

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110009.D
 Acq On : 19 Oct 2018 18:15
 Operator : JU/SJ
 Sample : J5593-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 00:08:25 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

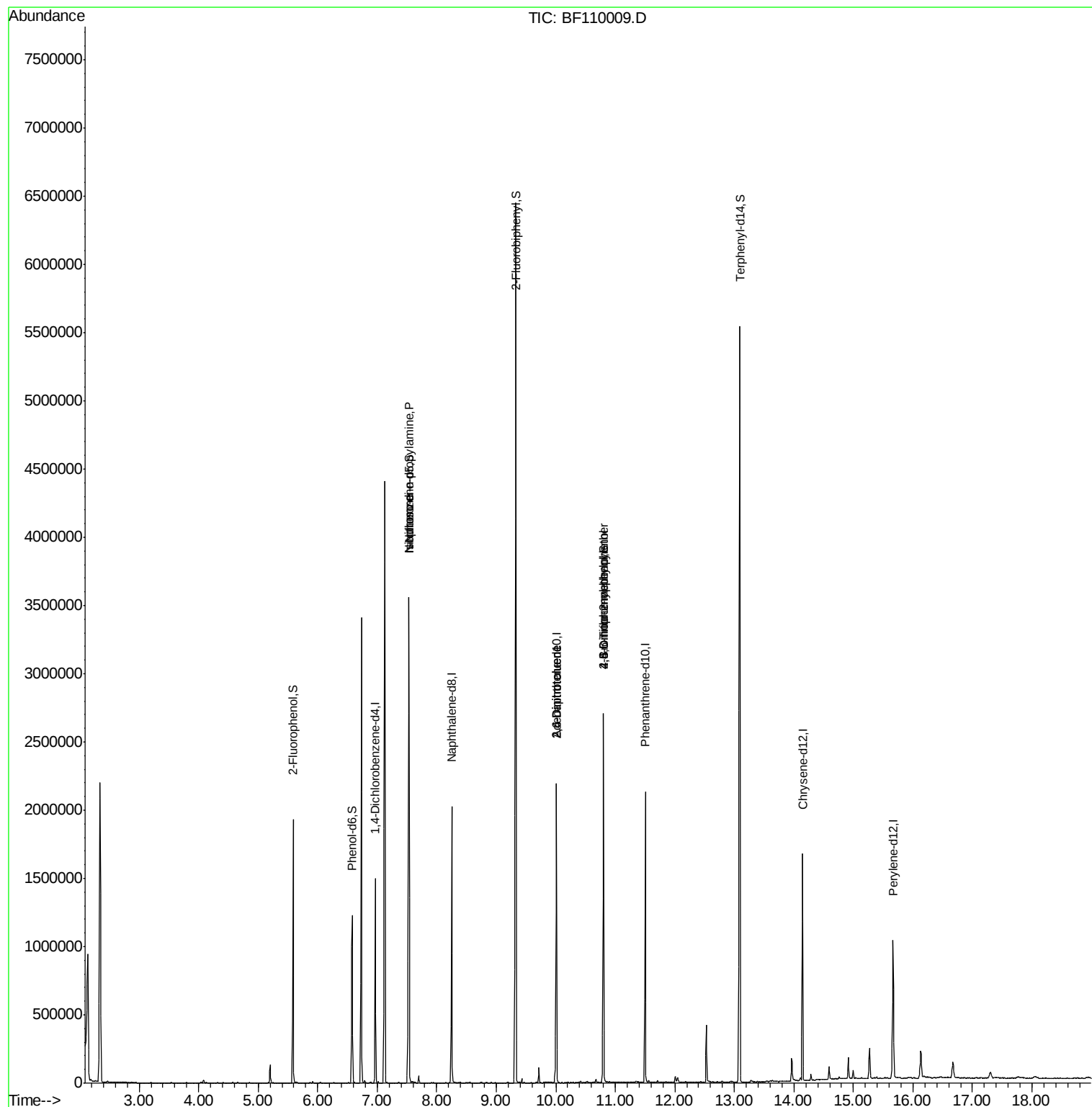
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	212459	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	885303	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	414607	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	754349	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	523142	20.00	ng	-0.02
87) Perylene-d12	15.67	264	369939	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	484888	36.18	ng	-0.01
7) Phenol-d6	6.58	99	375083	22.54	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1261973	96.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	310174	86.41	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2209831	85.05	ng	-0.01
79) Terphenyl-d14	13.09	244	1980459	79.50	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	172893	16.179	ng	# 79
25) Isophorone	7.53	82	1258438	48.733	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	53371	9.571	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	53371	11.437	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	674	8.110	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	19591	2.396	ng	# 1

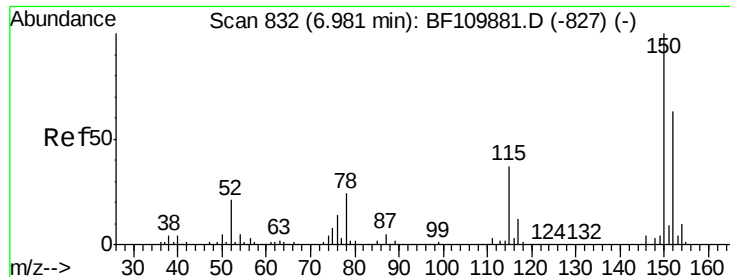
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampleId :

Quant Time: Oct 20 00:08:25 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



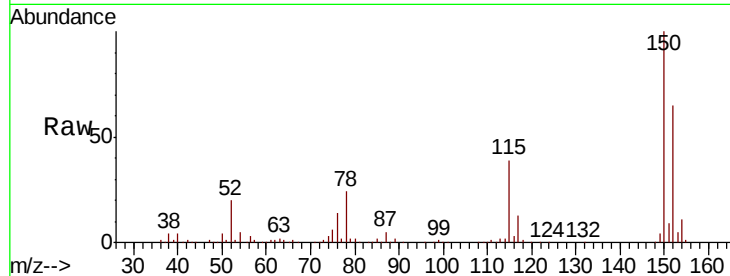


#1

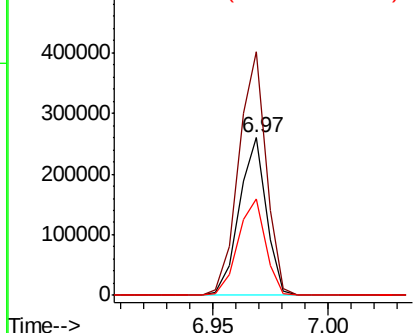
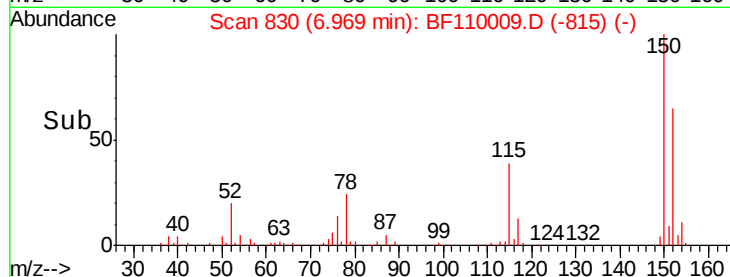
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110009.D
Acq: 19 Oct 2018 18:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 212459
Ion Ratio Lower Upper
152 100
150 154.5 122.7 184.1
115 60.8 49.1 73.7



