

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109966.D
 Acq On : 18 Oct 2018 18:43
 Operator : JU/SJ
 Sample : J5565-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 02:24:16 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

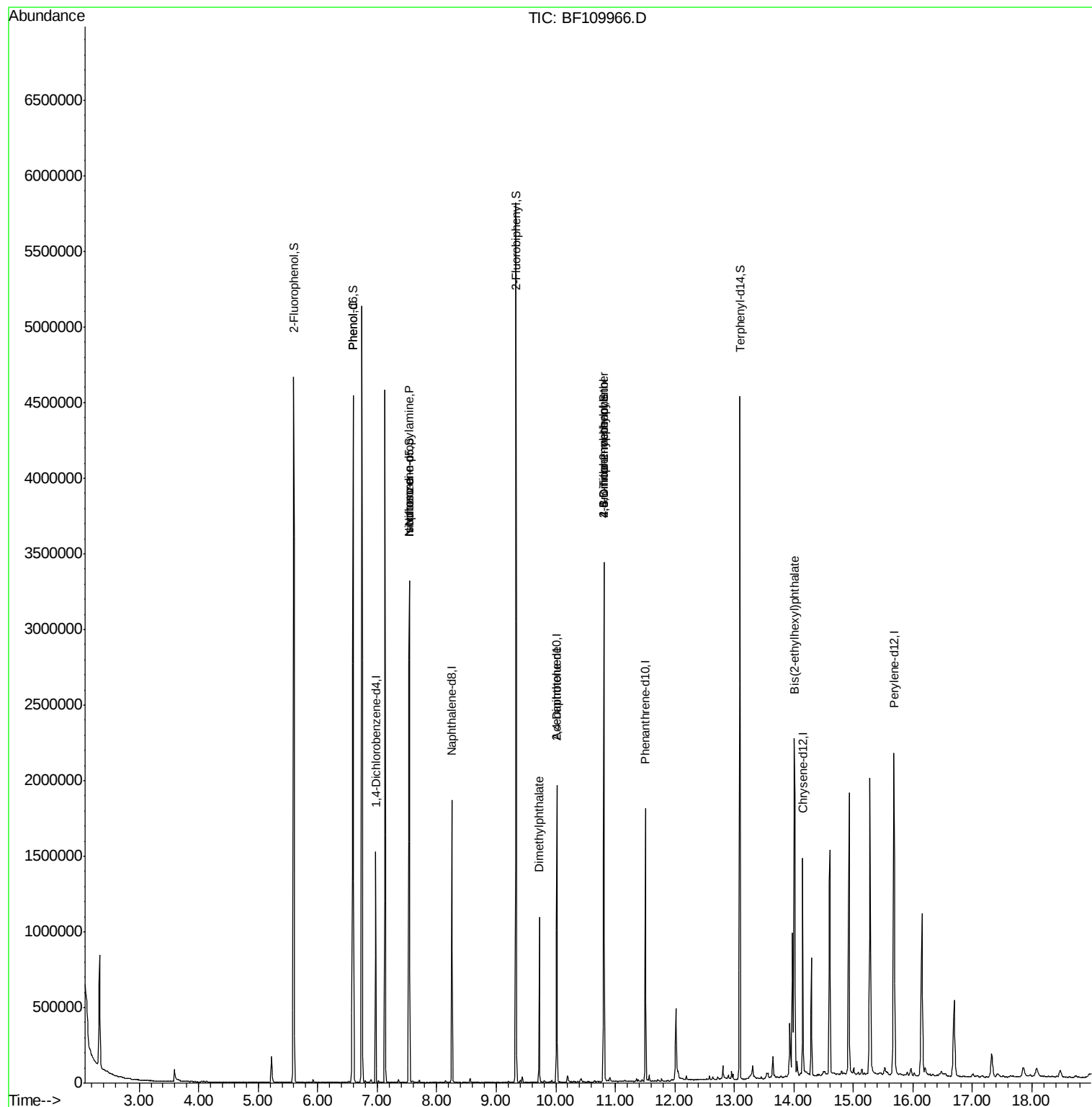
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	201878	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	762308	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	360030	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	661530	20.00	ng	0.00
76) Chrysene-d12	14.15	240	445819	20.00	ng	-0.01
87) Perylene-d12	15.67	264	362350	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1411398	110.82	ng	0.00
7) Phenol-d6	6.60	99	1766046	111.67	ng	0.00
23) Nitrobenzene-d5	7.54	82	1106820	97.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	415231	133.21	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1786054	79.16	ng	0.00
79) Terphenyl-d14	13.09	244	1515430	71.38	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	103317	6.051	ng	# 71
19) n-Nitroso-di-n-propylamine	7.54	70	148320	14.607	ng	# 78
25) Isophorone	7.54	82	1106807	49.777	ng	# 67
50) Dimethylphthalate	9.72	163	382919	15.020	ng	# 99
57) 2,4-Dinitrotoluene	10.02	165	45687	11.339	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	792	8.181	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	26511	3.698	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.01	149	779792	44.767	ng	# 55

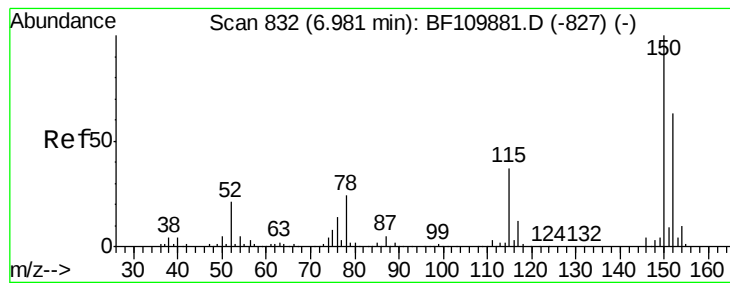
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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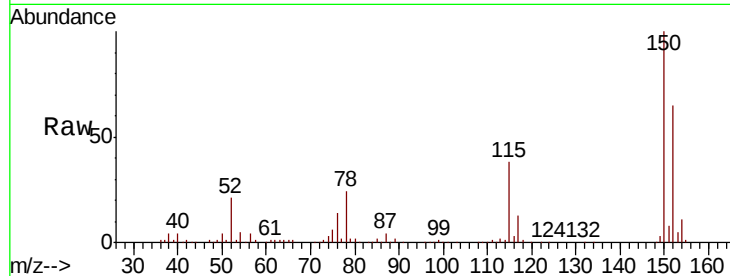


