

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106496.D
 Acq On : 15 Jun 2018 17:14
 Operator : JU/SJ
 Sample : J3464-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-COMP

Quant Time: Jun 15 22:58:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

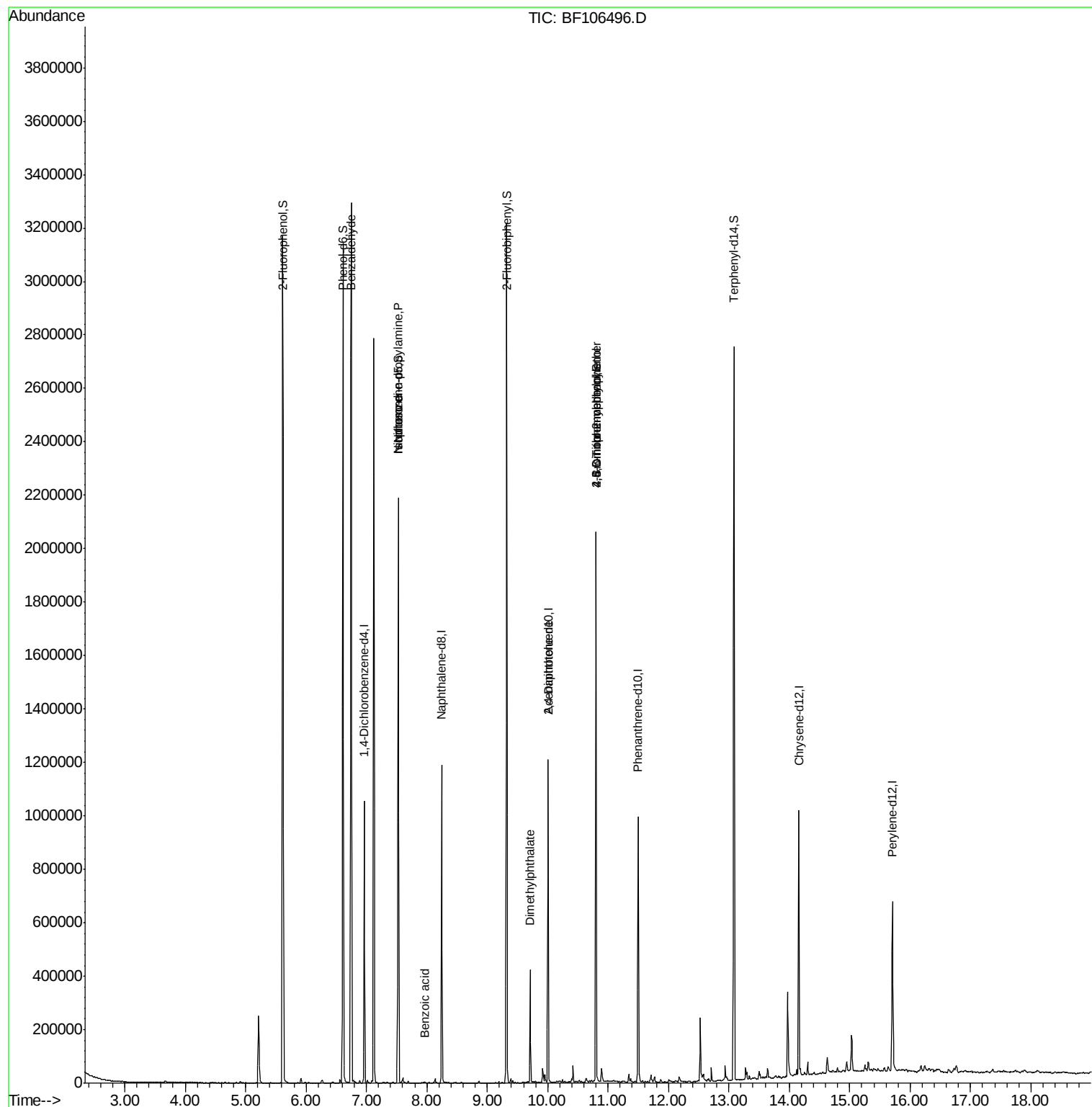
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	134062	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	488806	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	215577	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	351137	20.00	ng	0.00
75) Chrysene-d12	14.16	240	352004	20.00	ng	0.00
86) Perylene-d12	15.71	264	313414	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	917253	115.80	ng	0.00
7) Phenol-d6	6.61	99	1112485	111.17	ng	0.00
23) Nitrobenzene-d5	7.53	82	771765	92.88	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	271301	130.80	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1071095	89.81	ng	0.00
78) Terphenyl-d14	13.08	244	966592	68.20	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	21263	2.801	ng	80
19) n-Nitroso-di-n-propylamine	7.53	70	105651	14.072	ng	# 74
25) Isophorone	7.53	82	771756	47.553	ng	# 64
32) Benzoic acid	7.96	122	114	7.308	ng	# 37
49) Dimethylphthalate	9.71	163	148572	9.646	ng	100
56) 2,4-Dinitrotoluene	10.01	165	27942	7.073	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	438	6.496	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	17333	4.340	ng	# 1

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

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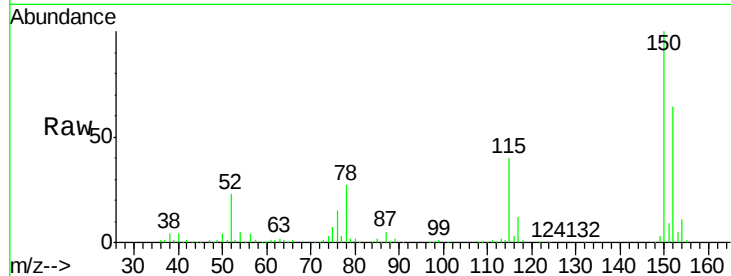




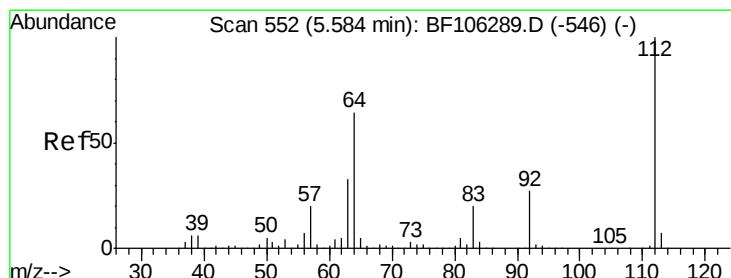
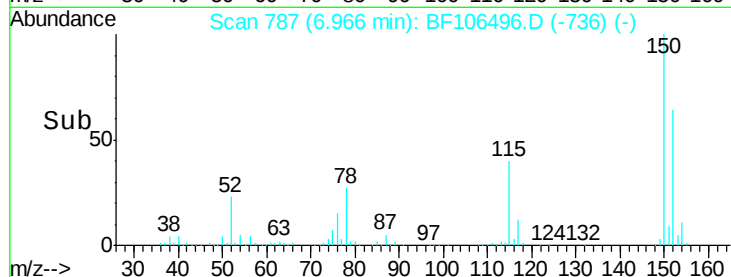
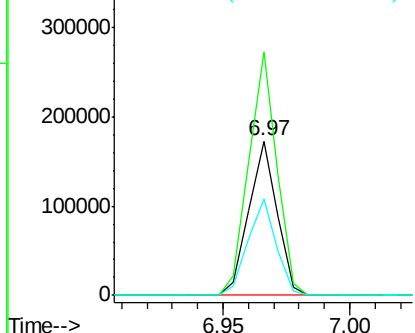
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF106496.D
 Acq: 15 Jun 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-COMP

