

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072518\
 Data File : BF107694.D
 Acq On : 26 Jul 2018 9:03
 Operator : JU/SJ
 Sample : PB111438BL
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111438BL

Quant Time: Jul 26 10:57:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	179546	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	652349	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	247127	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	443830	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	356777	20.00	ng	-0.01
86) Perylene-d12	15.69	264	280714	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	890940	79.78	ng	0.00
7) Phenol-d6	6.60	99	1150883	85.83	ng	-0.02
23) Nitrobenzene-d5	7.53	82	976074	100.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	245158	87.24	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1747019	148.26	ng	-0.01
78) Terphenyl-d14	13.09	244	1408058	101.04	ng	-0.01

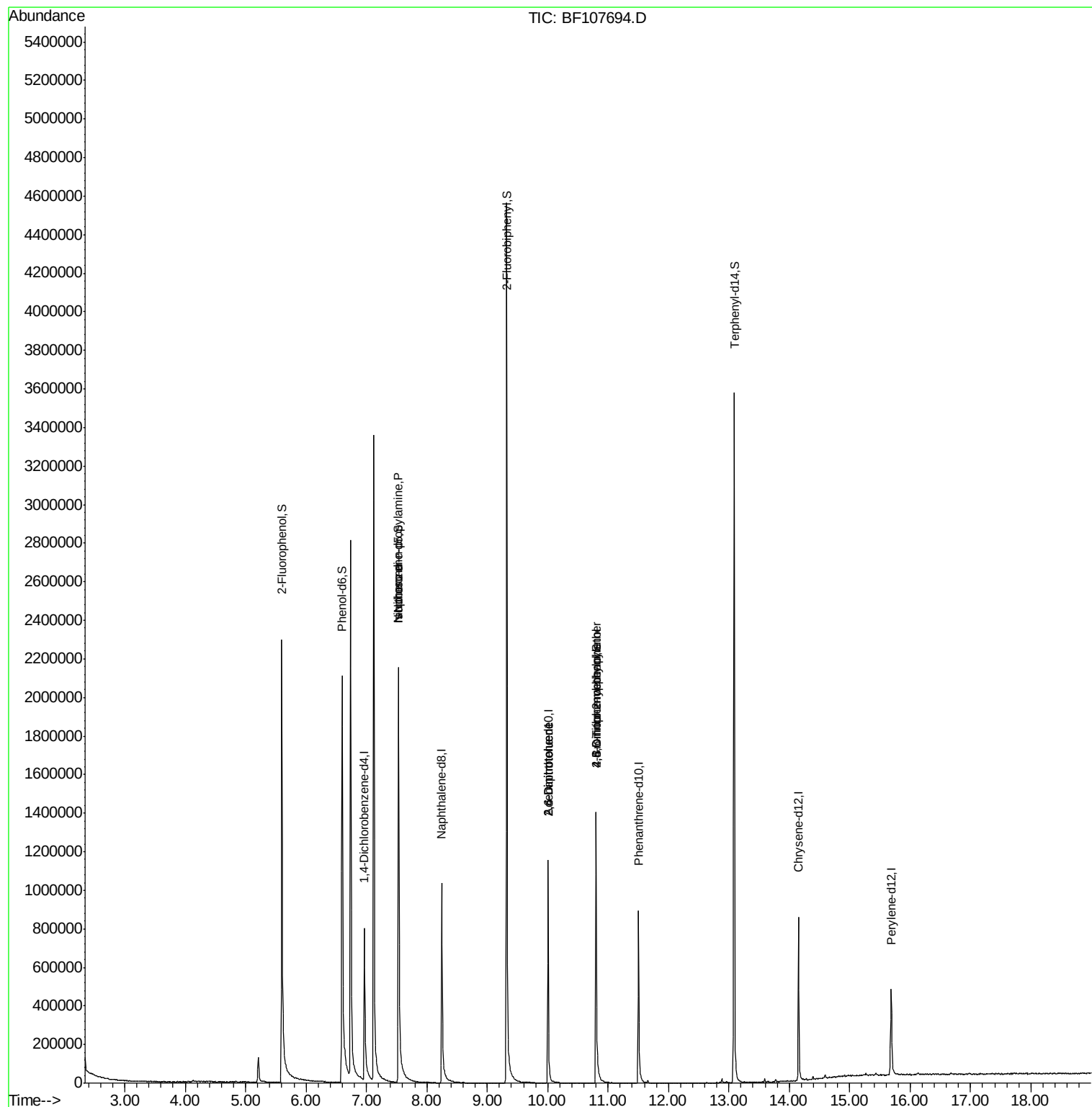
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.60	77	1150	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.53	70	127548	14.724	ng	# 79
25) Isophorone	7.53	82	976074	47.293	ng	# 64
50) 2,6-Dinitrotoluene	10.01	165	31102	8.411	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	31268	7.005	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	239	8.772	ng	# 17
66) 4-Bromophenyl-phenylether	10.80	248	13643	2.611	ng	# 1
73) Di-n-butylphthalate	12.05	149	258	Below Cal	#	78
81) 3,3'-Dichlorobenzidine	14.11	252	115	Below Cal	#	27

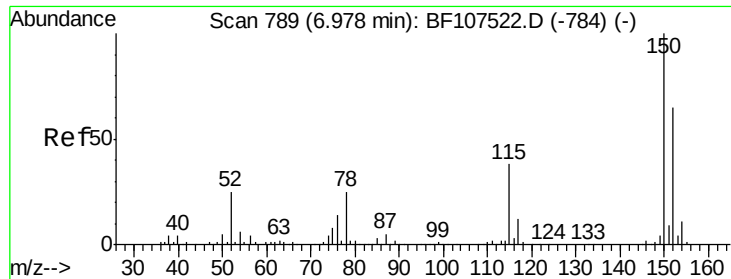
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072518\
Data File : BF107694.D
Acq On : 26 Jul 2018 9:03
Operator : JU/SJ
Sample : PB111438BL
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111438BL

