

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109960.D
 Acq On : 18 Oct 2018 14:44
 Operator : JU/SJ
 Sample : J5575-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 02:22:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	262205	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1034101	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	478806	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	828205	20.00	ng	0.00
76) Chrysene-d12	14.16	240	484469	20.00	ng	0.00
87) Perylene-d12	15.68	264	504819	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1534540	92.77	ng	0.00
7) Phenol-d6	6.60	99	1950281	94.95	ng	0.00
23) Nitrobenzene-d5	7.54	82	1212158	78.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	447054	107.84	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	2032489	67.73	ng	0.00
79) Terphenyl-d14	13.10	244	1536854	66.61	ng	0.00

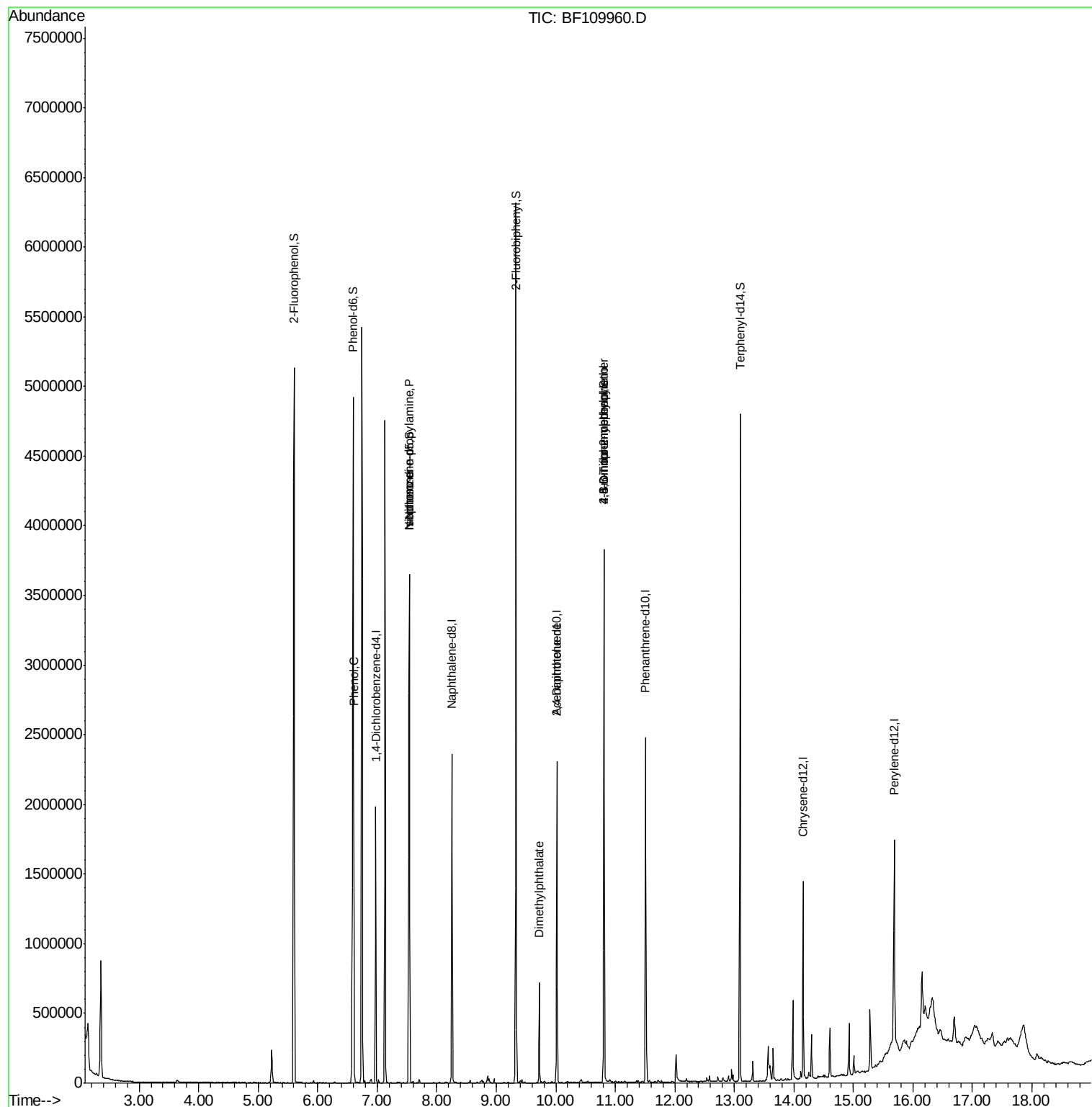
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.61	94	207565	9.360	ng	# 59
19) n-Nitroso-di-n-propylamine	7.54	70	163308	12.383	ng	# 79
25) Isophorone	7.54	82	1212142	40.186	ng	# 67
50) Dimethylphthalate	9.72	163	268356	7.915	ng	# 99
57) 2,4-Dinitrotoluene	10.02	165	60575	11.319	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.81	198	1136	8.221	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	28144	3.136	ng	# 1

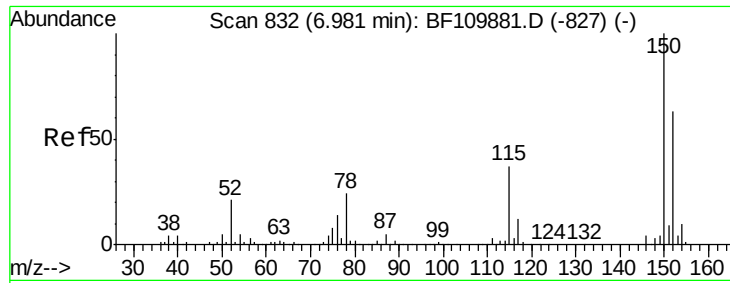
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 19 02:22:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