#1

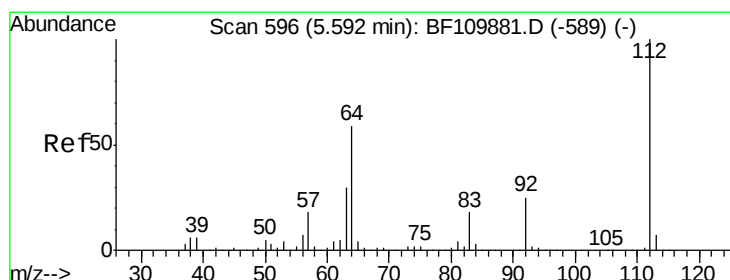
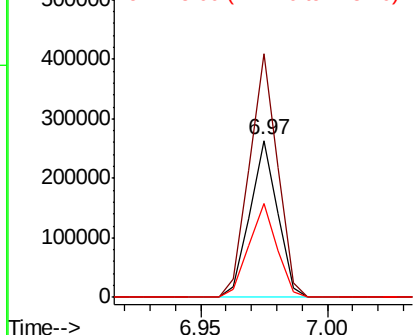
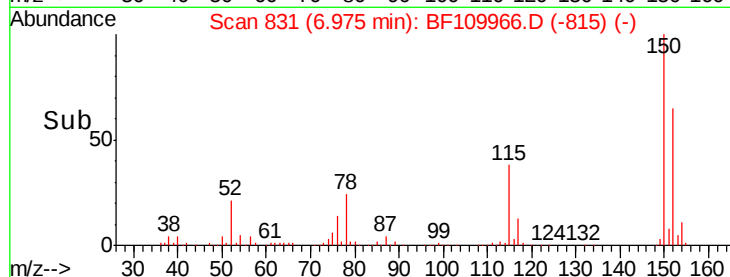
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109966.D
Acq: 18 Oct 2018 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 201878
Ion Ratio Lower Upper
152 100
150 155.0 122.7 184.1
115 59.5 49.1 73.7



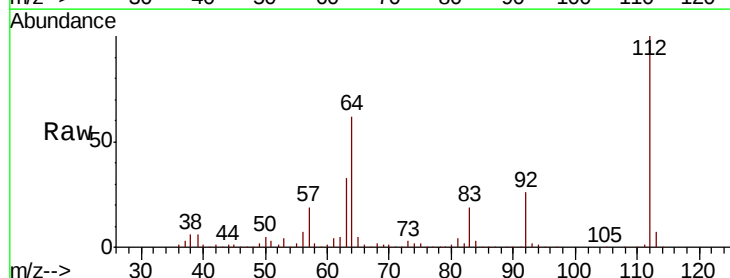
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



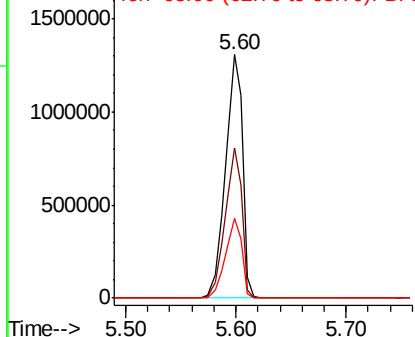
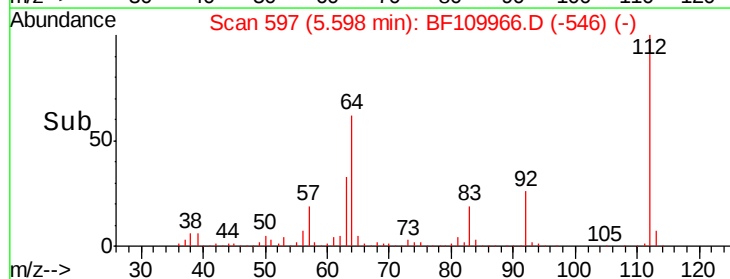
#5

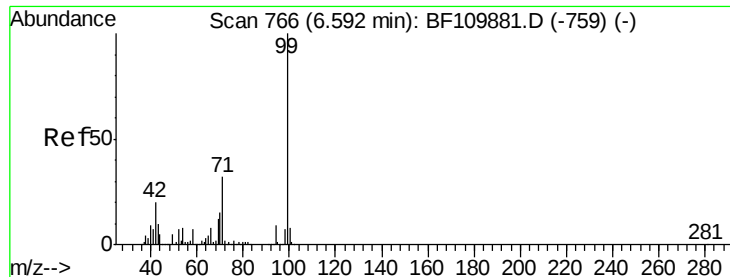
2-Fluorophenol
Concen: 110.822 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF109966.D
Acq: 18 Oct 2018 18:43

Tgt Ion:112 Resp: 1411398
Ion Ratio Lower Upper
112 100
64 61.7 44.1 66.1
63 32.7 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: 111.673 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109966.D

Acq: 18 Oct 2018 18:43

Instrument :

BNA_F

ClientSampleId :

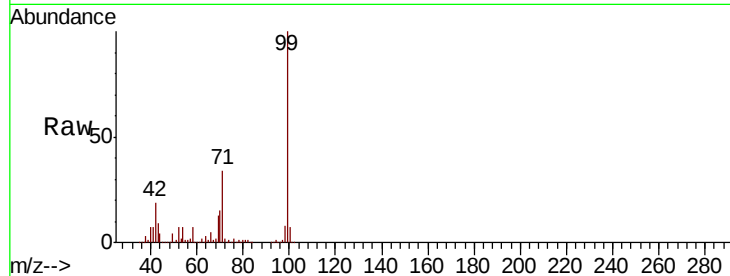
Tot Ion: 99 Resp: 1766046

Ion Ratio Lower Upper

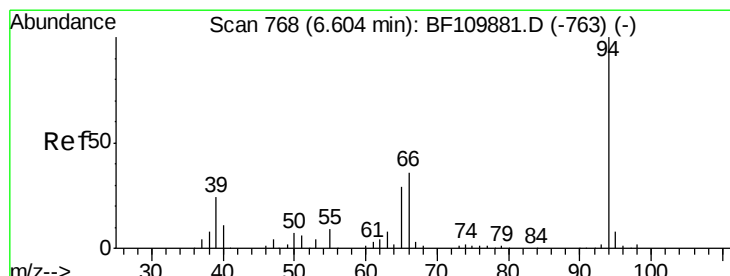
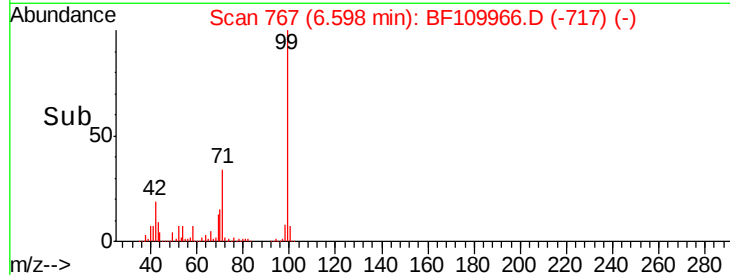
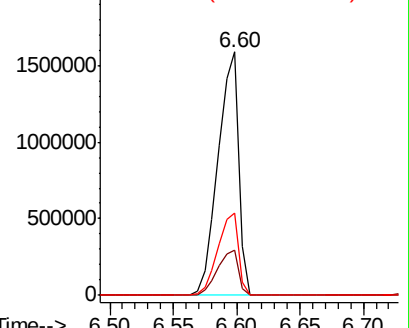
99 100

42 18.7 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: 6.051 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109966.D