Quant Time: Jul 26 10:57:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



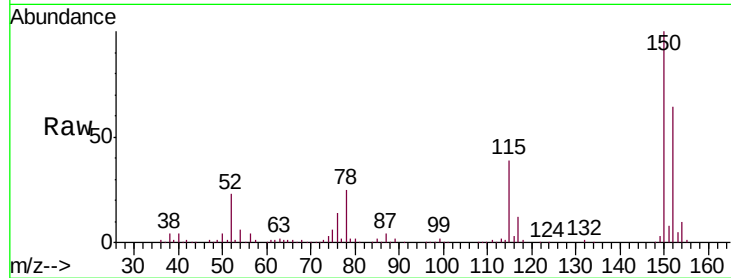


#1

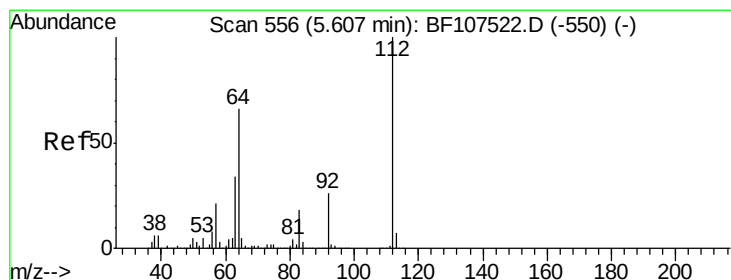
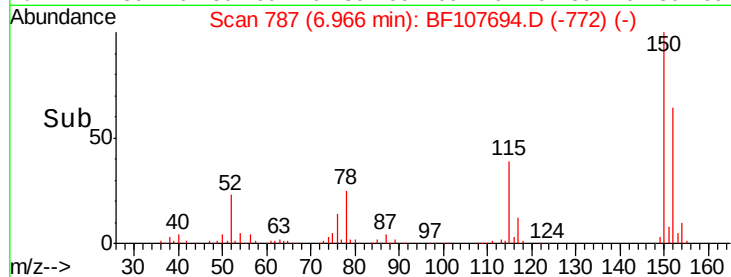
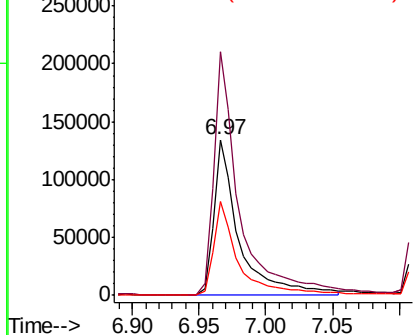
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107694.D
 Acq: 26 Jul 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB111438BL

Tgt Ion:152 Resp: 179546
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.6 186.8
 115 60.7 50.1 75.1



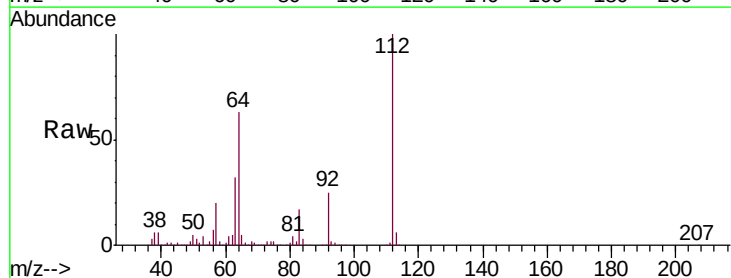
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



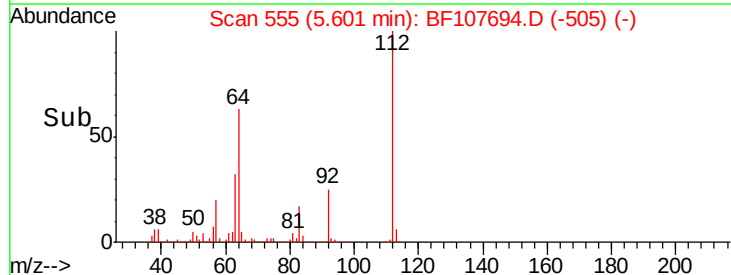
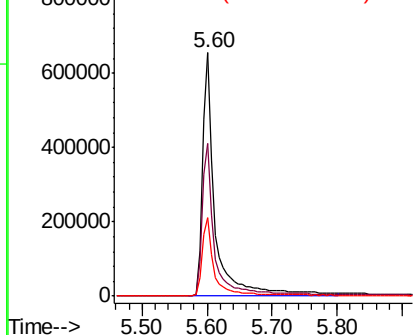
#5

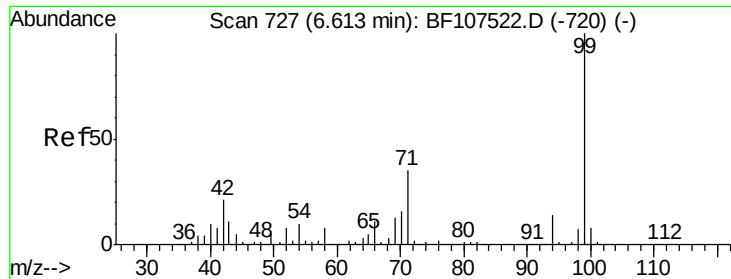
2-Fluorophenol
 Concen: 79.782 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF107694.D
 Acq: 26 Jul 2018 9:03

Tgt Ion:112 Resp: 890940
 Ion Ratio Lower Upper
 112 100
 64 63.0 47.9 71.9
 63 32.5 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: 85.830 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107694.D

Acq: 26 Jul 2018 9:03

Instrument :

BNA_F

ClientSampleId :

PB111438BL

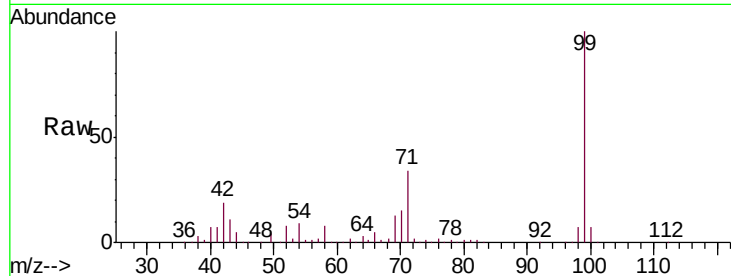
Tgt Ion: 99 Resp: 1150883

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

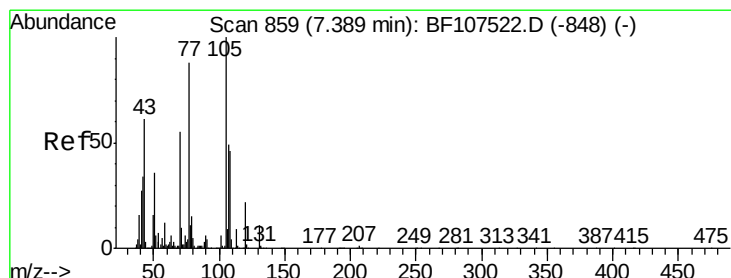
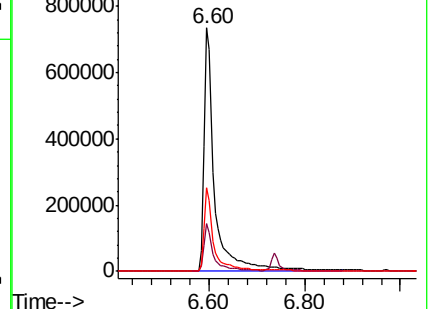
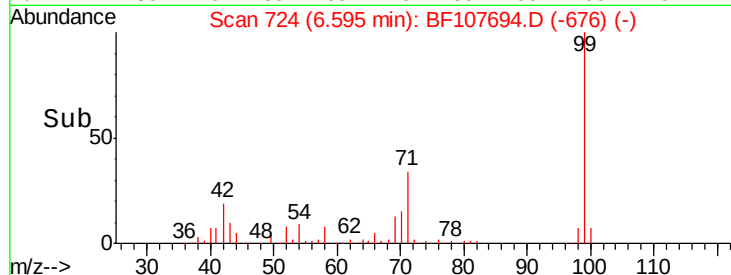
71 34.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.724 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF107694.D

