

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106429.D
 Acq On : 14 Jun 2018 8:49
 Operator : JU/SJ
 Sample : J3401-05
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 11:28:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 11:27:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	130171	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	495046	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	242640	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	454011	20.00	ng	0.00
75) Chrysene-d12	14.14	240	343777	20.00	ng	0.00
86) Perylene-d12	15.68	264	339092	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	568781	73.95	ng	0.00
7) Phenol-d6	6.61	99	460297	47.37	ng	0.00
23) Nitrobenzene-d5	7.53	82	941350	111.86	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	416217	178.28	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1449477	120.37	ng	0.00
78) Terphenyl-d14	13.08	244	1423740	102.86	ng	0.00

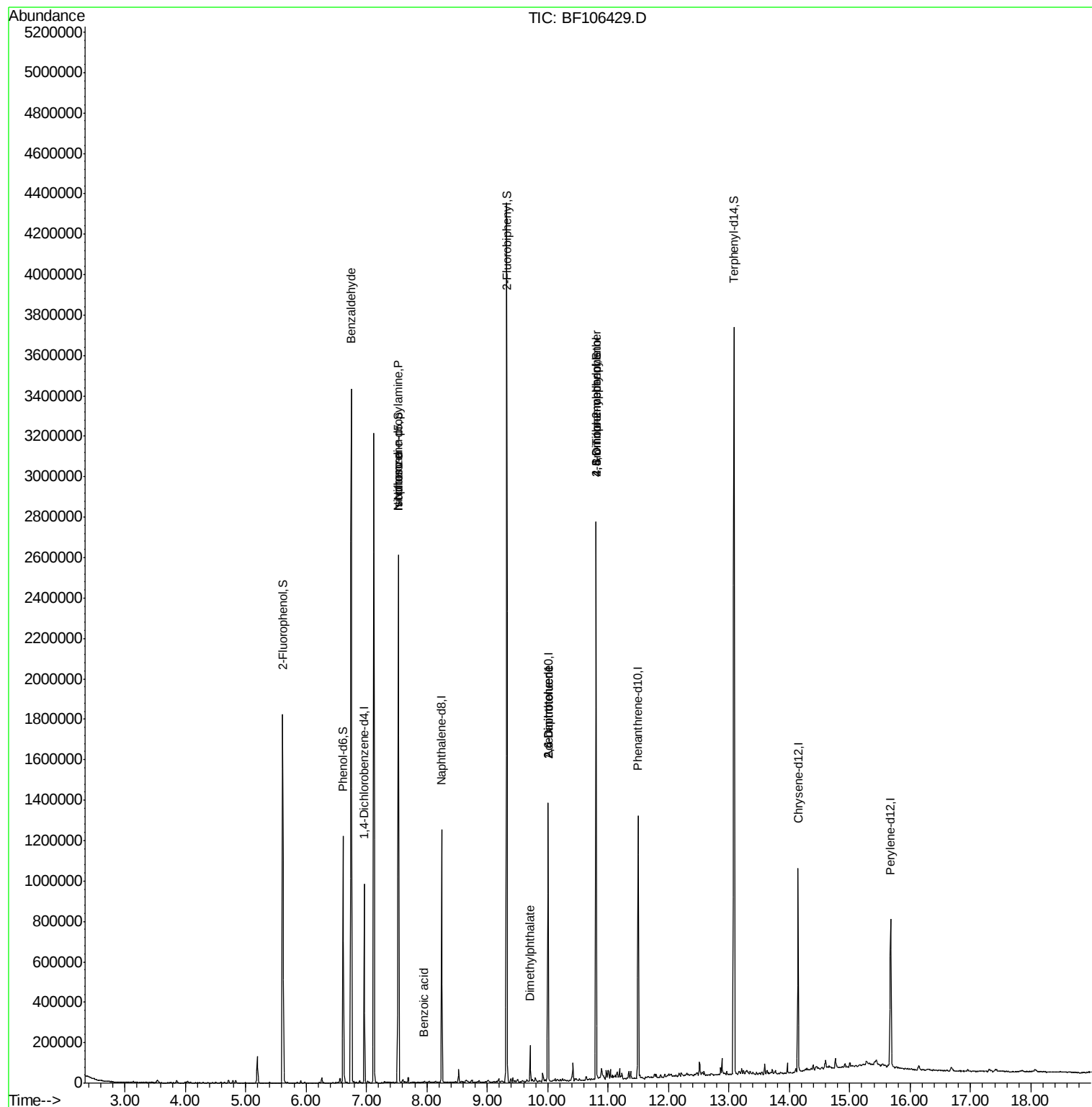
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	20510	2.783	ng	82
19) n-Nitroso-di-n-propylamine	7.53	70	129807	17.806	ng	# 76
25) Isophorone	7.53	82	941339	57.271	ng	# 64
32) Benzoic acid	7.95	122	120	7.309	ng	# 33
49) Dimethylphthalate	9.71	163	59792	3.449	ng	99
50) 2,6-Dinitrotoluene	10.01	165	30111	8.503	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	30111	6.772	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.81	198	886	6.609	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	26928	5.215	ng	# 1

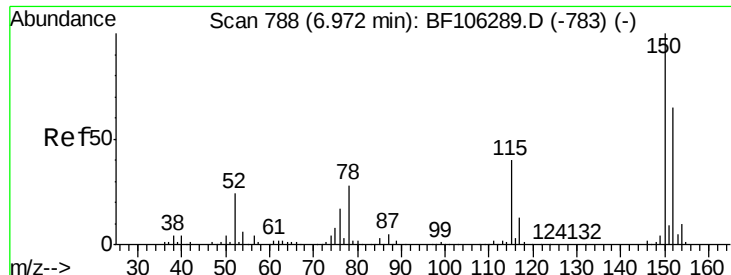
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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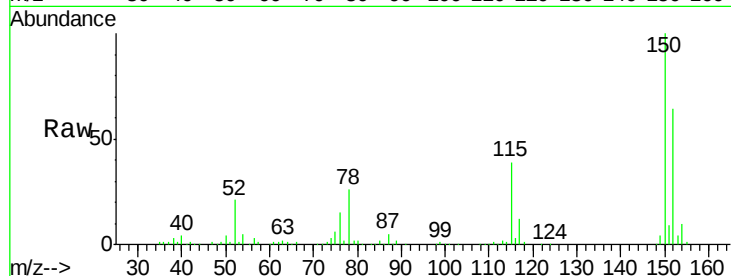


#1

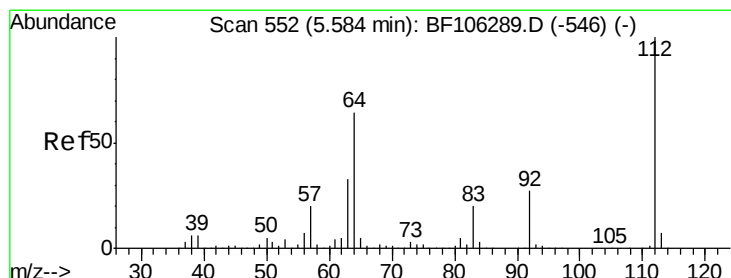
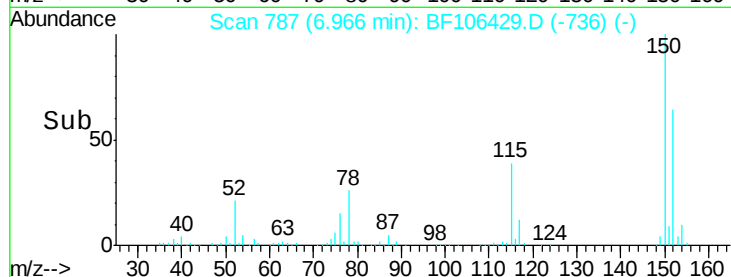
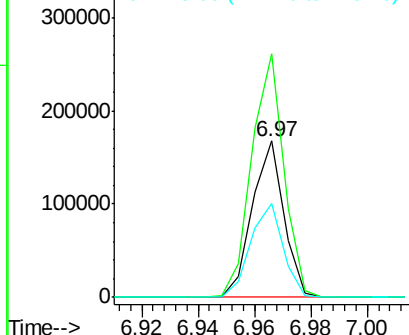
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106429.D
Acq: 14 Jun 2018 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	60.2	50.1	75.1



