

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109948.D
 Acq On : 18 Oct 2018 3:58
 Operator : JU/SJ
 Sample : J5543-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 10:44:38 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

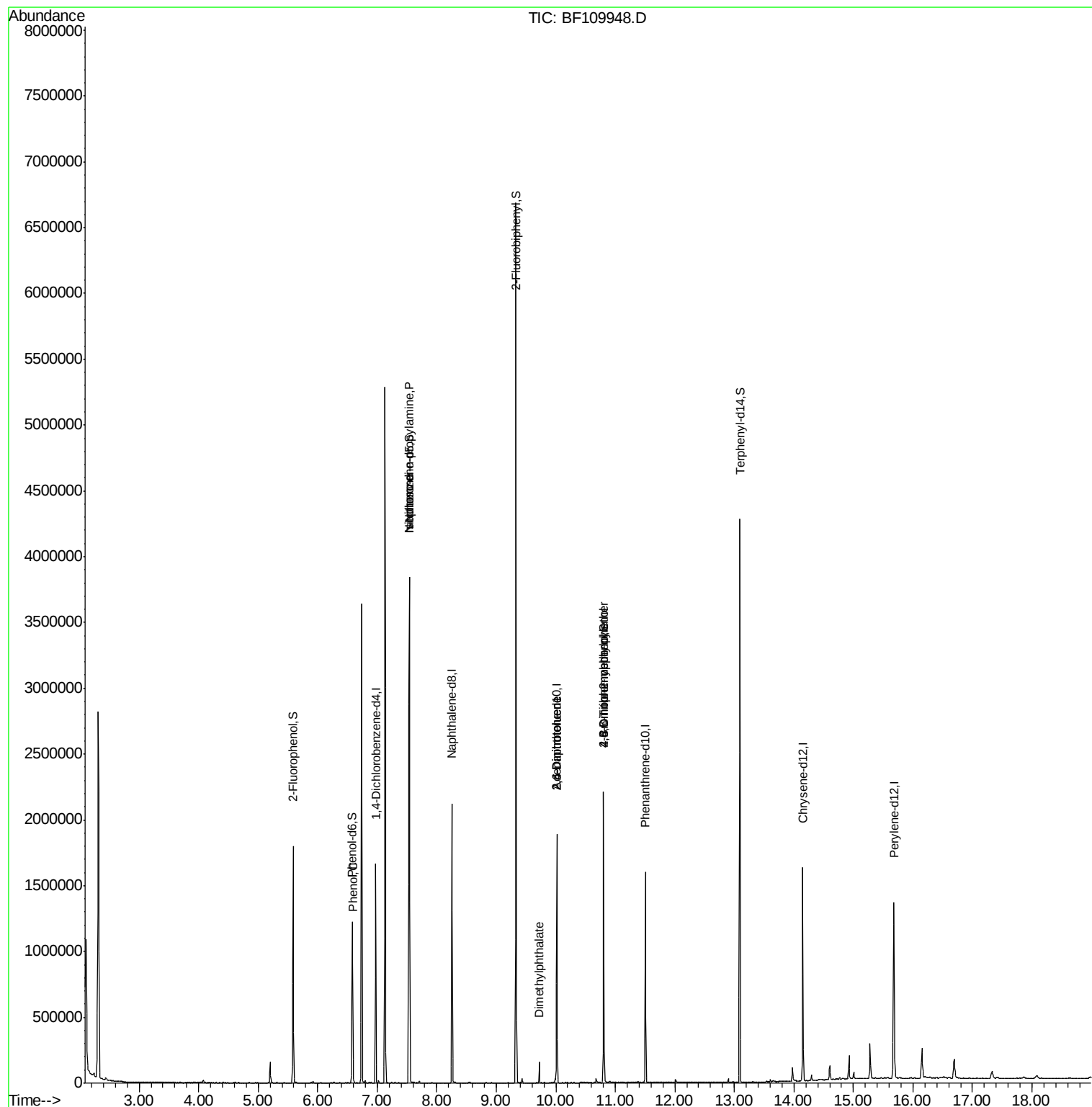
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	219249	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	836962	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	348369	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	535256	20.00	ng	0.00
76) Chrysene-d12	14.15	240	518311	20.00	ng	-0.01
87) Perylene-d12	15.68	264	525870	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	503418	36.40	ng	0.00
7) Phenol-d6	6.58	99	363766	21.18	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1210782	97.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.80	330	241023	79.91	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2086971	95.59	ng	0.00
79) Terphenyl-d14	13.09	244	1379693	55.90	ng	-0.01
Target Compounds						
10) Phenol	6.59	94	54977	2.965	ng	# 67
19) n-Nitroso-di-n-propylamine	7.54	70	161630	14.657	ng	# 79
25) Isophorone	7.54	82	1210771	49.596	ng	# 67
50) Dimethylphthalate	9.72	163	53344	2.163	ng	# 99
51) 2,6-Dinitrotoluene	10.02	165	43719	9.331	ng	# 23
57) 2,4-Dinitrotoluene	10.02	165	43719	11.265	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	501	8.120	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	15741	2.714	ng	# 1

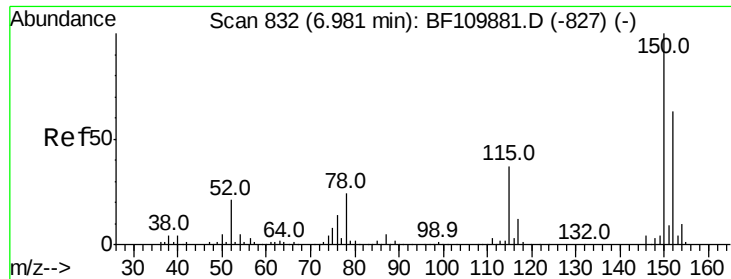
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109948.D
Acq On : 18 Oct 2018 3:58
Operator : JU/SJ
Sample : J5543-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 18 10:44:38 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



