

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106298.D
 Acq On : 11 Jun 2018 16:55
 Operator : JU/SJ
 Sample : J3362-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JRB-CONCRETE

Quant Time: Jun 12 01:42:39 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

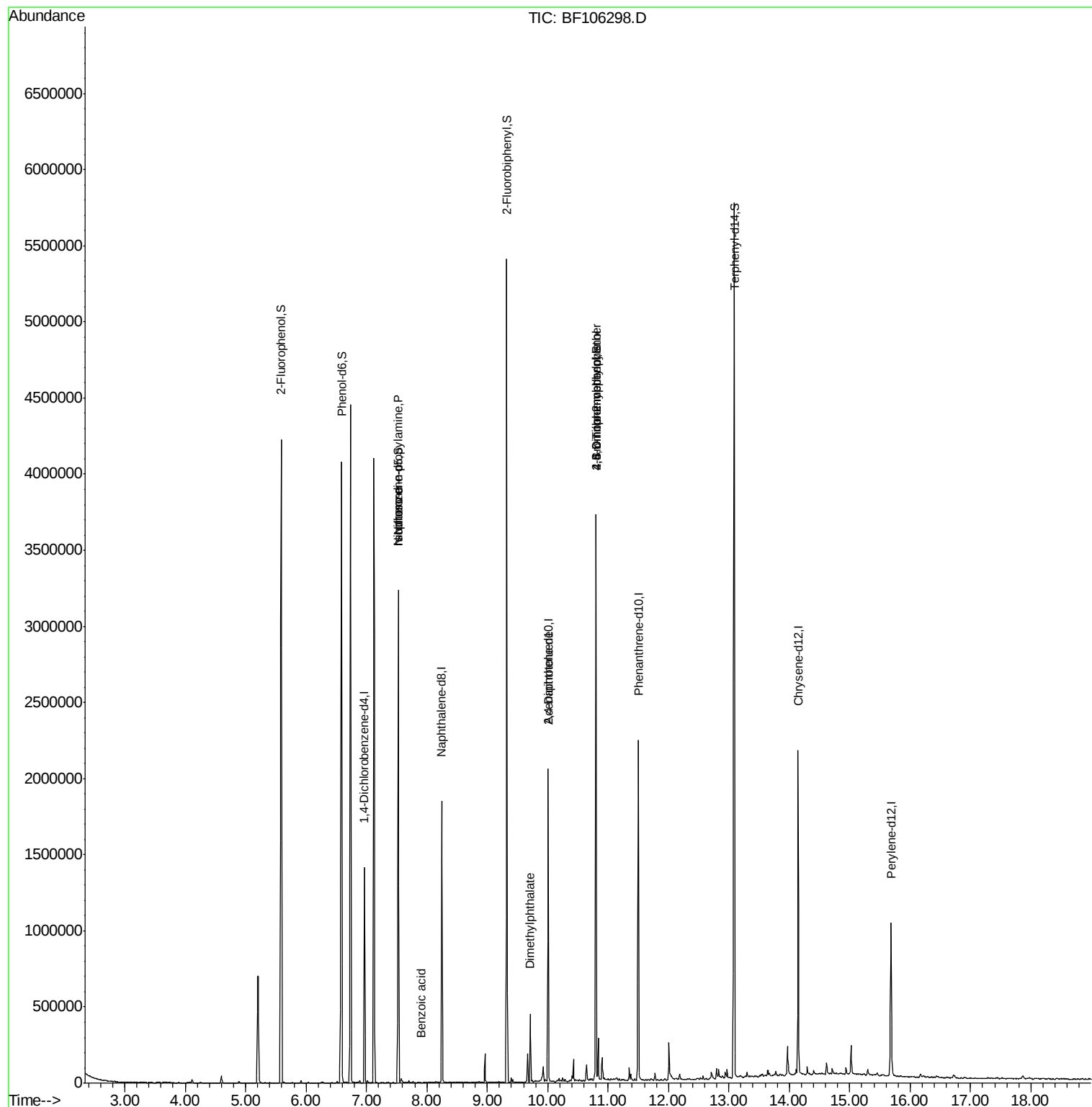
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	201866	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	754694	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	375244	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	769676	20.00	ng	0.00
75) Chrysene-d12	14.15	240	684233	20.00	ng	-0.01
86) Perylene-d12	15.68	264	480563	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1230577	103.17	ng	0.00
7) Phenol-d6	6.59	99	1566483	103.96	ng	0.00
23) Nitrobenzene-d5	7.53	82	1044577	81.42	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	490790	135.93	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1737957	81.04	ng	0.00
78) Terphenyl-d14	13.09	244	2106120	76.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	144480	12.780	ng	# 76
25) Isophorone	7.53	82	1044554	41.686	ng	# 64
32) Benzoic acid	7.90	122	229	7.314	ng	# 66
49) Dimethylphthalate	9.71	163	147063	5.486	ng	# 99
56) 2,4-Dinitrotoluene	10.01	165	47976	6.977	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	1308	6.569	ng	# 33
66) 4-Bromophenyl-phenylether	10.80	248	32289	3.688	ng	# 1

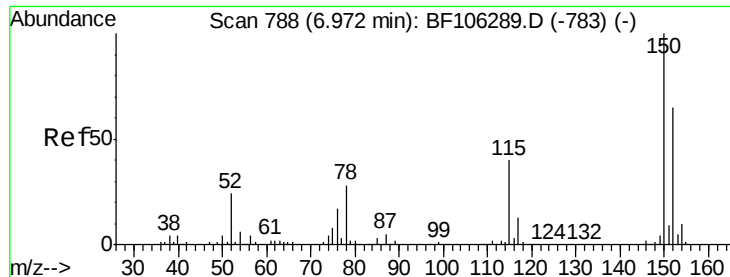
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
Data File : BF106298.D
Acq On : 11 Jun 2018 16:55
Operator : JU/SJ
Sample : J3362-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JRB-CONCRETE

Quant Time: Jun 12 01:42:39 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