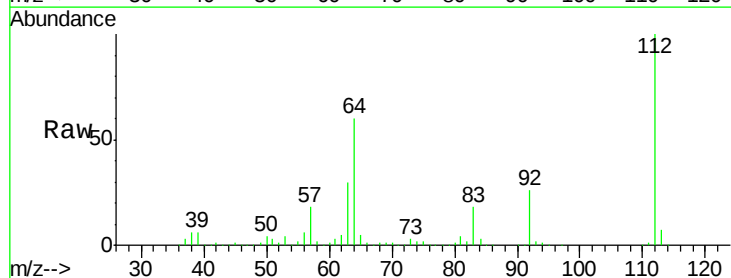
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



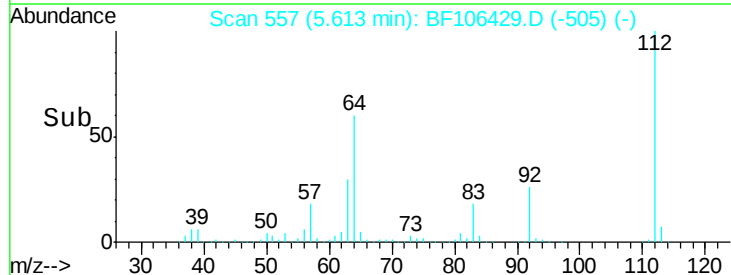
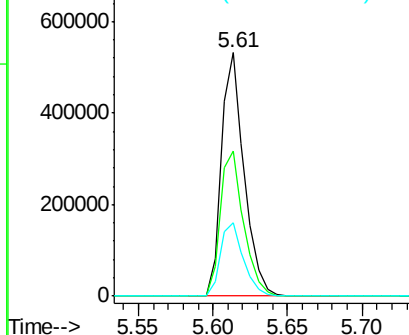
#5

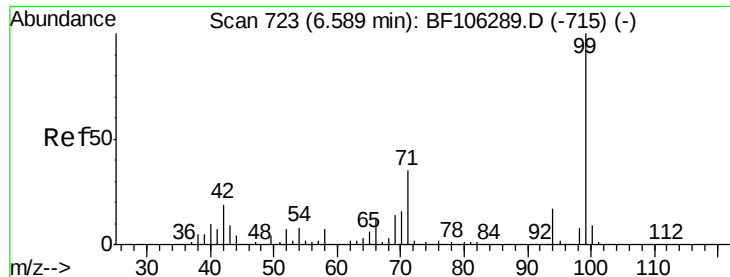
2-Fluorophenol
Concen: 73.954 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106429.D
Acq: 14 Jun 2018 8:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	30.3	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: 47.371 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106429.D

Acq: 14 Jun 2018 8:49

Instrument :

BNA_F

ClientSampled :

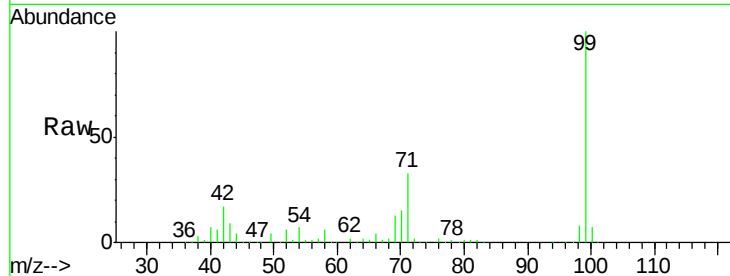
Tot Ion: 99 Resp: 460297

Ion Ratio Lower Upper

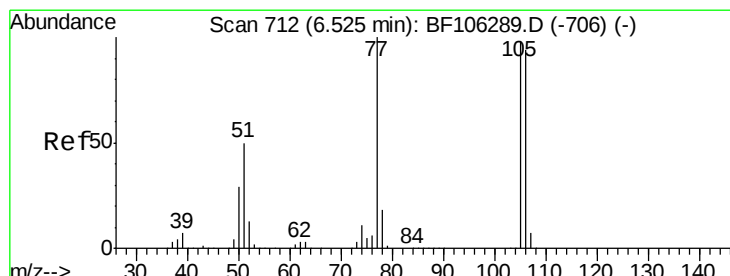
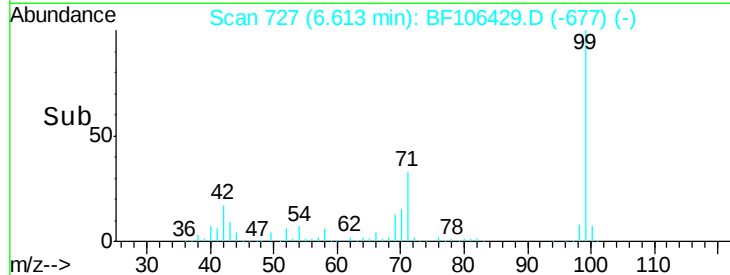
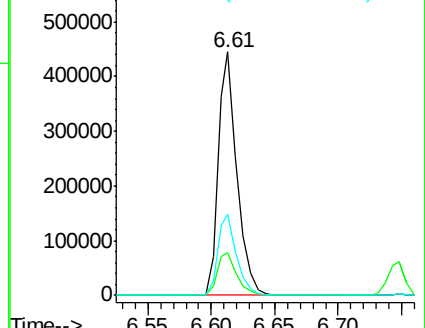
99 100

42 17.3 14.5 21.7

71 33.3 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: 2.783 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106429.D

Acq: 14 Jun 2018 8:49

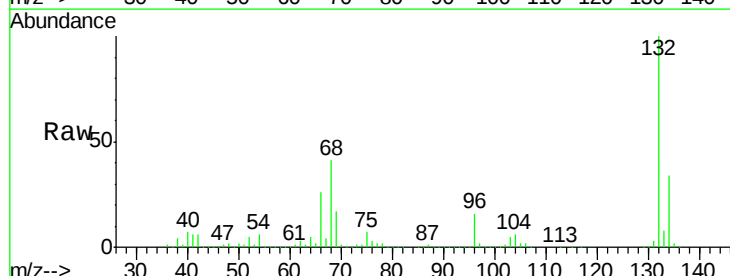
Tgt Ion: 77 Resp: 20510

Ion Ratio Lower Upper

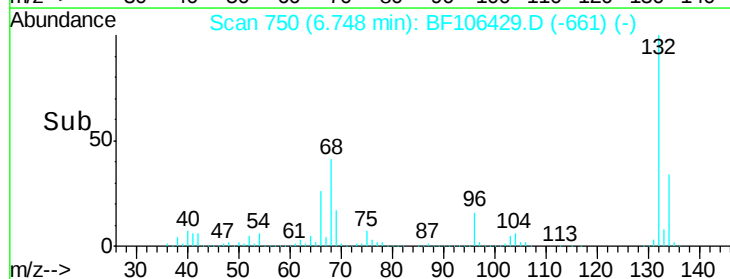
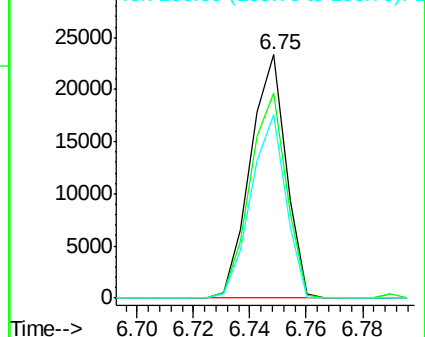
77 100