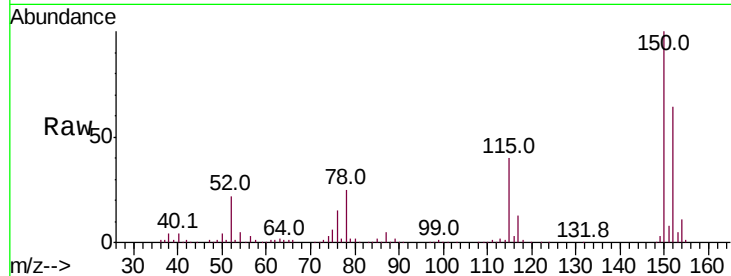


#1

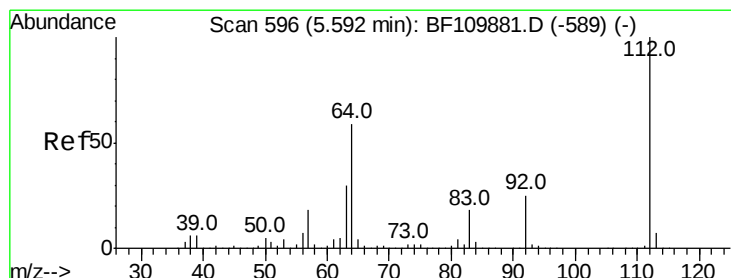
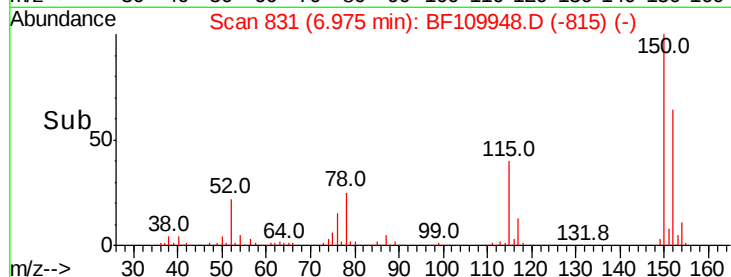
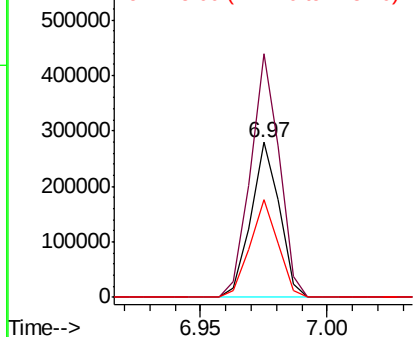
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109948.D
Acq: 18 Oct 2018 3:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 219249
Ion Ratio Lower Upper
152 100
150 156.9 122.7 184.1
115 62.7 49.1 73.7



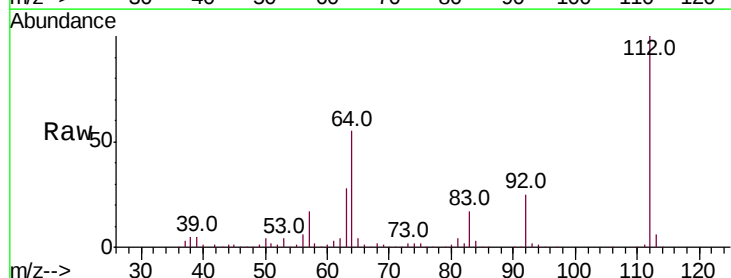
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



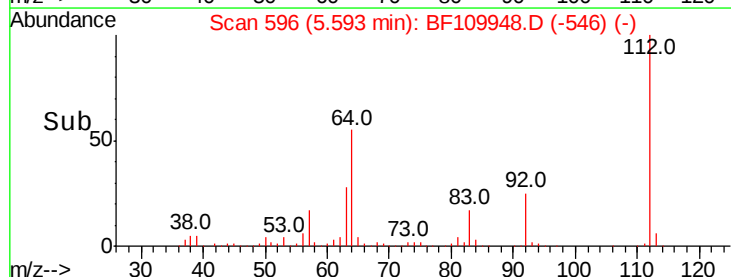
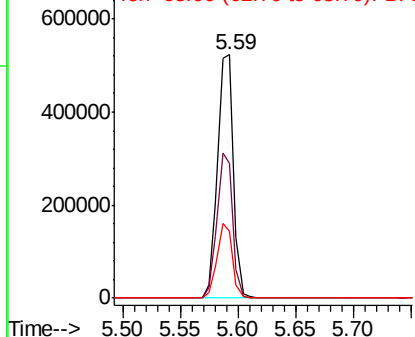
#5

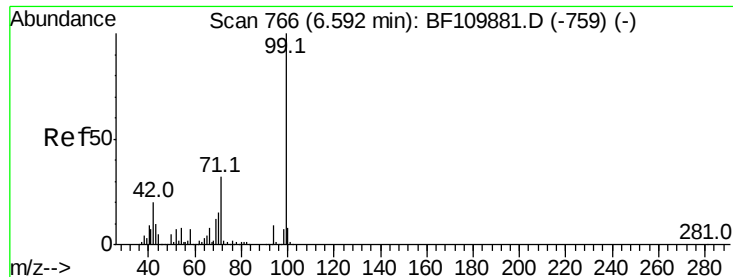
2-Fluorophenol
Concen: 36.396 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109948.D
Acq: 18 Oct 2018 3:58

Tgt Ion:112 Resp: 503418
Ion Ratio Lower Upper
112 100
64 55.1 44.1 66.1
63 27.6 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: 21.180 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF109948.D

Acq: 18 Oct 2018 3:58

Instrument :

BNA_F

ClientSampled :

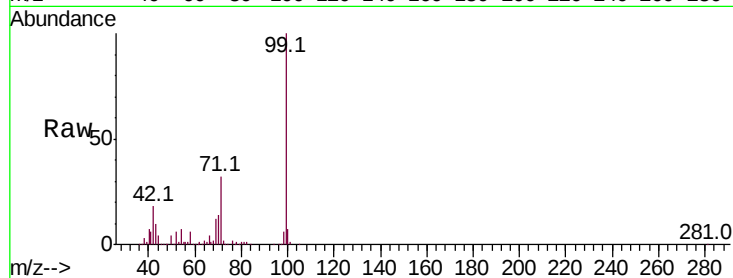
Tot Ion: 99 Resp: 363766

Ion Ratio Lower Upper

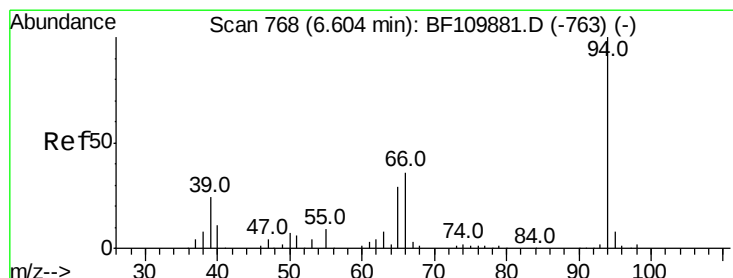
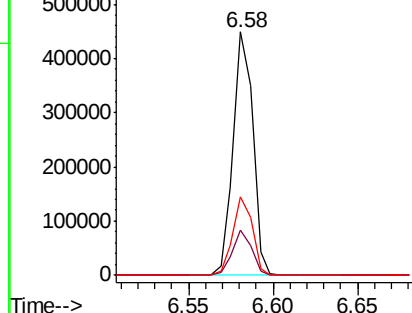
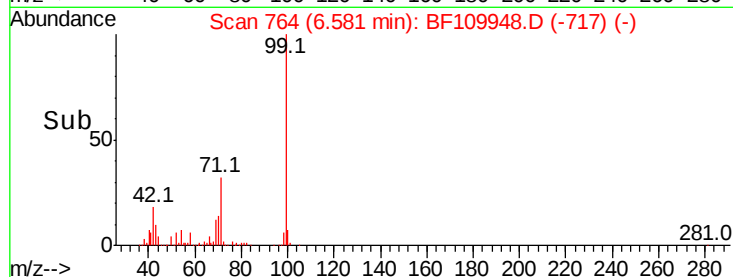
99 100

42 18.4 15.8 23.6

71 32.2 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: 2.965 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF109948.D

