

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106431.D
 Acq On : 14 Jun 2018 9:42
 Operator : JU/SJ
 Sample : J3312-07
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 11:28:32 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

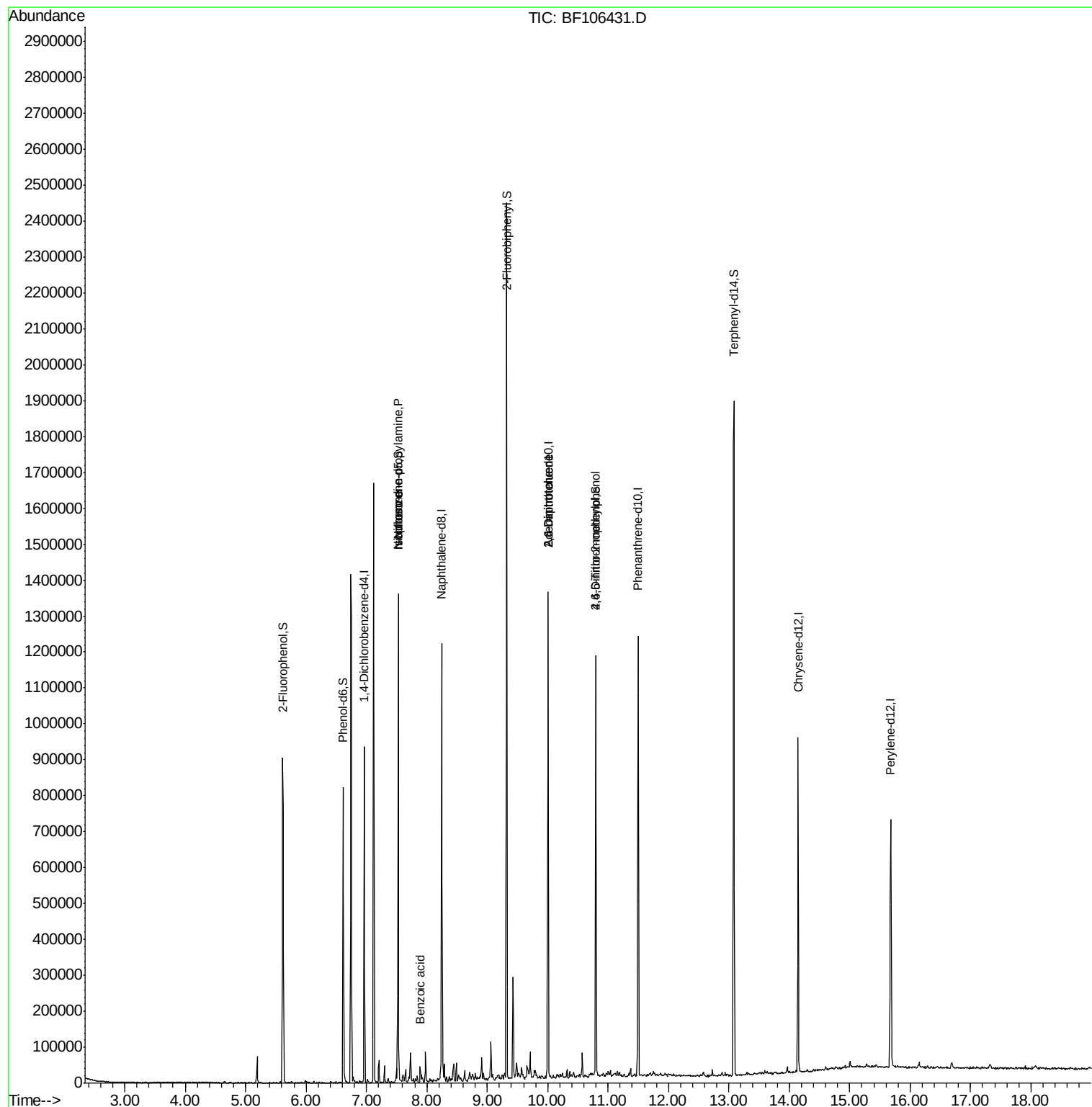
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	125496	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	492158	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	234830	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	437221	20.00	ng	0.00
75) Chrysene-d12	14.15	240	324641	20.00	ng	0.00
86) Perylene-d12	15.68	264	328000	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	259041	34.94	ng	0.00
7) Phenol-d6	6.61	99	278948	29.78	ng	0.00
23) Nitrobenzene-d5	7.52	82	388122	46.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	129075	57.13	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	720505	45.92	ng	-0.01
78) Terphenyl-d14	13.08	244	660538	50.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	51400	7.313	ng	# 75
25) Isophorone	7.52	82	385545	23.594	ng	# 64
32) Benzoic acid	7.90	122	125	7.310	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	30786	8.983	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	30786	7.154	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	169	6.357	ng	# 1