Acq: 18 Oct 2018 18:43

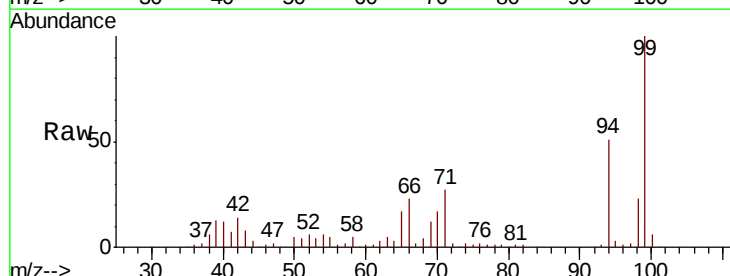
Tgt Ion: 94 Resp: 103317

Ion Ratio Lower Upper

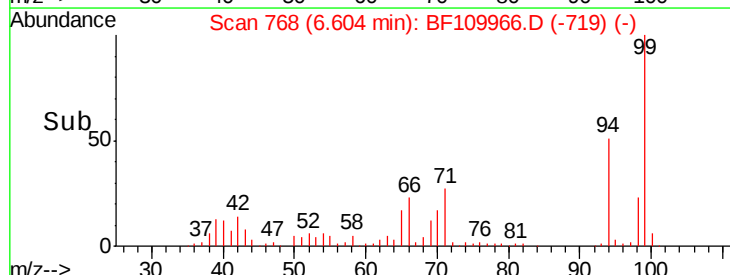
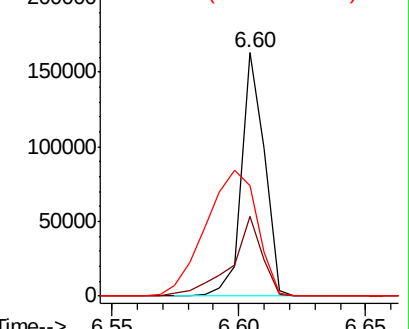
94 100

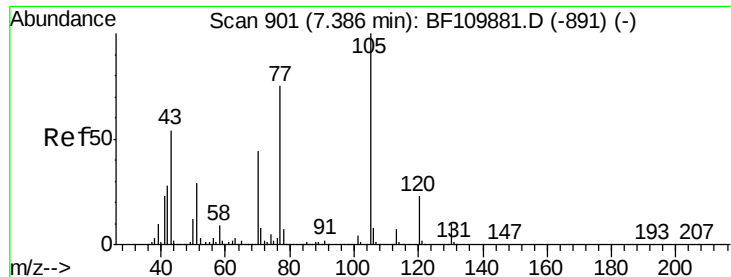
65 32.5 25.3 65.3

66 45.6 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

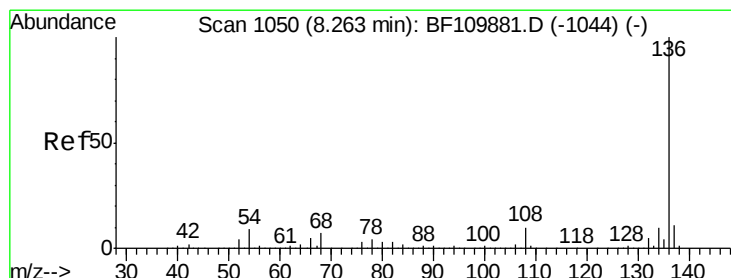
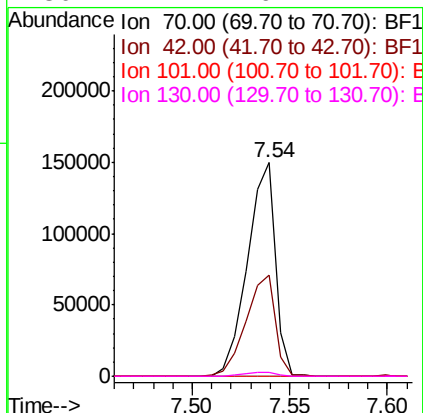
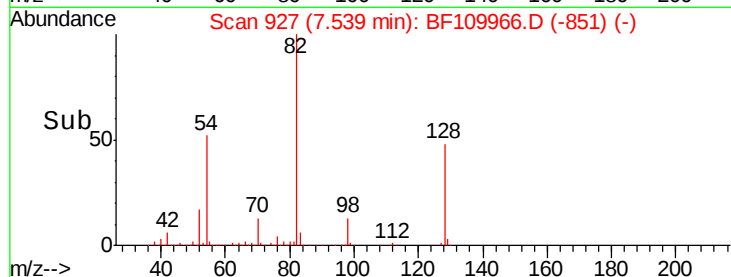
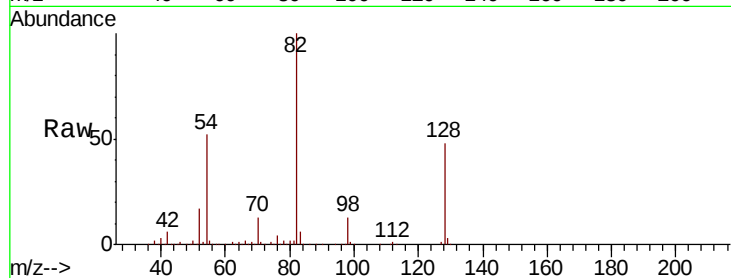




#19
n-Nitroso-di-n-propylamine
Concen: 14.607 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109966.D
Acq: 18 Oct 2018 18:43

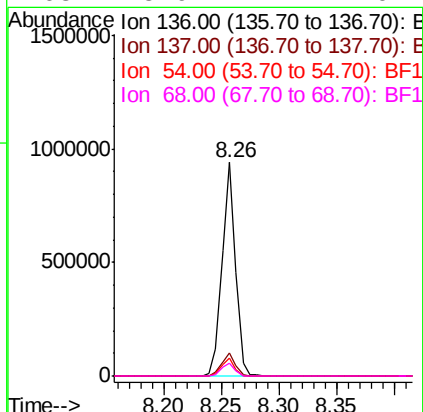
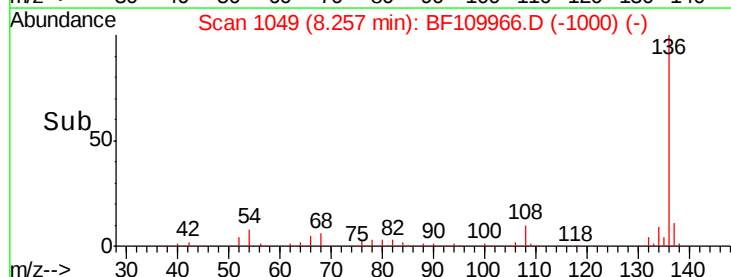
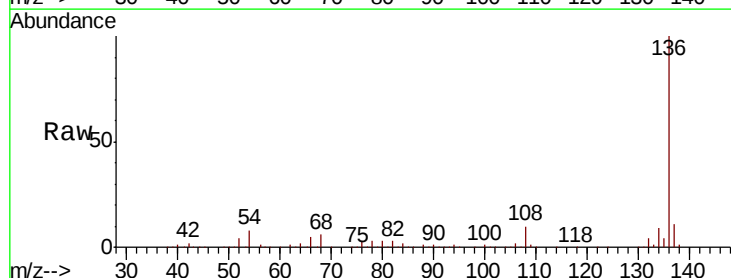
Instrument :
BNA_F
ClientSampled :

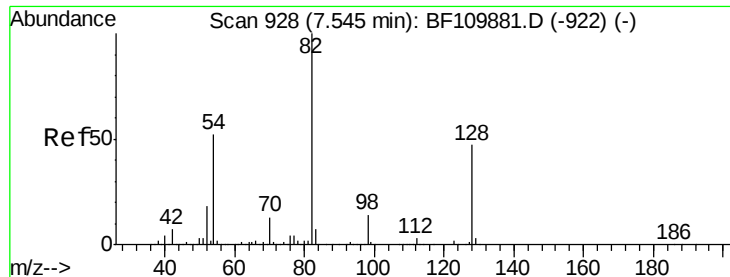
Tot Ion: 70 Resp: 148320
Ion Ratio Lower Upper
70 100
42 47.5 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109966.D
Acq: 18 Oct 2018 18:43