Acq: 18 Oct 2018 3:58

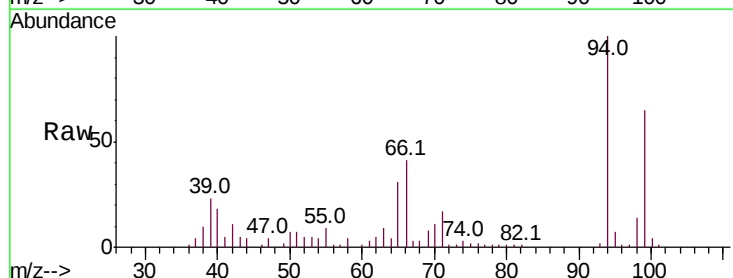
Tgt Ion: 94 Resp: 54977

Ion Ratio Lower Upper

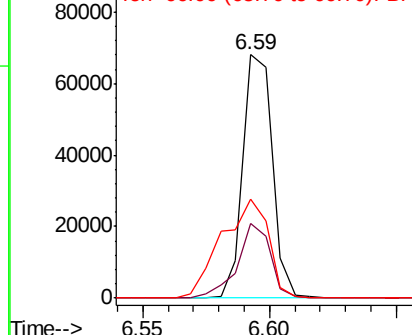
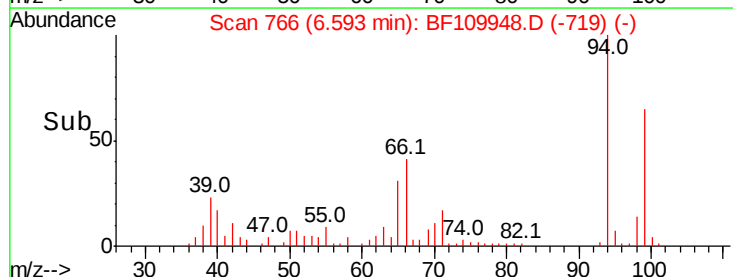
94 100

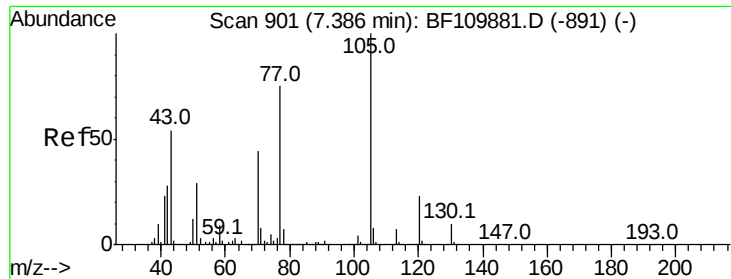
65 30.8 25.3 65.3

66 40.8 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

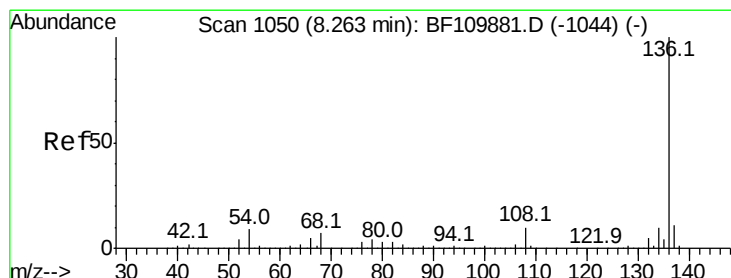
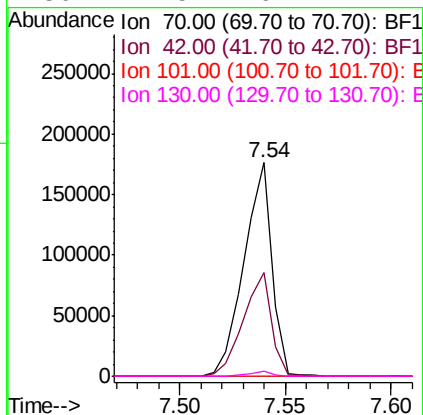
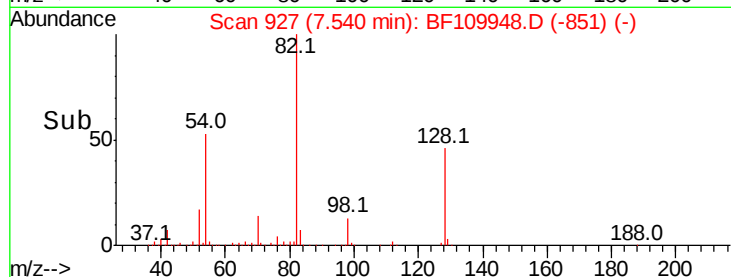
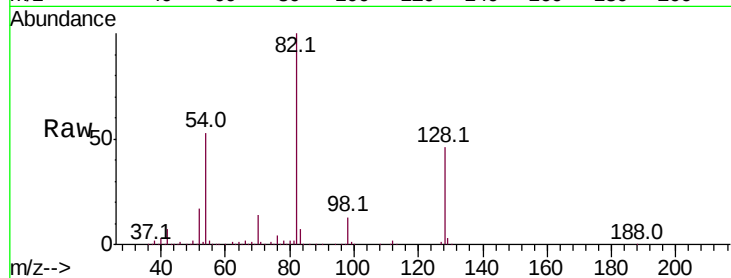




#19
n-Nitroso-di-n-propylamine
Concen: 14.657 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109948.D
Acq: 18 Oct 2018 3:58

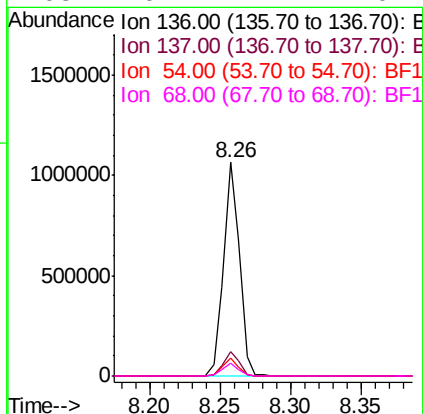
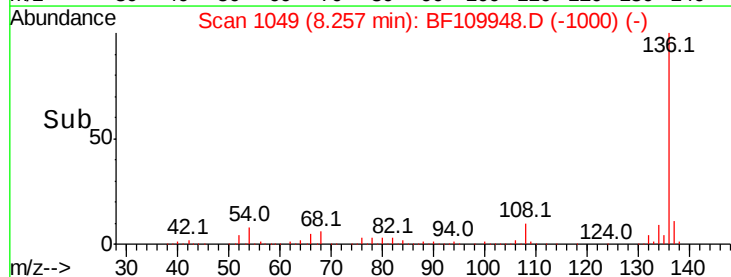
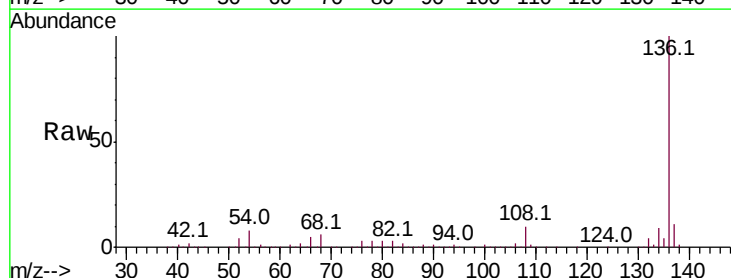
Instrument :
BNA_F
ClientSampled :

