

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106395.D
 Acq On : 13 Jun 2018 17:05
 Operator : JU/SJ
 Sample : J3448-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-48966

Quant Time: Jun 14 03:19:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

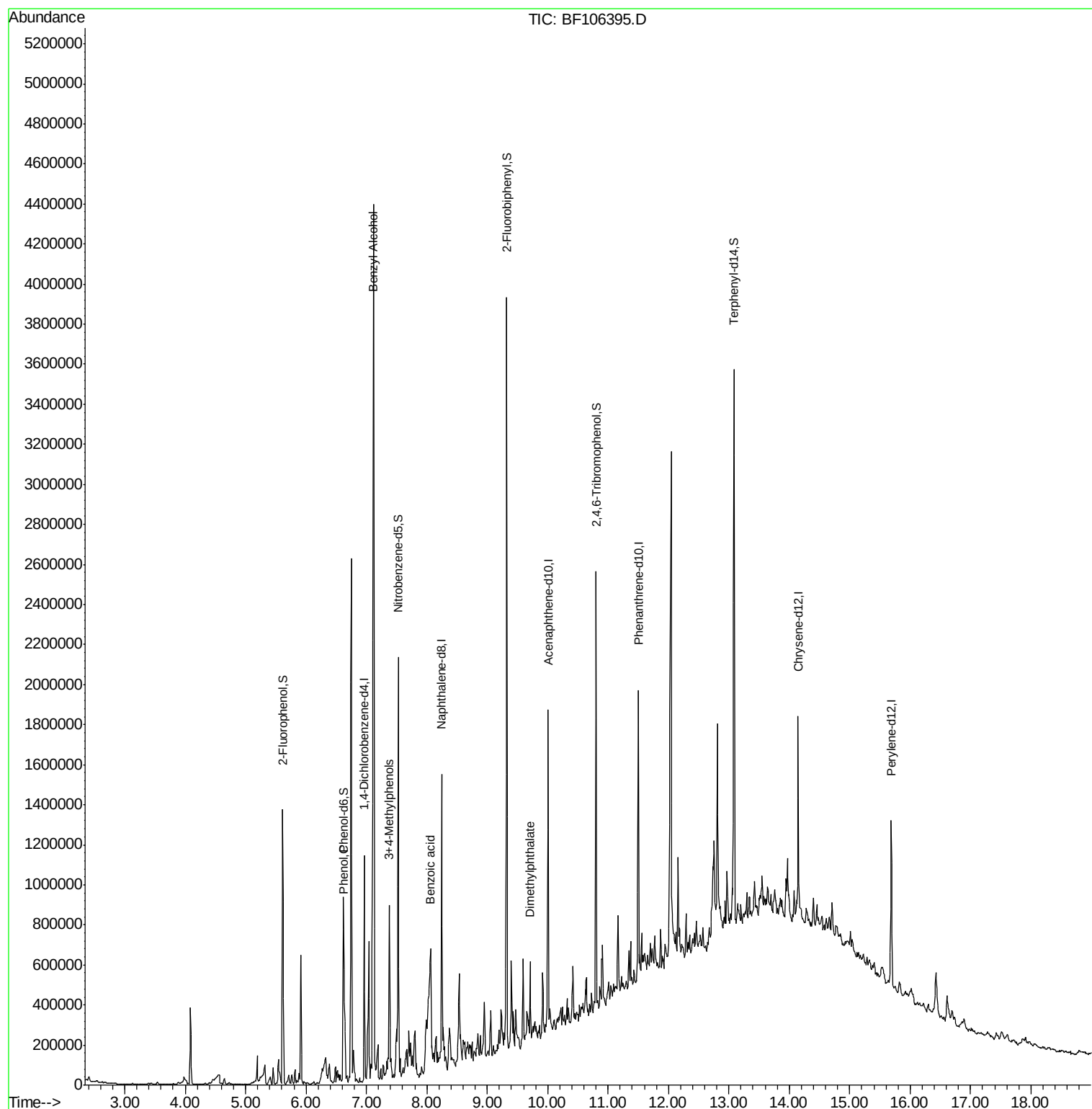
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	148348	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	561588	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	276606	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	523516	20.00	ng	0.00
75) Chrysene-d12	14.15	240	368732	20.00	ng	-0.01
86) Perylene-d12	15.69	264	417065	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	406994	46.43	ng	-0.01
7) Phenol-d6	6.62	99	342653	30.94	ng	0.00
23) Nitrobenzene-d5	7.53	82	686158	71.88	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	297782	111.89	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1162760	70.62	ng	0.00
78) Terphenyl-d14	13.08	244	1072065	72.21	ng	0.00
Target Compounds						
10) Phenol	6.63	94	62208	5.146	ng	85
15) Benzyl Alcohol	7.12	79	880934	92.891	ng	98
20) 3+4-Methylphenols	7.38	107	215186	20.009	ng	89
32) Benzoic acid	8.07	122	362643	60.118	ng	93
49) Dimethylphthalate	9.71	163	101070	5.114	ng	98

