

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106543.D
 Acq On : 18 Jun 2018 17:21
 Operator : JU/SJ
 Sample : J3505-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-55-COMP

Quant Time: Jun 19 01:08:02 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

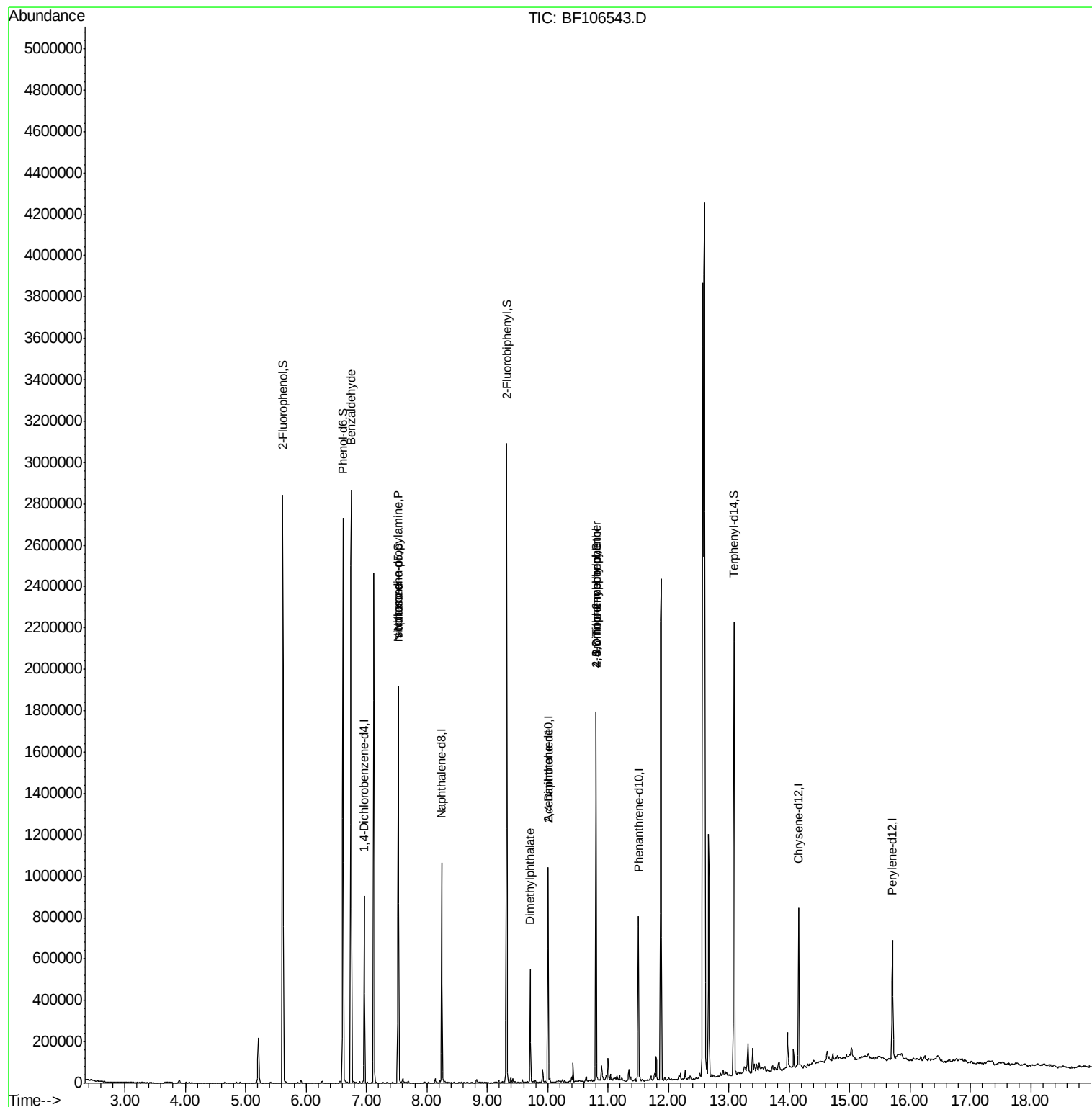
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	115314	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	420594	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	184135	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	295365	20.00	ng	0.00
75) Chrysene-d12	14.15	240	275573	20.00	ng	0.00
86) Perylene-d12	15.71	264	286121	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	796586	116.92	ng	0.00
7) Phenol-d6	6.61	99	976021	113.39	ng	0.00
23) Nitrobenzene-d5	7.53	82	667099	93.31	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	230711	130.22	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	999140	102.76	ng	0.00
78) Terphenyl-d14	13.09	244	803646	72.43	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	18606	2.850	ng	87
19) n-Nitroso-di-n-propylamine	7.53	70	90079	13.949	ng	# 73
25) Isophorone	7.53	82	667085	47.770	ng	# 64
49) Dimethylphthalate	9.71	163	186113	14.147	ng	100
56) 2,4-Dinitrotoluene	10.01	165	23931	7.092	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	408	6.517	ng	# 3
66) 4-Bromophenyl-phenylether	10.80	248	14898	4.435	ng	# 1

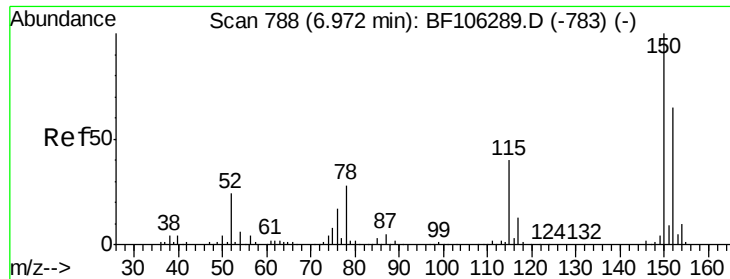
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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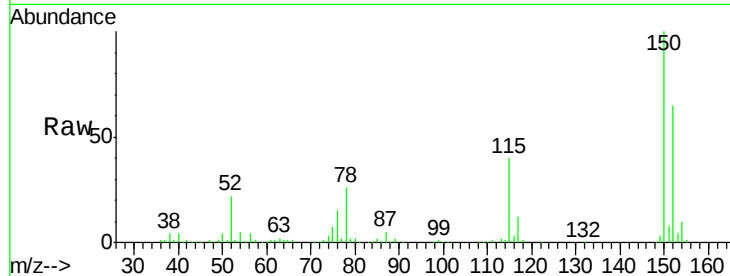