Tgt Ion:136 Resp: 762308
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 5.4 8.2#
68 5.9 4.2 6.2

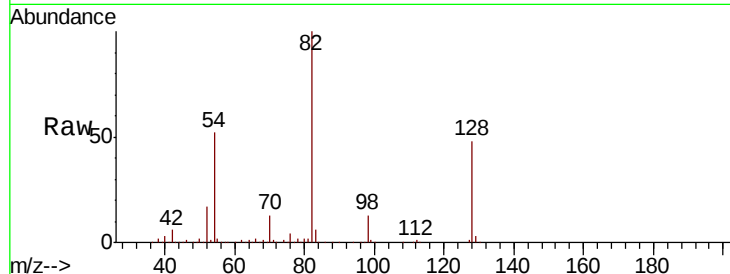




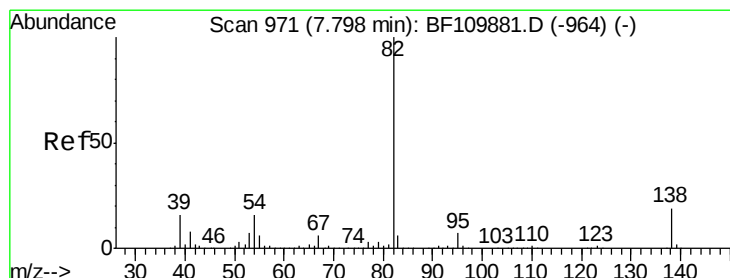
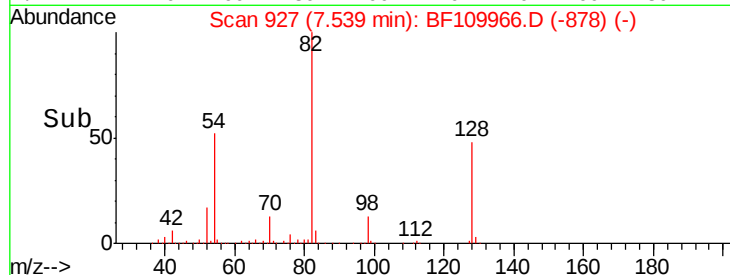
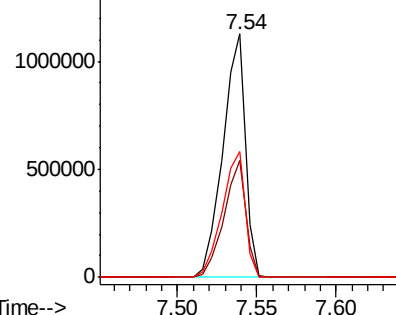
#23
Nitrobenzene-d5
Concen: 97.808 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109966.D
Acq: 18 Oct 2018 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1106820
Ion Ratio Lower Upper
82 100
128 48.1 34.2 51.2
54 51.6 38.6 58.0

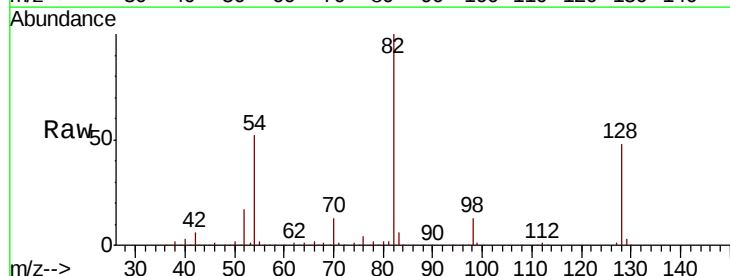


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

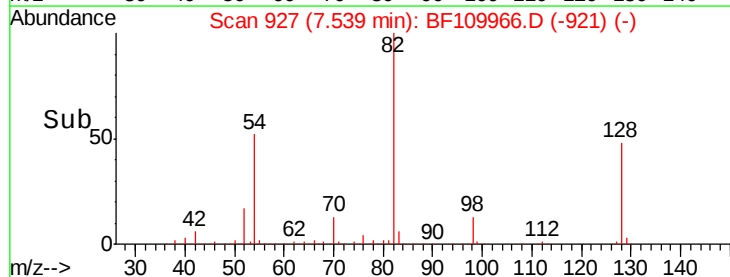
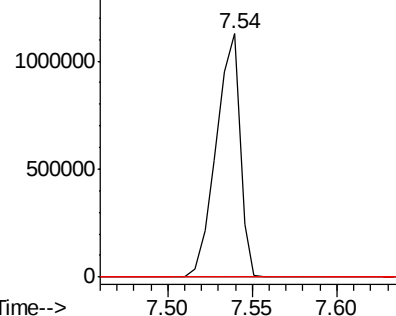


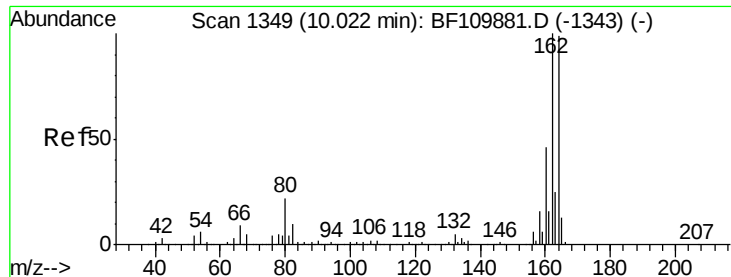
#25
Isophorone
Concen: 49.777 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.26 min
Lab File: BF109966.D
Acq: 18 Oct 2018 18:43

Tgt Ion: 82 Resp: 1106807
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
1500000 Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

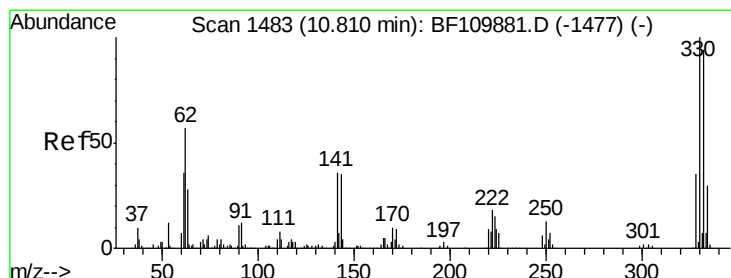
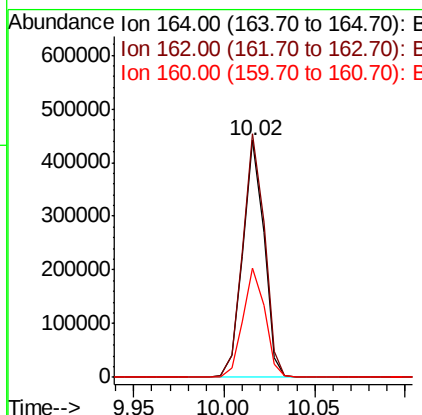
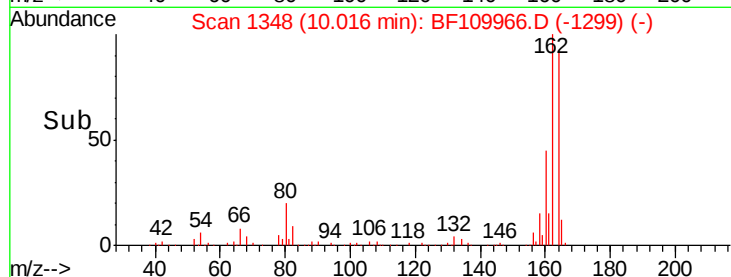
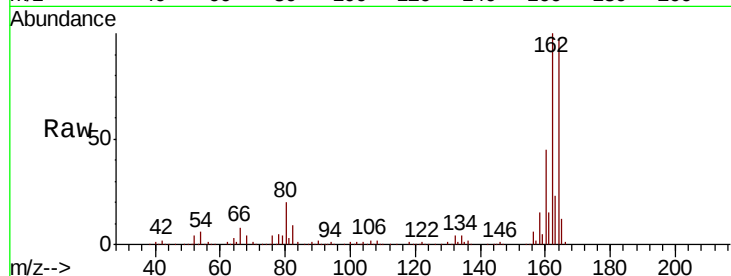




