

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106424.D
 Acq On : 14 Jun 2018 6:36
 Operator : JU/SJ
 Sample : J3447-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 08:32:13 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

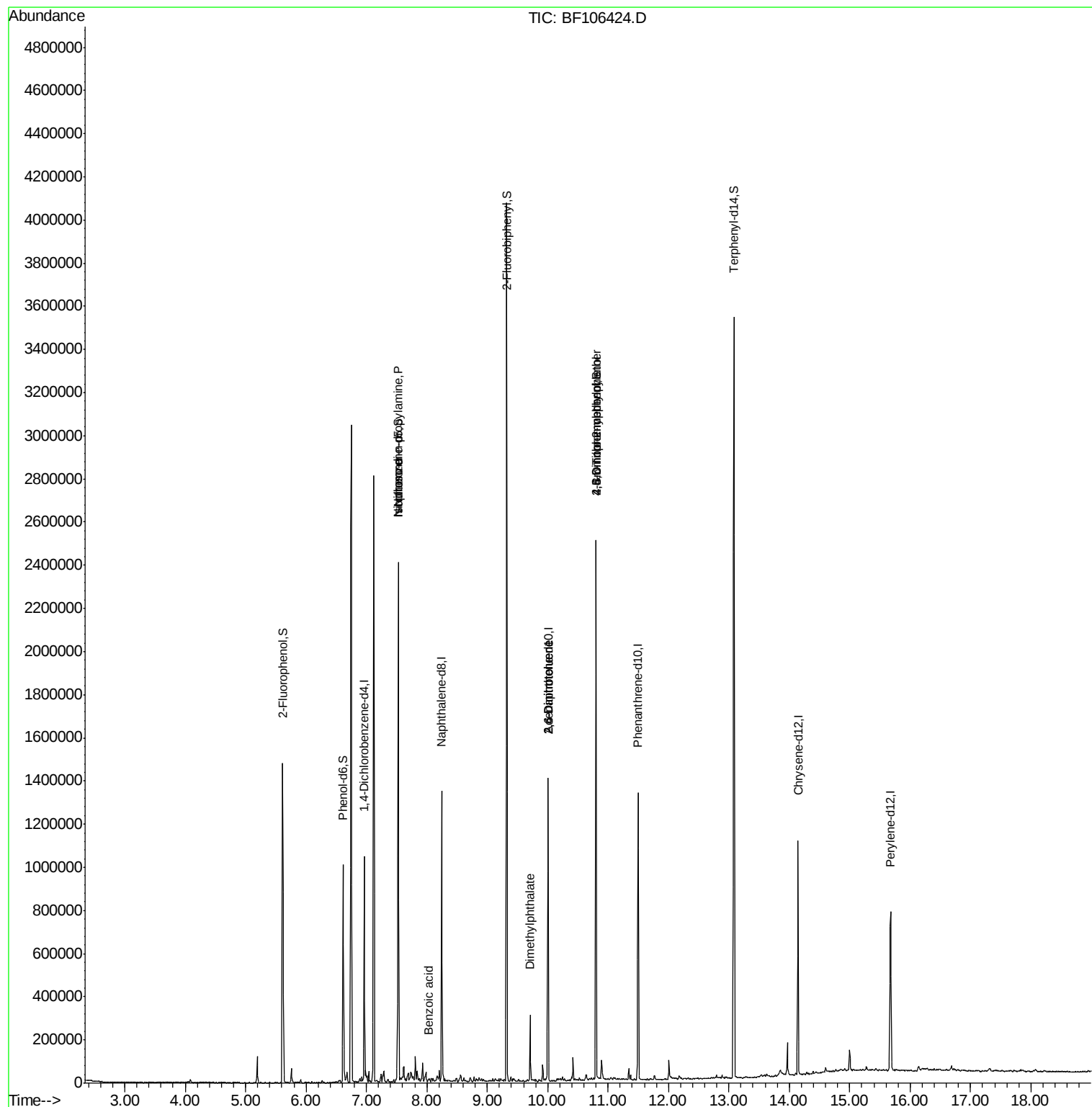
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	136582	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	518037	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	248614	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	466031	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	350904	20.00	ng	-0.02
86) Perylene-d12	15.68	264	347613	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	483619	59.93	ng	-0.01
7) Phenol-d6	6.61	99	382410	37.51	ng	-0.01
23) Nitrobenzene-d5	7.53	82	804609	91.37	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	336865	140.82	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1284615	95.27	ng	0.00
78) Terphenyl-d14	13.08	244	1262770	89.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	111595	14.589	ng	# 74
25) Isophorone	7.53	82	802092	46.633	ng	# 64
32) Benzoic acid	8.02	122	183	7.318	ng	# 1
49) Dimethylphthalate	9.71	163	106903	6.019	ng	# 98
50) 2,6-Dinitrotoluene	10.01	165	32012	8.823	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	32012	7.026	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	679	6.529	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	21688	4.092	ng	# 1

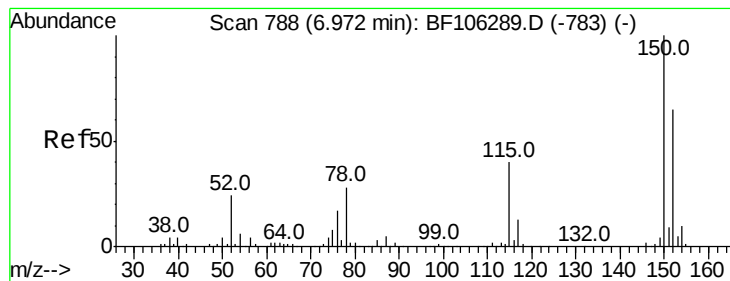
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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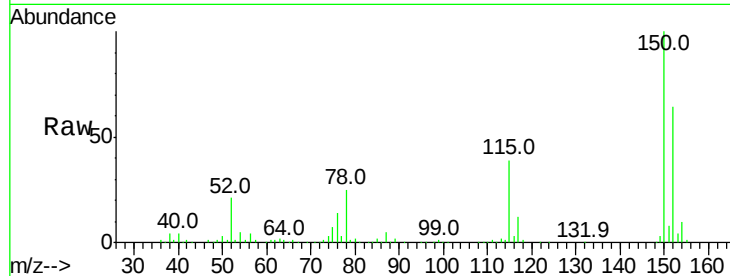