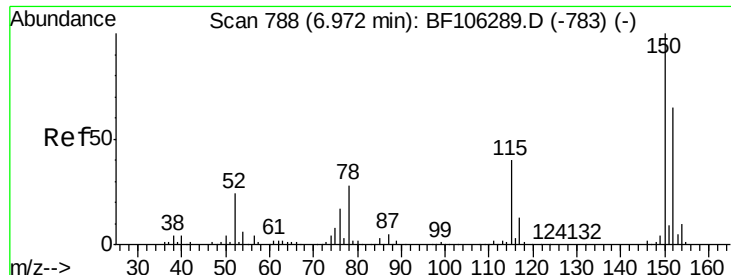
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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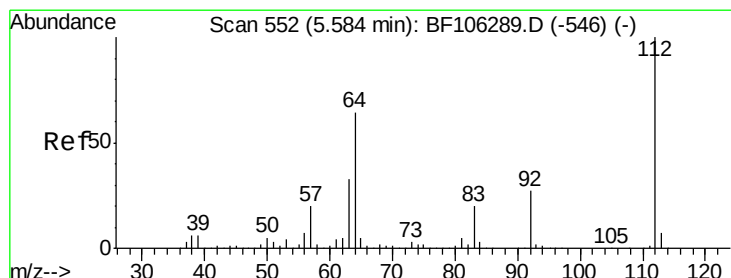
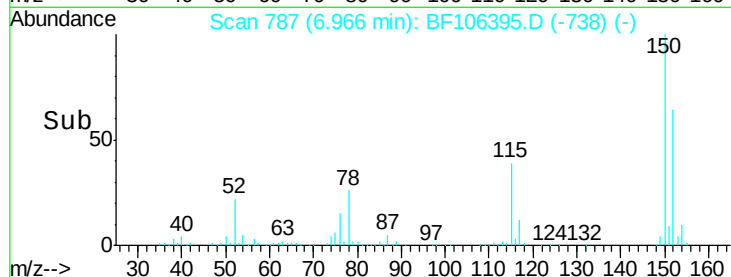
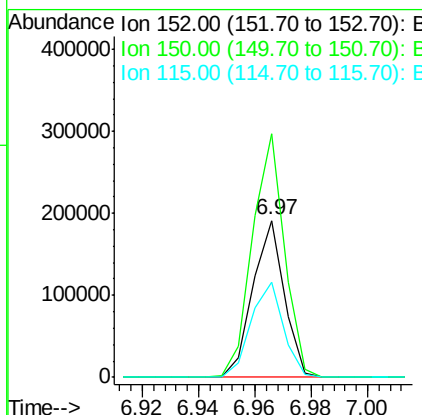
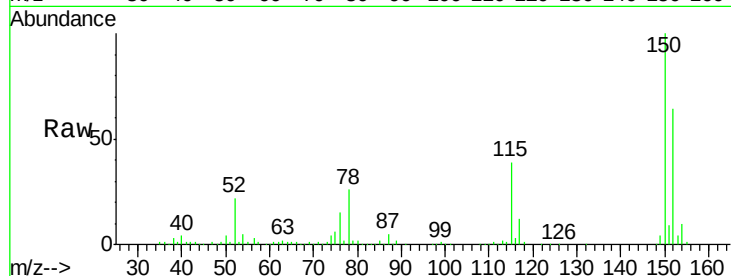


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

Instrument :
BNA_F
ClientSampleId :
N-48966

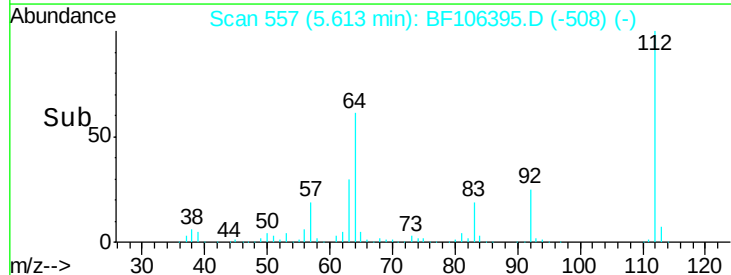
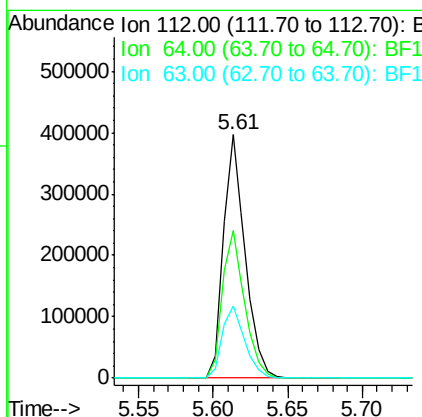
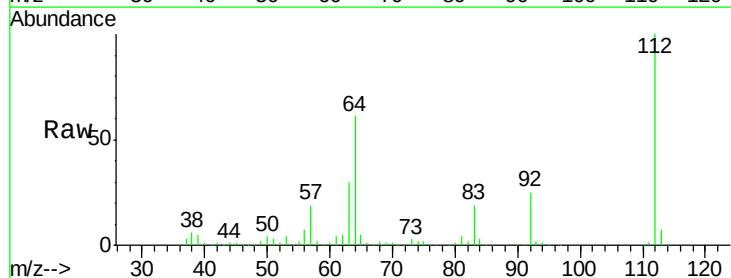
Tot Ion:152 Resp: 148348
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 60.5 50.1 75.1

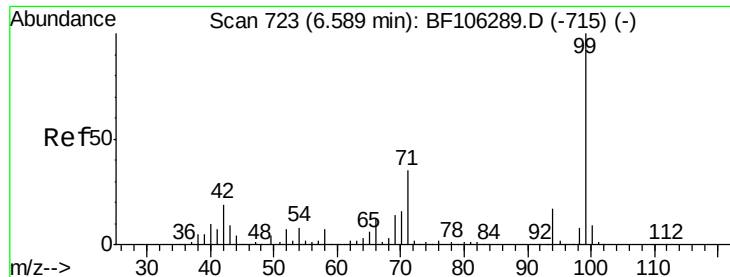


#5

2-Fluorophenol
Concen: 46.434 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

Tgt Ion:112 Resp: 406994
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 30.943 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106395.D

Acq: 13 Jun 2018 17:05

Instrument :

BNA_F

ClientSampleId :