Tgt Ion:152 Resp: 134062
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 62.6 50.1 75.1

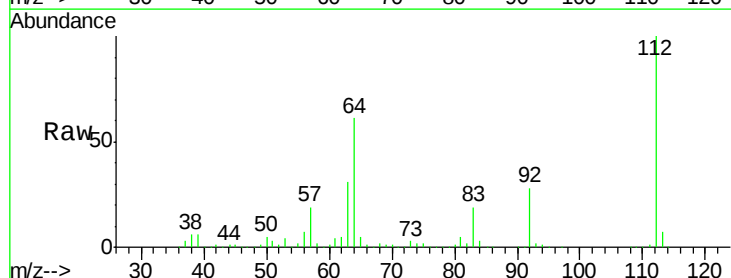


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

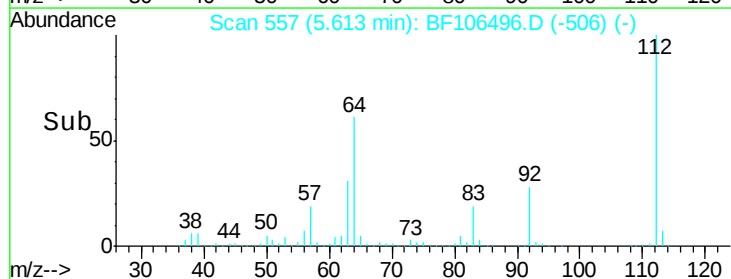
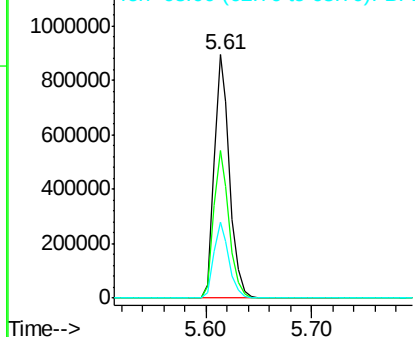


#5
 2-Fluorophenol
 Concen: 115.801 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF106496.D
 Acq: 15 Jun 2018 17:14

Tgt Ion:112 Resp: 917253
 Ion Ratio Lower Upper
 112 100
 64 60.7 47.9 71.9
 63 31.3 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: 111.166 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106496.D

Acq: 15 Jun 2018 17:14

Instrument :

BNA_F

ClientSampleId :

SB-38-COMP

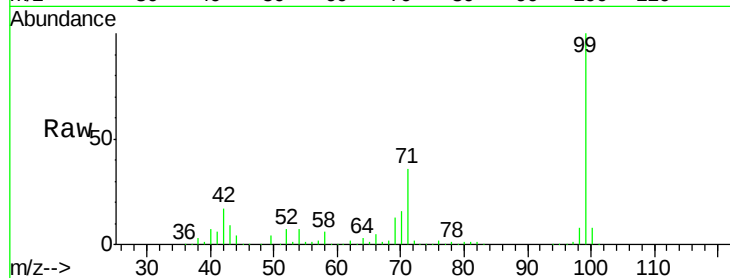
Tgt Ion: 99 Resp: 1112485

Ion Ratio Lower Upper

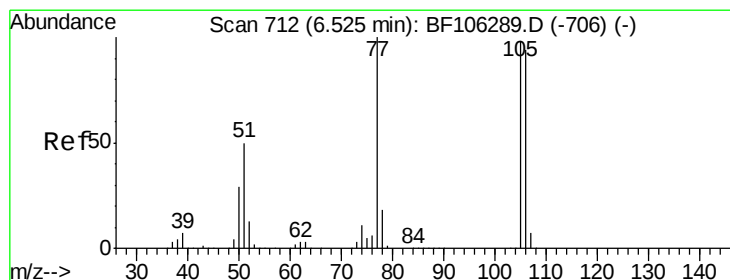
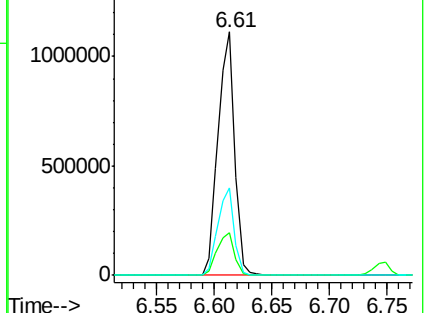
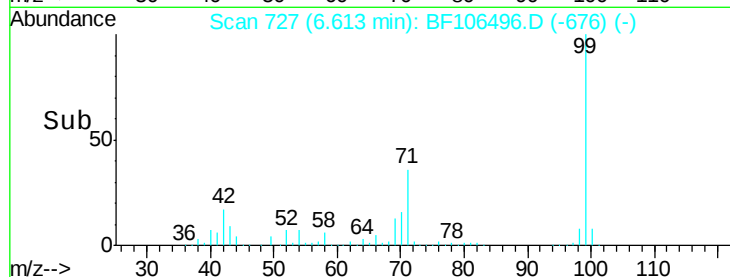
99 100

42 17.4 14.5 21.7

71 35.7 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



#9

Benzaldehyde

Concen: 2.801 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106496.D

Acq: 15 Jun 2018 17:14

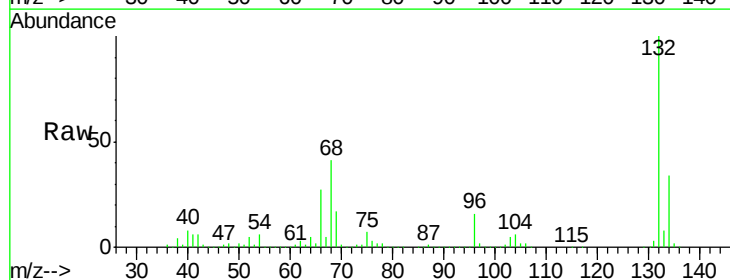
Tgt Ion: 77 Resp: 21263

Ion Ratio Lower Upper

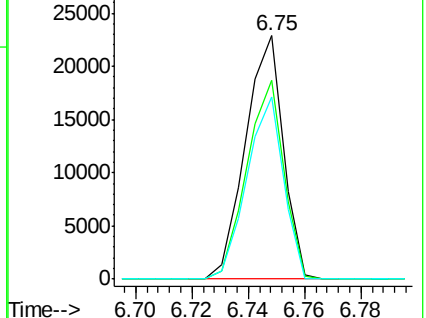
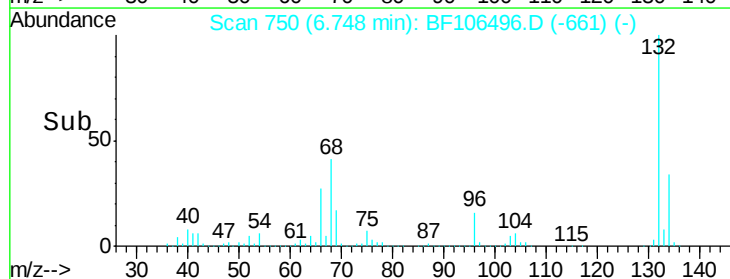
77 100

