

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF109999.D
 Acq On : 19 Oct 2018 13:47
 Operator : JU/SJ
 Sample : J5569-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 00:06:10 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

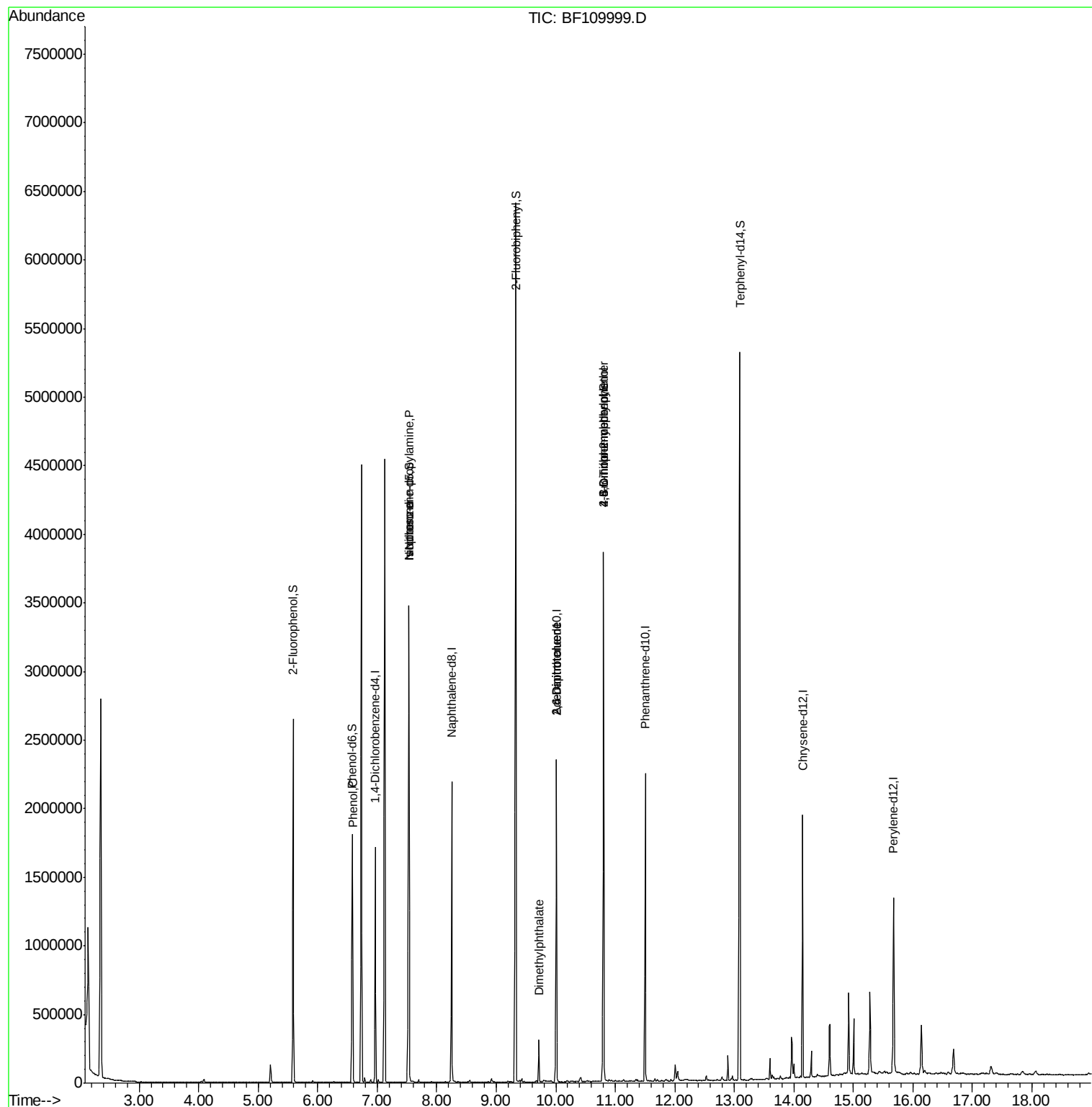
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	241744	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	968030	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	461196	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	828893	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	561140	20.00	ng	-0.02
87) Perylene-d12	15.67	264	389768	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	746154	48.93	ng	0.00
7) Phenol-d6	6.58	99	597484	31.55	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1267210	88.18	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	468914	117.44	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2200250	76.12	ng	-0.01
79) Terphenyl-d14	13.09	244	1999824	74.84	ng	-0.01
Target Compounds						
10) Phenol	6.59	94	68936	3.372	ng	# 65
19) n-Nitroso-di-n-propylamine	7.53	70	170103	13.990	ng	# 80
25) Isophorone	7.53	82	1263250	44.739	ng	# 67
50) Dimethylphthalate	9.72	163	110811	3.393	ng	# 99
51) 2,6-Dinitrotoluene	10.01	165	58307	9.400	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	58307	11.314	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	894	8.153	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	30263	3.369	ng	# 1

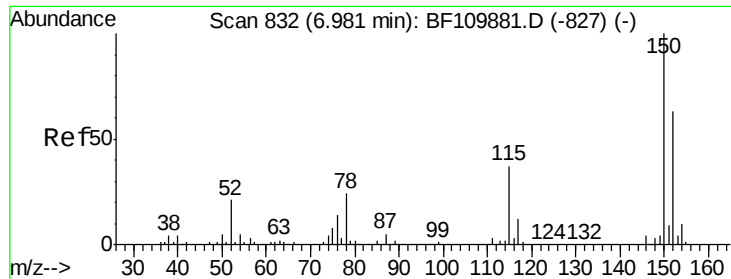
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 16 14:58:24 2018
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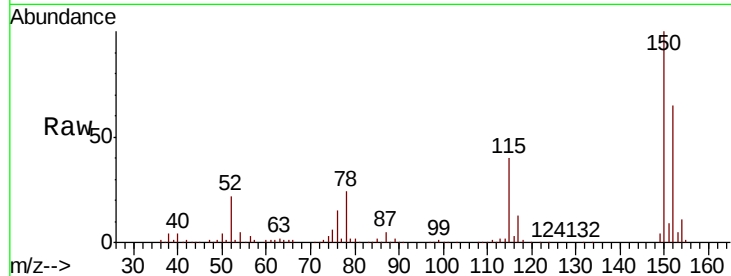