N-48966

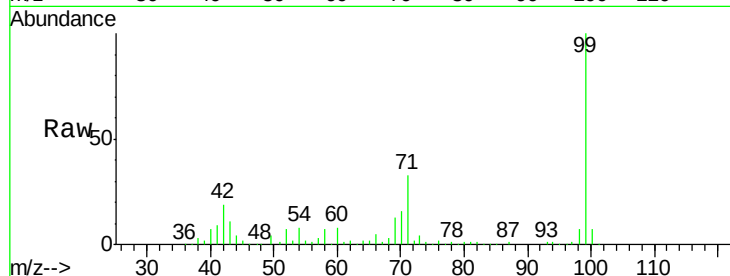
Tot Ion: 99 Resp: 342653

Ion Ratio Lower Upper

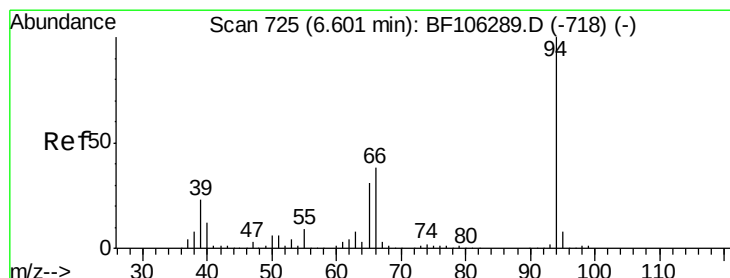
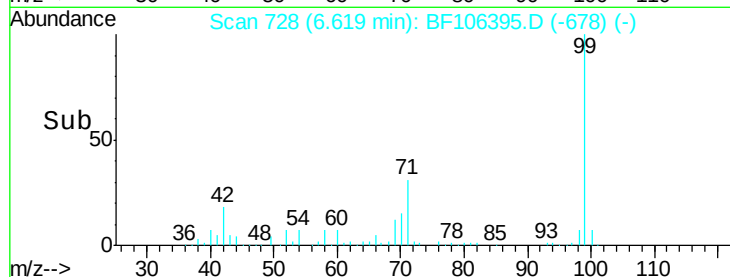
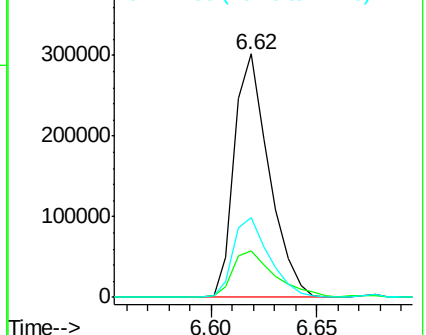
99 100

42 19.3 14.5 21.7

71 32.6 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: 5.146 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF106395.D

Acq: 13 Jun 2018 17:05

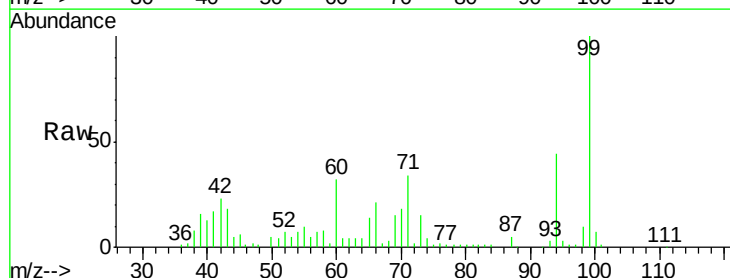
Tgt Ion: 94 Resp: 62208

Ion Ratio Lower Upper

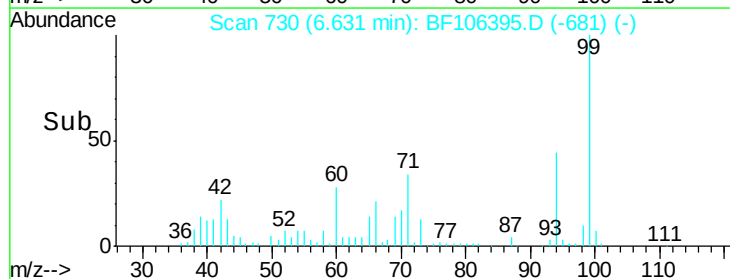
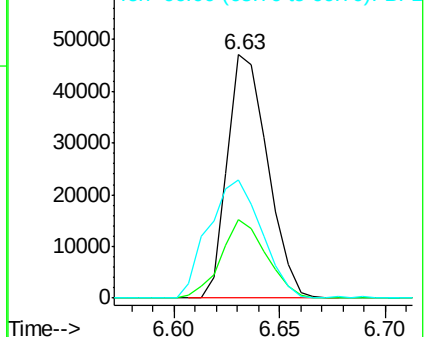
94 100

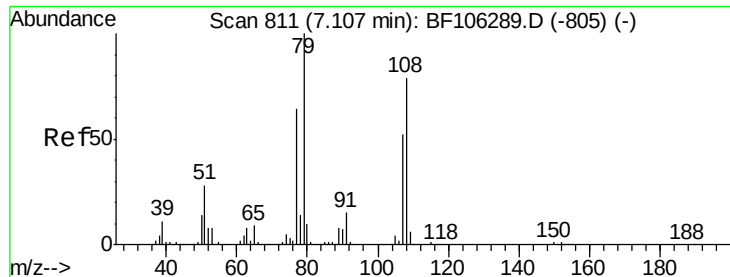
65 32.0 7.9 47.9

66 48.3 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

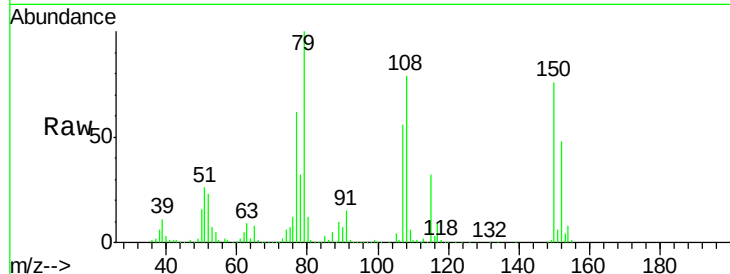




#15
Benzyl Alcohol
Concen: 92.891 ng
RT: 7.12 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

Instrument :
BNA_F
ClientSampleId :
N-48966

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.5	65.1	97.7
77	62.0	50.6	75.8

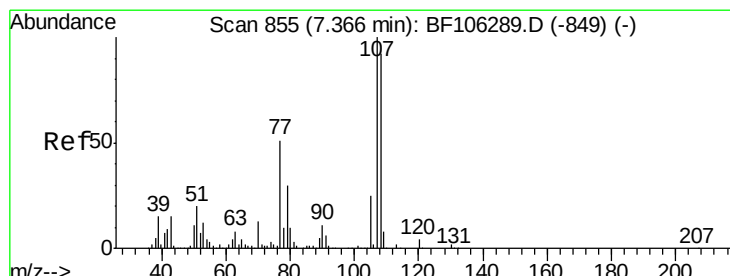
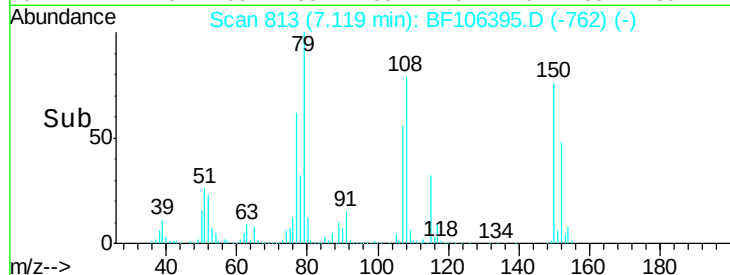
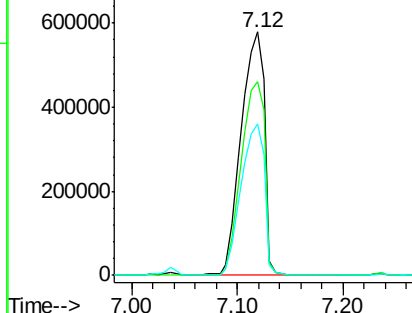


