

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106499.D
 Acq On : 15 Jun 2018 18:33
 Operator : JU/SJ
 Sample : J3504-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-51COMP

Quant Time: Jun 15 22:58:31 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

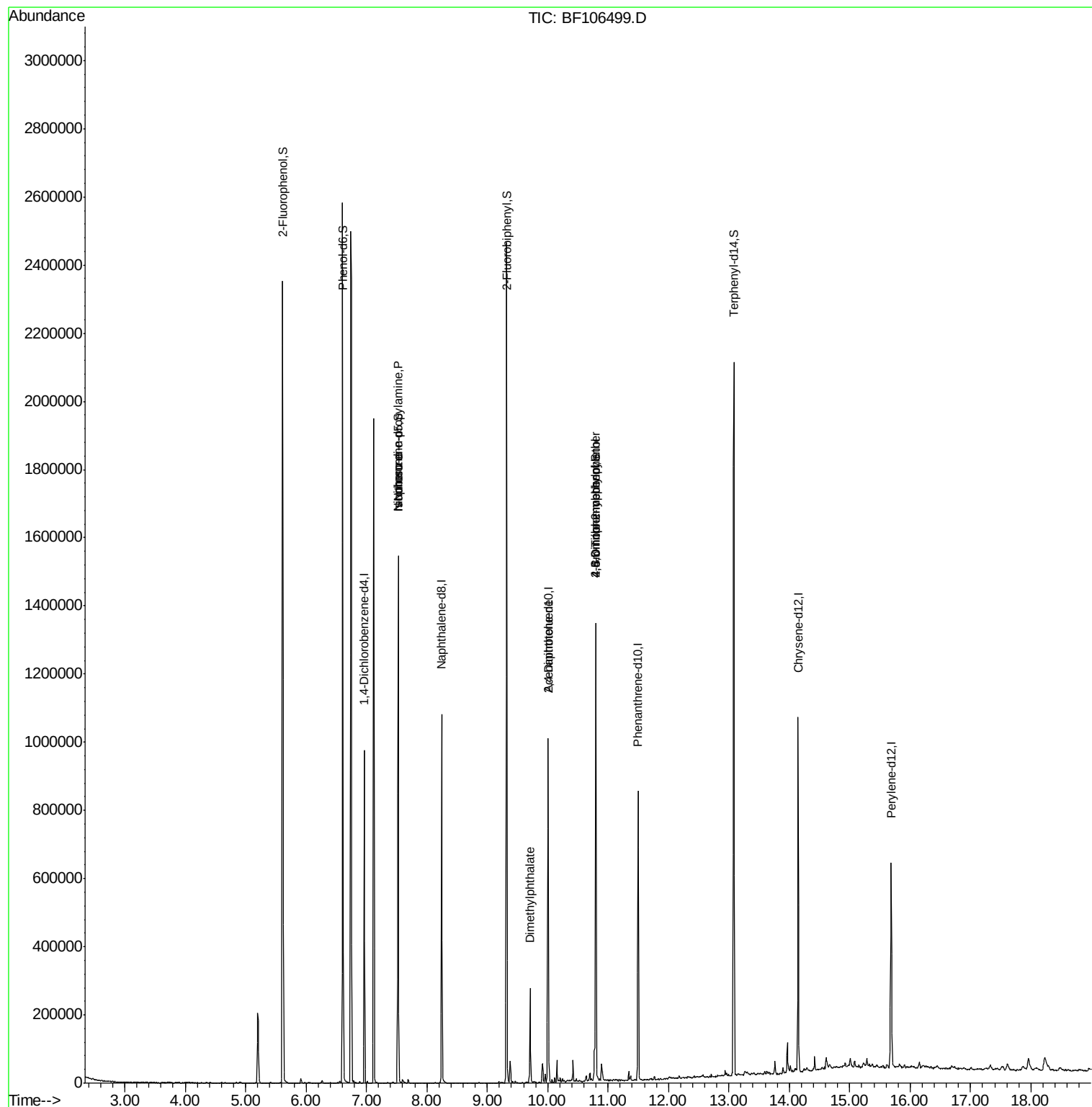
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	122653	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	448930	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	184288	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	293343	20.00	ng	0.00
75) Chrysene-d12	14.15	240	337346	20.00	ng	0.00
86) Perylene-d12	15.69	264	299372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	699797	96.57	ng	0.00
7) Phenol-d6	6.61	99	848977	92.73	ng	0.00
23) Nitrobenzene-d5	7.52	82	549541	72.01	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	165414	93.29	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	785019	71.94	ng	0.00
78) Terphenyl-d14	13.08	244	702233	51.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	75064	10.928	ng	# 77
25) Isophorone	7.52	82	549536	36.868	ng	# 64
49) Dimethylphthalate	9.71	163	102596	7.792	ng	# 99
56) 2,4-Dinitrotoluene	10.01	165	23375	6.921	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	251	6.433	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	11649	3.491	ng	# 1

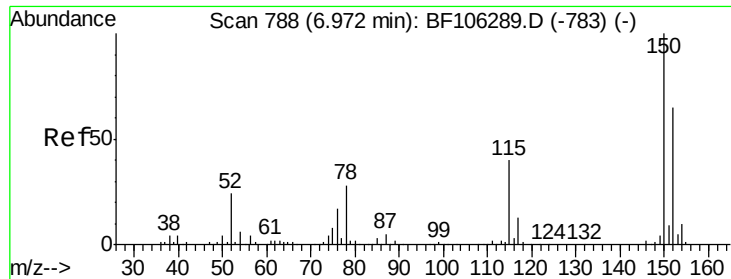
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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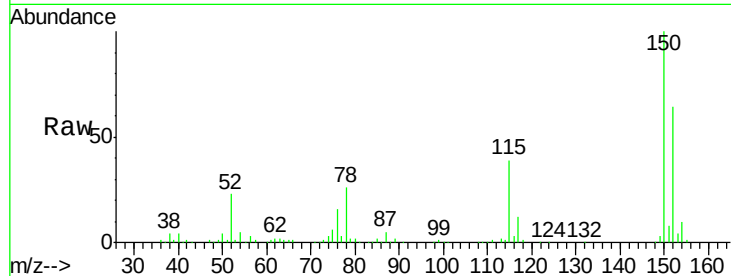


