

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106349.D
 Acq On : 12 Jun 2018 17:20
 Operator : JU/SJ
 Sample : J3415-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 01:09:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

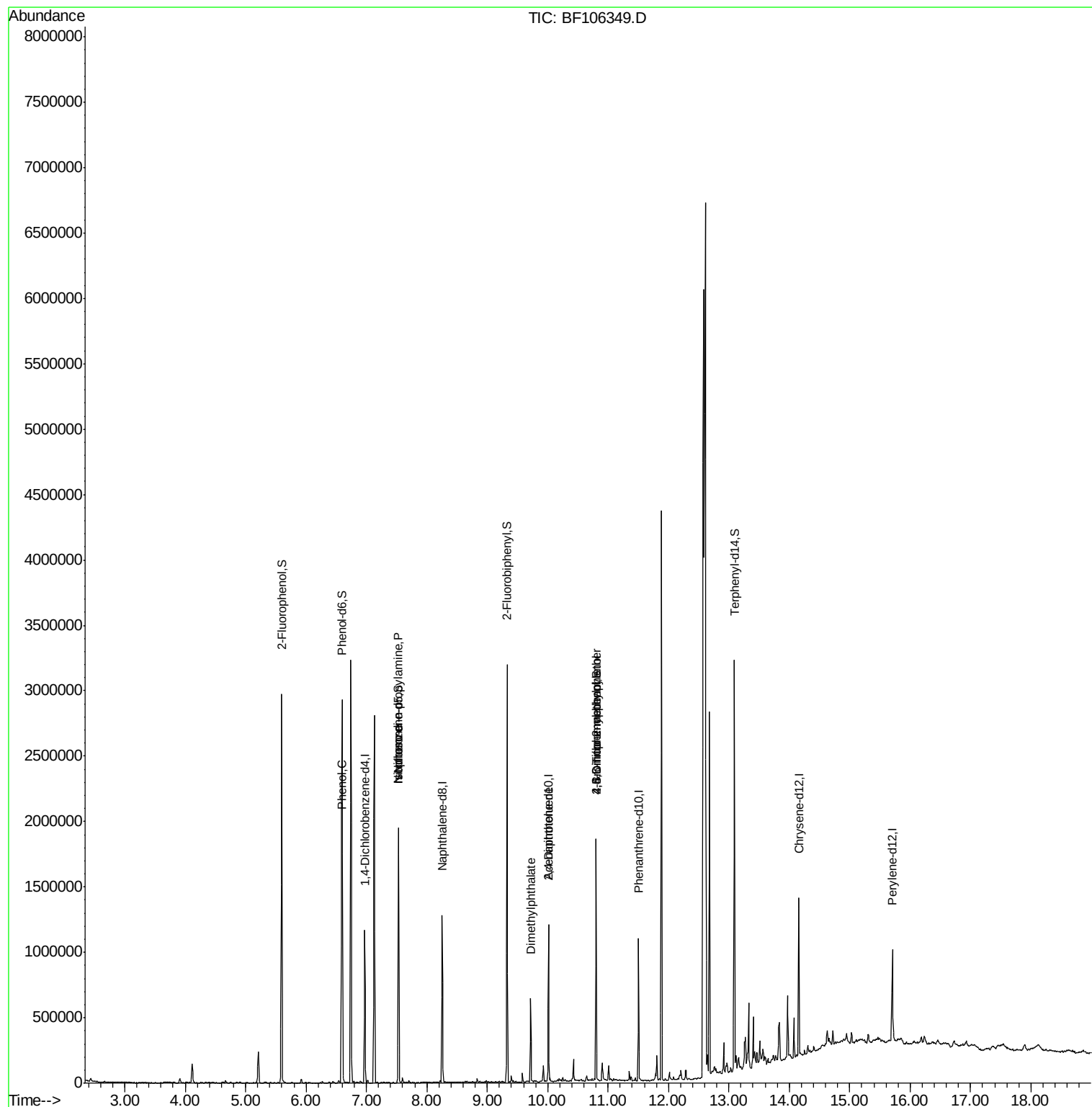
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147195	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	506128	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	203957	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	388580	20.00	ng	0.00
75) Chrysene-d12	14.16	240	444194	20.00	ng	0.00
86) Perylene-d12	15.71	264	334050	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	840106	96.60	ng	0.02
7) Phenol-d6	6.60	99	1018372	92.68	ng	0.00
23) Nitrobenzene-d5	7.53	82	637045	74.05	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	211280	107.66	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	966708	83.80	ng	0.00
78) Terphenyl-d14	13.09	244	1101609	61.60	ng	0.00
Target Compounds						
10) Phenol	6.61	94	34487	2.875	ng	98
19) n-Nitroso-di-n-propylamine	7.53	70	86002	10.433	ng	# 80
25) Isophorone	7.53	82	637029	37.908	ng	# 64
49) Dimethylphthalate	9.72	163	201938	13.858	ng	99
56) 2,4-Dinitrotoluene	10.01	165	26406	7.065	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.80	198	531	6.515	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14430	3.265	ng	# 1

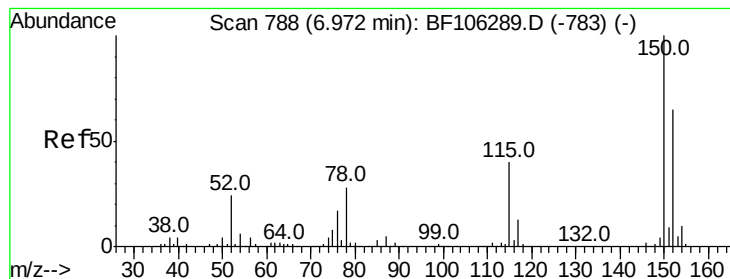
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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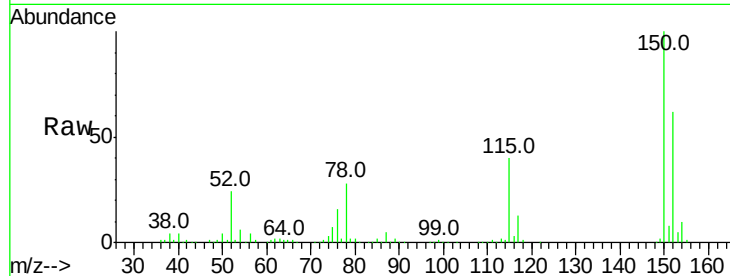