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109966.D
Acq: 18 Oct 2018 18:43

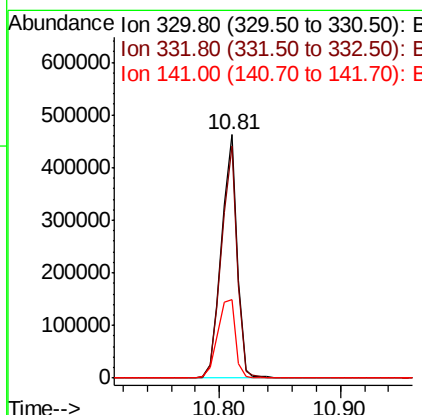
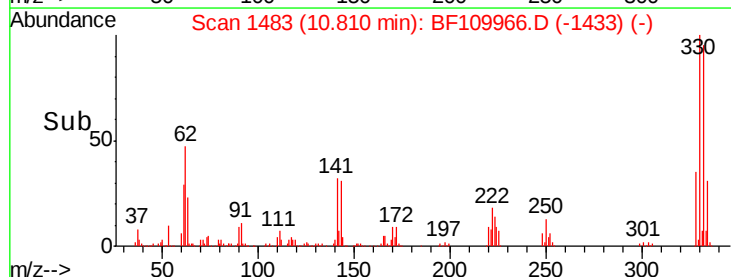
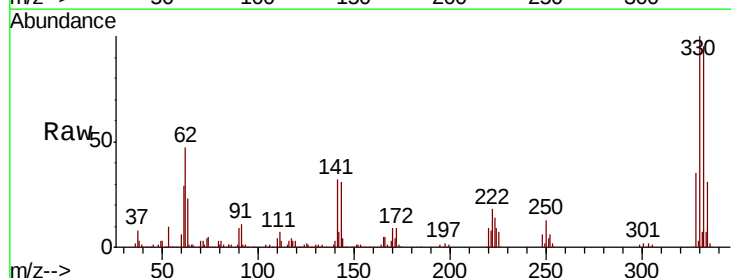
Instrument :
BNA_F
ClientSampleId :

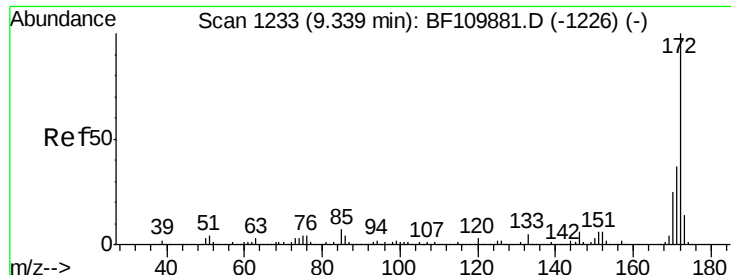
Tot Ion:164 Resp: 360030
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.6
160 46.1 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 133.213 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF109966.D
Acq: 18 Oct 2018 18:43

Tgt Ion:330 Resp: 415231
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 36.2 27.0 40.4

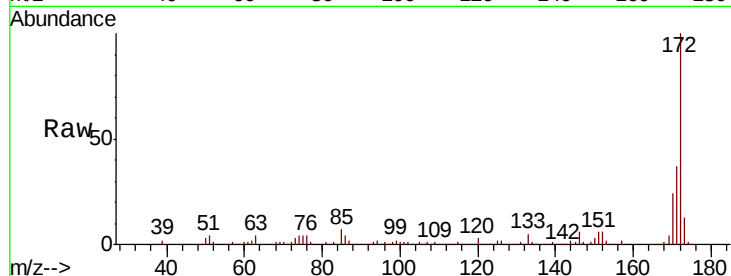




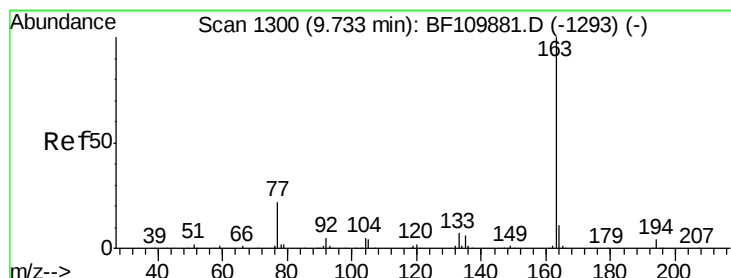
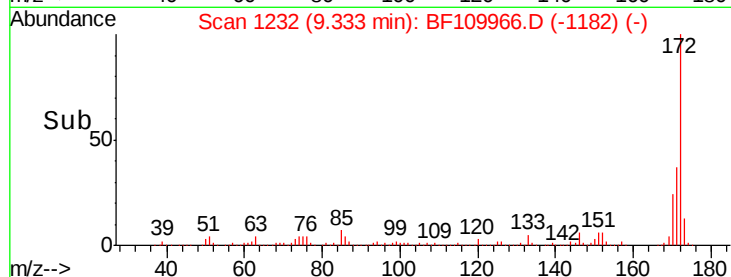
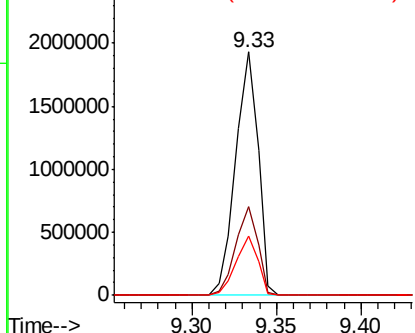
#45
2-Fluorobiphenyl
Concen: 79.158 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109966.D
Acq: 18 Oct 2018 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1786054
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 24.1 19.7 29.5