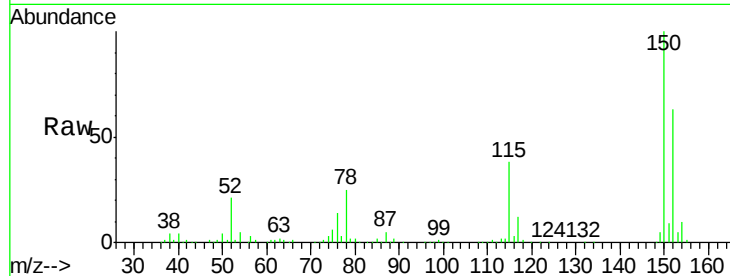


#1

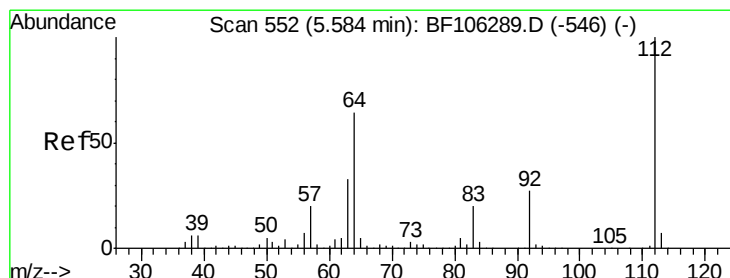
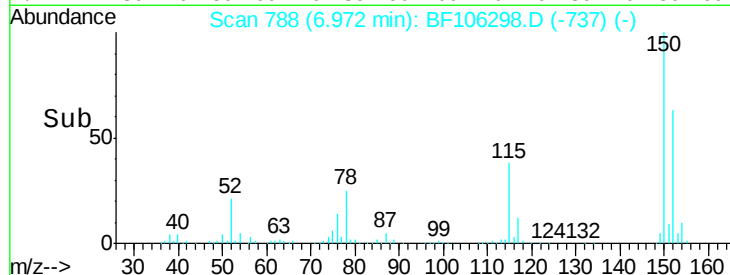
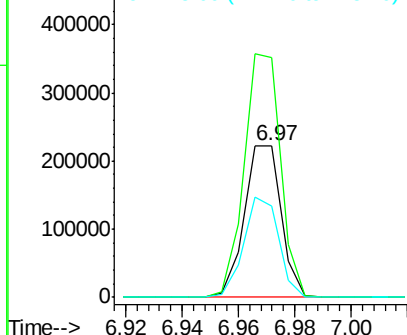
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106298.D
Acq: 11 Jun 2018 16:55

Instrument :
BNA_F
ClientSampleId :
JRB-CONCRETE

Tgt Ion:152 Resp: 201866
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 60.2 50.1 75.1



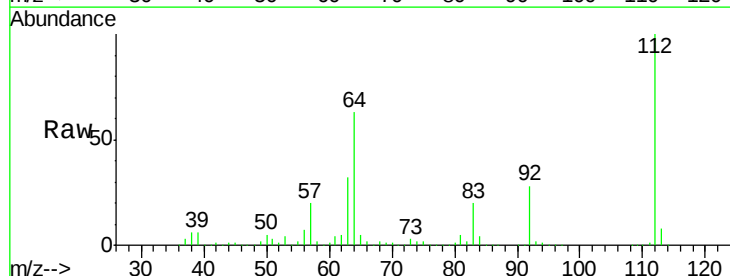
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



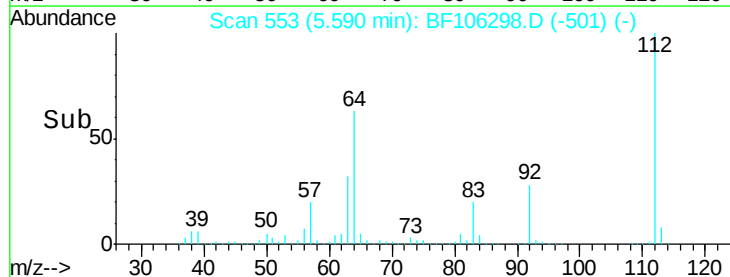
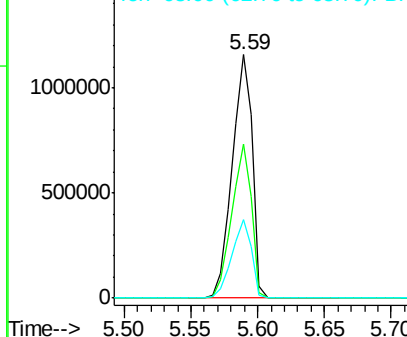
#5

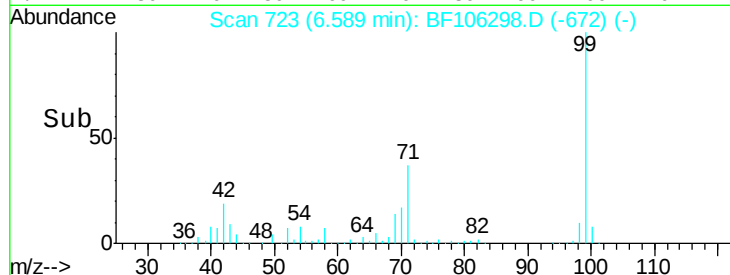
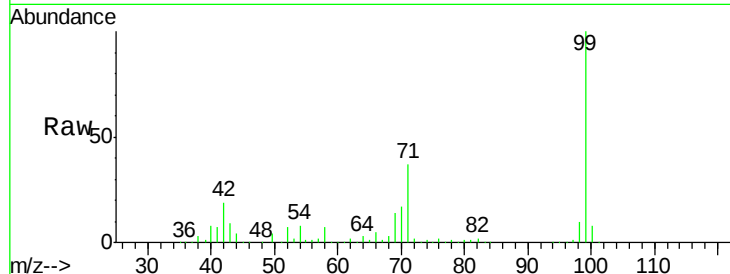
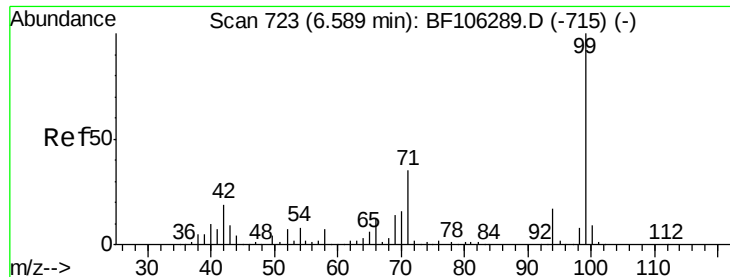
2-Fluorophenol
Concen: 103.175 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106298.D
Acq: 11 Jun 2018 16:55

Tgt Ion:112 Resp: 1230577
Ion Ratio Lower Upper
112 100
64 63.4 47.9 71.9
63 32.2 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: 103.956 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106298.D

Acq: 11 Jun 2018 16:55

Instrument :

BNA_F

ClientSampleId :

JRB-CONCRETE

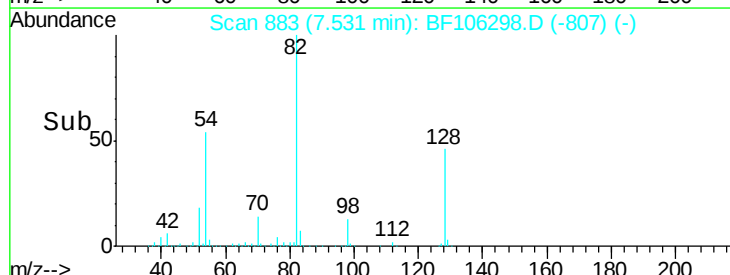
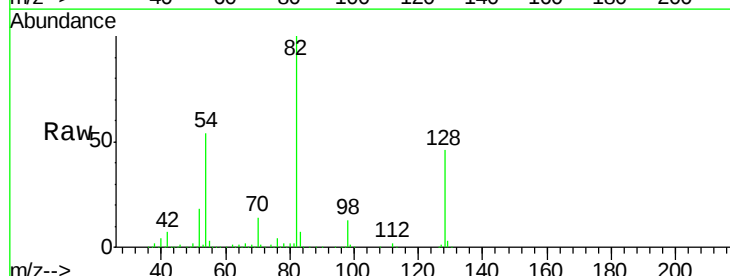
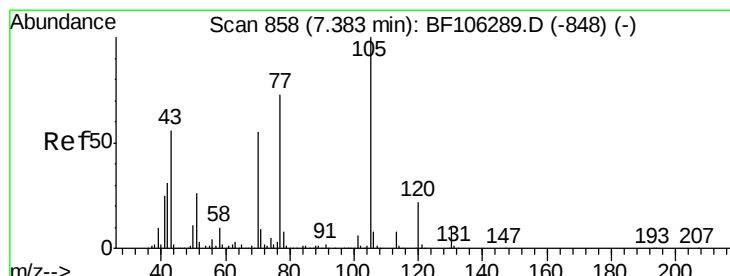
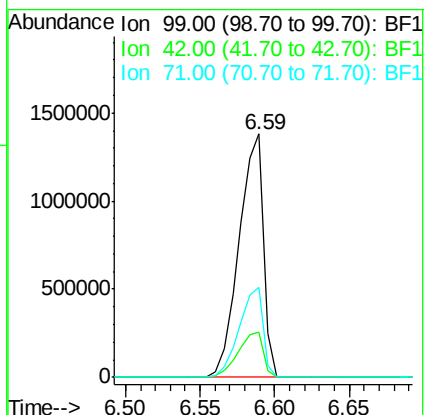
Tgt Ion: 99 Resp: 1566483

