

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106425.D
 Acq On : 14 Jun 2018 7:03
 Operator : JU/SJ
 Sample : J3433-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 08:32:30 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

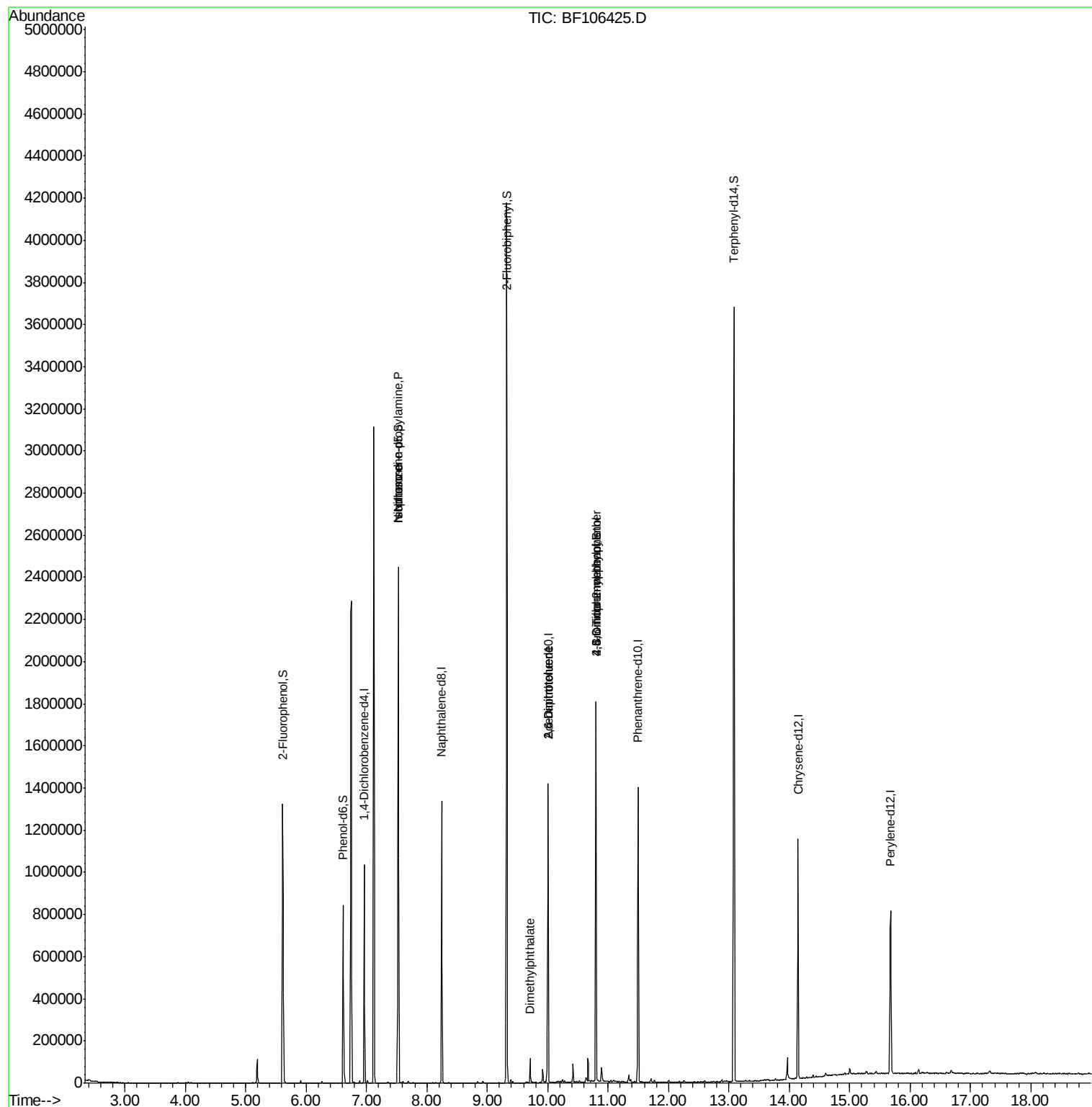
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	136258	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	512391	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	248083	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	465833	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	369625	20.00	ng	-0.02
86) Perylene-d12	15.68	264	356296	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	383014	47.58	ng	-0.01
7) Phenol-d6	6.61	99	308744	30.35	ng	-0.01
23) Nitrobenzene-d5	7.53	82	846053	97.14	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	241846	101.32	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1369031	105.54	ng	0.00
78) Terphenyl-d14	13.08	244	1338533	89.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	113286	14.846	ng	# 75
25) Isophorone	7.53	82	846039	49.731	ng	# 64
49) Dimethylphthalate	9.71	163	40850	2.305	ng	# 99
50) 2,6-Dinitrotoluene	10.01	165	31369	8.664	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	31369	6.900	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	395	6.431	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	16107	3.040	ng	# 1

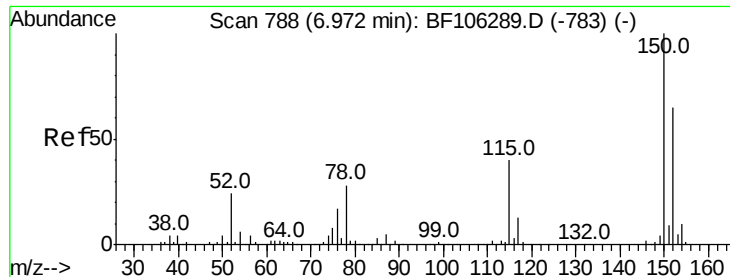
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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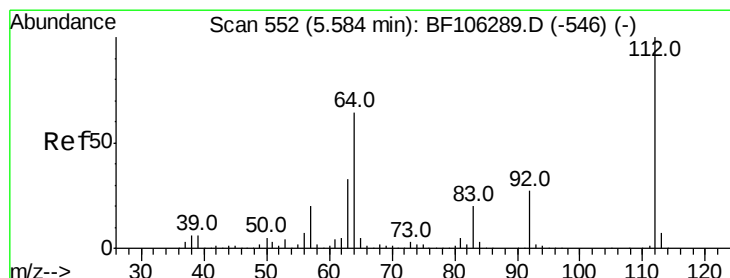
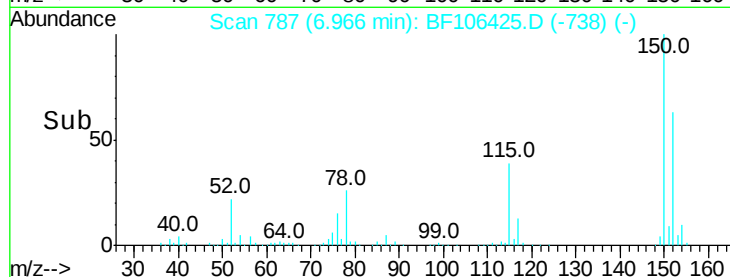
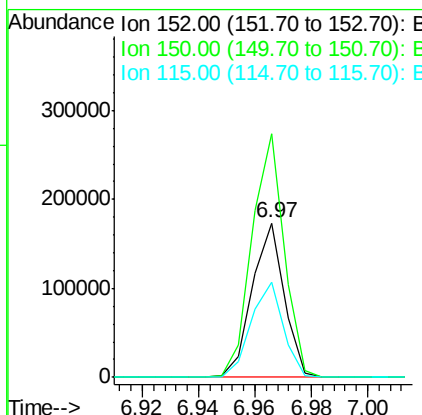
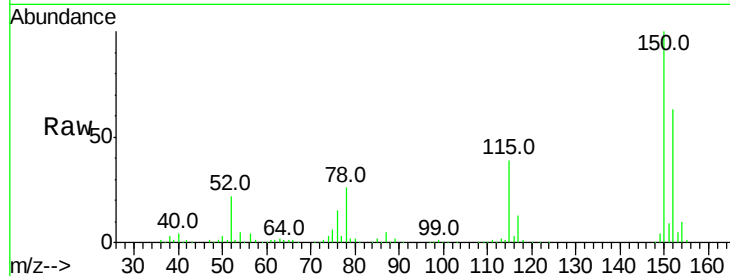