#1

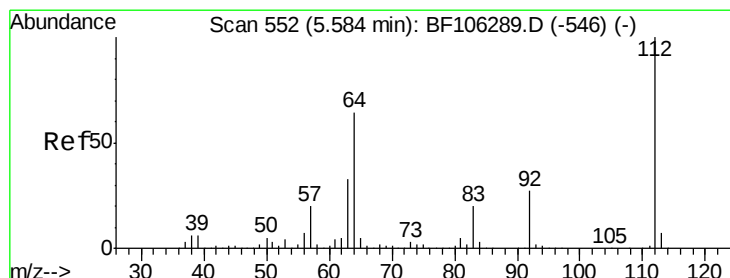
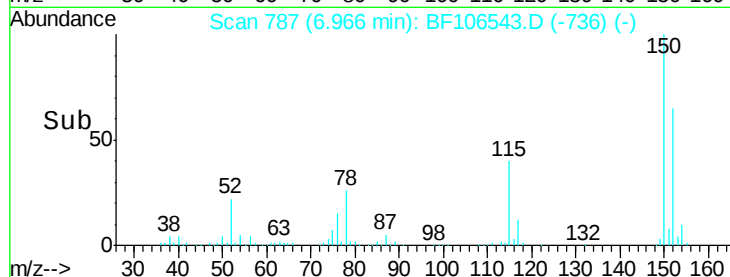
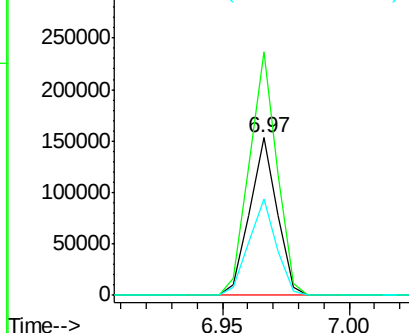
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106543.D
Acq: 18 Jun 2018 17:21

Instrument :
BNA_F
ClientSampleId :
SB-55-COMP

Tgt Ion:152 Resp: 115314
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 61.6 50.1 75.1



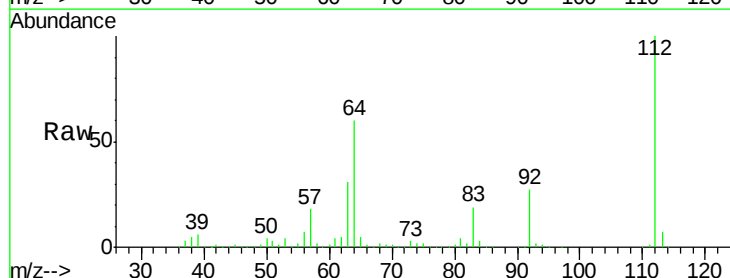
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



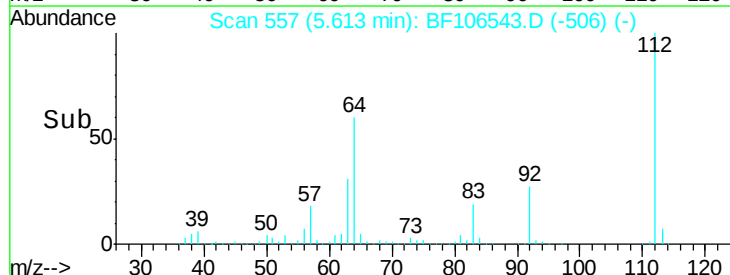
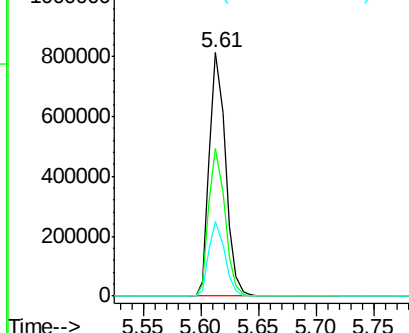
#5

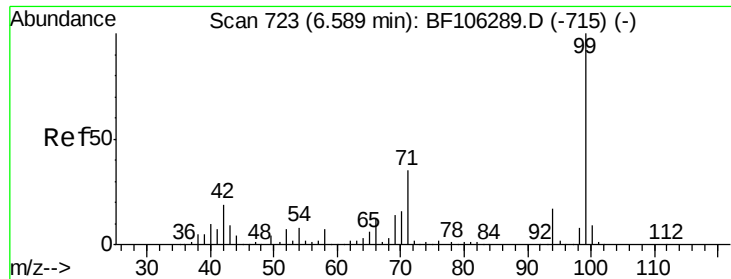
2-Fluorophenol
Concen: 116.917 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106543.D
Acq: 18 Jun 2018 17:21

Tgt Ion:112 Resp: 796586
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 30.6 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: 113.387 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106543.D

Acq: 18 Jun 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SB-55-COMP

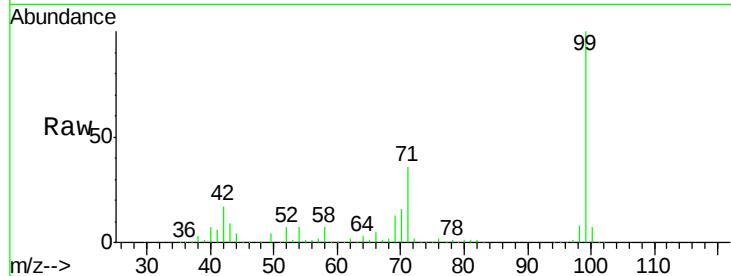
Tgt Ion: 99 Resp: 976021

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

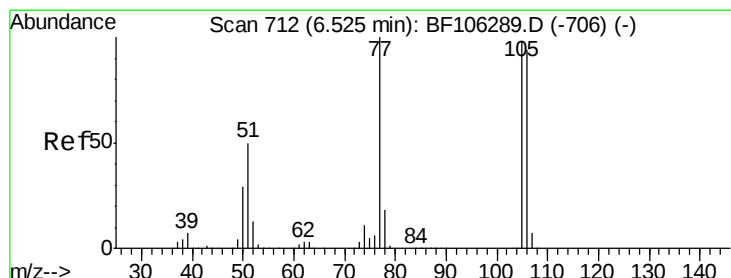
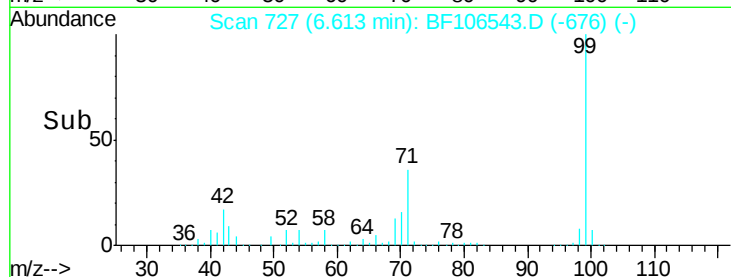
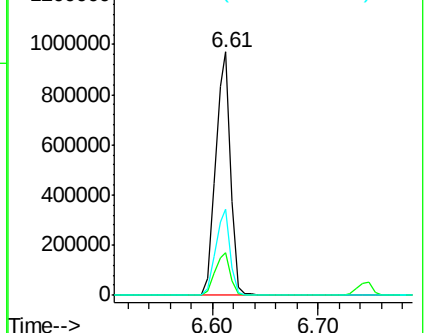
71 35.6 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.850 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106543.D