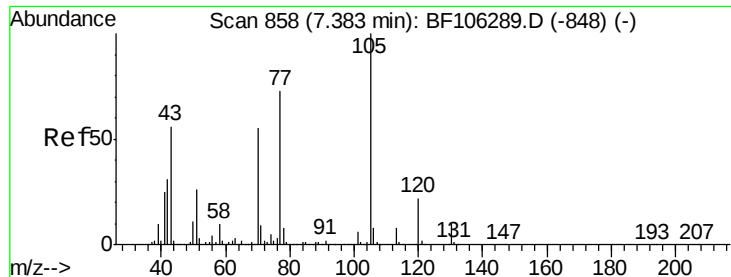
105 84.5 81.1 121.1

106 75.2 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

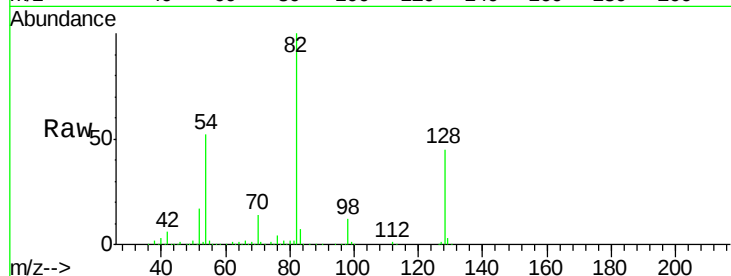




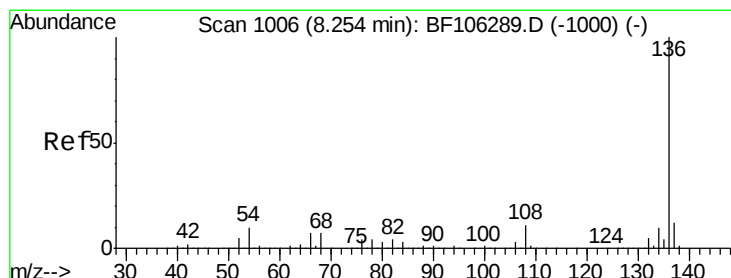
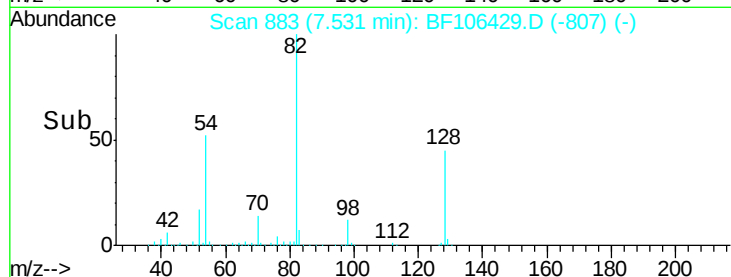
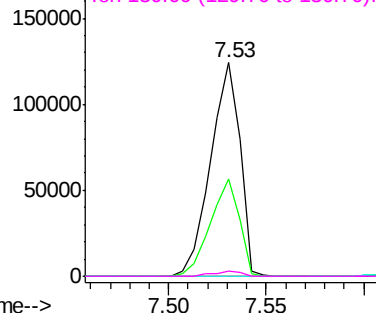
#19
n-Nitroso-di-n-propylamine
Concen: 17.806 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106429.D
Acq: 14 Jun 2018 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 129807
Ion Ratio Lower Upper
70 100
42 45.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#

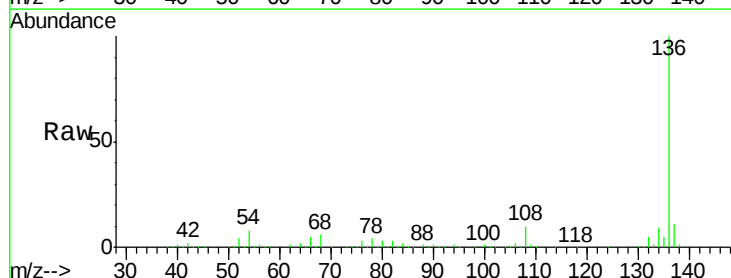


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

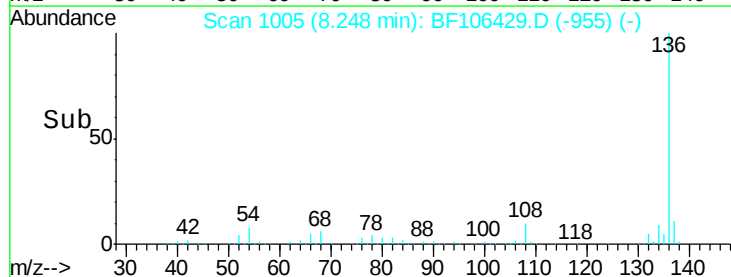
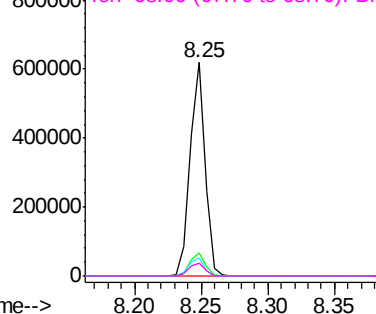


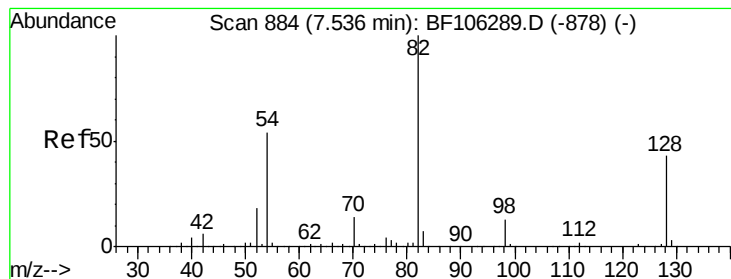
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106429.D
Acq: 14 Jun 2018 8:49

Tgt Ion:136 Resp: 495046
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.4 6.6 9.8
68 6.3 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: 111.865 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106429.D

Acq: 14 Jun 2018 8:49

Instrument :

BNA_F

ClientSampleId :