#1

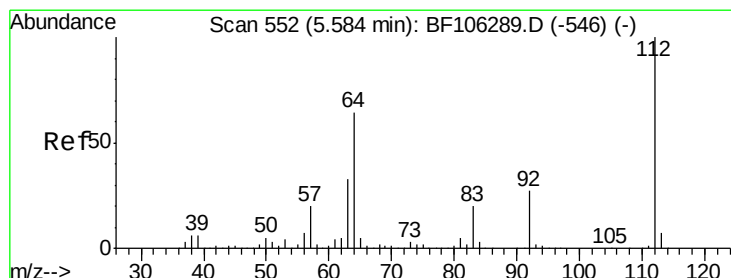
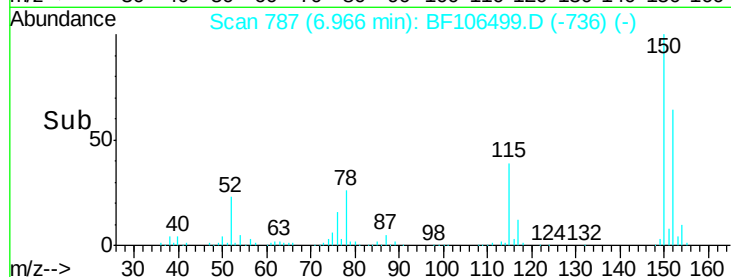
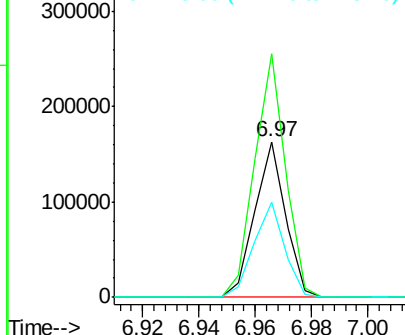
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106499.D
Acq: 15 Jun 2018 18:33

Instrument :
BNA_F
ClientSampleId :
SB-51COMP

Tgt Ion:152 Resp: 122653
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 61.4 50.1 75.1



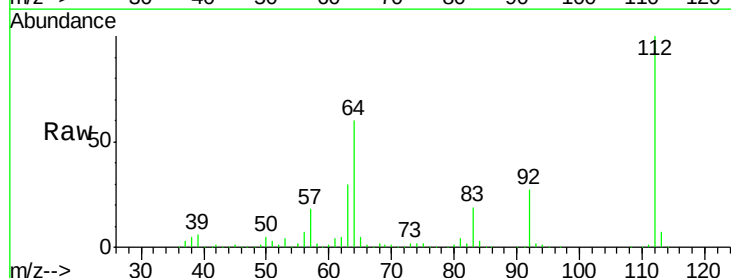
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



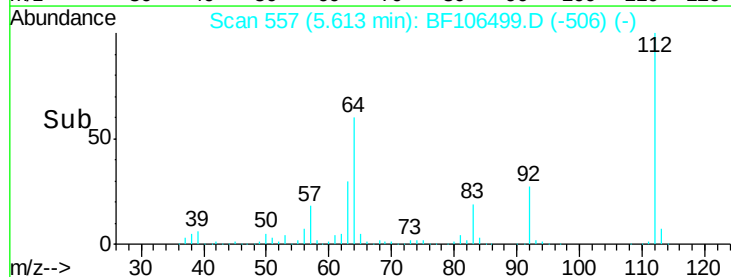
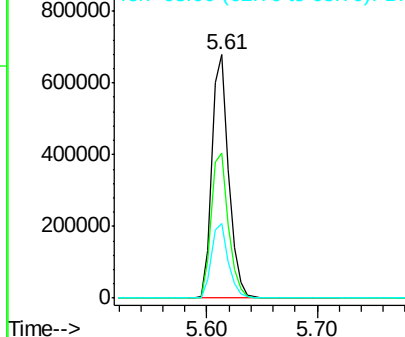
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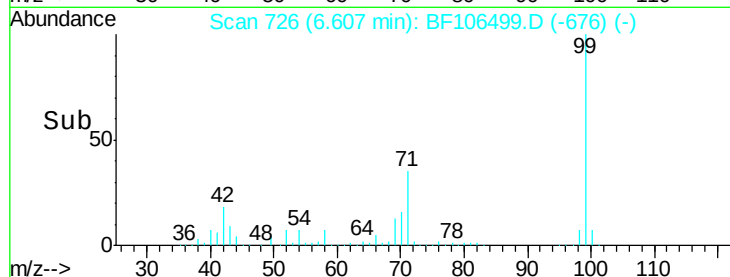
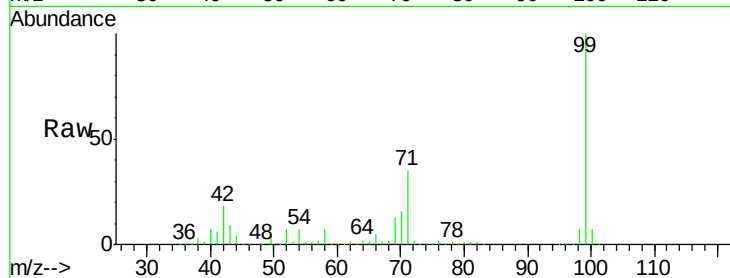
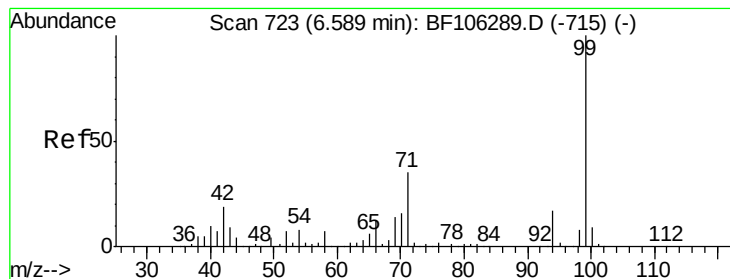
2-Fluorophenol
Concen: 96.566 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106499.D
Acq: 15 Jun 2018 18:33

Tgt Ion:112 Resp: 699797
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 30.5 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: 92.726 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106499.D

Acq: 15 Jun 2018 18:33

Instrument :

BNA_F

ClientSampleId :