Acq: 26 Jul 2018 9:03

Tgt Ion: 70 Resp: 127548

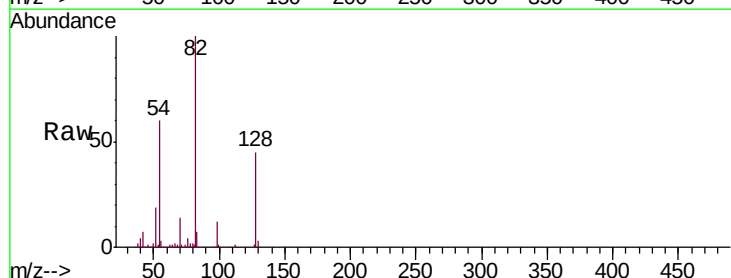
Ion Ratio Lower Upper

70 100

42 48.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

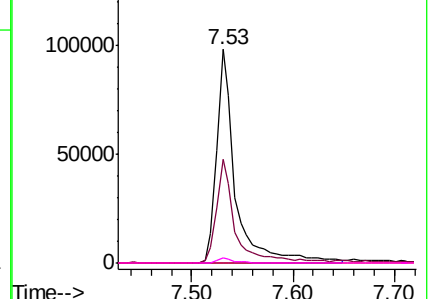
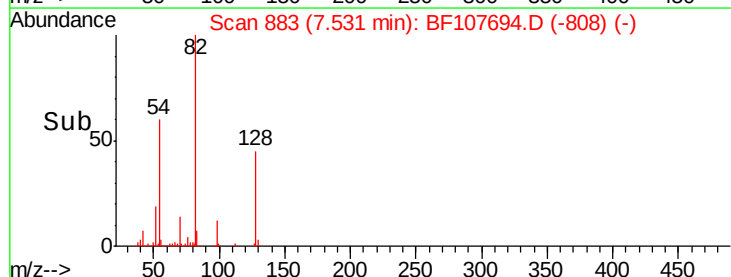


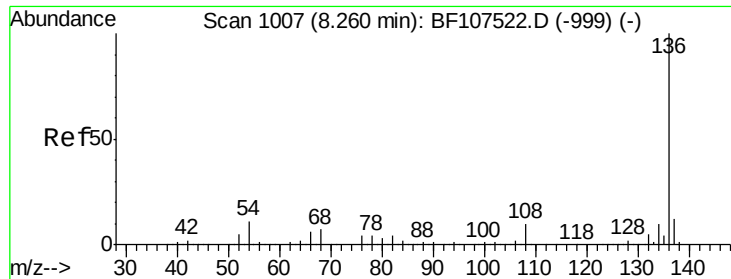
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

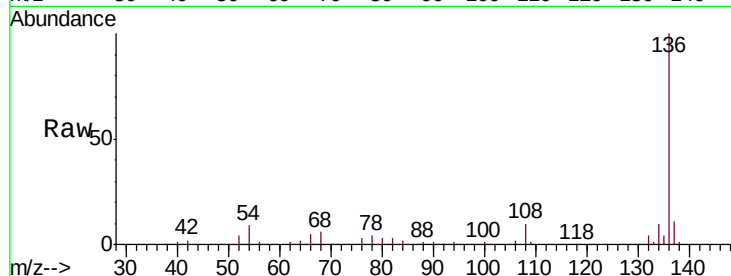




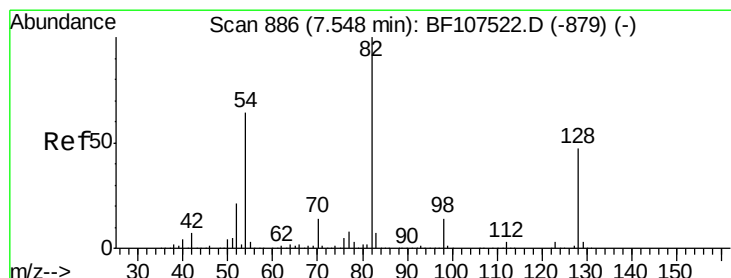
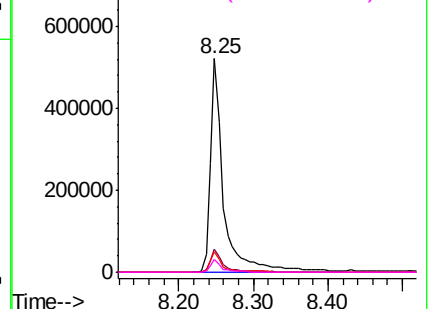
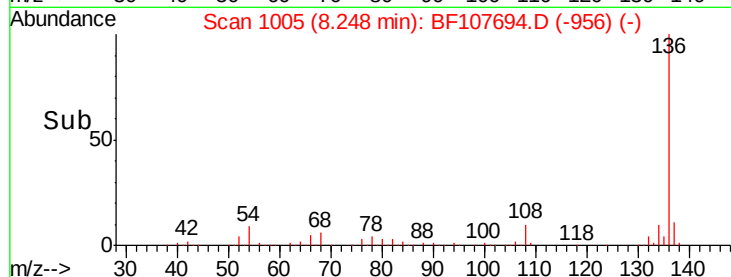
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107694.D
Acq: 26 Jul 2018 9:03

Instrument :
BNA_F
ClientSampleId :
PB111438BL

Tgt Ion:	136	Resp:	652349
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.4	6.6	9.8
68	5.9	5.0	7.4