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106425.D
Acq: 14 Jun 2018 7:03

Instrument :
BNA_F
ClientSampleId :

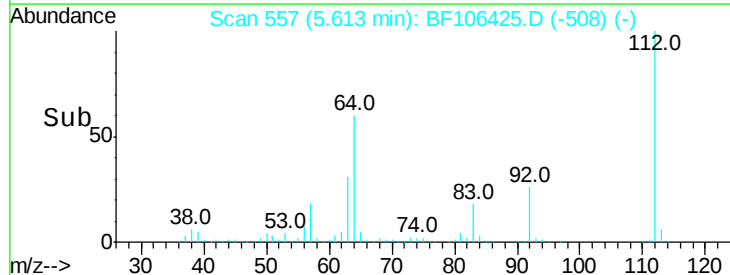
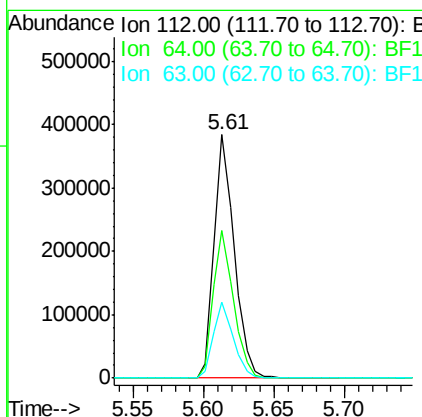
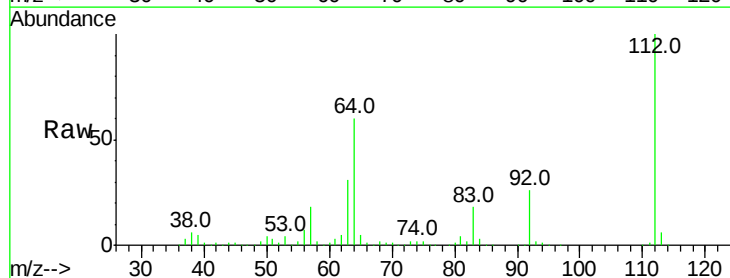
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	62.0	50.1	75.1

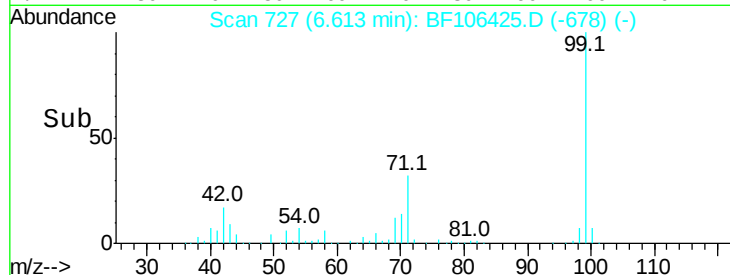
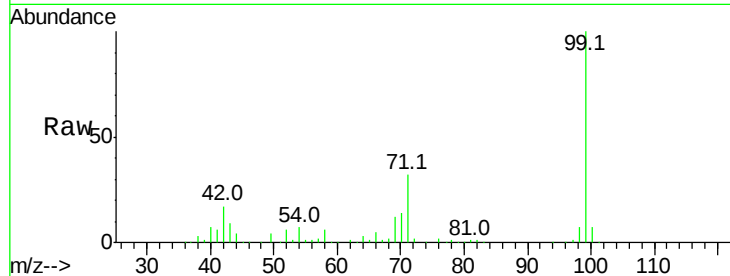


#5

2-Fluorophenol
Concen: 47.575 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106425.D
Acq: 14 Jun 2018 7:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	31.1	23.7	35.5





#7

Phenol-d6

Concen: 30.354 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106425.D

Acq: 14 Jun 2018 7:03

Instrument :

BNA_F

ClientSampleId :

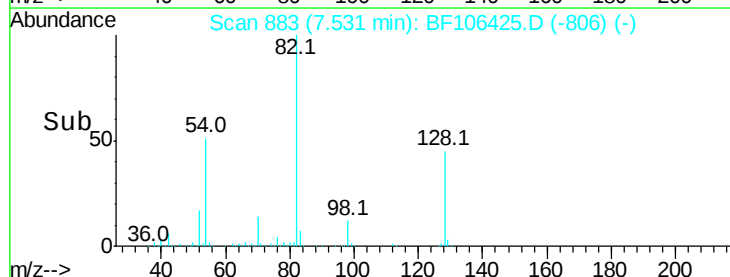
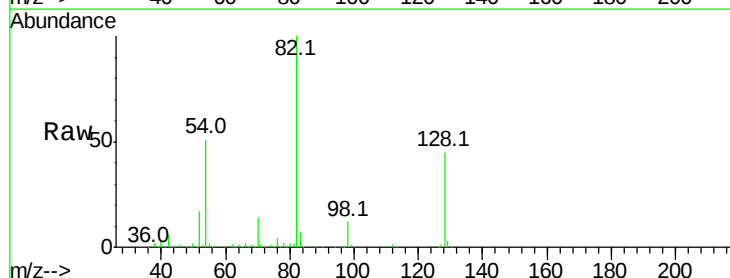
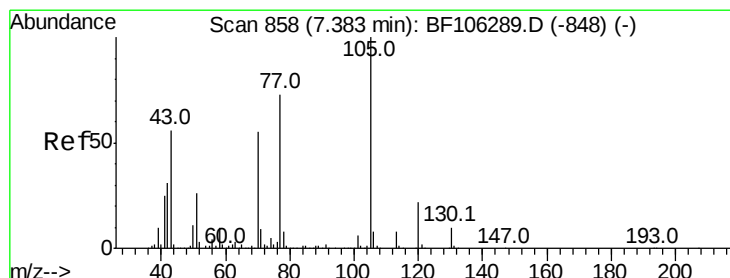
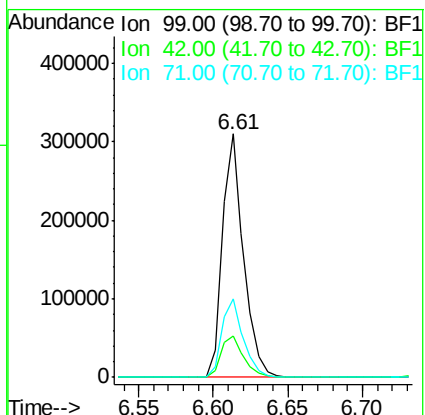
Tot Ion: 99 Resp: 308744