#1

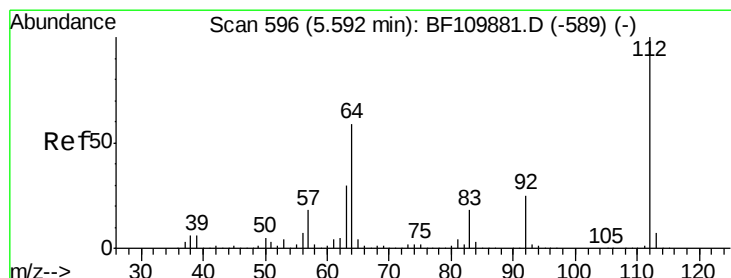
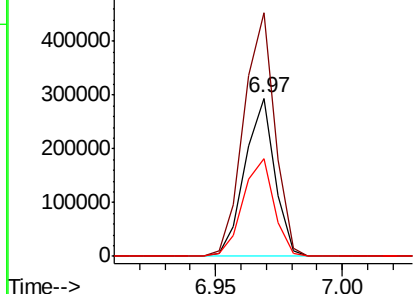
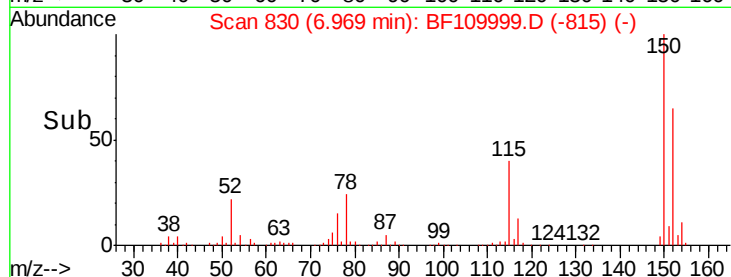
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109999.D
Acq: 19 Oct 2018 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 241744
Ion Ratio Lower Upper
152 100
150 153.9 122.7 184.1
115 61.7 49.1 73.7



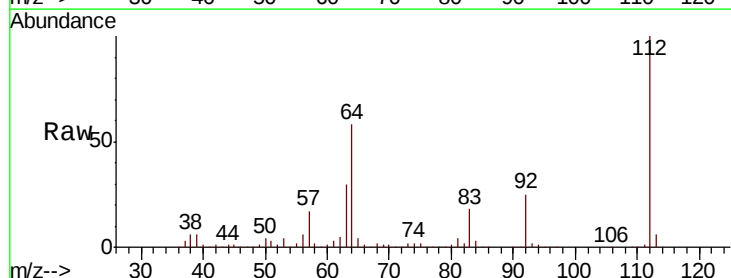
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



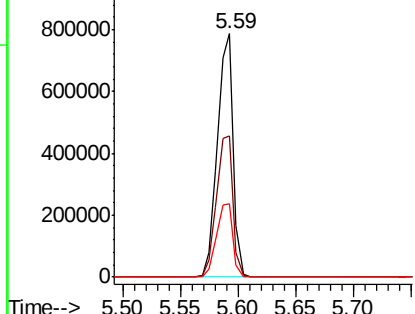
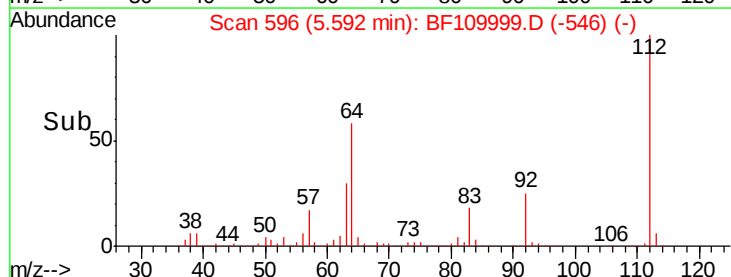
#5

2-Fluorophenol
Concen: 48.926 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109999.D
Acq: 19 Oct 2018 13:47

Tgt Ion:112 Resp: 746154
Ion Ratio Lower Upper
112 100
64 57.9 44.1 66.1
63 29.9 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: 31.551 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF109999.D

Acq: 19 Oct 2018 13:47

Instrument :

BNA_F

ClientSampleId :

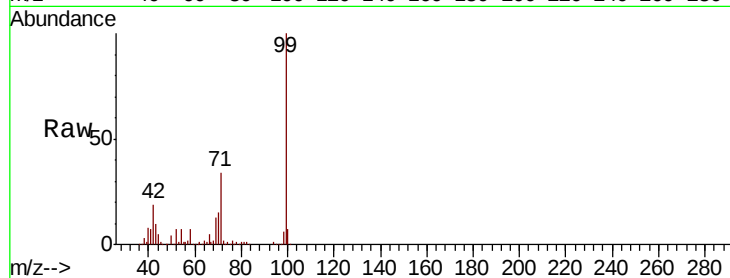
Tot Ion: 99 Resp: 597484

Ion Ratio Lower Upper

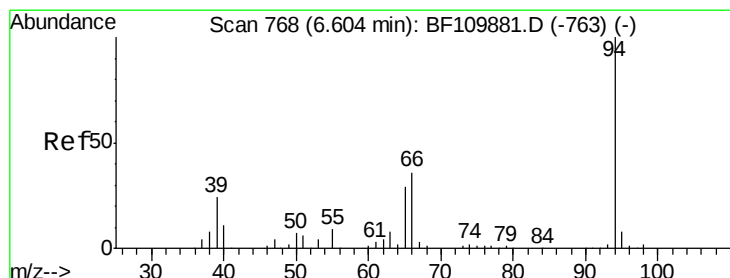
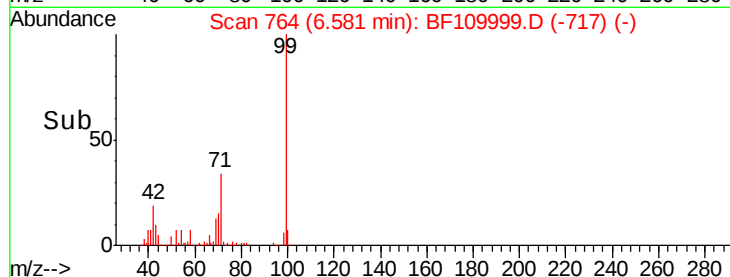
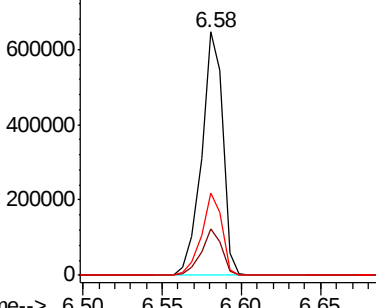
99 100

42 19.2 15.8 23.6

71 33.6 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: 3.372 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF109999.D

Acq: 19 Oct 2018 13:47

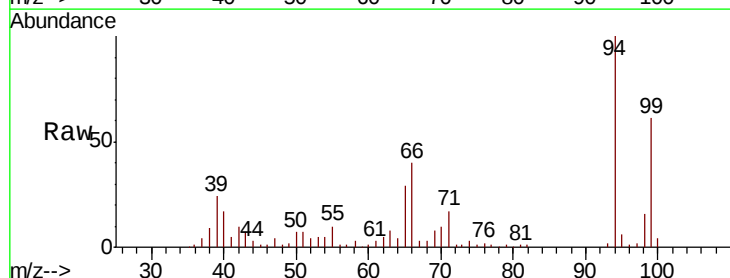
Tgt Ion: 94 Resp: 68936

Ion Ratio Lower Upper

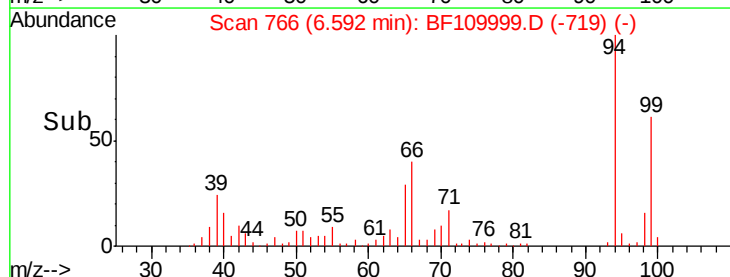
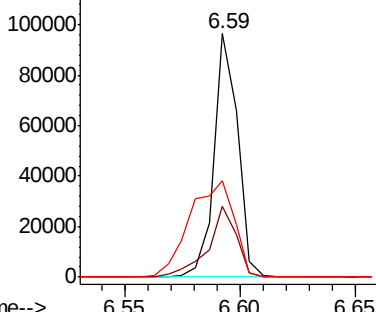
94 100