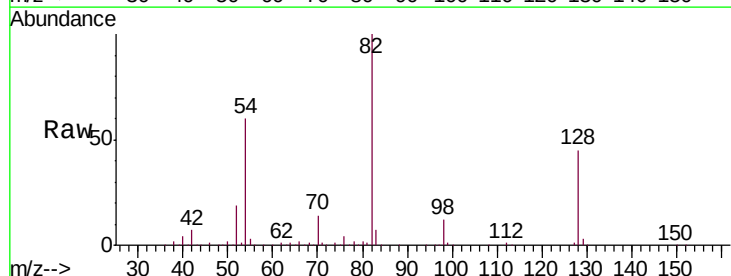


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

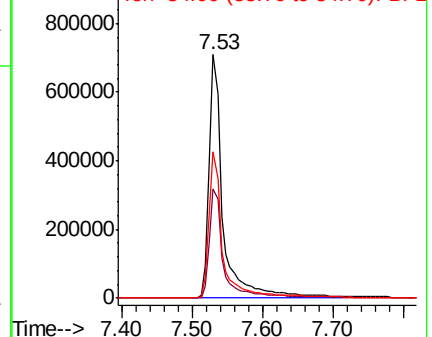
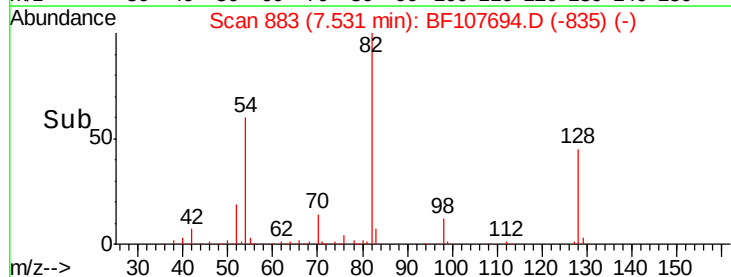


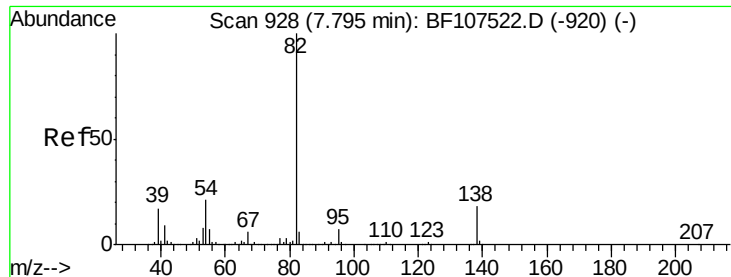
#23
Nitrobenzene-d5
Concen: 100.978 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107694.D
Acq: 26 Jul 2018 9:03

Tgt Ion:	82	Resp:	976074
Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	60.0	41.4	62.2



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: 47.293 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF107694.D

Acq: 26 Jul 2018 9:03

Instrument :

BNA_F

ClientSampleId :

PB111438BL

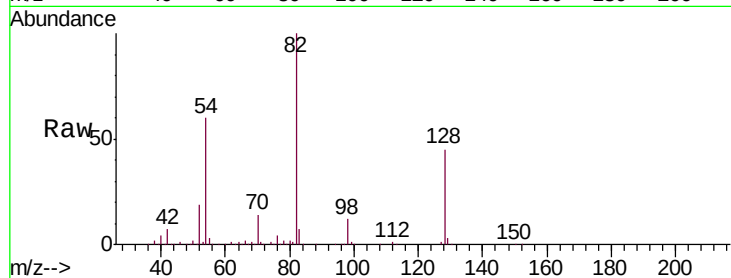
Tgt Ion: 82 Resp: 976074

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

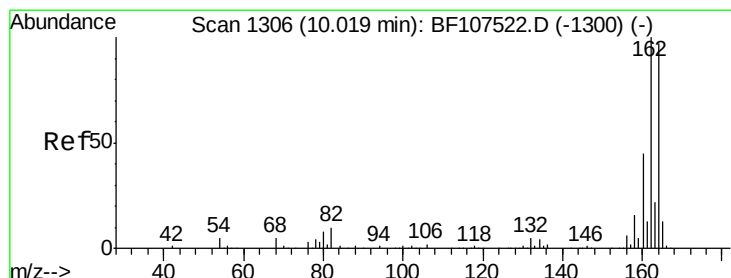
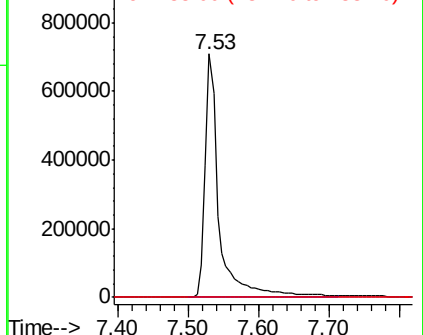
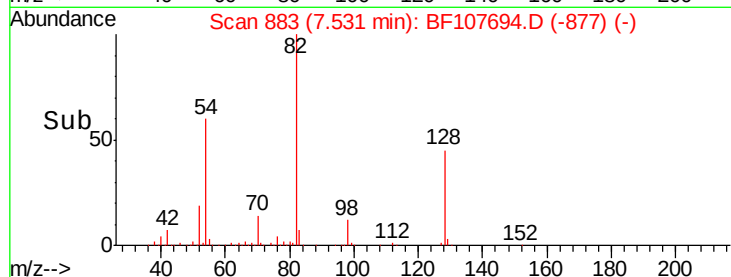
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF107694.D

Acq: 26 Jul 2018 9:03

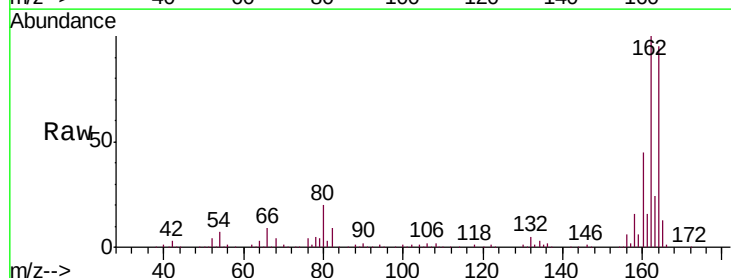
Tgt Ion: 164 Resp: 247127

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

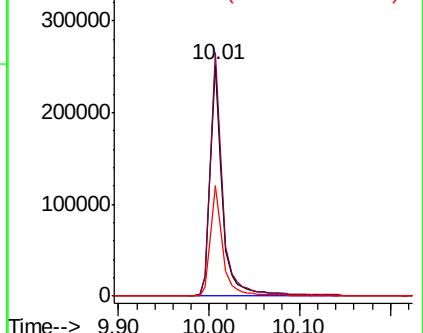
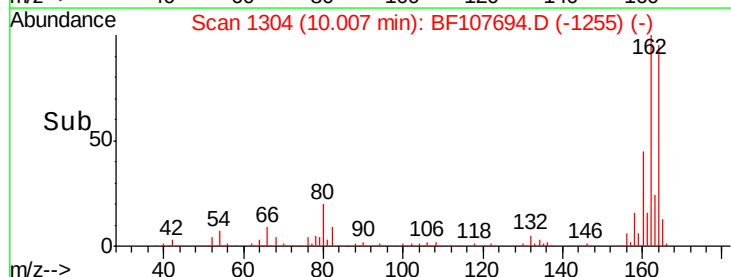
160 47.7 38.3 57.5