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

71 32.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.846 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106425.D

Acq: 14 Jun 2018 7:03

Tgt Ion: 70 Resp: 113286

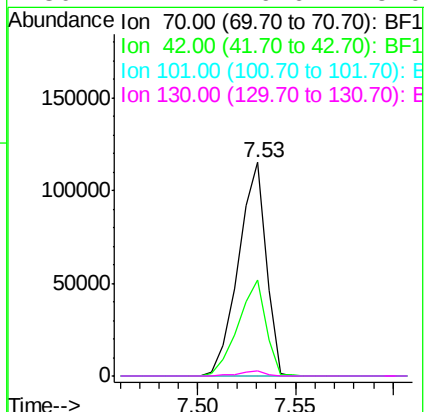
Ion Ratio Lower Upper

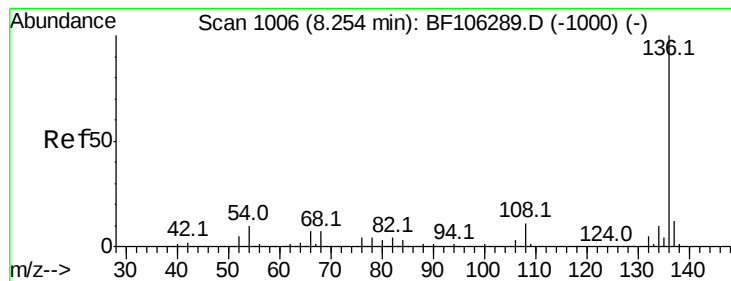
70 100

42 45.0 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: BF106425.D

Acq: 14 Jun 2018 7:03

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 512391

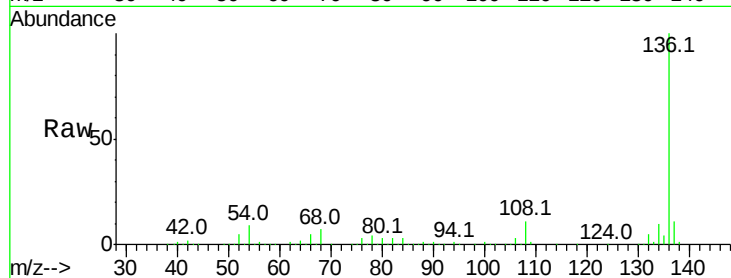
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.7 6.6 9.8

68 6.6 5.0 7.4

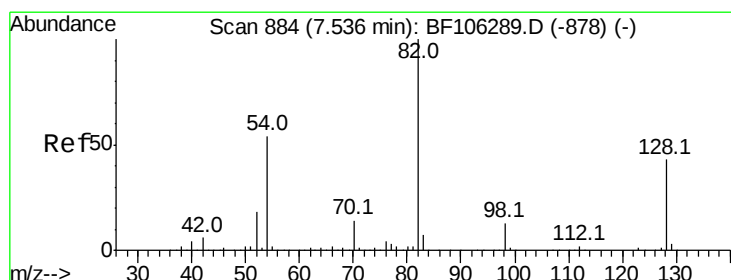
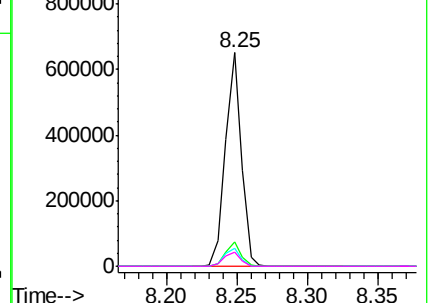
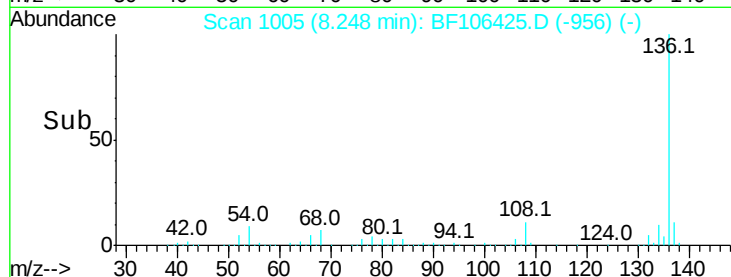


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.137 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106425.D

Acq: 14 Jun 2018 7:03

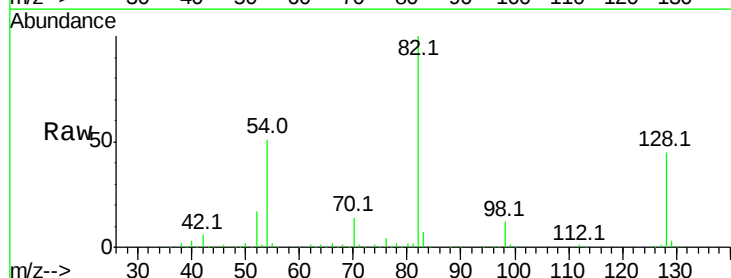
Tgt Ion: 82 Resp: 846053

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

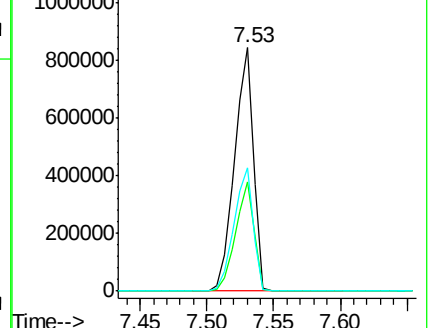
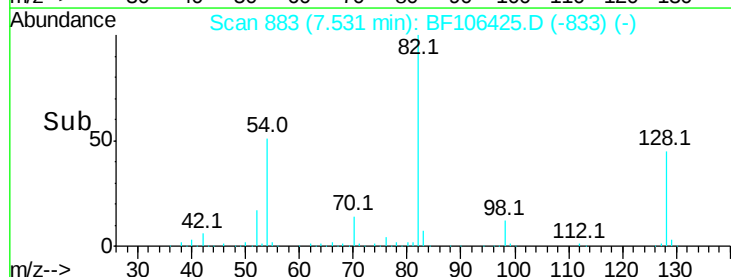
54 50.9 41.4 62.2