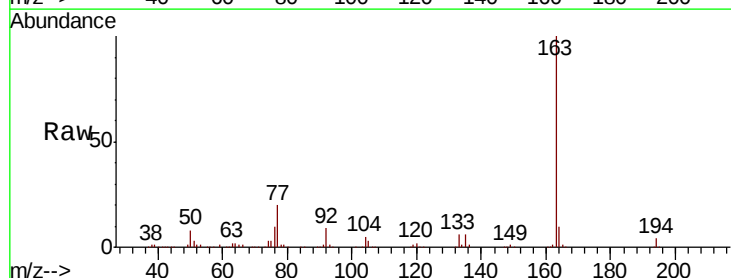


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

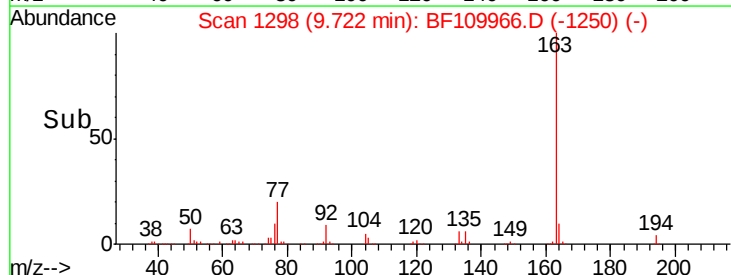
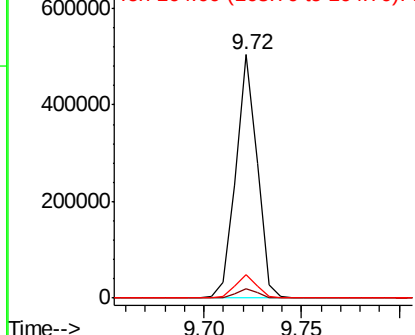


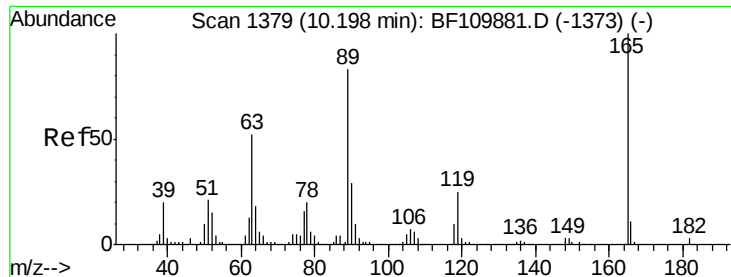
#50
Dimethylphthalate
Concen: 15.020 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109966.D
Acq: 18 Oct 2018 18:43

Tgt Ion:163 Resp: 382919
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.8 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

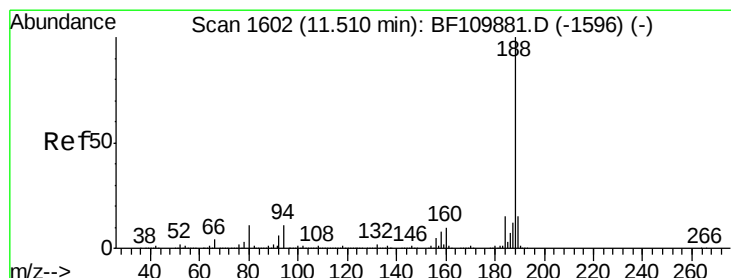
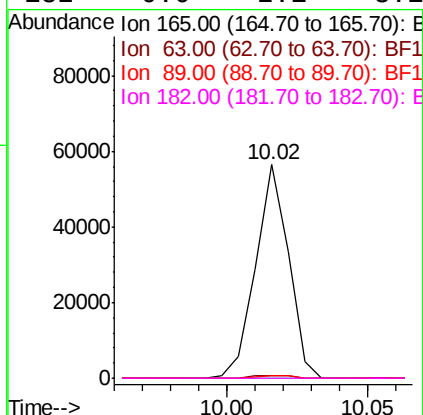
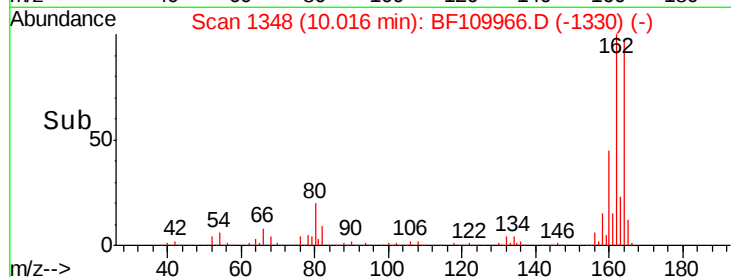
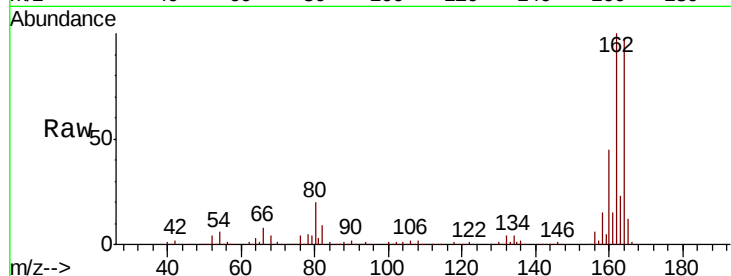




#57
2,4-Dinitrotoluene
Concen: 11.339 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF109966.D
Acq: 18 Oct 2018 18:43

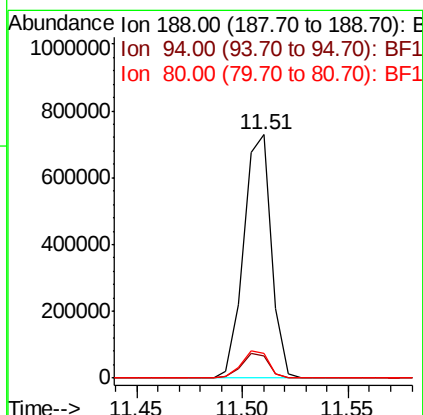
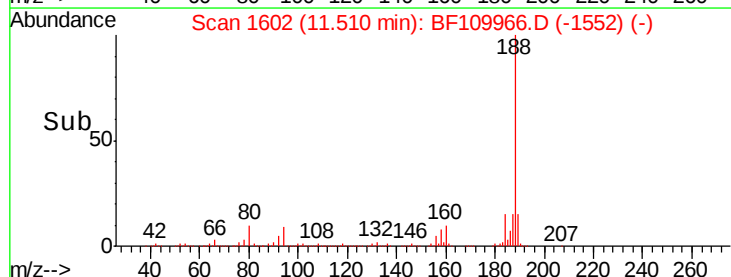
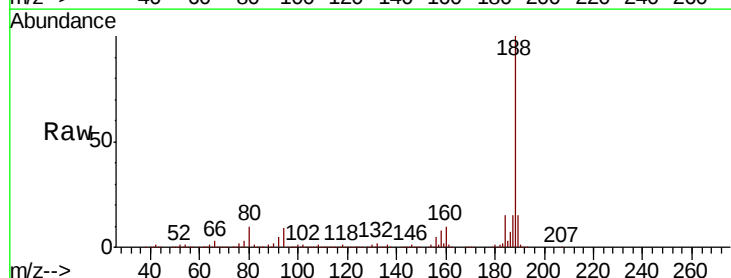
Instrument :
BNA_F
ClientSampleId :

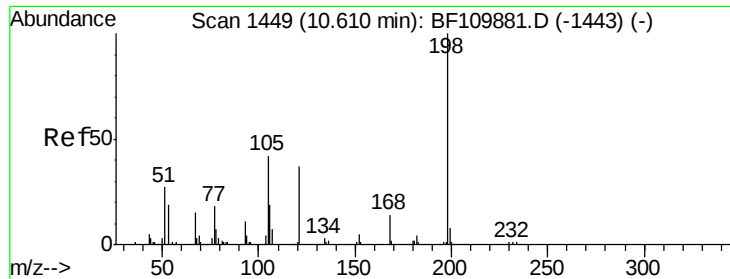
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109966.D
Acq: 18 Oct 2018 18:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.1	7.9	11.9

