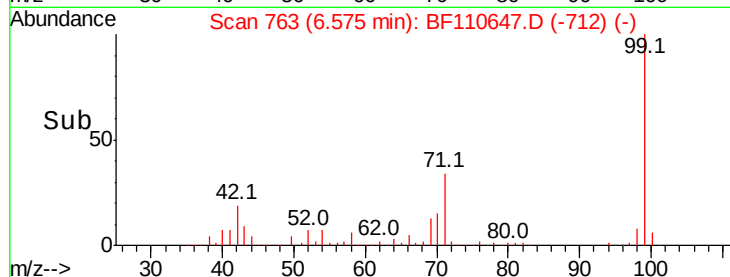
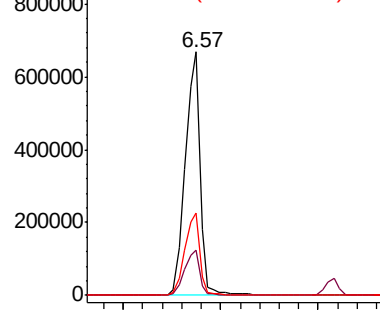
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.8	23.6
71	33.9	28.0	42.0



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: 5.931 ng

RT: 6.58 min Scan# 764

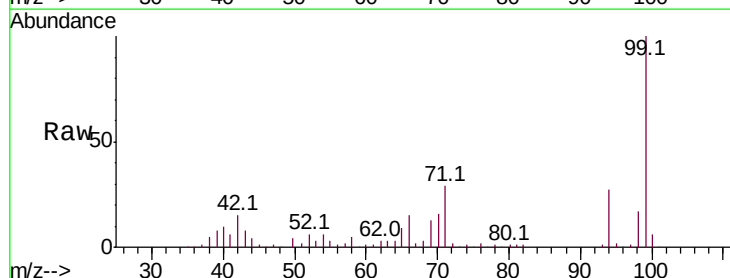
Delta R.T. -0.01 min

Lab File: BF110647.D

Acq: 10 Nov 2018 00:20

Tgt Ion: 94 Resp: 44666

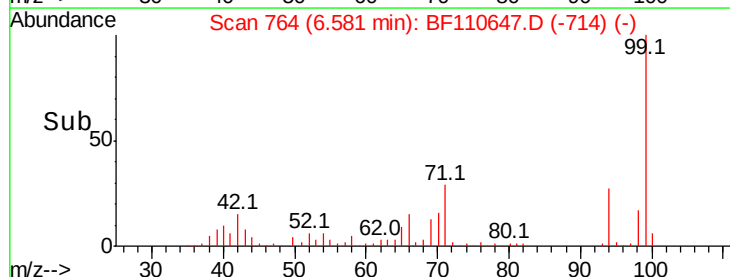
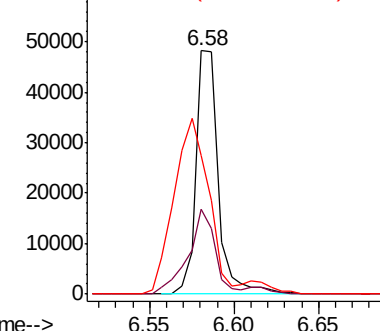
Ion	Ratio	Lower	Upper
94	100		
65	34.8	25.3	65.3
66	56.9	54.5	94.5

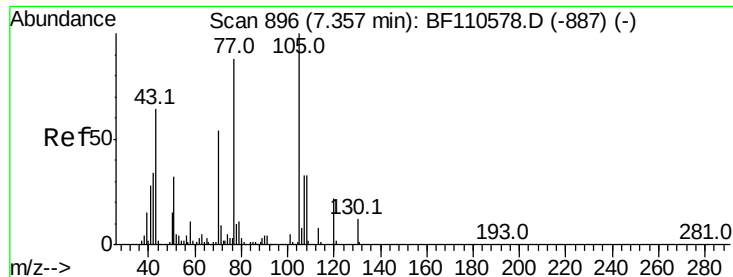


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 13.944 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110647.D