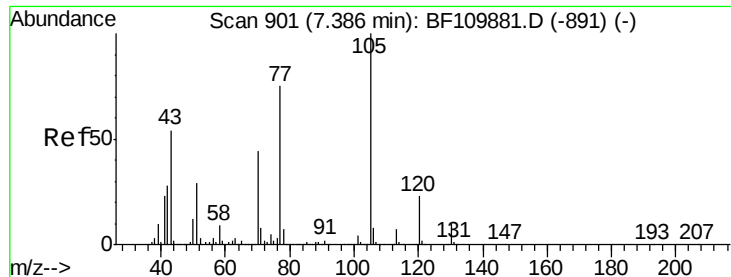
65 29.0 25.3 65.3

66 39.7 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

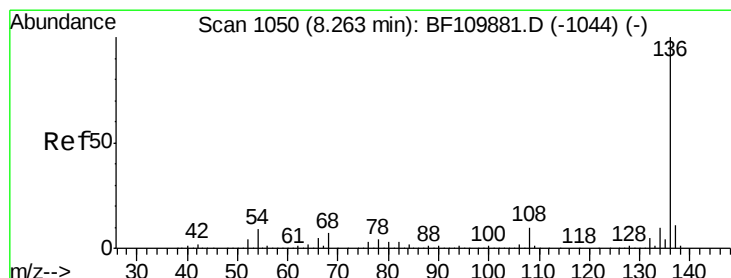
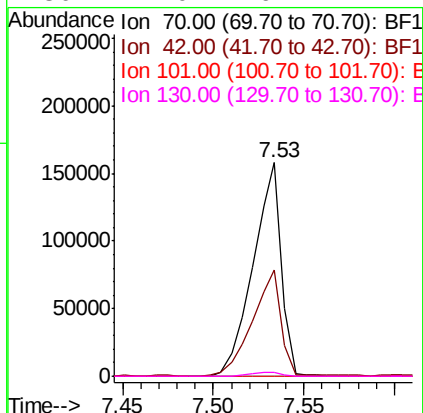
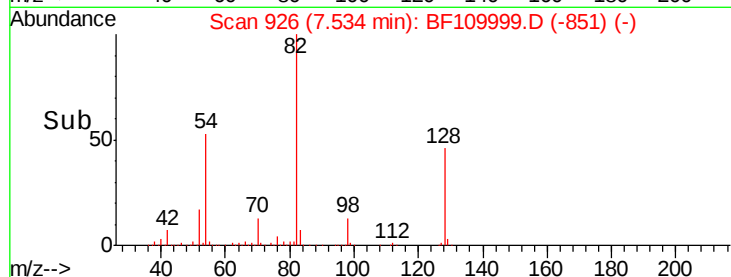
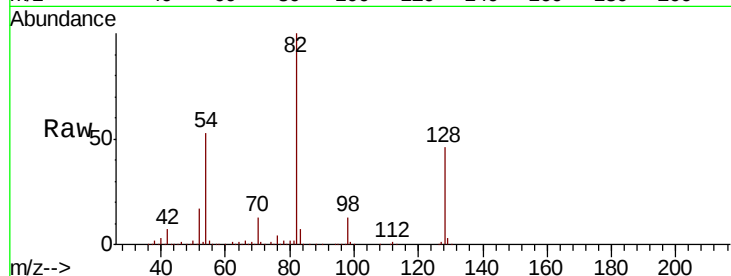




#19
n-Nitroso-di-n-propylamine
Concen: 13.990 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF109999.D
Acq: 19 Oct 2018 13:47

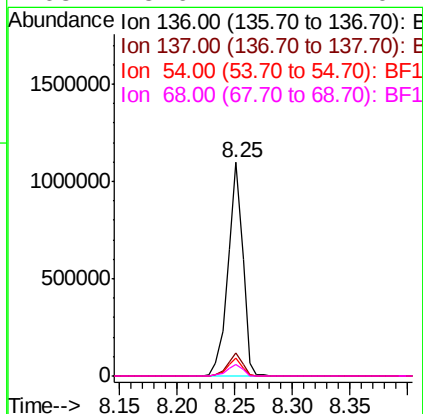
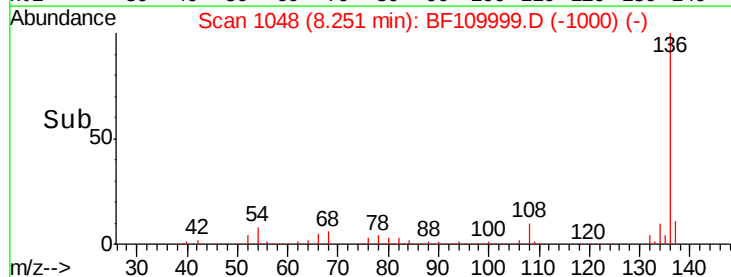
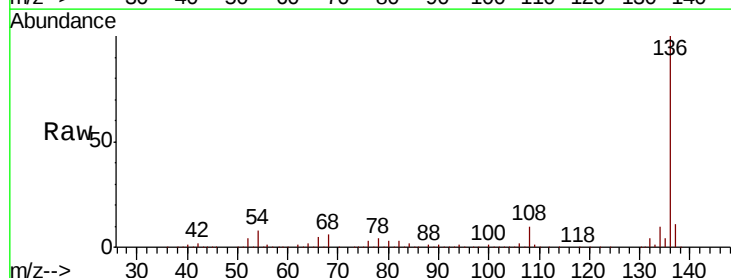
Instrument :
BNA_F
ClientSampled :

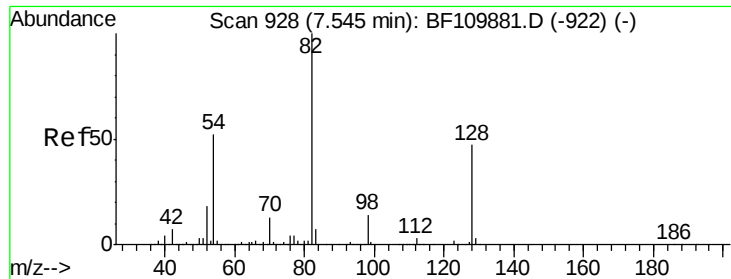
Tot Ion: 70 Resp: 170103
Ion Ratio Lower Upper
70 100
42 49.8 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF109999.D
Acq: 19 Oct 2018 13:47