#1

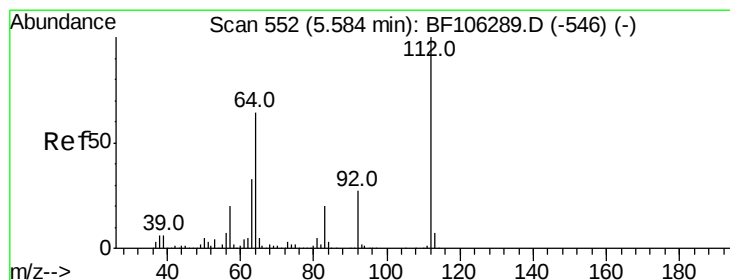
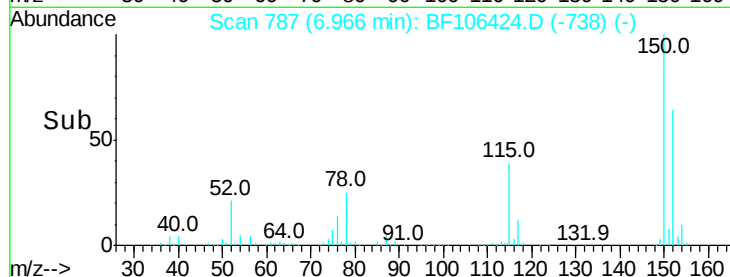
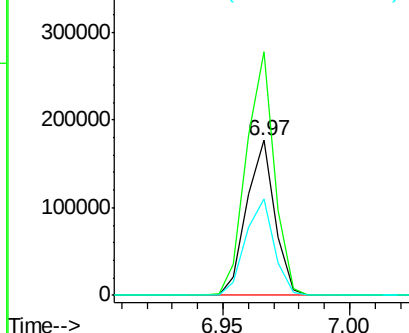
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106424.D
Acq: 14 Jun 2018 6:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136582
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 62.0 50.1 75.1



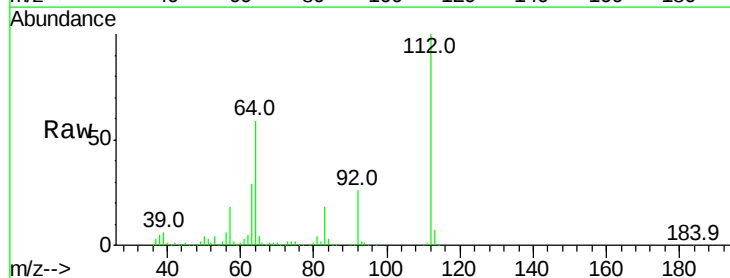
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



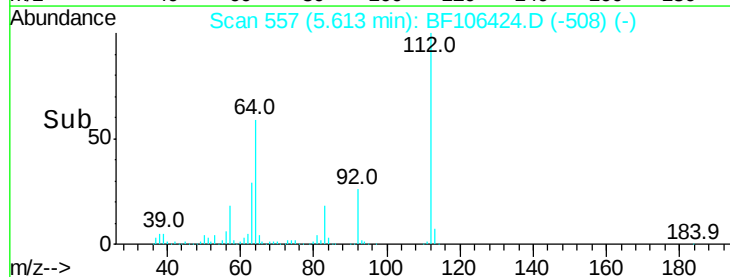
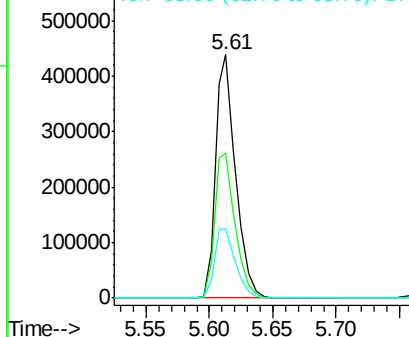
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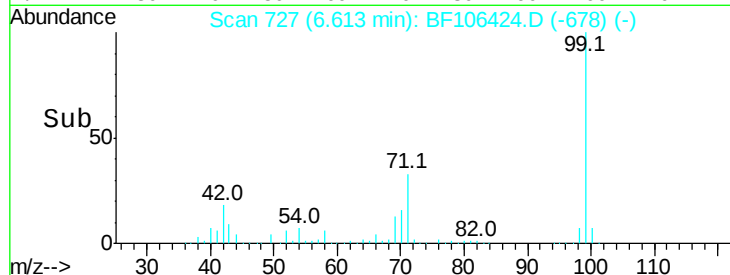
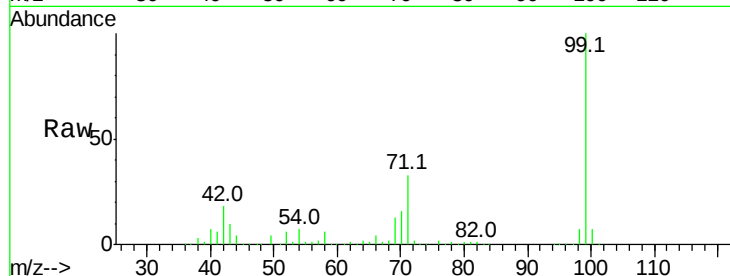
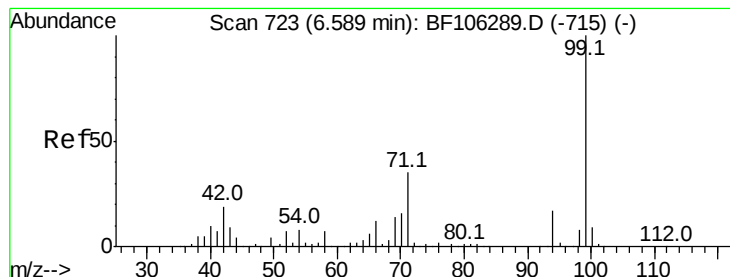
2-Fluorophenol
Concen: 59.929 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106424.D
Acq: 14 Jun 2018 6:36

Tgt Ion:112 Resp: 483619
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 28.6 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: 37.508 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106424.D

Acq: 14 Jun 2018 6:36

Instrument :

BNA_F

ClientSampled :

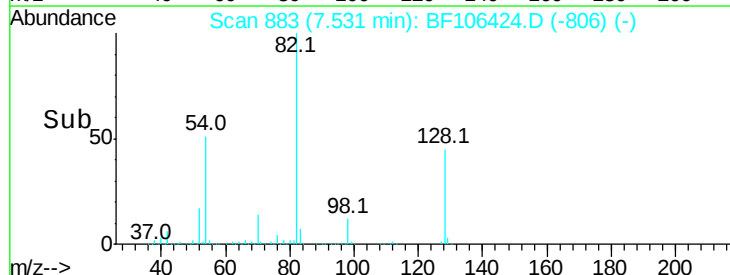
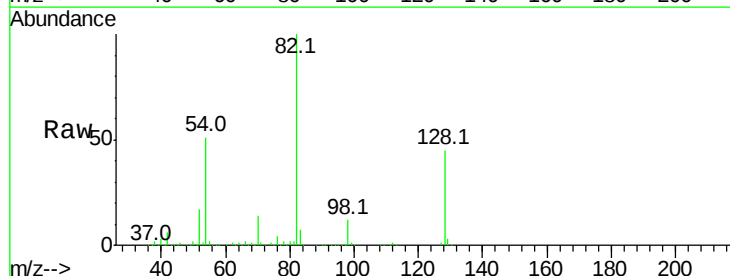
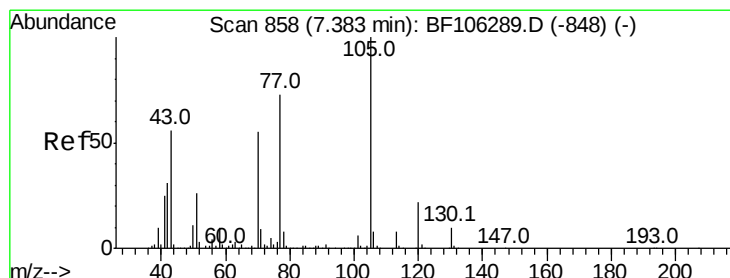
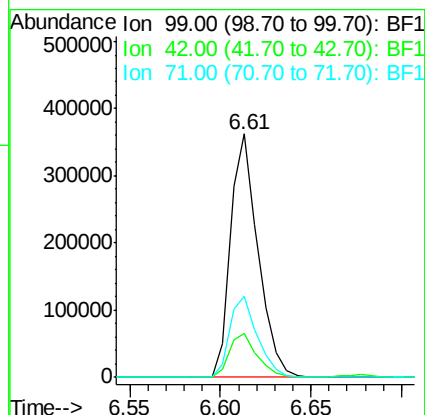
Tot Ion: 99 Resp: 382410