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

71 36.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.780 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106298.D

Acq: 11 Jun 2018 16:55

Tgt Ion: 70 Resp: 144480

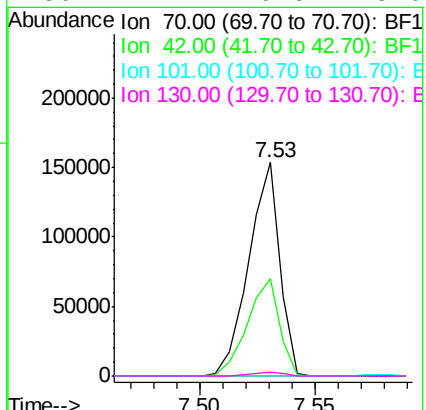
Ion Ratio Lower Upper

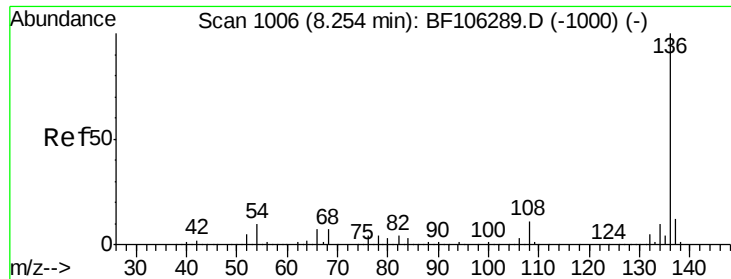
70 100

42 45.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106298.D

Acq: 11 Jun 2018 16:55

Instrument :

BNA_F

ClientSampleId :

JRB-CONCRETE

Tgt Ion: 136 Resp: 754694

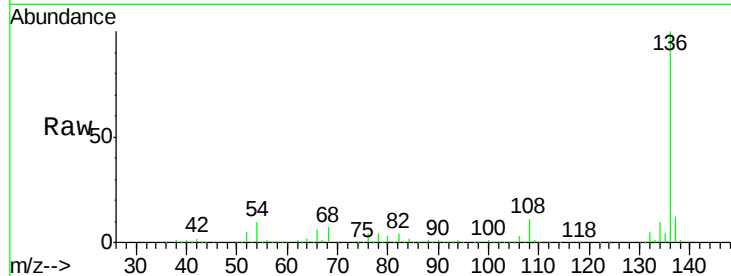
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 9.7 6.6 9.8

68 7.5 5.0 7.4#

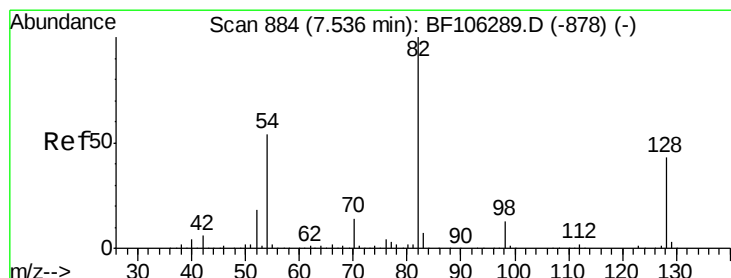
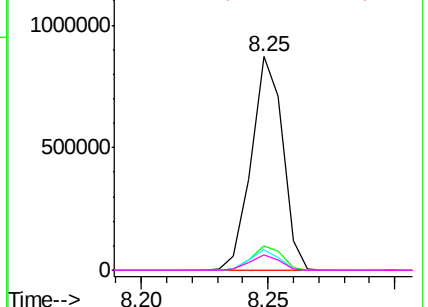
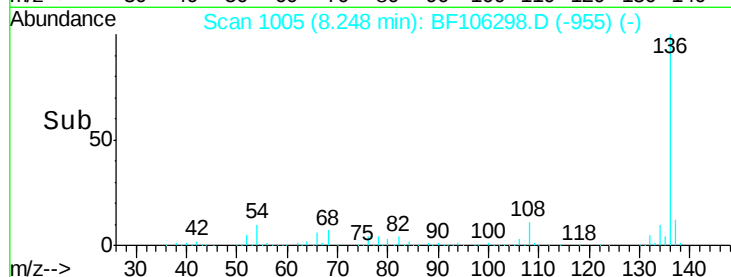


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.425 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106298.D

Acq: 11 Jun 2018 16:55

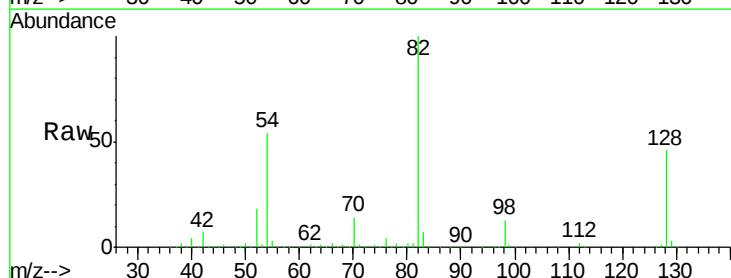
Tgt Ion: 82 Resp: 1044577

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

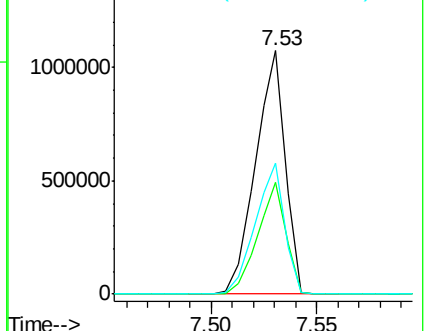
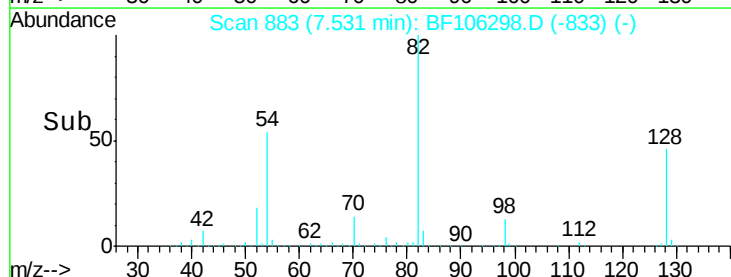
54 54.0 41.4 62.2