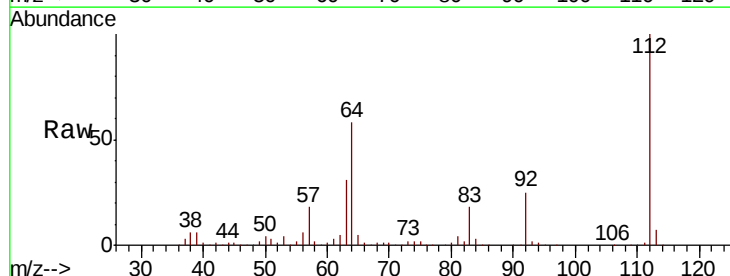
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



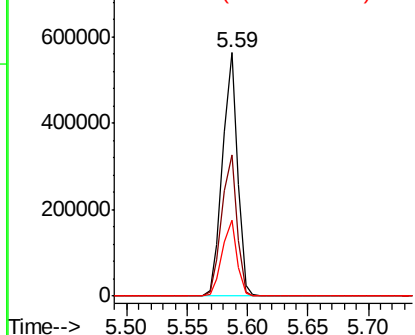
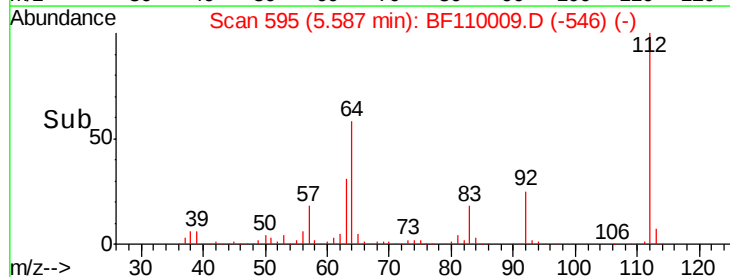
#5

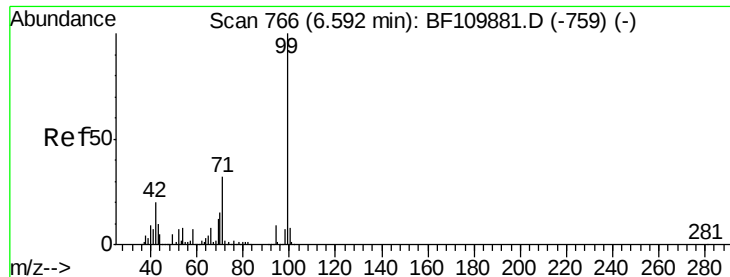
2-Fluorophenol
Concen: 36.177 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110009.D
Acq: 19 Oct 2018 18:15

Tgt Ion:112 Resp: 484888
Ion Ratio Lower Upper
112 100
64 58.1 44.1 66.1
63 31.3 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: 22.537 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110009.D

Acq: 19 Oct 2018 18:15

Instrument :

BNA_F

ClientSampleId :

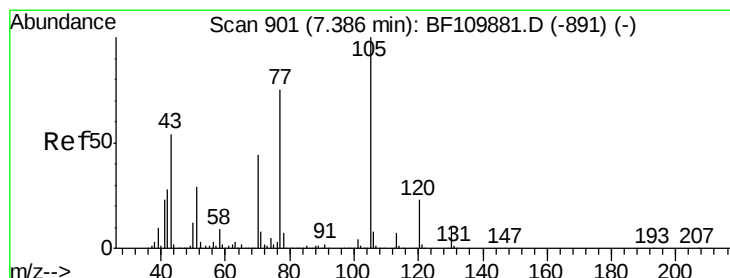
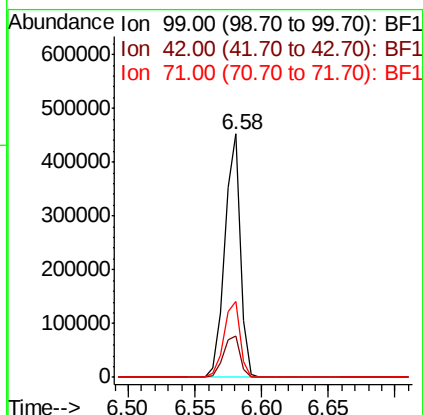
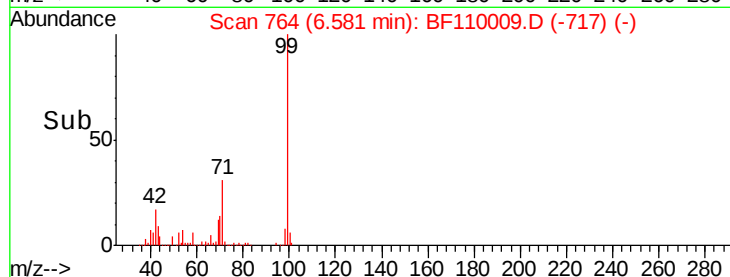
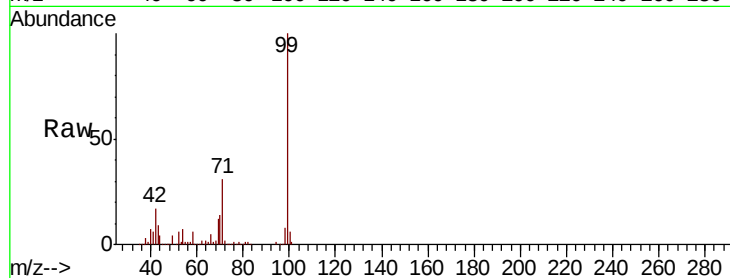
Tot Ion: 99 Resp: 375083

Ion Ratio Lower Upper

99 100

42 17.0 15.8 23.6

71 31.4 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.179 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF110009.D