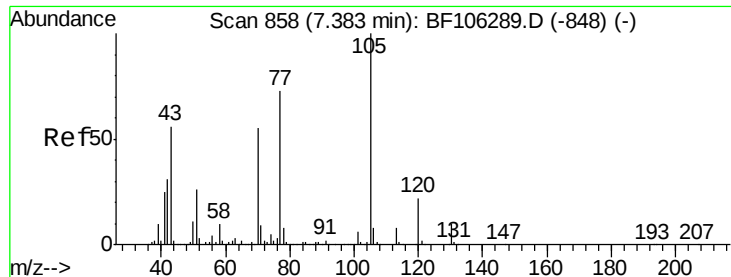
105 81.8 81.1 121.1

106 74.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

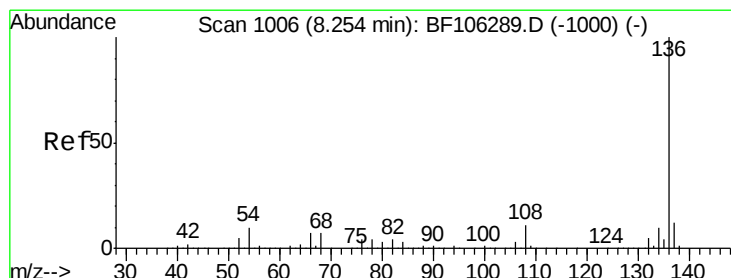
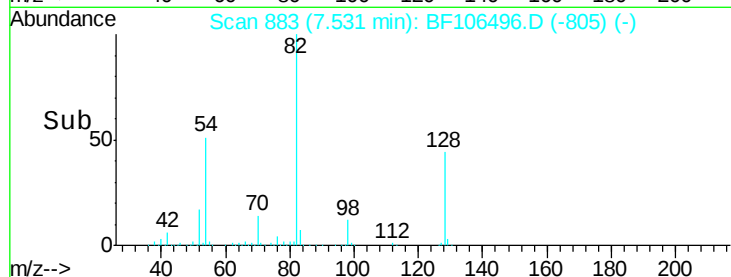
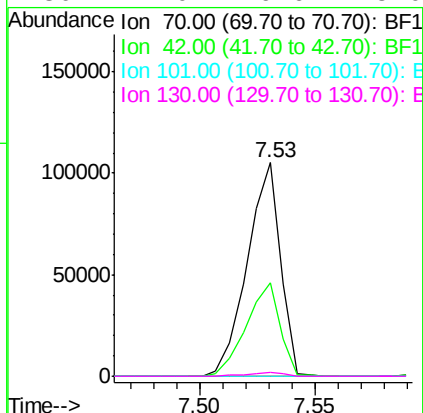
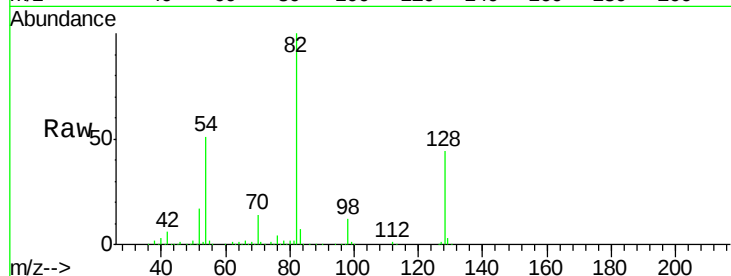




#19
n-Nitroso-di-n-propylamine
Concen: 14.072 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106496.D
Acq: 15 Jun 2018 17:14

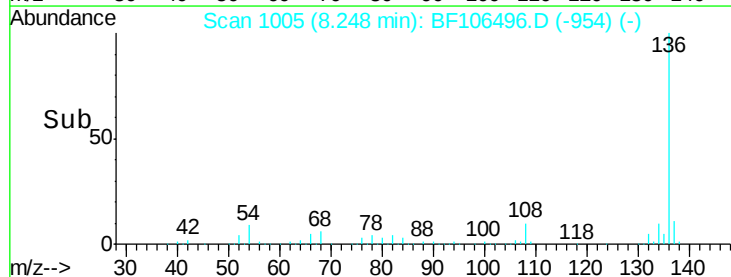
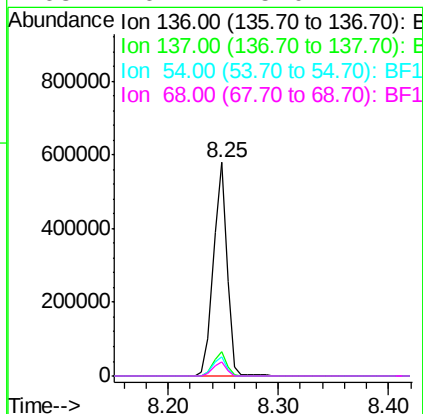
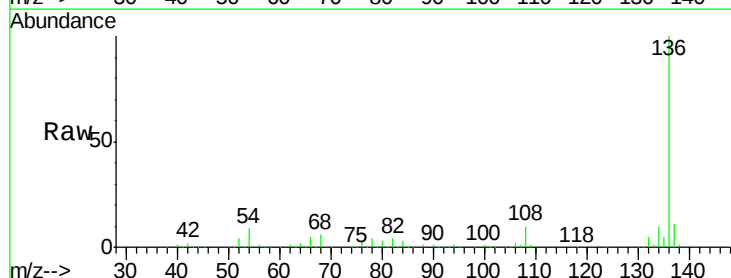
Instrument :
BNA_F
ClientSampleId :
SB-38-COMP

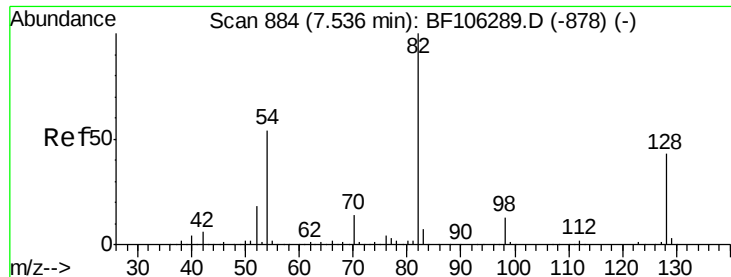
Tgt Ion: 70 Resp: 105651
Ion Ratio Lower Upper
70 100
42 43.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106496.D
Acq: 15 Jun 2018 17:14

Tgt Ion: 136 Resp: 488806
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.7 6.6 9.8
68 6.4 5.0 7.4