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#20
3+4-Methylphenols
Concen: 20.009 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.7	68.2	108.2
77	31.7	26.7	66.7
79	21.2	6.3	46.3

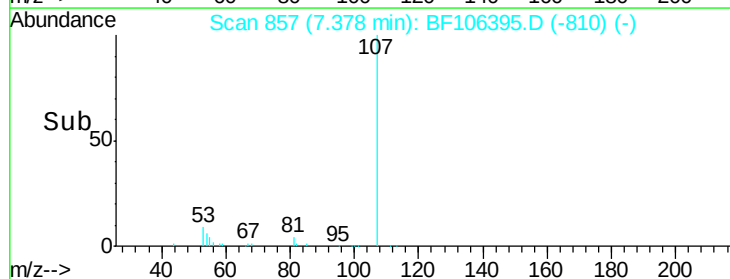
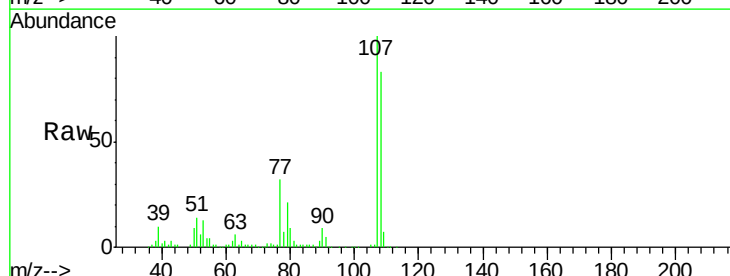
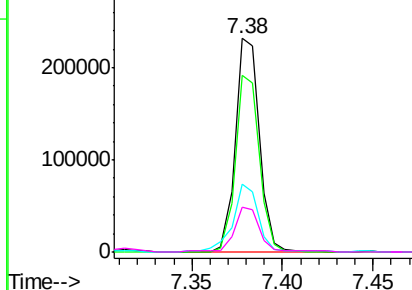
Abundance

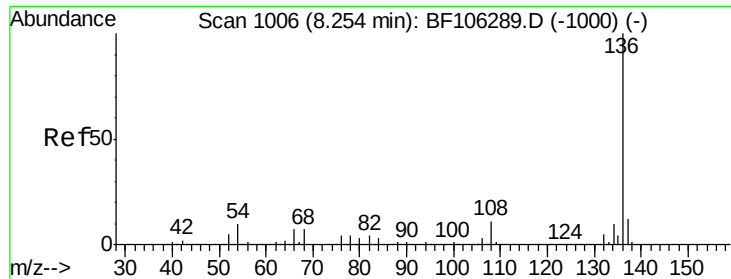
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

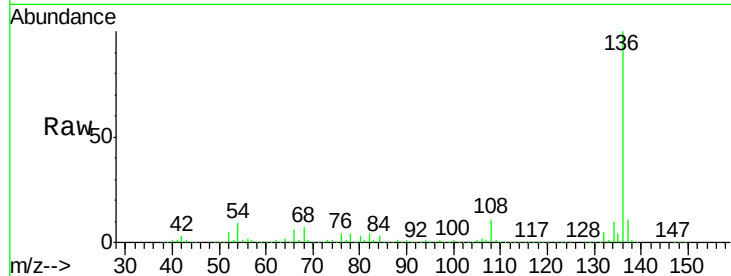




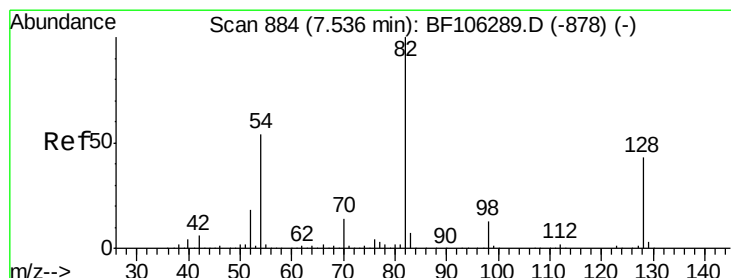
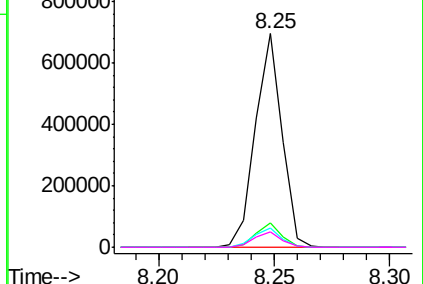
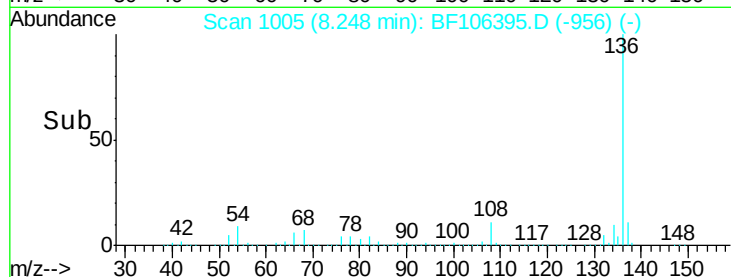
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

Instrument :
BNA_F
ClientSampleId :
N-48966

Tot Ion:136	Resp:	561588
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	8.9	6.6 9.8
68	7.1	5.0 7.4