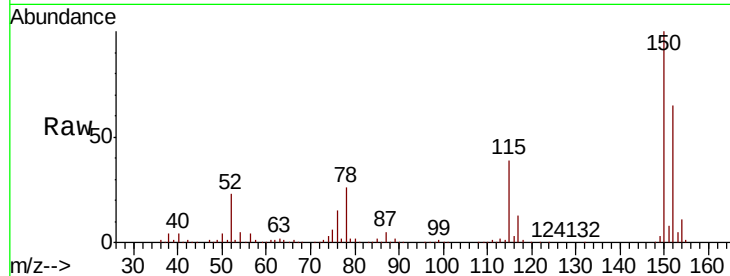


#1

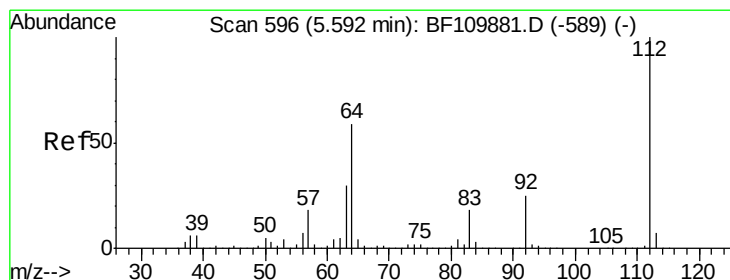
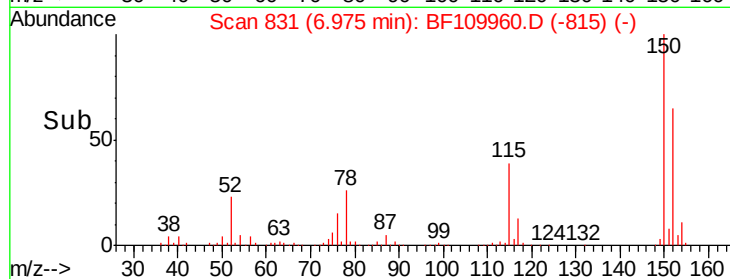
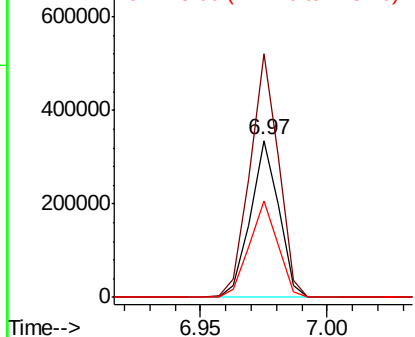
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109960.D
Acq: 18 Oct 2018 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 262205
Ion Ratio Lower Upper
152 100
150 155.0 122.7 184.1
115 61.1 49.1 73.7



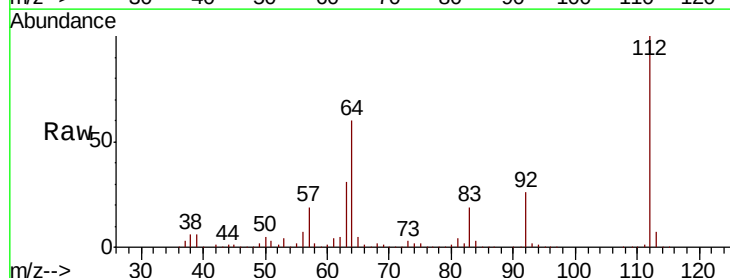
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



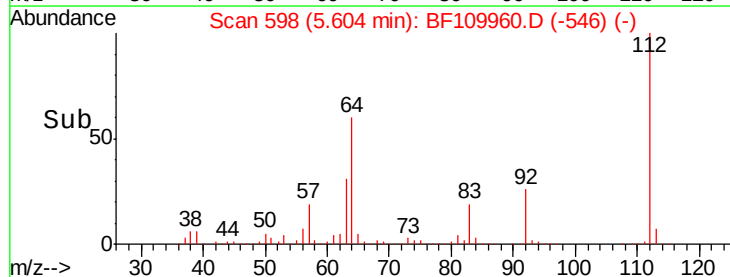
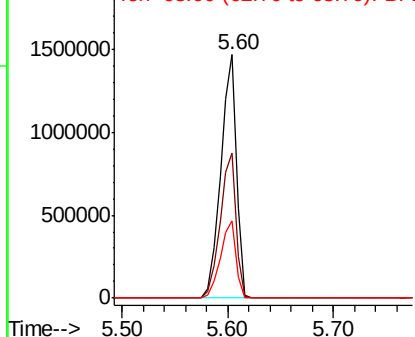
#5

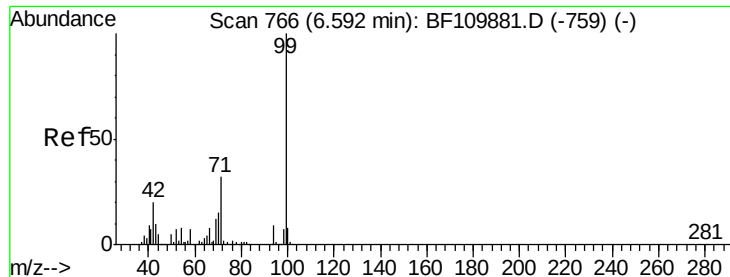
2-Fluorophenol
Concen: 92.769 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF109960.D
Acq: 18 Oct 2018 14:44

Tgt Ion:112 Resp: 1534540
Ion Ratio Lower Upper
112 100
64 59.6 44.1 66.1
63 31.5 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: 94.950 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109960.D

Acq: 18 Oct 2018 14:44

Instrument :

BNA_F

ClientSampled :

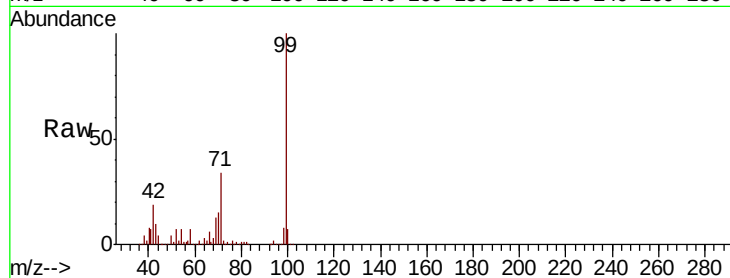
Tot Ion: 99 Resp: 1950281

Ion Ratio Lower Upper

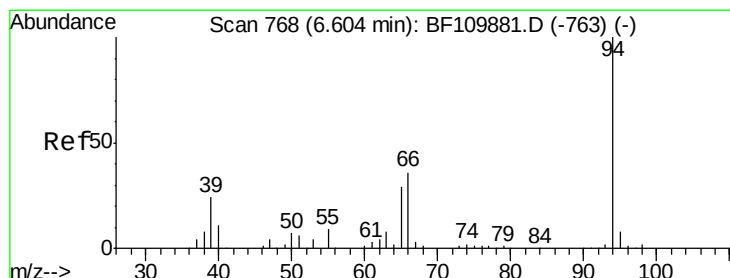
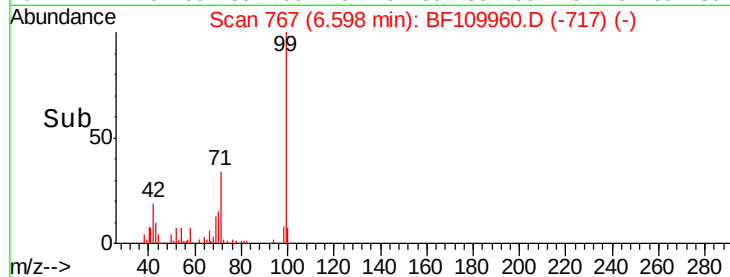
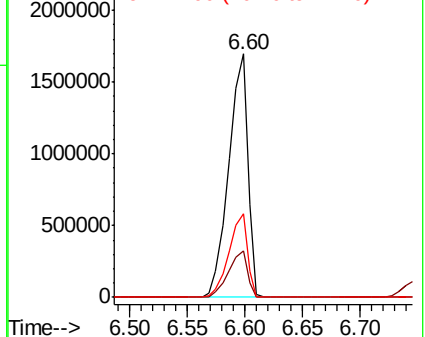
99 100