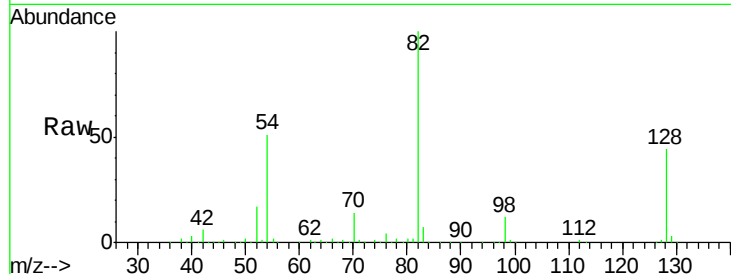




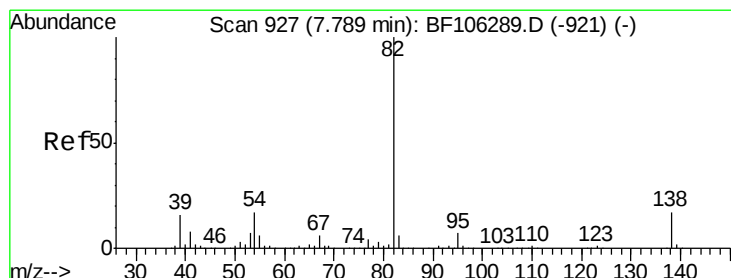
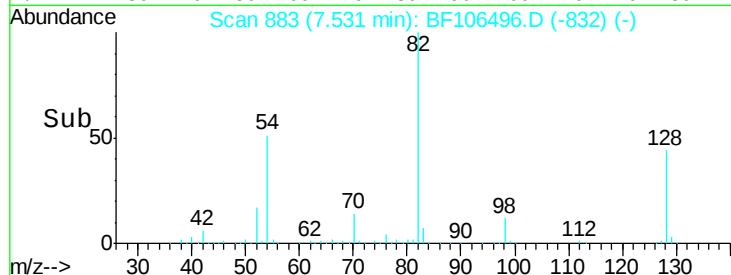
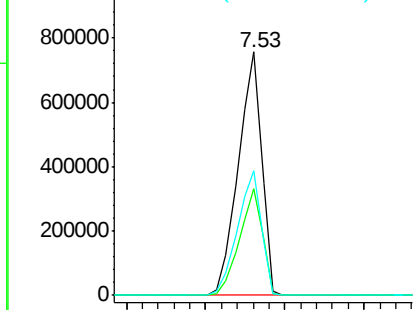
#23
 Nitrobenzene-d5
 Concen: 92.883 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106496.D
 Acq: 15 Jun 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	51.2	41.4	62.2

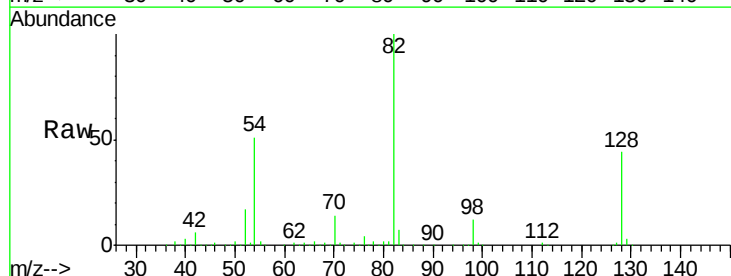


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

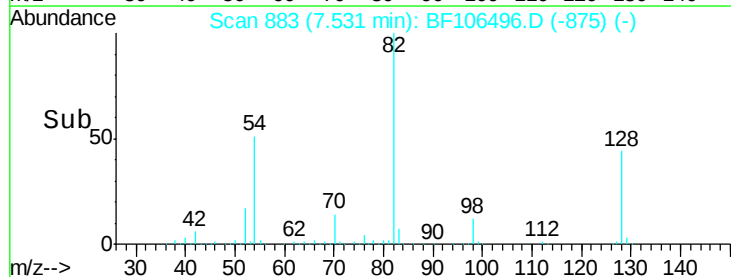
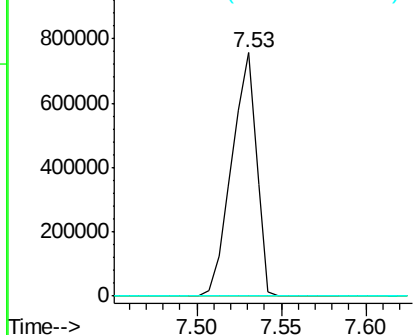


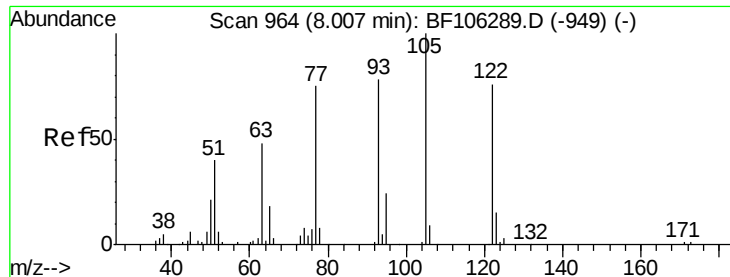
#25
 Isophorone
 Concen: 47.553 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.25 min
 Lab File: BF106496.D
 Acq: 15 Jun 2018 17:14

Tgt 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





#32

Benzoic acid

Concen: 7.308 ng

RT: 7.96 min Scan# 956

Delta R.T. -0.05 min

Lab File: BF106496.D

Acq: 15 Jun 2018 17:14

Instrument :

BNA_F

ClientSampleId :

SB-38-COMP

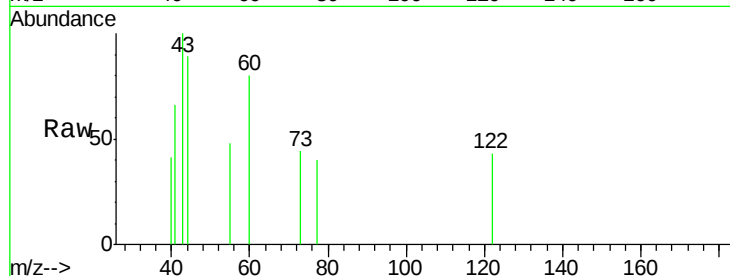
Tgt Ion:122 Resp: 114

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

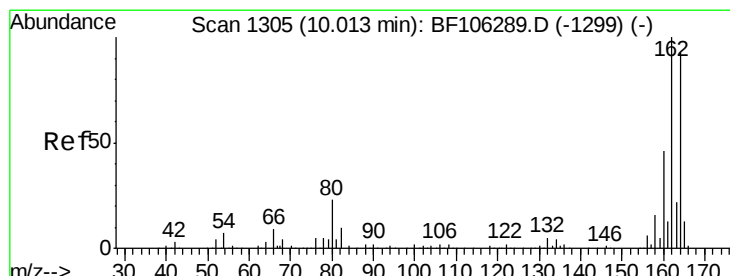
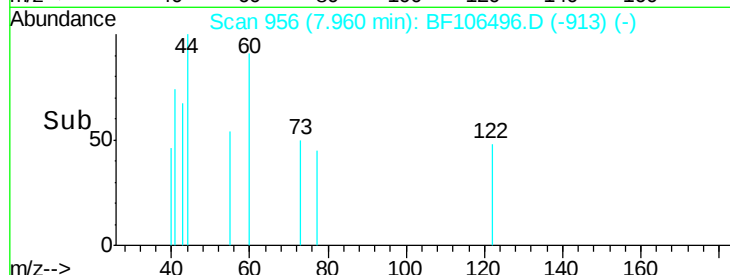
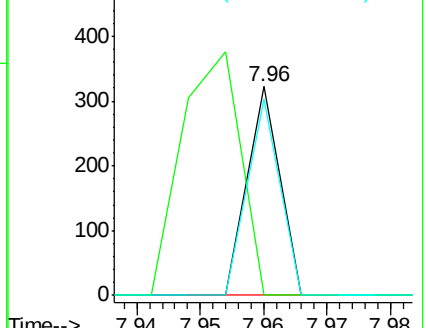
77 93.8 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106496.D