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

71 33.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.589 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106424.D

Acq: 14 Jun 2018 6:36

Tgt Ion: 70 Resp: 111595

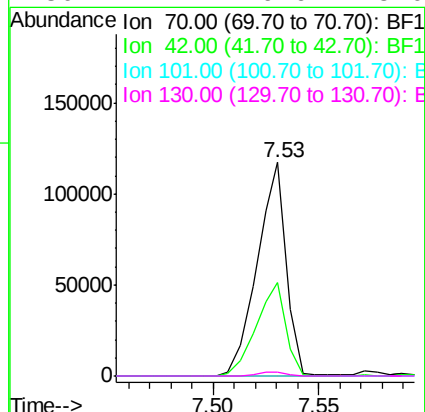
Ion Ratio Lower Upper

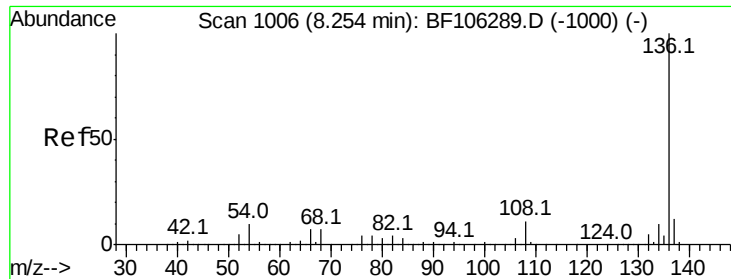
70 100

42 43.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

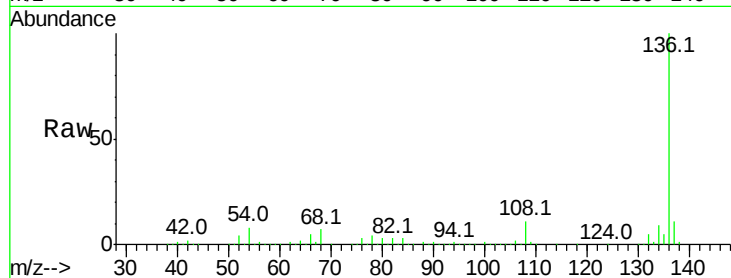




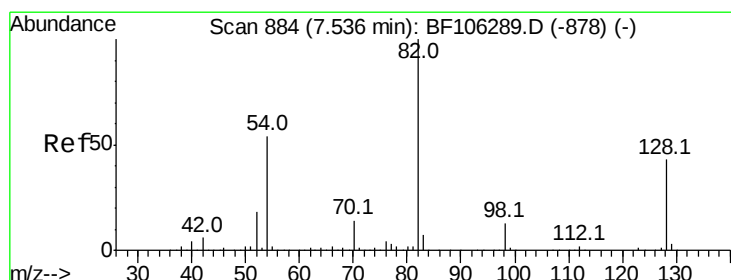
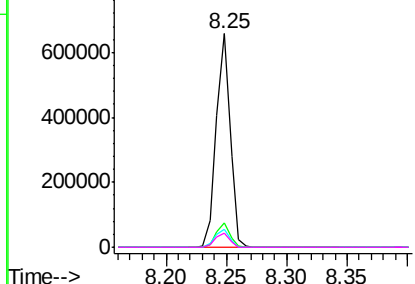
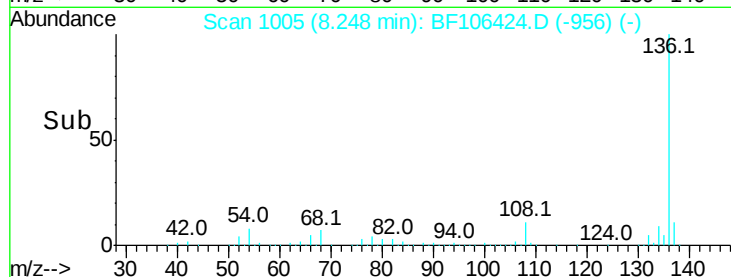
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106424.D
Acq: 14 Jun 2018 6:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 518037
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 8.4	6.6 9.8
68 6.9	5.0 7.4

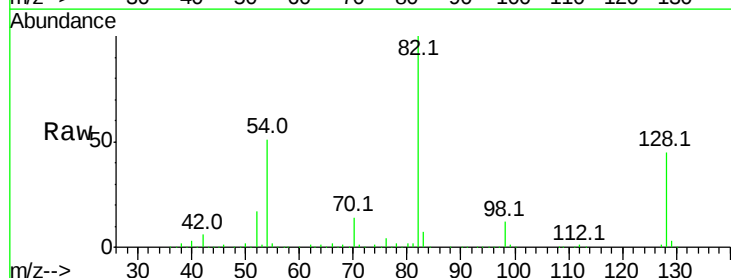


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

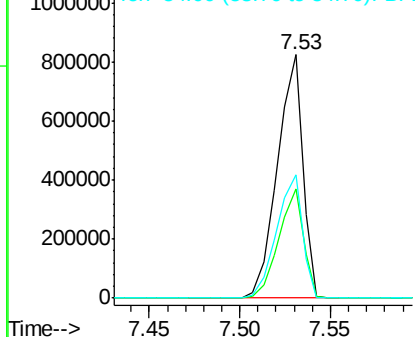
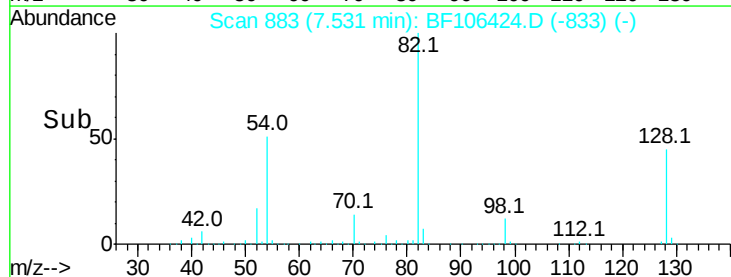


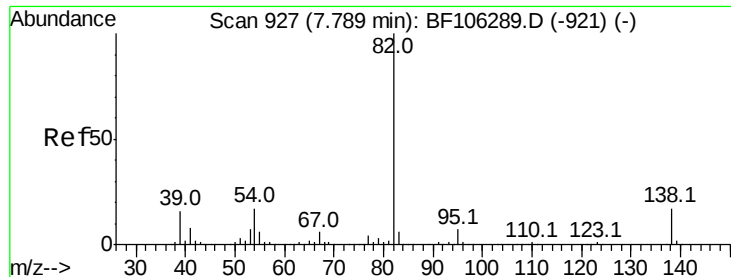
#23
Nitrobenzene-d5
Concen: 91.372 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106424.D
Acq: 14 Jun 2018 6:36