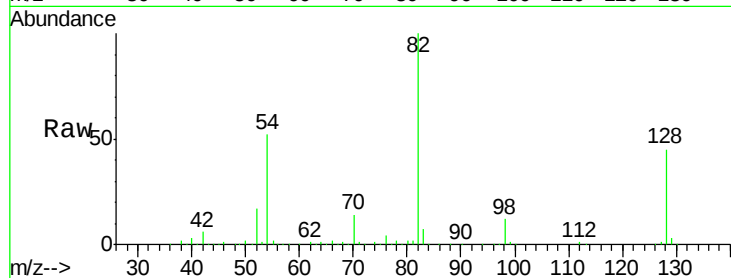
Tot Ion: 82 Resp: 941350

Ion Ratio Lower Upper

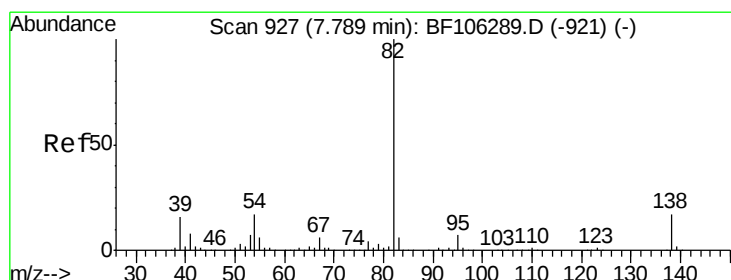
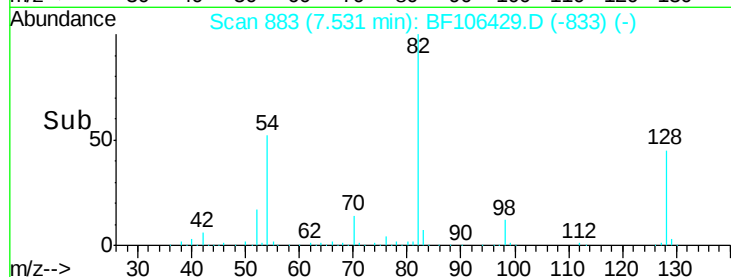
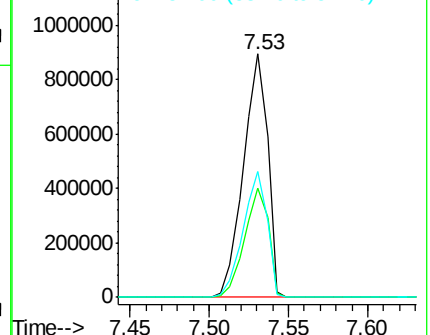
82 100

128 44.7 36.1 54.1

54 51.6 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: 57.271 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106429.D

Acq: 14 Jun 2018 8:49

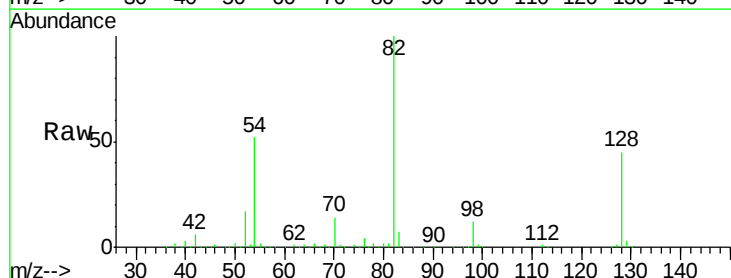
Tgt Ion: 82 Resp: 941339

Ion Ratio Lower Upper

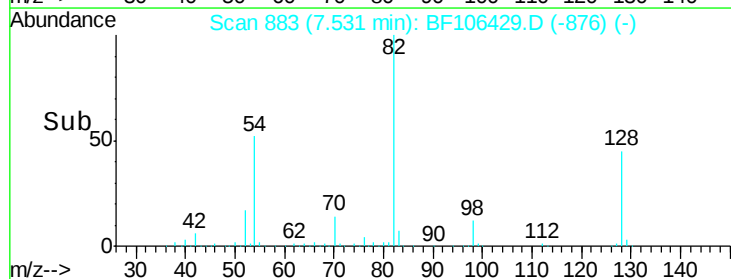
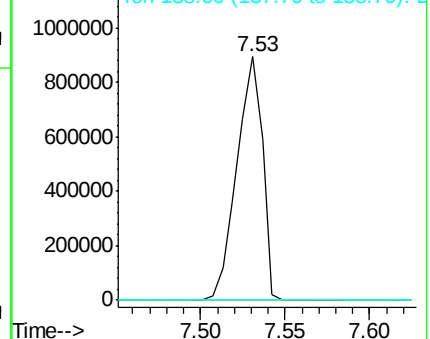
82 100

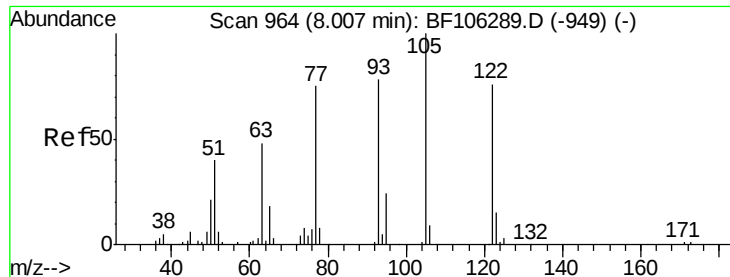
95 0.0 5.2 7.8#

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

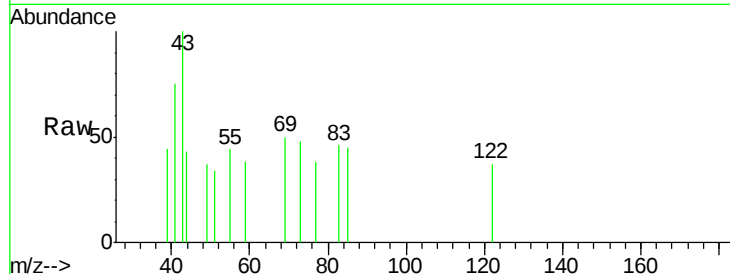




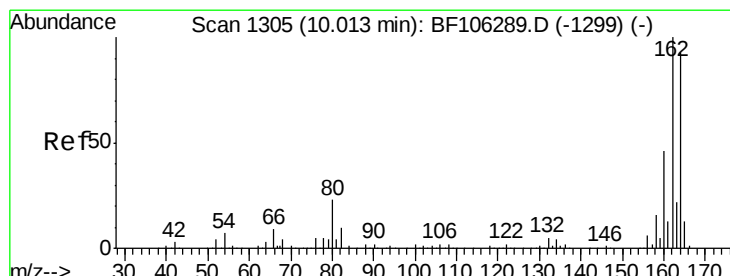
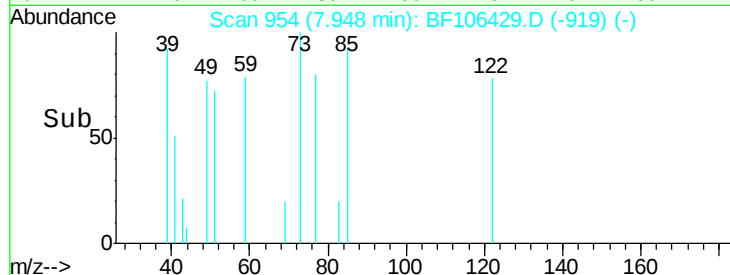
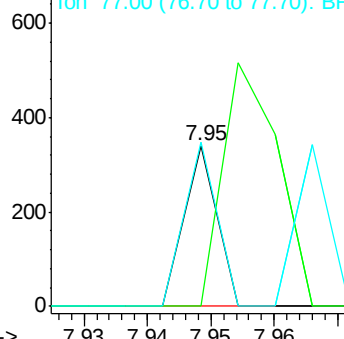
#32
Benzoic acid
Concen: 7.309 ng
RT: 7.95 min Scan# 954
Delta R.T. -0.09 min
Lab File: BF106429.D
Acq: 14 Jun 2018 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 120
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 101.8 70.7 110.7