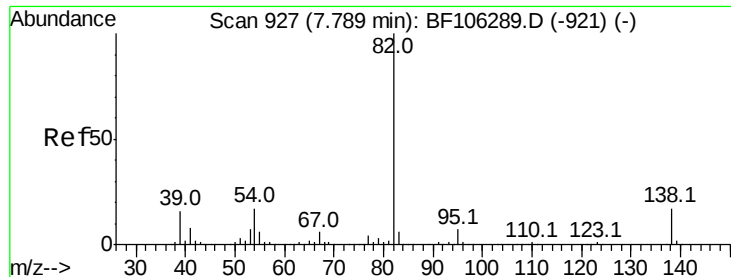


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

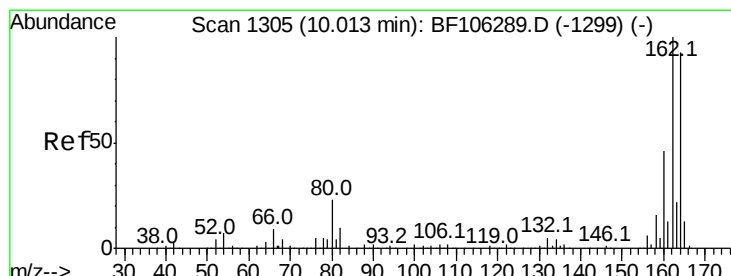
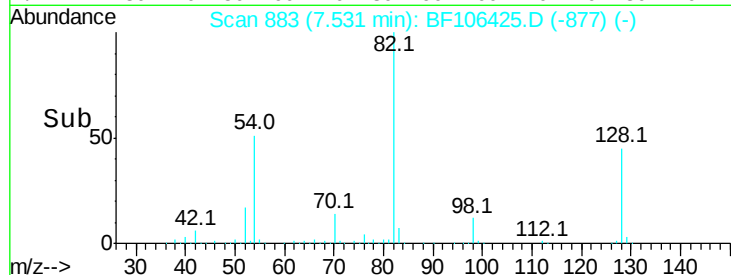
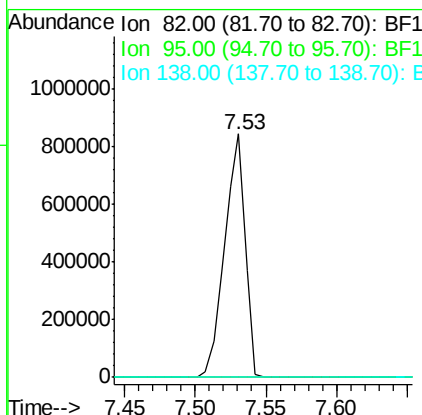
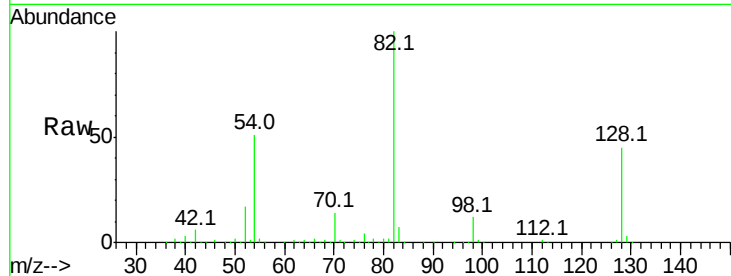




#25
Isophorone
Concen: 49.731 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106425.D
Acq: 14 Jun 2018 7:03

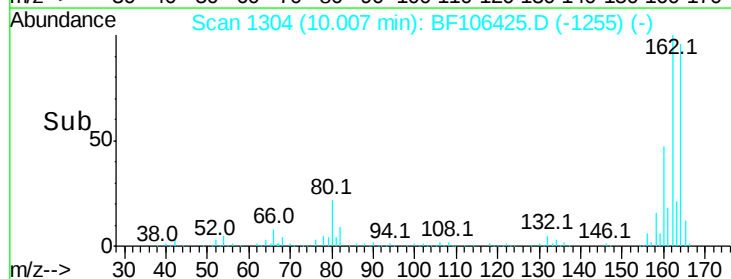
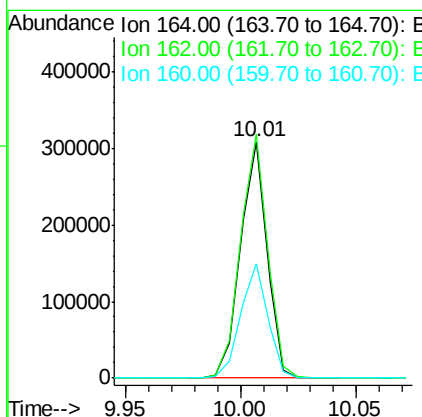
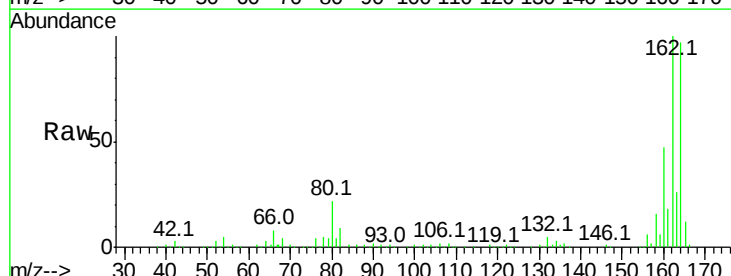
Instrument :
BNA_F
ClientSampleId :

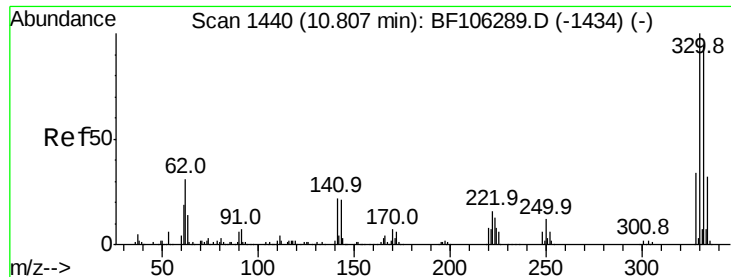
Tot Ion: 82 Resp: 846039
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106425.D
Acq: 14 Jun 2018 7:03

Tgt Ion:164 Resp: 248083
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 48.7 38.3 57.5