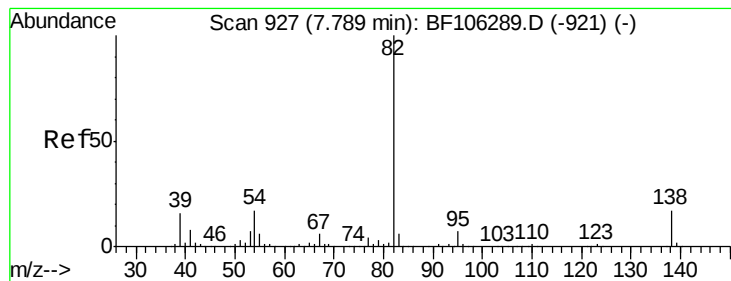


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.686 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106298.D

Acq: 11 Jun 2018 16:55

Instrument :

BNA_F

ClientSampleId :

JRB-CONCRETE

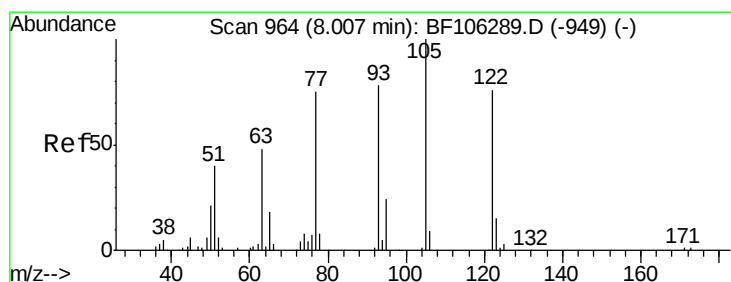
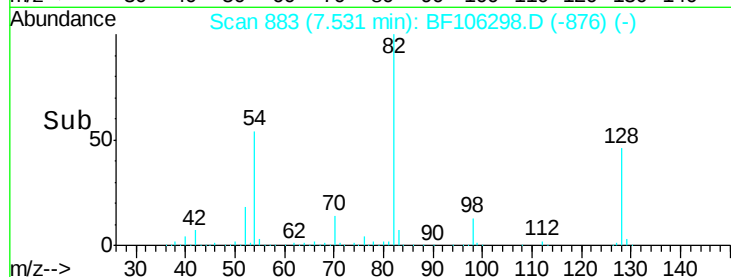
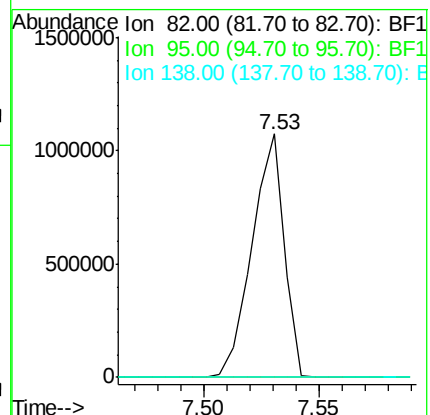
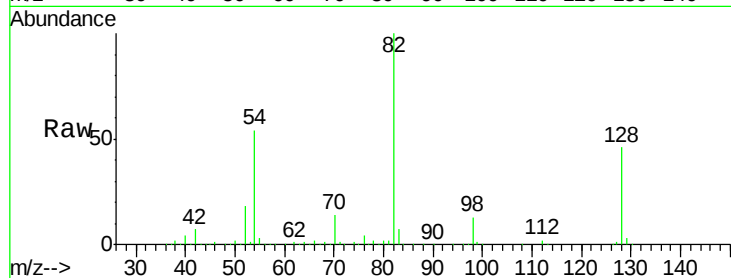
Tgt Ion: 82 Resp: 1044554

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#32

Benzoic acid

Concen: 7.314 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.10 min

Lab File: BF106298.D

Acq: 11 Jun 2018 16:55

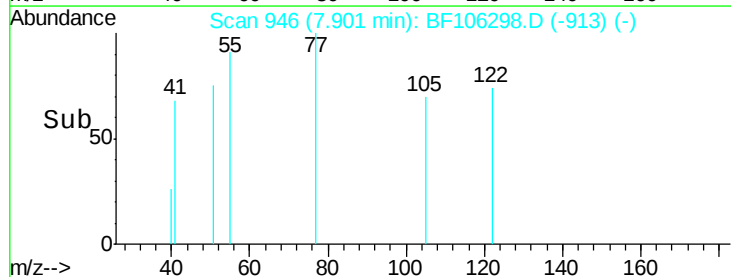
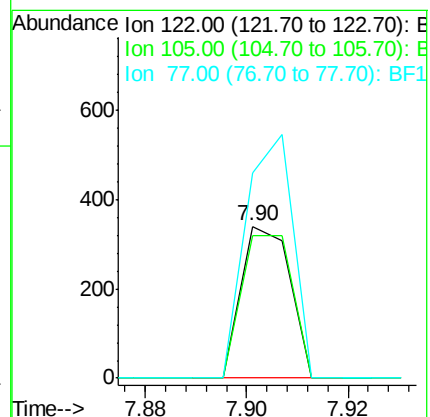
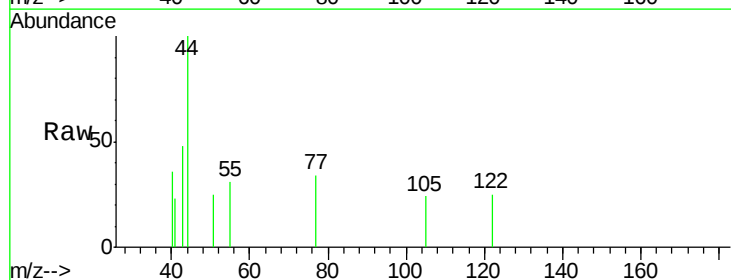
Tgt Ion: 122 Resp: 229