Acq: 19 Oct 2018 18:15

Tgt Ion: 70 Resp: 172893

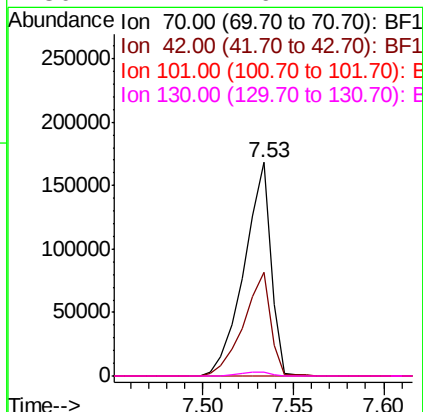
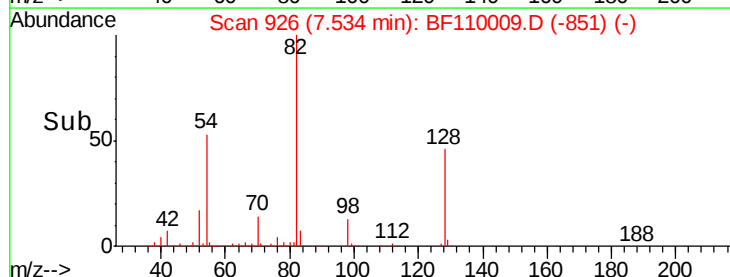
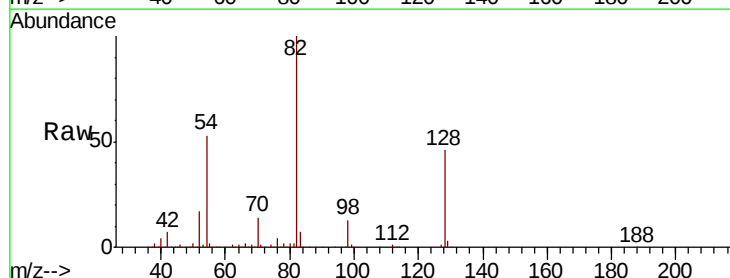
Ion Ratio Lower Upper

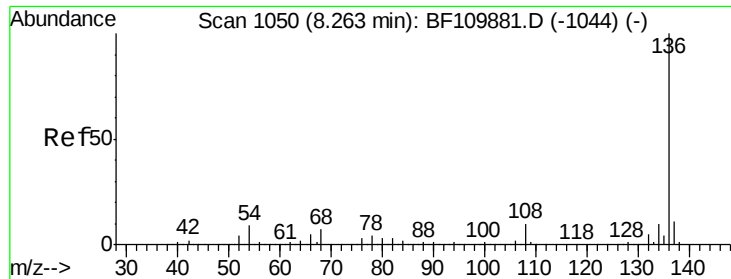
70 100

42 48.5 47.4 71.2

101 0.0 7.3 10.9#

130 2.1 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: BF110009.D

Acq: 19 Oct 2018 18:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 885303

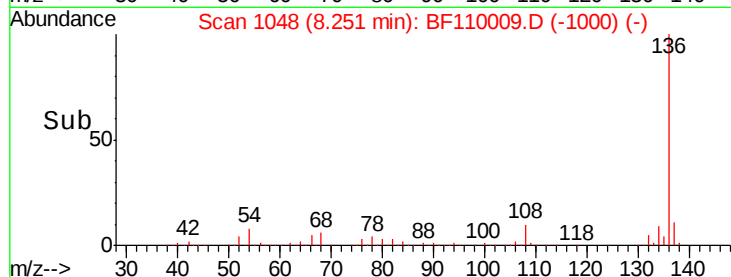
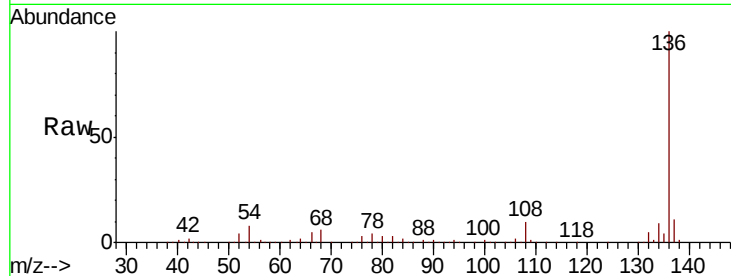
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.1 5.4 8.2

68 5.6 4.2 6.2

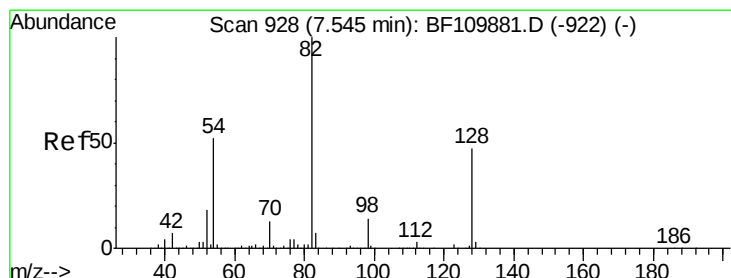
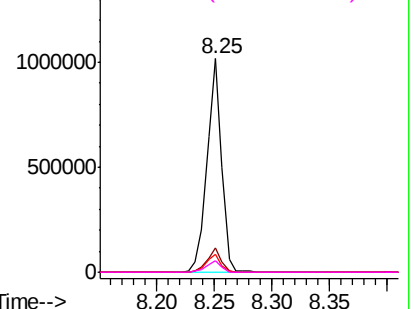


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.025 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF110009.D

Acq: 19 Oct 2018 18:15

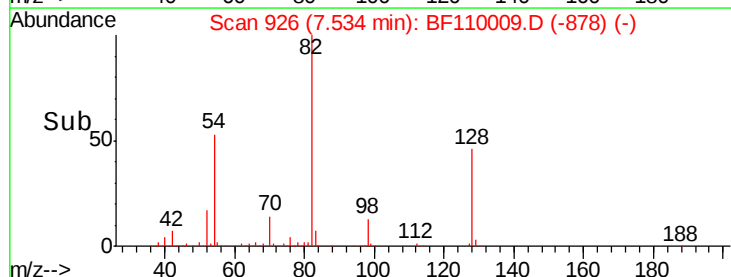
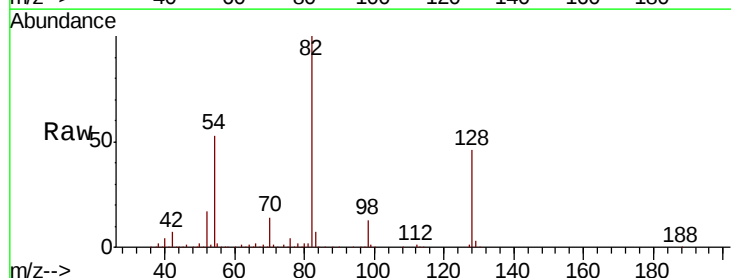
Tgt Ion: 82 Resp: 1261973