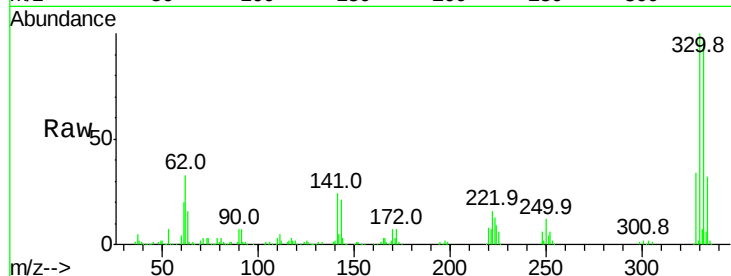




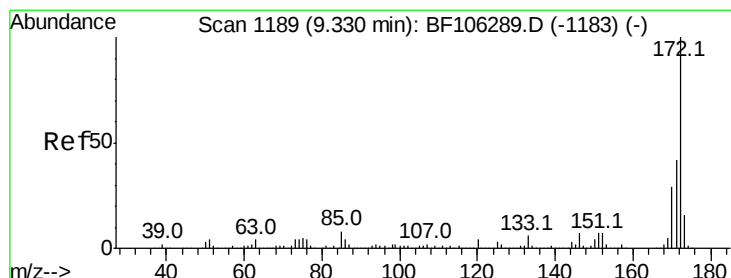
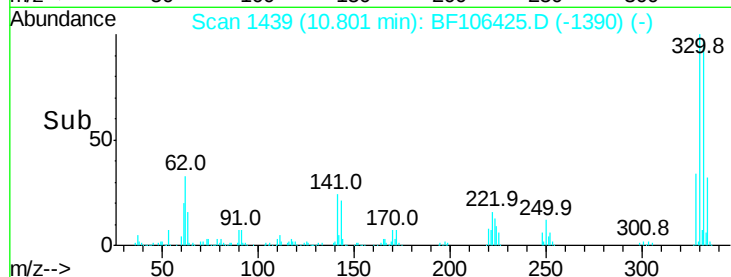
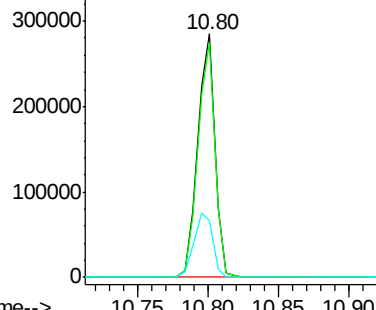
#41
 2,4,6-Tribromophenol
 Concen: 101.318 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106425.D
 Acq: 14 Jun 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	28.9	29.9	44.9#

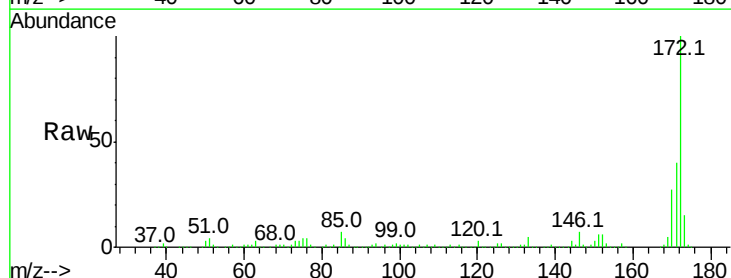


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

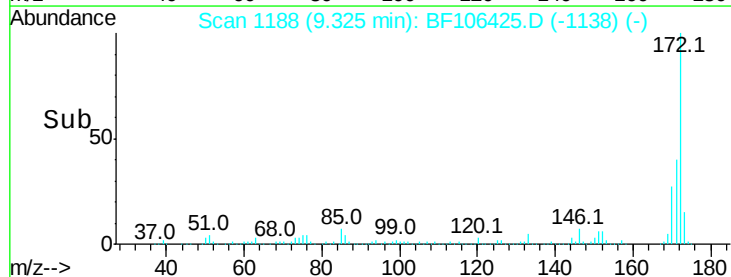
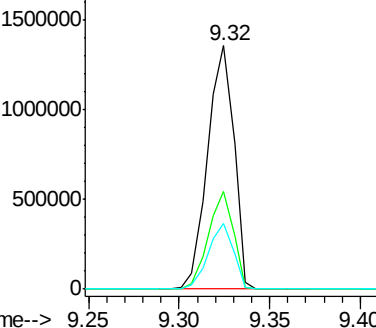


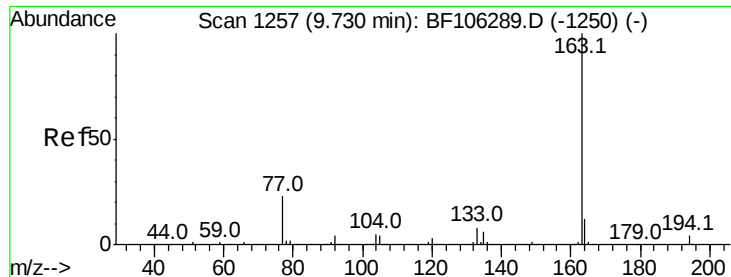
#44
 2-Fluorobiphenyl
 Concen: 105.541 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106425.D
 Acq: 14 Jun 2018 7:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.3	29.7	44.5
170	27.2	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

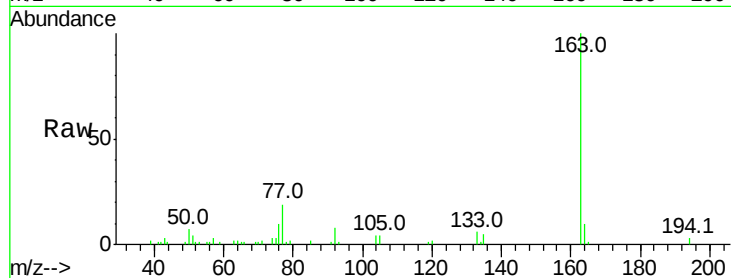




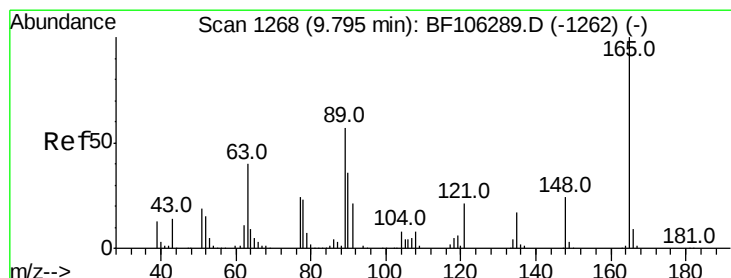
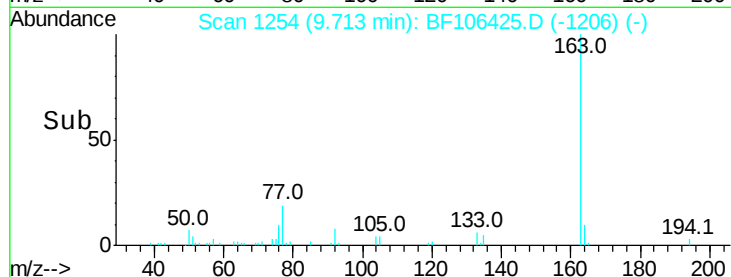
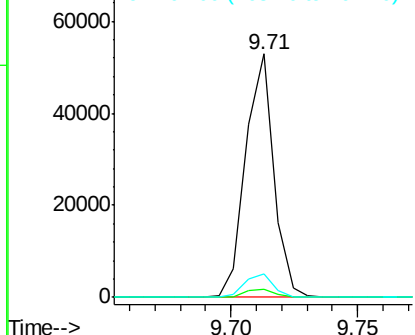
#49
Dimethylphthalate
Concen: 2.305 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106425.D
Acq: 14 Jun 2018 7:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.6	8.2	12.2