Acq: 15 Jun 2018 17:14

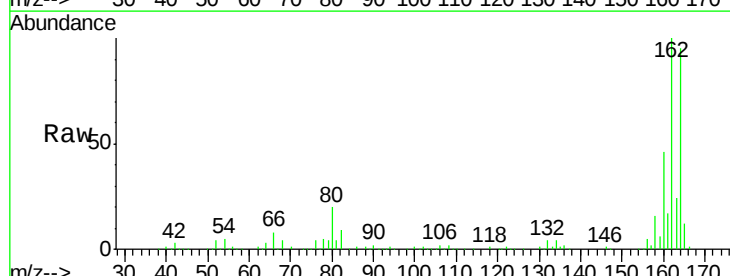
Tgt Ion:164 Resp: 215577

Ion Ratio Lower Upper

164 100

162 105.6 86.1 129.1

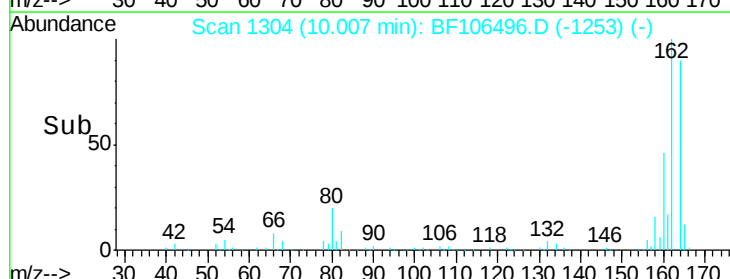
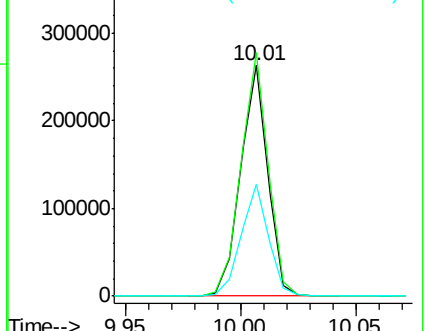
160 48.7 38.3 57.5

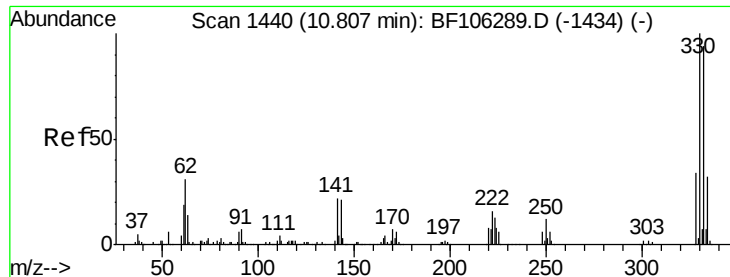


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

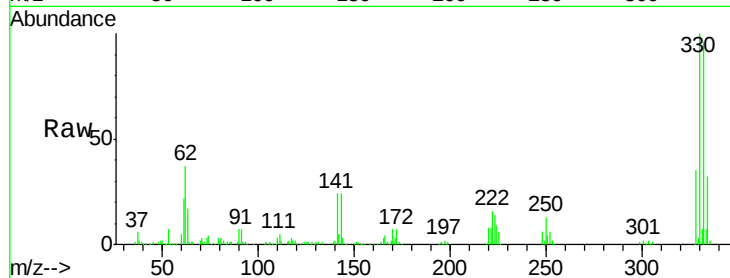




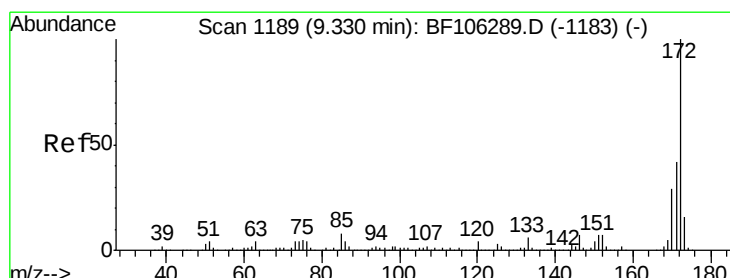
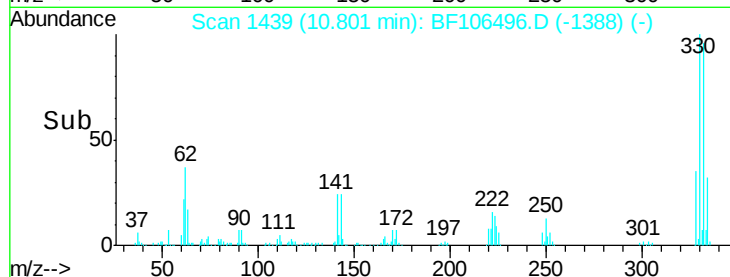
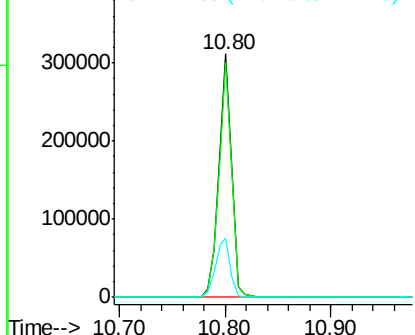
#41
 2,4,6-Tribromophenol
 Concen: 130.796 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106496.D
 Acq: 15 Jun 2018 17:14

Instrument :
 BNA_F
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 SB-38-COMP

Tgt Ion:330 Resp: 271301
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 27.4 29.9 44.9#

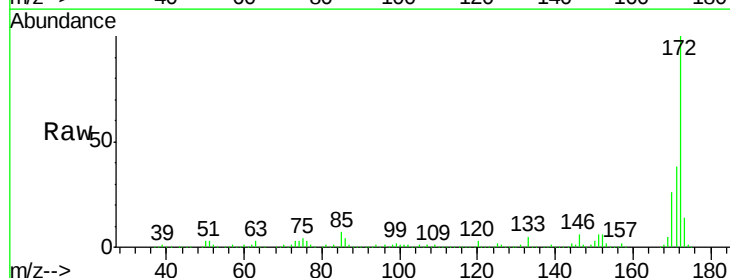


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

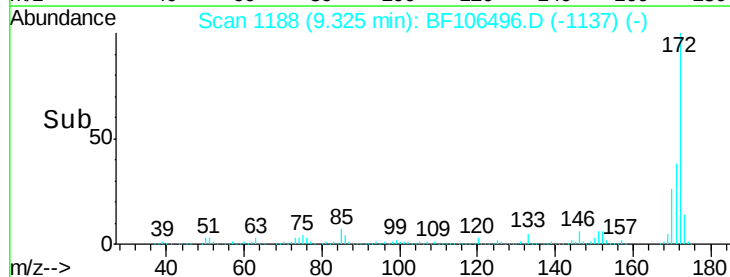
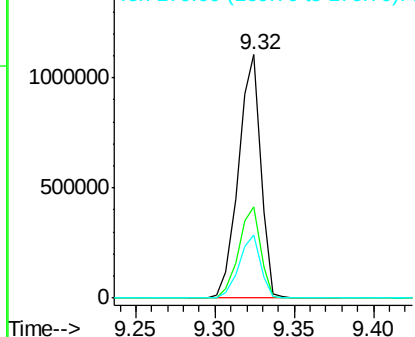