#1

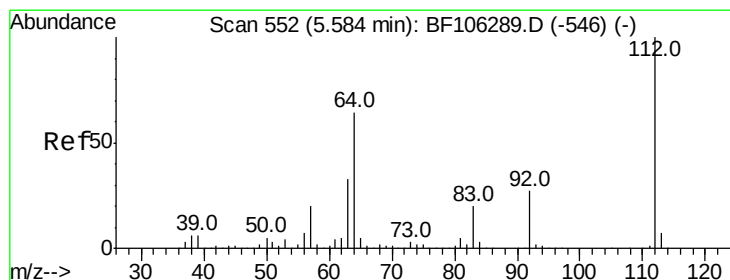
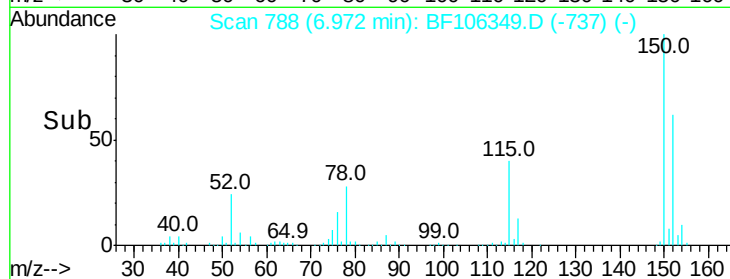
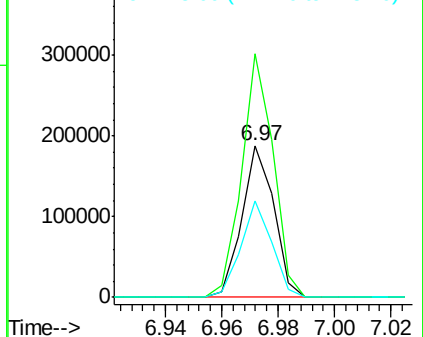
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106349.D
Acq: 12 Jun 2018 17:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	63.6	50.1	75.1



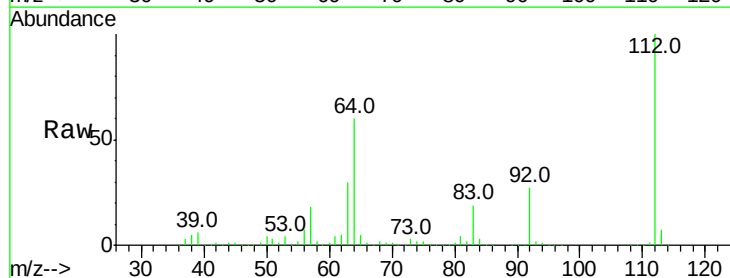
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



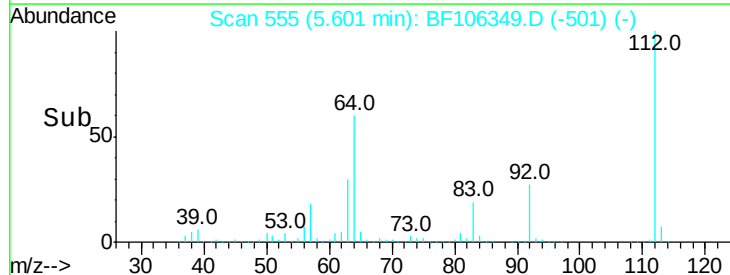
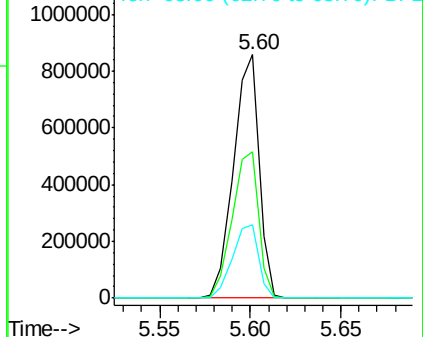
#5

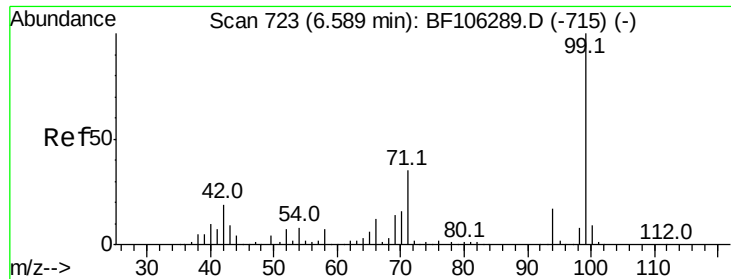
2-Fluorophenol
Concen: 96.598 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF106349.D
Acq: 12 Jun 2018 17:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.9	71.9
63	30.4	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: 92.683 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF106349.D

Acq: 12 Jun 2018 17:20

Instrument :

BNA_F

ClientSampleId :

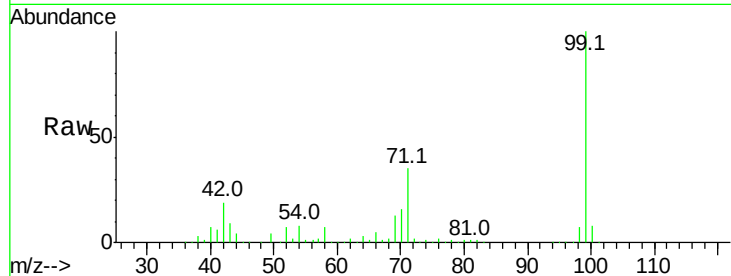
Tot Ion: 99 Resp: 1018372

Ion Ratio Lower Upper

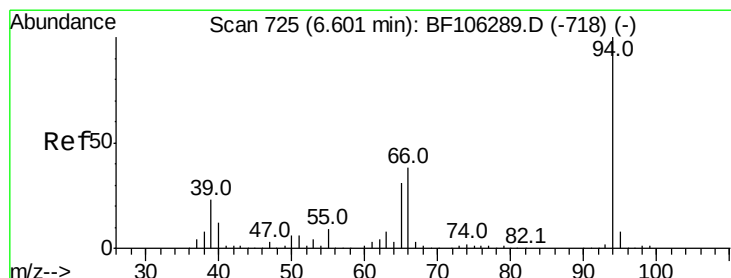
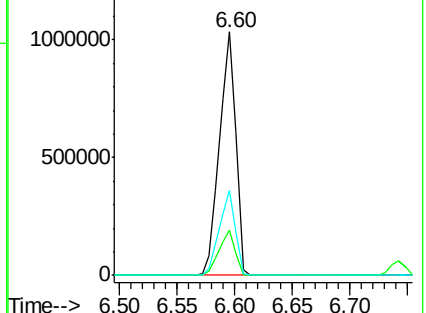
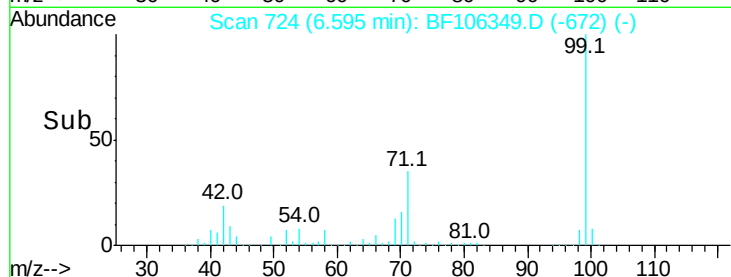
99 100