Acq: 10 Nov 2018 00:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 57808

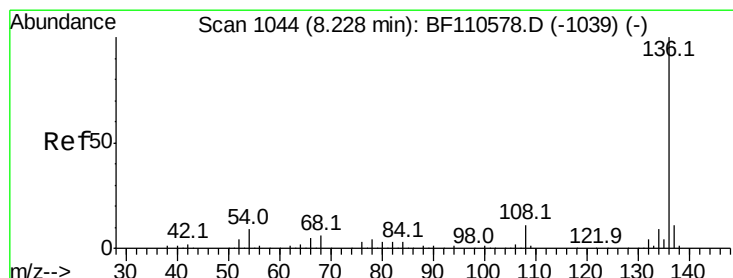
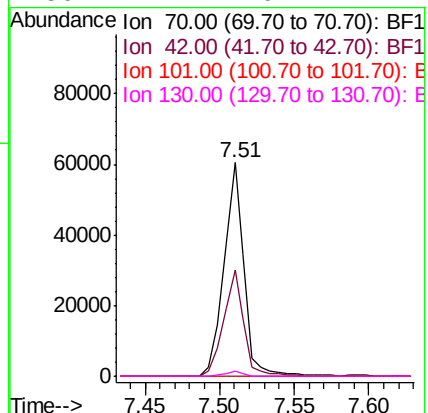
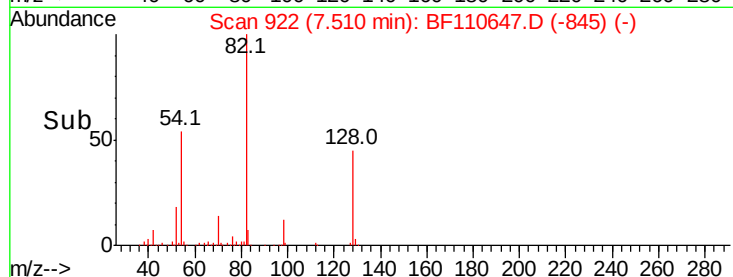
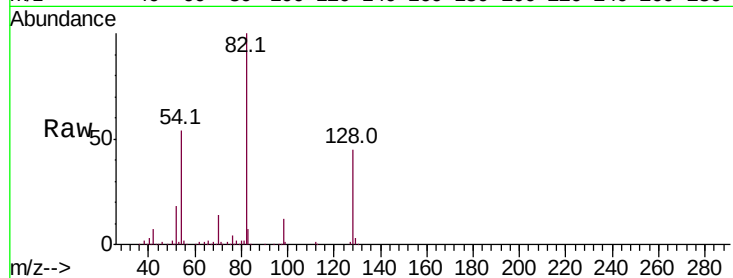
Ion Ratio Lower Upper

70 100

42 49.7 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 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: BF110647.D

Acq: 10 Nov 2018 00:20

Tgt Ion: 136 Resp: 327196

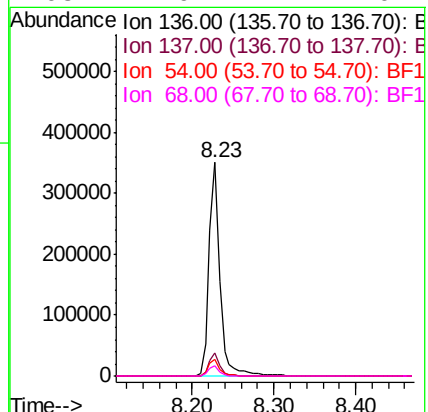
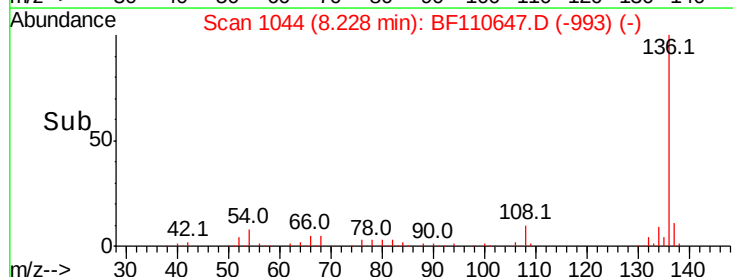
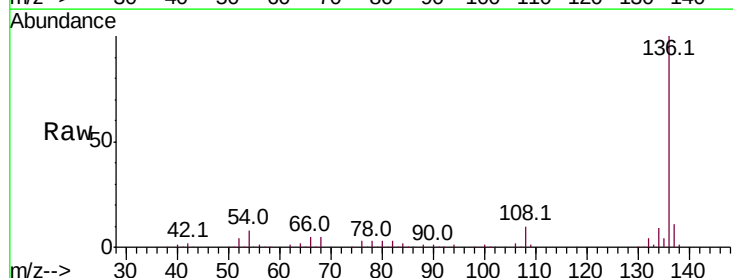
Ion Ratio Lower Upper