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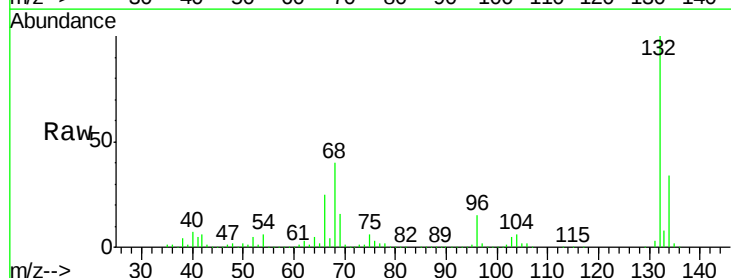
Tgt Ion: 77 Resp: 18606

Ion Ratio Lower Upper

77 100

105 87.0 81.1 121.1

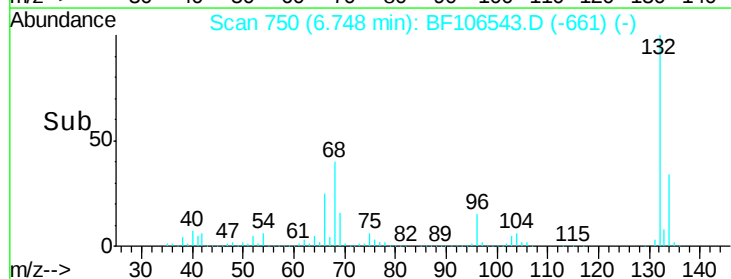
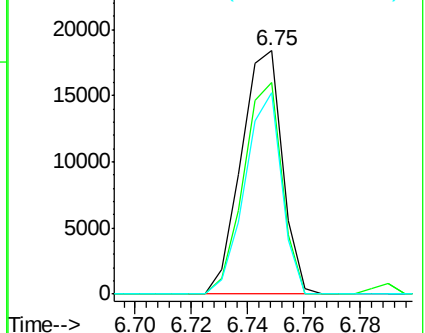
106 82.7 74.5 114.5

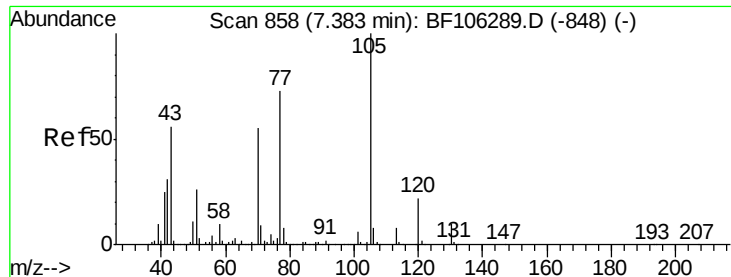


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

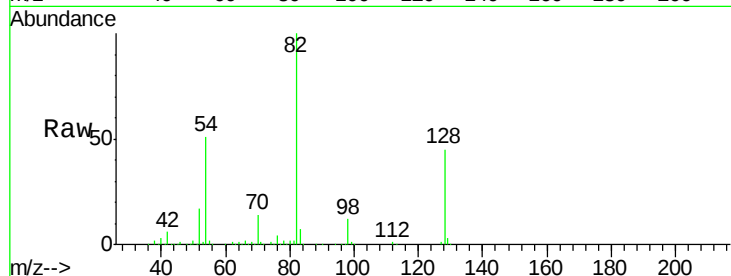




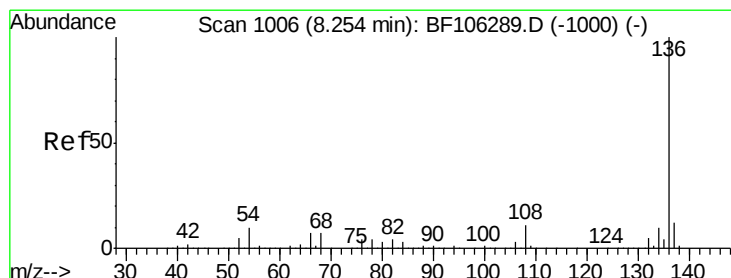
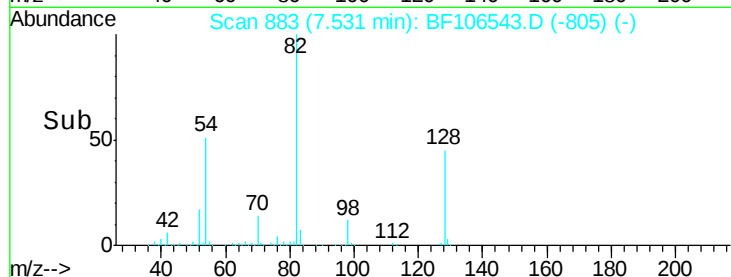
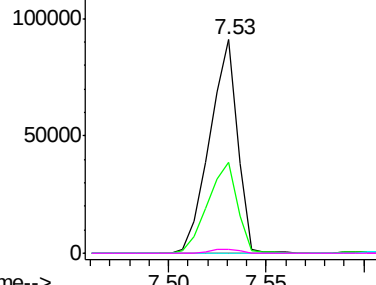
#19
n-Nitroso-di-n-propylamine
Concen: 13.949 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106543.D
Acq: 18 Jun 2018 17:21

Instrument :
BNA_F
ClientSampleId :
SB-55-COMP

Tgt Ion: 70 Resp: 90079
Ion Ratio Lower Upper
70 100
42 42.7 47.5 71.3#
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#

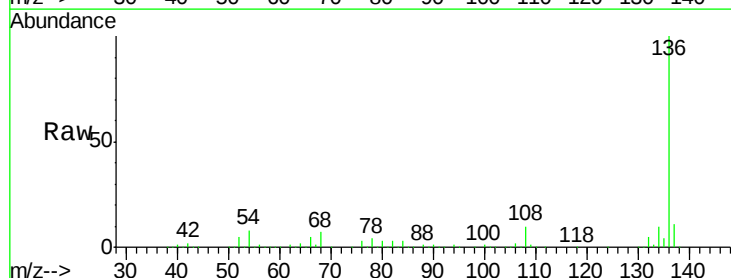


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

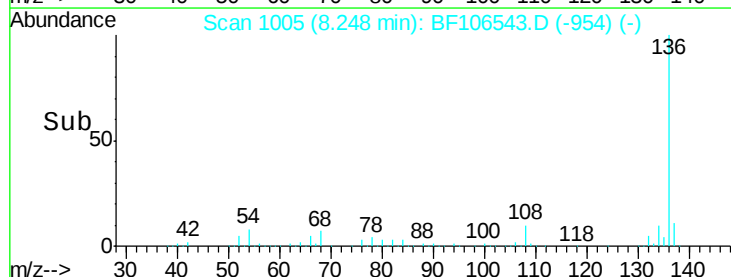
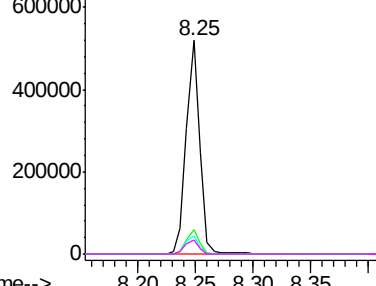