Tgt Ion: 82	Resp: 804609
Ion Ratio	Lower Upper
82 100	
128 45.0	36.1 54.1
54 50.8	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: 46.633 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106424.D

Acq: 14 Jun 2018 6:36

Instrument :

BNA_F

ClientSampleId :

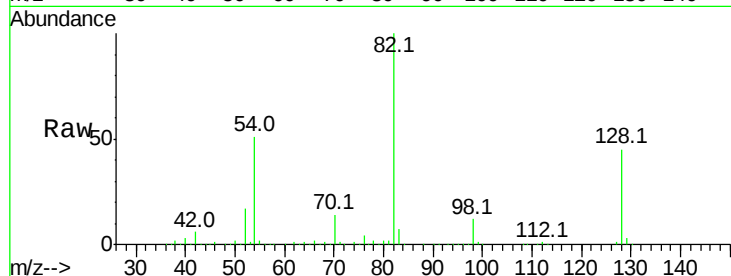
Tot Ion: 82 Resp: 802092

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

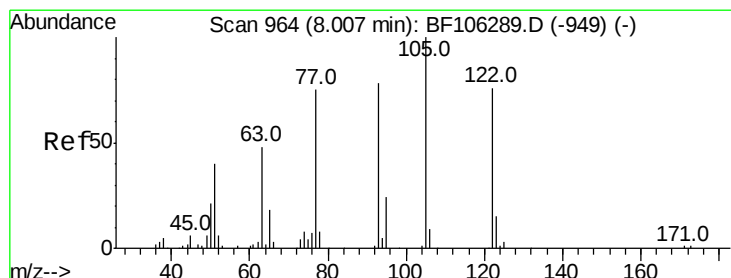
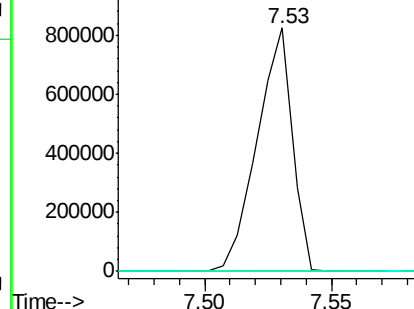
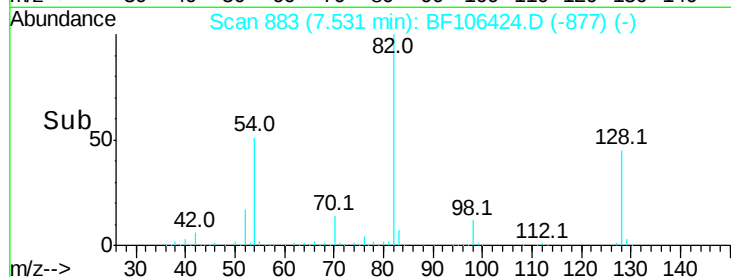
138 0.0 14.9 22.3#



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: 7.318 ng

RT: 8.02 min Scan# 967

Delta R.T. 0.02 min

Lab File: BF106424.D

Acq: 14 Jun 2018 6:36

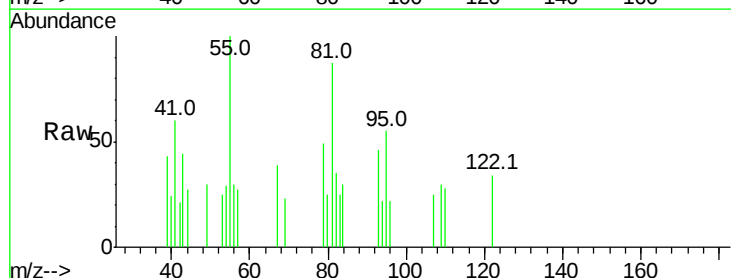
Tgt Ion: 122 Resp: 183

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

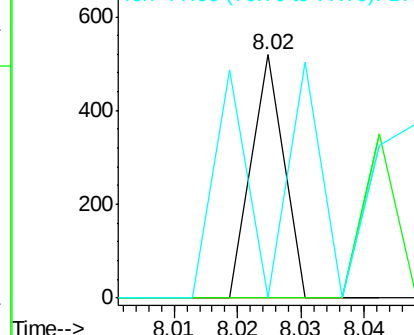
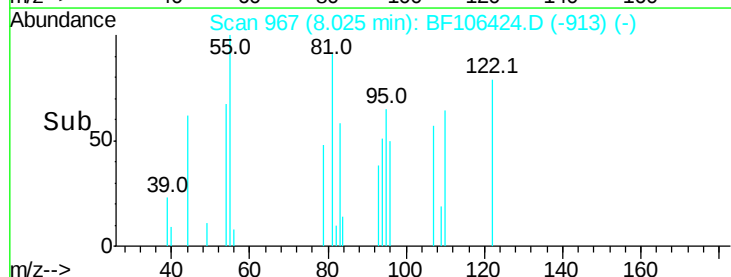
77 0.0 70.7 110.7#

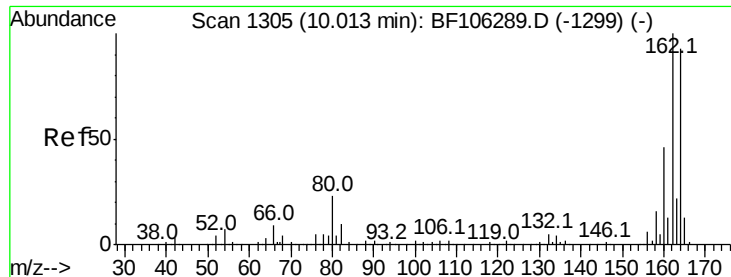


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

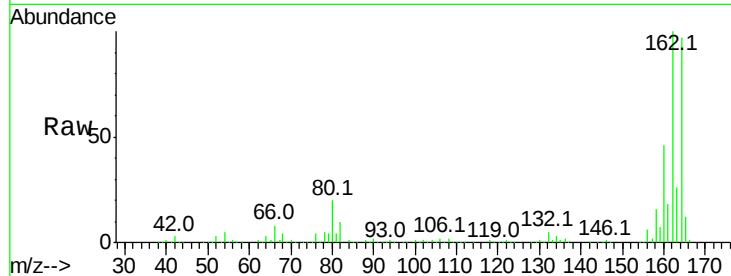




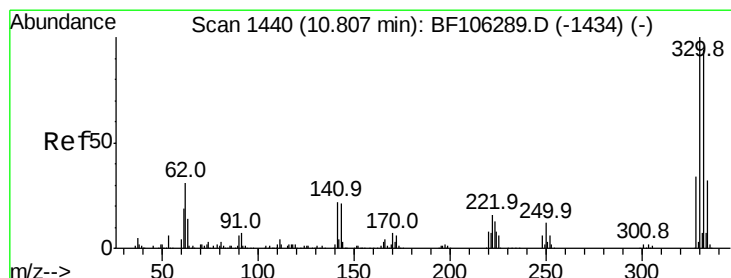
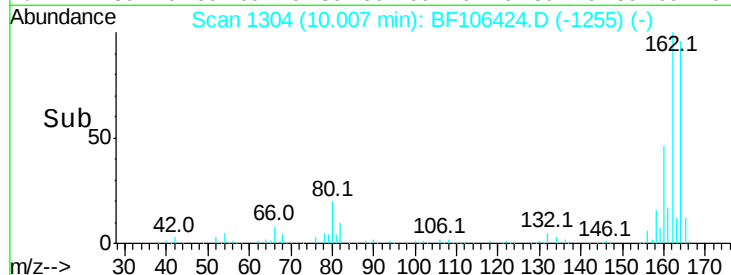
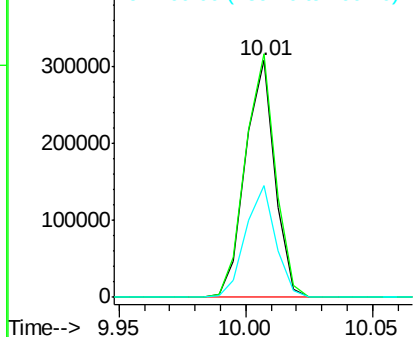
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106424.D
Acq: 14 Jun 2018 6:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 248614
Ion Ratio Lower Upper
164 100
162 102.7 86.1 129.1
160 47.3 38.3 57.5