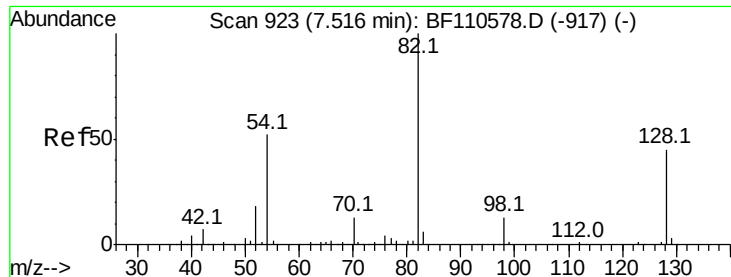
136 100

137 10.5 8.8 13.2

54 7.6 5.4 8.2

68 4.9 4.2 6.2

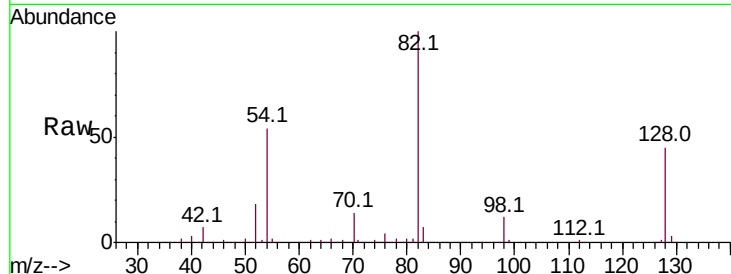




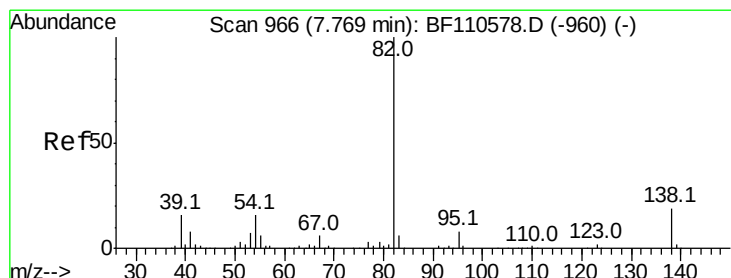
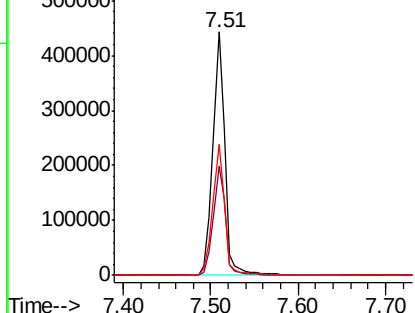
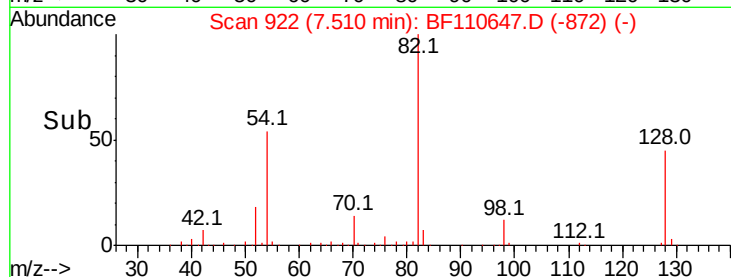
#23
 Nitrobenzene-d5
 Concen: 76.048 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110647.D
 Acq: 10 Nov 2018 00:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	432067
Ion Ratio	100	Lower	Upper
128	44.8	34.2	51.2
54	53.6	38.6	58.0

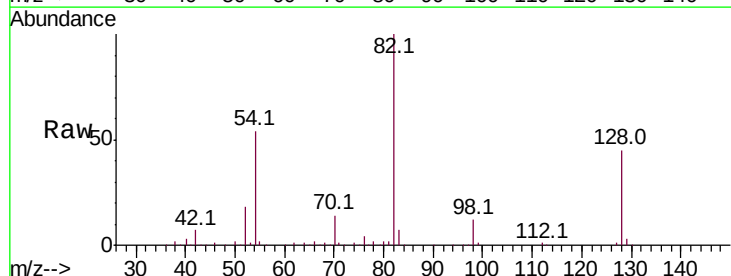


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

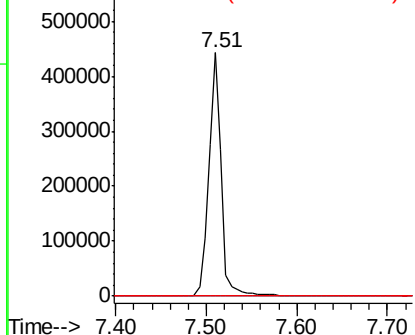
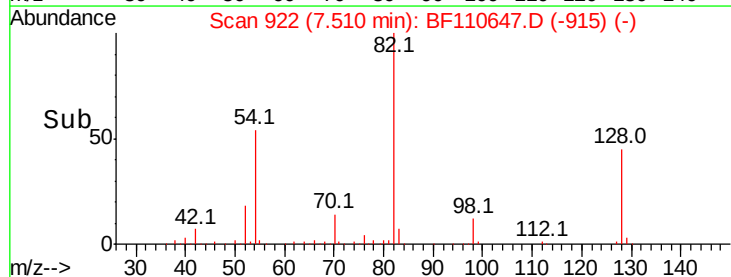


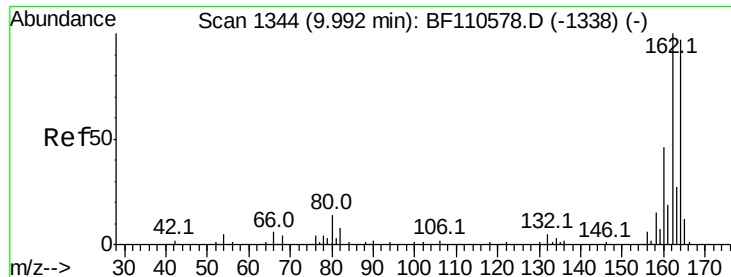
#25
 Isophorone
 Concen: 46.398 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110647.D
 Acq: 10 Nov 2018 00:20

Tgt Ion	82	Resp	432064
Ion Ratio	100	Lower	Upper
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