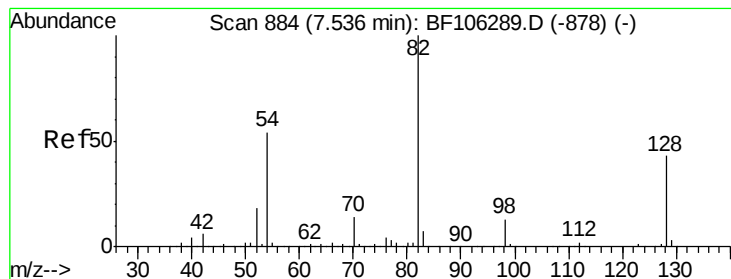
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106543.D
Acq: 18 Jun 2018 17:21

Tgt Ion: 136 Resp: 420594
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.3 6.6 9.8
68 6.7 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: 93.307 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF106543.D

Acq: 18 Jun 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SB-55-COMP

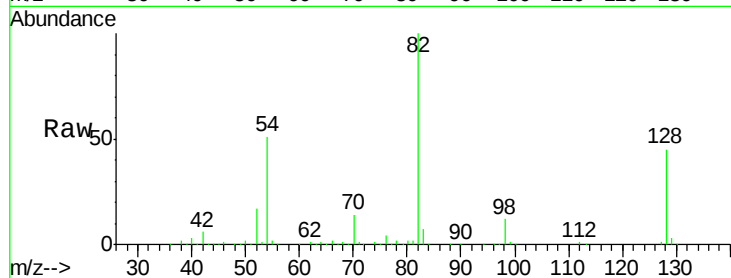
Tgt Ion: 82 Resp: 667099

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

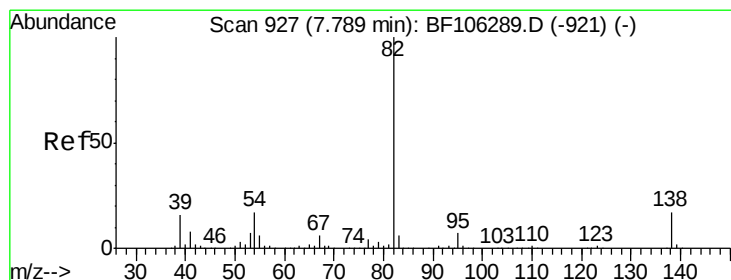
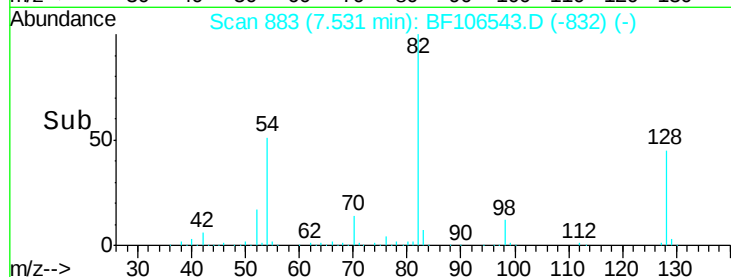
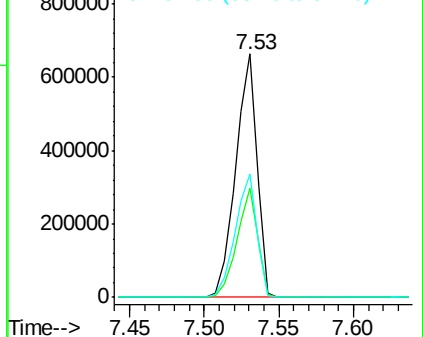
54 50.7 41.4 62.2



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: 47.770 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106543.D

Acq: 18 Jun 2018 17:21

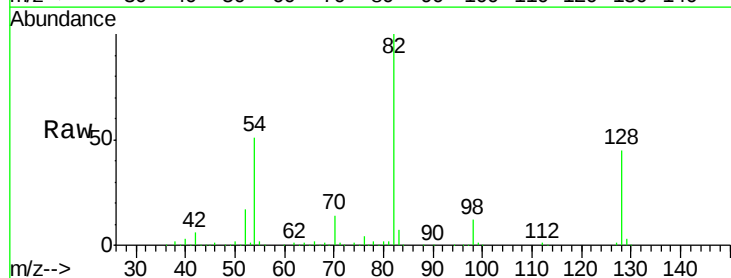
Tgt Ion: 82 Resp: 667085

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

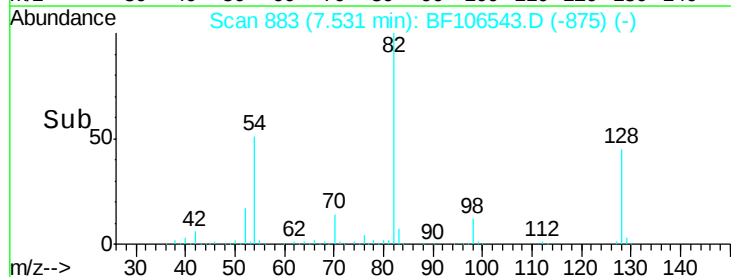
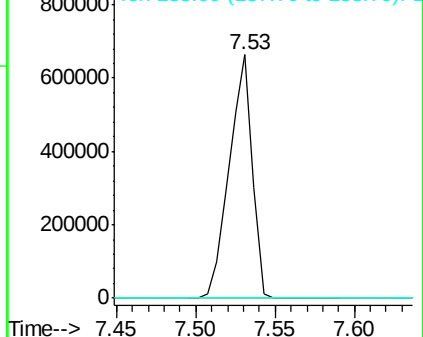
138 0.0 14.9 22.3#