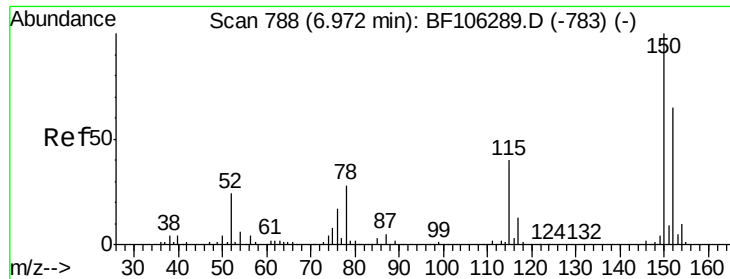
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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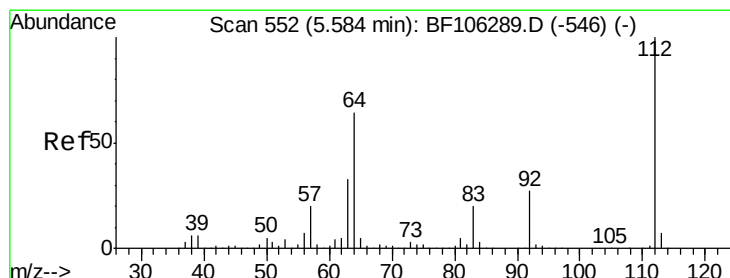
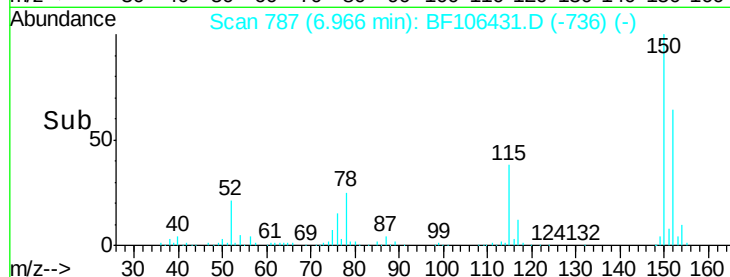
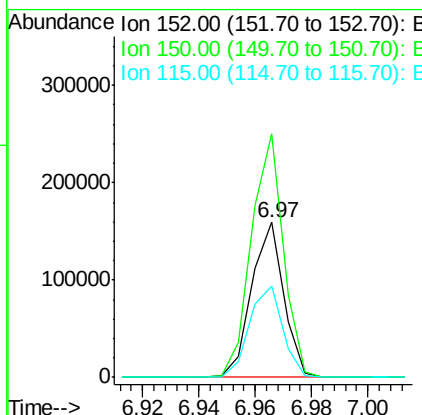
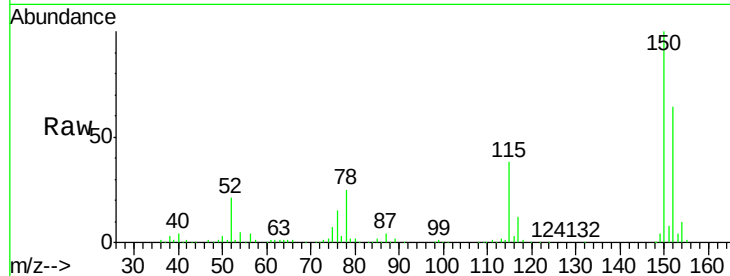


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106431.D
Acq: 14 Jun 2018 9:42

Instrument :
BNA_F
ClientSampleId :