Tgt Ion:136 Resp: 968030
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.5 5.4 8.2#
68 5.6 4.2 6.2



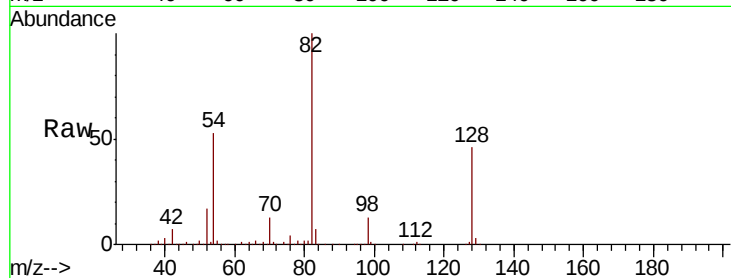


#23
 Nitrobenzene-d5
 Concen: 88.183 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF109999.D
 Acq: 19 Oct 2018 13:47

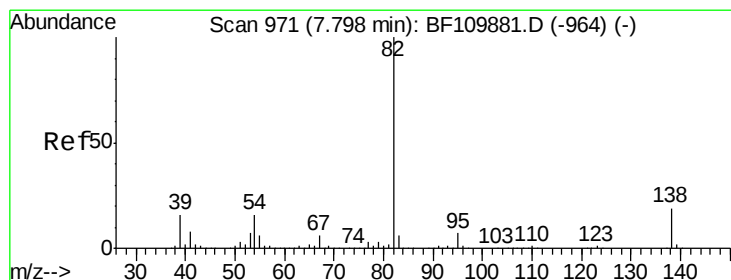
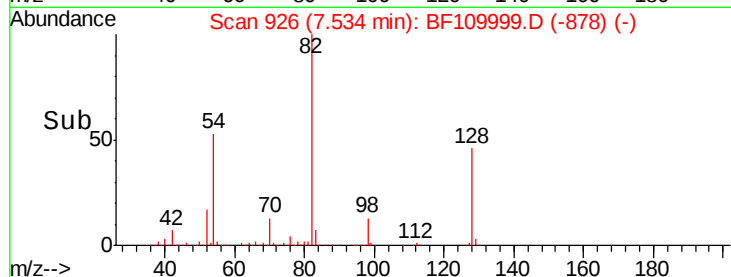
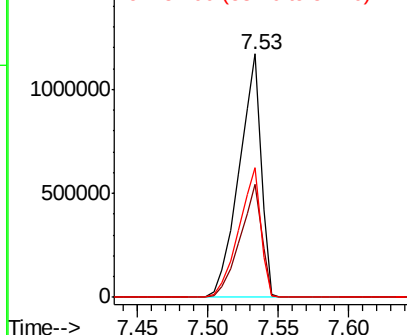
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1267210

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.2	51.2
54	53.3	38.6	58.0



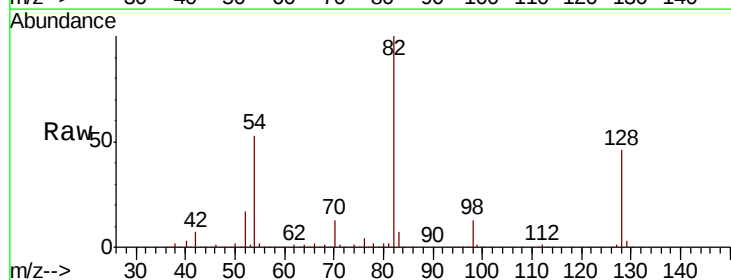
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



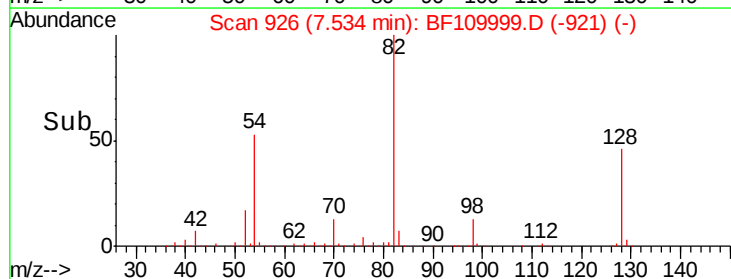
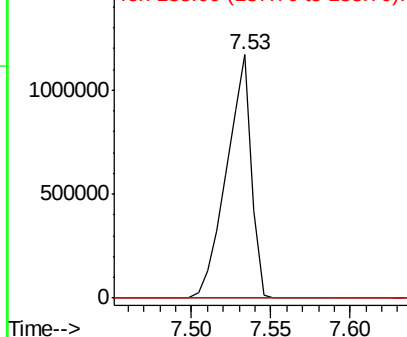
#25
 Isophorone
 Concen: 44.739 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.27 min
 Lab File: BF109999.D
 Acq: 19 Oct 2018 13:47

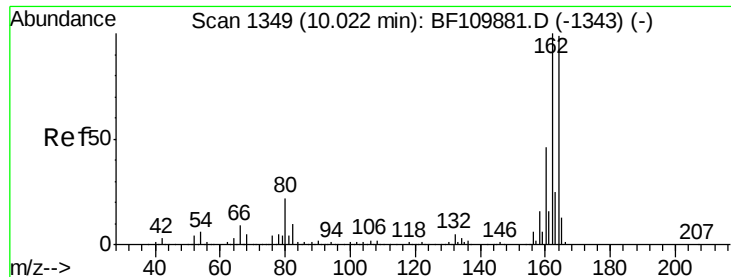
Tgt Ion: 82 Resp: 1263250

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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF109999.D

Acq: 19 Oct 2018 13:47

Instrument :

BNA_F

ClientSampleId :

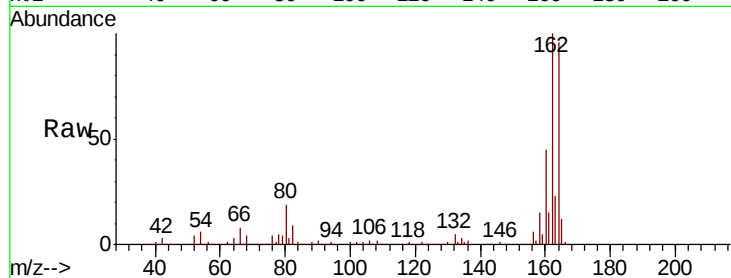
Tot Ion:164 Resp: 461196

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

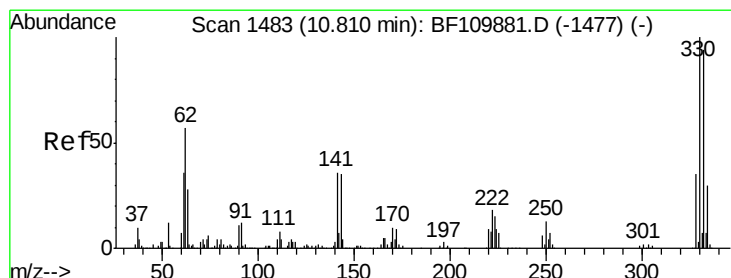
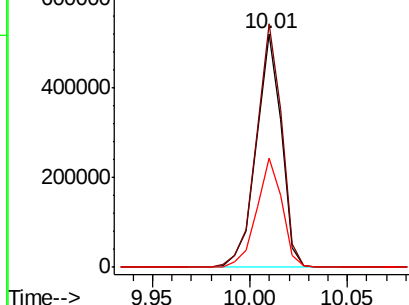
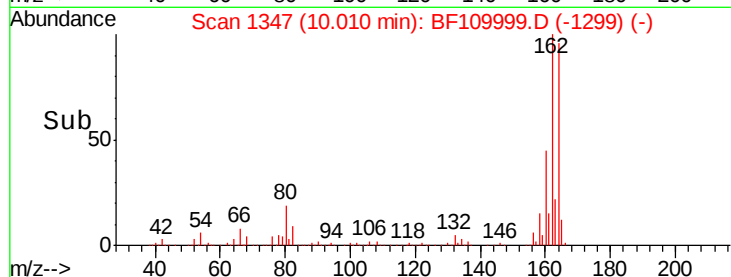
160 46.8 37.0 55.6