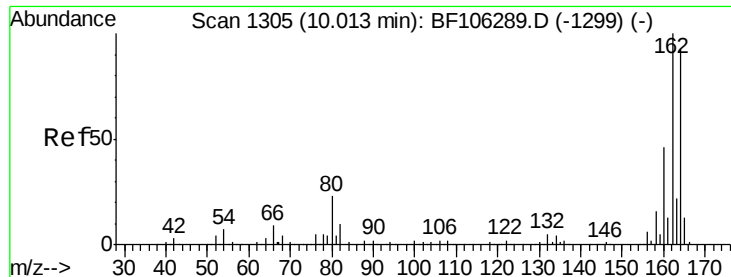


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

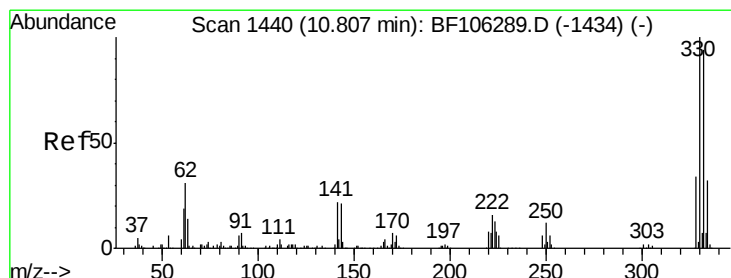
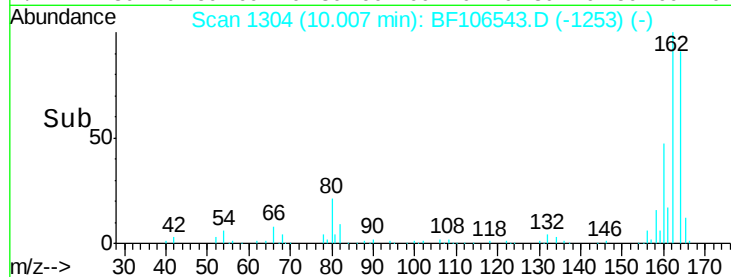
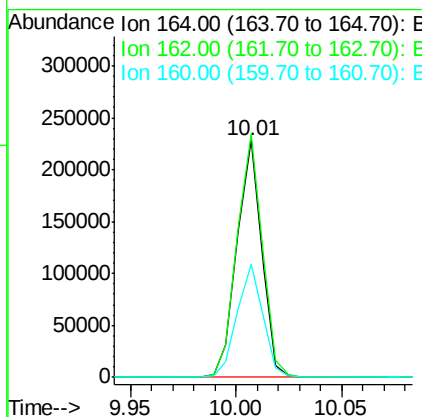
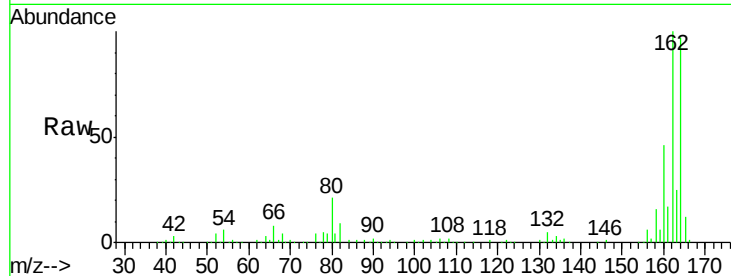




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106543.D
Acq: 18 Jun 2018 17:21

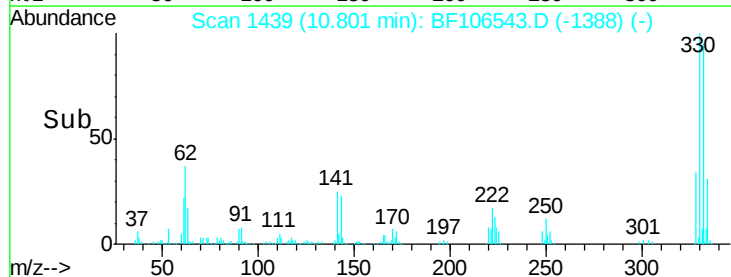
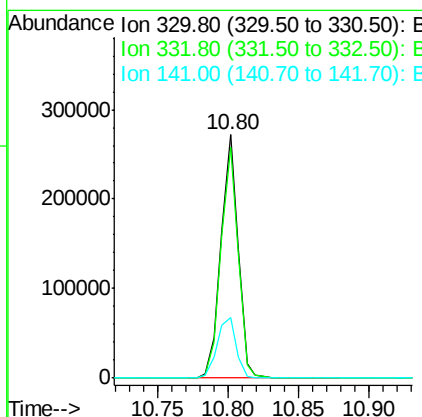
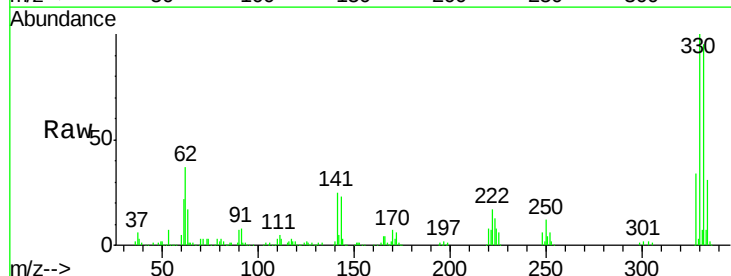
Instrument :
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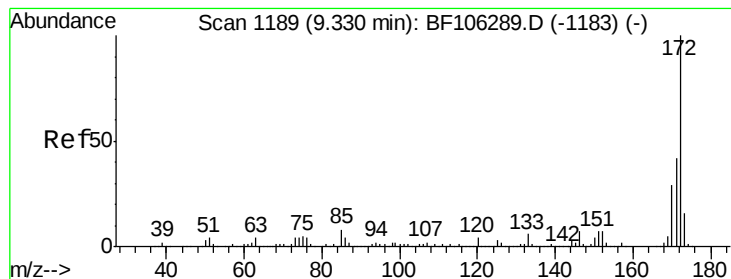
Tgt Ion:164 Resp: 184135
Ion Ratio Lower Upper
164 100
162 102.7 86.1 129.1
160 47.6 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 130.220 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106543.D
Acq: 18 Jun 2018 17:21

Tgt Ion:330 Resp: 230711
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 28.0 29.9 44.9#





#44

2-Fluorobiphenyl

Concen: 102.757 ng

RT: 9.32 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF106543.D

Acq: 18 Jun 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SB-55-COMP

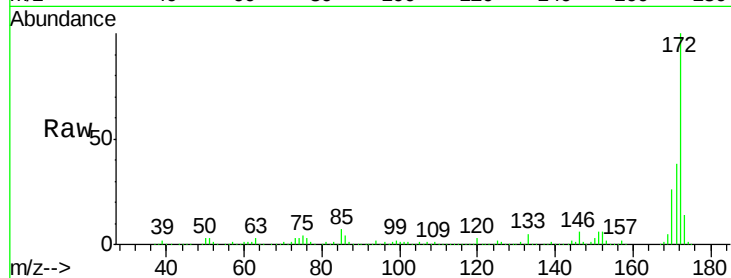
Tgt Ion:172 Resp: 999140

Ion Ratio Lower Upper

172 100

171 38.0 29.7 44.5

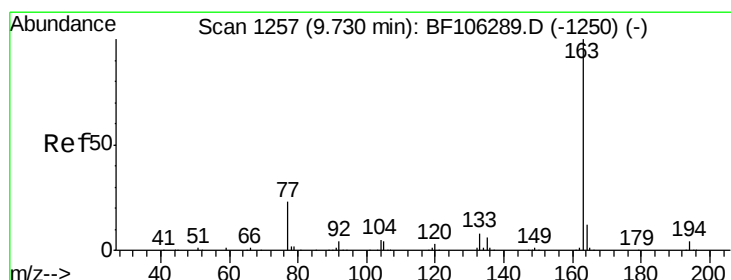
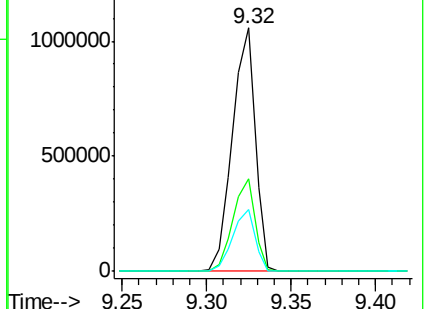
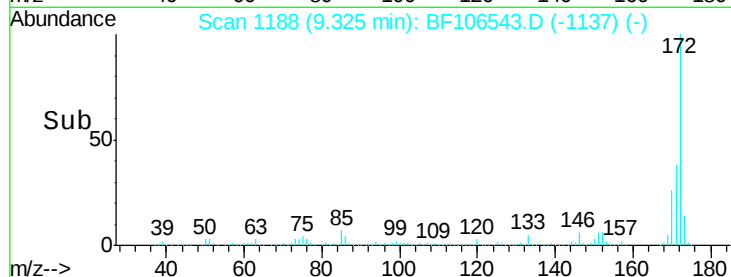
170 25.6 19.6 29.4