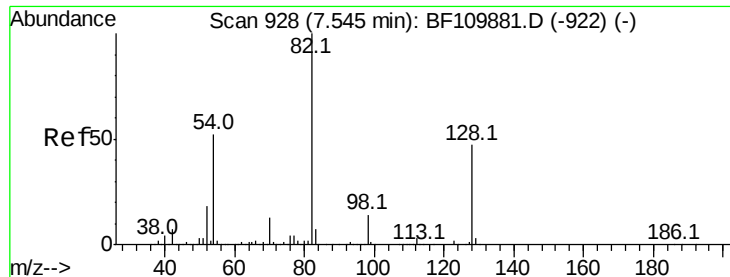
Tot Ion: 70 Resp: 161630
Ion Ratio Lower Upper
70 100
42 48.8 47.4 71.2
101 0.0 7.3 10.9#
130 2.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109948.D
Acq: 18 Oct 2018 3:58

Tgt Ion:136 Resp: 836962
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.2 5.4 8.2#
68 6.1 4.2 6.2

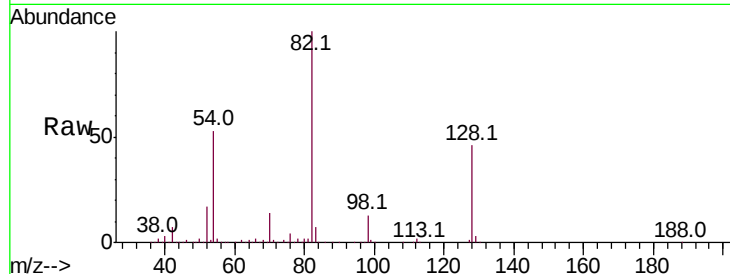




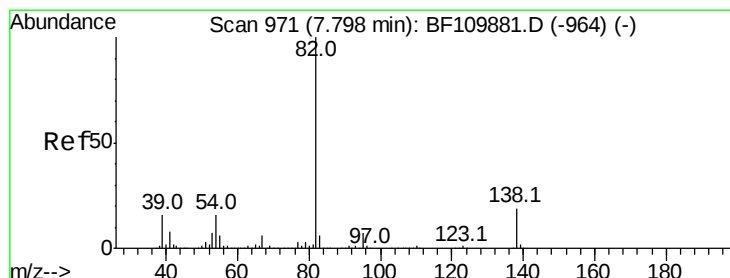
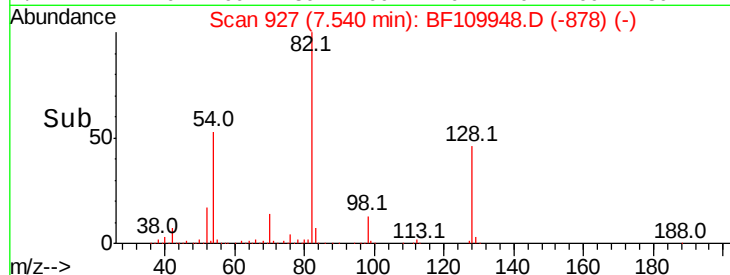
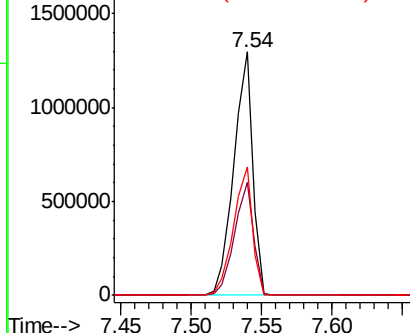
#23
Nitrobenzene-d5
Concen: 97.451 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109948.D
Acq: 18 Oct 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1210782
Ion Ratio Lower Upper
82 100
128 46.3 34.2 51.2
54 52.9 38.6 58.0

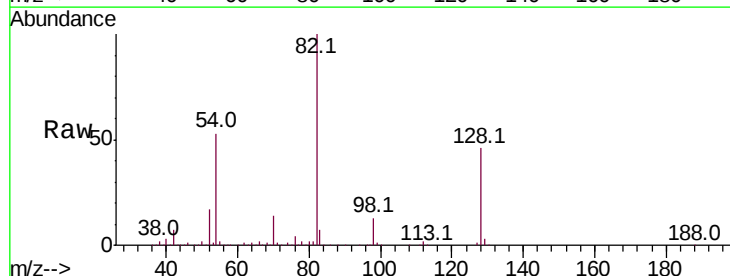


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

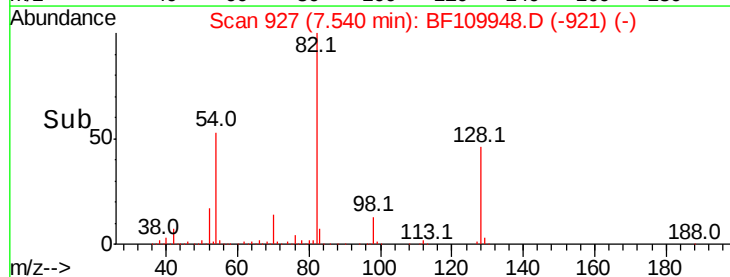
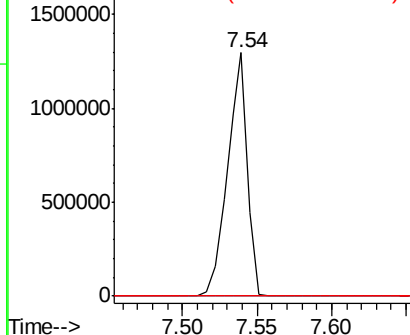


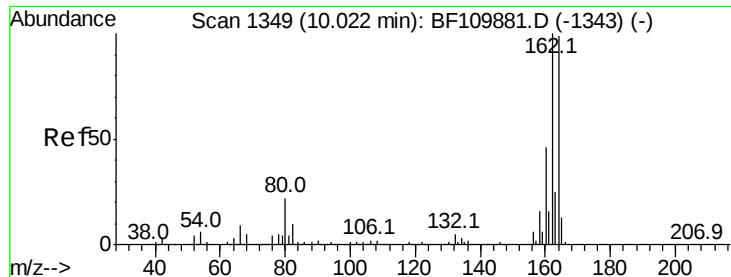
#25
Isophorone
Concen: 49.596 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.26 min
Lab File: BF109948.D
Acq: 18 Oct 2018 3:58