Ion Ratio Lower Upper

82 100

128 45.7 34.2 51.2

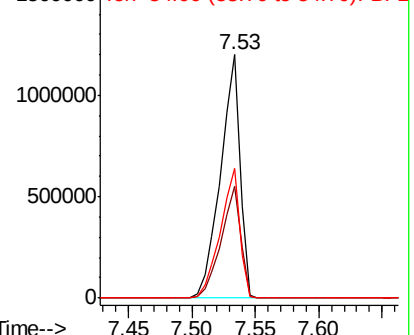
54 53.2 38.6 58.0

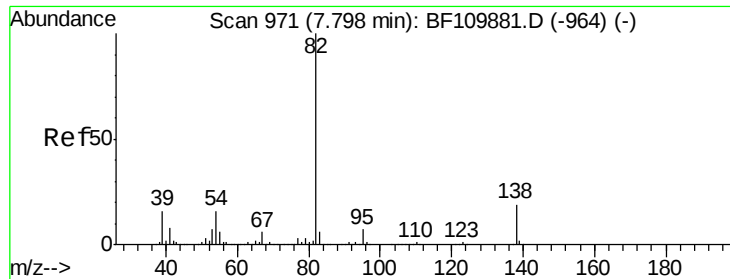


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

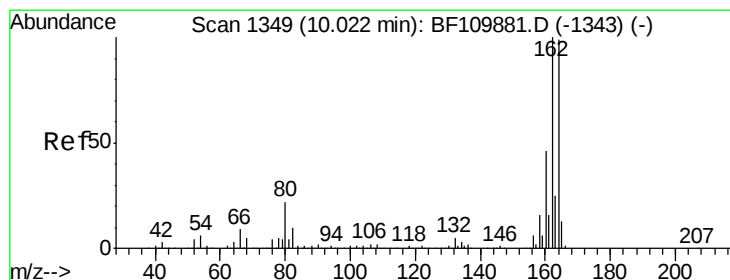
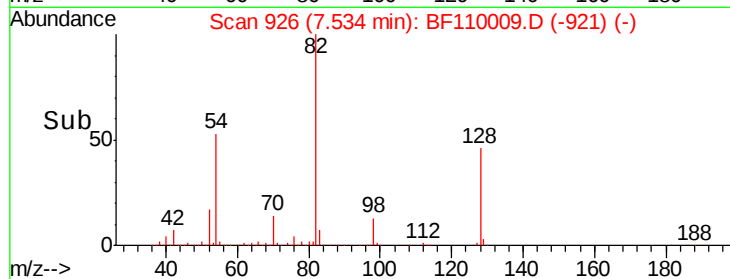
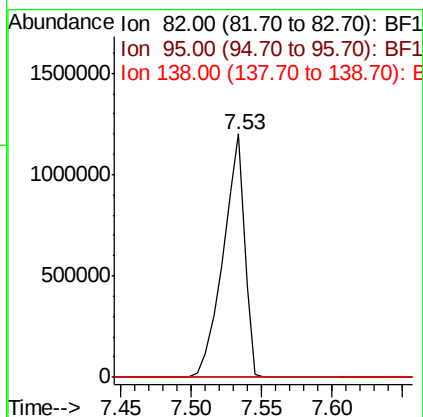
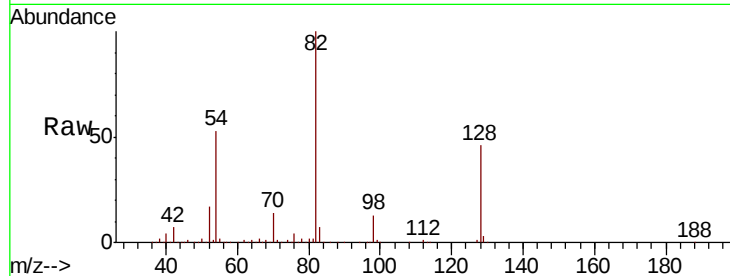




#25
Isophorone
Concen: 48.733 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110009.D
Acq: 19 Oct 2018 18:15

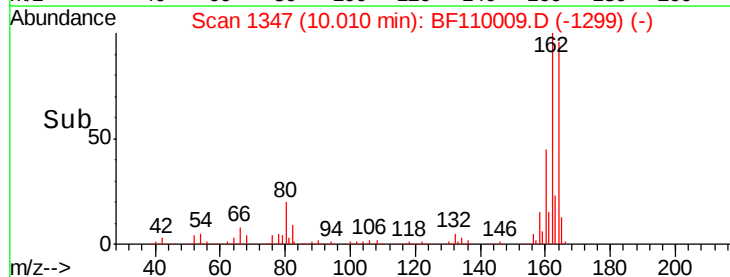
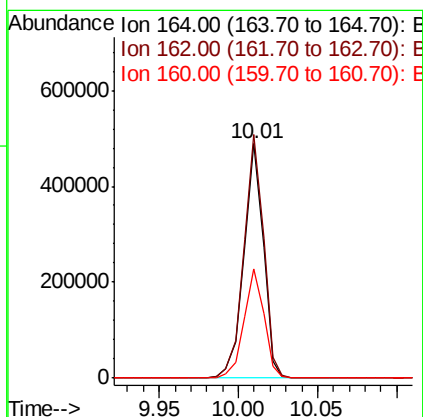
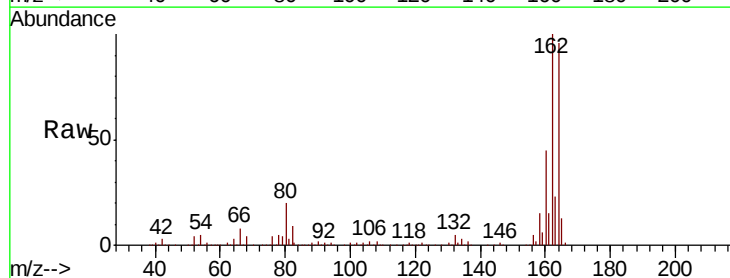
Instrument :
BNA_F
ClientSampleId :