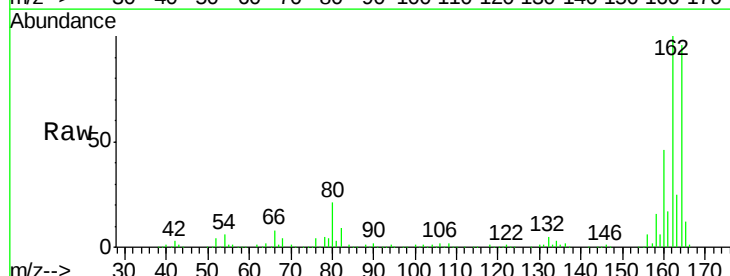


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

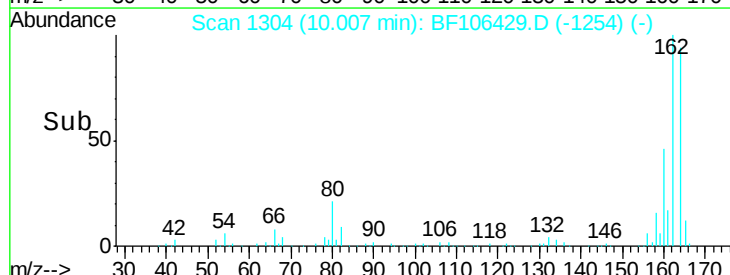
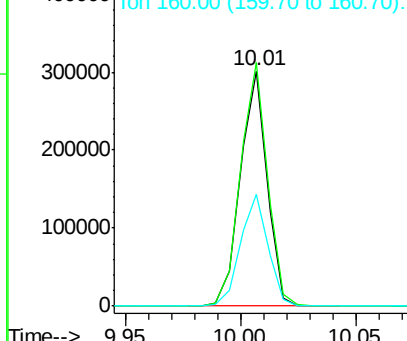


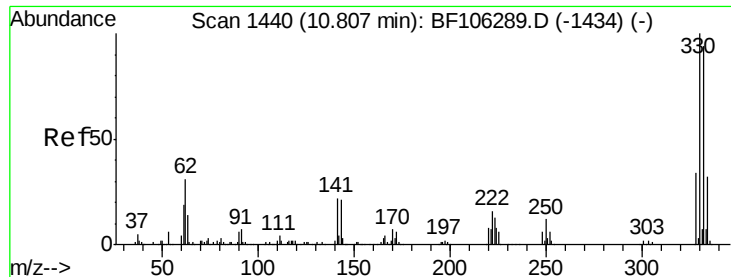
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106429.D
Acq: 14 Jun 2018 8:49

Tgt Ion:164 Resp: 242640
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 47.6 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

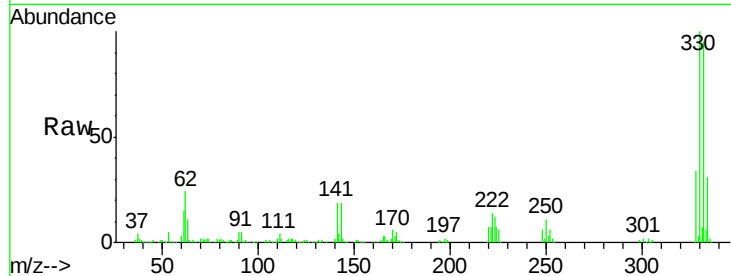




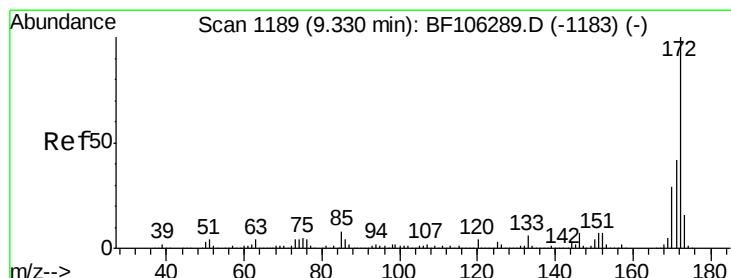
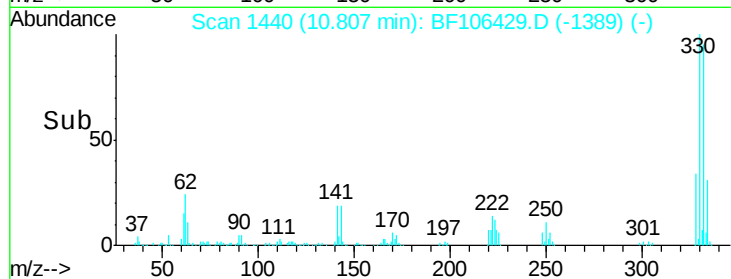
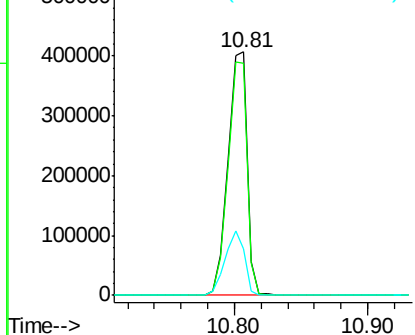
#41
 2,4,6-Tribromophenol
 Concen: 178.281 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106429.D
 Acq: 14 Jun 2018 8:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 416217
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 26.7 29.9 44.9#

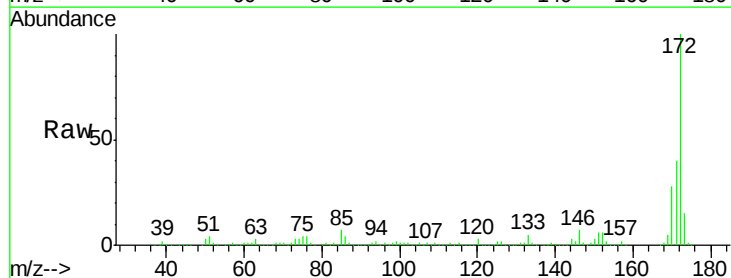


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

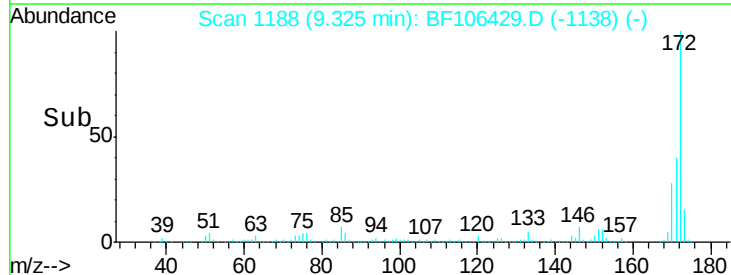
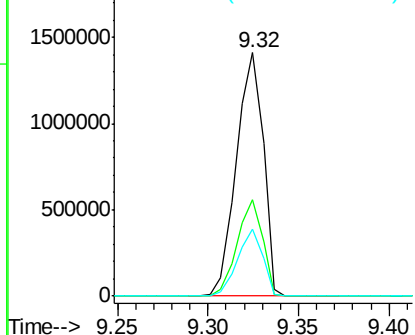


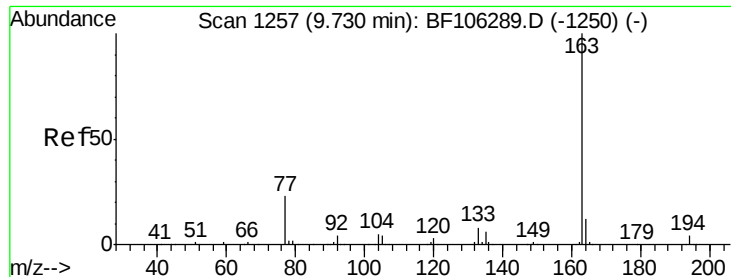
#44
 2-Fluorobiphenyl
 Concen: 120.372 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106429.D
 Acq: 14 Jun 2018 8:49

Tgt Ion:172 Resp: 1449477
 Ion Ratio Lower Upper
 172 100
 171 39.7 29.7 44.5
 170 27.6 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