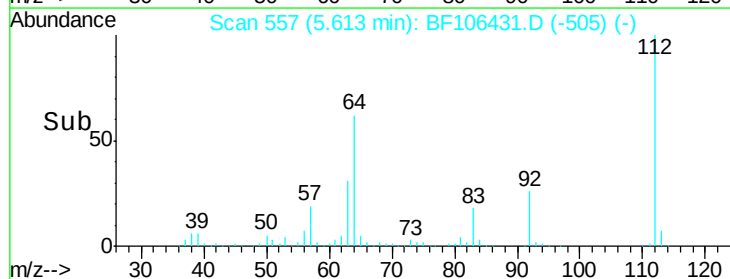
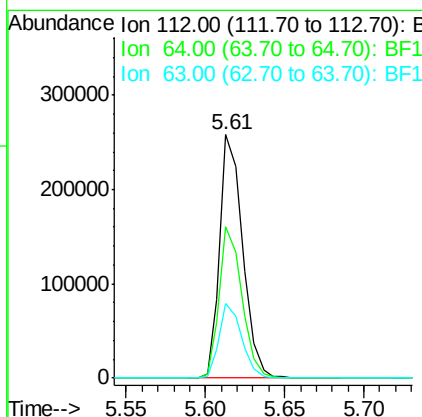
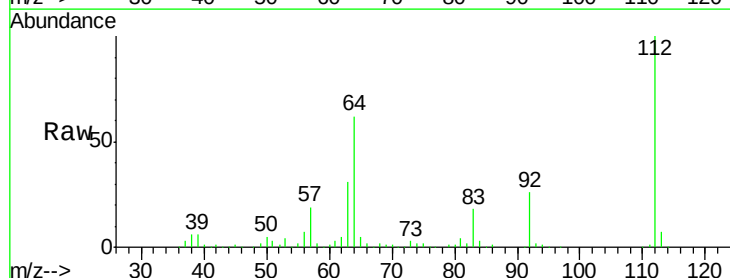
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	59.3	50.1	75.1

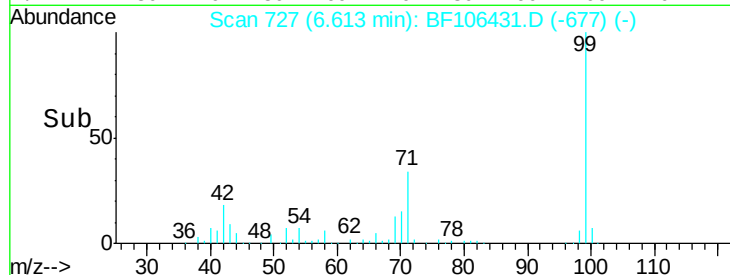
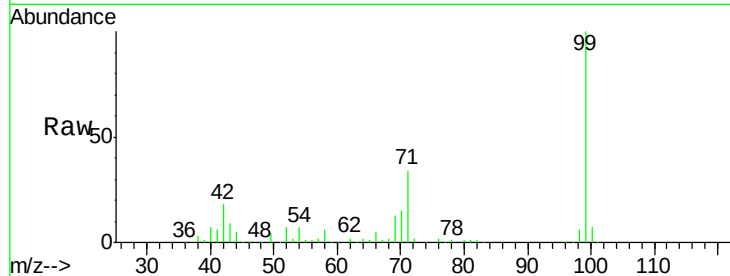
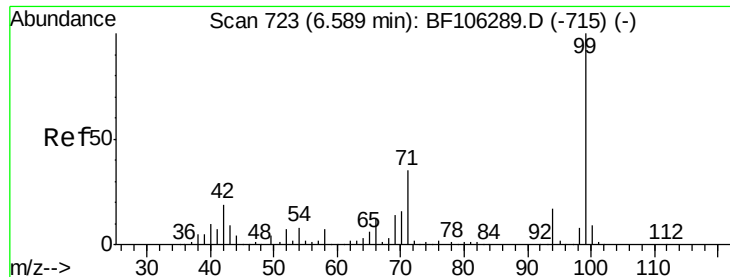


#5

2-Fluorophenol
Concen: 34.935 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106431.D
Acq: 14 Jun 2018 9:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.9	71.9
63	30.7	23.7	35.5