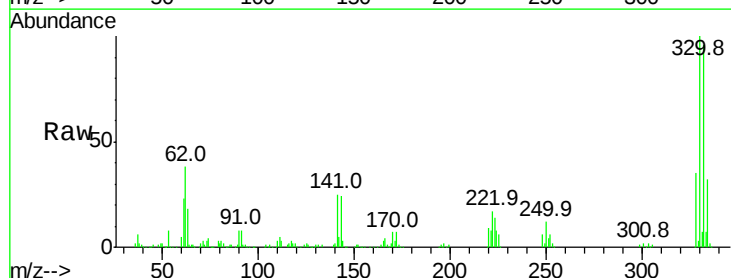


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

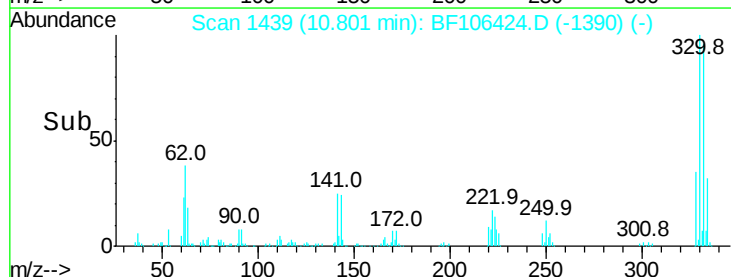
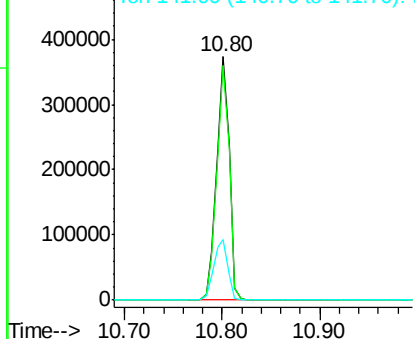


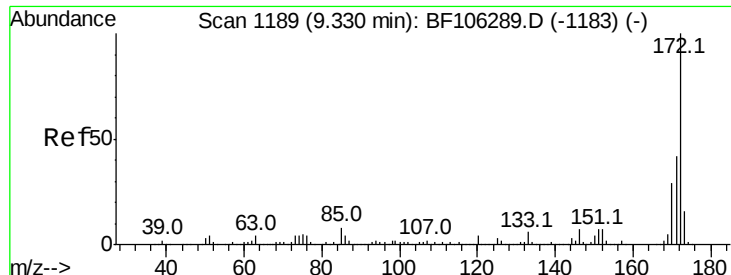
#41
2,4,6-Tribromophenol
Concen: 140.824 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106424.D
Acq: 14 Jun 2018 6:36

Tgt Ion:330 Resp: 336865
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 27.5 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

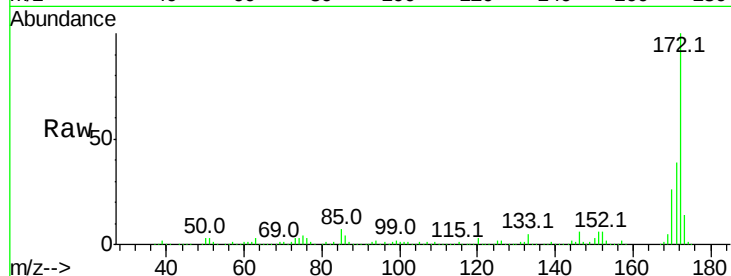




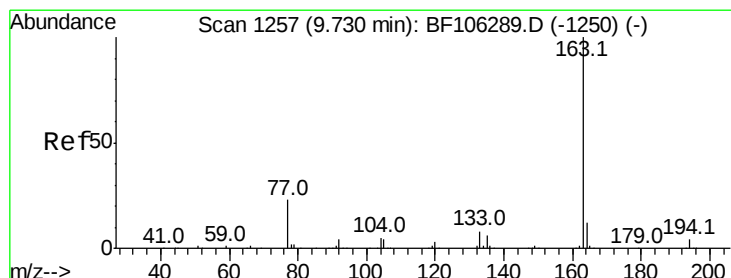
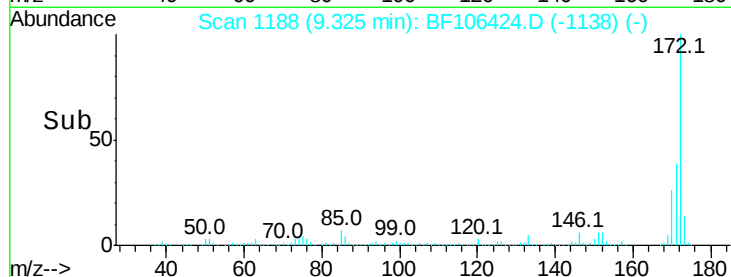
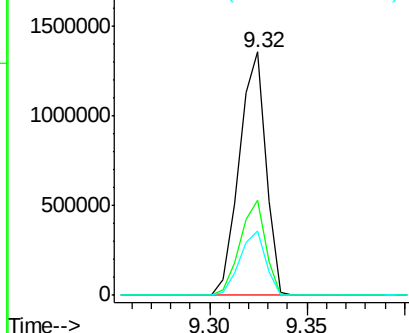
#44
2-Fluorobiphenyl
Concen: 95.270 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106424.D
Acq: 14 Jun 2018 6:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1284615
Ion Ratio Lower Upper
172 100
171 39.0 29.7 44.5
170 26.5 19.6 29.4