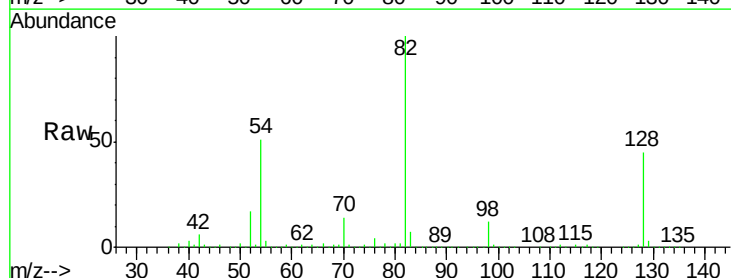


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

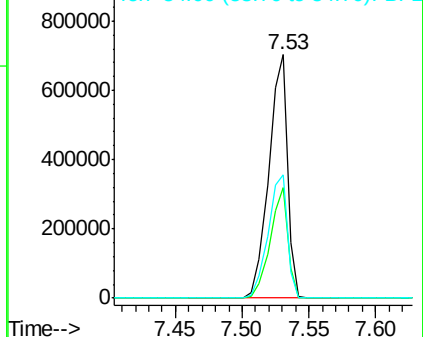
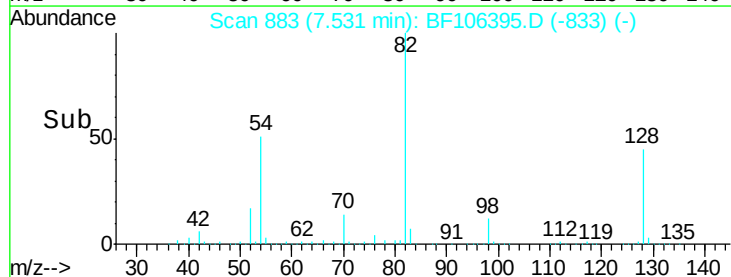


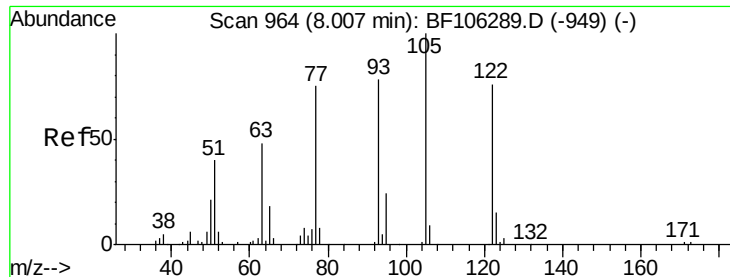
#23
Nitrobenzene-d5
Concen: 71.878 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

Tgt Ion: 82	Resp:	686158
Ion Ratio	Lower	Upper
82	100	
128	45.3	36.1 54.1
54	50.6	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

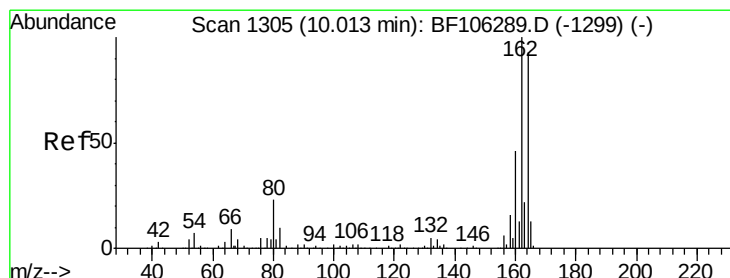
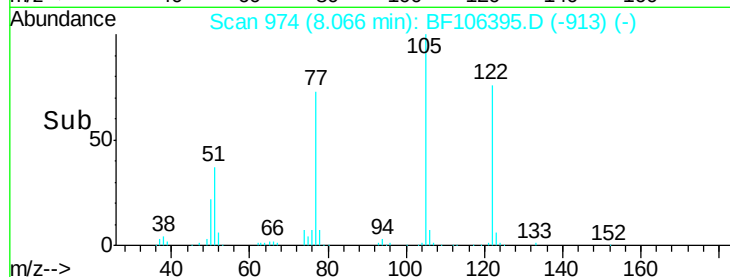
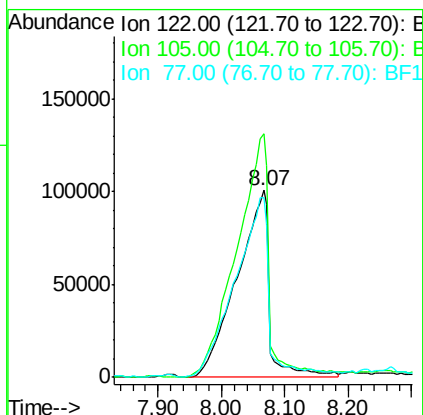
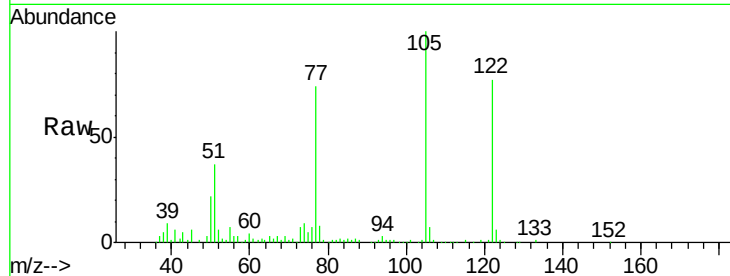




#32
Benzoic acid
Concen: 60.118 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.06 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