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: 117.437 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF109999.D

Acq: 19 Oct 2018 13:47

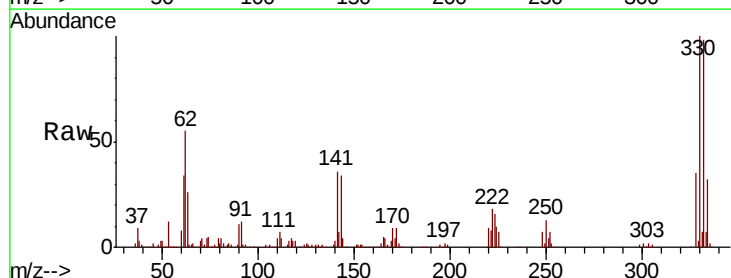
Tgt Ion:330 Resp: 468914

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

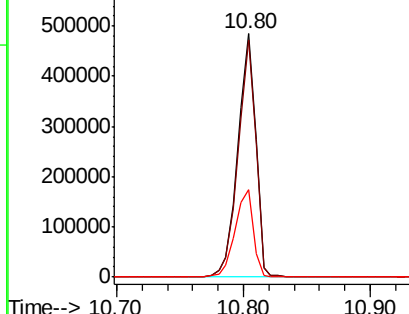
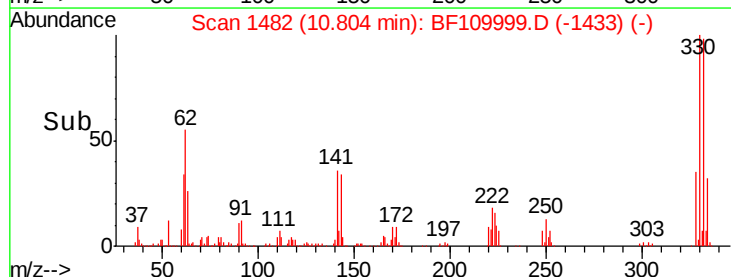
141 36.7 27.0 40.4

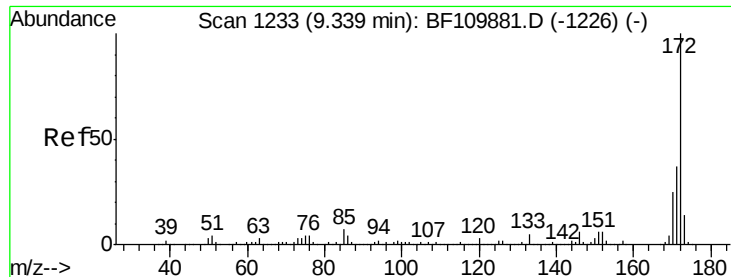


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

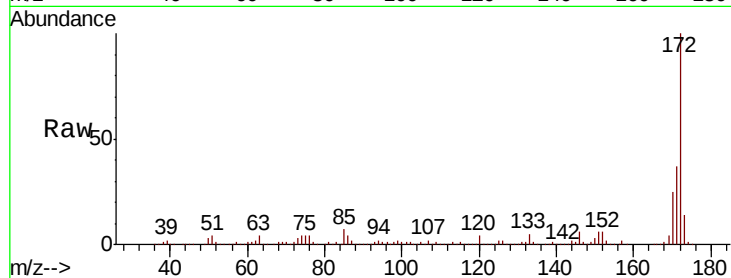




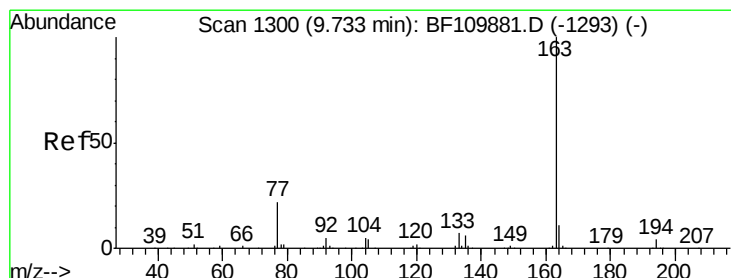
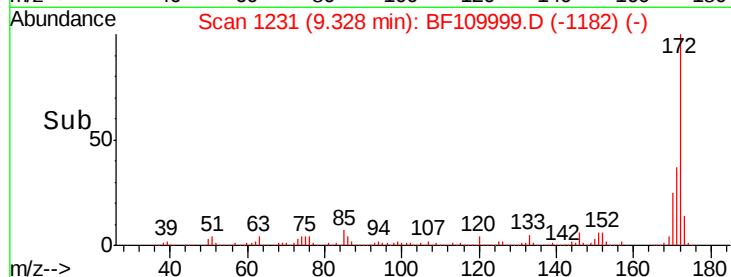
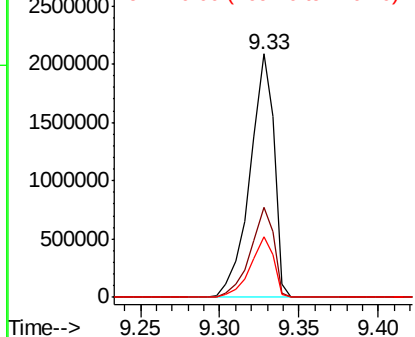
#45
2-Fluorobiphenyl
Concen: 76.125 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF109999.D
Acq: 19 Oct 2018 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2200250
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 24.8 19.7 29.5