SB-51COMP

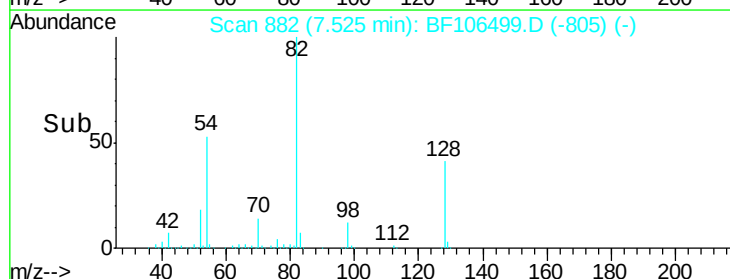
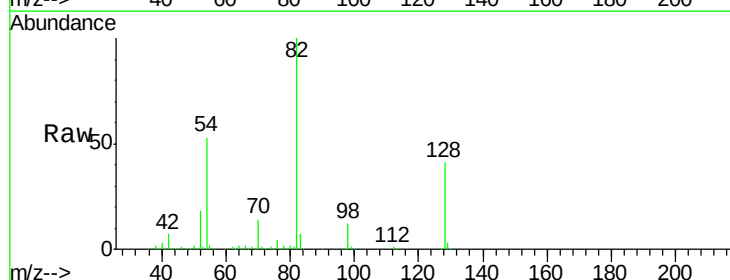
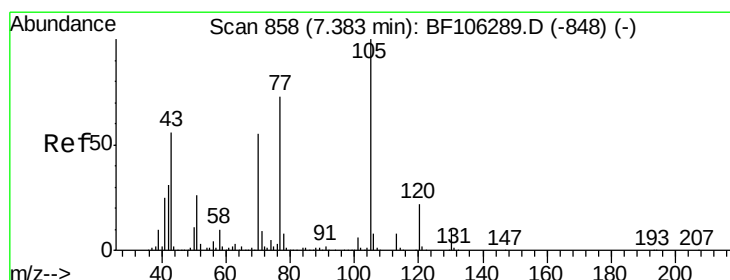
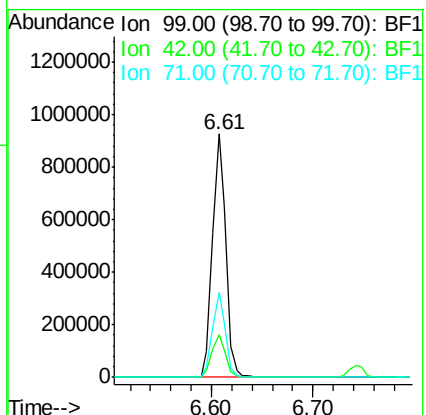
Tgt Ion: 99 Resp: 848977

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

71 35.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.928 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106499.D

Acq: 15 Jun 2018 18:33

Tgt Ion: 70 Resp: 75064

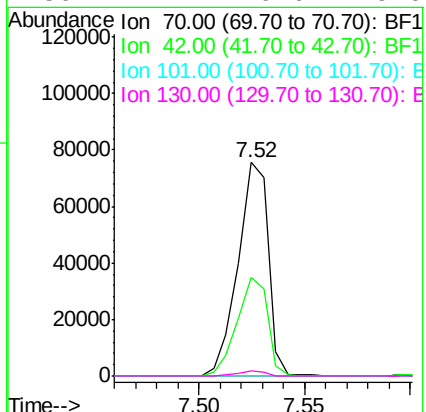
Ion Ratio Lower Upper

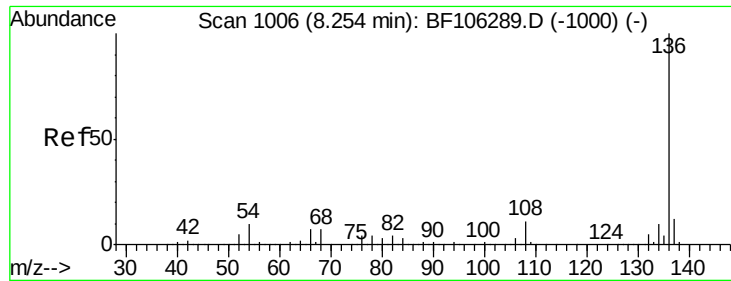
70 100

42 46.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

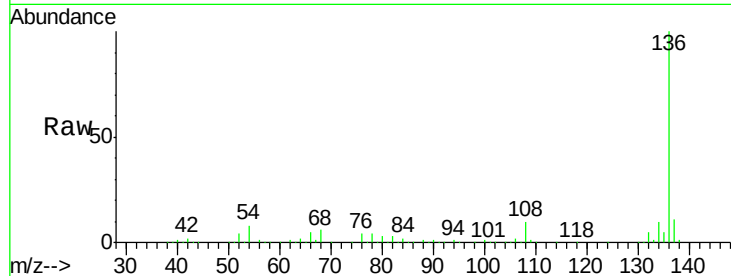




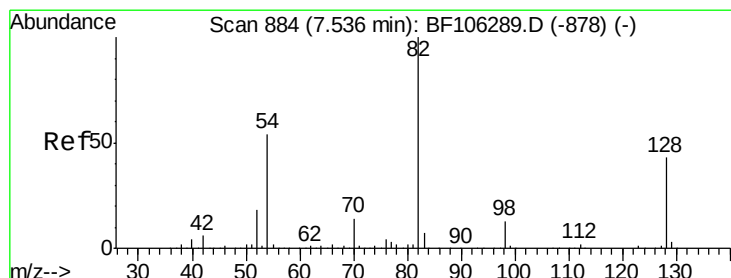
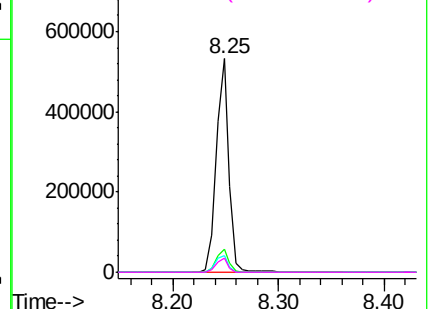
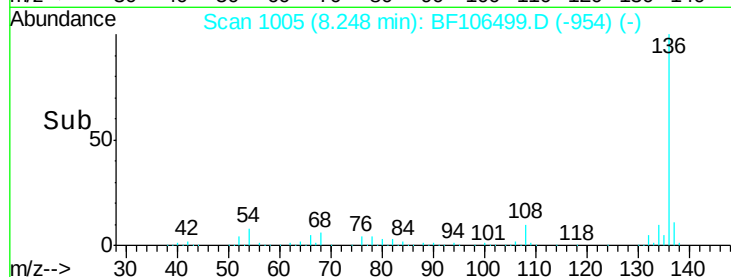
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106499.D
Acq: 15 Jun 2018 18:33

Instrument :
BNA_F
ClientSampleId :
SB-51COMP

Tgt Ion:	136	Resp:	448930
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.1	6.6	9.8
68	6.4	5.0	7.4