Tgt Ion: 82 Resp: 1210771
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

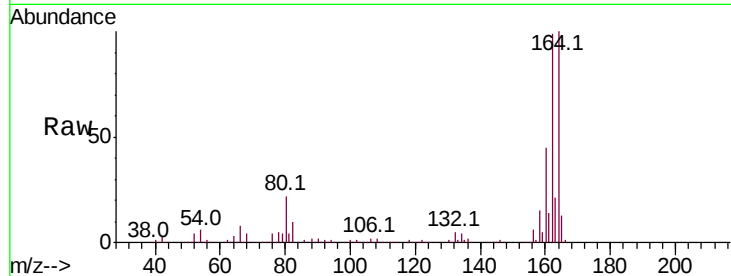




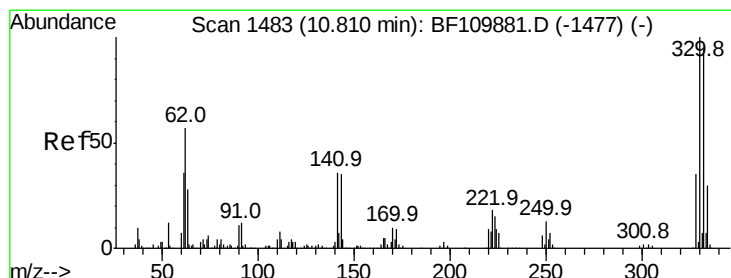
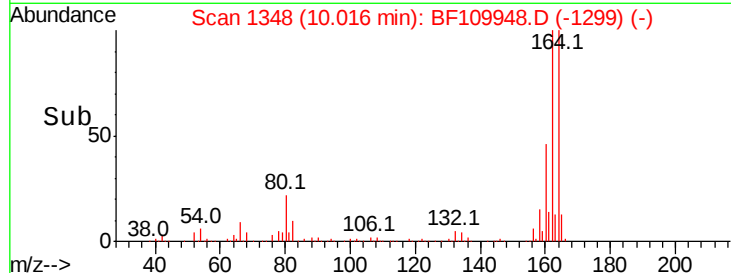
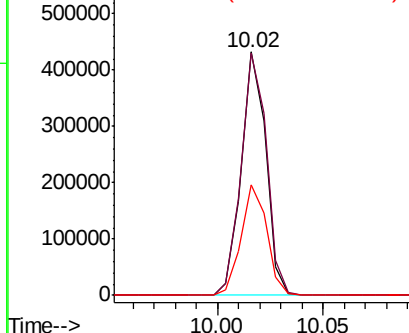
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF109948.D
 Acq: 18 Oct 2018 3:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 348369
 Ion Ratio Lower Upper
 164 100
 162 99.3 83.0 124.6
 160 45.2 37.0 55.6

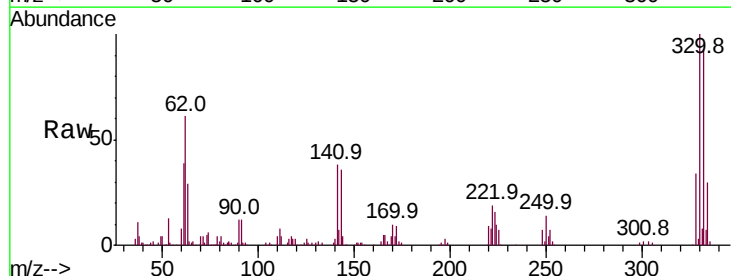


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

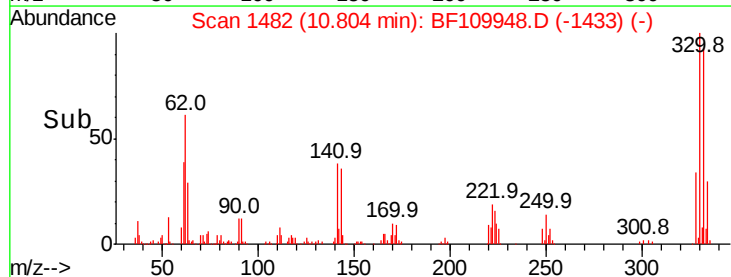
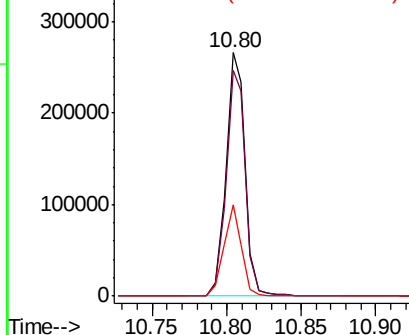


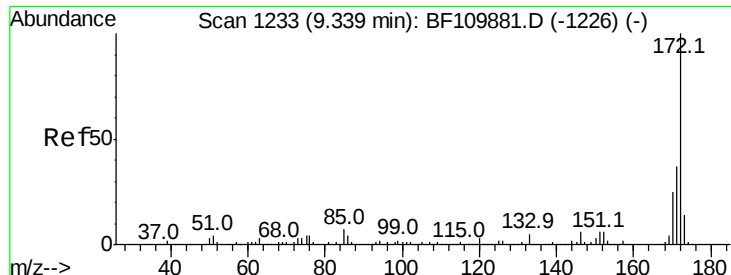
#42
 2,4,6-Tribromophenol
 Concen: 79.913 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF109948.D
 Acq: 18 Oct 2018 3:58

Tgt Ion:330 Resp: 241023
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.1 115.7
 141 34.5 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

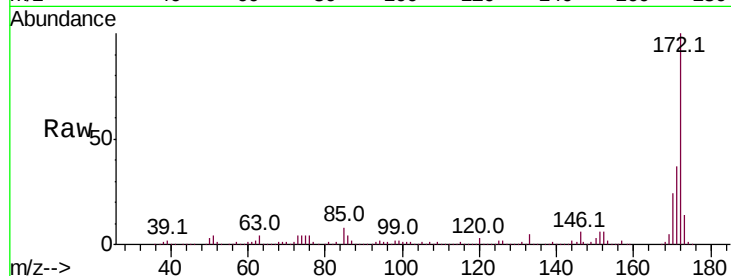




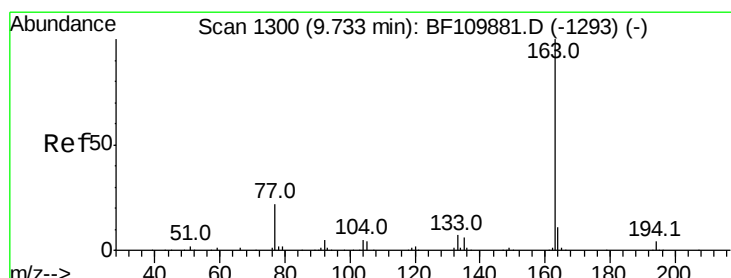
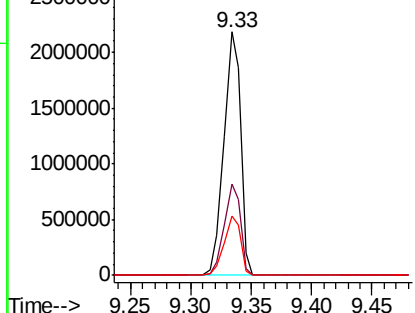
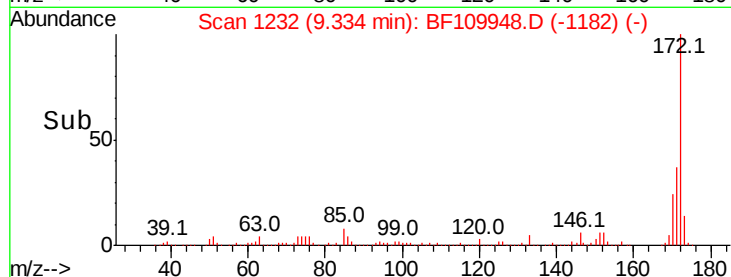
#45
2-Fluorobiphenyl
Concen: 95.591 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109948.D
Acq: 18 Oct 2018 3:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2086971
Ion Ratio Lower Upper
172 100
171 37.4 28.6 43.0
170 24.4 19.7 29.5