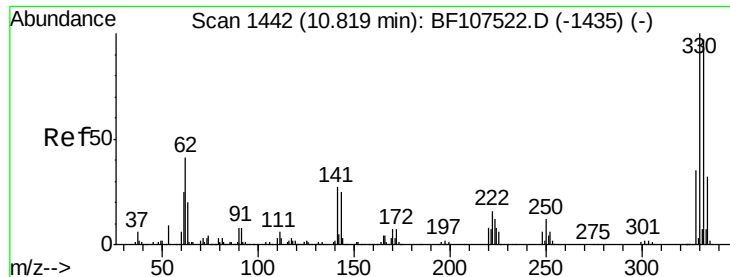


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

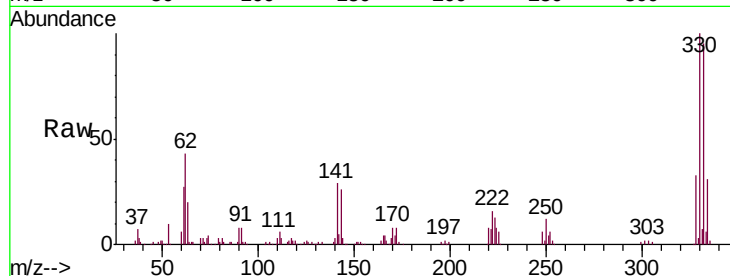




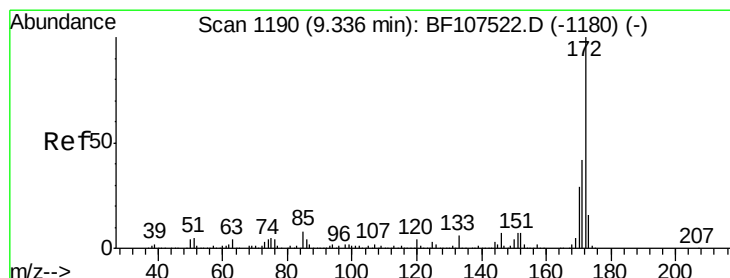
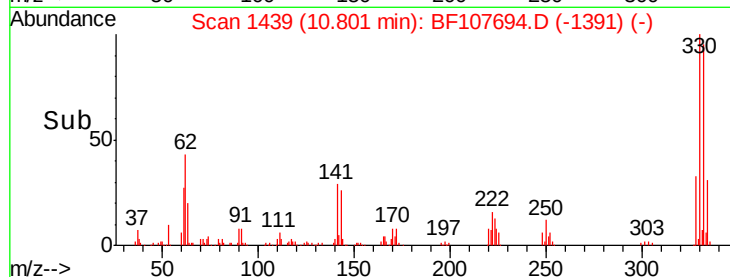
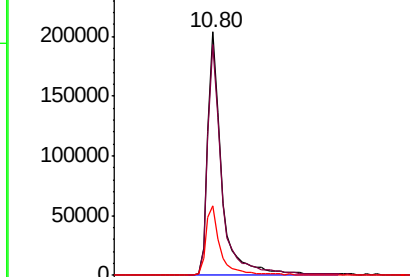
#41
 2,4,6-Tribromophenol
 Concen: 87.238 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107694.D
 Acq: 26 Jul 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB111438BL

Tgt Ion:330 Resp: 245158
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 30.1 29.9 44.9

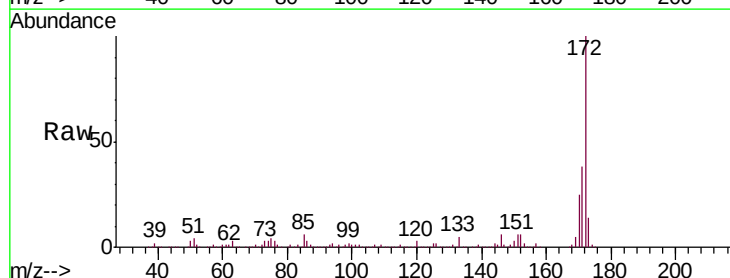


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

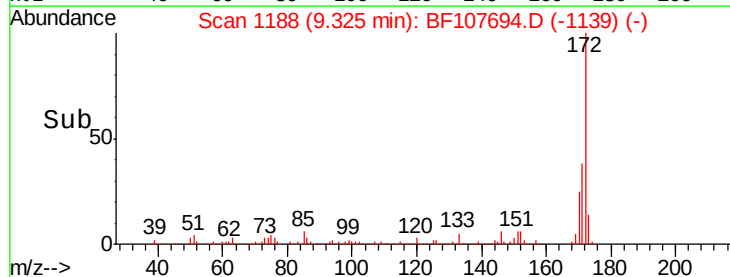
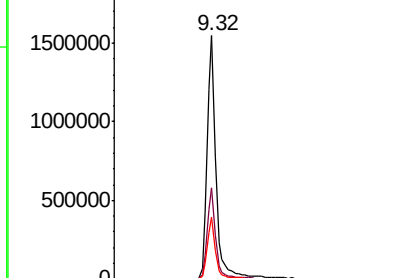


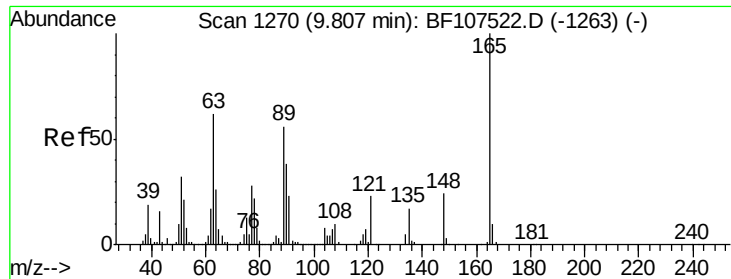
#44
 2-Fluorobiphenyl
 Concen: 148.261 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107694.D
 Acq: 26 Jul 2018 9:03

Tgt Ion:172 Resp: 1747019
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.7 44.5
 170 25.2 19.6 29.4