42 18.9 15.8 23.6

71 34.5 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



#10

Phenol

Concen: 9.360 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109960.D

Acq: 18 Oct 2018 14:44

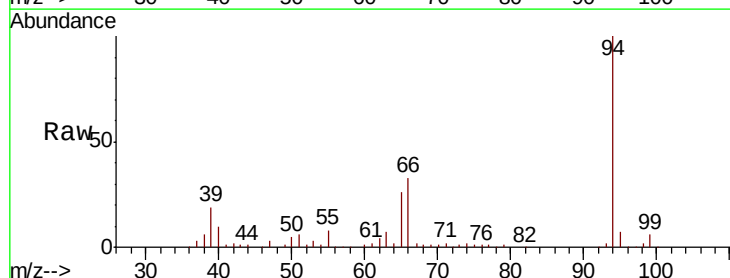
Tgt Ion: 94 Resp: 207565

Ion Ratio Lower Upper

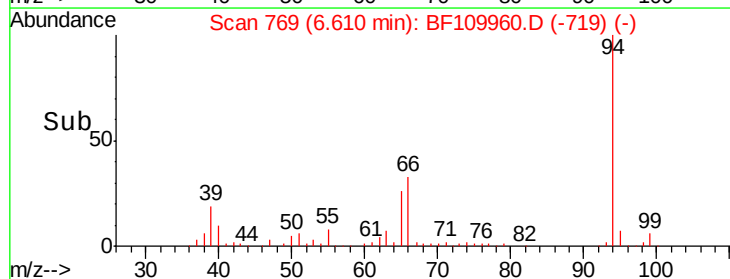
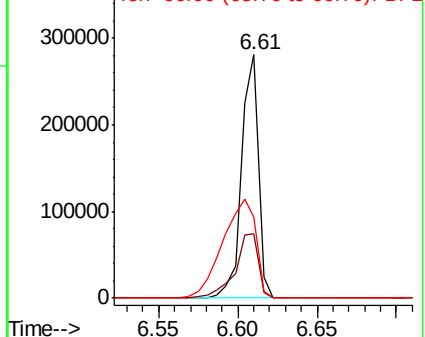
94 100

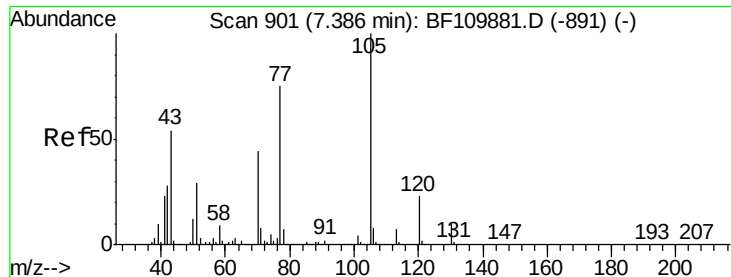
65 26.4 25.3 65.3

66 33.5 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

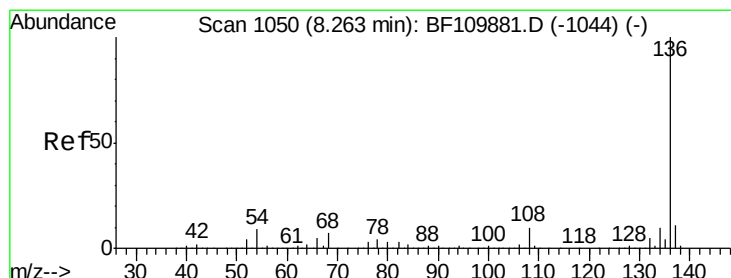
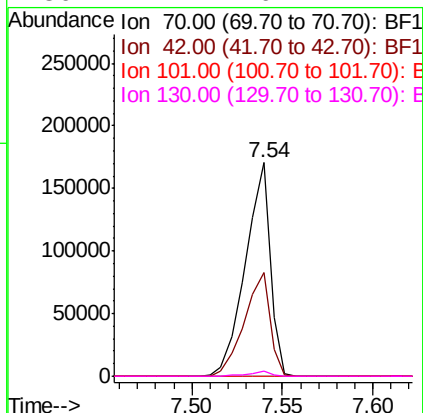
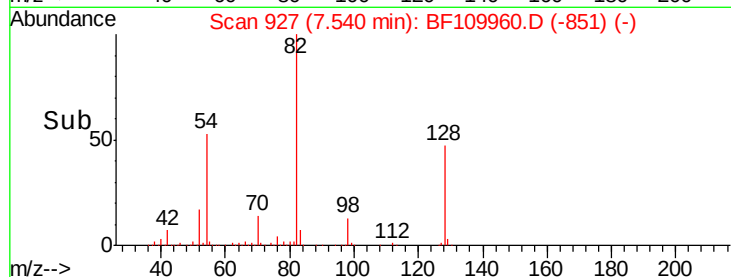
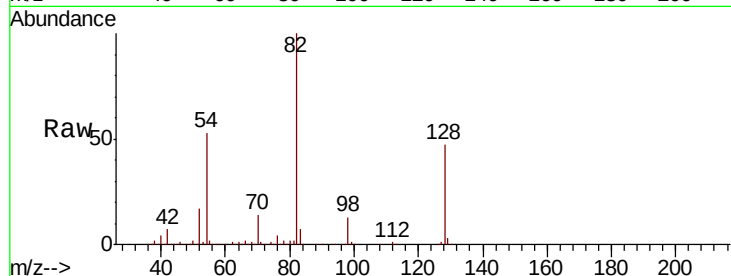




#19
n-Nitroso-di-n-propylamine
Concen: 12.383 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109960.D
Acq: 18 Oct 2018 14:44

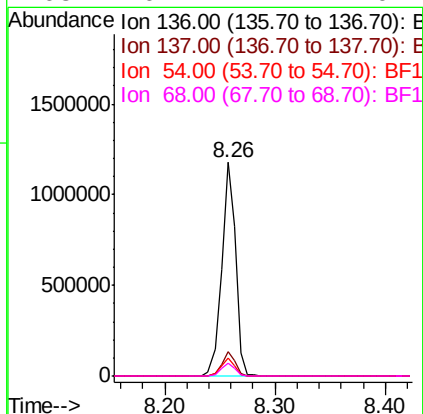
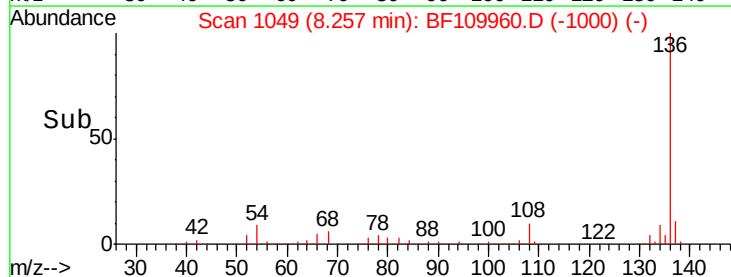
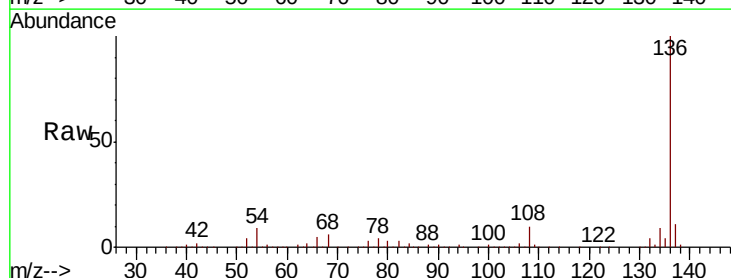
Instrument :
BNA_F
ClientSampleId :