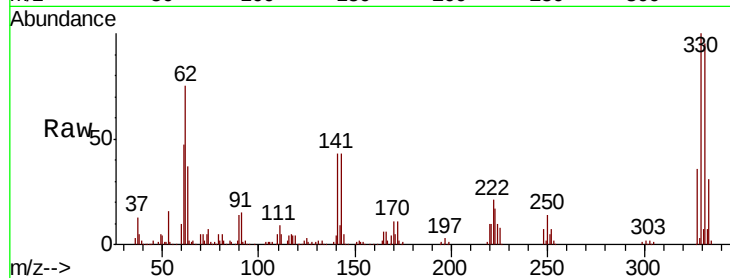




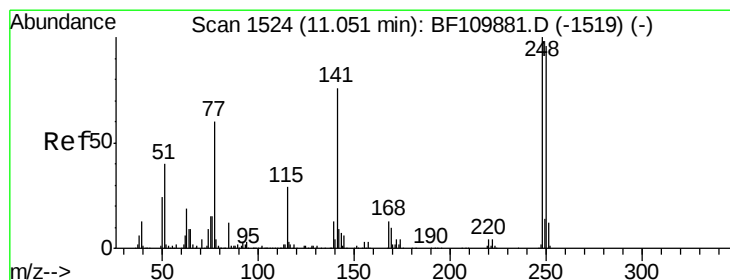
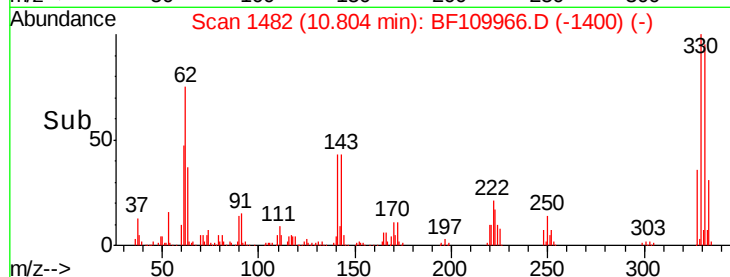
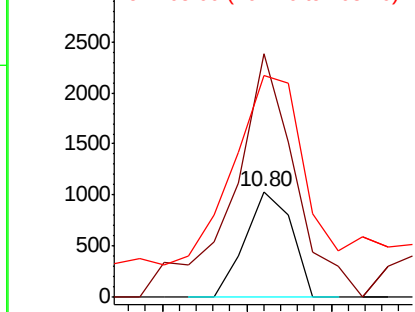
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.181 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.18 min
 Lab File: BF109966.D
 Acq: 18 Oct 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 792
 Ion Ratio Lower Upper
 198 100
 51 230.3 22.8 62.8#
 105 210.2 23.6 63.6#

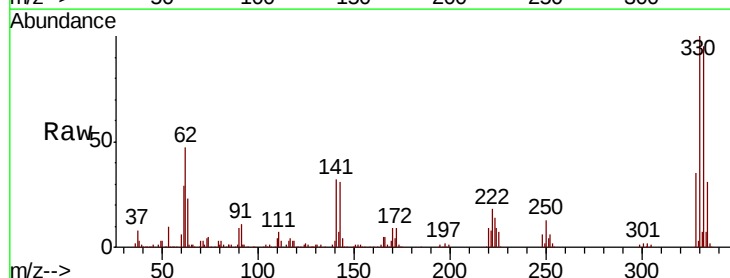


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

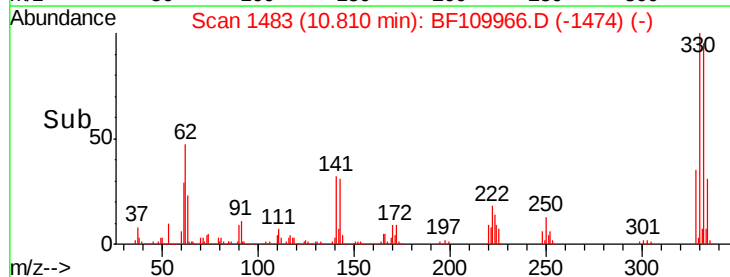
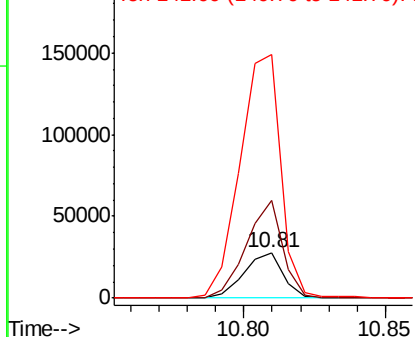


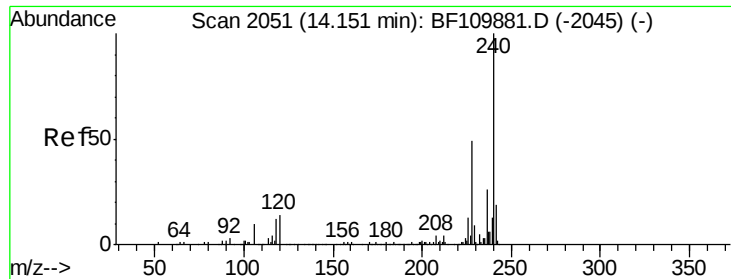
#67
 4-Bromophenyl-phenylether
 Concen: 3.698 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.25 min
 Lab File: BF109966.D
 Acq: 18 Oct 2018 18:43

Tgt Ion:248 Resp: 26511
 Ion Ratio Lower Upper
 248 100
 250 213.7 79.4 119.2#
 141 533.7 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: BF109966.D

Acq: 18 Oct 2018 18:43

Instrument :

BNA_F

ClientSampleId :

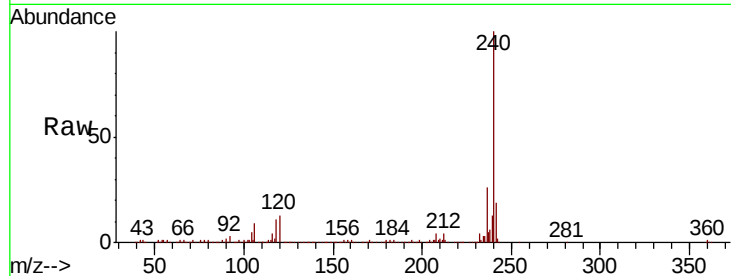
Tot Ion:240 Resp: 445819

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

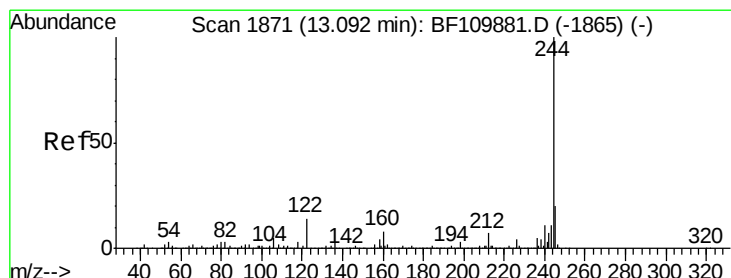
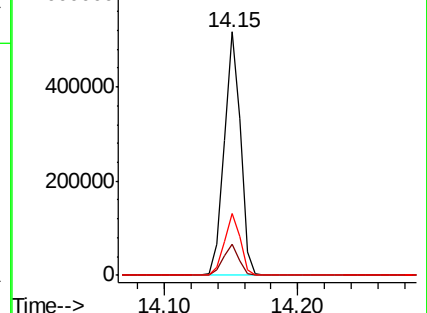
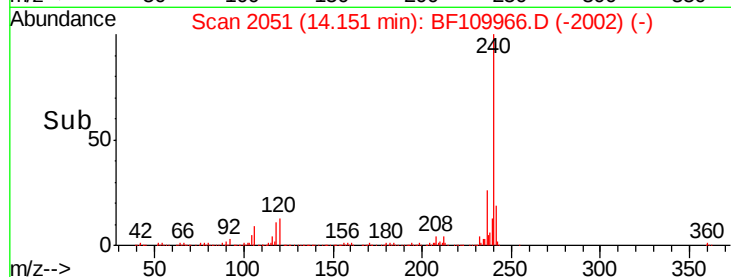
236 25.6 21.2 31.8