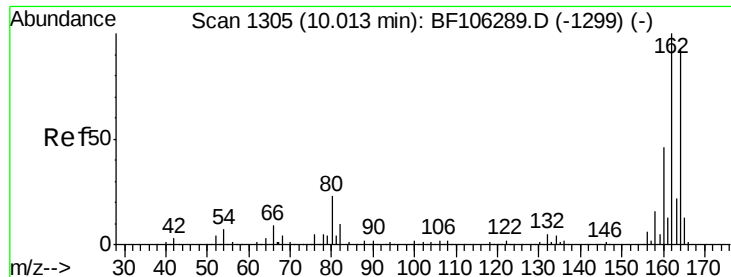
Ion Ratio Lower Upper

122 100

105 94.1 101.1 141.1#

77 135.0 70.7 110.7#

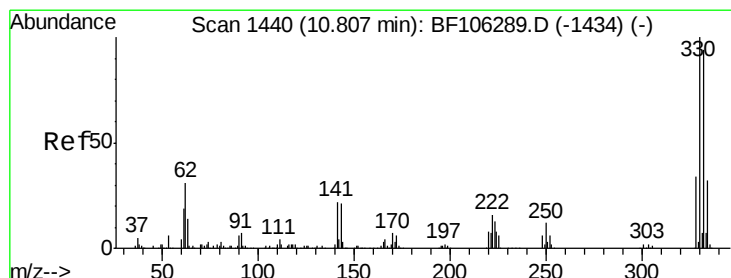
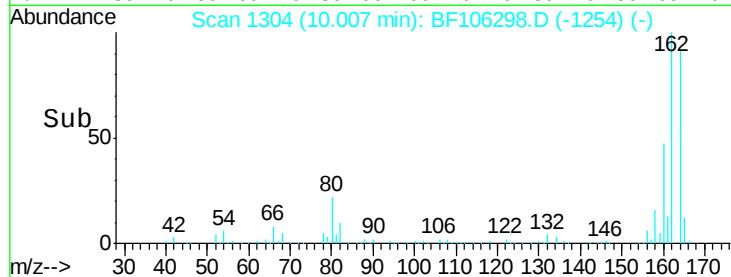
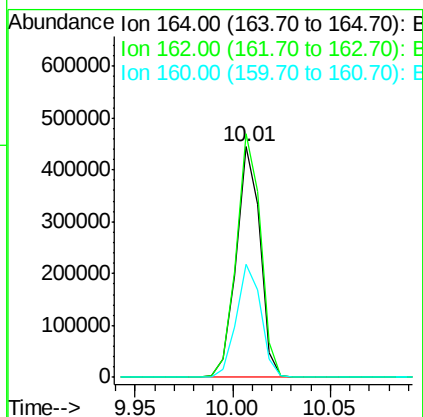
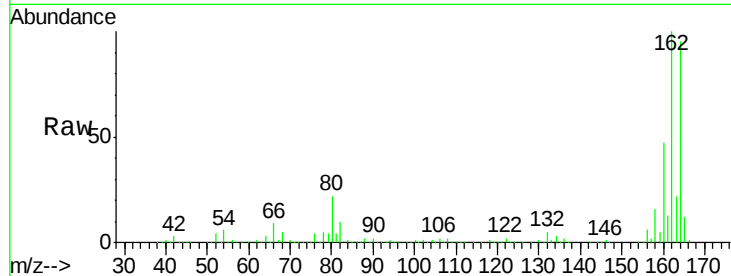




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106298.D
Acq: 11 Jun 2018 16:55

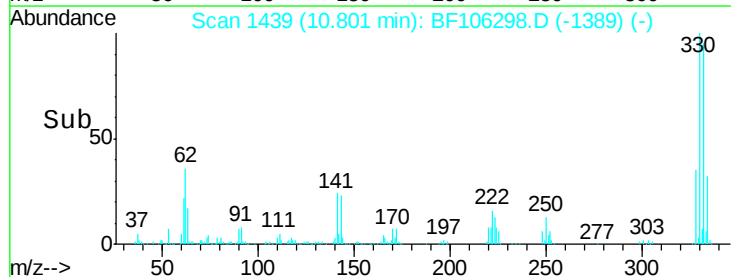
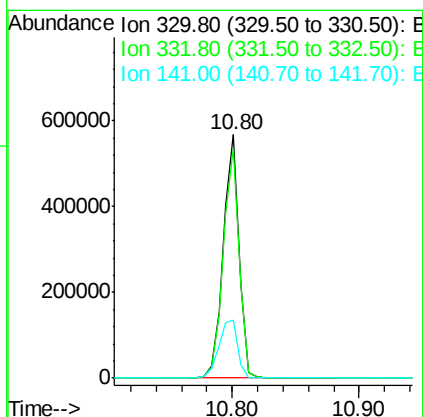
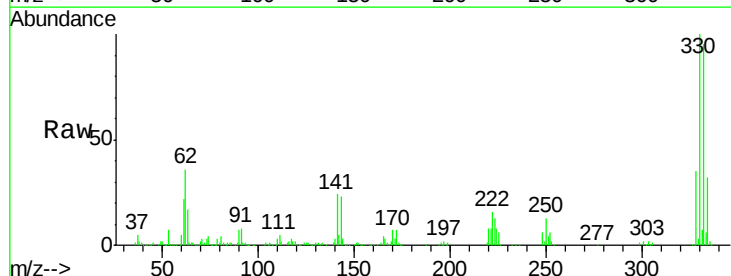
Instrument :
BNA_F
ClientSampleId :
JRB-CONCRETE

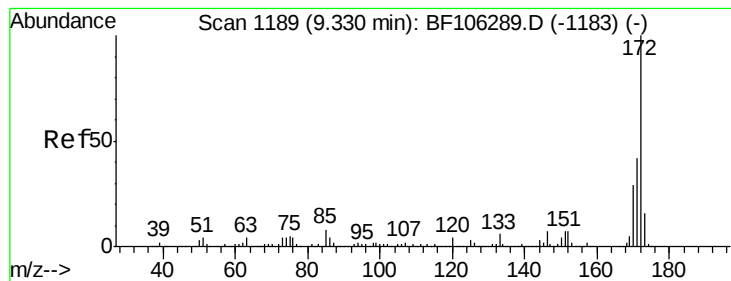
Tgt Ion:164 Resp: 375244
Ion Ratio Lower Upper
164 100
162 105.7 86.1 129.1
160 49.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 135.934 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106298.D
Acq: 11 Jun 2018 16:55

Tgt Ion:330 Resp: 490790
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 28.8 29.9 44.9#





#44

2-Fluorobiphenyl

Concen: 81.037 ng

RT: 9.32 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF106298.D

Acq: 11 Jun 2018 16:55

Instrument :

BNA_F

ClientSampleId :

JRB-CONCRETE

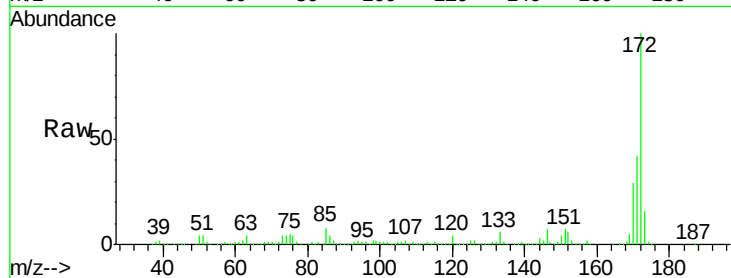
Tgt Ion:172 Resp: 1737957

Ion Ratio Lower Upper

172 100

171 41.7 29.7 44.5

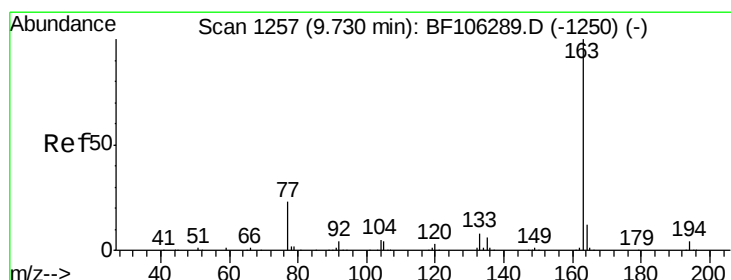
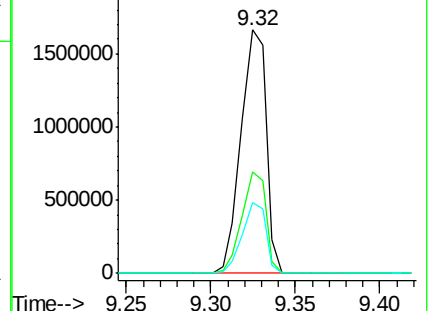
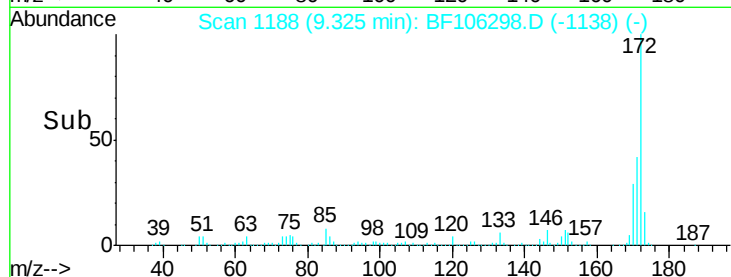
170 28.8 19.6 29.4