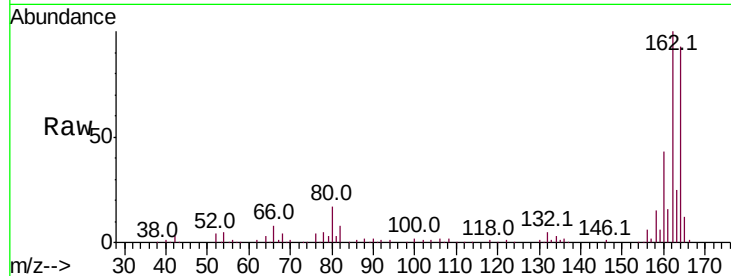




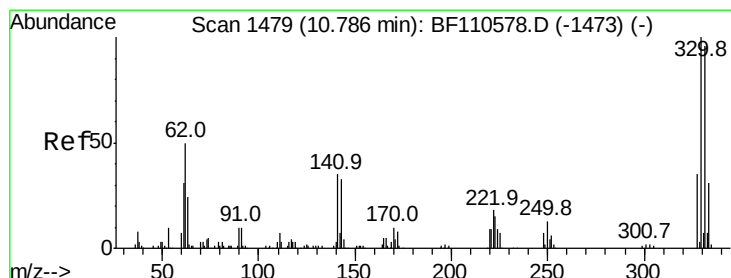
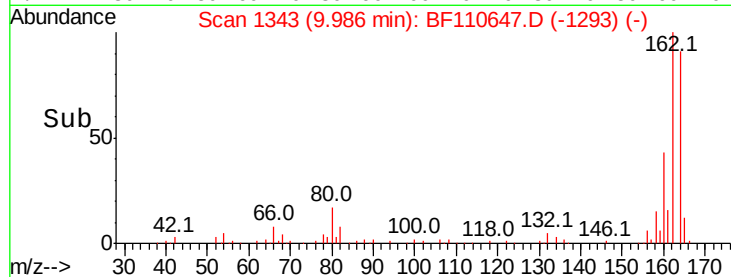
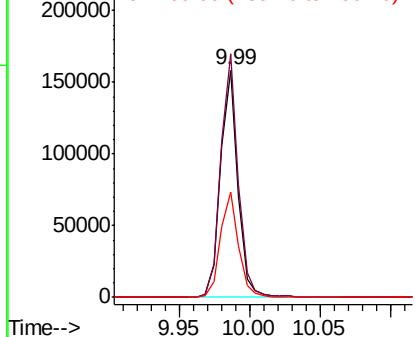
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110647.D
Acq: 10 Nov 2018 00:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 135640
Ion Ratio Lower Upper
164 100
162 107.2 83.0 124.6
160 46.4 37.0 55.6

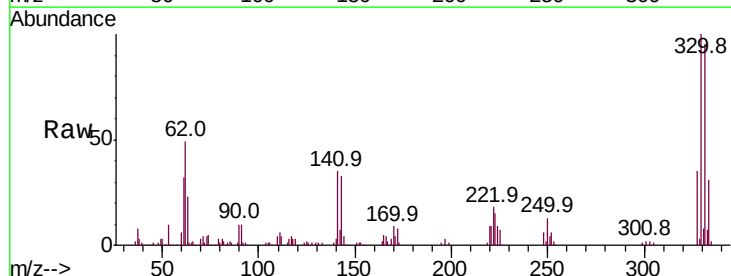


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

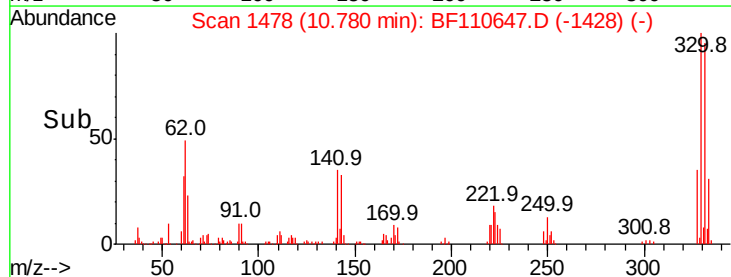
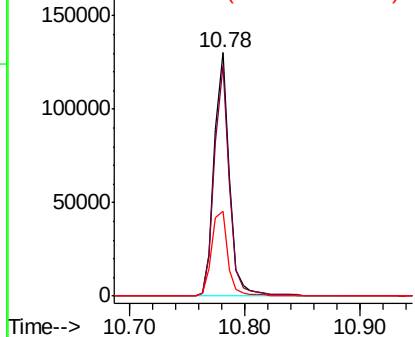


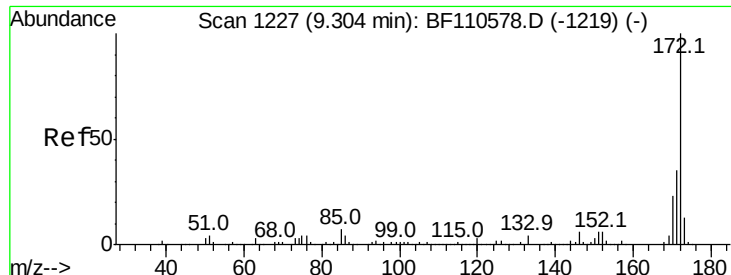
#42
2,4,6-Tribromophenol
Concen: 87.334 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110647.D
Acq: 10 Nov 2018 00:20

Tgt Ion:330 Resp: 119363
Ion Ratio Lower Upper
330 100
332 94.9 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