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

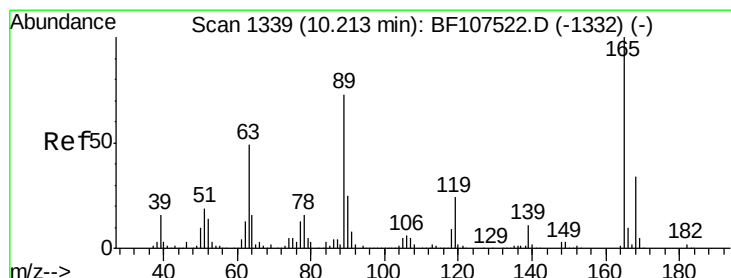
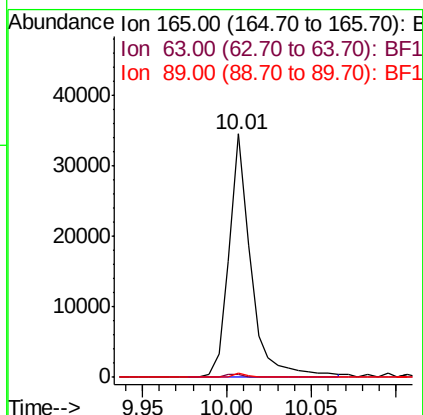
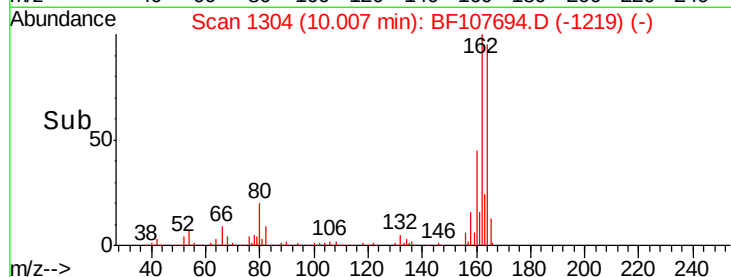
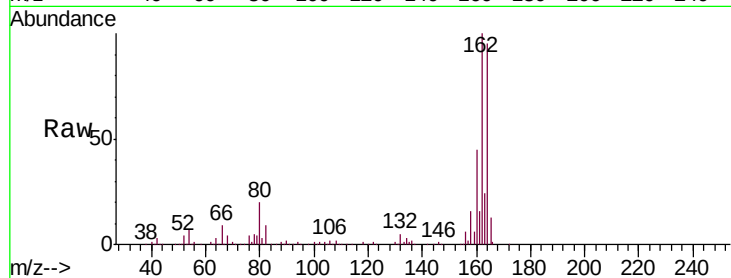




#50
 2,6-Dinitrotoluene
 Concen: 8.411 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF107694.D
 Acq: 26 Jul 2018 9:03

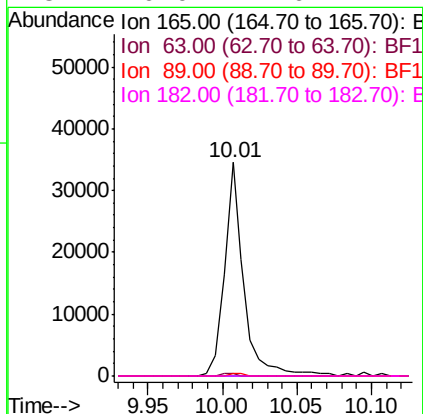
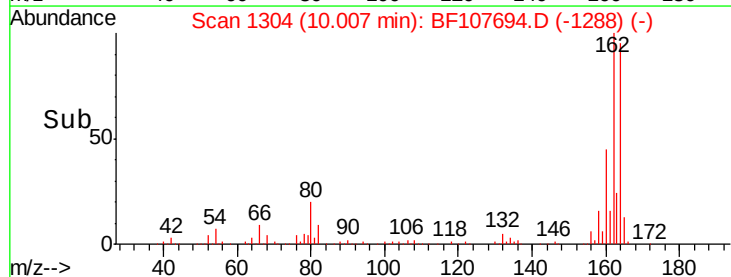
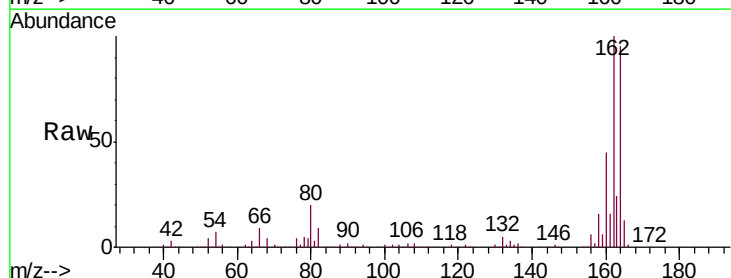
Instrument :
 BNA_F
 ClientSampleId :
 PB111438BL

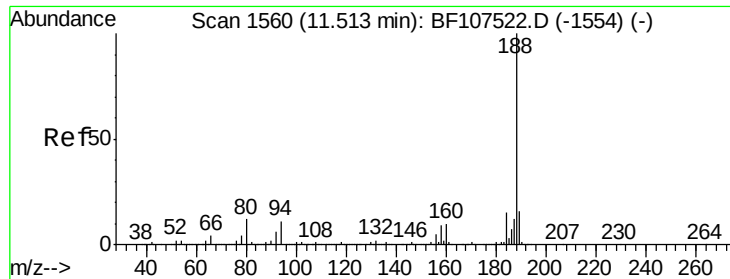
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.005 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF107694.D
 Acq: 26 Jul 2018 9:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

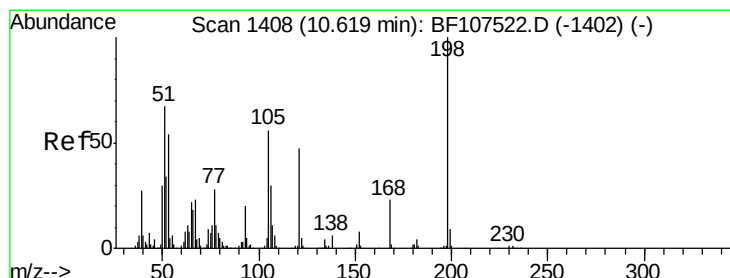
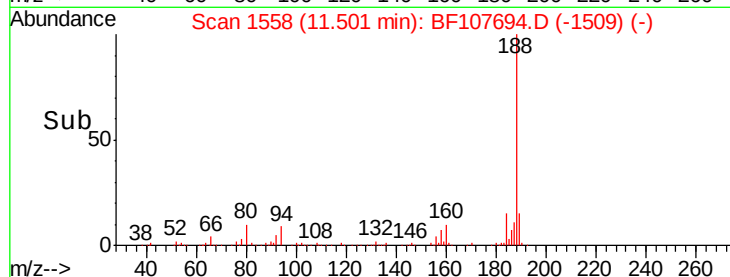
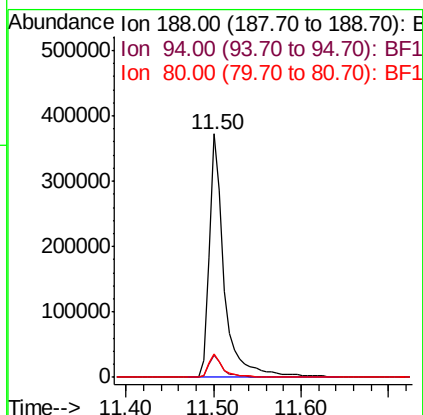
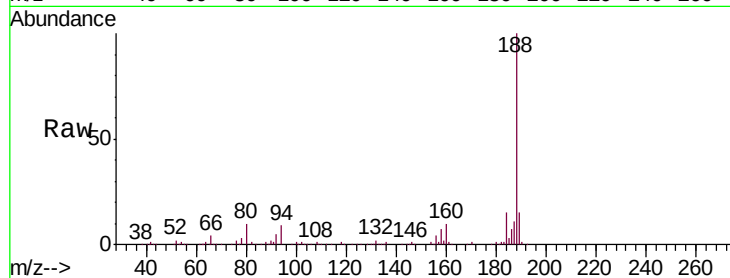