#7

Phenol-d6

Concen: 29.777 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106431.D

Acq: 14 Jun 2018 9:42

Instrument :

BNA_F

ClientSampleId :

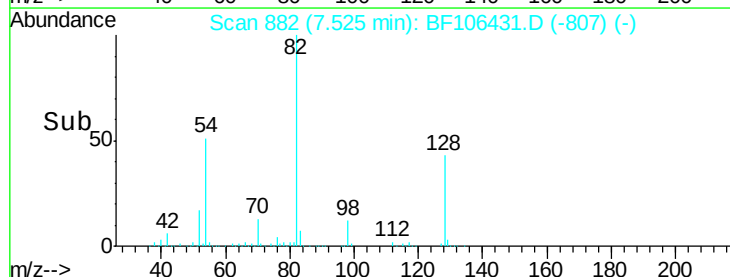
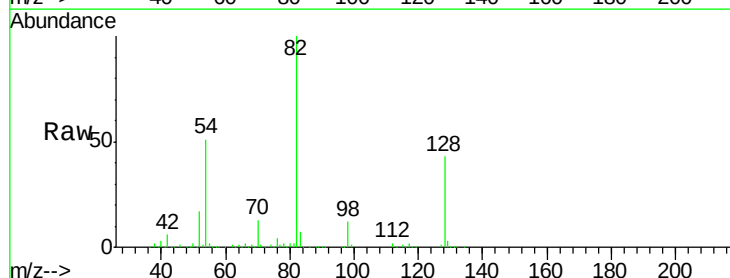
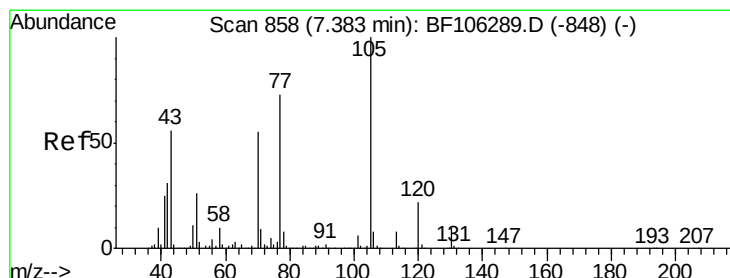
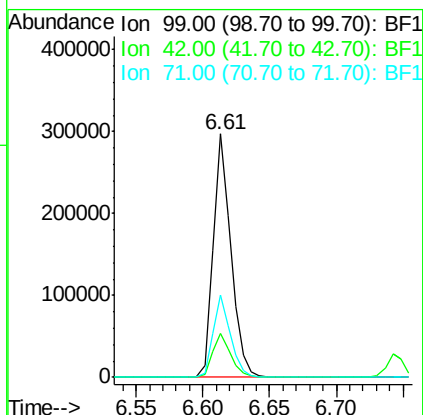
Tot Ion: 99 Resp: 278948

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

71 33.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 7.313 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106431.D

Acq: 14 Jun 2018 9:42

Tgt Ion: 70 Resp: 51400

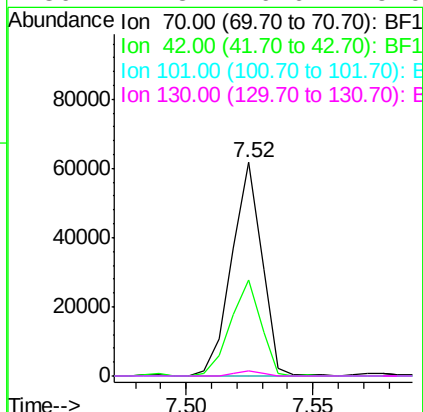
Ion Ratio Lower Upper

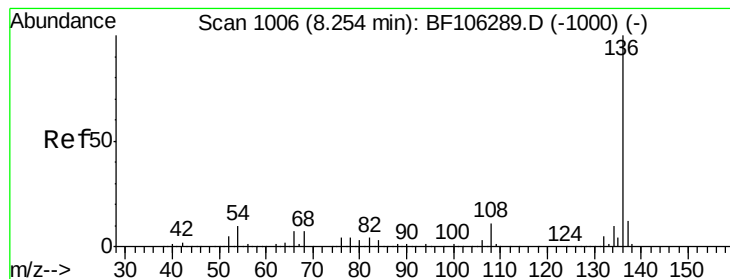
70 100

42 45.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 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: BF106431.D