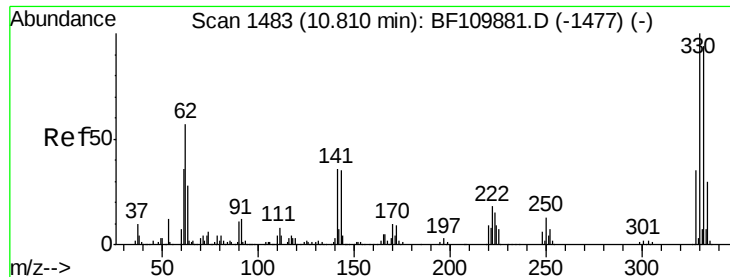
Tot Ion: 82 Resp: 1258438
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110009.D
Acq: 19 Oct 2018 18:15

Tgt Ion: 164 Resp: 414607
Ion Ratio Lower Upper
164 100
162 104.0 83.0 124.6
160 46.4 37.0 55.6

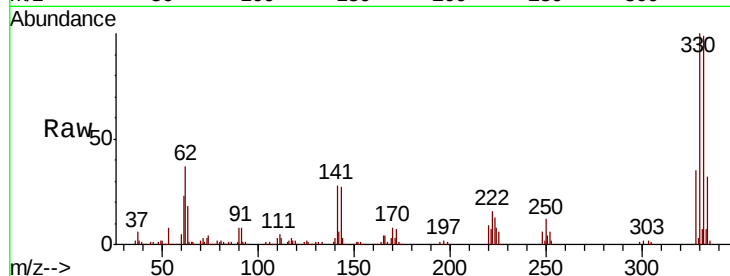




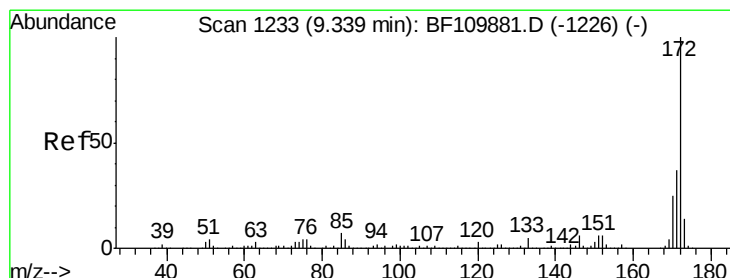
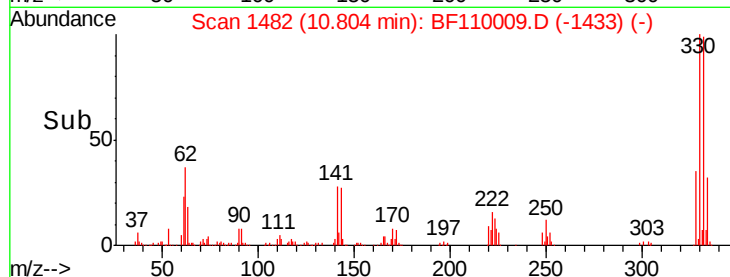
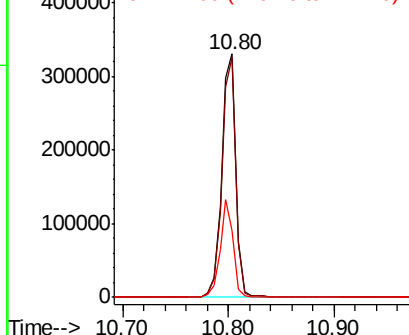
#42
 2,4,6-Tribromophenol
 Concen: 86.410 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110009.D
 Acq: 19 Oct 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 310174
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.1 115.7
 141 37.1 27.0 40.4

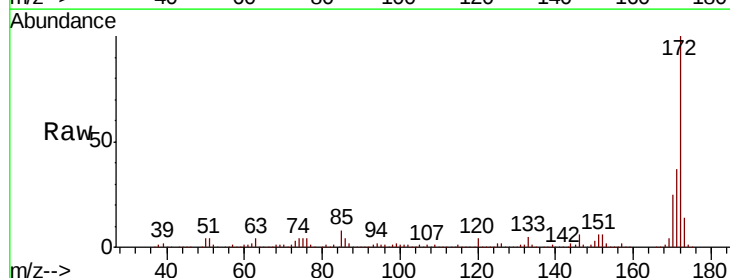


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

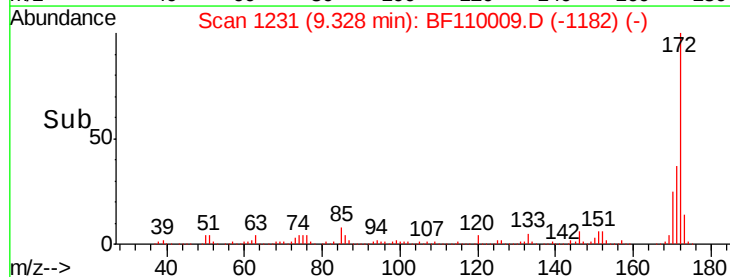
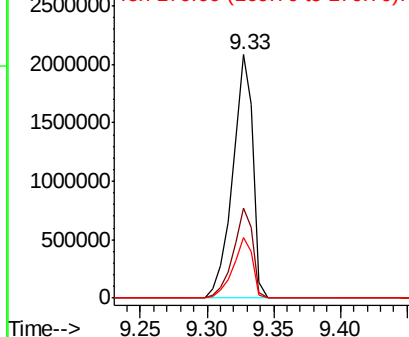


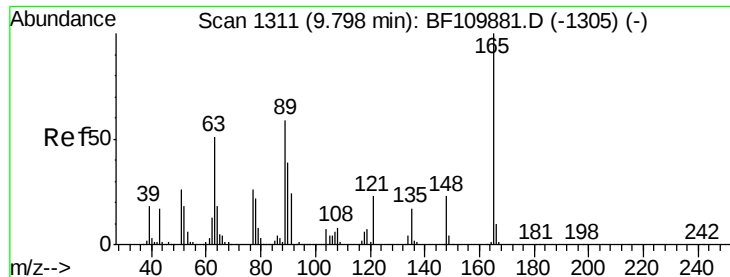
#45
 2-Fluorobiphenyl
 Concen: 85.047 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110009.D
 Acq: 19 Oct 2018 18:15

Tgt Ion:172 Resp: 2209831
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.6 43.0
 170 24.9 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