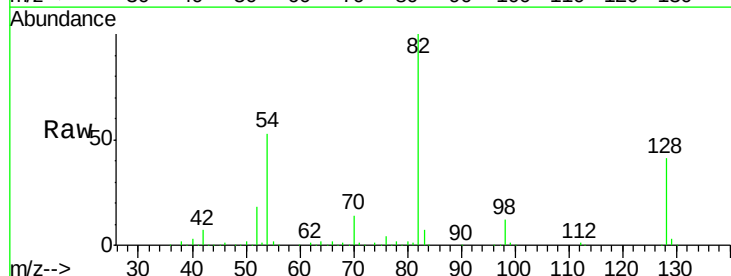


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

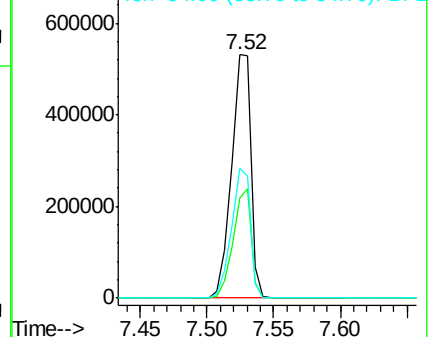
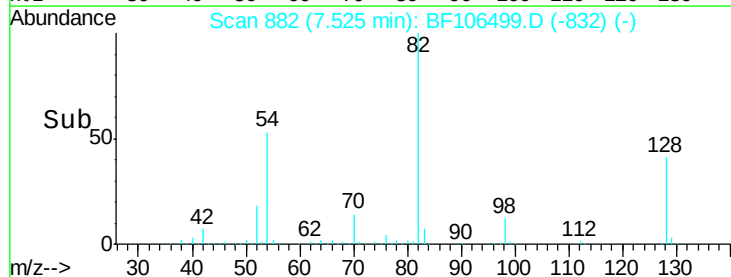


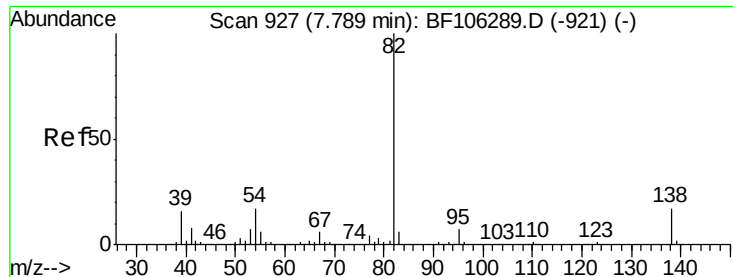
#23
Nitrobenzene-d5
Concen: 72.013 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106499.D
Acq: 15 Jun 2018 18:33

Tgt Ion:	82	Resp:	549541
Ion	Ratio	Lower	Upper
82	100		
128	41.2	36.1	54.1
54	53.3	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: 36.868 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106499.D

Acq: 15 Jun 2018 18:33

Instrument :

BNA_F

ClientSampleId :

SB-51COMP

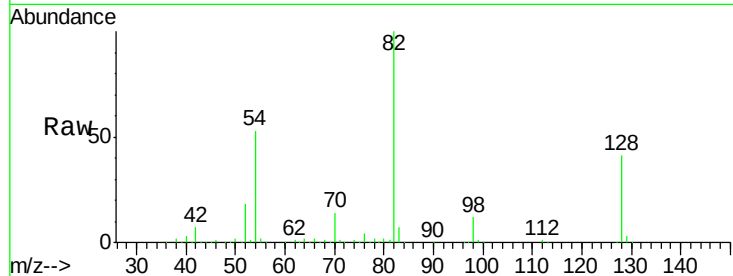
Tgt Ion: 82 Resp: 549536

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

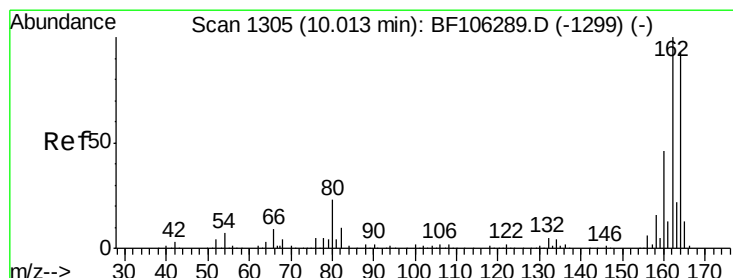
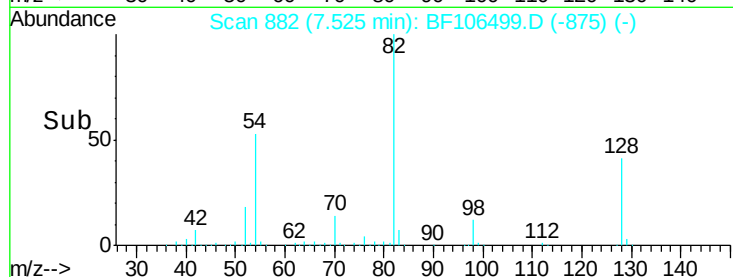
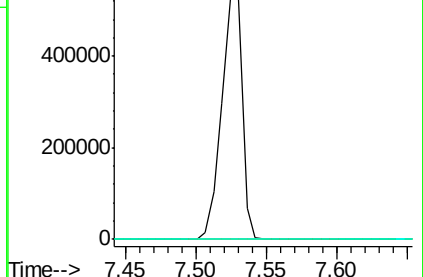
138 0.0 14.9 22.3#



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. 0.00 min

Lab File: BF106499.D

Acq: 15 Jun 2018 18:33

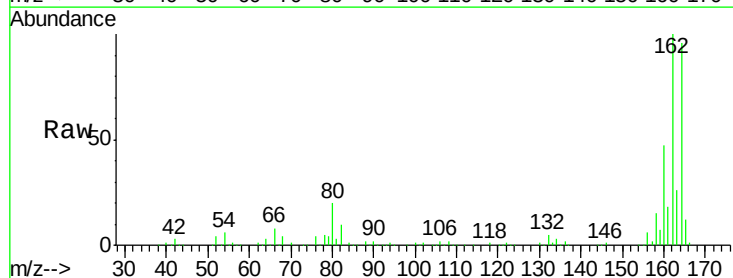
Tgt Ion: 164 Resp: 184288

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

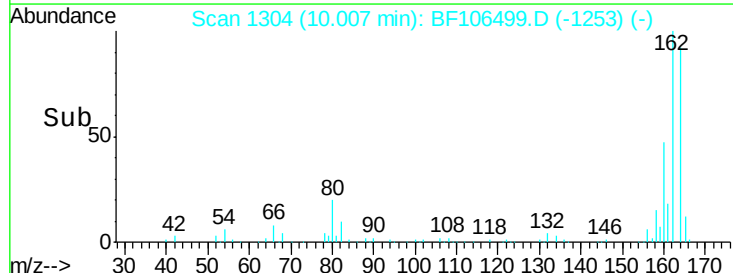
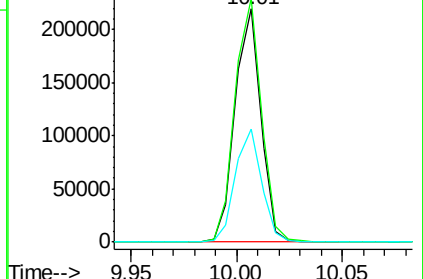
160 48.5 38.3 57.5