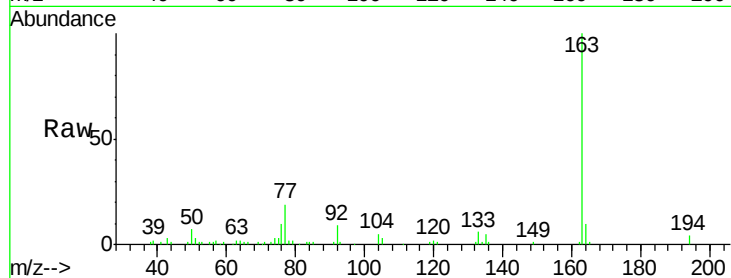




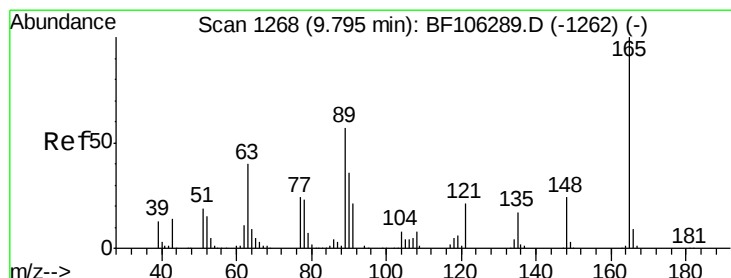
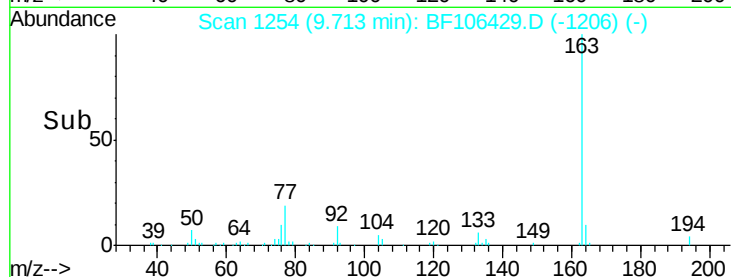
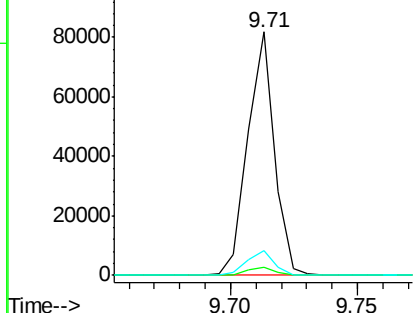
#49
Dimethylphthalate
Concen: 3.449 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106429.D
Acq: 14 Jun 2018 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 59792
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.9 8.2 12.2

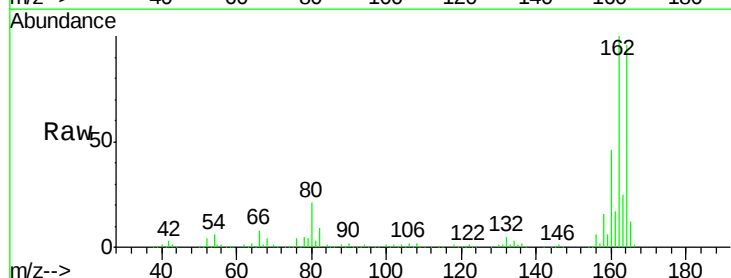


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

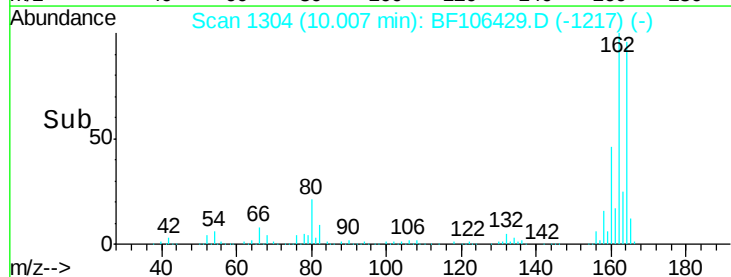
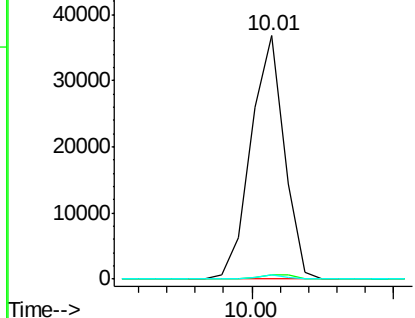


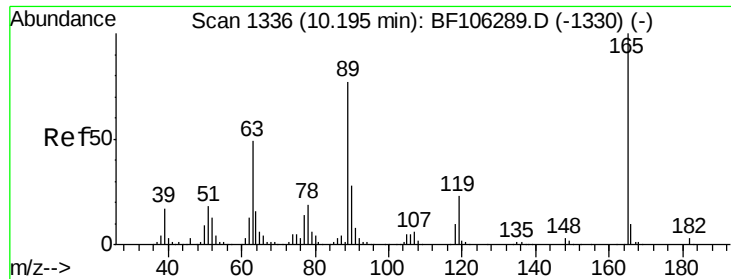
#50
2,6-Dinitrotoluene
Concen: 8.503 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF106429.D
Acq: 14 Jun 2018 8:49

Tgt Ion:165 Resp: 30111
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 1.9 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

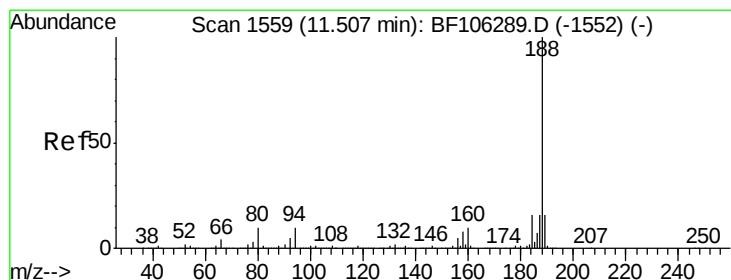
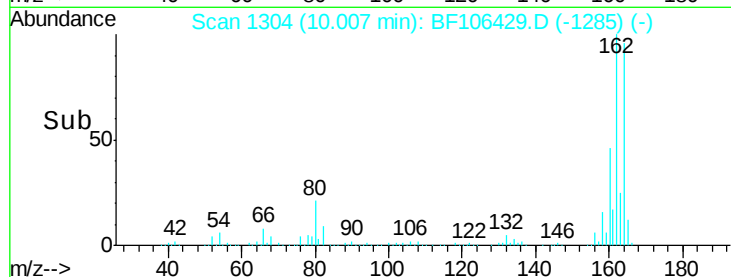
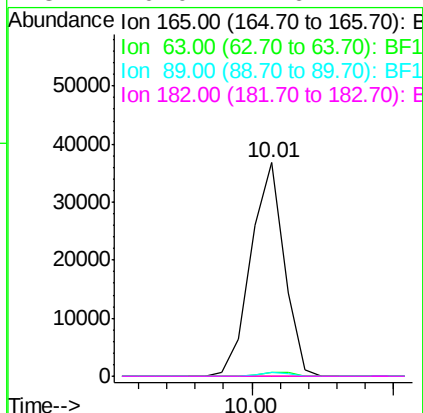
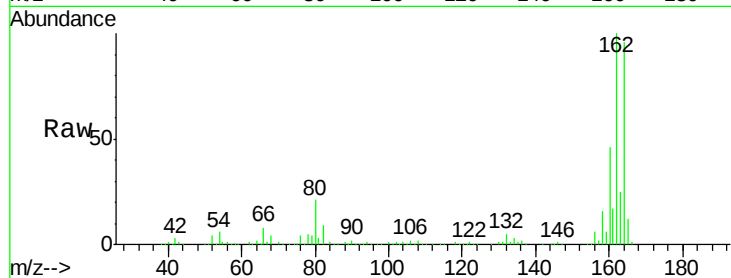