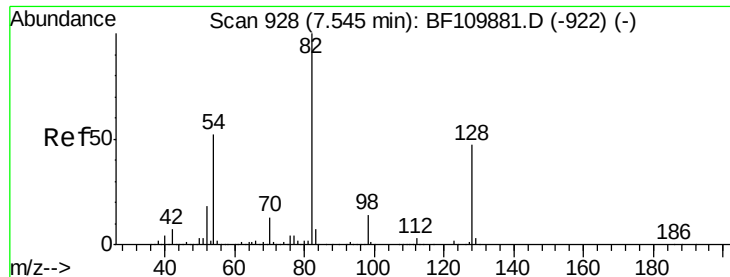
Tot Ion: 70 Resp: 163308
Ion Ratio Lower Upper
70 100
42 48.8 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109960.D
Acq: 18 Oct 2018 14:44

Tgt Ion:136 Resp: 1034101
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.6 5.4 8.2#
68 6.2 4.2 6.2

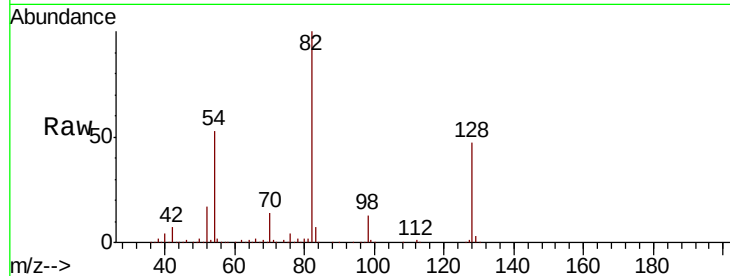




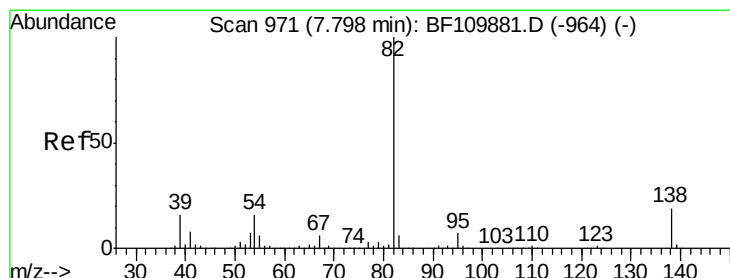
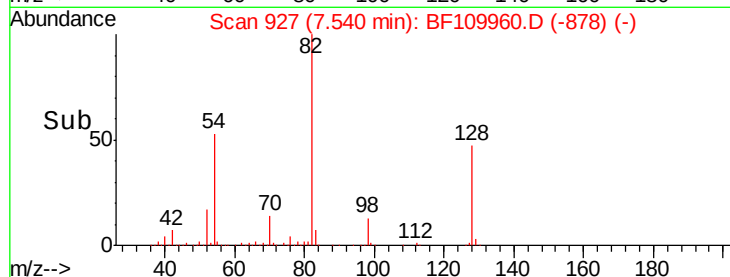
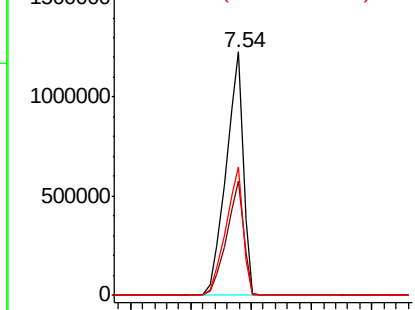
#23
Nitrobenzene-d5
Concen: 78.963 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109960.D
Acq: 18 Oct 2018 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1212158
Ion Ratio Lower Upper
82 100
128 46.8 34.2 51.2
54 52.6 38.6 58.0

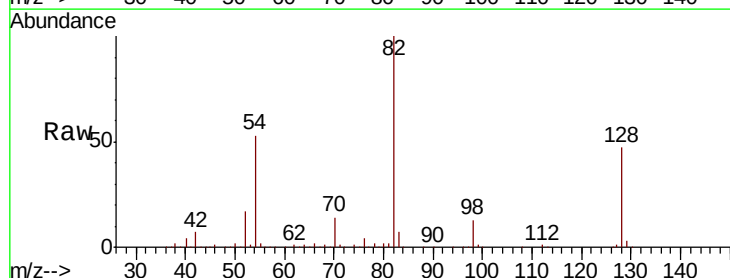


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

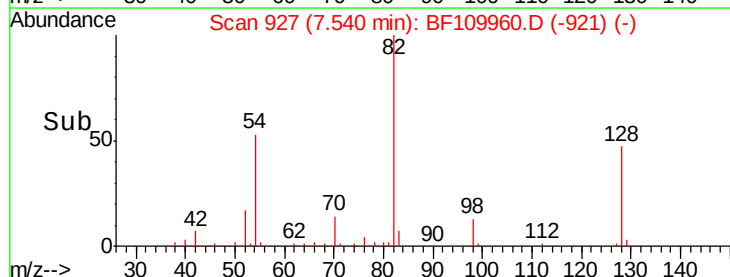
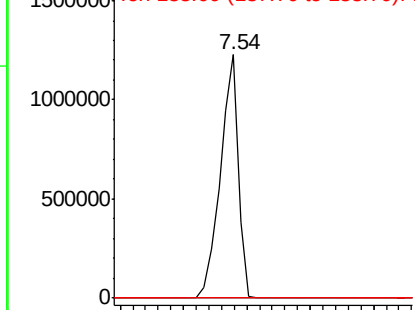


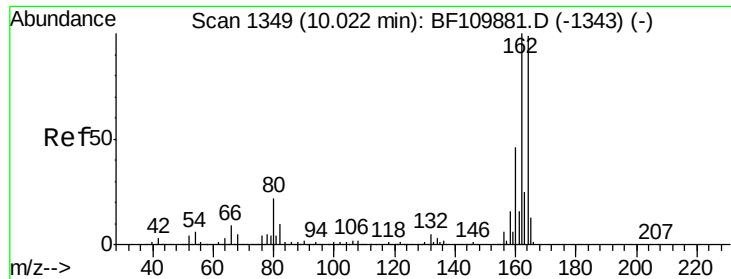
#25
Isophorone
Concen: 40.186 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.26 min
Lab File: BF109960.D
Acq: 18 Oct 2018 14:44