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: 14.147 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106543.D

Acq: 18 Jun 2018 17:21

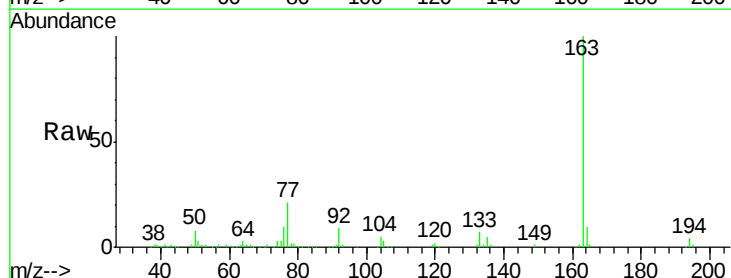
Tgt Ion:163 Resp: 186113

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

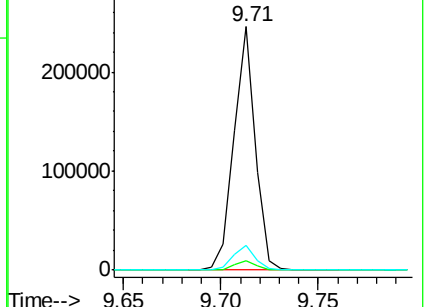
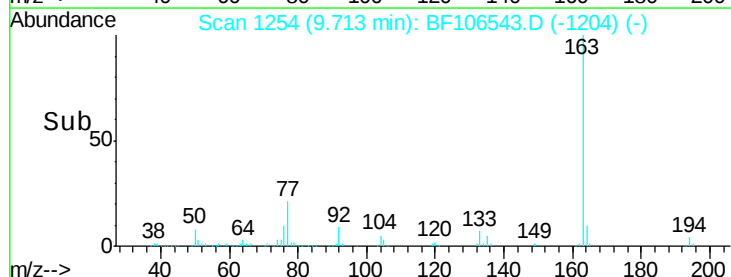
164 10.3 8.2 12.2

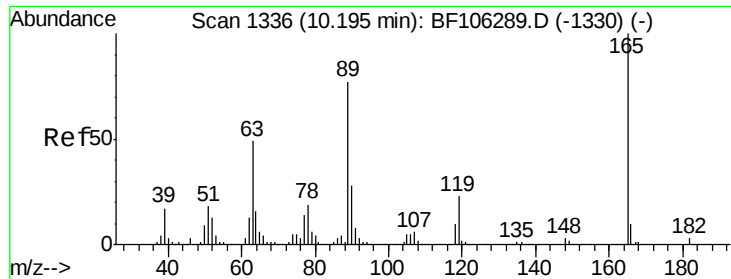


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

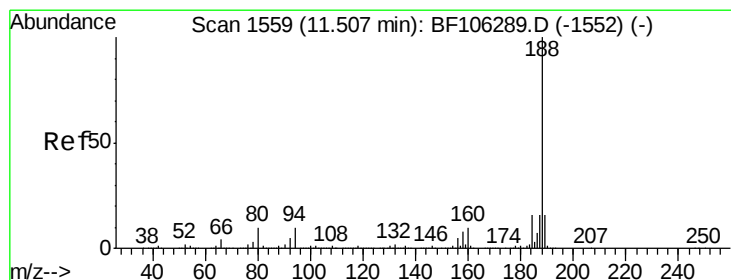
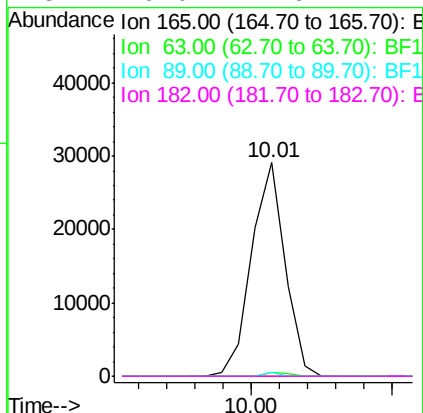
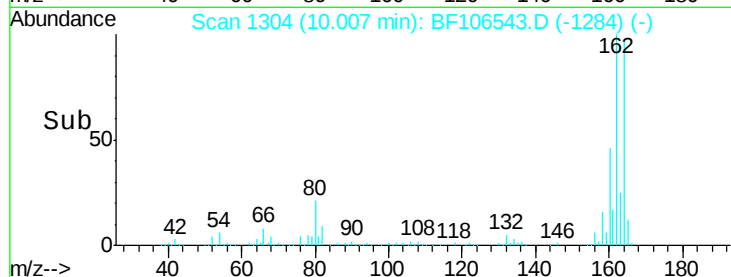
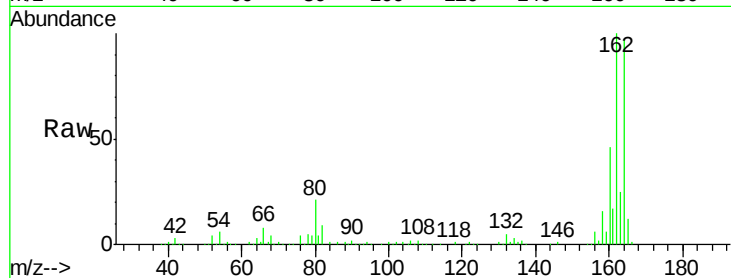




#56
2,4-Dinitrotoluene
Concen: 7.092 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106543.D
Acq: 18 Jun 2018 17:21

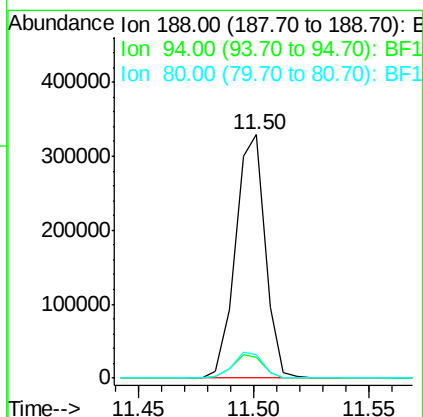
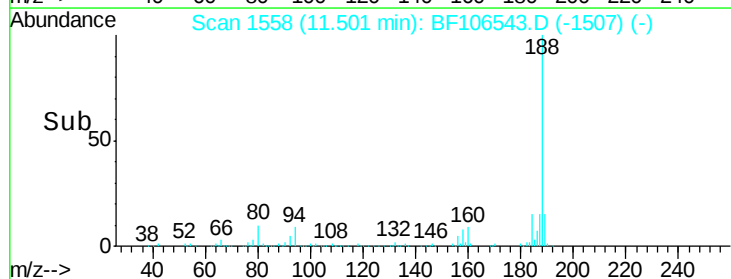
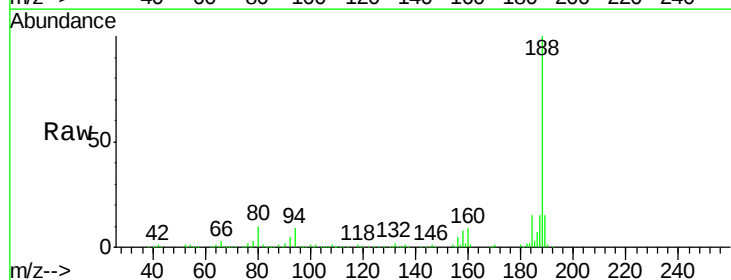
Instrument :
BNA_F
ClientSampleId :
SB-55-COMP