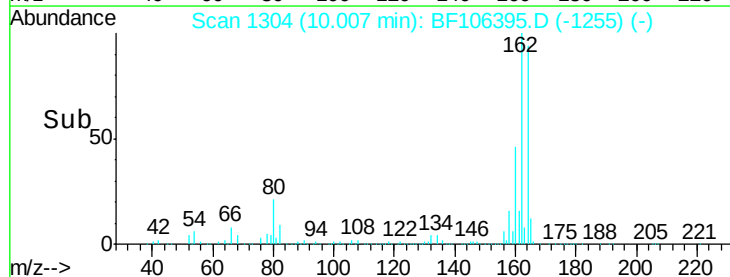
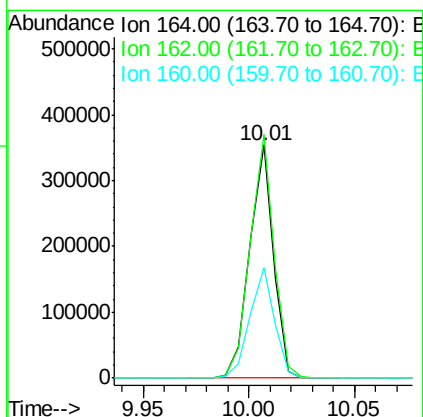
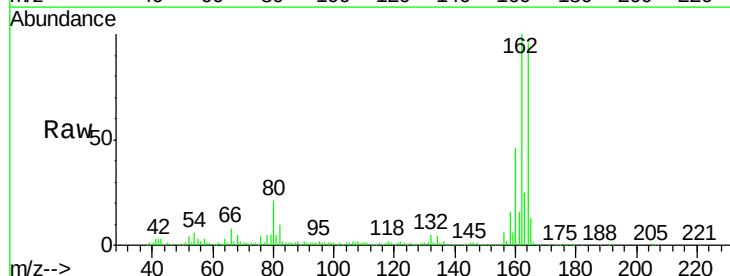
Instrument :
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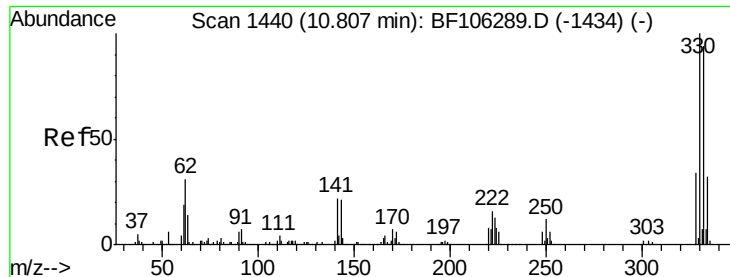
Tot Ion	Ratio	Lower	Upper
122	100		
105	130.1	101.1	141.1
77	96.0	70.7	110.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	47.6	38.3	57.5

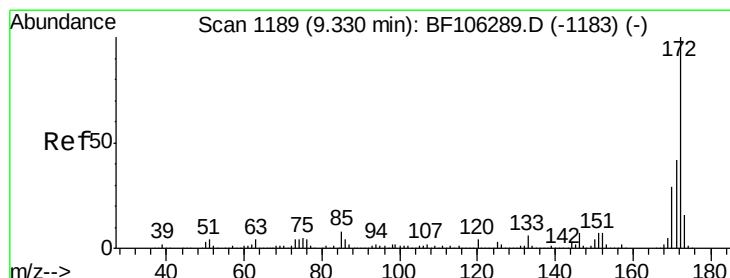
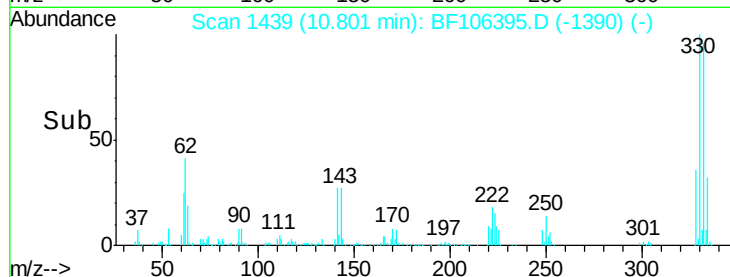
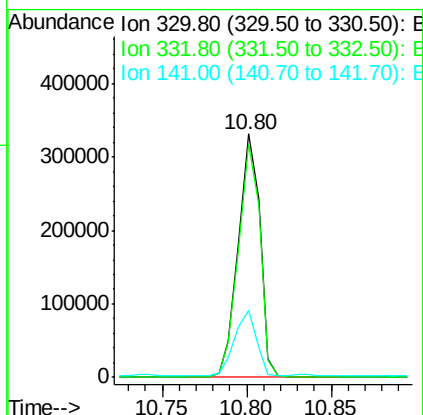
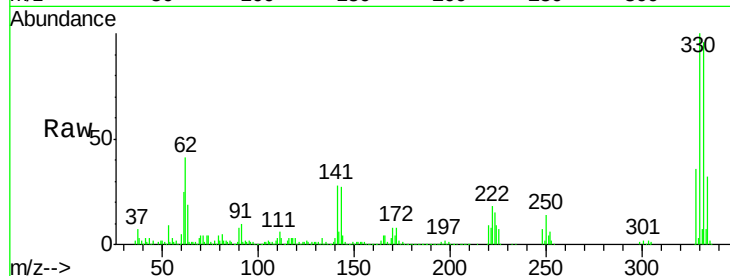




#41
 2,4,6-Tribromophenol
 Concen: 111.888 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106395.D
 Acq: 13 Jun 2018 17:05

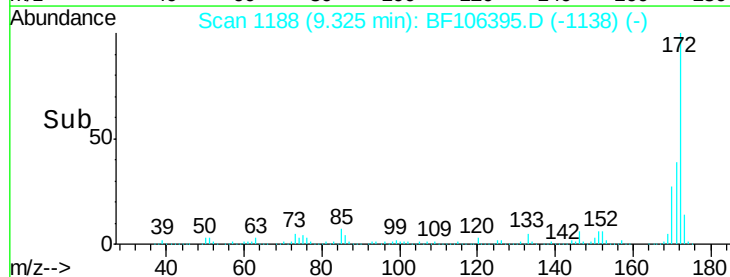
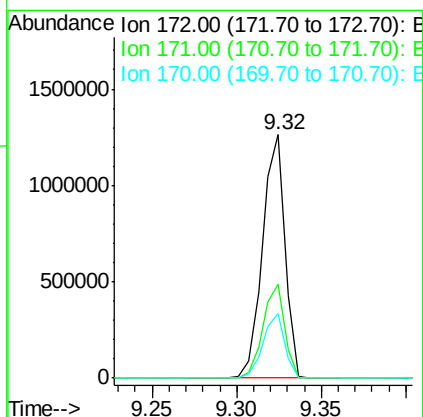
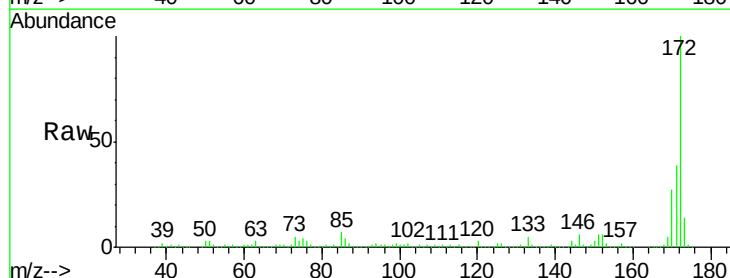
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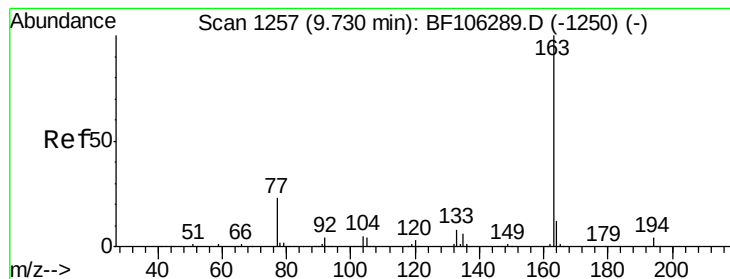
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	27.4	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 70.619 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106395.D
 Acq: 13 Jun 2018 17:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.7	44.5
170	26.5	19.6	29.4