Tgt Ion: 82 Resp: 1212142
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

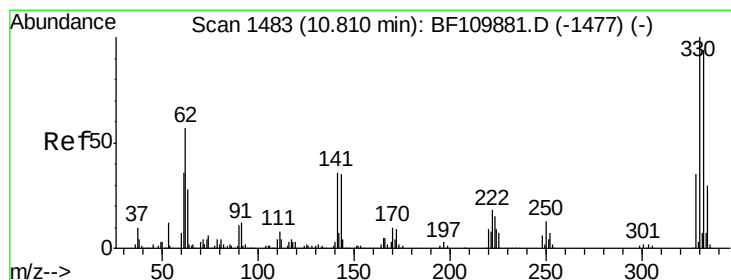
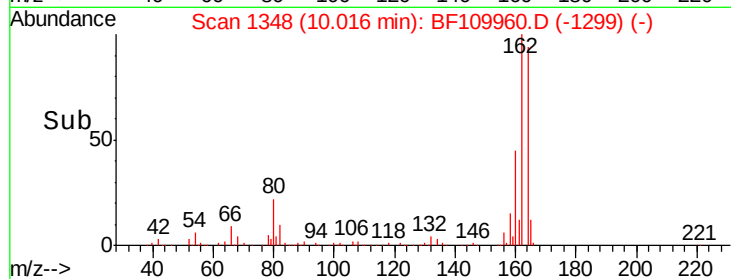
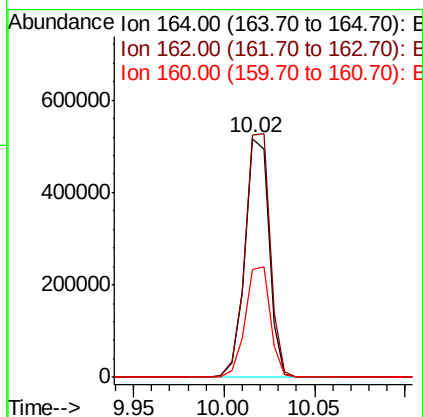
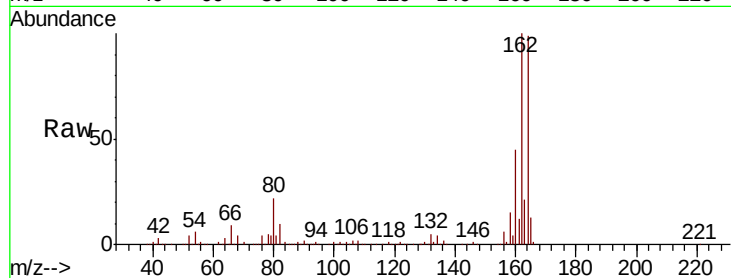




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109960.D
Acq: 18 Oct 2018 14:44

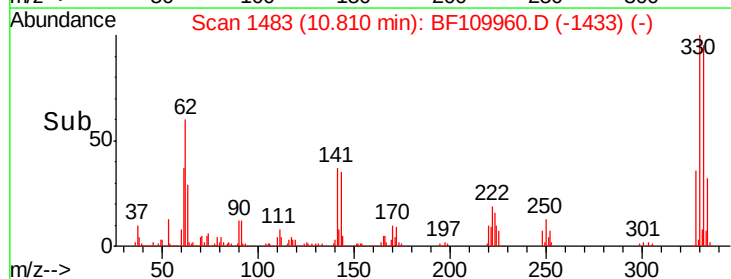
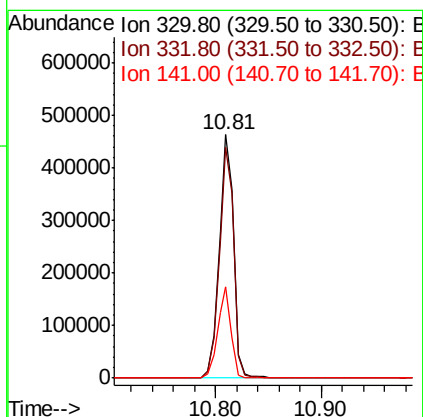
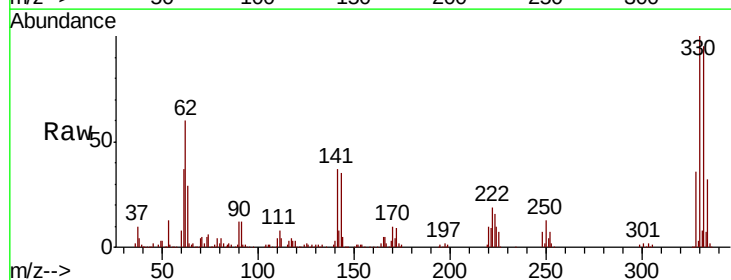
Instrument :
BNA_F
ClientSampleId :

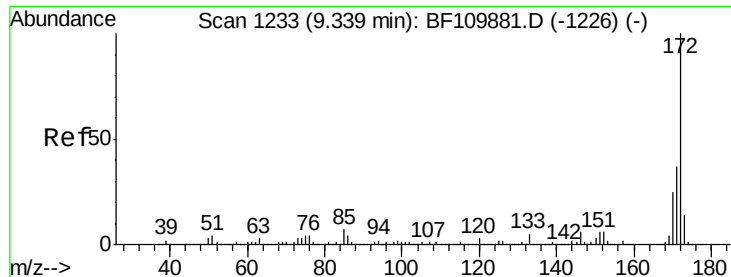
Tot Ion:164 Resp: 478806
Ion Ratio Lower Upper
164 100
162 101.3 83.0 124.6
160 45.4 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 107.844 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF109960.D
Acq: 18 Oct 2018 14:44

Tgt Ion:330 Resp: 447054
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 35.0 27.0 40.4

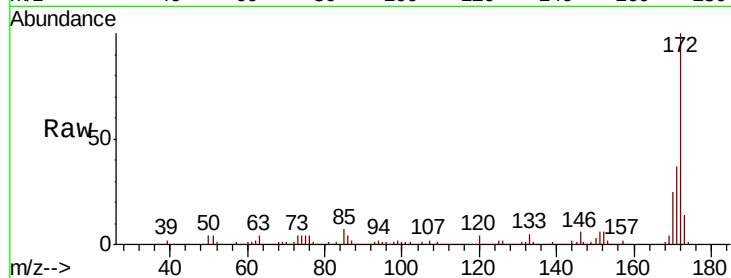




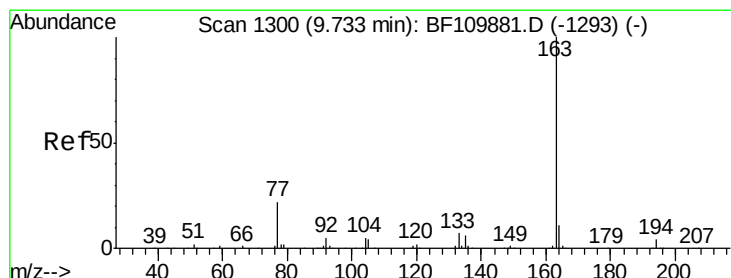
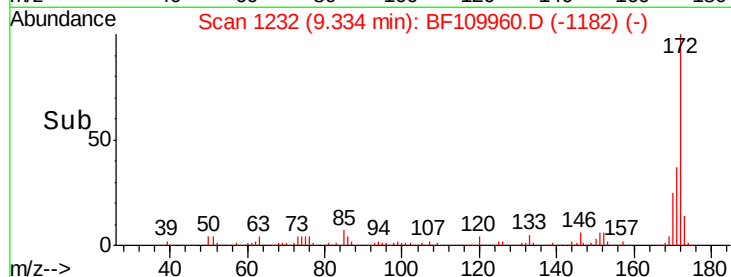
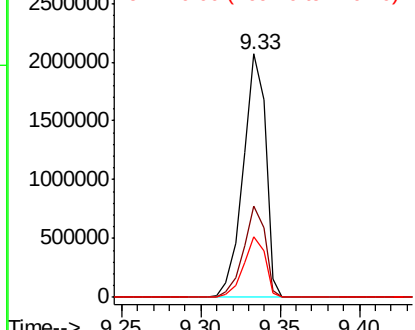
#45
2-Fluorobiphenyl
Concen: 67.734 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109960.D
Acq: 18 Oct 2018 14:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2032489
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 24.7 19.7 29.5