42 18.6 14.5 21.7

71 34.9 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



#10

Phenol

Concen: 2.875 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF106349.D

Acq: 12 Jun 2018 17:20

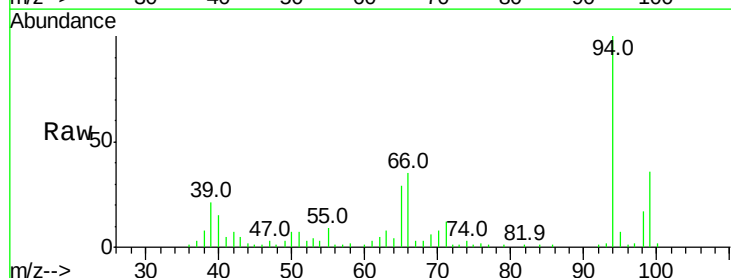
Tgt Ion: 94 Resp: 34487

Ion Ratio Lower Upper

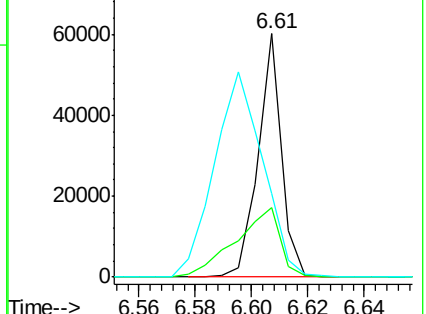
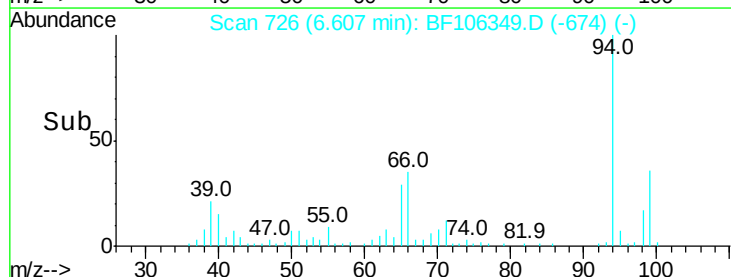
94 100

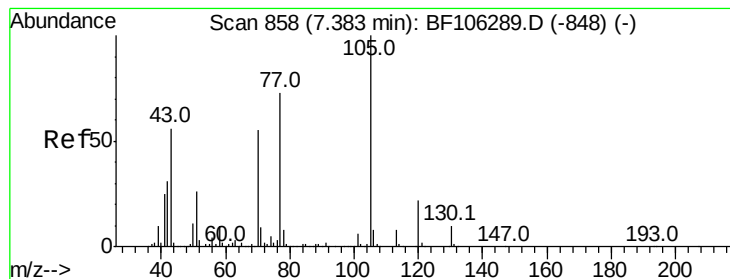
65 28.7 7.9 47.9

66 34.6 16.2 56.2



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: 10.433 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106349.D

Acq: 12 Jun 2018 17:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 86002

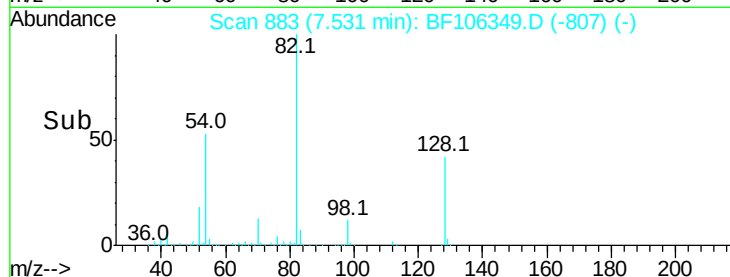
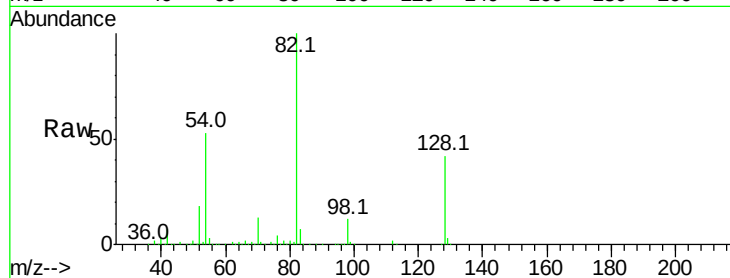
Ion Ratio Lower Upper

70 100

42 49.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

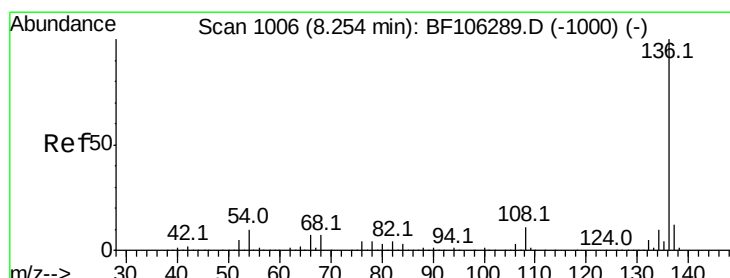
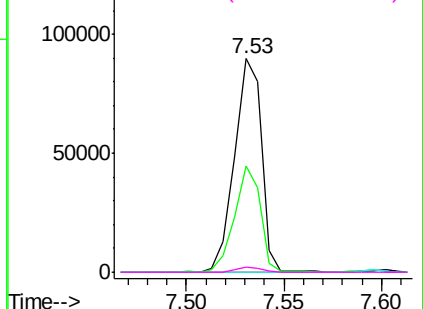


Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1006

Delta R.T. 0.00 min

Lab File: BF106349.D

Acq: 12 Jun 2018 17:20

Tgt Ion:136 Resp: 506128

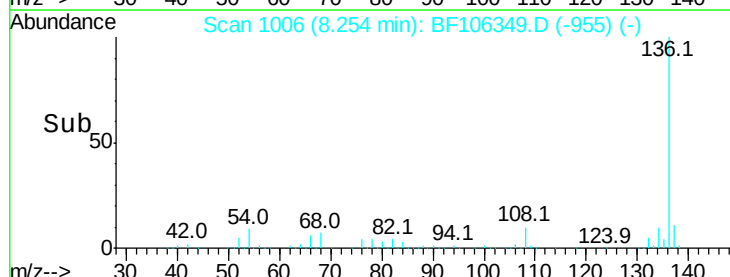
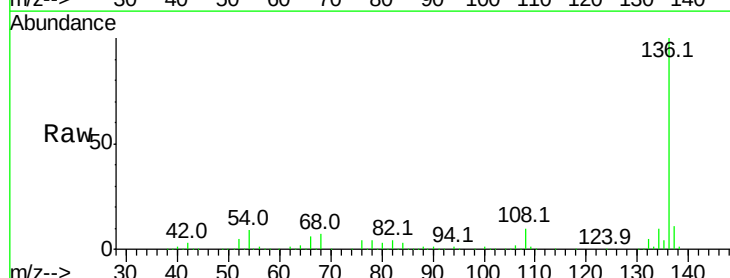
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.7 6.6 9.8