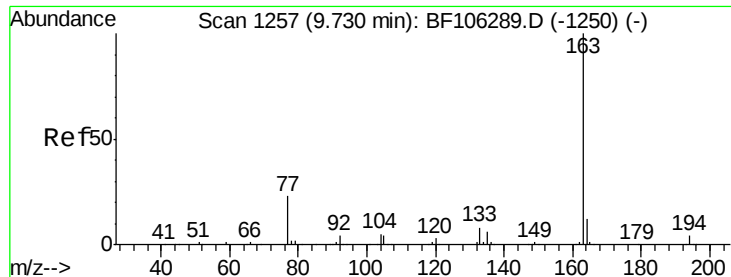
#44
 2-Fluorobiphenyl
 Concen: 89.814 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106496.D
 Acq: 15 Jun 2018 17:14

Tgt Ion:172 Resp: 1071095
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.7 44.5
 170 25.8 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

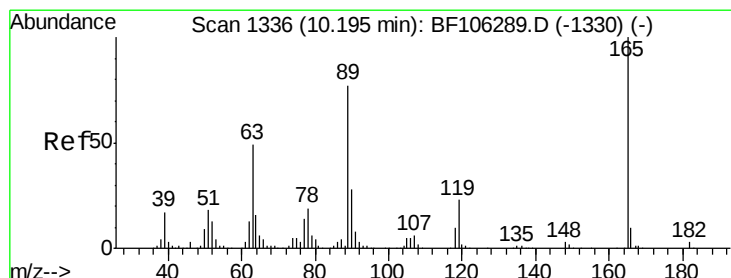
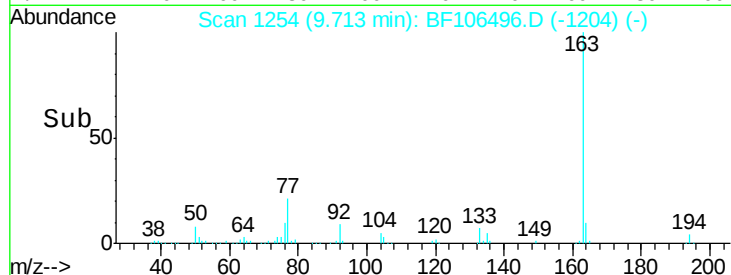
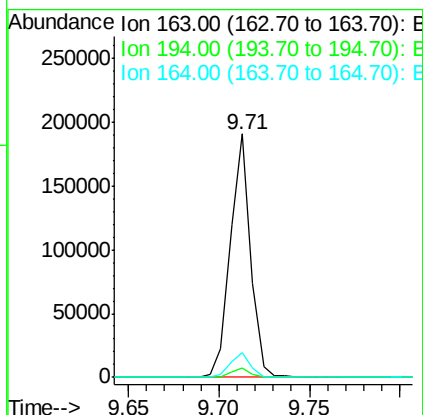
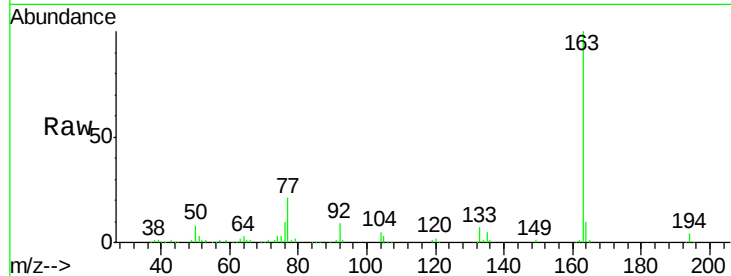




#49
Dimethylphthalate
Concen: 9.646 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106496.D
Acq: 15 Jun 2018 17:14

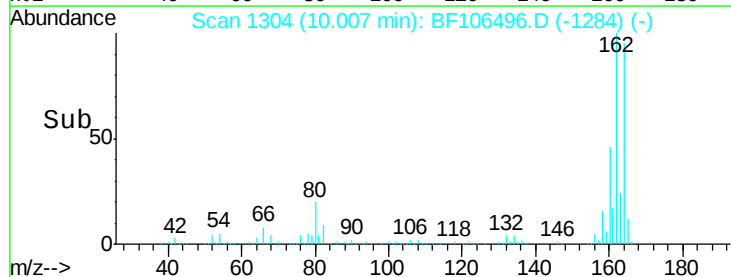
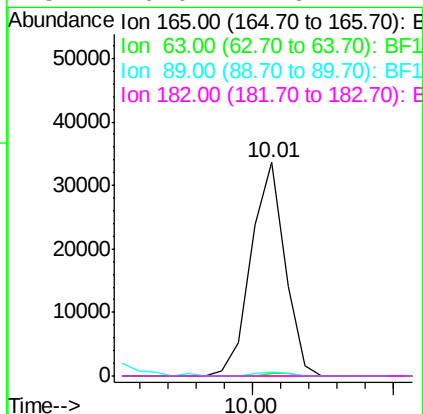
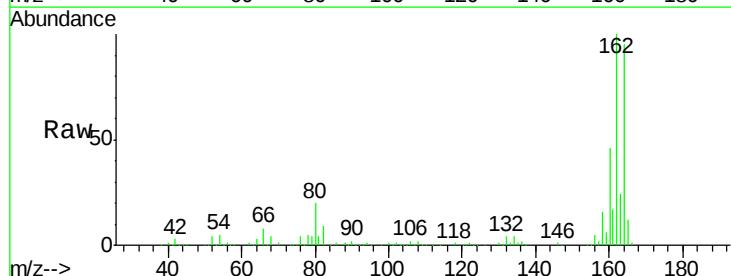
Instrument :
BNA_F
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SB-38-COMP

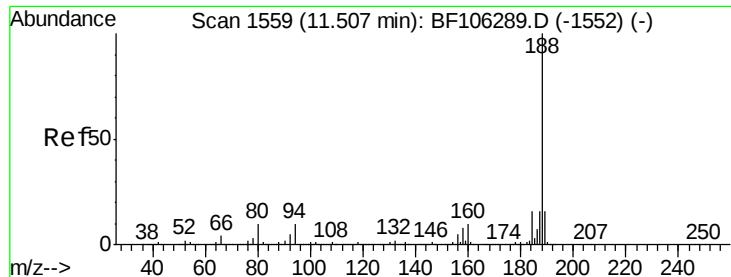
Tgt Ion:163 Resp: 148572
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.3 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 7.073 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106496.D
Acq: 15 Jun 2018 17:14

Tgt Ion:165 Resp: 27942
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 2.0 57.8 86.6#
182 0.0 1.6 2.4#