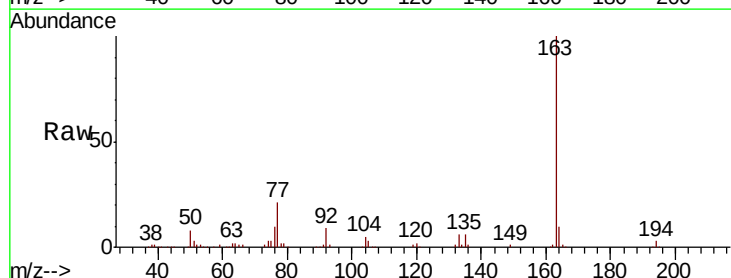


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

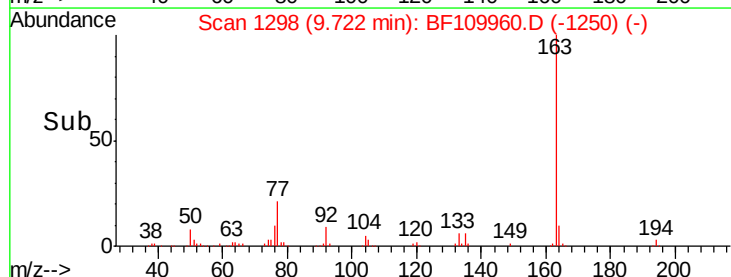
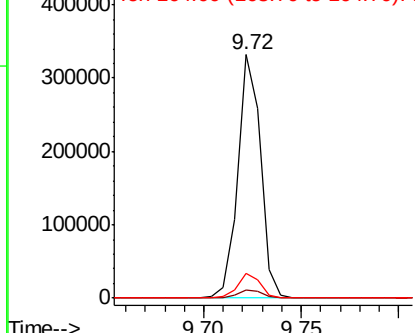


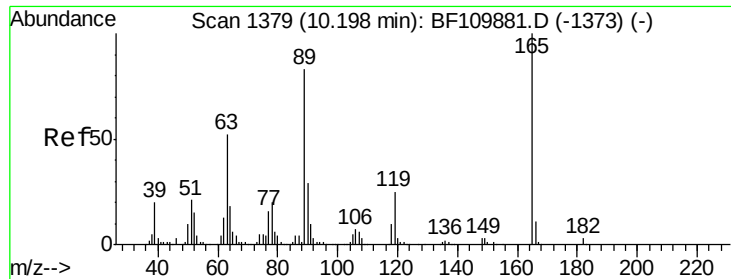
#50
Dimethylphthalate
Concen: 7.915 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109960.D
Acq: 18 Oct 2018 14:44

Tgt Ion:163 Resp: 268356
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 10.0 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

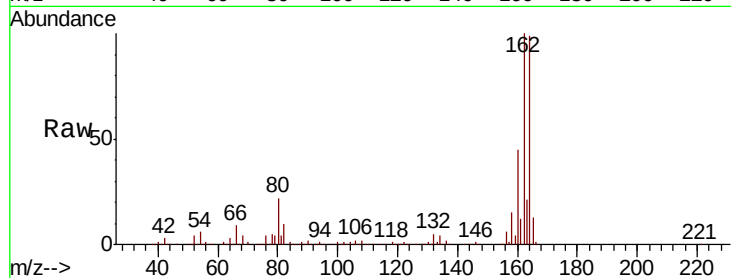




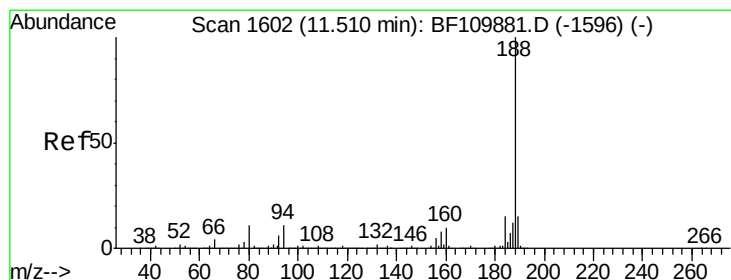
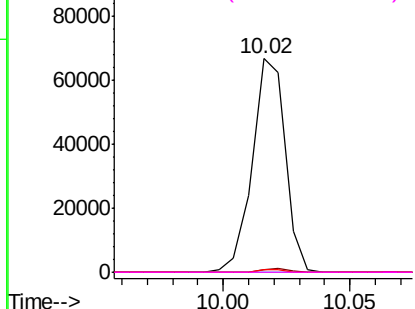
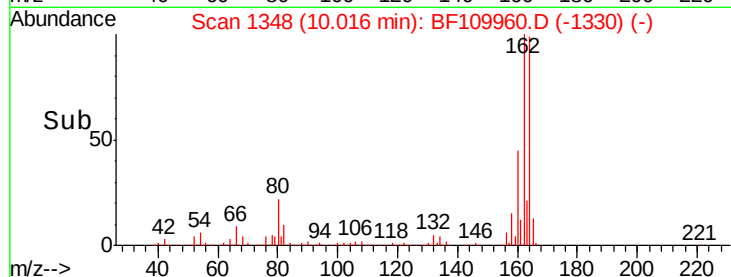
#57
 2,4-Dinitrotoluene
 Concen: 11.319 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF109960.D
 Acq: 18 Oct 2018 14:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 60575
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.8 67.2#
 89 1.5 62.2 93.4#
 182 0.0 2.1 3.1#

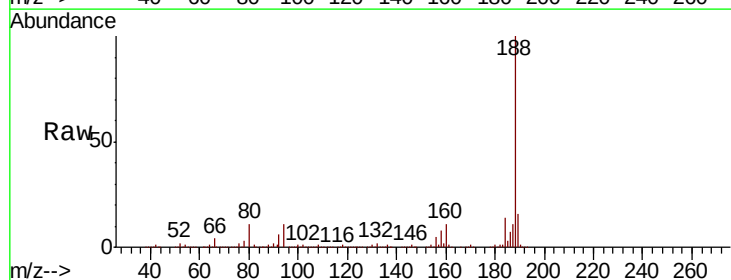


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

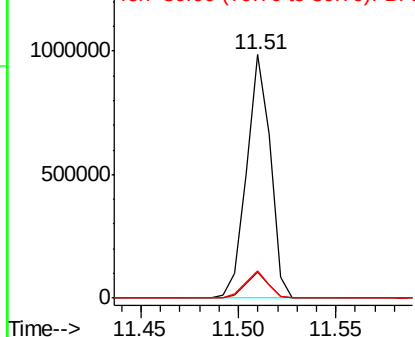
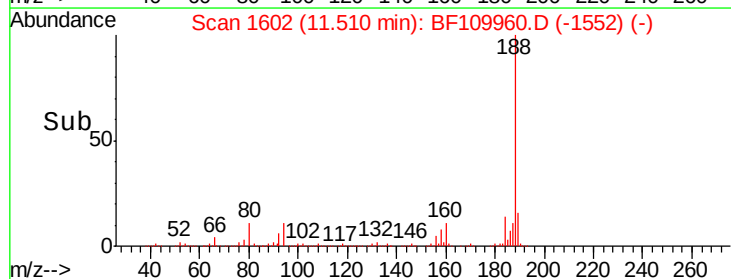