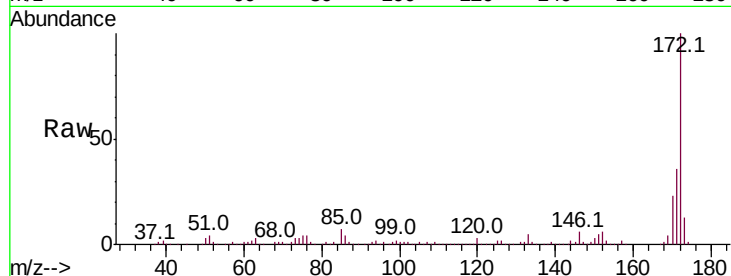




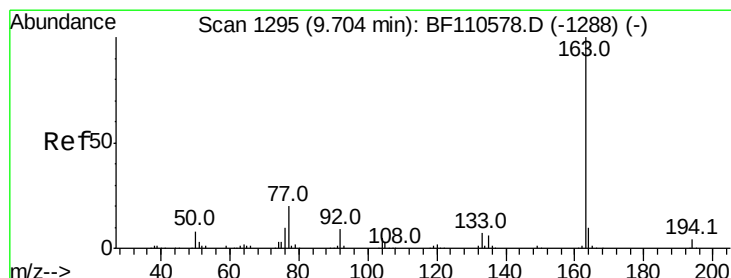
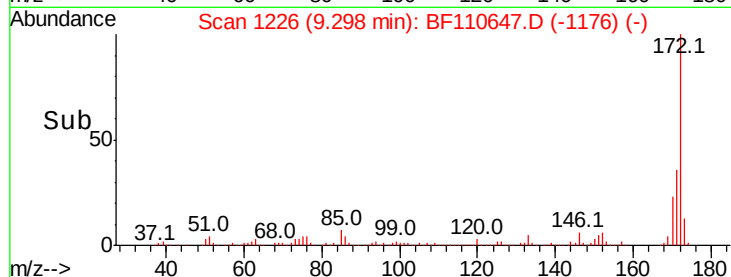
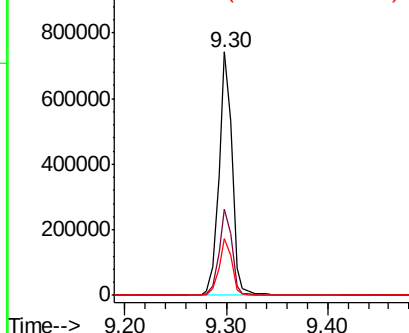
#45
2-Fluorobiphenyl
Concen: 70.150 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110647.D
Acq: 10 Nov 2018 00:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 666242
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.4 19.7 29.5

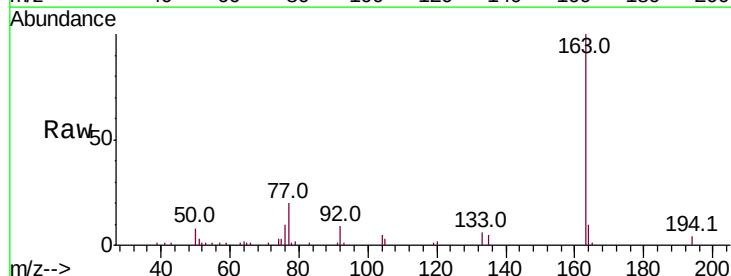


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

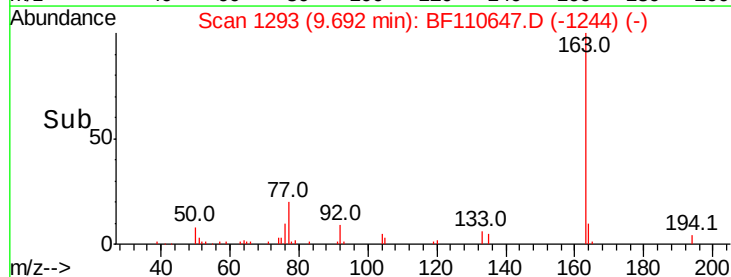
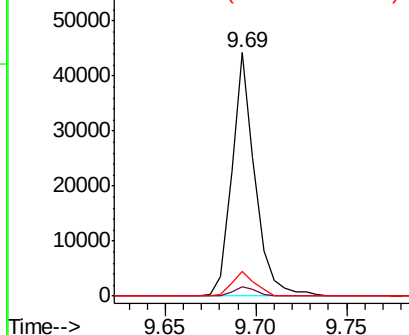


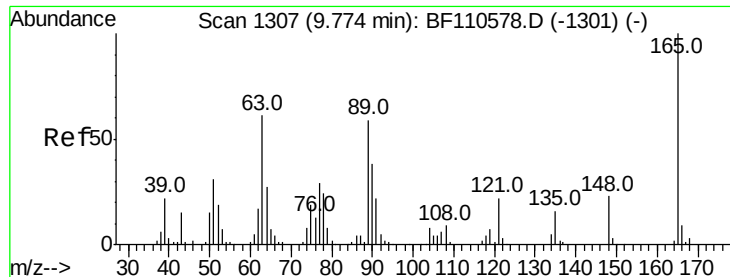
#50
Dimethylphthalate
Concen: 3.852 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110647.D
Acq: 10 Nov 2018 00:20