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: 5.486 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF106298.D

Acq: 11 Jun 2018 16:55

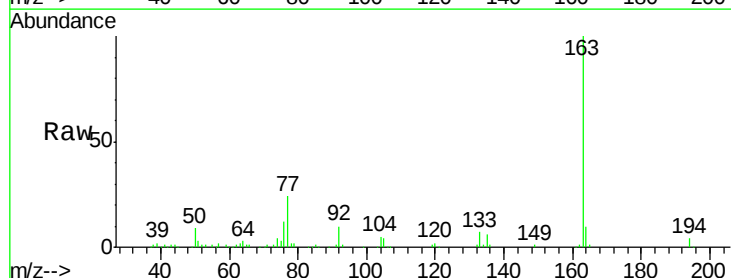
Tgt Ion:163 Resp: 147063

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

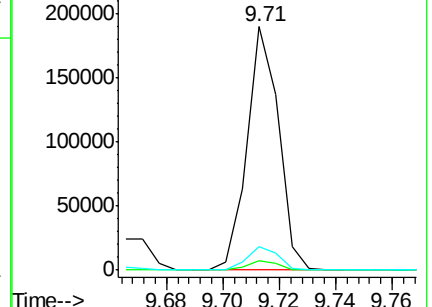
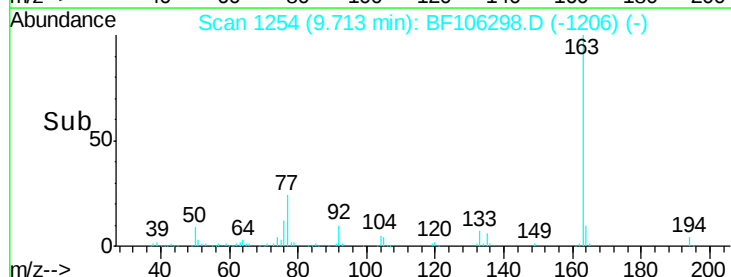
164 9.7 8.2 12.2

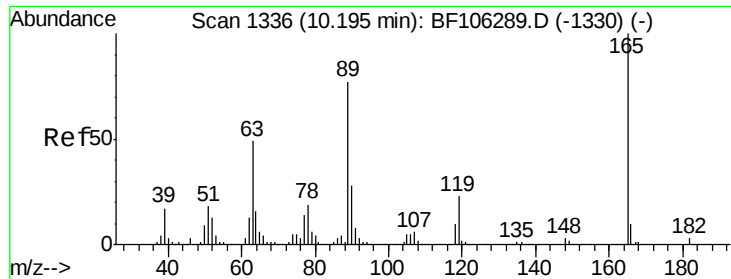


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

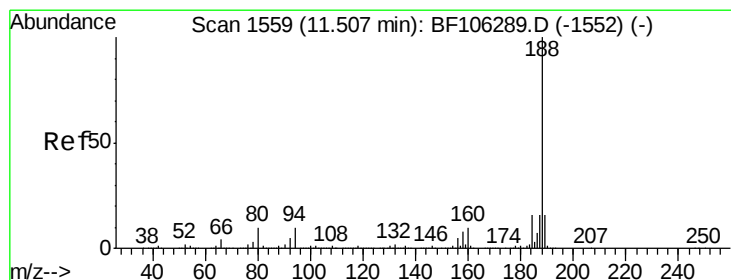
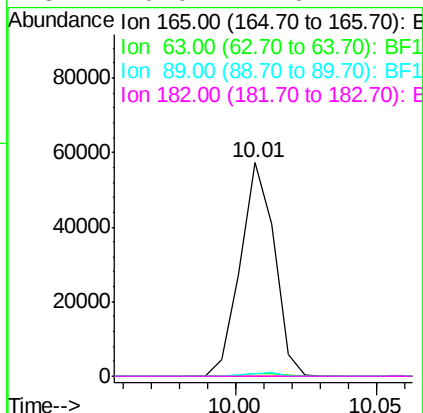
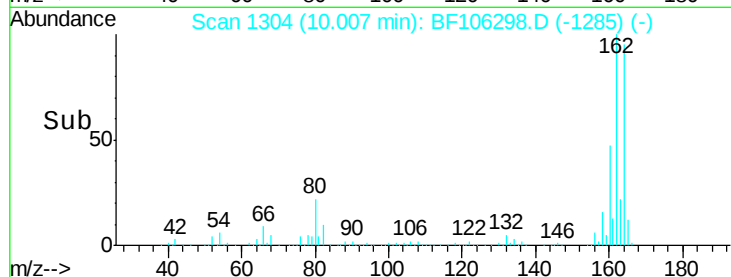
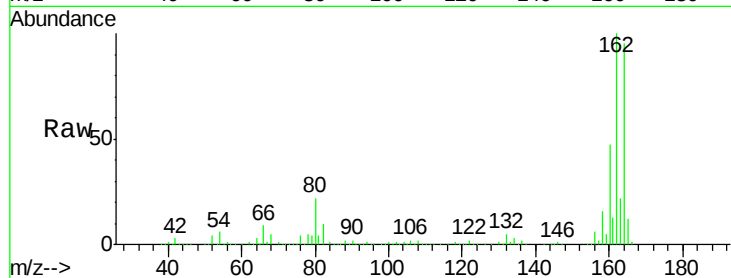




#56
 2,4-Dinitrotoluene
 Concen: 6.977 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF106298.D
 Acq: 11 Jun 2018 16:55

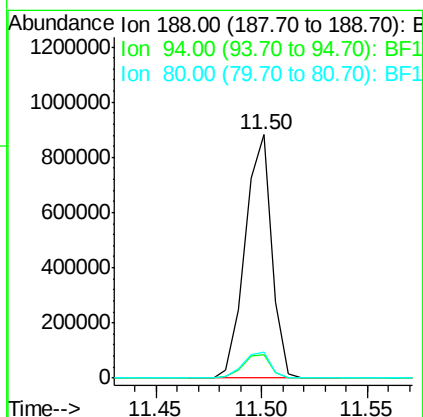
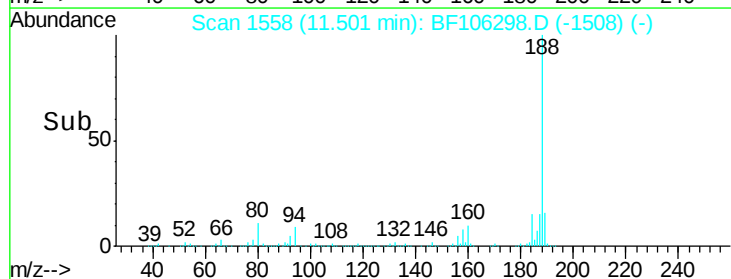
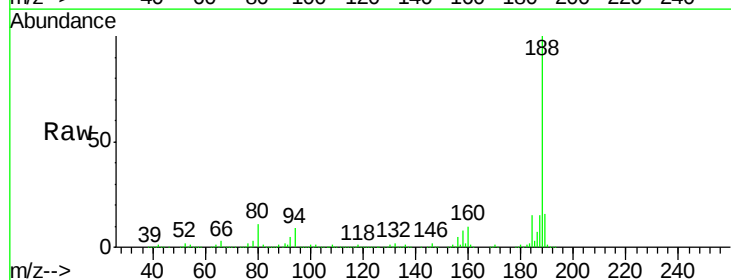
Instrument :
 BNA_F
 ClientSampleId :
 JRB-CONCRETE