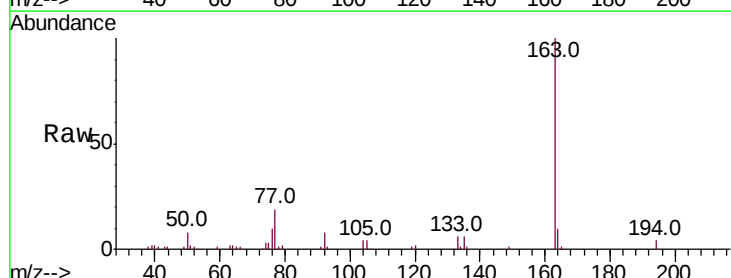


Abundance Ion 172.00 (171.70 to 172.70): E
3000000 Ion 171.00 (170.70 to 171.70): E
2500000 Ion 170.00 (169.70 to 170.70): E

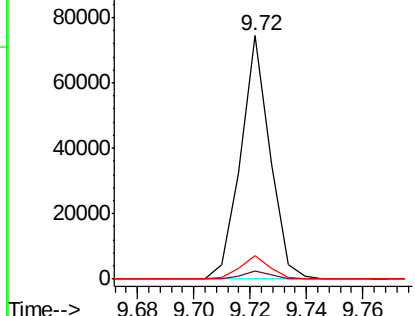
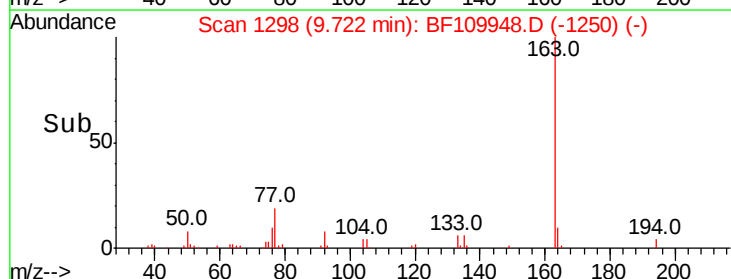


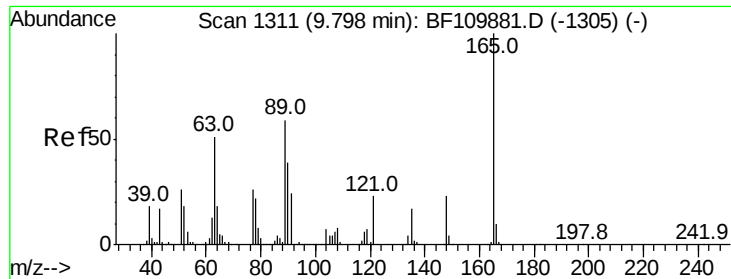
#50
Dimethylphthalate
Concen: 2.163 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109948.D
Acq: 18 Oct 2018 3:58

Tgt Ion:163 Resp: 53344
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
100000 Ion 194.00 (193.70 to 194.70): E
80000 Ion 164.00 (163.70 to 164.70): E

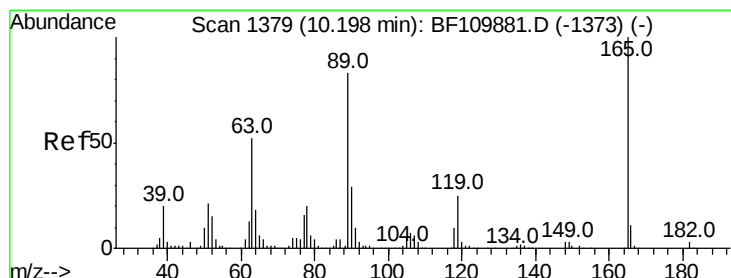
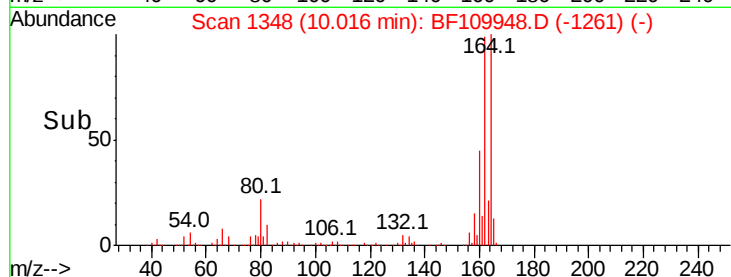
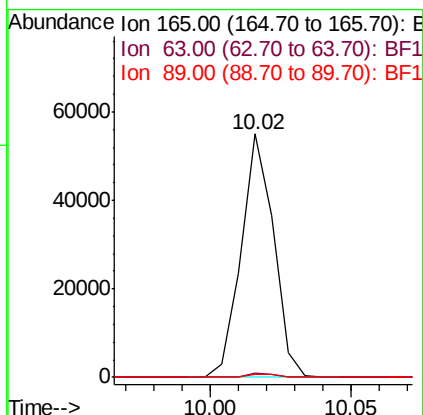
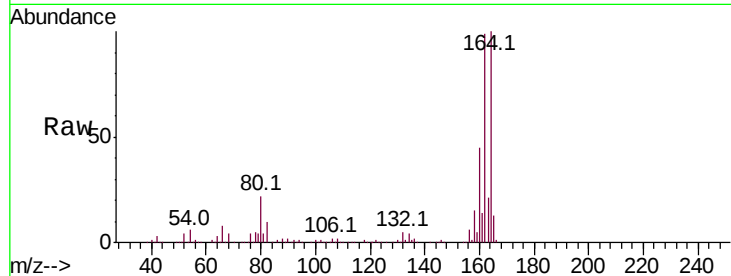




#51
 2,6-Dinitrotoluene
 Concen: 9.331 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.21 min
 Lab File: BF109948.D
 Acq: 18 Oct 2018 3:58

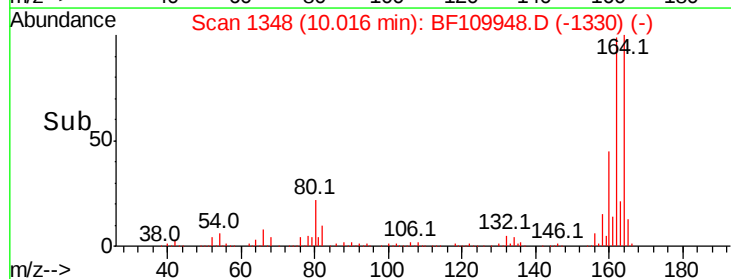
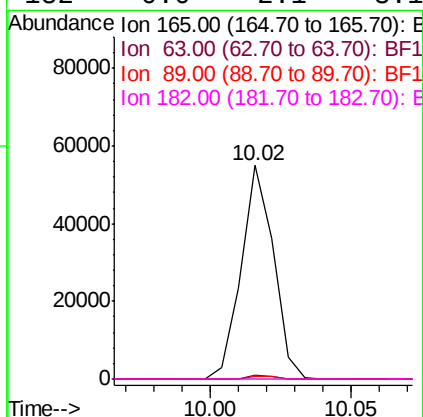
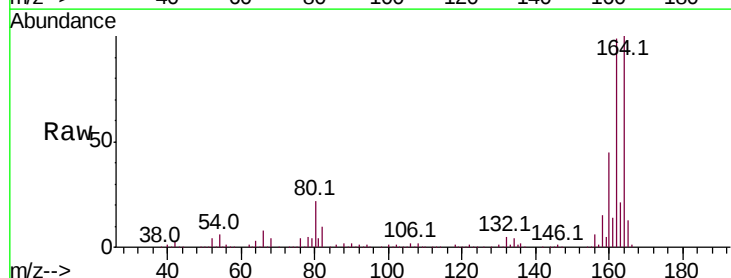
Instrument :
 BNA_F
 ClientSampleId :