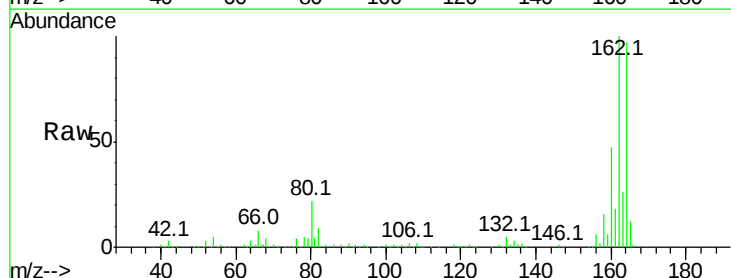


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

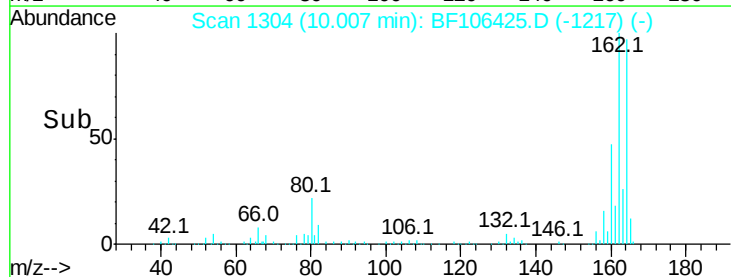
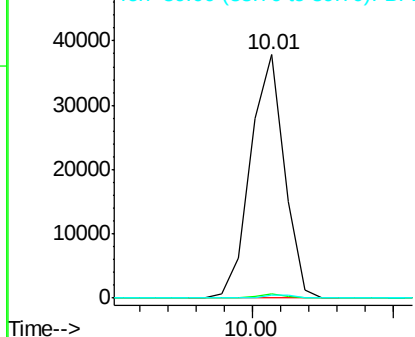


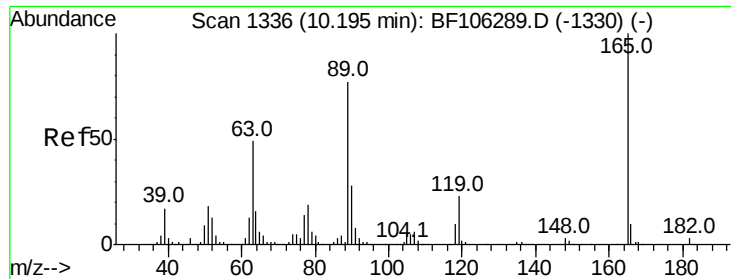
#50
2,6-Dinitrotoluene
Concen: 8.664 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF106425.D
Acq: 14 Jun 2018 7:03

Tgt 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

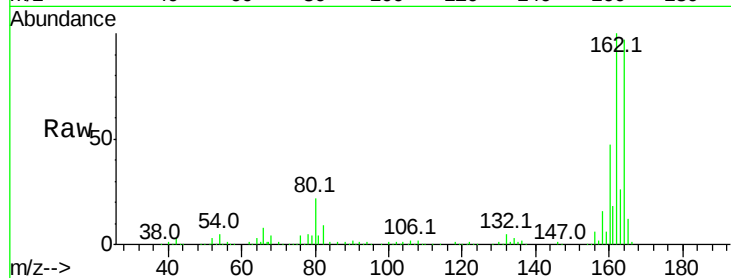




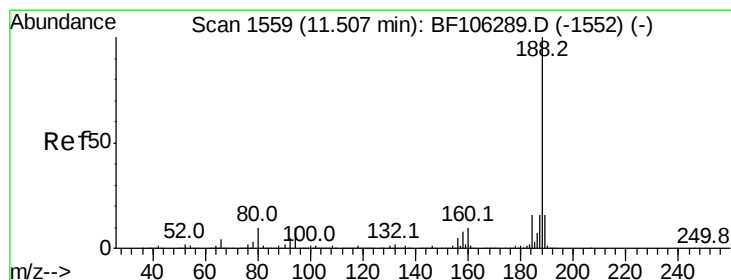
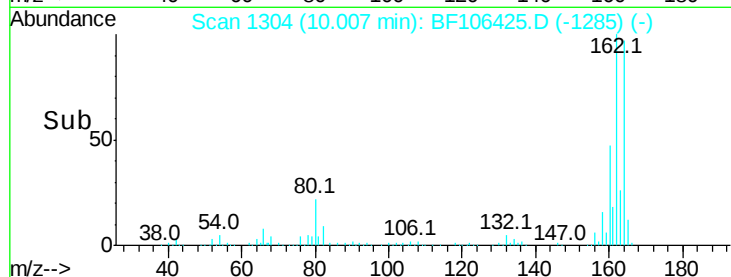
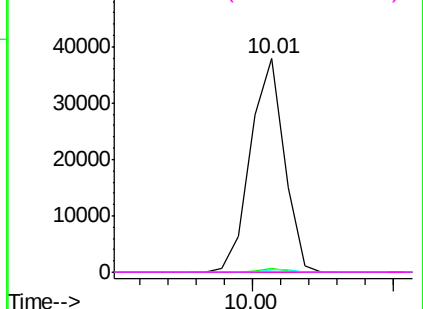
#56
2,4-Dinitrotoluene
Concen: 6.900 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106425.D
Acq: 14 Jun 2018 7:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 31369
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#