68 7.2 5.0 7.4

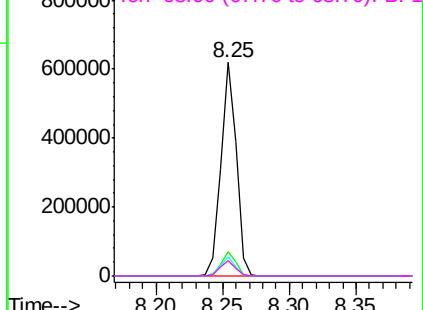


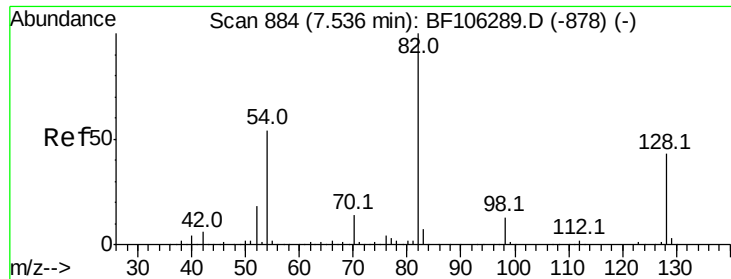
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

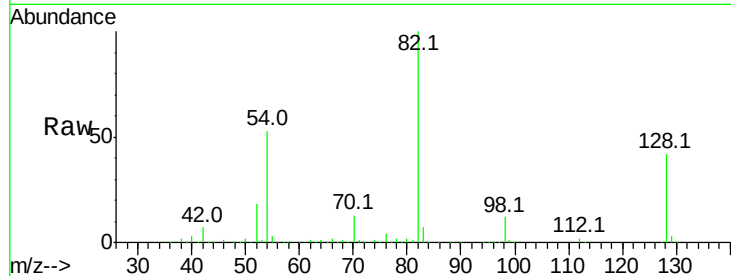




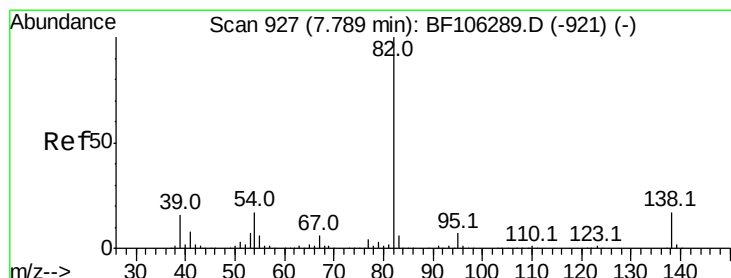
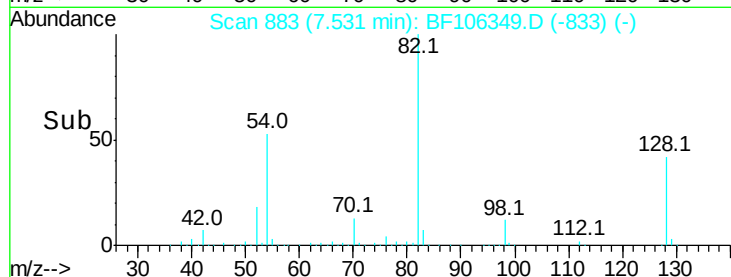
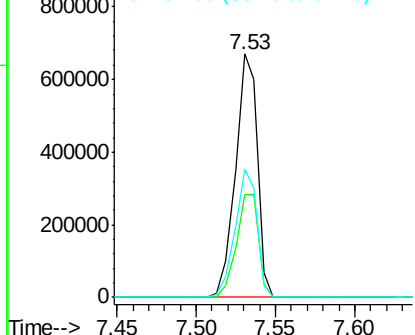
#23
Nitrobenzene-d5
Concen: 74.045 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106349.D
Acq: 12 Jun 2018 17:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 637045
Ion Ratio Lower Upper
82 100
128 42.0 36.1 54.1
54 52.7 41.4 62.2

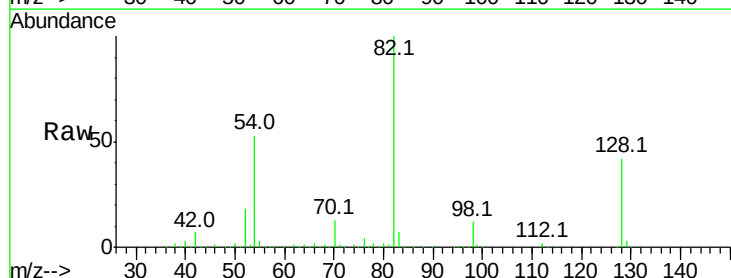


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

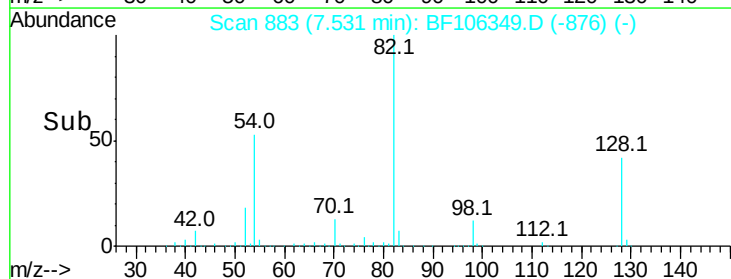
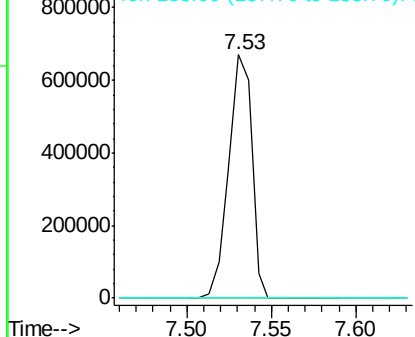


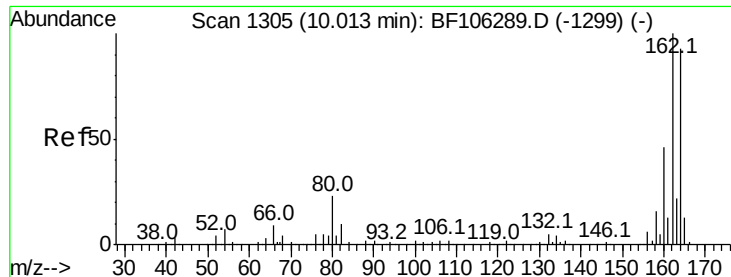
#25
Isophorone
Concen: 37.908 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106349.D
Acq: 12 Jun 2018 17:20

Tgt Ion: 82 Resp: 637029
Ion Ratio Lower Upper
82 100
95 0.1 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# 1305

Delta R.T. 0.00 min

Lab File: BF106349.D

Acq: 12 Jun 2018 17:20

Instrument :

BNA_F

ClientSampleId :