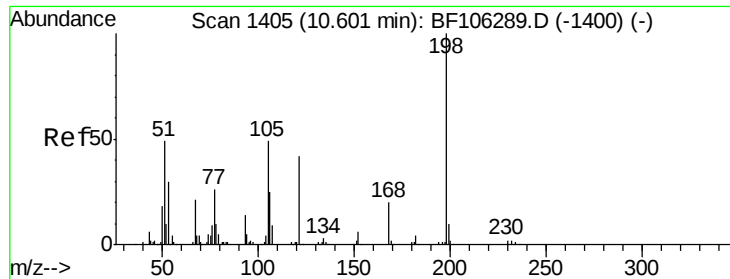
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF106298.D
 Acq: 11 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.5	9.2	13.8

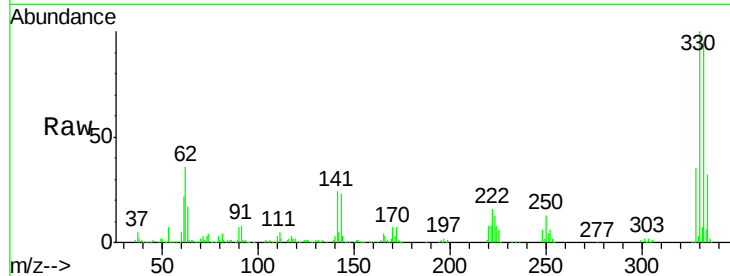




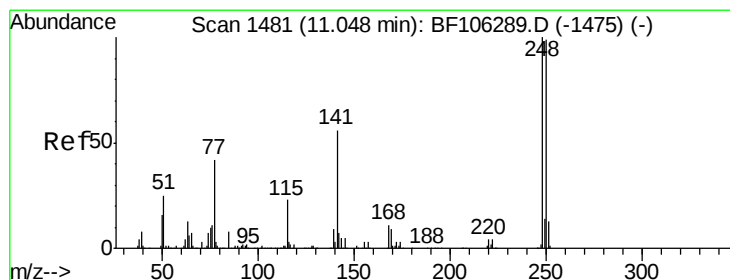
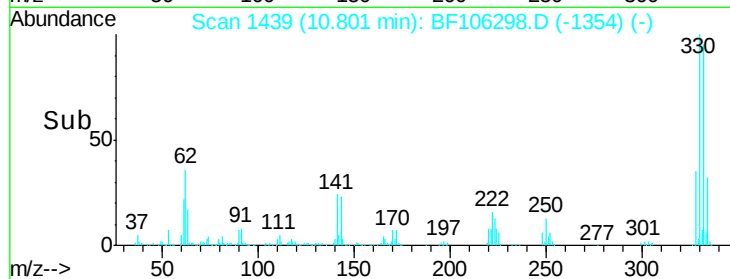
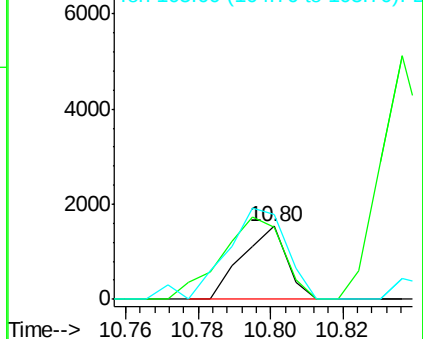
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.569 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF106298.D
 Acq: 11 Jun 2018 16:55

Instrument :
 BNA_F
 ClientSampleId :
 JRB-CONCRETE

Tgt Ion:198 Resp: 1308
 Ion Ratio Lower Upper
 198 100
 51 97.7 37.7 77.7#
 105 115.4 36.3 76.3#

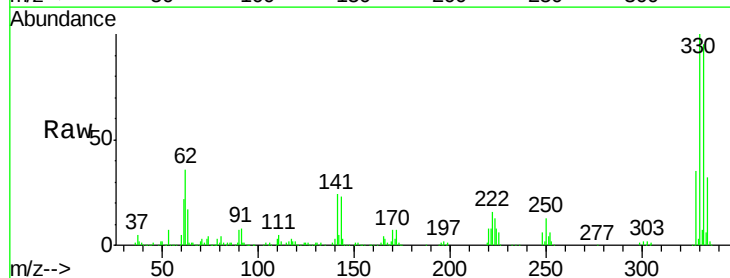


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

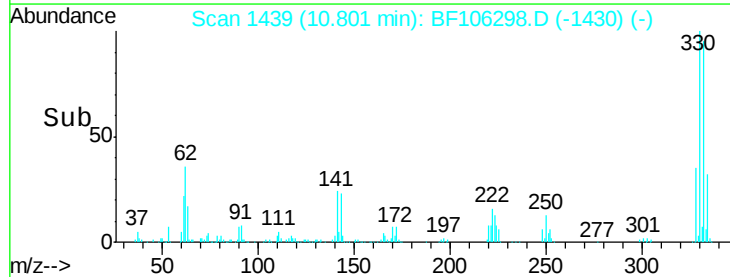
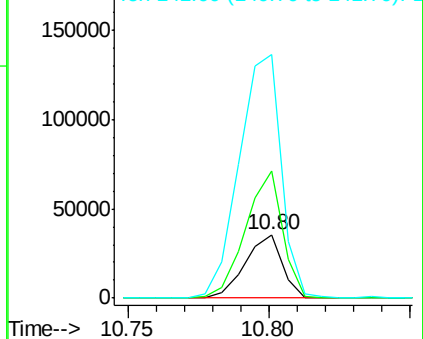


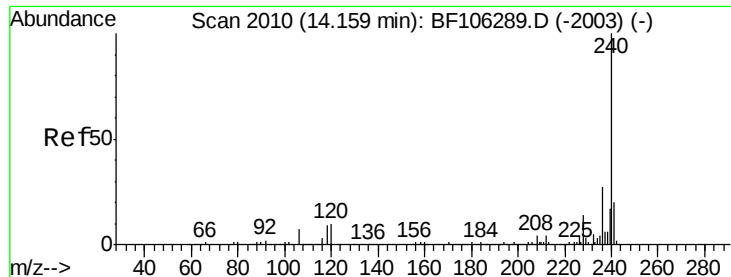
#66
 4-Bromophenyl-phenylether
 Concen: 3.688 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF106298.D
 Acq: 11 Jun 2018 16:55