#49

Dimethylphthalate

Concen: 5.114 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF106395.D

Acq: 13 Jun 2018 17:05

Instrument :

BNA_F

ClientSampleId :

N-48966

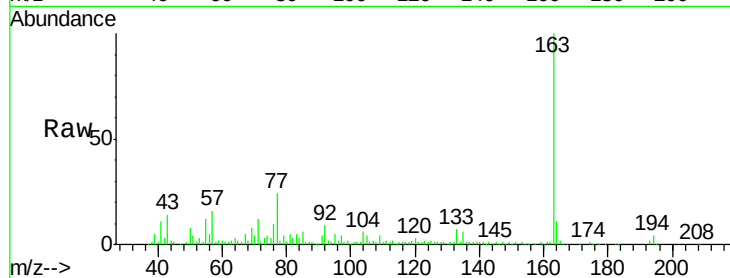
Tot Ion:163 Resp: 101070

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

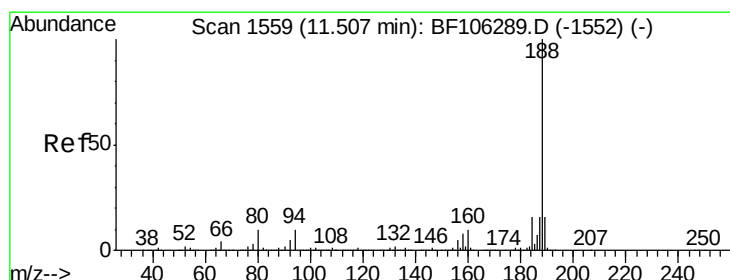
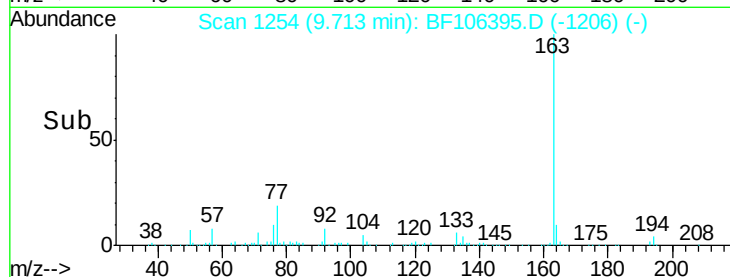
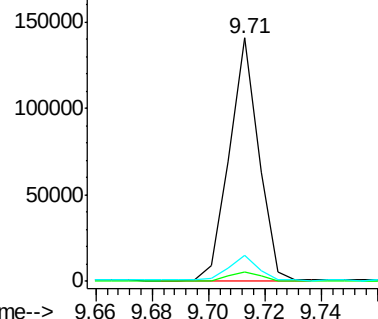
164 10.9 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF106395.D

Acq: 13 Jun 2018 17:05

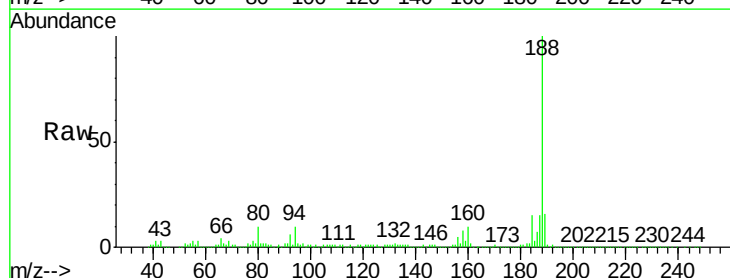
Tgt Ion:188 Resp: 523516

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

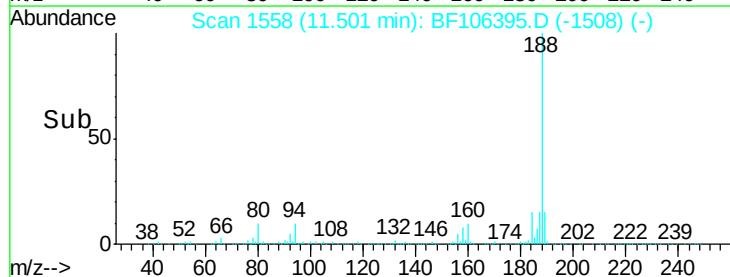
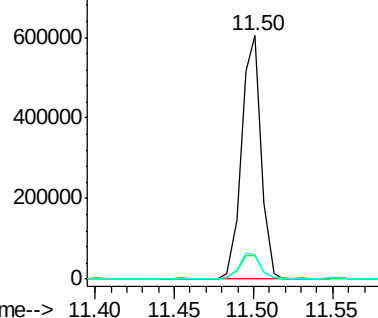
80 10.2 9.2 13.8

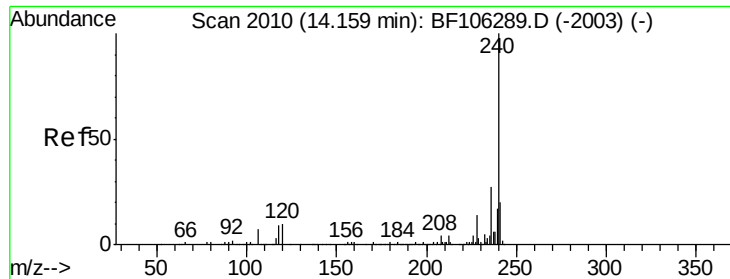


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106395.D

Acq: 13 Jun 2018 17:05

Instrument :