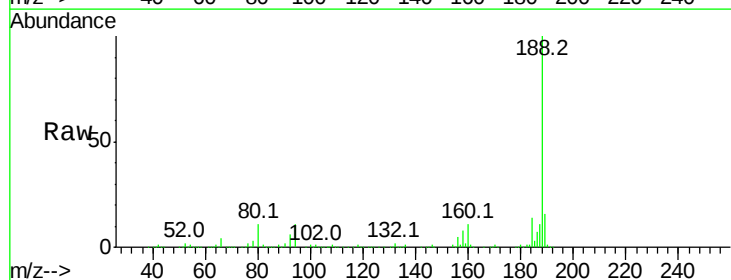


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

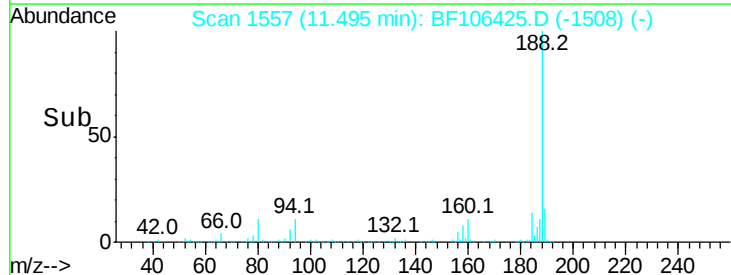
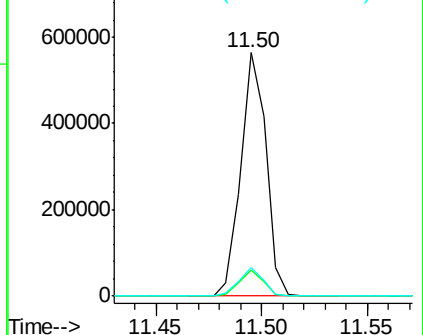


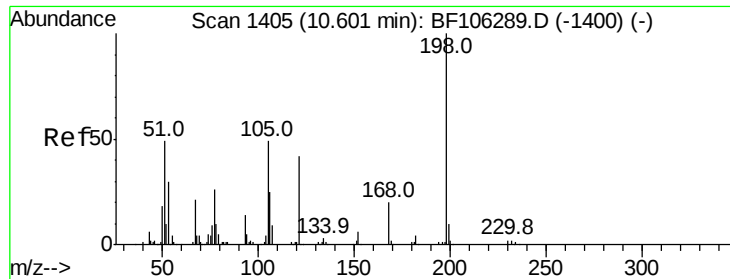
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106425.D
Acq: 14 Jun 2018 7:03

Tgt Ion:188 Resp: 465833
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.5 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

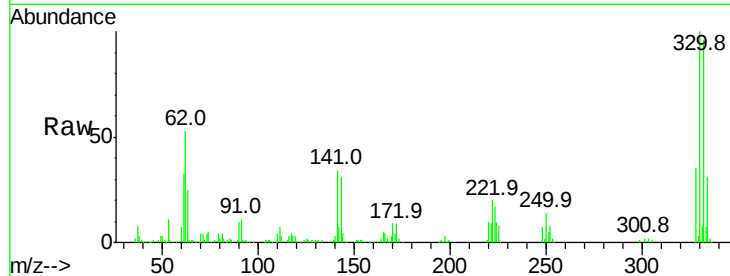




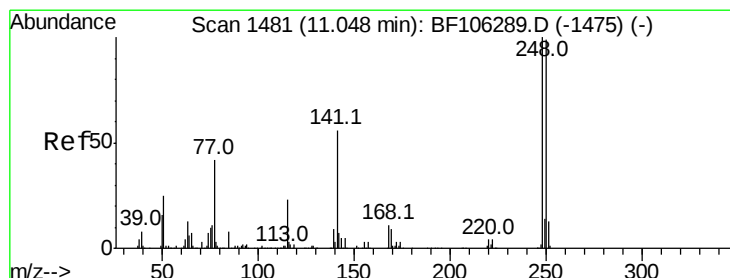
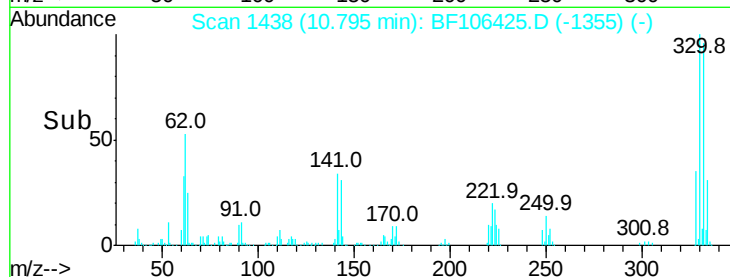
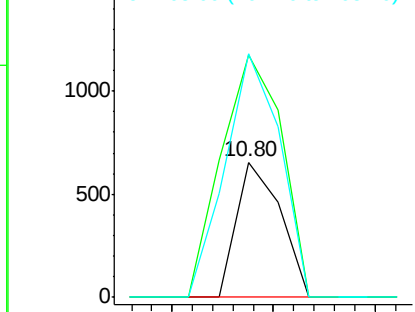
#64
4,6-Dinitro-2-methylphenol
Concen: 6.431 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF106425.D
Acq: 14 Jun 2018 7:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 395
Ion Ratio Lower Upper
198 100
51 179.1 37.7 77.7#
105 179.8 36.3 76.3#

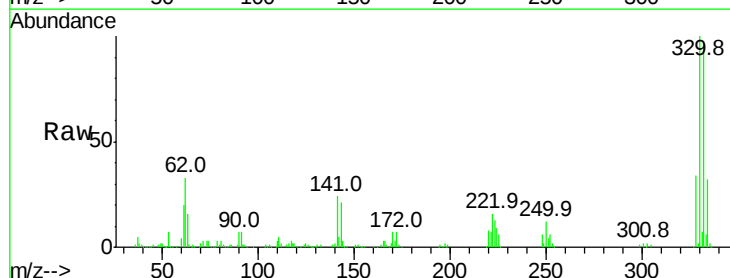


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

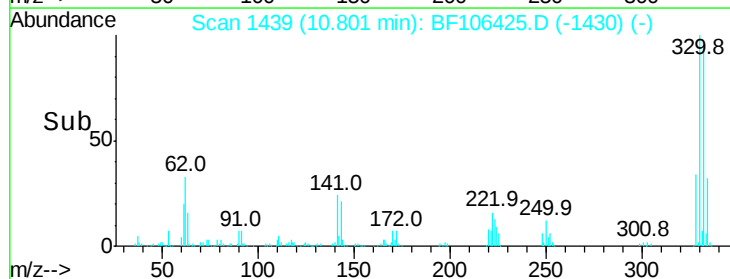
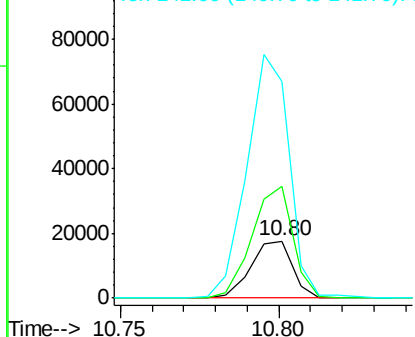