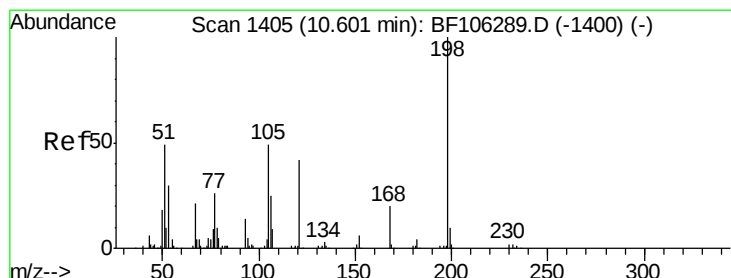
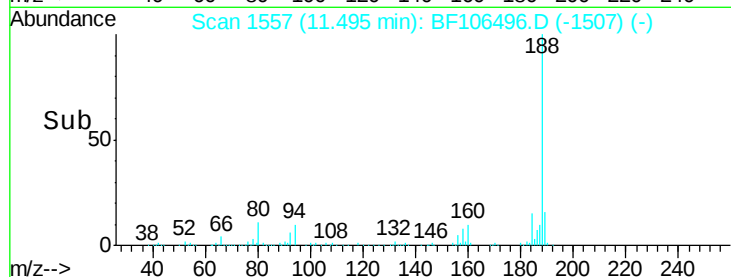
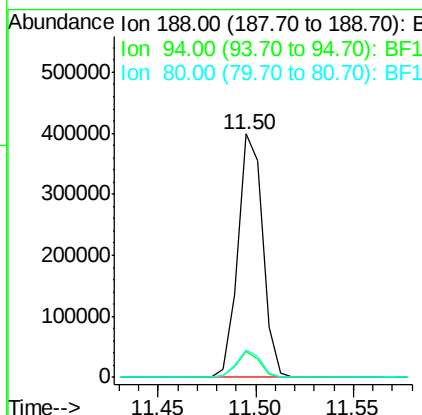
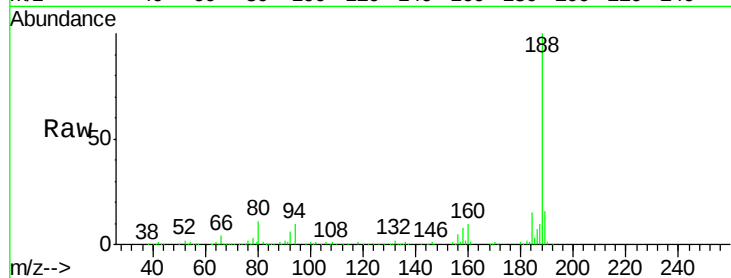




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106496.D
Acq: 15 Jun 2018 17:14

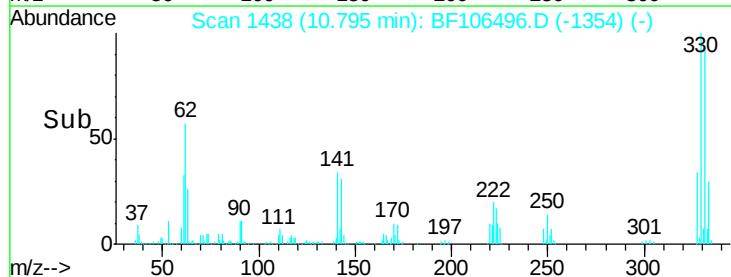
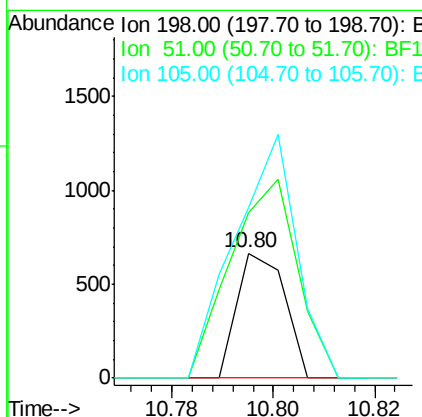
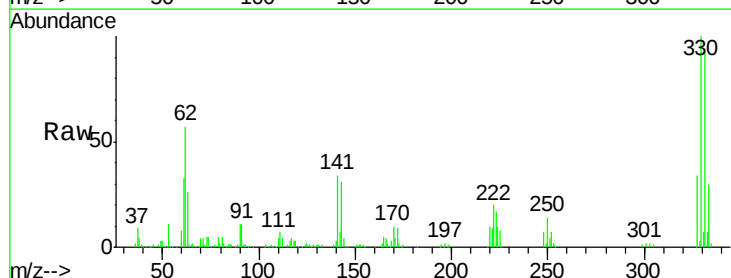
Instrument :
BNA_F
ClientSampleId :
SB-38-COMP

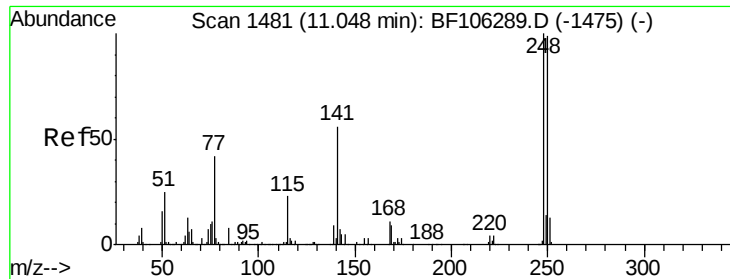
Tgt Ion:188 Resp: 351137
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.496 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF106496.D
Acq: 15 Jun 2018 17:14

Tgt Ion:198 Resp: 438
Ion Ratio Lower Upper
198 100
51 132.5 37.7 77.7#
105 136.4 36.3 76.3#

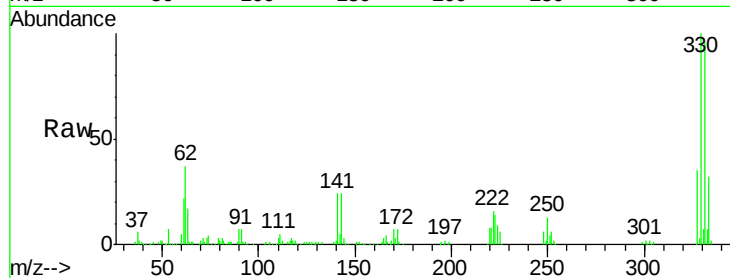




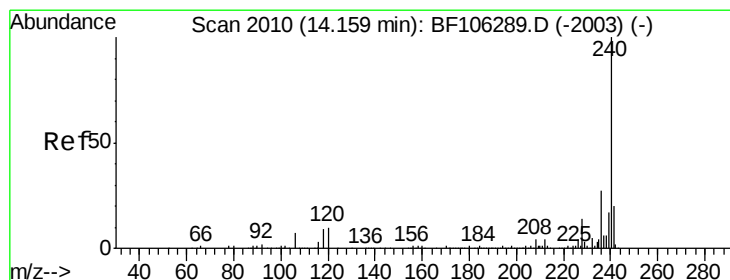
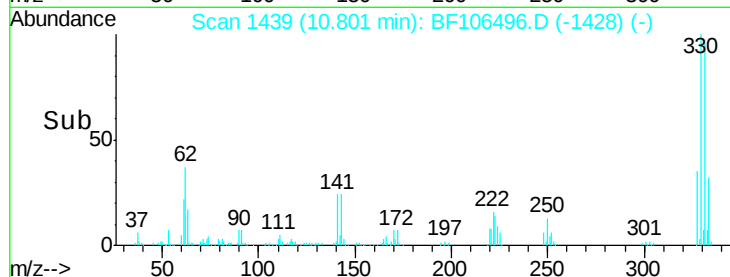
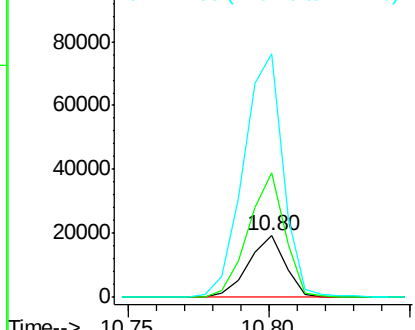
#66
4-Bromophenyl-phenylether
Concen: 4.340 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106496.D
Acq: 15 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SB-38-COMP