Tgt Ion:163 Resp: 38983
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

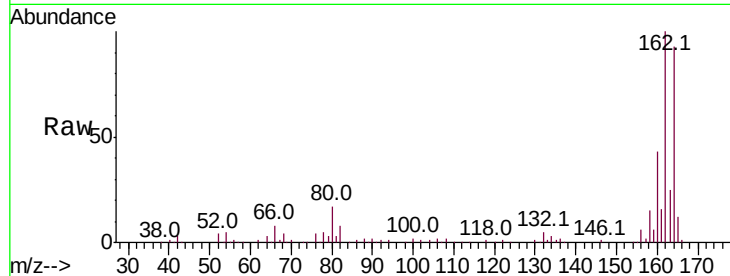




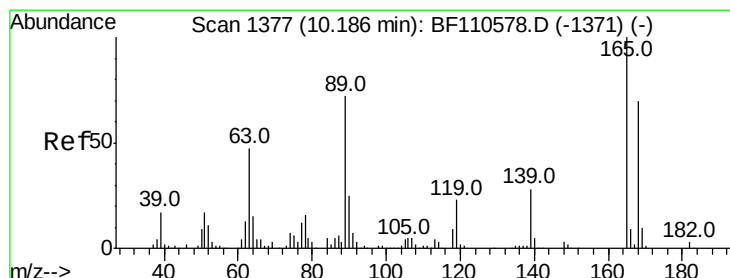
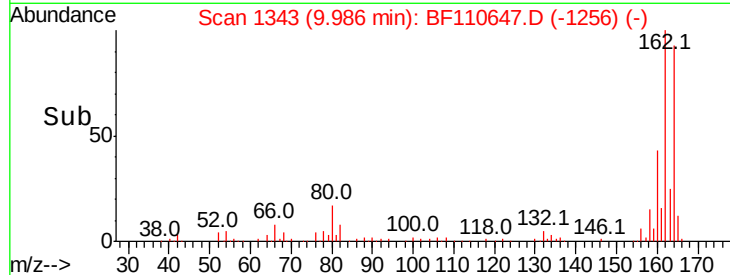
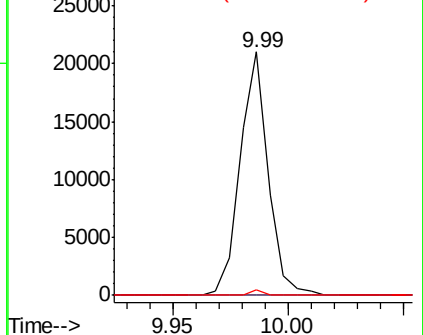
#51
 2,6-Dinitrotoluene
 Concen: 7.993 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110647.D
 Acq: 10 Nov 2018 00:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	2.1	46.6	69.8#



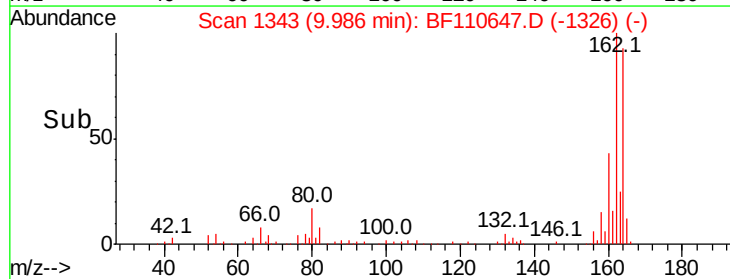
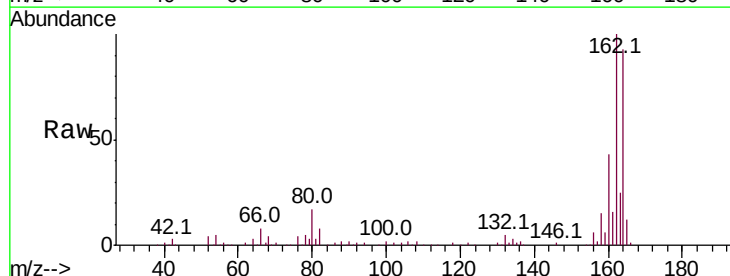
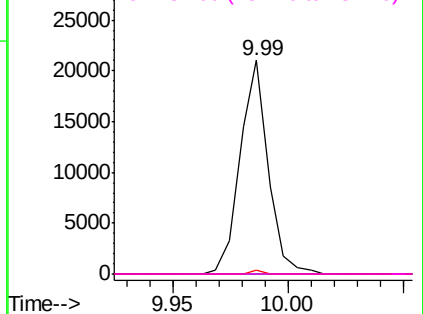
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

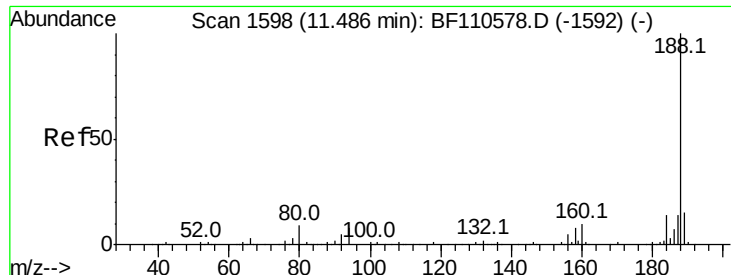


#57
 2,4-Dinitrotoluene
 Concen: 6.147 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110647.D
 Acq: 10 Nov 2018 00:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	2.1	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