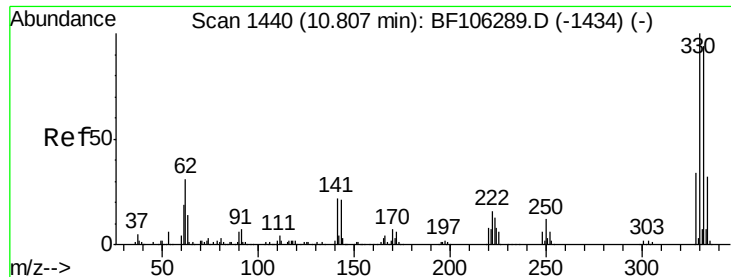


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

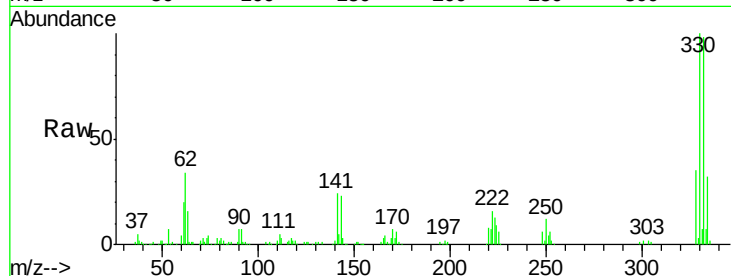




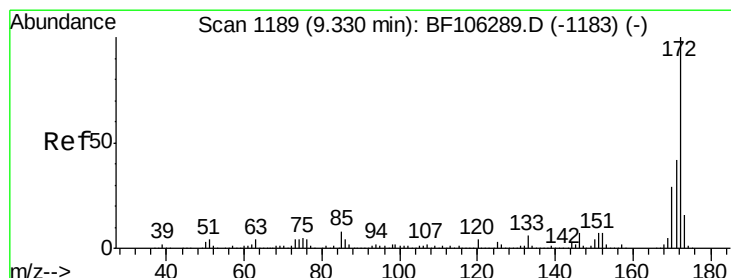
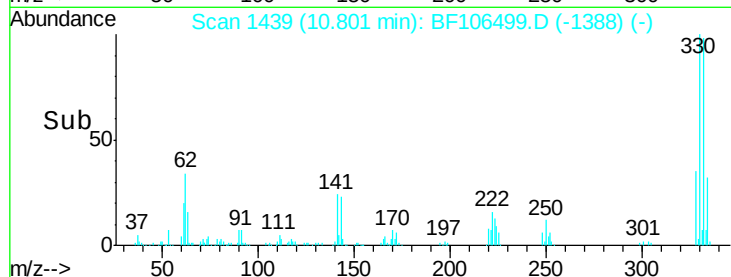
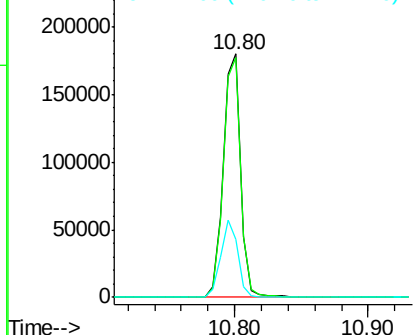
#41
 2,4,6-Tribromophenol
 Concen: 93.287 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106499.D
 Acq: 15 Jun 2018 18:33

Instrument :
 BNA_F
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 SB-51COMP

Tgt Ion:330 Resp: 165414
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 31.2 29.9 44.9

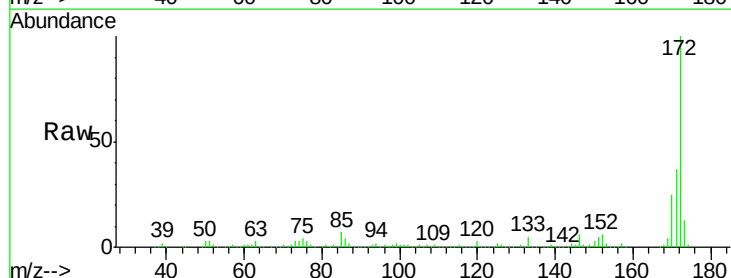


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

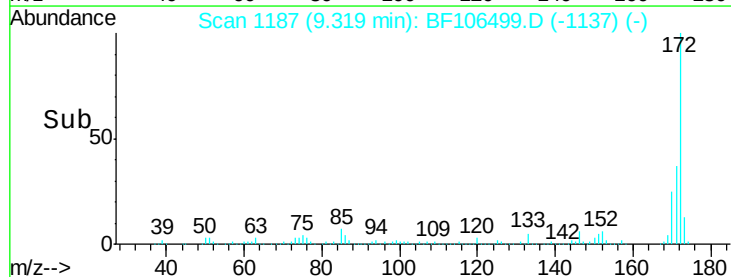
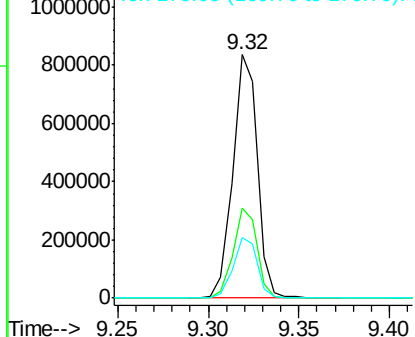


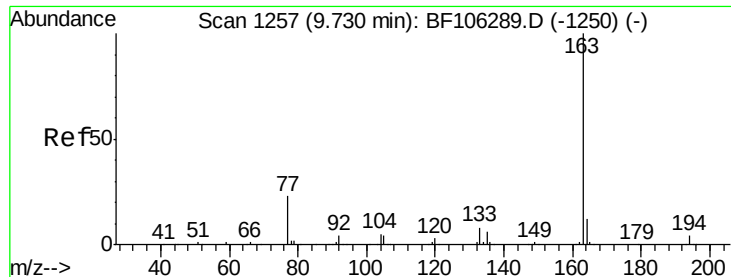
#44
 2-Fluorobiphenyl
 Concen: 71.943 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106499.D
 Acq: 15 Jun 2018 18:33