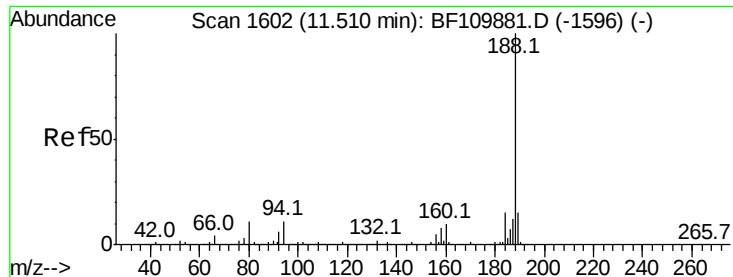
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	48.9	73.3#
89	1.1	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 11.265 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF109948.D
 Acq: 18 Oct 2018 3:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.8	67.2#
89	1.1	62.2	93.4#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109948.D

Acq: 18 Oct 2018 3:58

Instrument :

BNA_F

ClientSampleId :

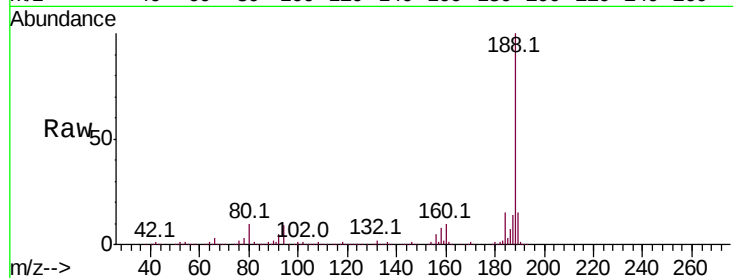
Tot Ion:188 Resp: 535256

Ion Ratio Lower Upper

188 100

94 9.4 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

11.51

800000

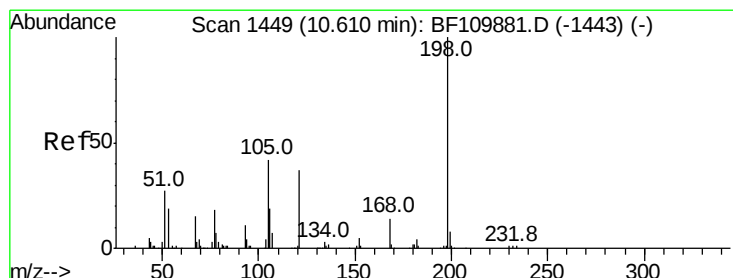
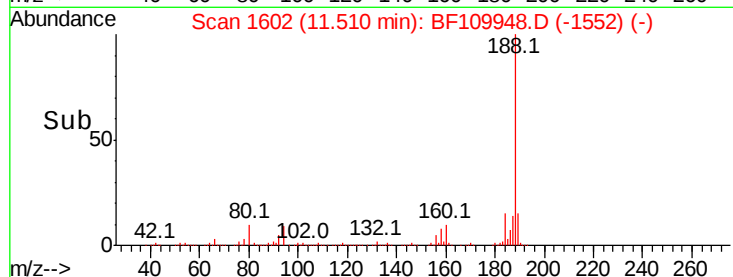
600000