Acq: 14 Jun 2018 9:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 492158

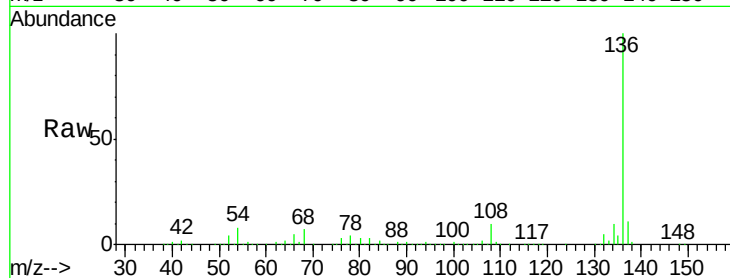
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.1 6.6 9.8

68 6.6 5.0 7.4

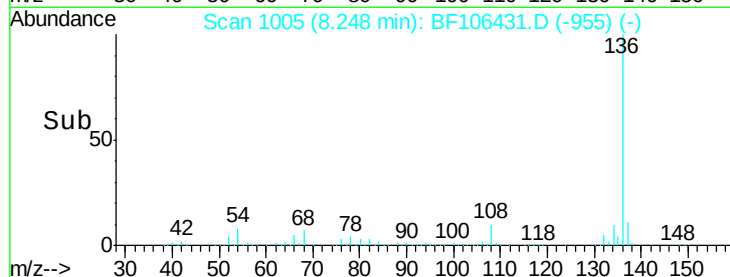


Abundance Ion 136.00 (135.70 to 136.70): E

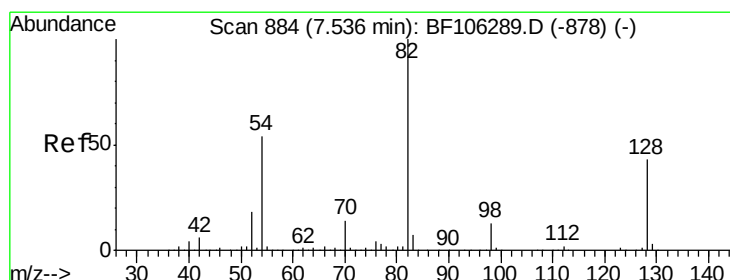
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 46.393 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106431.D

Acq: 14 Jun 2018 9:42

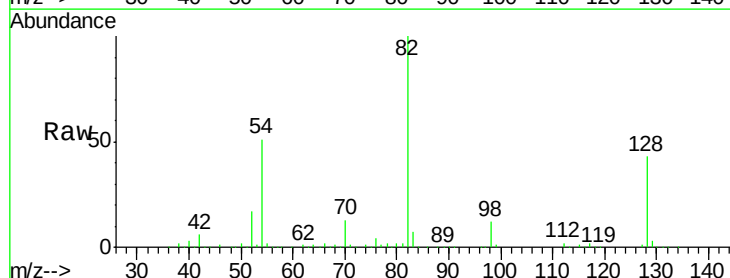
Tgt Ion: 82 Resp: 388122

Ion Ratio Lower Upper

82 100

128 42.8 36.1 54.1

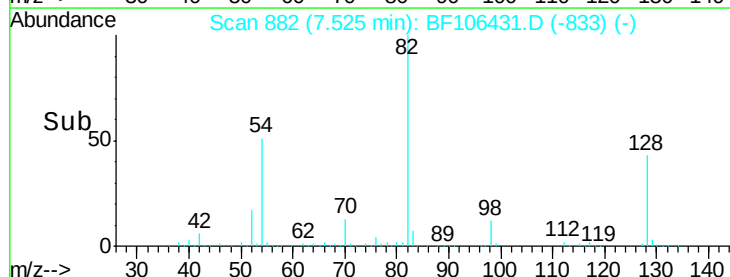
54 51.0 41.4 62.2



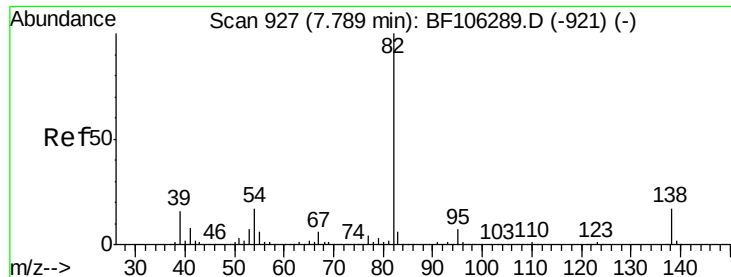
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->