#56
2,4-Dinitrotoluene
Concen: 6.772 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106429.D
Acq: 14 Jun 2018 8:49

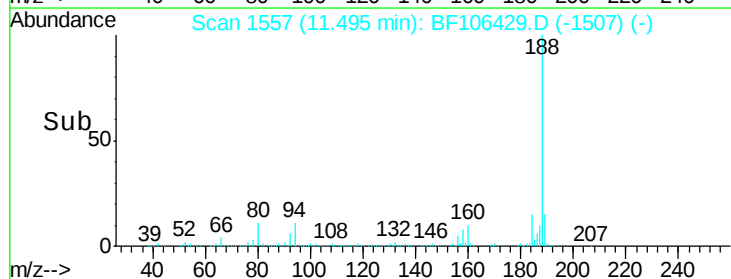
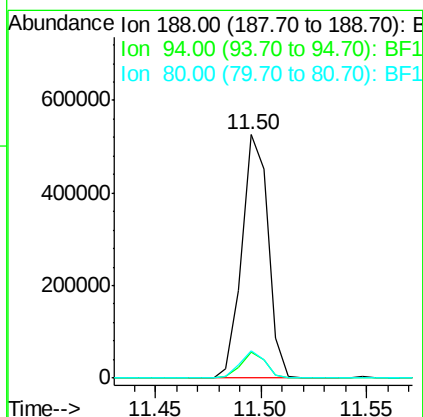
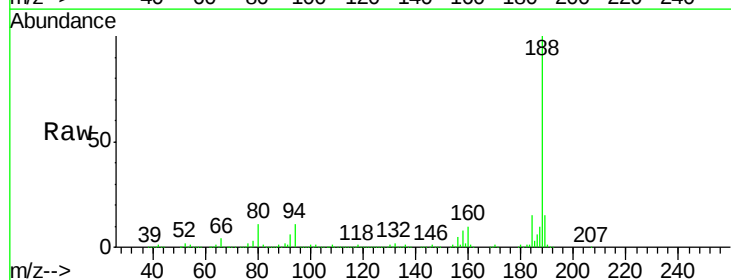
Instrument :
BNA_F
ClientSampleId :

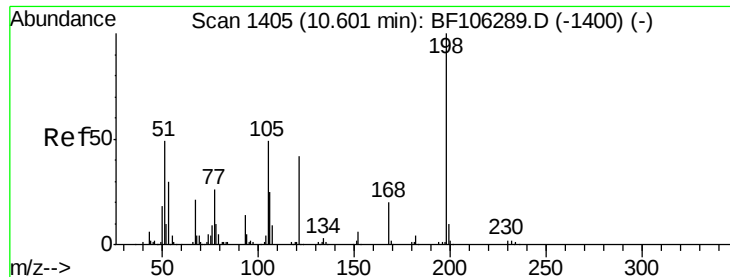
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106429.D
Acq: 14 Jun 2018 8:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.3	9.2	13.8

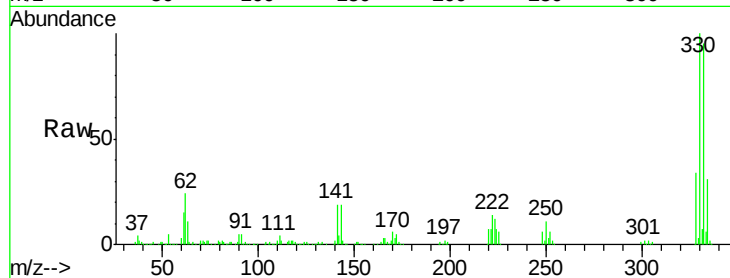




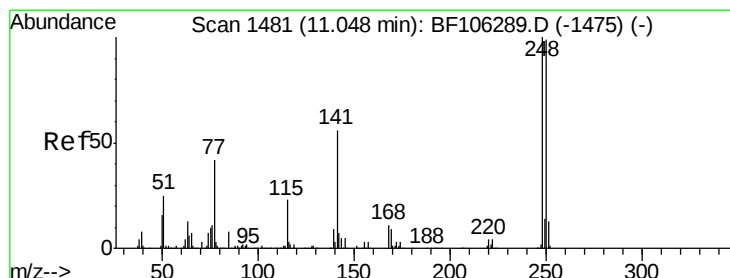
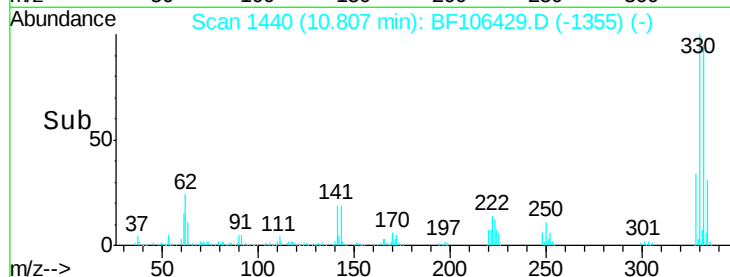
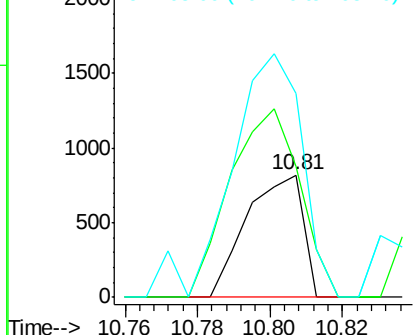
#64
4,6-Dinitro-2-methylphenol
Concen: 6.609 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.20 min
Lab File: BF106429.D
Acq: 14 Jun 2018 8:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 886
Ion Ratio Lower Upper
198 100
51 106.5 37.7 77.7#
105 166.6 36.3 76.3#

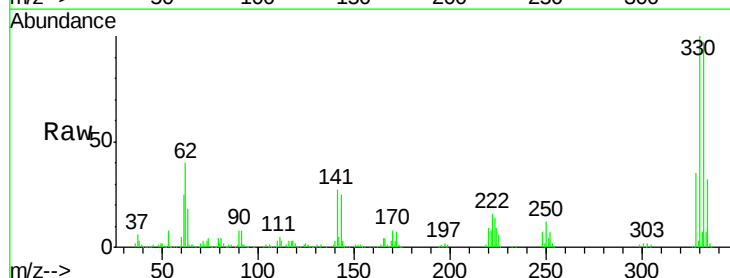


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

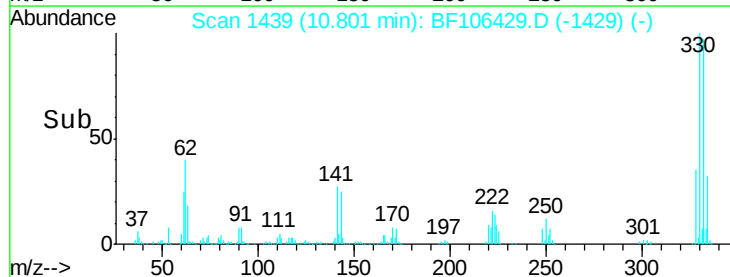
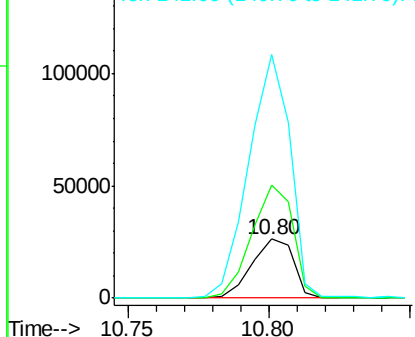