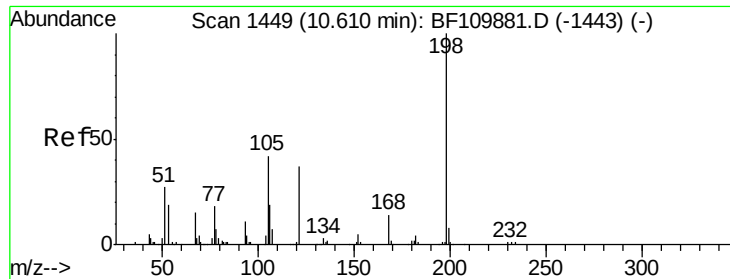
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF109960.D
 Acq: 18 Oct 2018 14:44

Tgt Ion:188 Resp: 828205
 Ion Ratio Lower Upper
 188 100
 94 10.5 7.2 10.8
 80 11.5 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

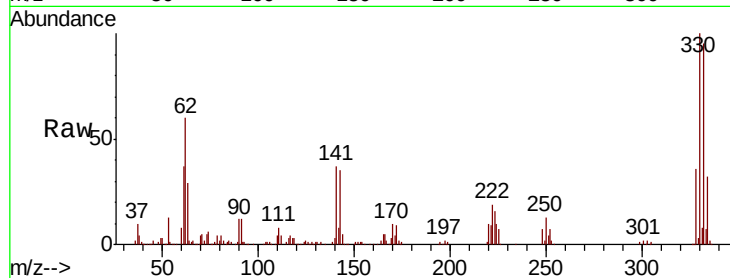




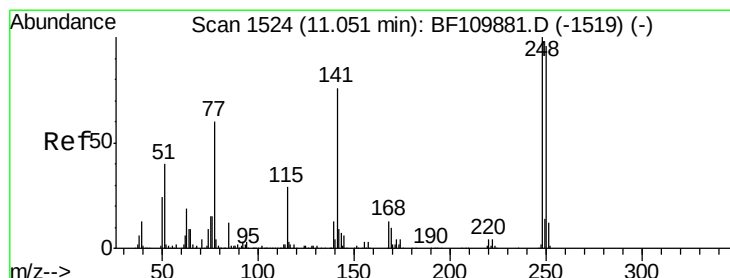
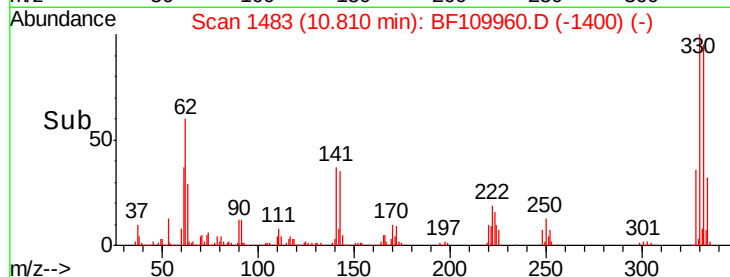
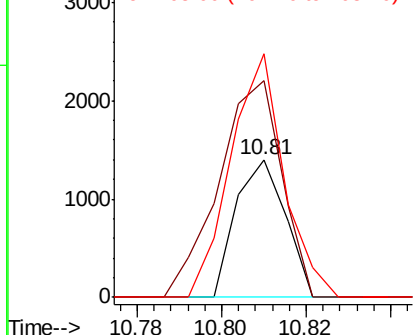
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.221 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.19 min
 Lab File: BF109960.D
 Acq: 18 Oct 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 1136
 Ion Ratio Lower Upper
 198 100
 51 157.6 22.8 62.8#
 105 177.1 23.6 63.6#

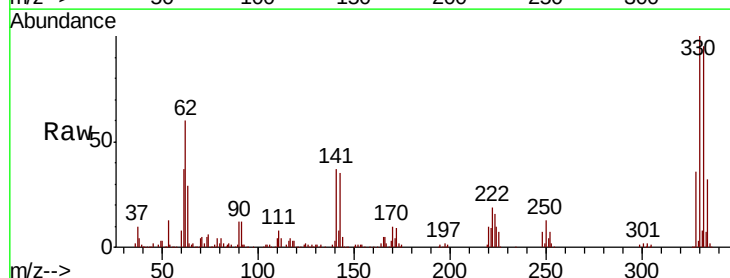


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

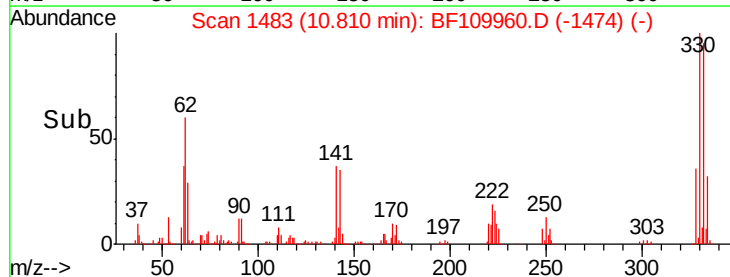
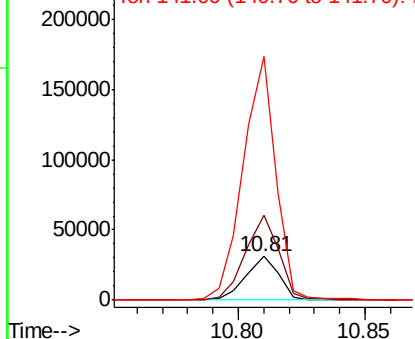


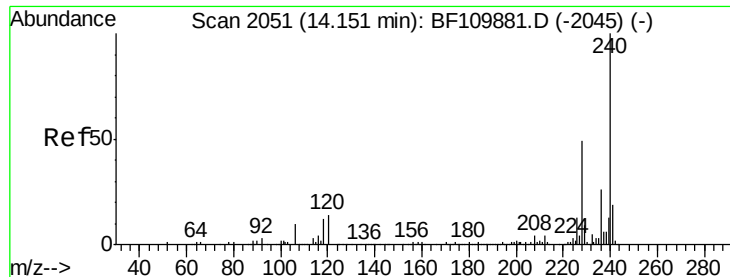
#67
 4-Bromophenyl-phenylether
 Concen: 3.136 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.25 min
 Lab File: BF109960.D
 Acq: 18 Oct 2018 14:44