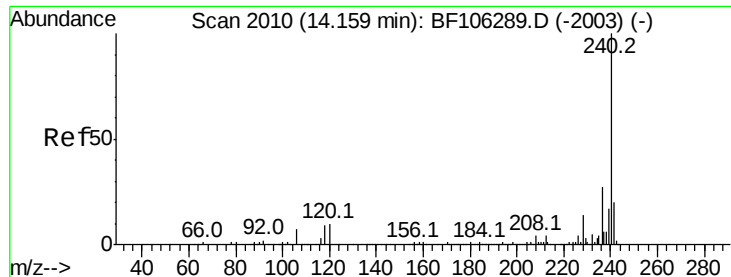
#66
4-Bromophenyl-phenylether
Concen: 3.040 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106425.D
Acq: 14 Jun 2018 7:03

Tgt Ion:248 Resp: 16107
Ion Ratio Lower Upper
248 100
250 195.3 76.9 115.3#
141 377.9 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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106425.D

Acq: 14 Jun 2018 7:03

Instrument :

BNA_F

ClientSampled :

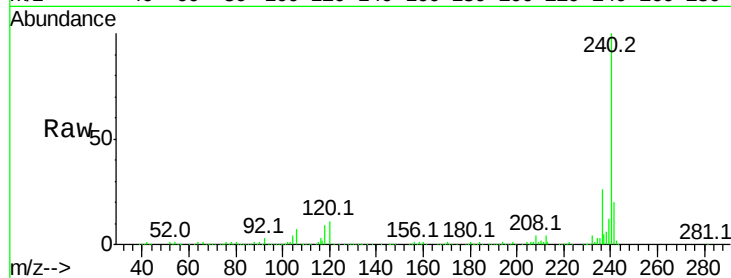
Tot Ion:240 Resp: 369625

Ion Ratio Lower Upper

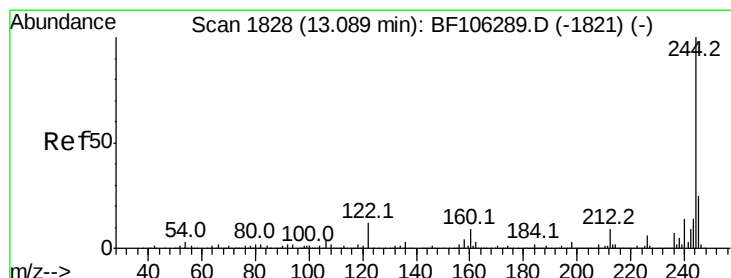
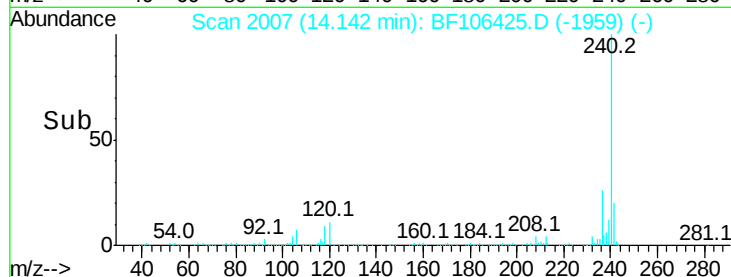
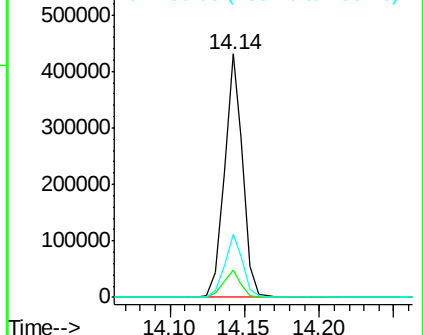
240 100

120 11.2 9.5 14.3

236 25.8 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: 89.946 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106425.D

Acq: 14 Jun 2018 7:03

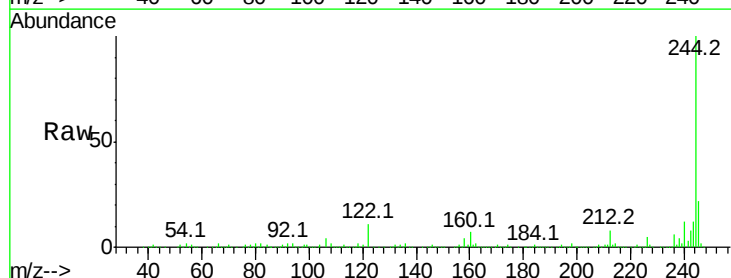
Tgt Ion:244 Resp: 1338533

Ion Ratio Lower Upper

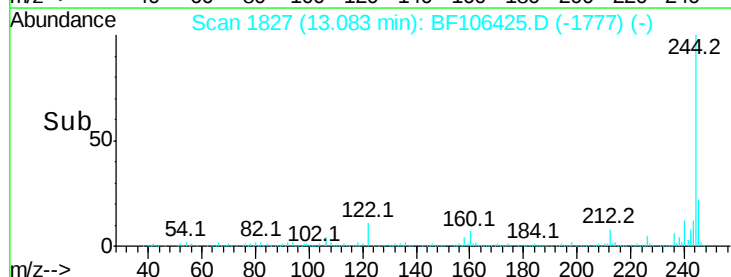
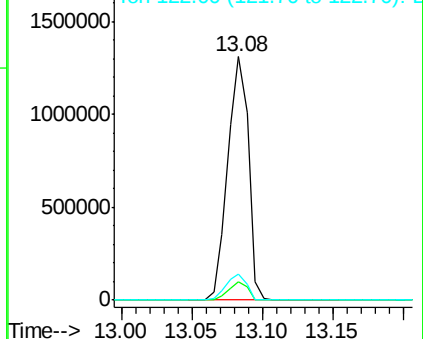
244 100

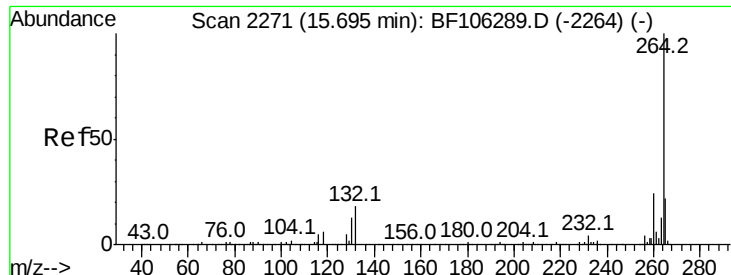
212 7.6 5.4 8.0

122 10.8 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

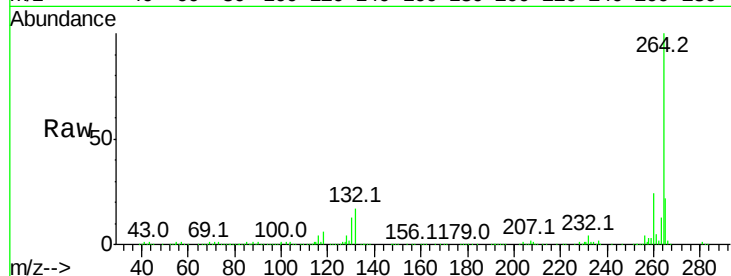




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF106425.D
 Acq: 14 Jun 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	356296
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	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