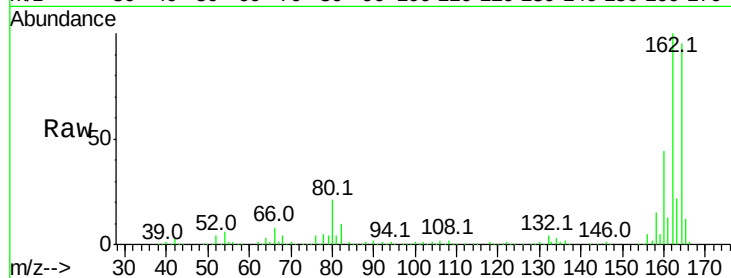
Tot Ion:164 Resp: 203957

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

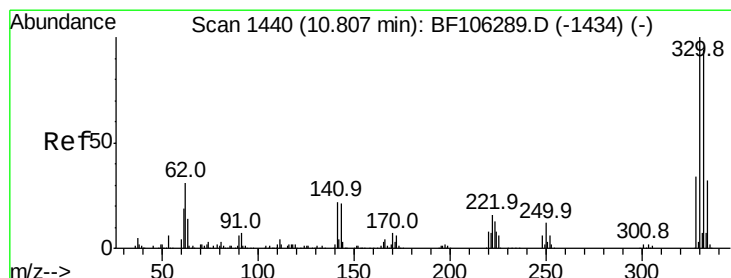
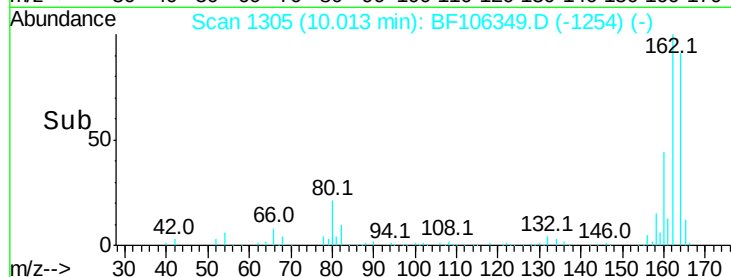
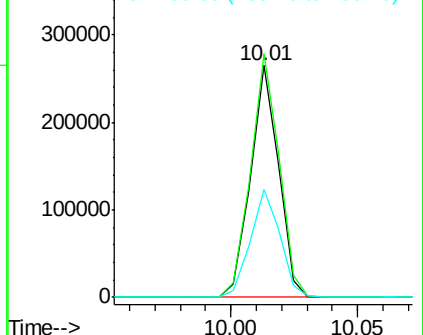
160 46.4 38.3 57.5



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: 107.663 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106349.D

Acq: 12 Jun 2018 17:20

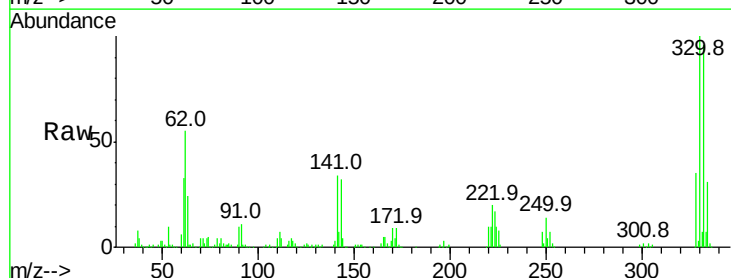
Tgt Ion:330 Resp: 211280

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

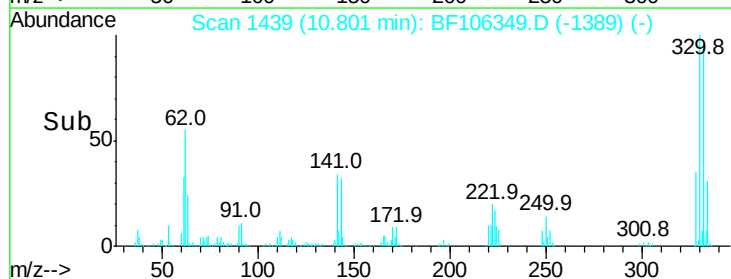
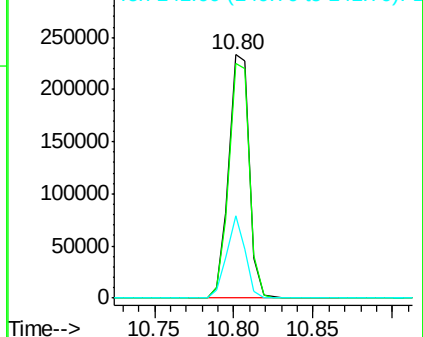
141 30.6 29.9 44.9

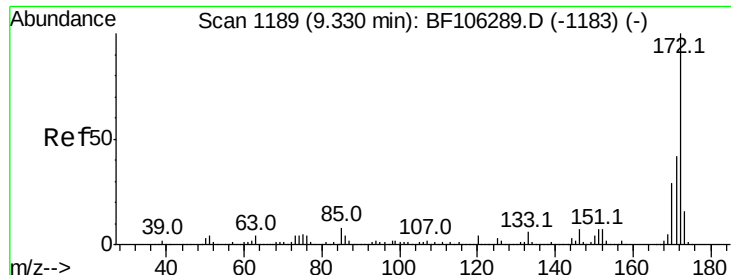


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

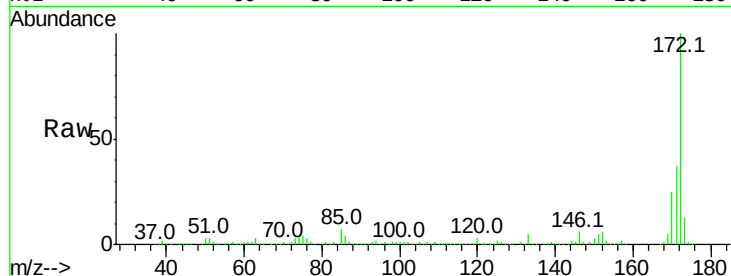




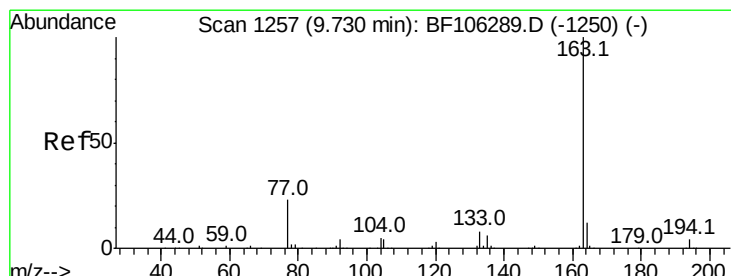
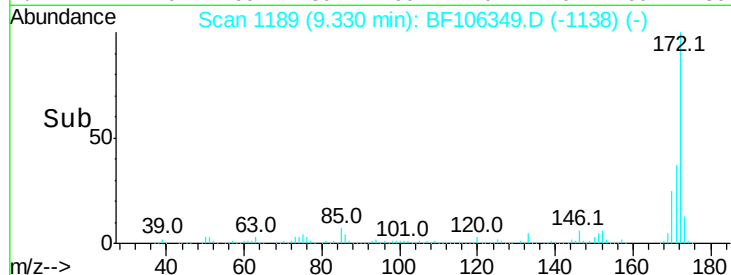
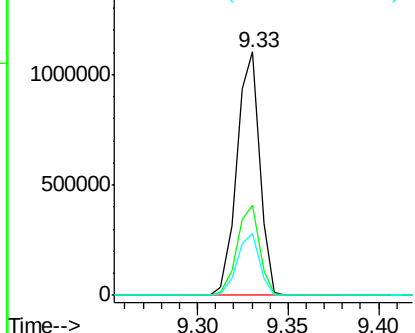
#44
2-Fluorobiphenyl
Concen: 83.796 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106349.D
Acq: 12 Jun 2018 17:20