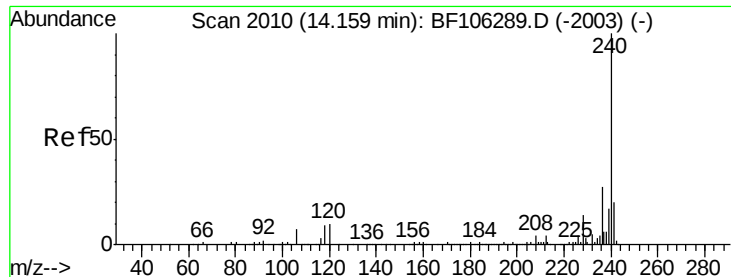
#66
4-Bromophenyl-phenylether
Concen: 5.215 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106429.D
Acq: 14 Jun 2018 8:49

Tgt Ion:248 Resp: 26928
Ion Ratio Lower Upper
248 100
250 191.1 76.9 115.3#
141 413.4 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. -0.01 min

Lab File: BF106429.D

Acq: 14 Jun 2018 8:49

Instrument :

BNA_F

ClientSampled :

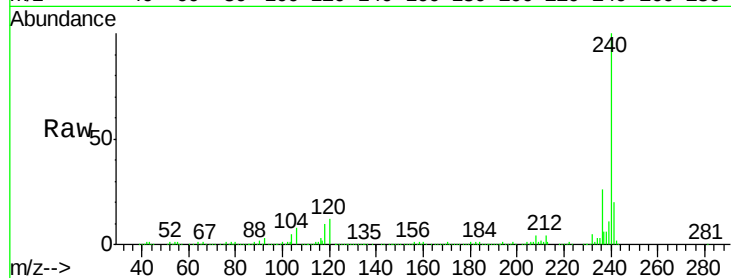
Tot Ion:240 Resp: 343777

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

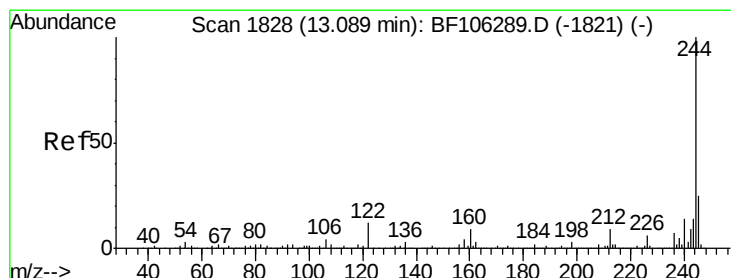
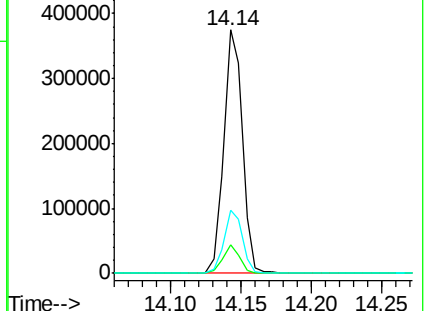
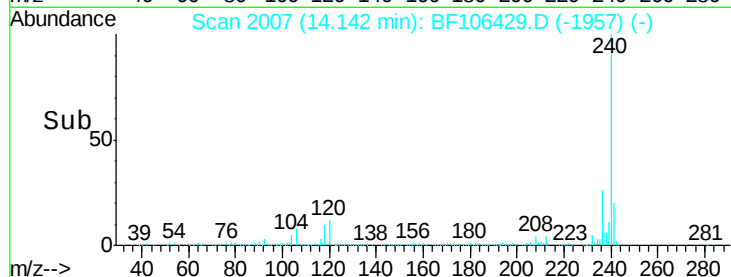
236 26.0 20.7 31.1



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: 102.865 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106429.D

Acq: 14 Jun 2018 8:49

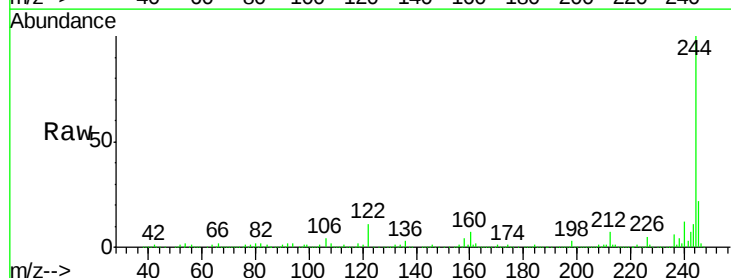
Tgt Ion:244 Resp: 1423740

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

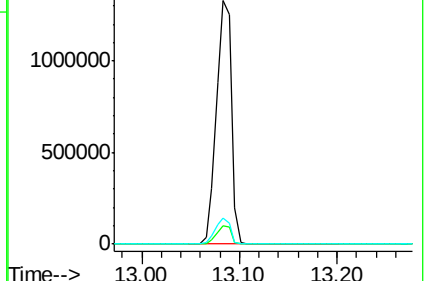
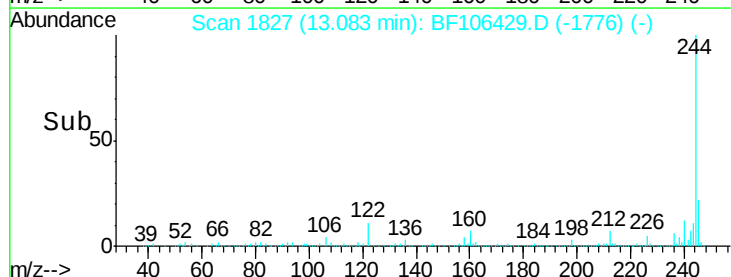
122 10.9 11.0 16.4

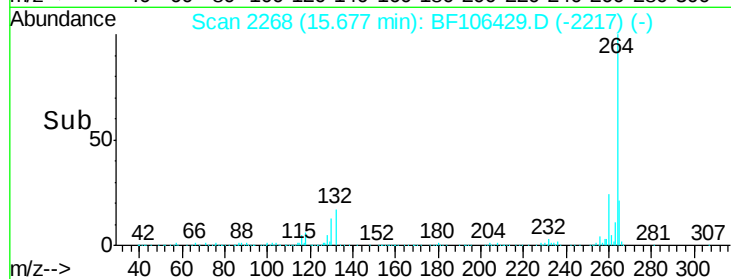
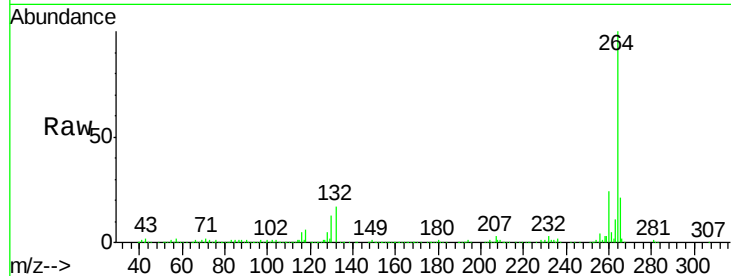
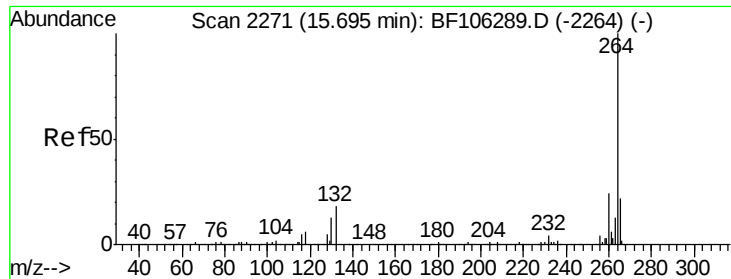


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.00 min
Lab File: BF106429.D
Acq: 14 Jun 2018 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	17.5	26.3