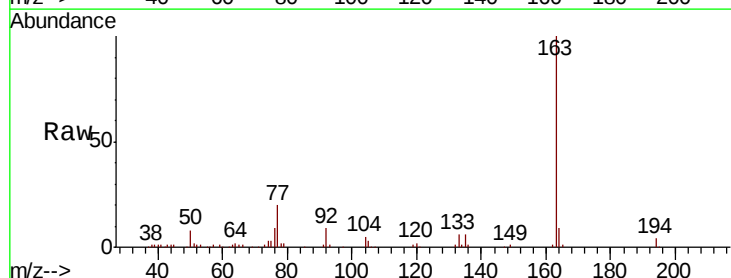


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

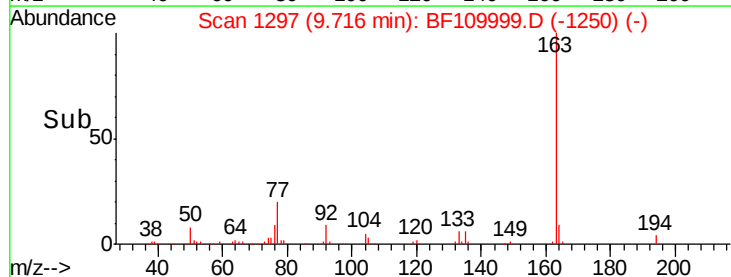
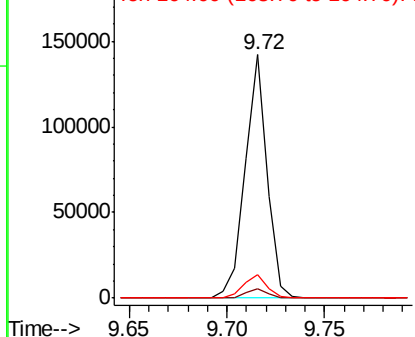


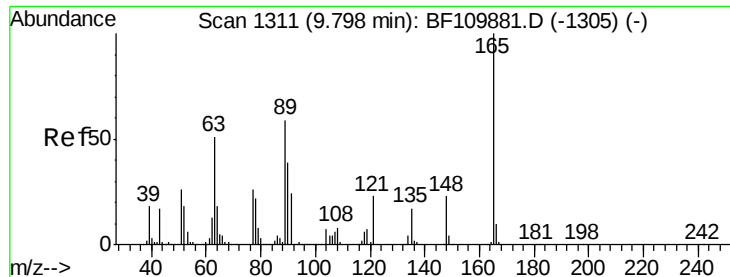
#50
Dimethylphthalate
Concen: 3.393 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF109999.D
Acq: 19 Oct 2018 13:47

Tgt Ion:163 Resp: 110811
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.4 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: 9.400 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF109999.D

Acq: 19 Oct 2018 13:47

Instrument :

BNA_F

ClientSampleId :

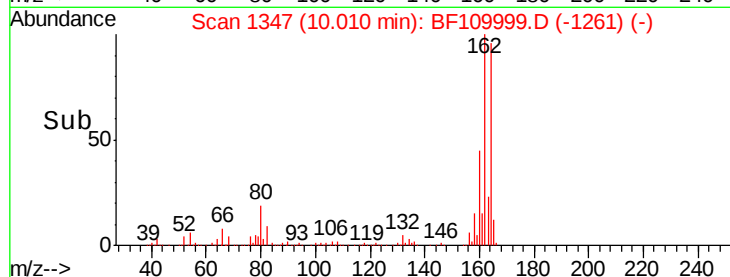
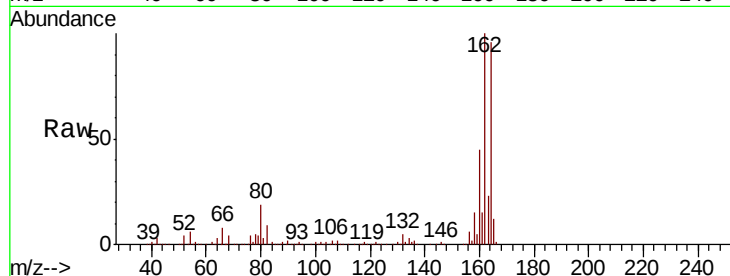
Tot Ion:165 Resp: 58307

Ion Ratio Lower Upper

165 100

63 1.7 48.9 73.3#

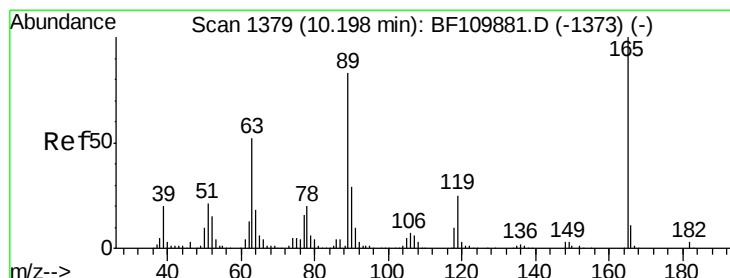
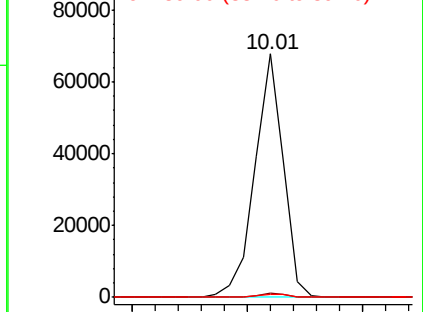
89 1.3 46.6 69.8#



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: 11.314 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.20 min

Lab File: BF109999.D

Acq: 19 Oct 2018 13:47

Tgt Ion:165 Resp: 58307

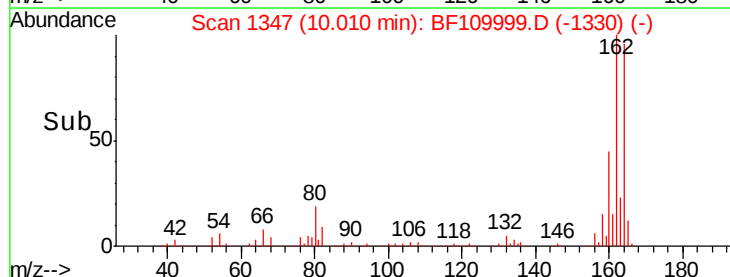
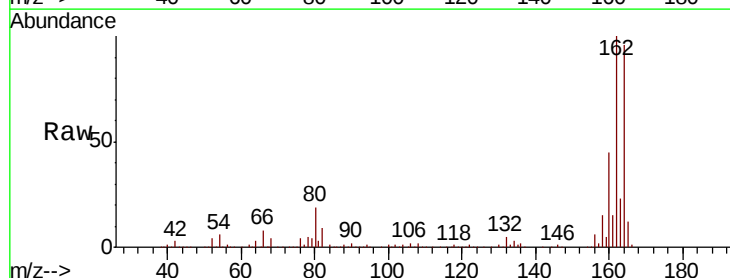
Ion Ratio Lower Upper

165 100

63 1.7 44.8 67.2#

89 1.3 62.2 93.4#

182 0.0 2.1 3.1#

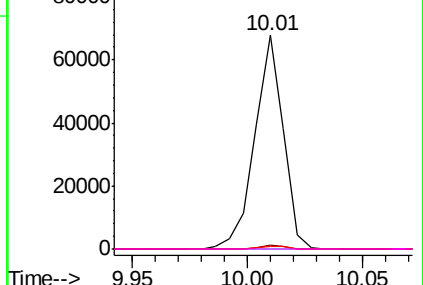


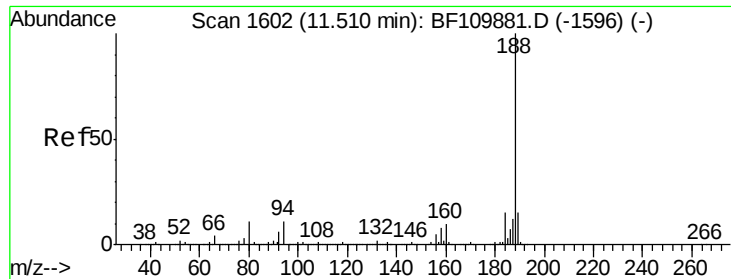
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF109999.D