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	25.3	19.6	29.4

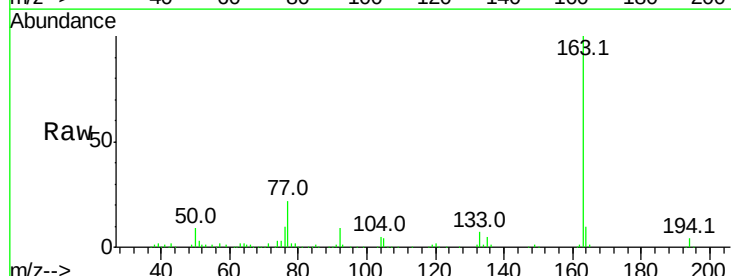


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

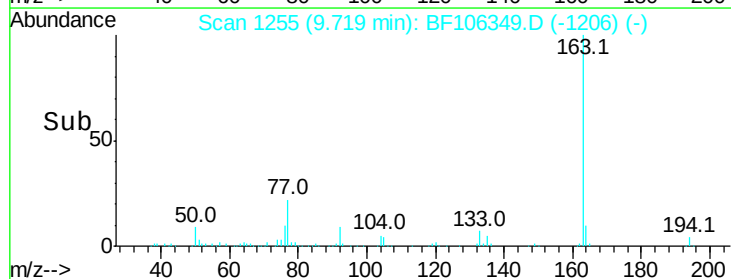
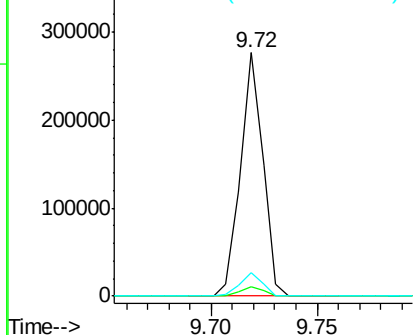


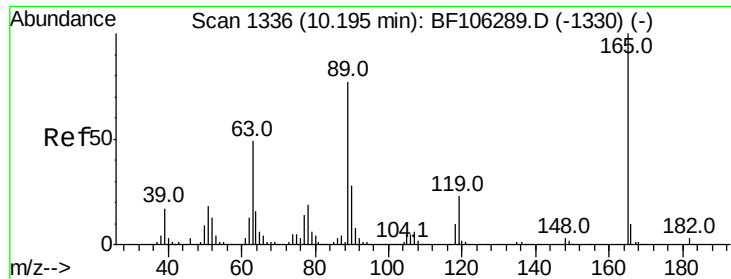
#49
Dimethylphthalate
Concen: 13.858 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106349.D
Acq: 12 Jun 2018 17:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.8	8.2	12.2



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

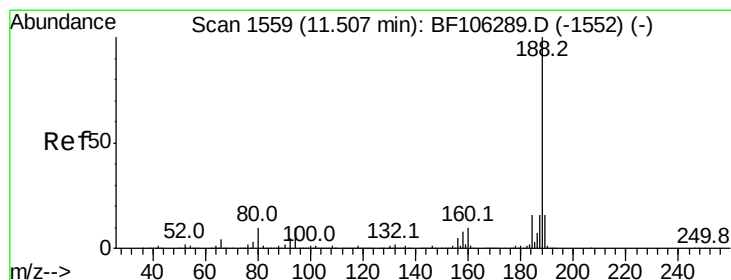
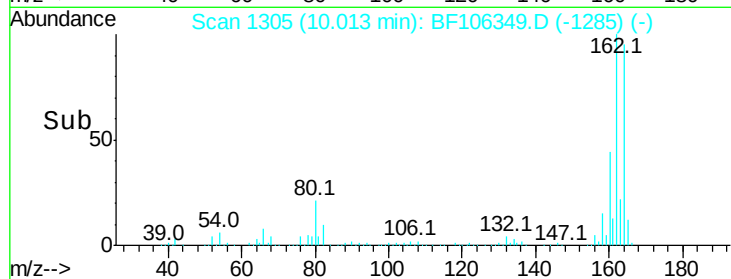
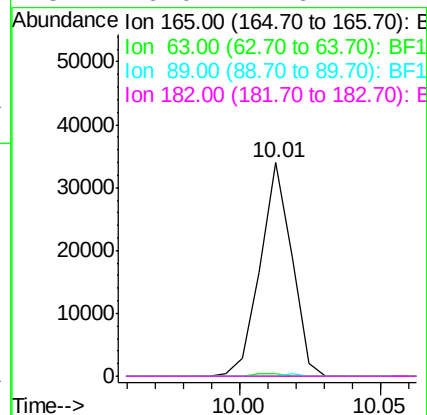
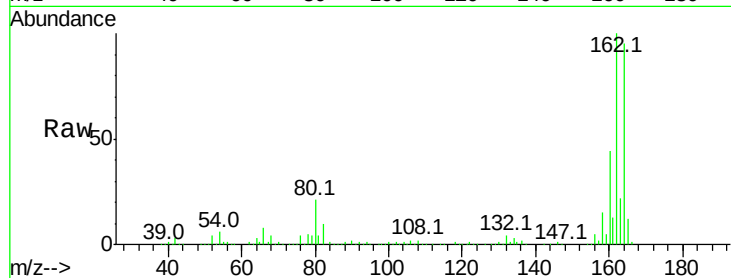




#56
2,4-Dinitrotoluene
Concen: 7.065 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106349.D
Acq: 12 Jun 2018 17:20

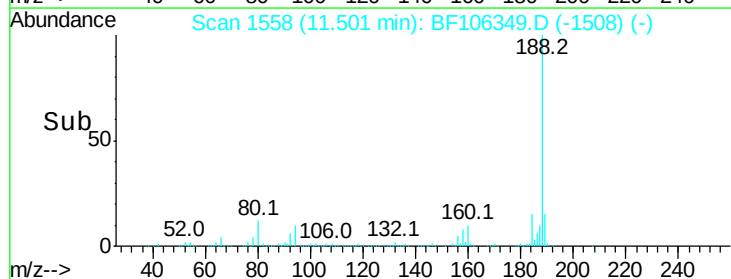
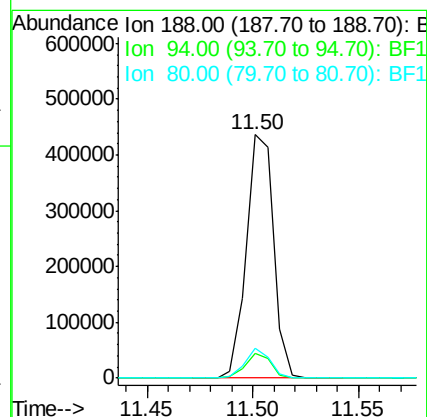
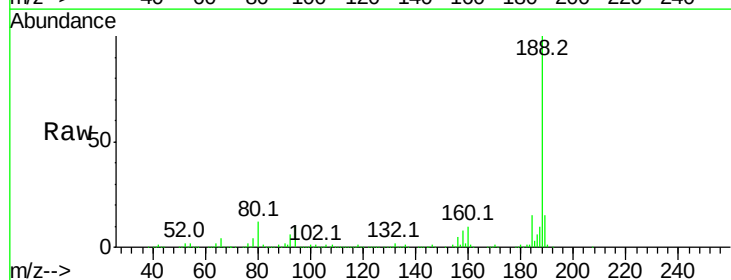
Instrument :
BNA_F
ClientSampled :