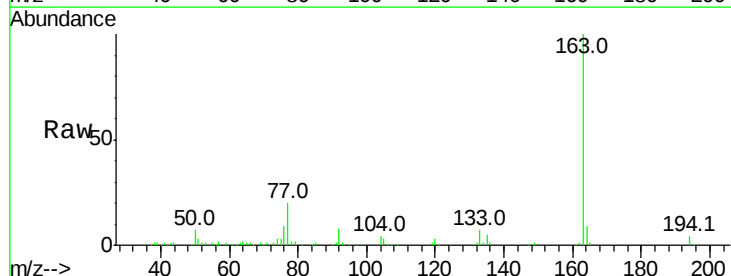


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

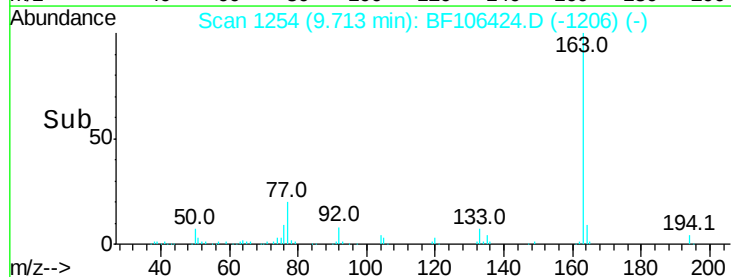
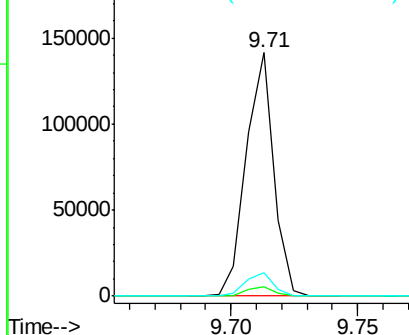


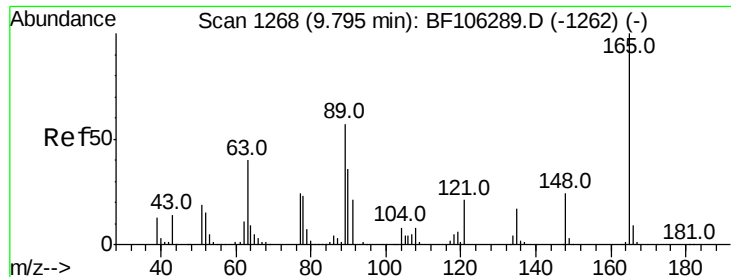
#49
Dimethylphthalate
Concen: 6.019 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106424.D
Acq: 14 Jun 2018 6:36

Tgt Ion:163 Resp: 106903
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.5 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

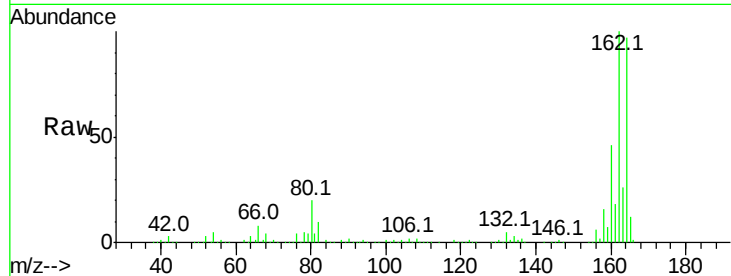




#50
2,6-Dinitrotoluene
Concen: 8.823 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF106424.D
Acq: 14 Jun 2018 6:36

Instrument :
BNA_F
ClientSampleId :

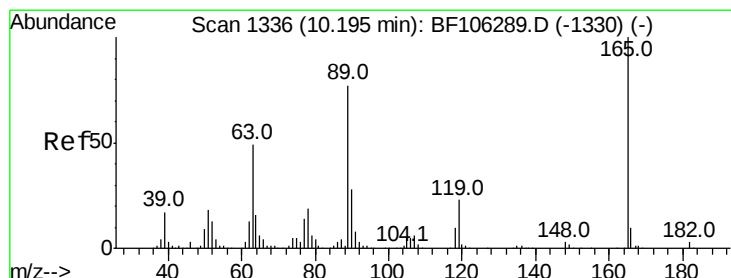
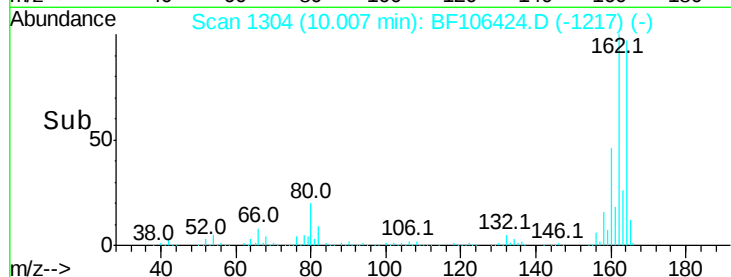
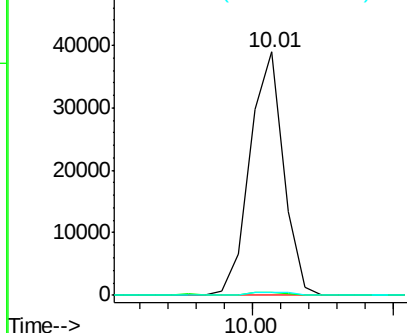
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.3	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
2,4-Dinitrotoluene
Concen: 7.026 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106424.D
Acq: 14 Jun 2018 6:36

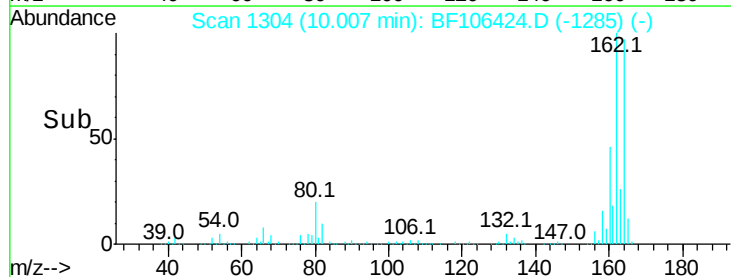
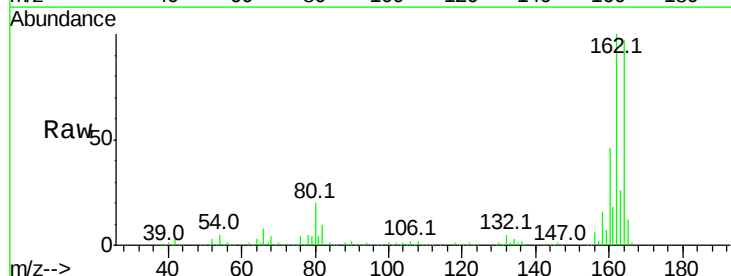
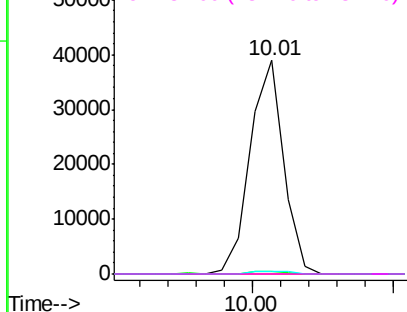
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

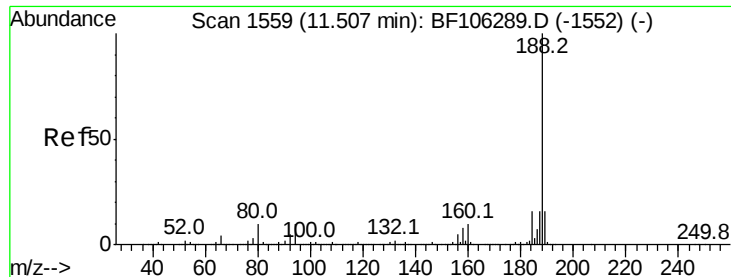
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106424.D

Acq: 14 Jun 2018 6:36

Instrument :

BNA_F

ClientSampleId :