Acq: 19 Oct 2018 13:47

Instrument :

BNA_F

ClientSampleId :

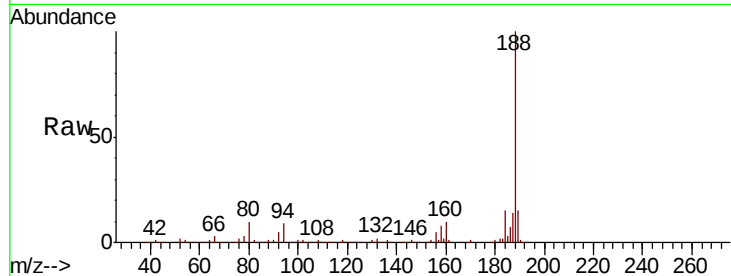
Tot Ion:188 Resp: 828893

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

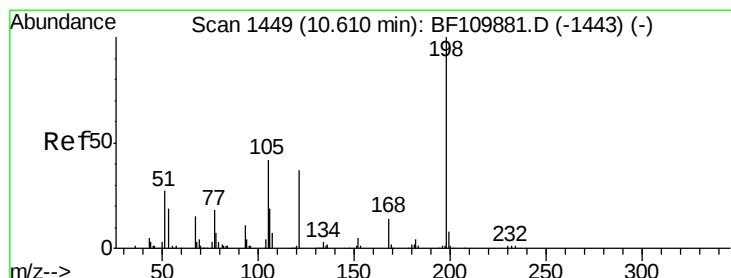
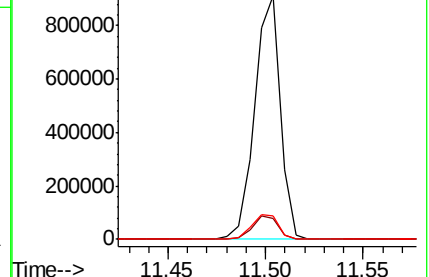
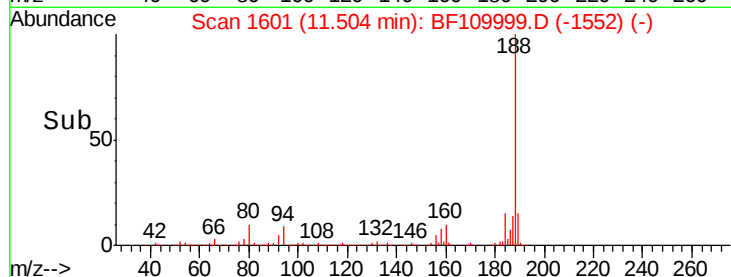
80 9.5 7.9 11.9



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: 8.153 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.18 min

Lab File: BF109999.D

Acq: 19 Oct 2018 13:47

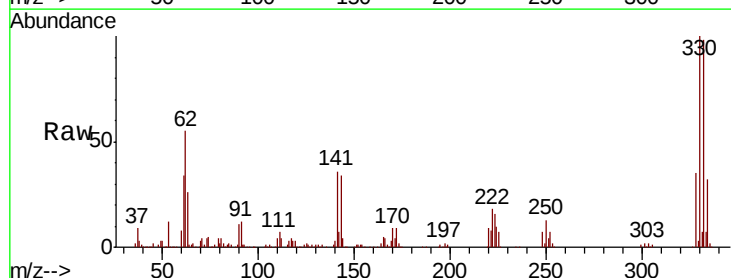
Tgt Ion:198 Resp: 894

Ion Ratio Lower Upper

198 100

51 190.8 22.8 62.8#

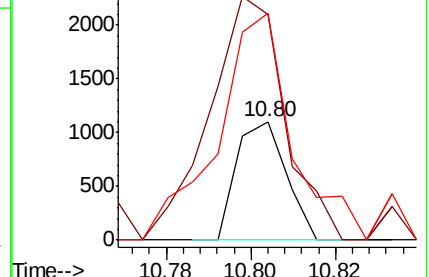
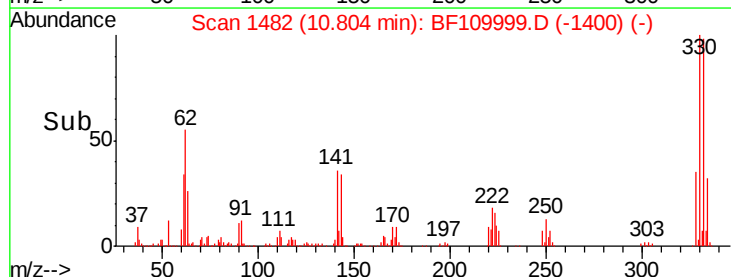
105 192.0 23.6 63.6#