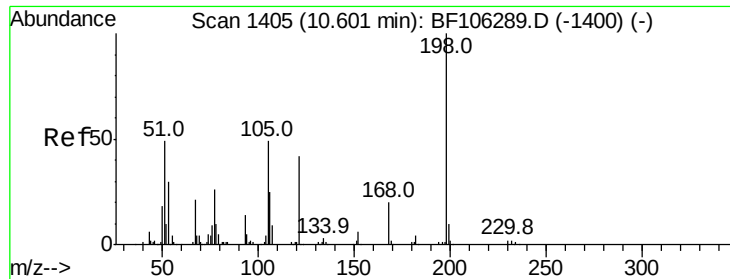
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106349.D
Acq: 12 Jun 2018 17:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	12.2	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 6.515 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF106349.D

Acq: 12 Jun 2018 17:20

Instrument :

BNA_F

ClientSampled :

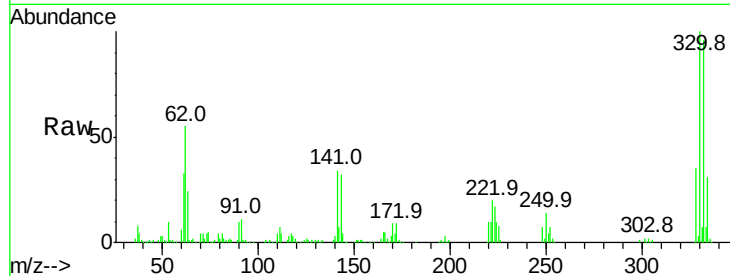
Tot Ion:198 Resp: 531

Ion Ratio Lower Upper

198 100

51 178.2 37.7 77.7#

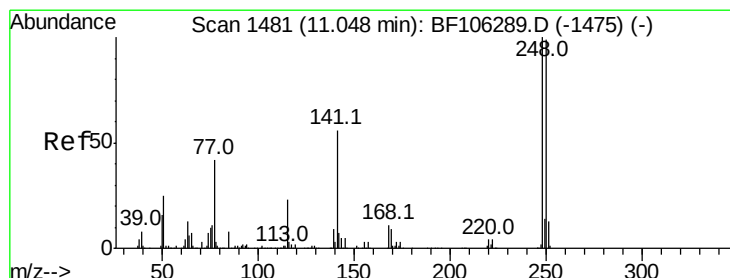
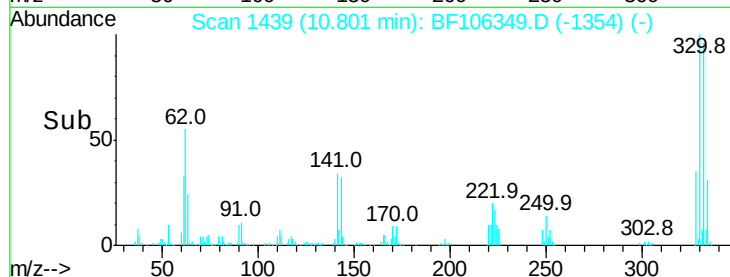
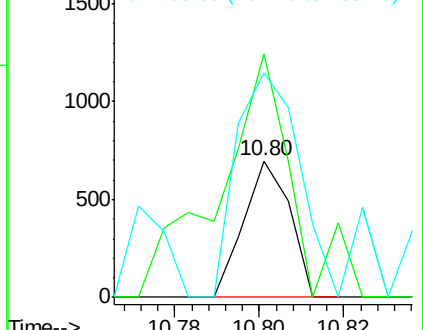
105 164.2 36.3 76.3#



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



#66

4-Bromophenyl-phenylether

Concen: 3.265 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.25 min

Lab File: BF106349.D

Acq: 12 Jun 2018 17:20

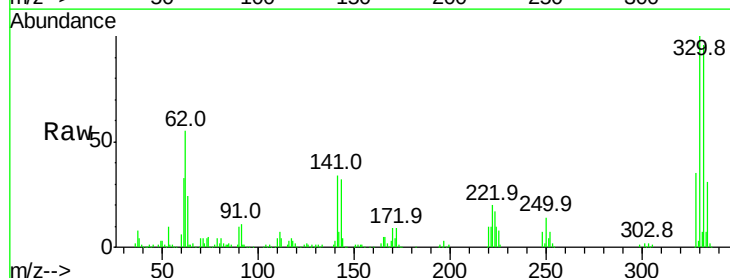
Tgt Ion:248 Resp: 14430

Ion Ratio Lower Upper

248 100

250 188.8 76.9 115.3#

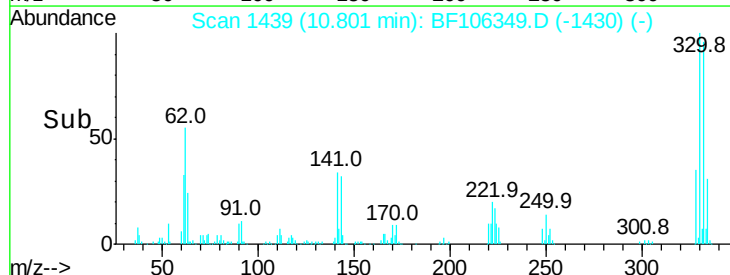
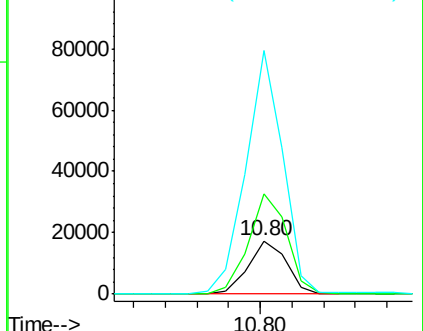
141 456.5 74.4 111.6#

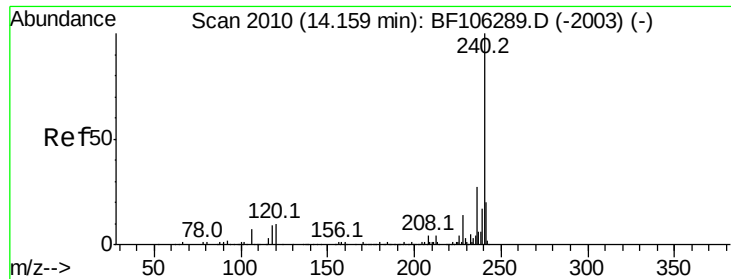


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.16 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF106349.D