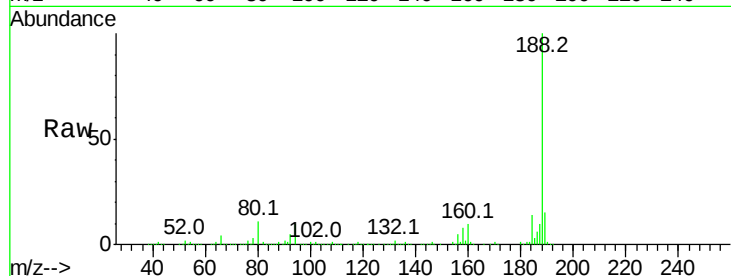
Tot Ion:188 Resp: 466031

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

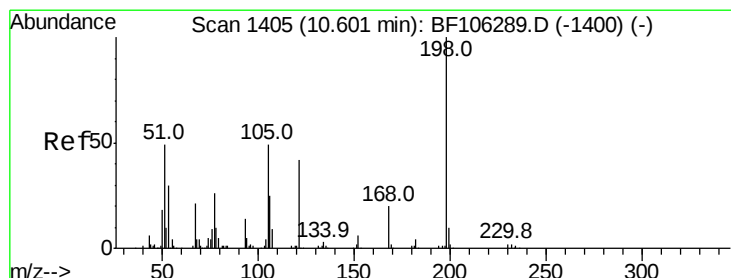
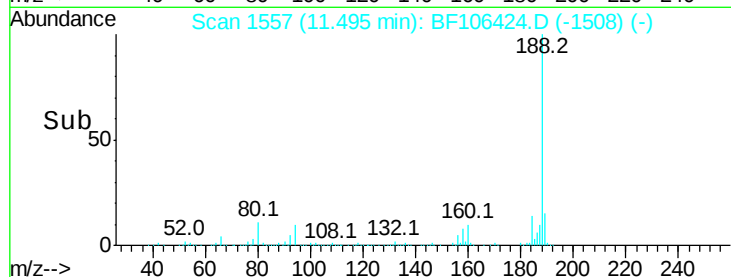
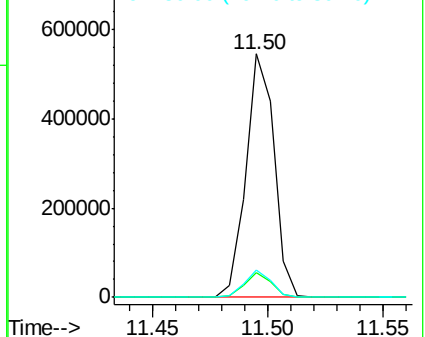
80 11.2 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.529 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.19 min

Lab File: BF106424.D

Acq: 14 Jun 2018 6:36

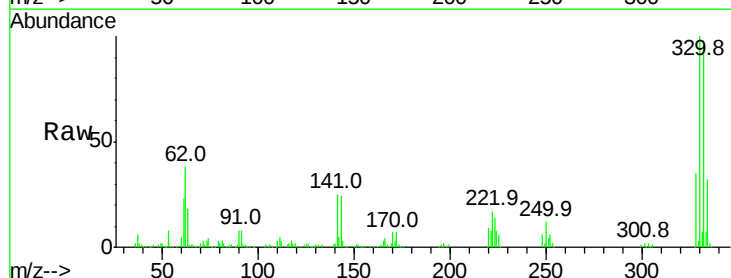
Tgt Ion:198 Resp: 679

Ion Ratio Lower Upper

198 100

51 137.5 37.7 77.7#

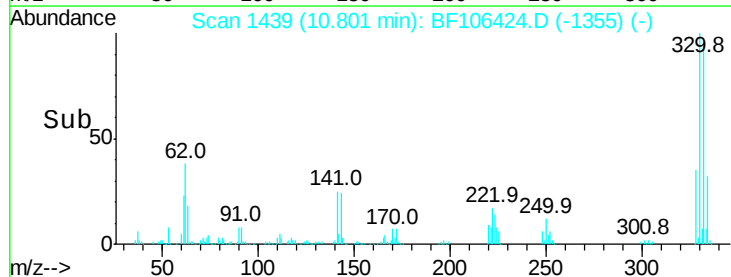
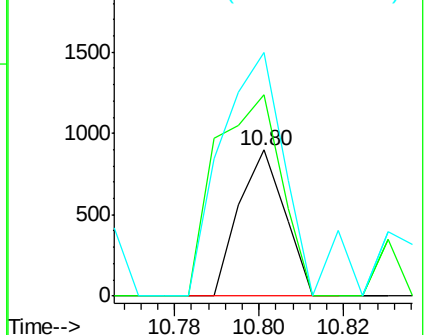
105 166.5 36.3 76.3#

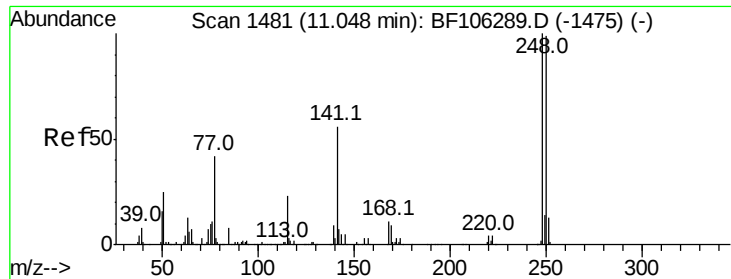


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

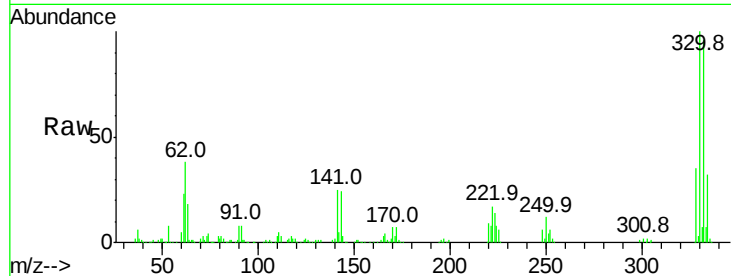




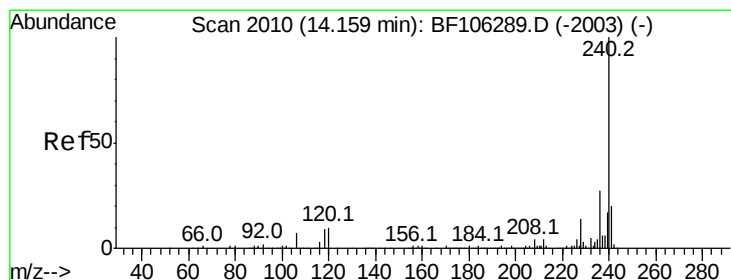
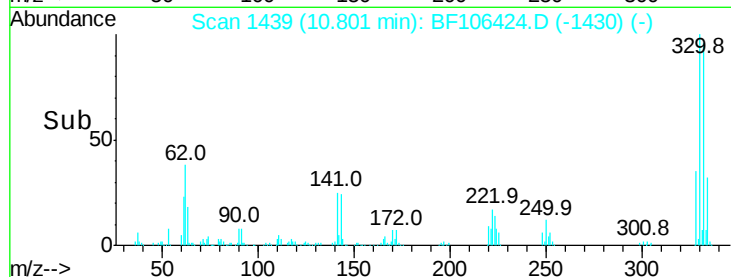
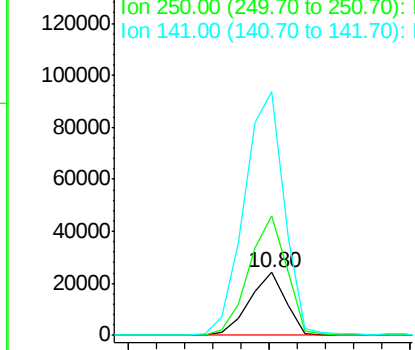
#66
4-Bromophenyl-phenylether
Concen: 4.092 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106424.D
Acq: 14 Jun 2018 6:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 21688
Ion Ratio Lower Upper
248 100
250 190.0 76.9 115.3#
141 387.1 74.4 111.6#