BNA_F

ClientSampleId :

N-48966

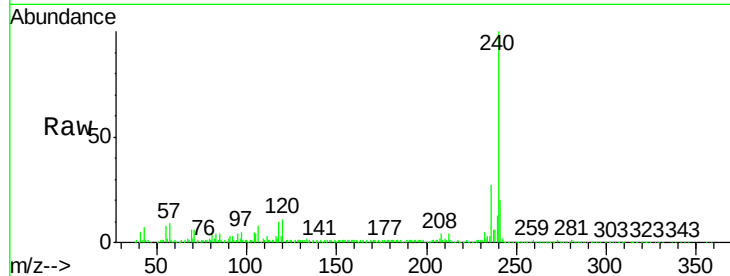
Tot Ion:240 Resp: 368732

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

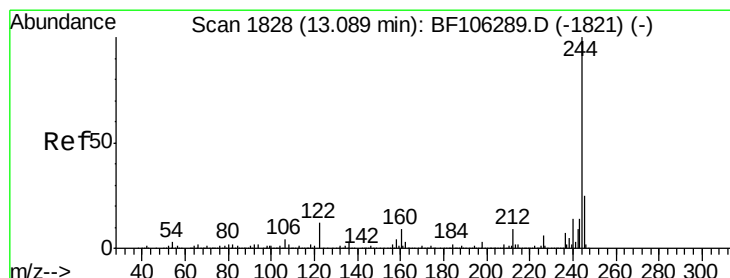
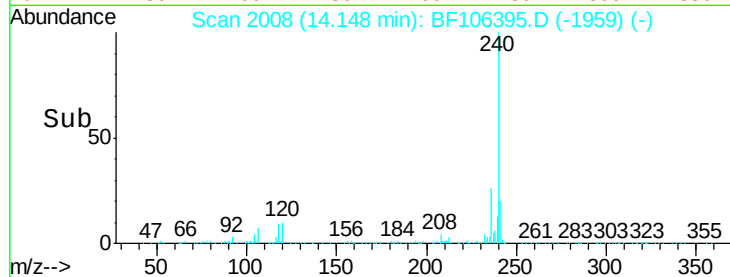
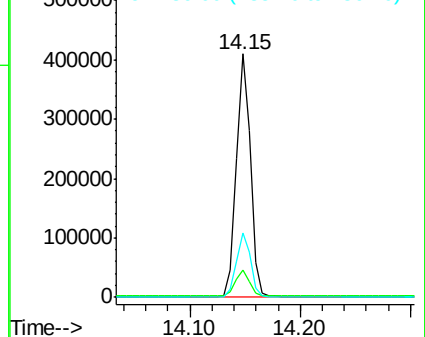
236 26.6 20.7 31.1



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: 72.214 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106395.D

Acq: 13 Jun 2018 17:05

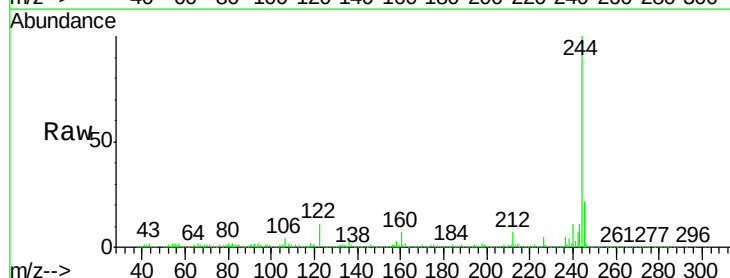
Tgt Ion:244 Resp: 1072065

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

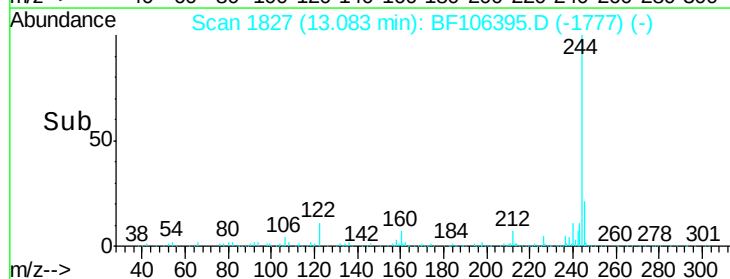
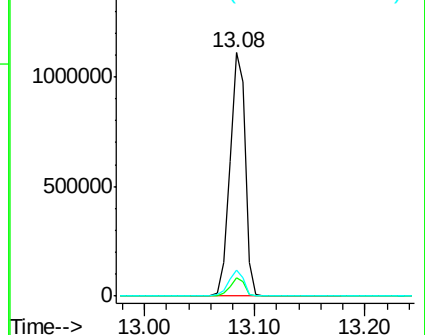
122 10.9 11.0 16.4#

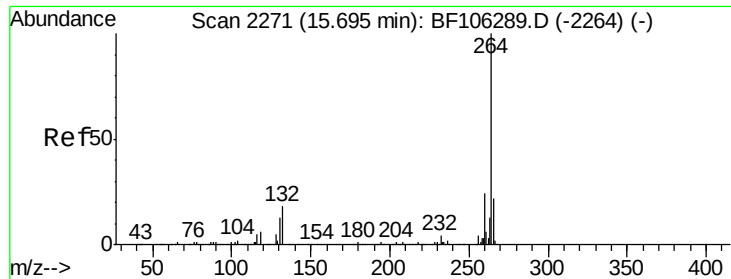


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

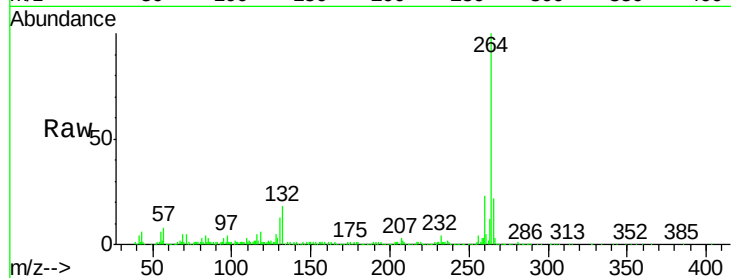




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

Instrument :
BNA_F
ClientSampleId :
N-48966

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	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