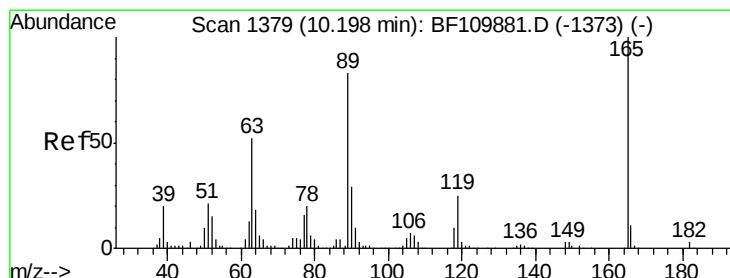
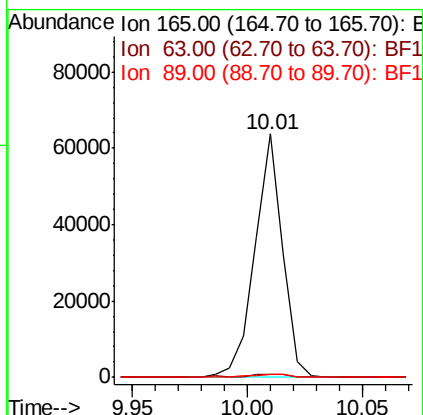
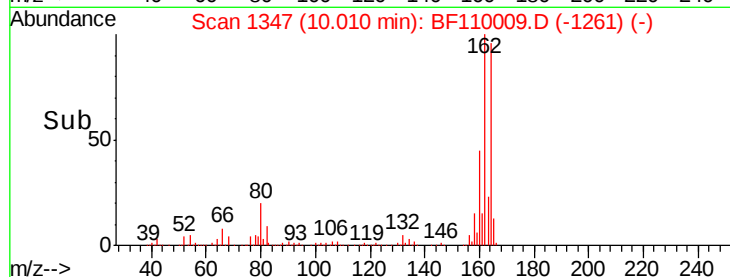
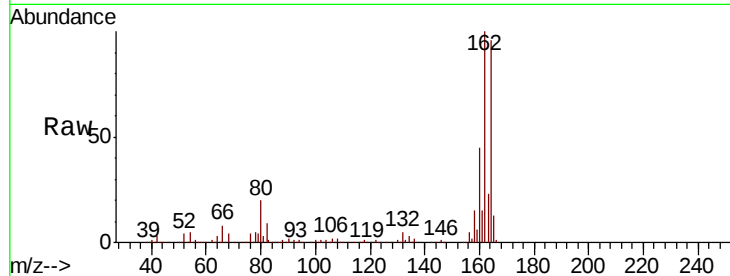




#51
2,6-Dinitrotoluene
Concen: 9.571 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110009.D
Acq: 19 Oct 2018 18:15

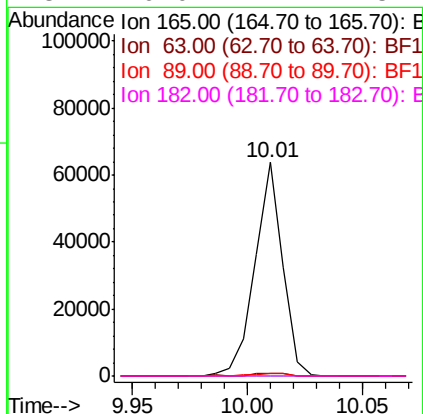
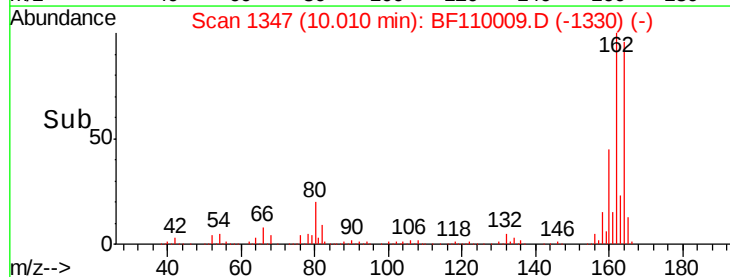
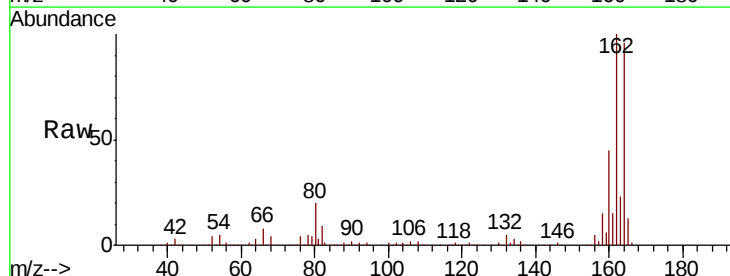
Instrument :
BNA_F
ClientSampleId :

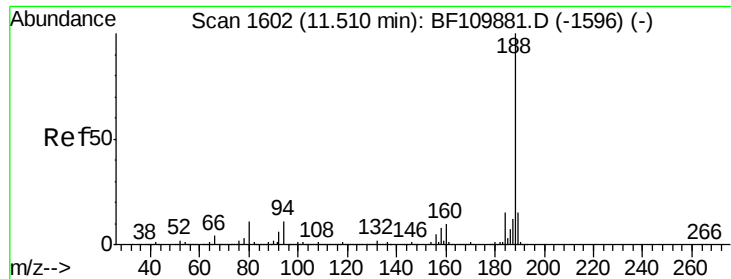
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	48.9	73.3#
89	1.3	46.6	69.8#



#57
2,4-Dinitrotoluene
Concen: 11.437 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110009.D
Acq: 19 Oct 2018 18:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110009.D

Acq: 19 Oct 2018 18:15

Instrument :

BNA_F

ClientSampleId :