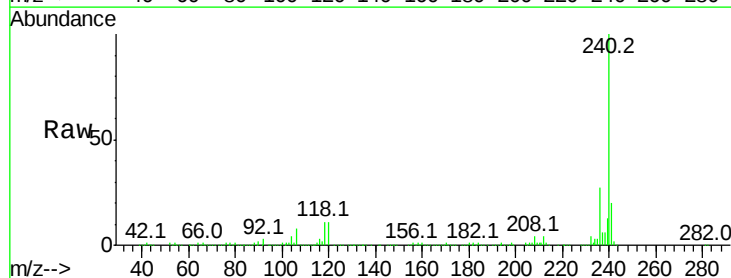


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

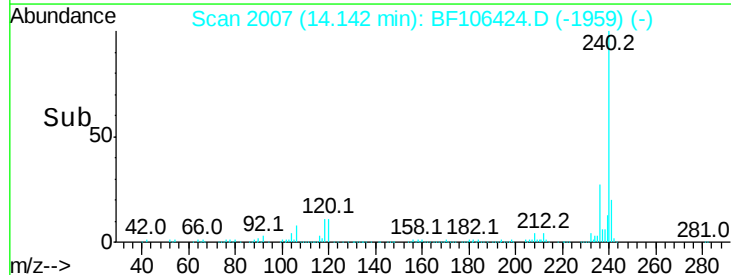
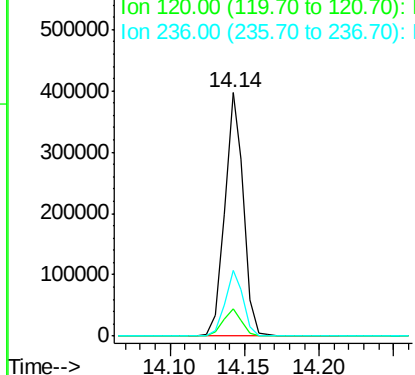


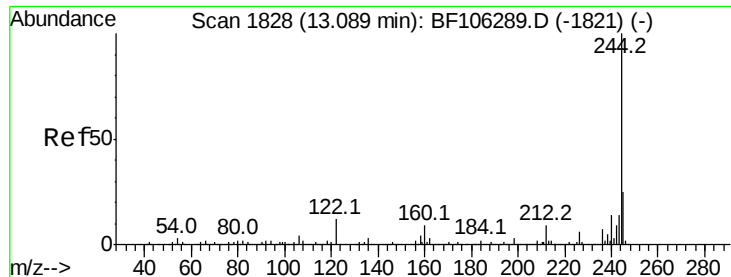
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106424.D
Acq: 14 Jun 2018 6:36

Tgt Ion:240 Resp: 350904
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 26.9 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: 89.382 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106424.D

Acq: 14 Jun 2018 6:36

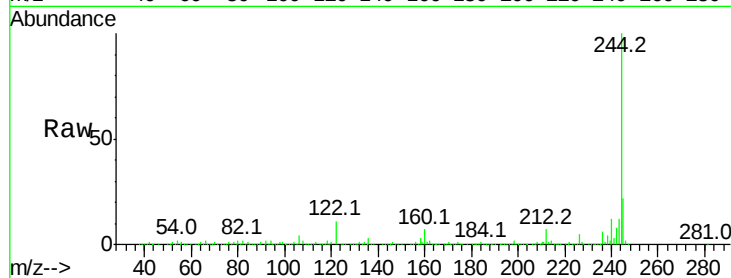
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1262770

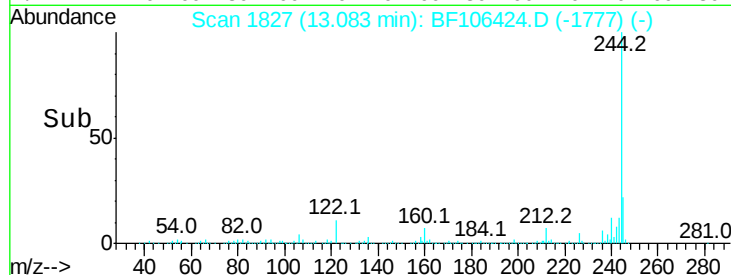
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	11.3	11.0	16.4



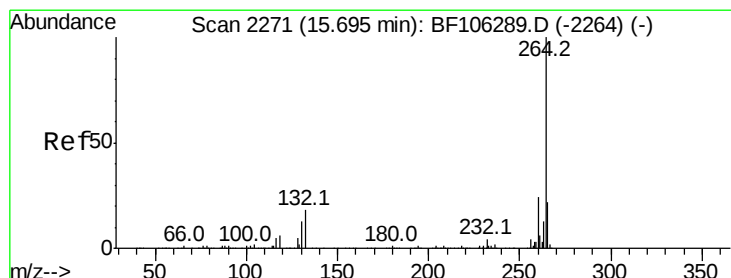
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

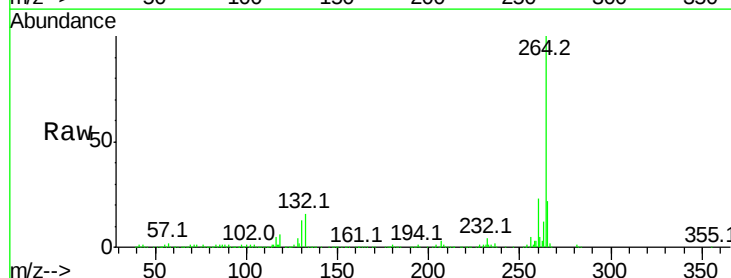
Delta R.T. -0.01 min

Lab File: BF106424.D

Acq: 14 Jun 2018 6:36

Tgt Ion:264 Resp: 347613

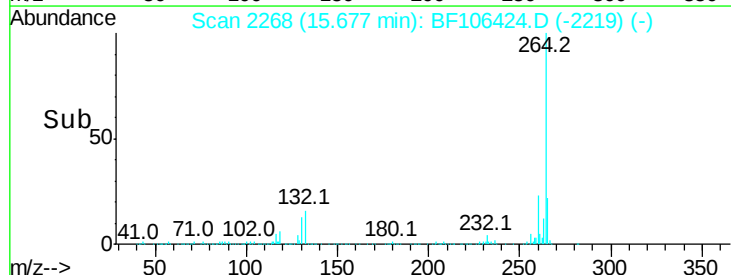
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.1	17.5	26.3



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



Time-->