Tgt Ion:248 Resp: 32289
 Ion Ratio Lower Upper
 248 100
 250 201.3 76.9 115.3#
 141 385.0 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# 2008

Delta R.T. -0.01 min

Lab File: BF106298.D

Acq: 11 Jun 2018 16:55

Instrument :

BNA_F

ClientSampleId :

JRB-CONCRETE

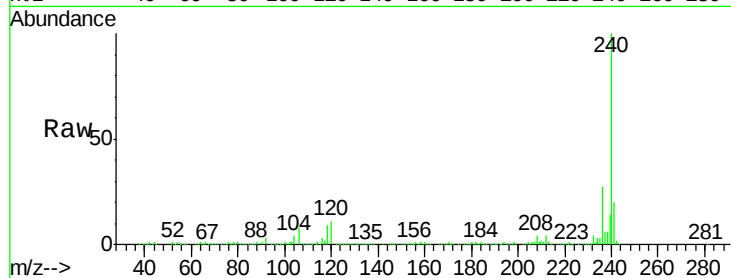
Tgt Ion:240 Resp: 684233

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

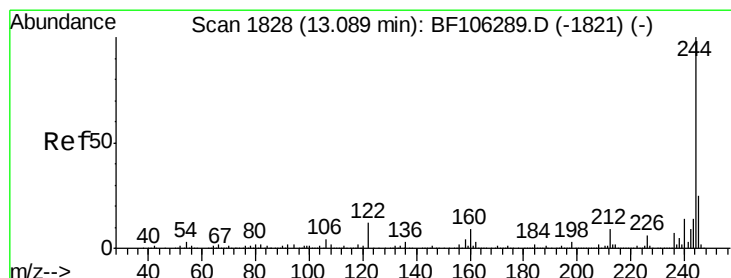
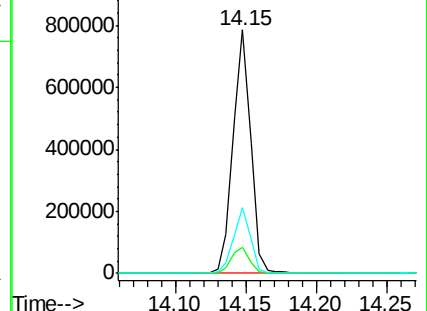
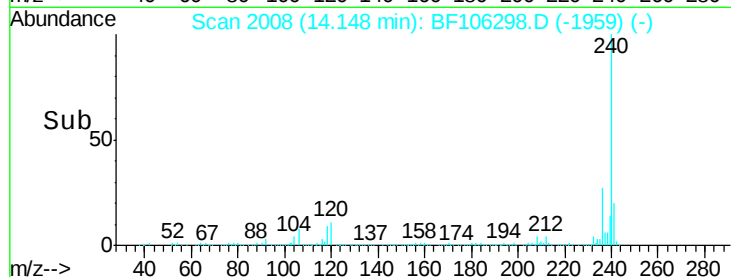
236 27.1 20.7 31.1



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: 76.453 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106298.D

Acq: 11 Jun 2018 16:55

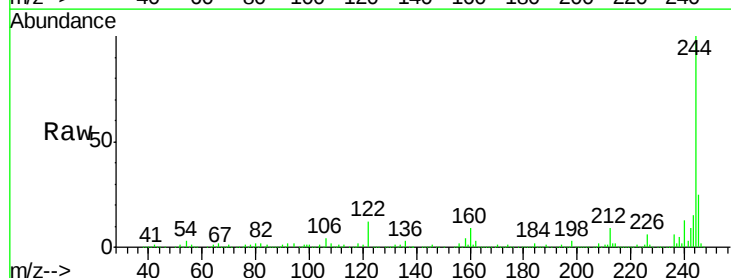
Tgt Ion:244 Resp: 2106120

Ion Ratio Lower Upper

244 100

212 8.7 5.4 8.0#

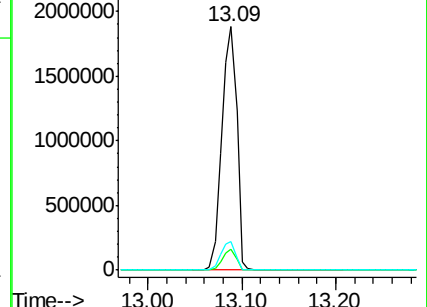
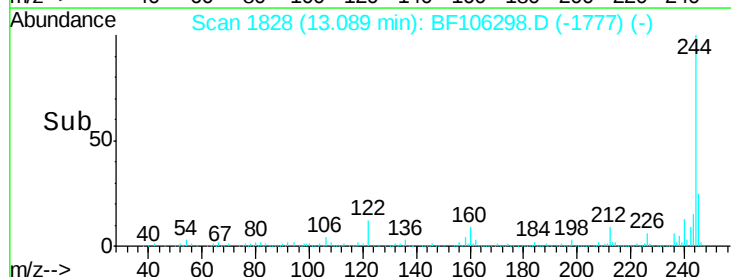
122 11.7 11.0 16.4

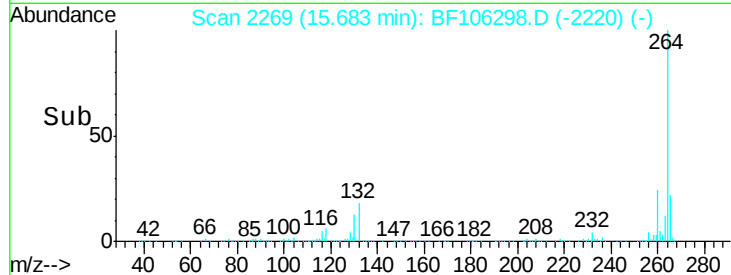
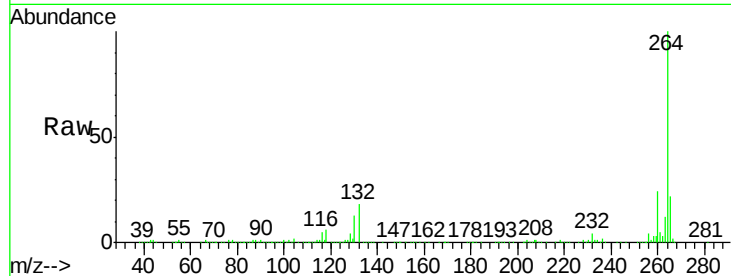
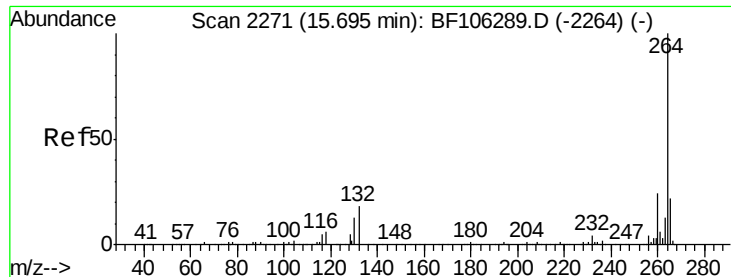


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF106298.D
Acq: 11 Jun 2018 16:55

Instrument :
BNA_F
ClientSampleId :
JRB-CONCRETE

Tgt Ion:	264	Resp:	480563
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.5	26.3