Tgt Ion:172 Resp: 785019
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.8 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

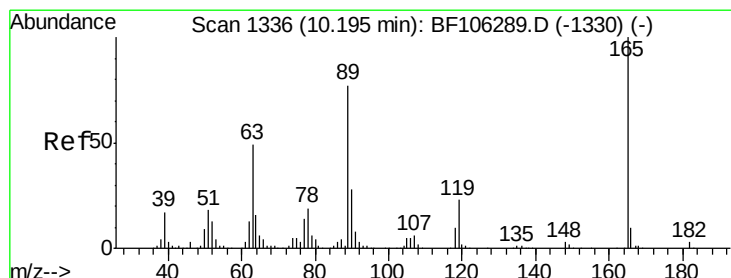
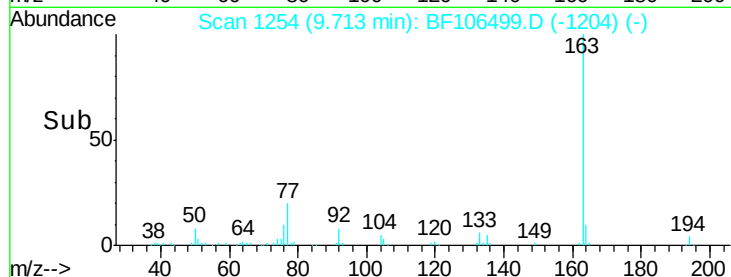
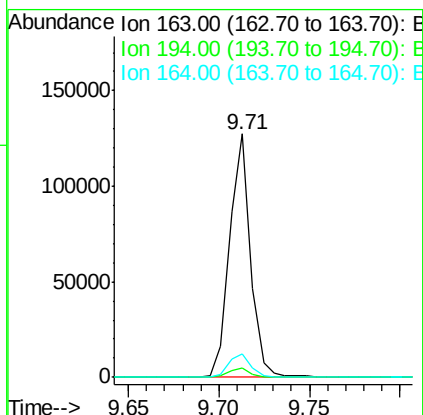
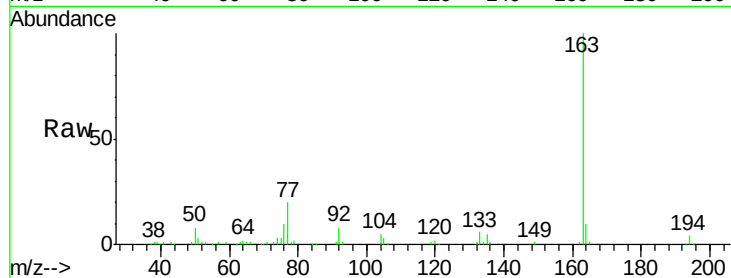




#49
Dimethylphthalate
Concen: 7.792 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106499.D
Acq: 15 Jun 2018 18:33

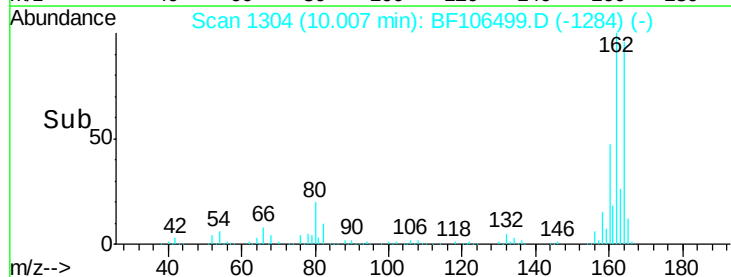
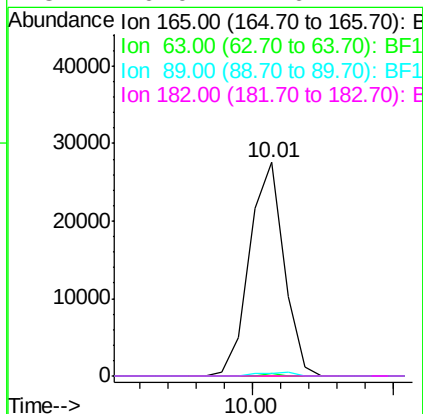
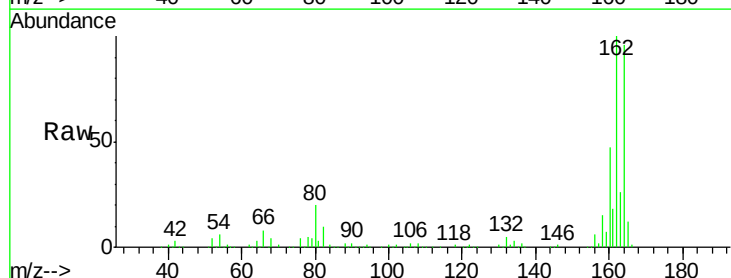
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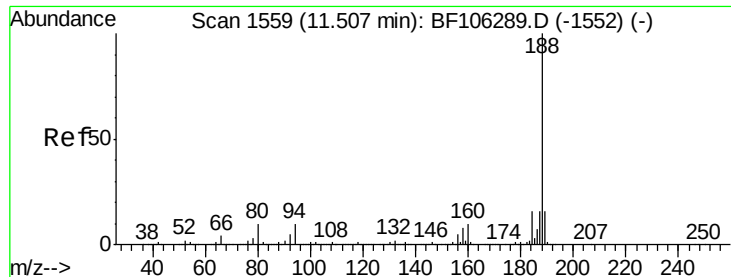
Tgt Ion:163 Resp: 102596
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.8 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.921 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106499.D
Acq: 15 Jun 2018 18:33

Tgt Ion:165 Resp: 23375
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.3 57.8 86.6#
182 0.0 1.6 2.4#