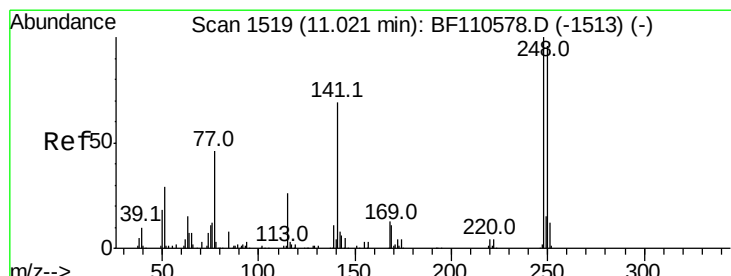
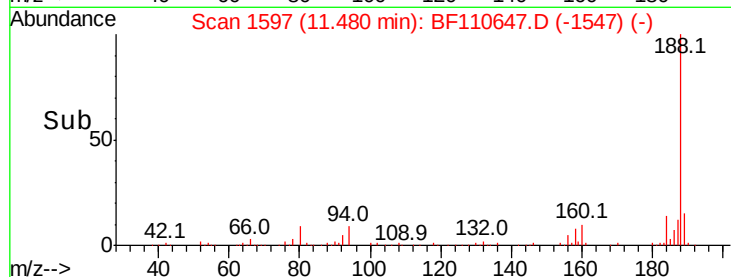
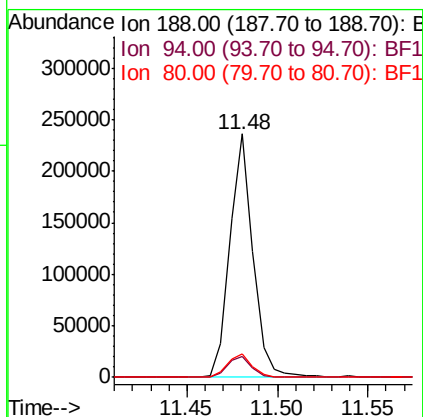
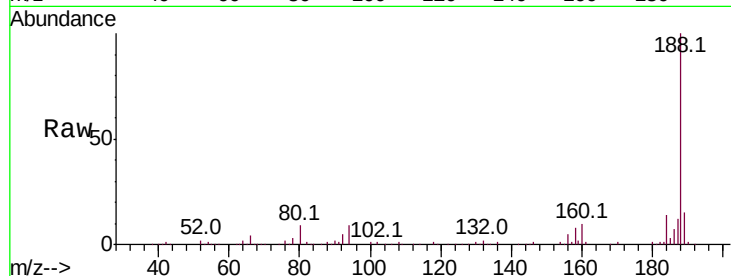




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110647.D
 Acq: 10 Nov 2018 00:20

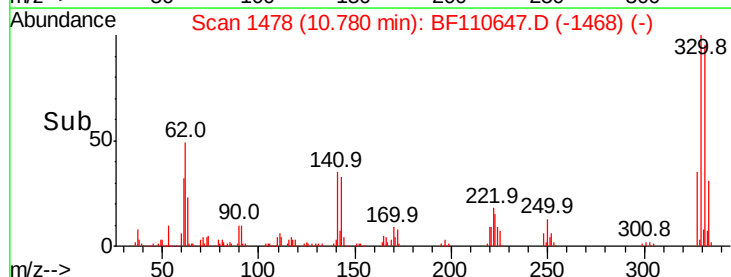
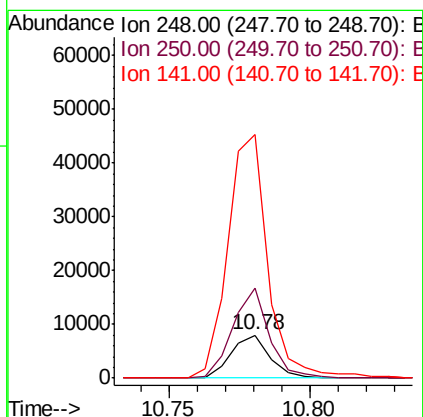
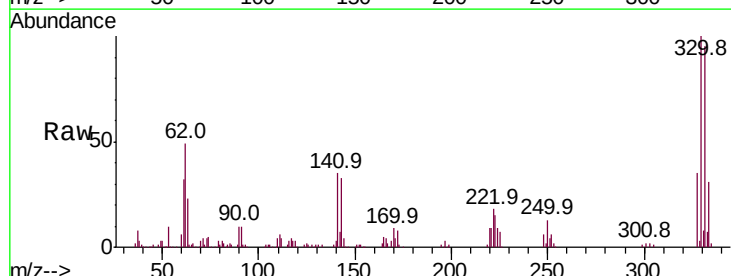
Instrument :
 BNA_F
 ClientSampleId :

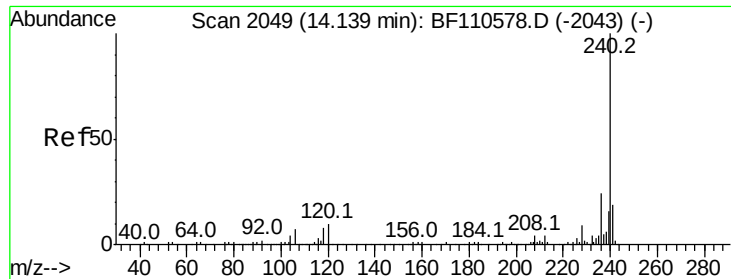
Tot Ion:188 Resp: 209871
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.2 10.8
 80 9.4 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 3.254 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110647.D
 Acq: 10 Nov 2018 00:20

Tgt Ion:248 Resp: 7547
 Ion Ratio Lower Upper
 248 100
 250 212.4 79.4 119.2#
 141 571.2 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110647.D

Acq: 10 Nov 2018 00:20

Instrument :

BNA_F

ClientSampleId :