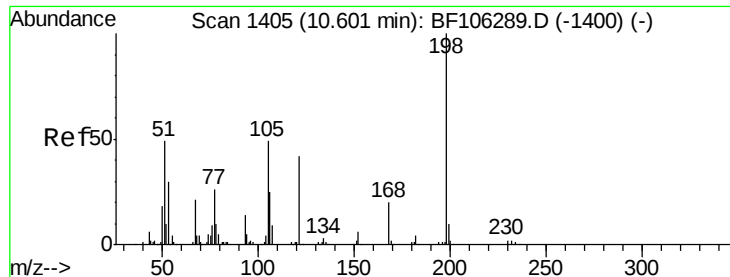
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106543.D
Acq: 18 Jun 2018 17:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.9	9.2	13.8

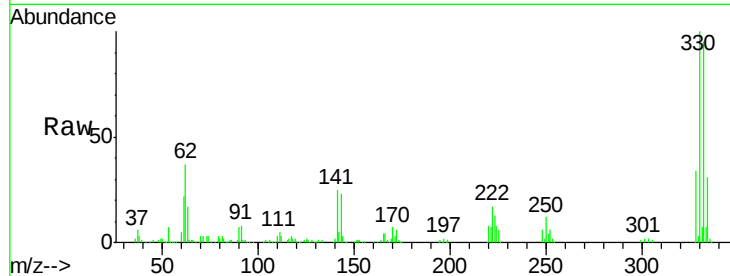




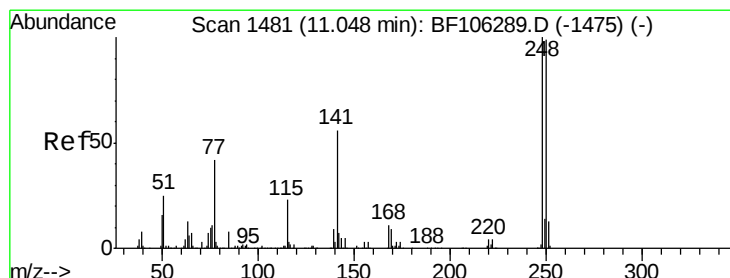
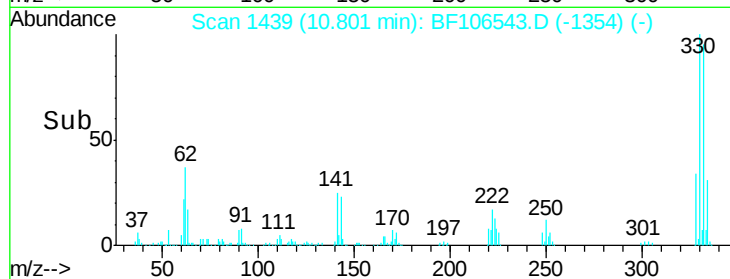
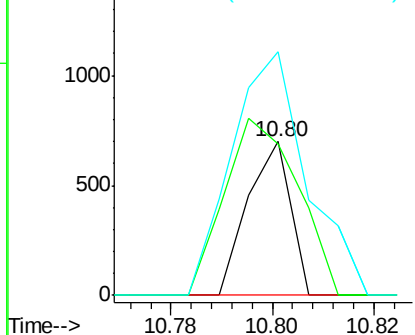
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.517 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF106543.D
 Acq: 18 Jun 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-55-COMP

Tgt Ion:198 Resp: 408
 Ion Ratio Lower Upper
 198 100
 51 98.6 37.7 77.7#
 105 158.3 36.3 76.3#

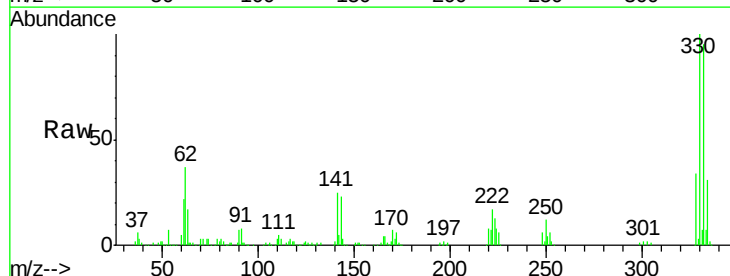


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

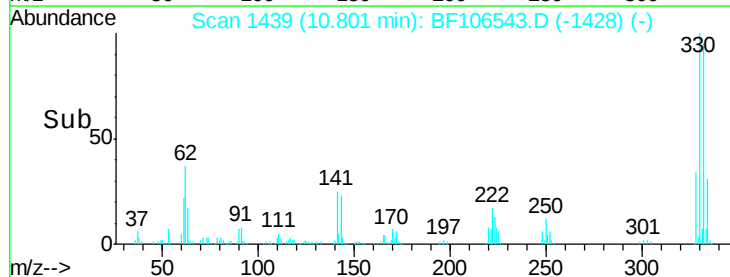
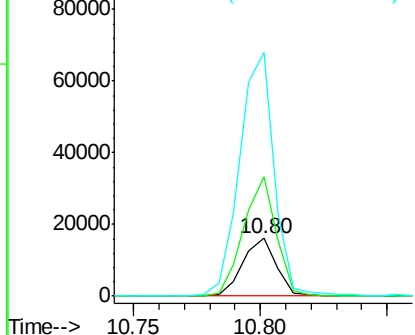


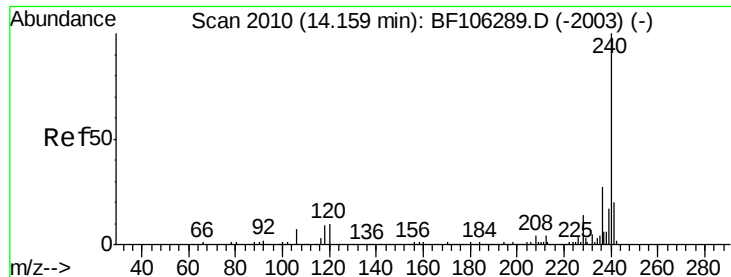
#66
 4-Bromophenyl-phenylether
 Concen: 4.435 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.23 min
 Lab File: BF106543.D
 Acq: 18 Jun 2018 17:21