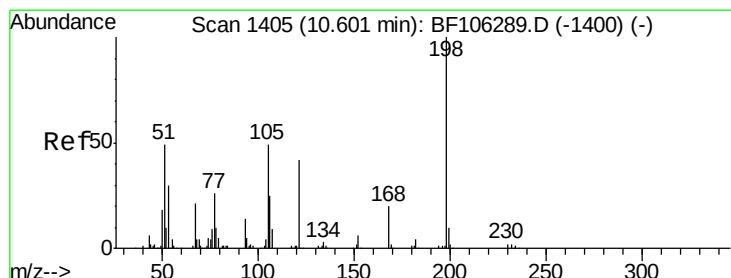
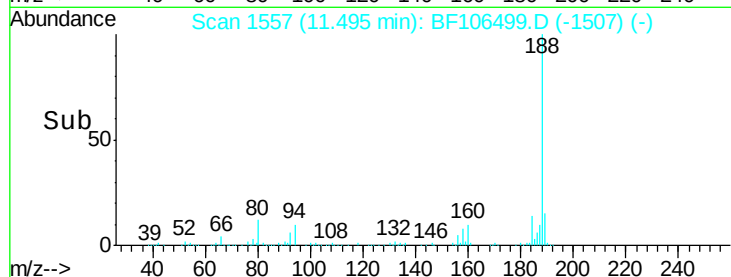
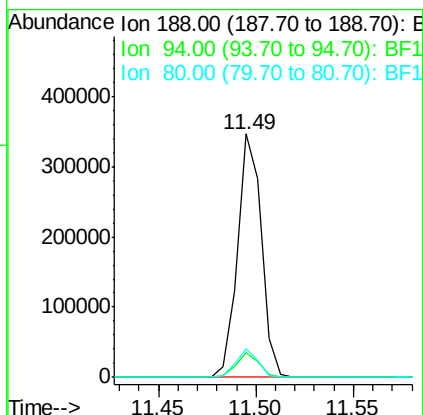
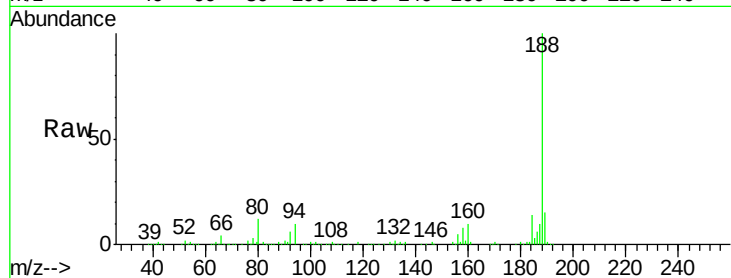




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106499.D
Acq: 15 Jun 2018 18:33

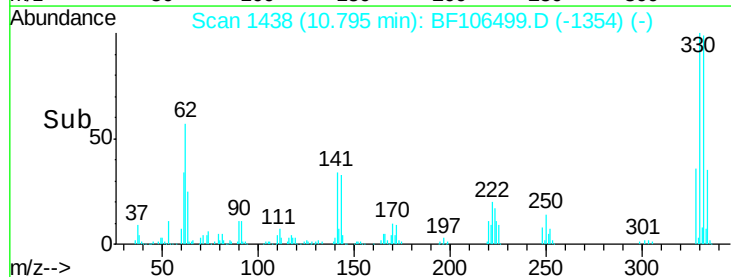
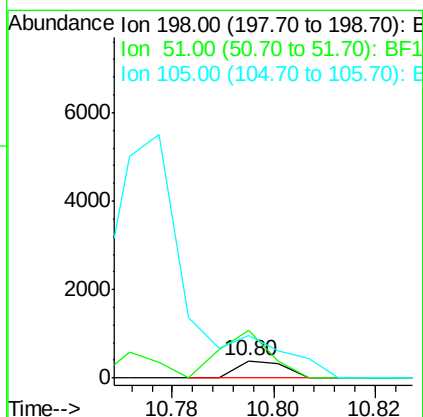
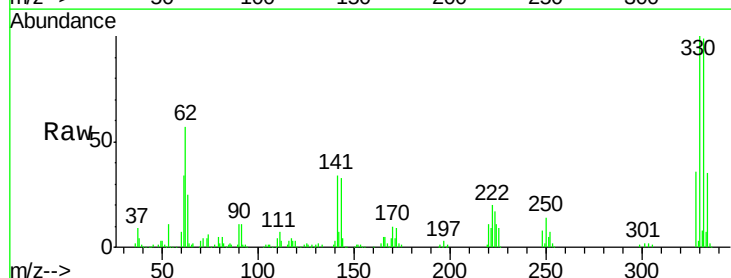
Instrument :
BNA_F
ClientSampleId :
SB-51COMP

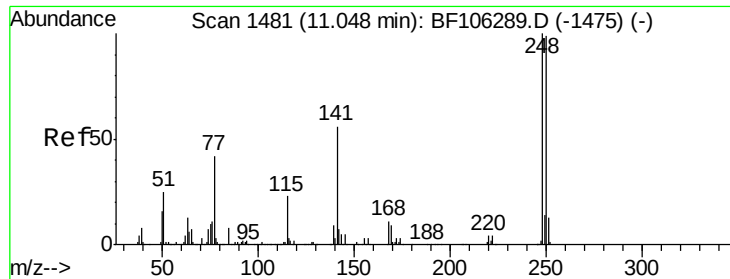
Tgt Ion:188 Resp: 293343
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.433 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF106499.D
Acq: 15 Jun 2018 18:33

Tgt Ion:198 Resp: 251
Ion Ratio Lower Upper
198 100
51 276.9 37.7 77.7#
105 250.8 36.3 76.3#

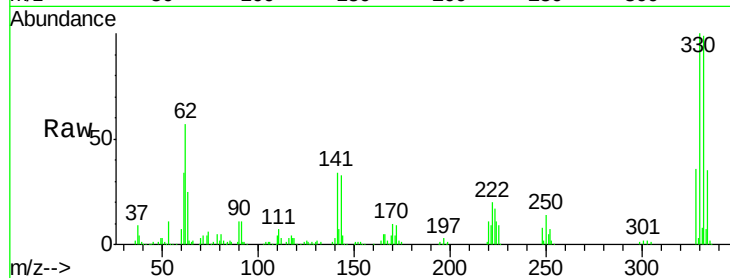




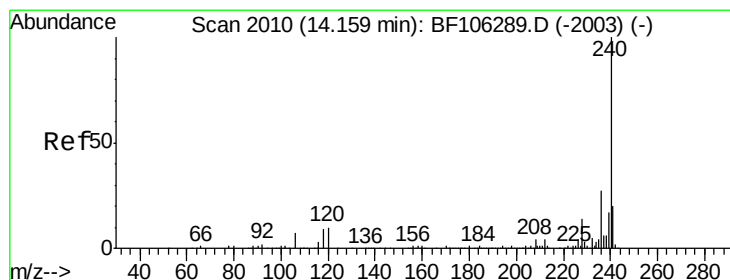
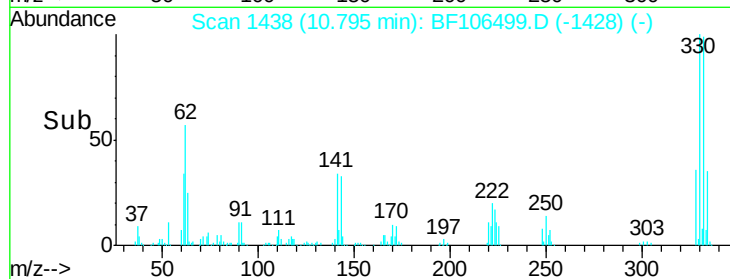
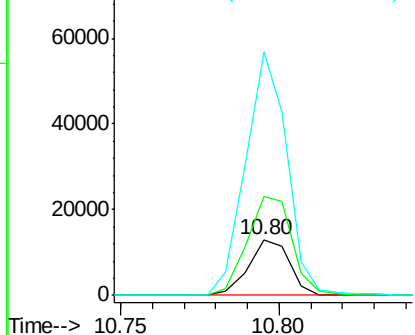
#66
 4-Bromophenyl-phenylether
 Concen: 3.491 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF106499.D
 Acq: 15 Jun 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-51COMP