Tgt Ion:248 Resp: 28144
 Ion Ratio Lower Upper
 248 100
 250 195.9 79.4 119.2#
 141 558.6 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: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF109960.D

Acq: 18 Oct 2018 14:44

Instrument :

BNA_F

ClientSampleId :

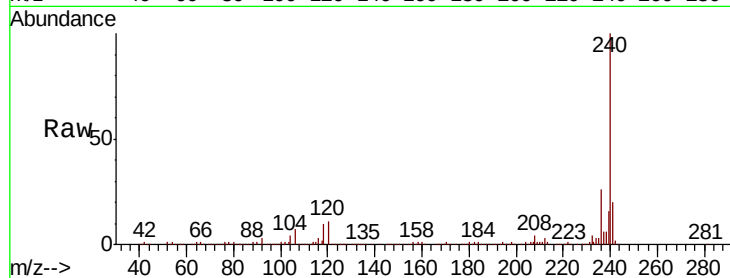
Tot Ion:240 Resp: 484469

Ion Ratio Lower Upper

240 100

120 11.1 8.3 12.5

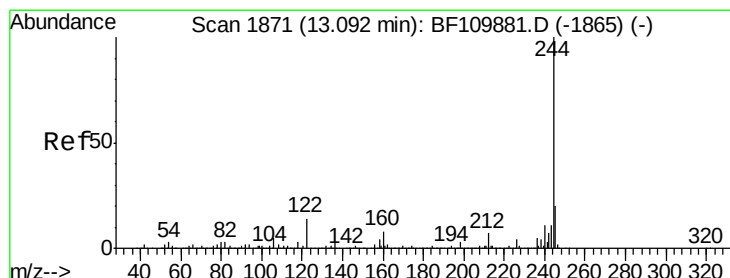
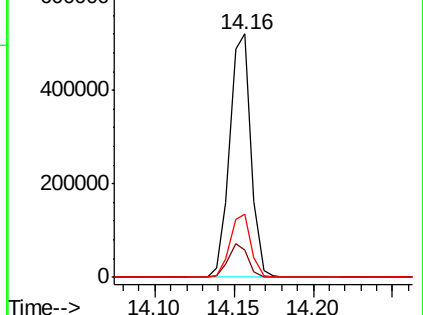
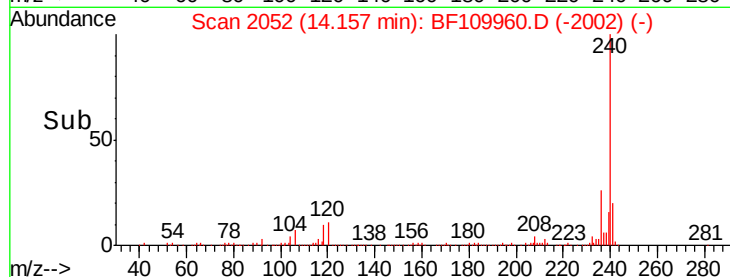
236 25.8 21.2 31.8



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: 66.615 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109960.D

Acq: 18 Oct 2018 14:44

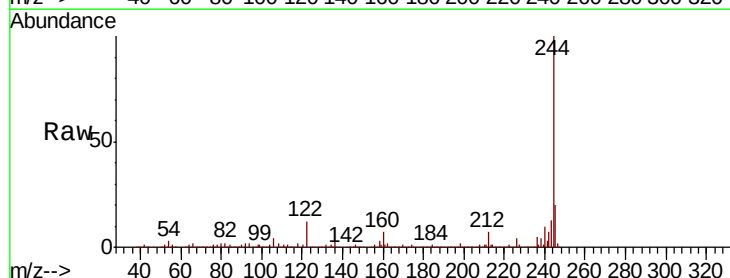
Tgt Ion:244 Resp: 1536854

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

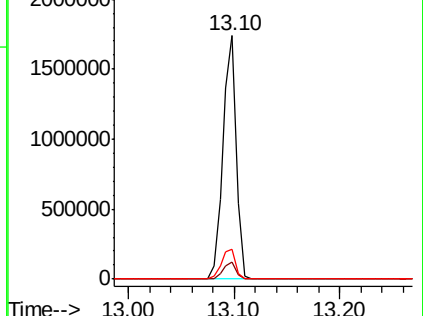
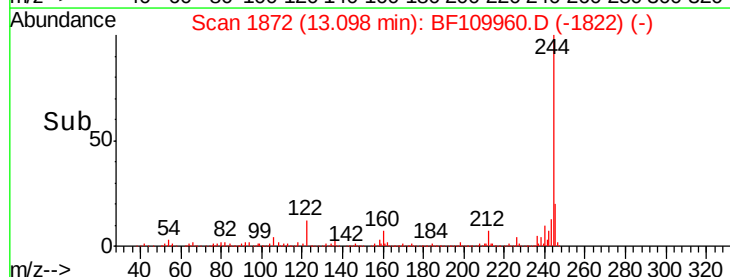
122 12.1 8.7 13.1

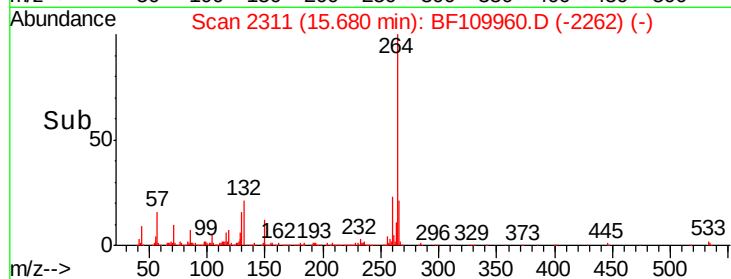
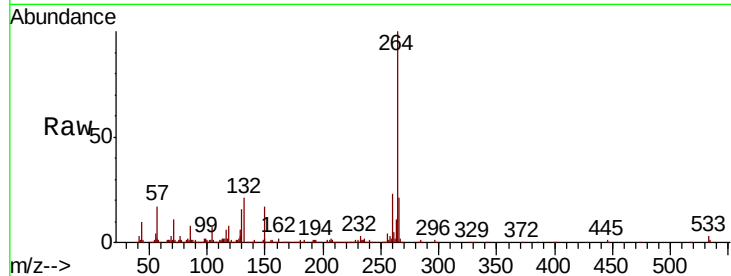
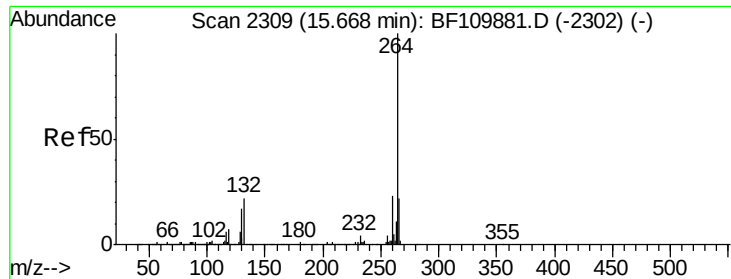


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF109960.D
Acq: 18 Oct 2018 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.2	16.7	25.1