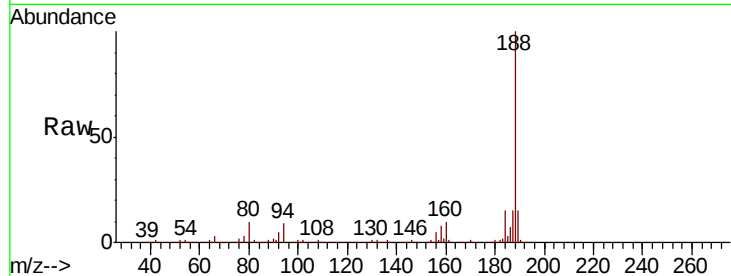
Tot Ion:188 Resp: 754349

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

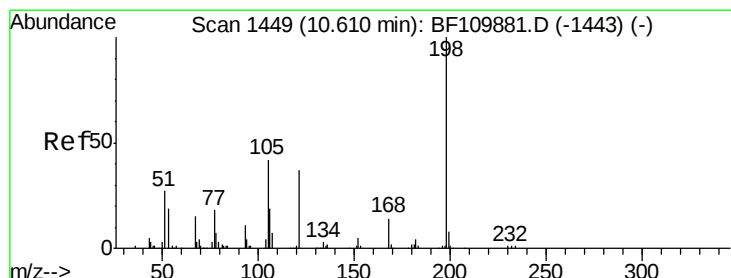
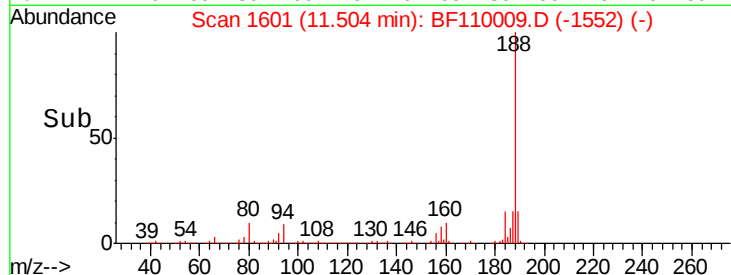
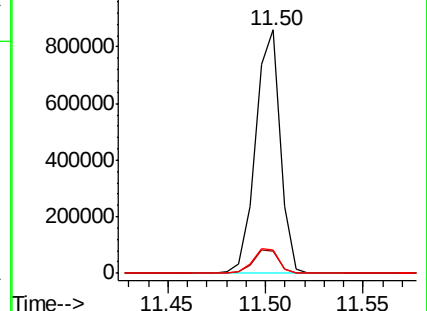
80 9.7 7.9 11.9



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: 8.110 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.18 min

Lab File: BF110009.D

Acq: 19 Oct 2018 18:15

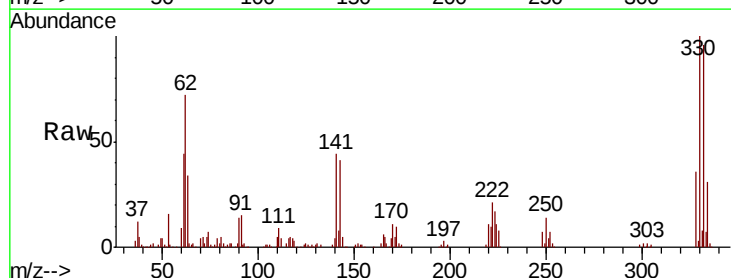
Tgt Ion:198 Resp: 674

Ion Ratio Lower Upper

198 100

51 219.4 22.8 62.8#

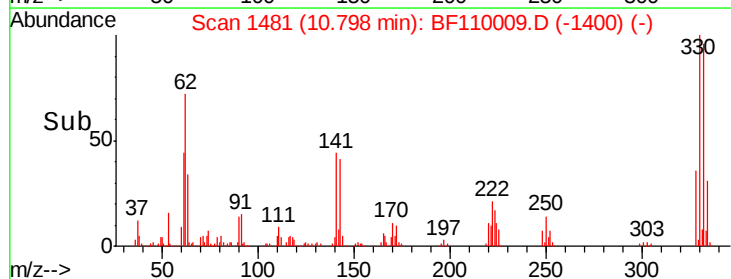
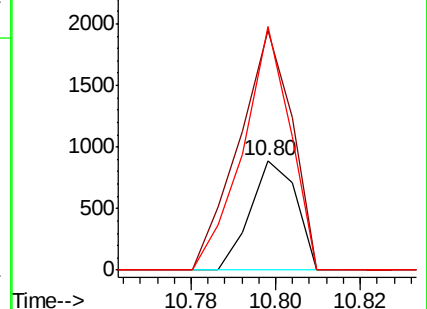
105 222.2 23.6 63.6#

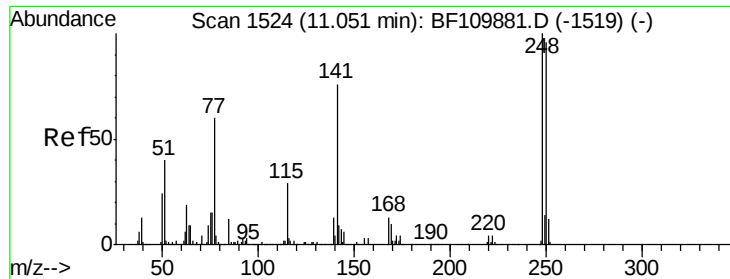


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

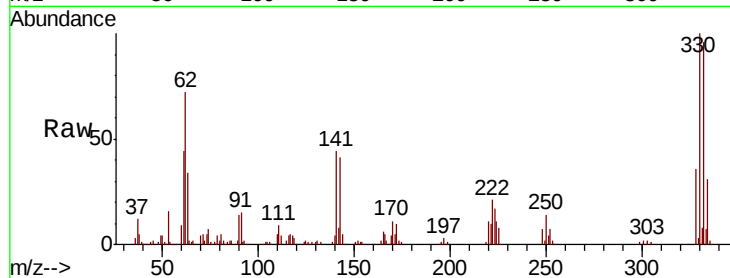




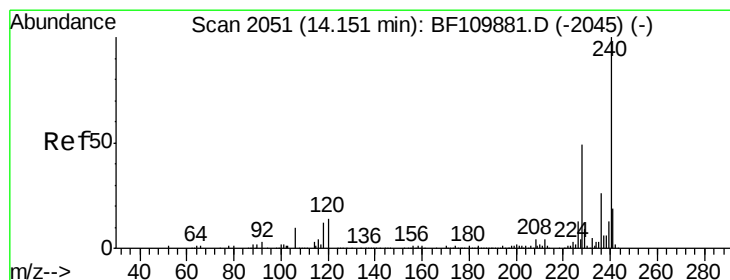
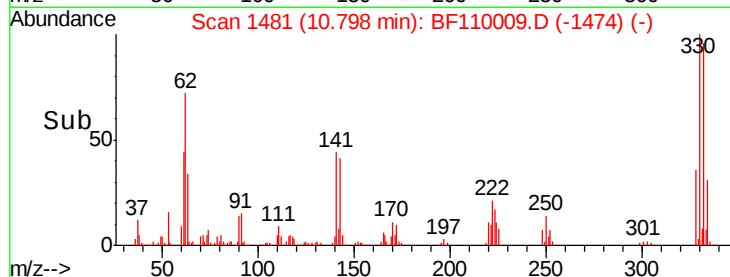
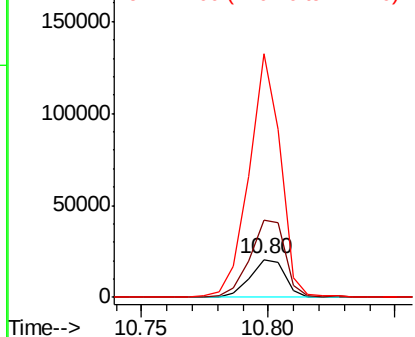
#67
 4-Bromophenyl-phenylether
 Concen: 2.396 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.26 min
 Lab File: BF110009.D
 Acq: 19 Oct 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 19591
 Ion Ratio Lower Upper
 248 100
 250 204.3 79.4 119.2#
 141 645.1 55.9 83.9#