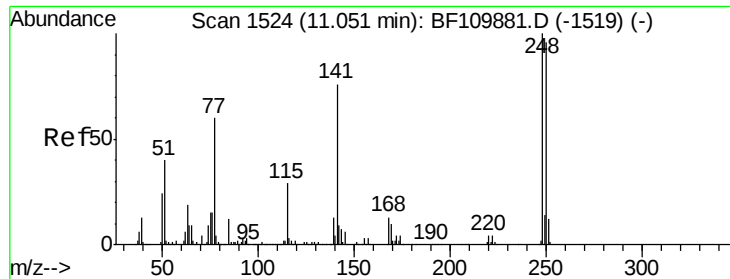


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

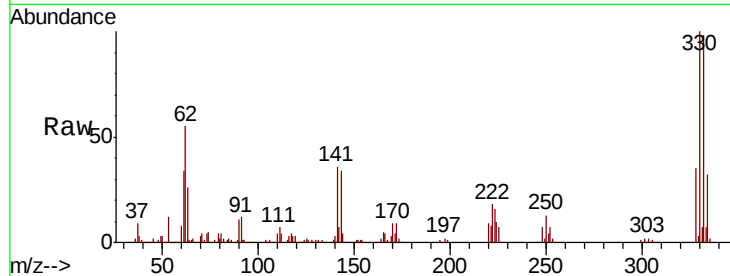




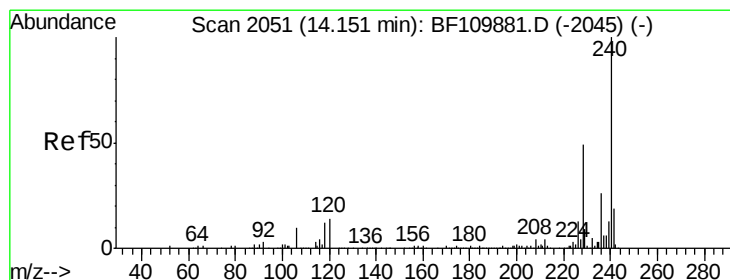
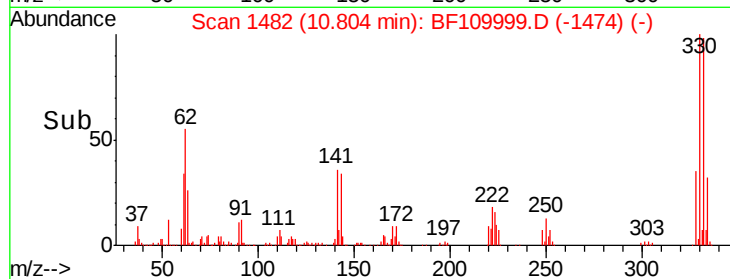
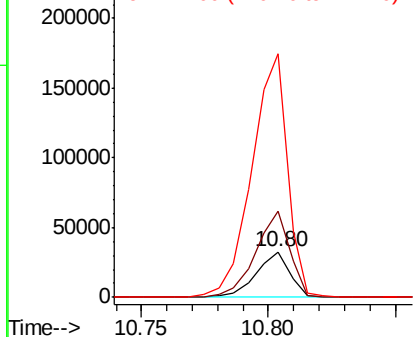
#67
4-Bromophenyl-phenylether
Concen: 3.369 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF109999.D
Acq: 19 Oct 2018 13:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 30263
Ion Ratio Lower Upper
248 100
250 188.4 79.4 119.2#
141 533.1 55.9 83.9#

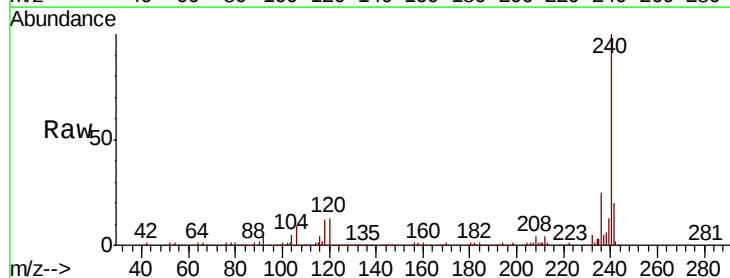


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

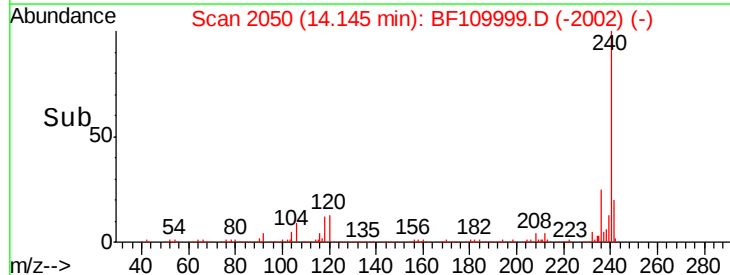
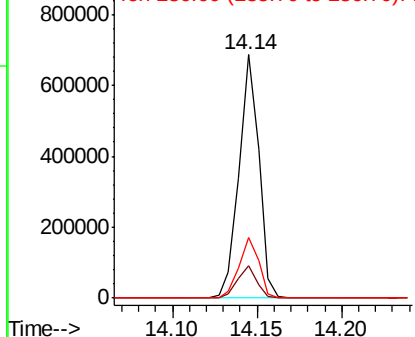


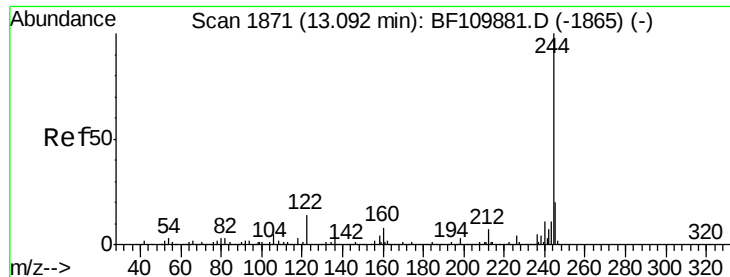
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF109999.D
Acq: 19 Oct 2018 13:47

Tgt Ion:240 Resp: 561140
Ion Ratio Lower Upper
240 100
120 13.1 8.3 12.5#
236 25.0 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

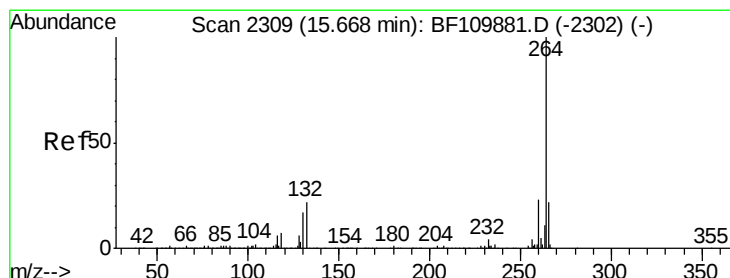
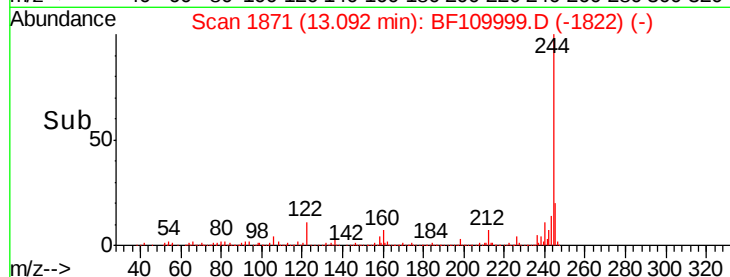
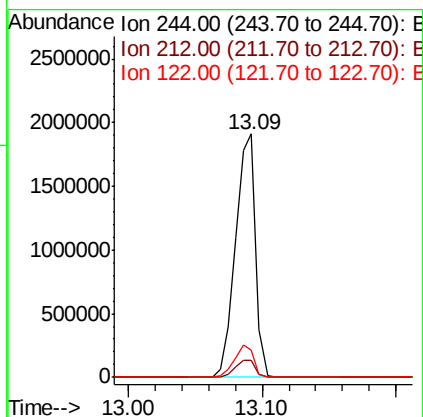
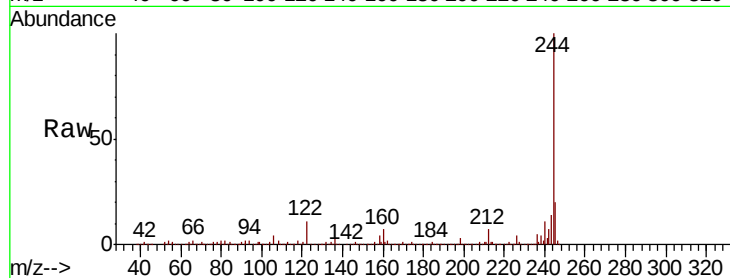




#79
 Terphenyl-d14
 Concen: 74.838 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF109999.D
 Acq: 19 Oct 2018 13:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1999824
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.3 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.02 min
 Lab File: BF109999.D
 Acq: 19 Oct 2018 13:47

Tgt Ion:264 Resp: 389768
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.2 16.7 25.1