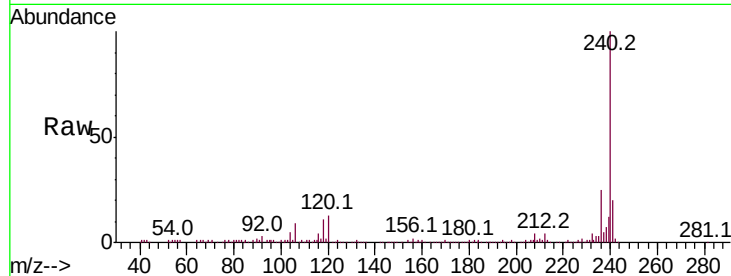
Tot Ion:240 Resp: 153460

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

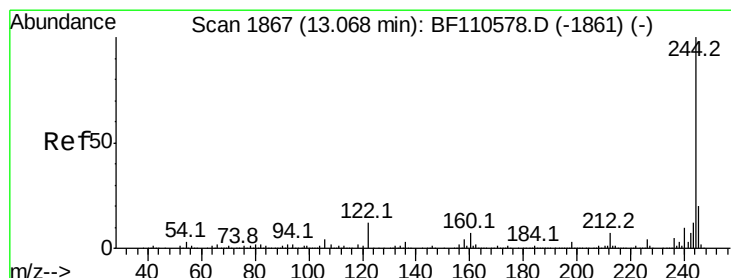
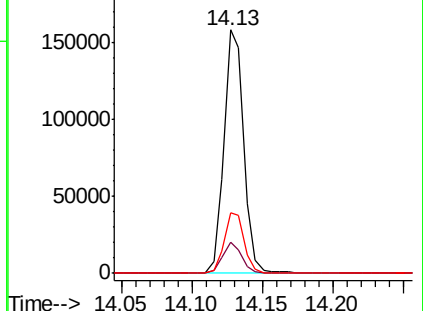
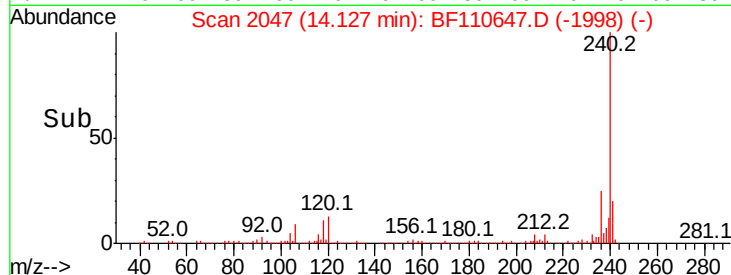
236 24.9 21.2 31.8



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: 61.806 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110647.D

Acq: 10 Nov 2018 00:20

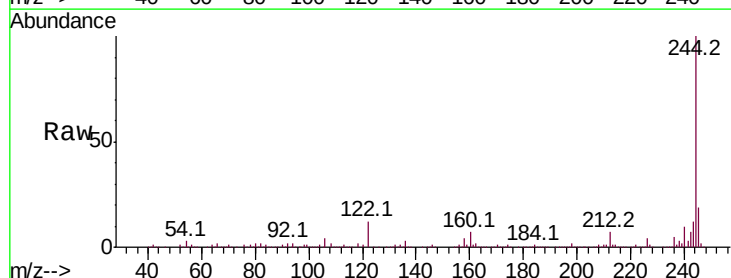
Tgt Ion:244 Resp: 506458

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

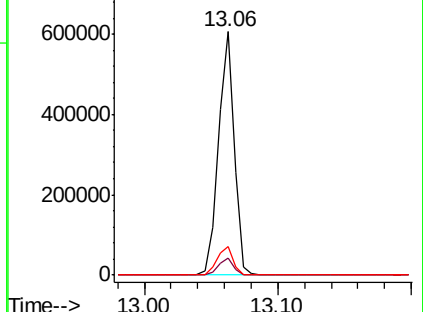
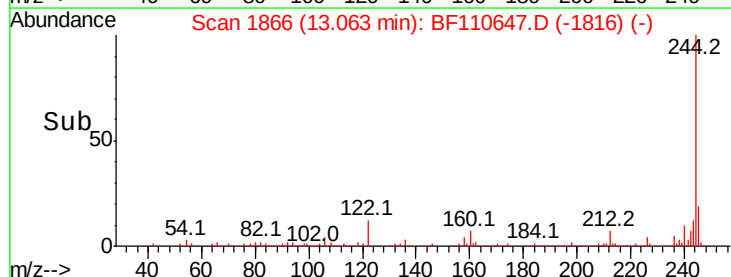
122 11.5 8.7 13.1

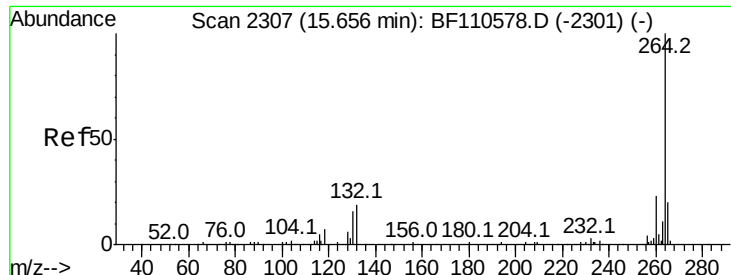


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110647.D
Acq: 10 Nov 2018 00:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	22.1	16.7	25.1