Tgt Ion: 248 Resp: 11649
 Ion Ratio Lower Upper
 248 100
 250 178.4 76.9 115.3#
 141 436.8 74.4 111.6#

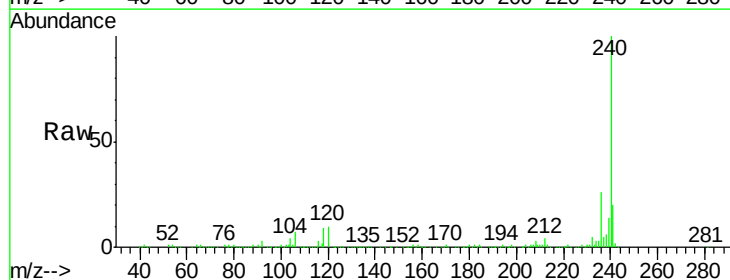


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

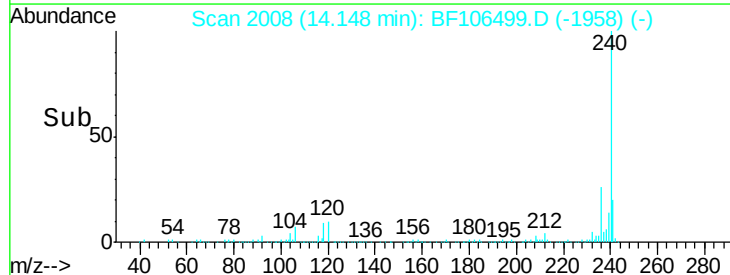
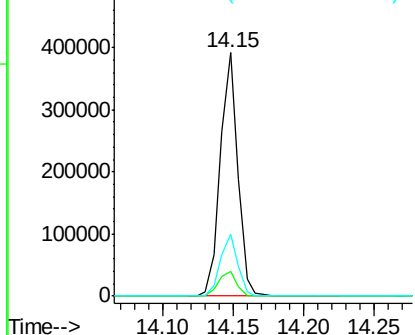


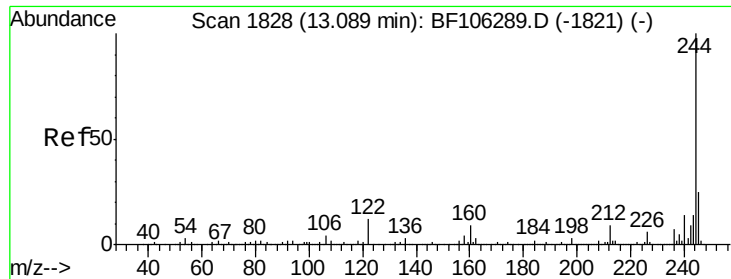
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF106499.D
 Acq: 15 Jun 2018 18:33

Tgt Ion: 240 Resp: 337346
 Ion Ratio Lower Upper
 240 100
 120 10.2 9.5 14.3
 236 25.6 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

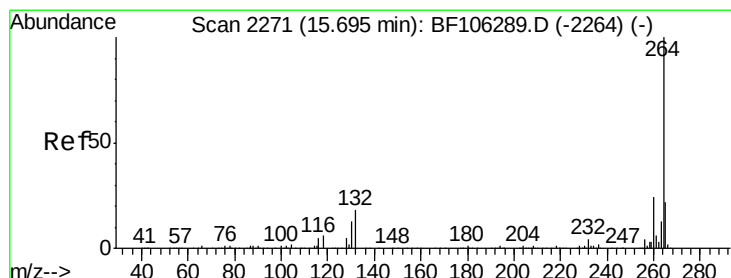
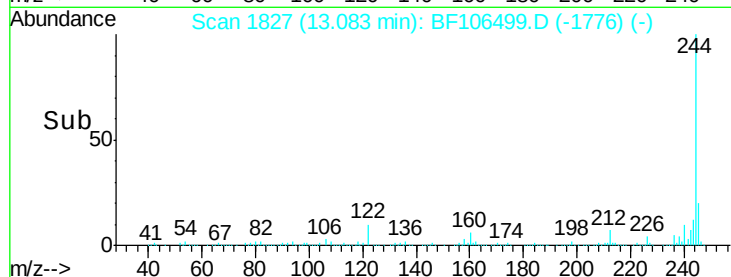
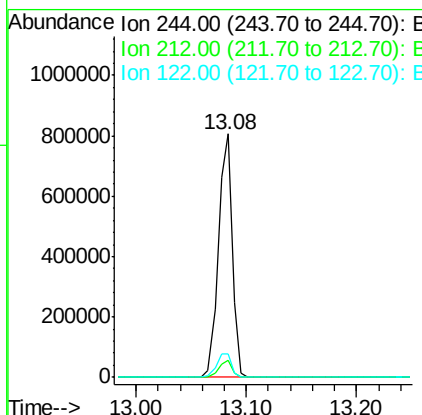
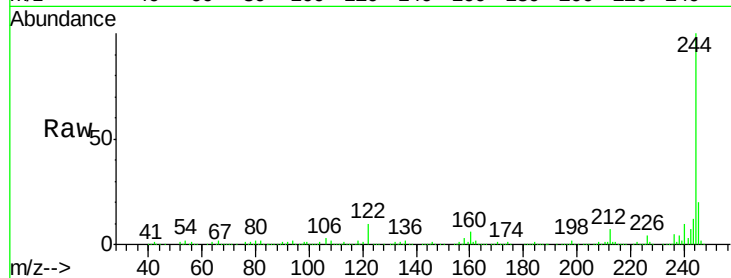




#78
 Terphenyl-d14
 Concen: 51.703 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106499.D
 Acq: 15 Jun 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-51COMP

Tgt Ion:244 Resp: 702233
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 9.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF106499.D
 Acq: 15 Jun 2018 18:33

Tgt Ion:264 Resp: 299372
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.8 17.5 26.3