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107694.D
Acq: 26 Jul 2018 9:03

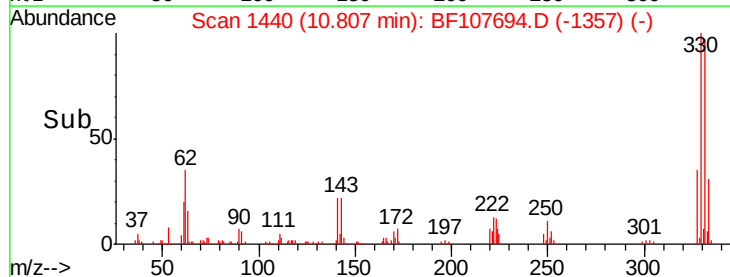
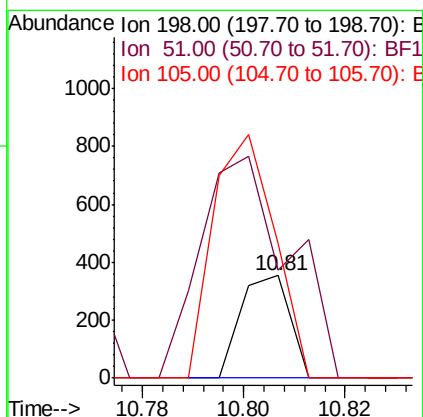
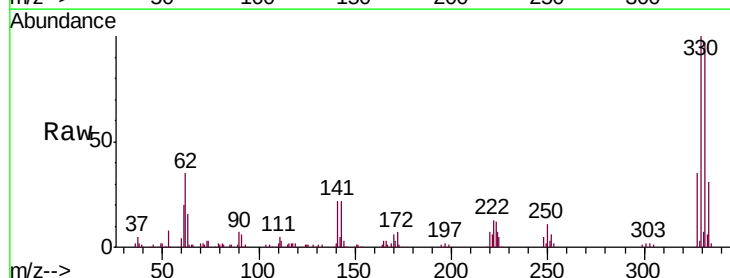
Instrument :
BNA_F
ClientSampleId :
PB111438BL

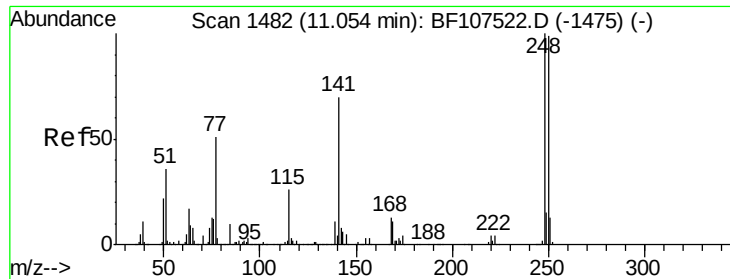
Tgt Ion:188 Resp: 443830
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.772 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF107694.D
Acq: 26 Jul 2018 9:03

Tgt Ion:198 Resp: 239
Ion Ratio Lower Upper
198 100
51 105.4 37.7 77.7#
105 131.4 36.3 76.3#

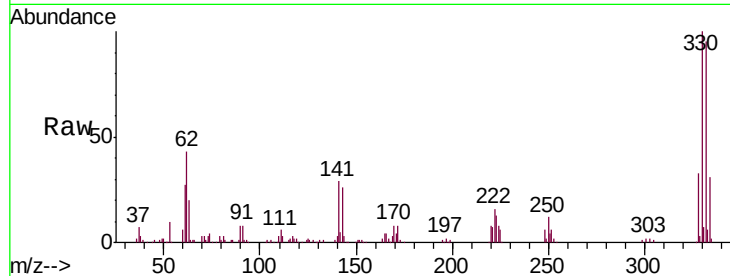




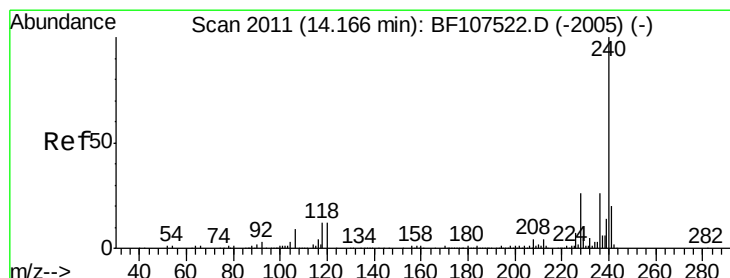
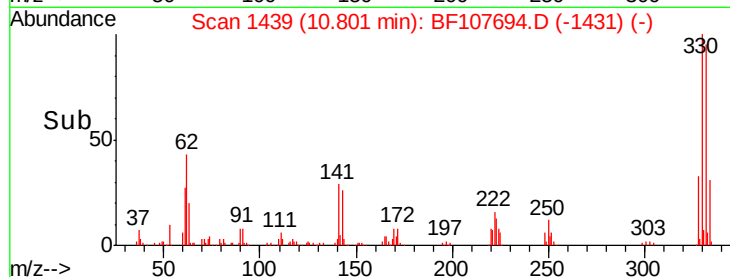
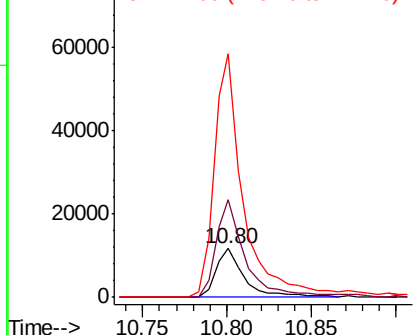
#66
 4-Bromophenyl-phenylether
 Concen: 2.611 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF107694.D
 Acq: 26 Jul 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB111438BL