Tgt Ion:248 Resp: 14898
 Ion Ratio Lower Upper
 248 100
 250 206.6 76.9 115.3#
 141 421.1 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# 2009

Delta R.T. 0.00 min

Lab File: BF106543.D

Acq: 18 Jun 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SB-55-COMP

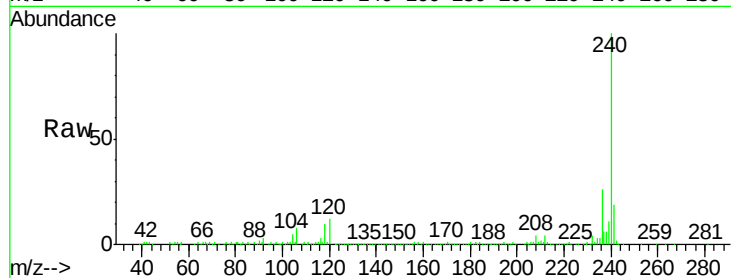
Tgt Ion:240 Resp: 275573

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

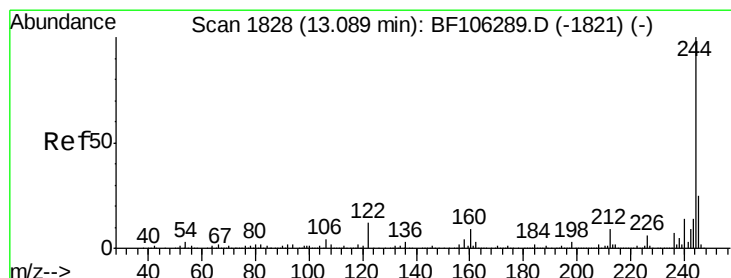
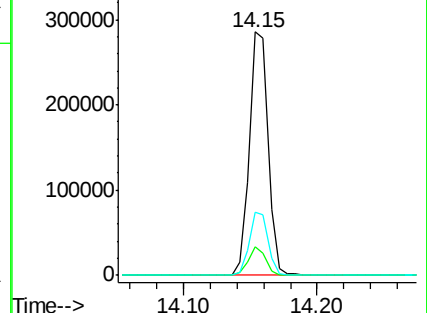
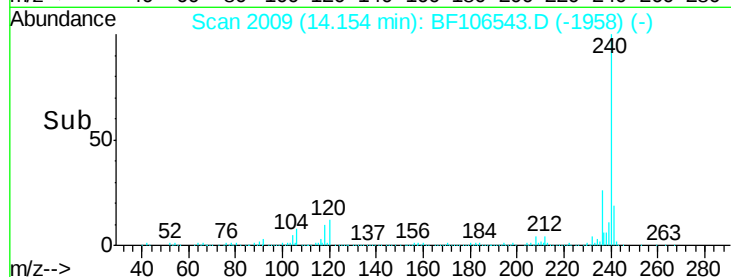
236 25.9 20.7 31.1



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: 72.434 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106543.D

Acq: 18 Jun 2018 17:21

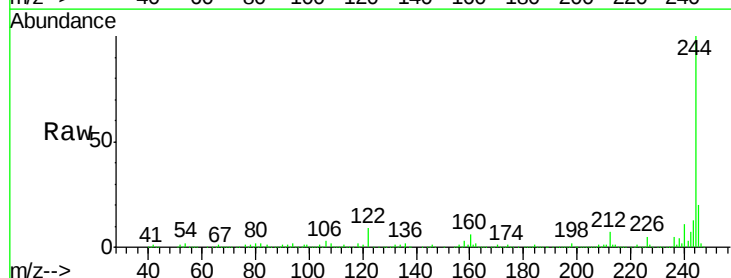
Tgt Ion:244 Resp: 803646

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

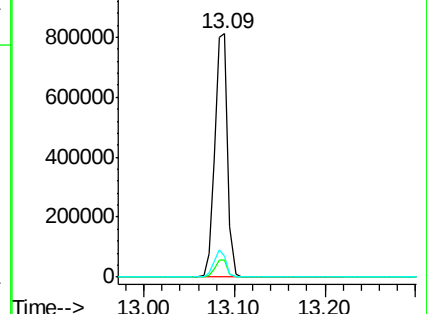
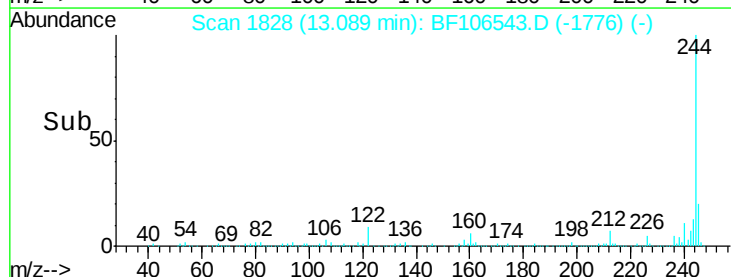
122 8.8 11.0 16.4#

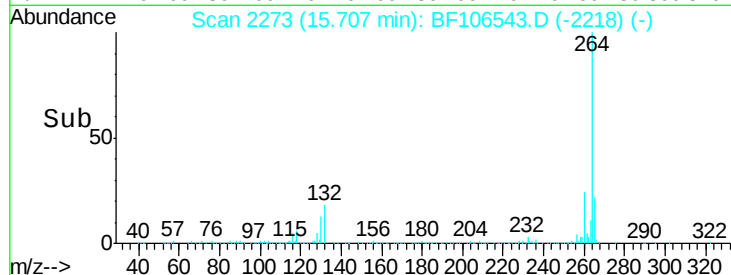
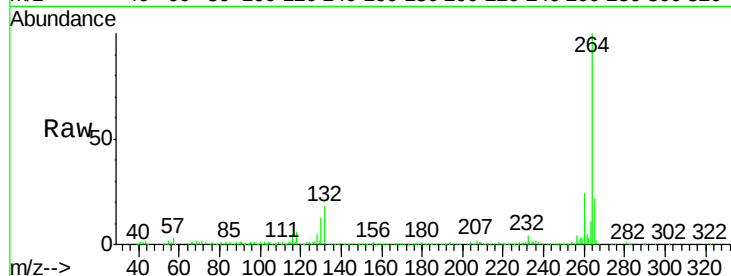
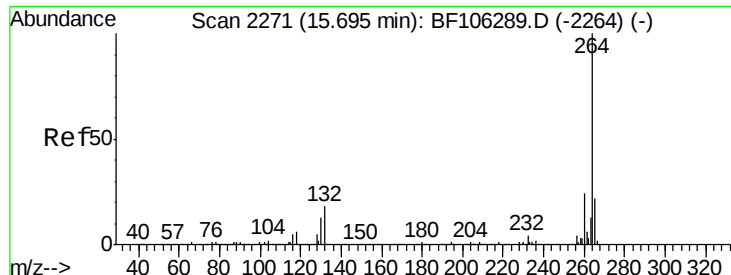


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF106543.D
Acq: 18 Jun 2018 17:21

Instrument :
BNA_F
ClientSampleId :
SB-55-COMP

Tgt Ion:	264	Resp:	286121
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.1	17.5	26.3