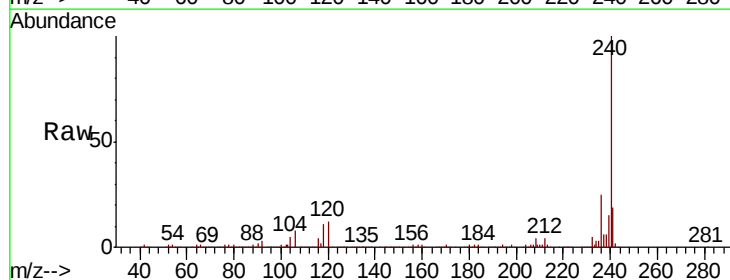


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

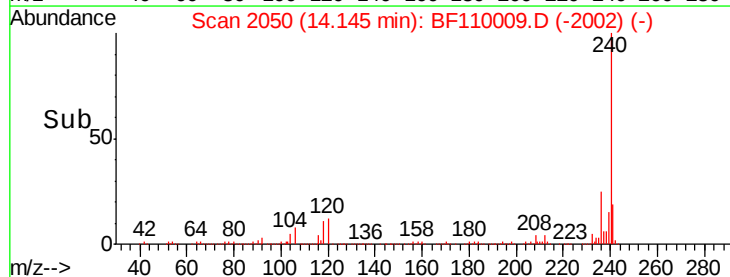
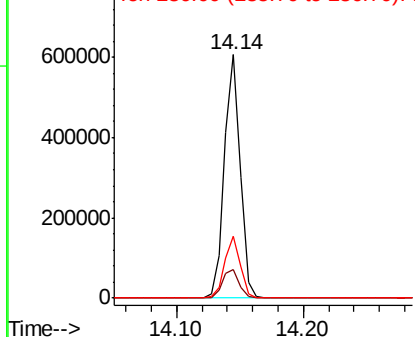


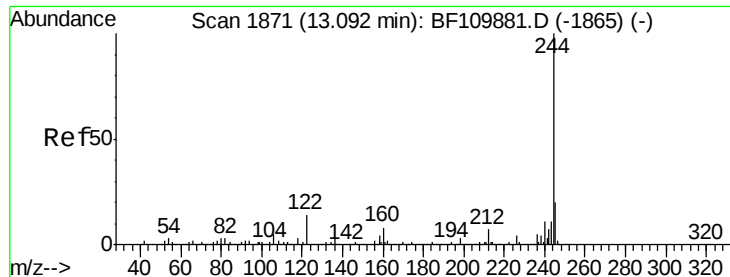
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BF110009.D
 Acq: 19 Oct 2018 18:15

Tgt Ion:240 Resp: 523142
 Ion Ratio Lower Upper
 240 100
 120 11.8 8.3 12.5
 236 25.5 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



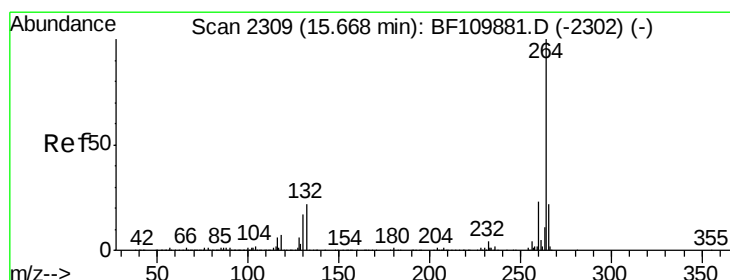
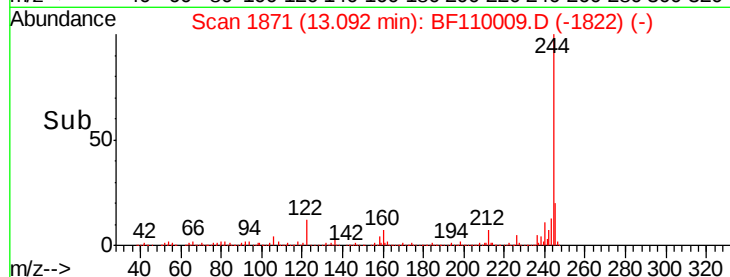
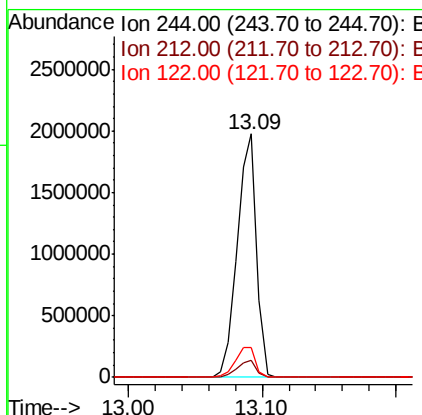
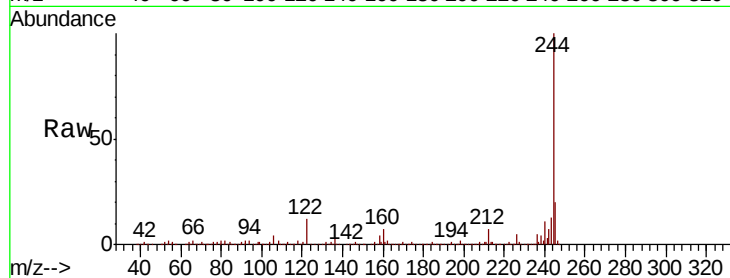


#79
 Terphenyl-d14
 Concen: 79.497 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110009.D
 Acq: 19 Oct 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1980459

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.0	8.7	13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BF110009.D
 Acq: 19 Oct 2018 18:15

Tgt Ion:264 Resp: 369939

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.4	16.7	25.1