Tgt Ion:248 Resp: 17333
Ion Ratio Lower Upper
248 100
250 203.5 76.9 115.3#
141 396.9 74.4 111.6#

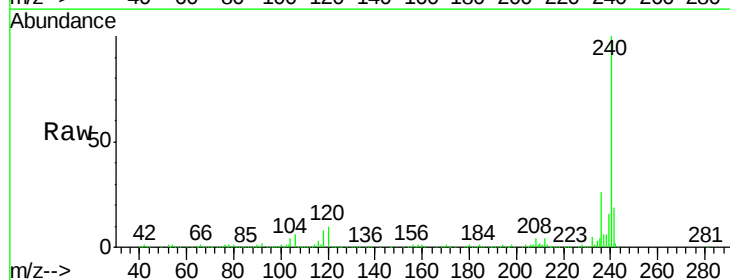


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

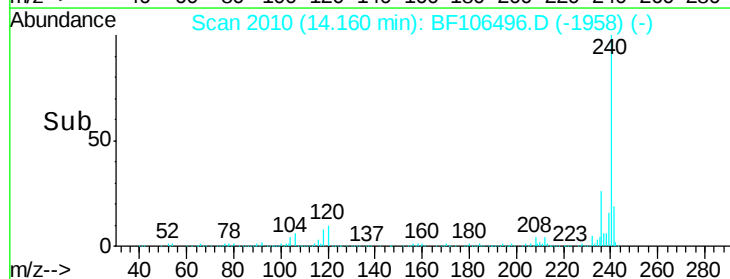
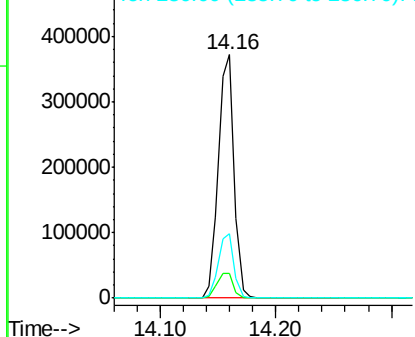


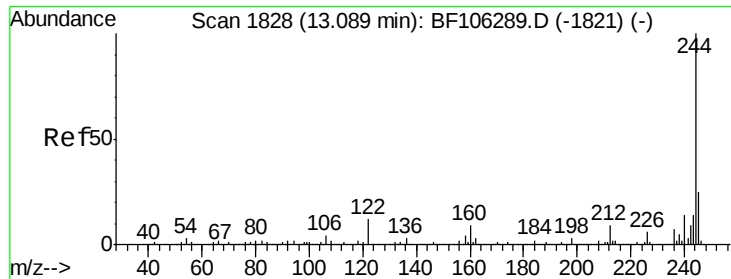
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF106496.D
Acq: 15 Jun 2018 17:14

Tgt Ion:240 Resp: 352004
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 26.4 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: 68.204 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106496.D

Acq: 15 Jun 2018 17:14

Instrument :

BNA_F

ClientSampleId :

SB-38-COMP

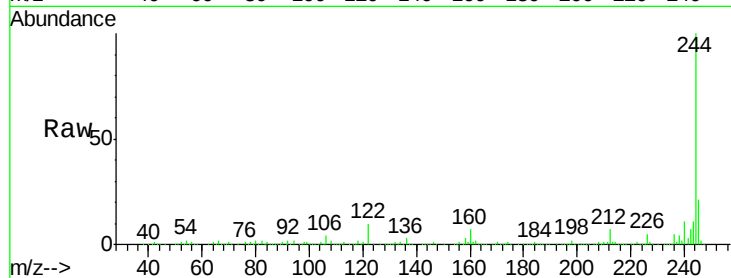
Tgt Ion:244 Resp: 966592

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

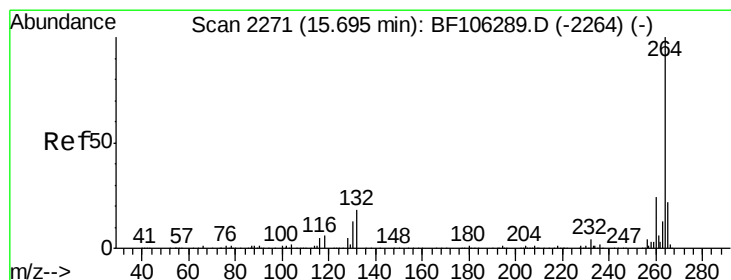
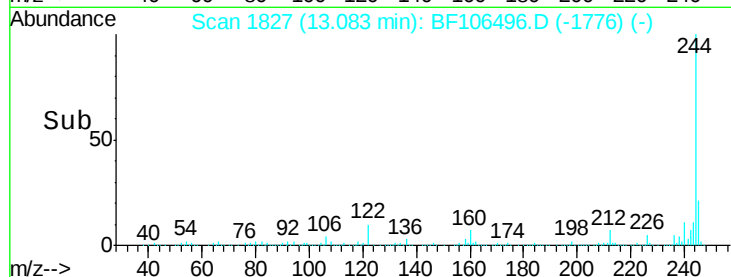
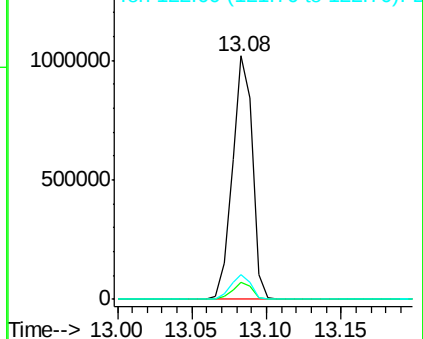
122 10.2 11.0 16.4#



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: 15.71 min Scan# 2273

Delta R.T. 0.02 min

Lab File: BF106496.D

Acq: 15 Jun 2018 17:14

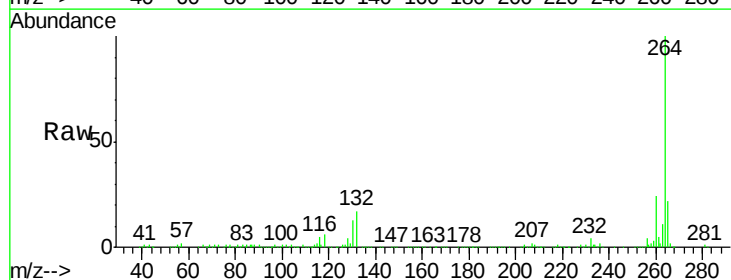
Tgt Ion:264 Resp: 313414

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.1 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