Tgt Ion:248 Resp: 13643
 Ion Ratio Lower Upper
 248 100
 250 202.3 76.9 115.3#
 141 501.0 74.4 111.6#

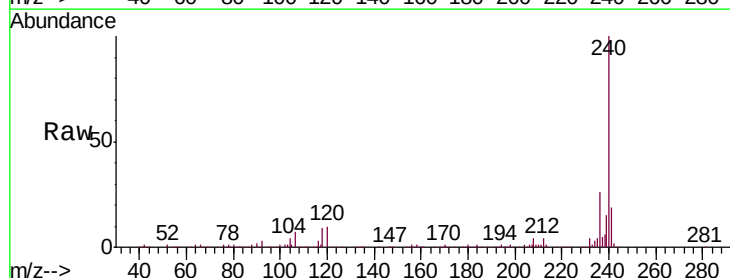


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

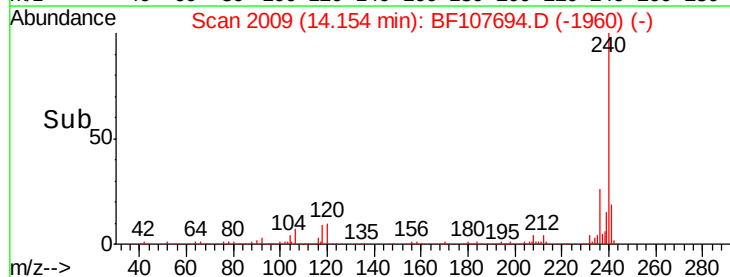
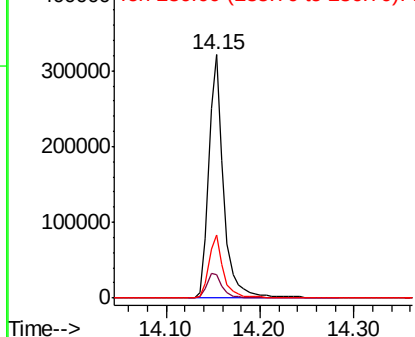


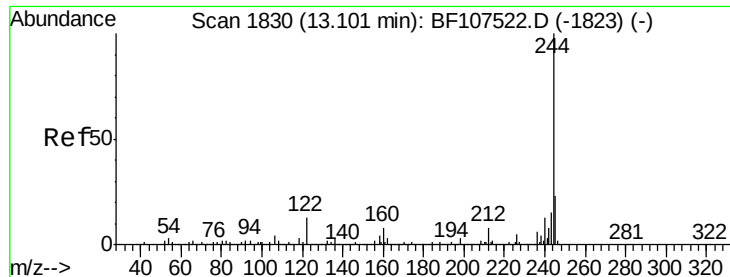
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF107694.D
 Acq: 26 Jul 2018 9:03

Tgt Ion:240 Resp: 356777
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.5 14.3
 236 26.0 20.7 31.1



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





#78

Terphenyl-d14

Concen: 101.037 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107694.D

Acq: 26 Jul 2018 9:03

Instrument :

BNA_F

ClientSampleId :

PB111438BL

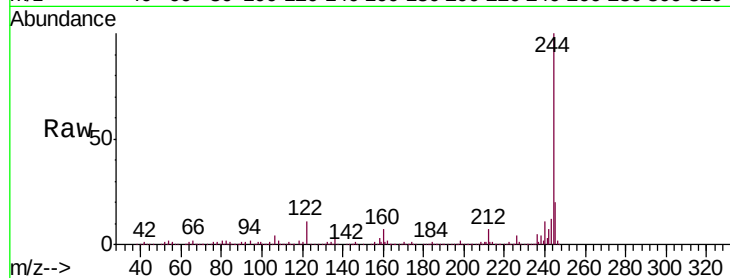
Tgt Ion:244 Resp: 1408058

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

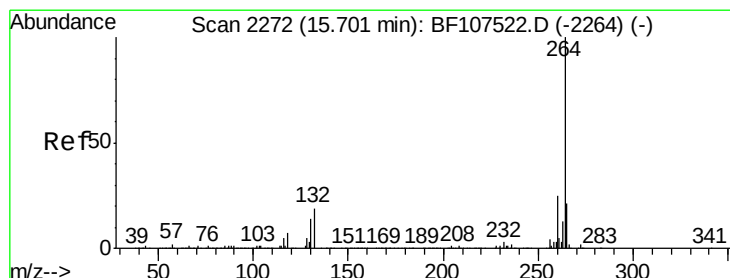
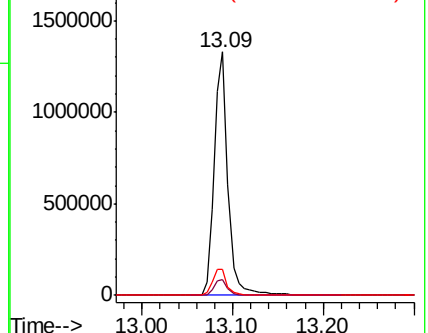
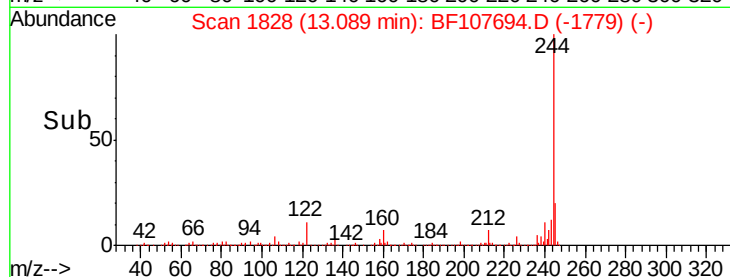
122 10.7 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF107694.D

Acq: 26 Jul 2018 9:03

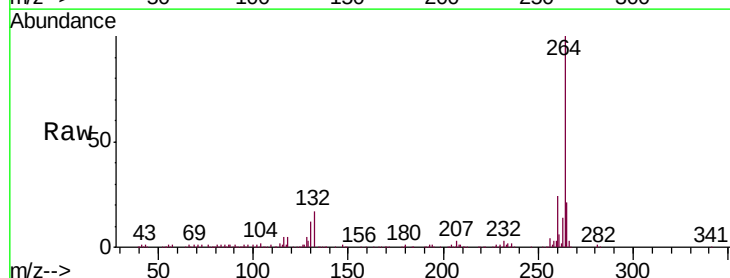
Tgt Ion:264 Resp: 280714

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.2 17.5 26.3



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