Acq: 12 Jun 2018 17:20

Instrument :

BNA_F

ClientSampleId :

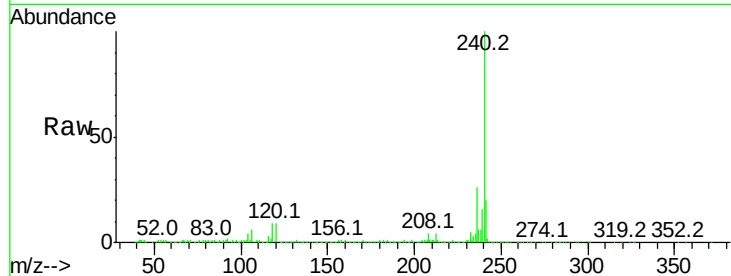
Tot Ion:240 Resp: 444194

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

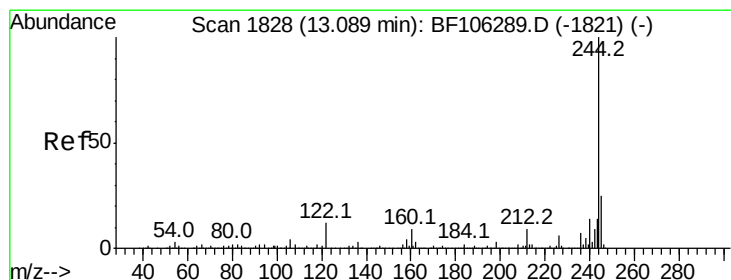
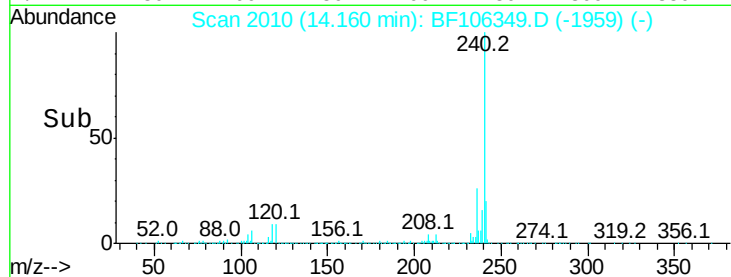
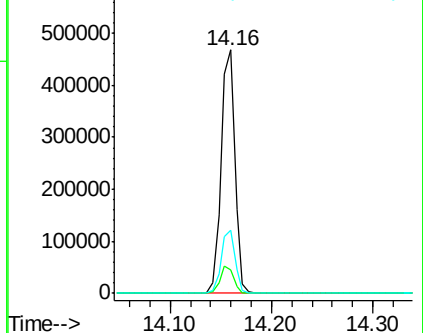
236 26.2 20.7 31.1



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: 61.598 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106349.D

Acq: 12 Jun 2018 17:20

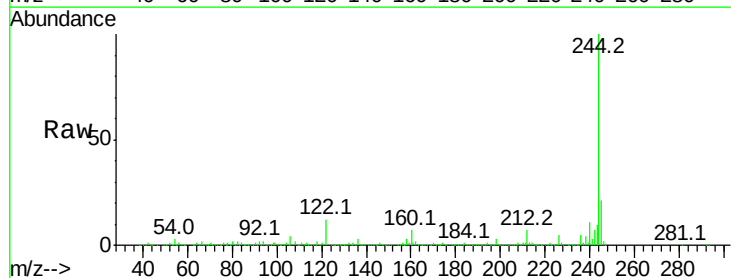
Tgt Ion:244 Resp: 1101609

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

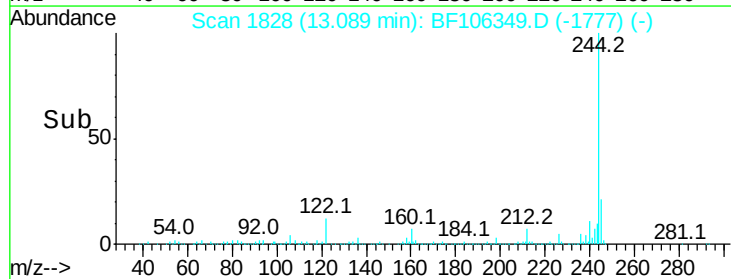
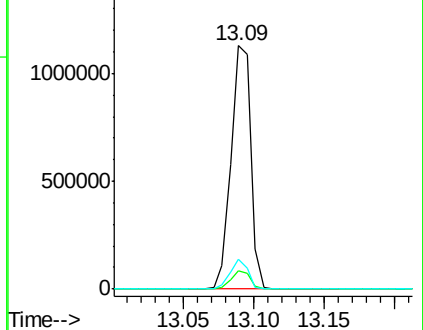
122 12.3 11.0 16.4

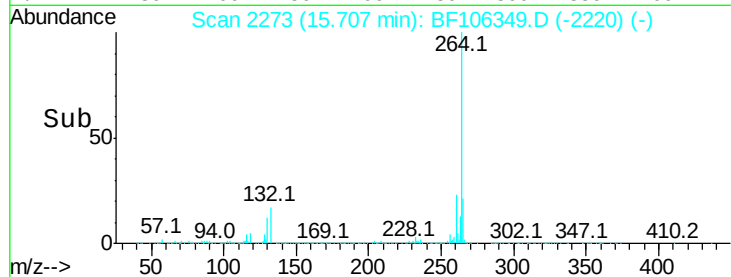
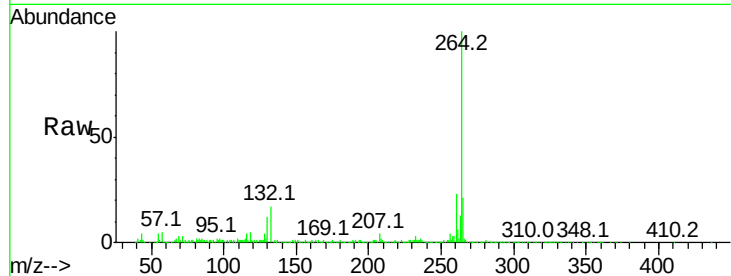
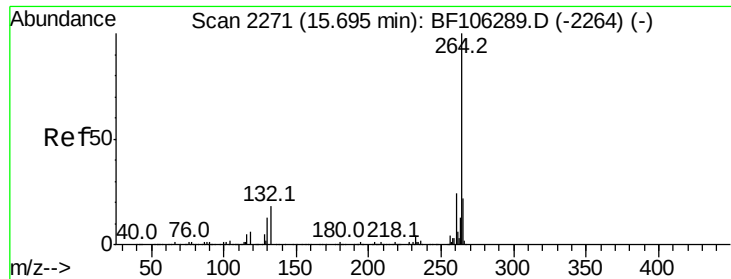


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF106349.D
 Acq: 12 Jun 2018 17:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	334050
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.3	17.5	26.3