400000

200000

0

Time--> 11.45 11.50 11.55



#65

4,6-Dinitro-2-methylphenol

Concen: 8.120 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.18 min

Lab File: BF109948.D

Acq: 18 Oct 2018 3:58

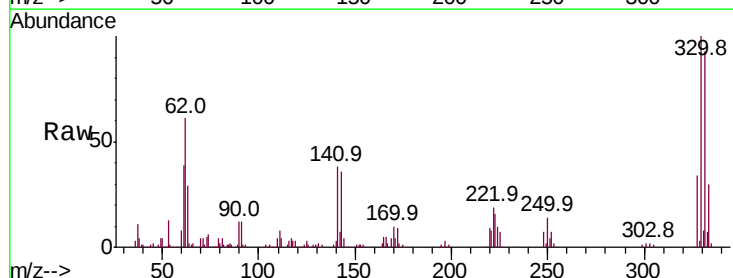
Tgt Ion:198 Resp: 501

Ion Ratio Lower Upper

198 100

51 201.1 22.8 62.8#

105 197.6 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

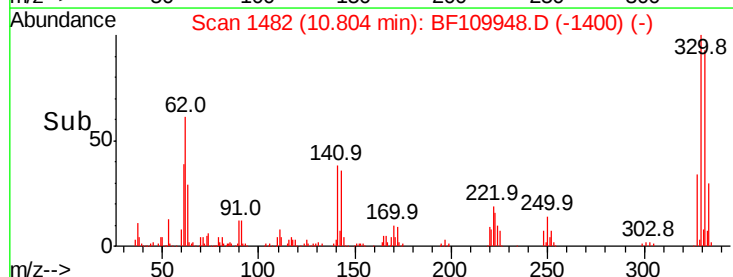
1500

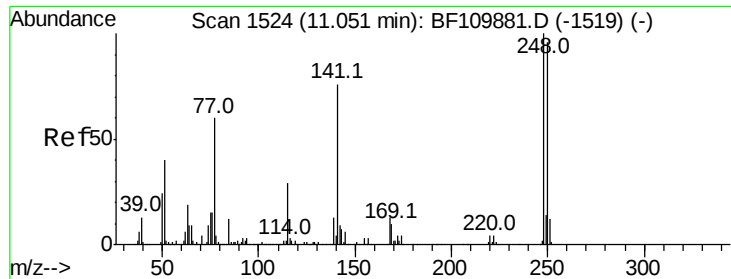
1000

500

0

Time--> 10.78 10.80 10.82

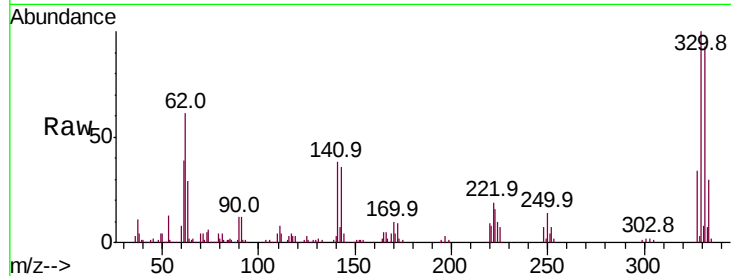




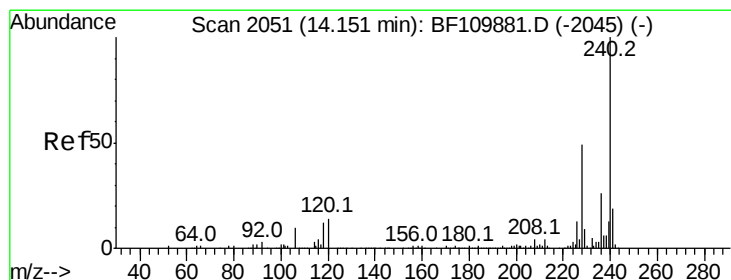
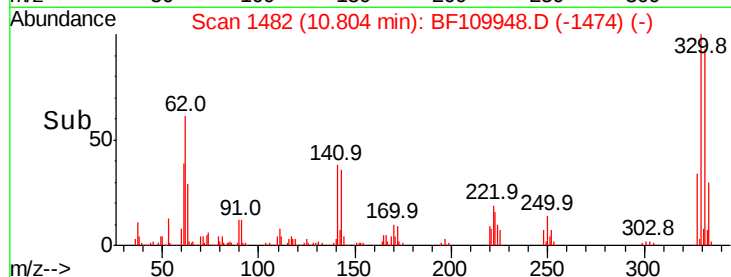
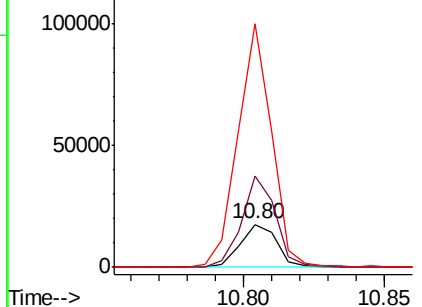
#67
4-Bromophenyl-phenylether
Concen: 2.714 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF109948.D
Acq: 18 Oct 2018 3:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15741
Ion Ratio Lower Upper
248 100
250 210.7 79.4 119.2#
141 562.7 55.9 83.9#

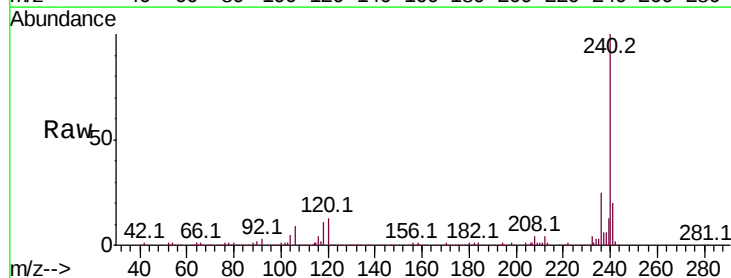


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

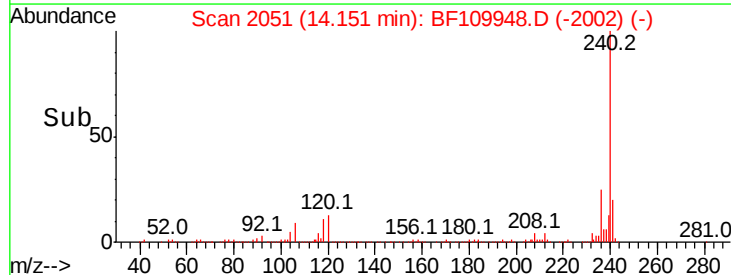
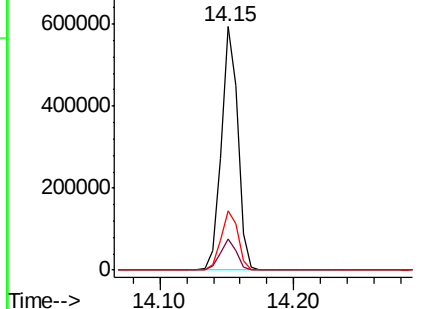


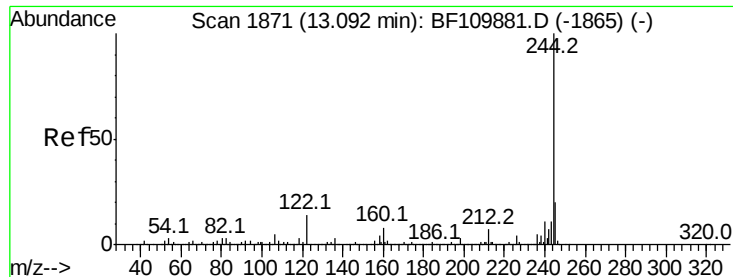
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109948.D
Acq: 18 Oct 2018 3:58

Tgt Ion:240 Resp: 518311
Ion Ratio Lower Upper
240 100
120 12.6 8.3 12.5#
236 24.6 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



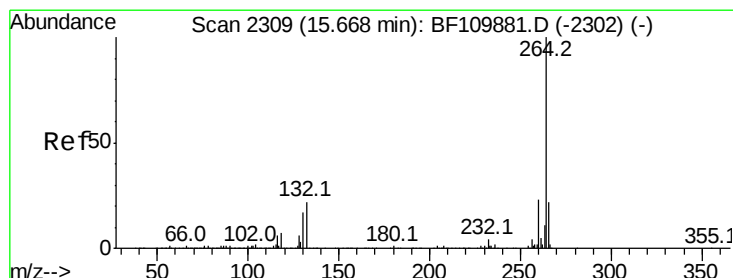
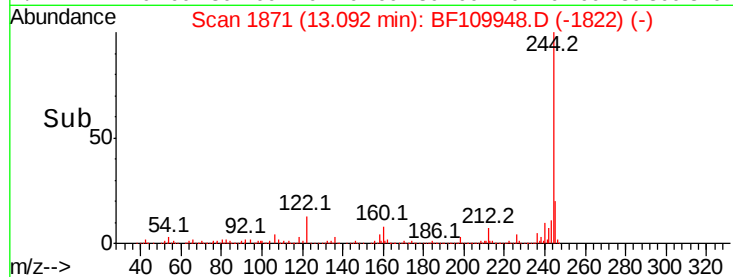
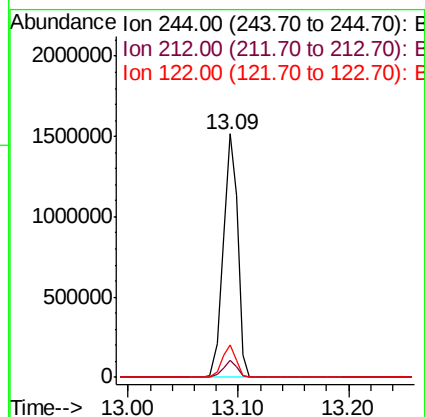
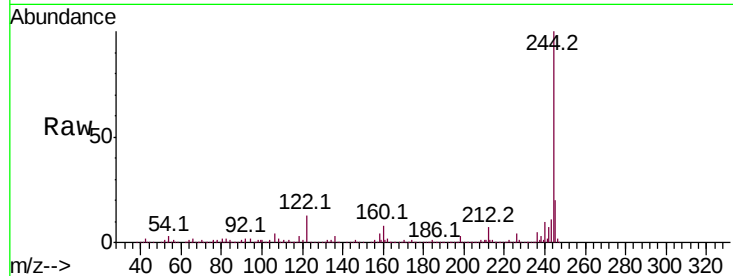


#79
 Terphenyl-d14
 Concen: 55.898 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF109948.D
 Acq: 18 Oct 2018 3:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1379693

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.4	8.7	13.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF109948.D
 Acq: 18 Oct 2018 3:58

Tgt Ion:264 Resp: 525870

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.2	16.7	25.1