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: 71.381 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF109966.D

Acq: 18 Oct 2018 18:43

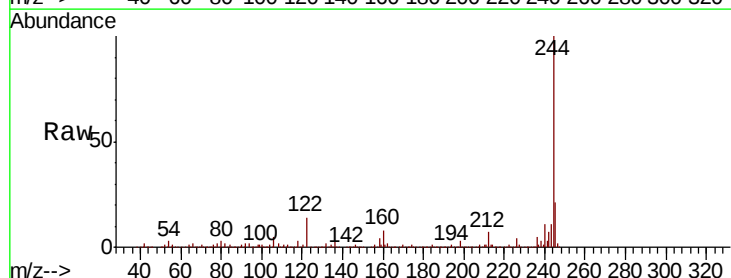
Tgt Ion:244 Resp: 1515430

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

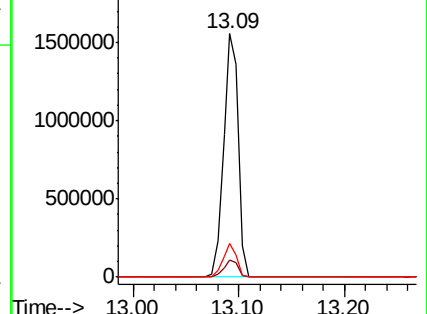
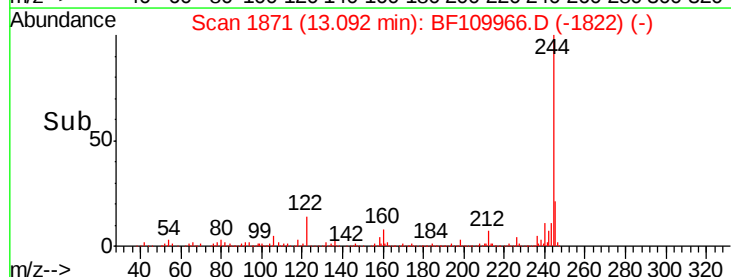
122 13.7 8.7 13.1#

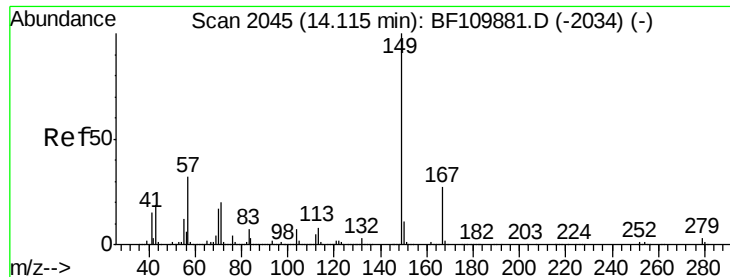


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 44.767 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.12 min

Lab File: BF109966.D

Acq: 18 Oct 2018 18:43

Instrument :

BNA_F

ClientSampleId :

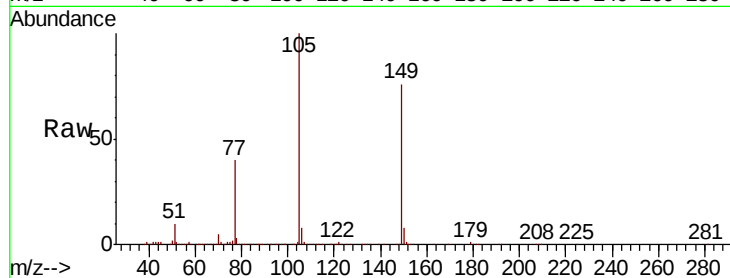
Tot Ion:149 Resp: 779792

Ion Ratio Lower Upper

149 100

167 0.0 19.8 29.8#

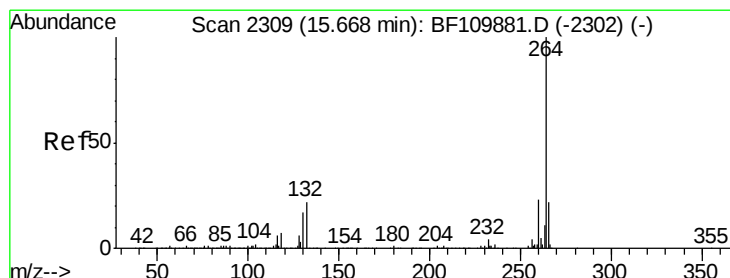
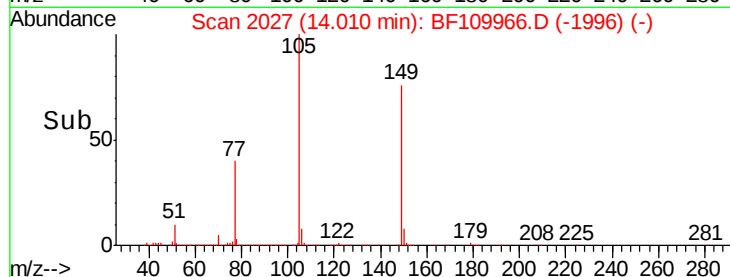
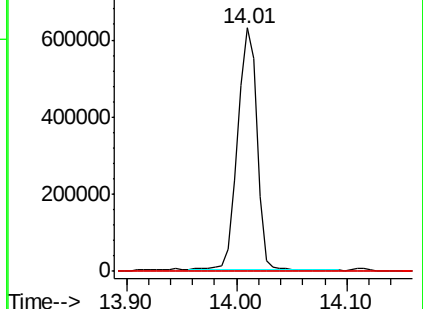
279 0.0 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF109966.D

Acq: 18 Oct 2018 18:43

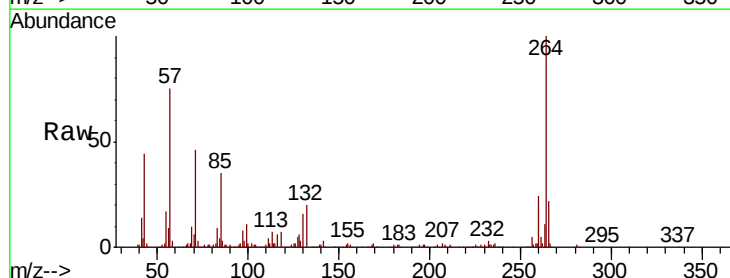
Tgt Ion:264 Resp: 362350

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.1 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