#25

Isophorone

Concen: 23.594 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106431.D

Acq: 14 Jun 2018 9:42

Instrument :

BNA_F

ClientSampleId :

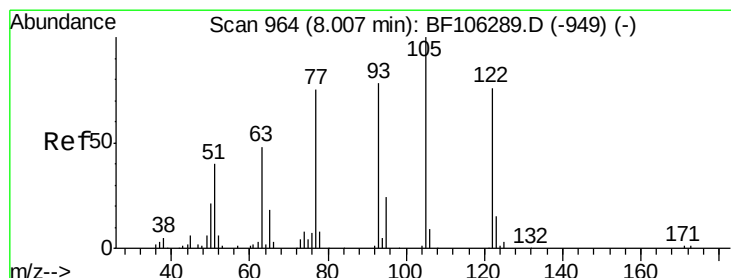
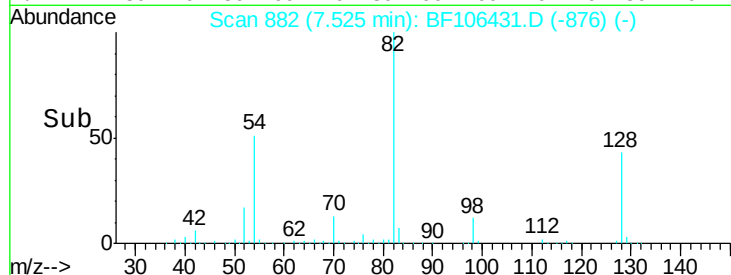
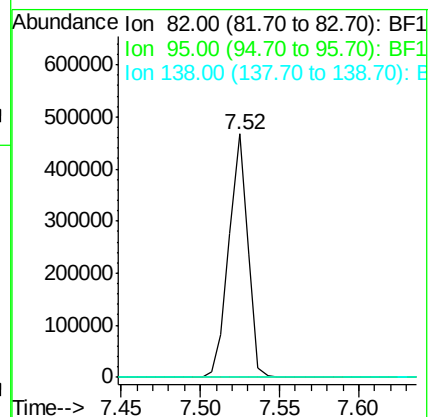
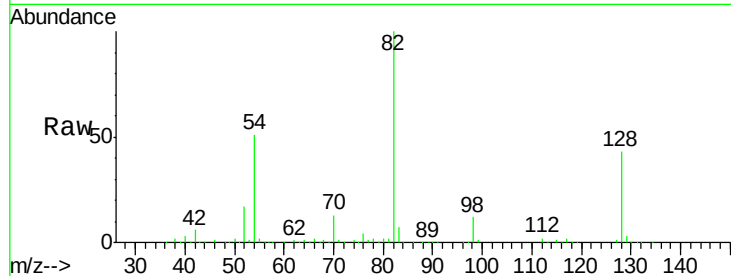
Tot Ion: 82 Resp: 385545

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#32

Benzoic acid

Concen: 7.310 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.14 min

Lab File: BF106431.D

Acq: 14 Jun 2018 9:42

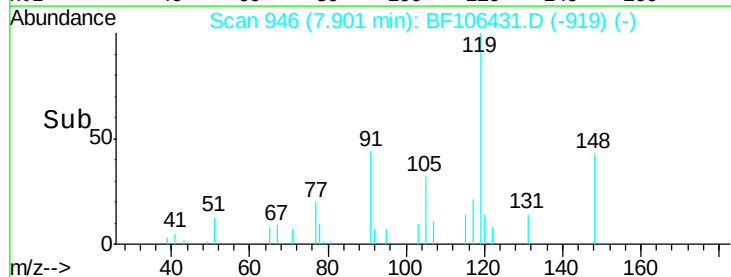
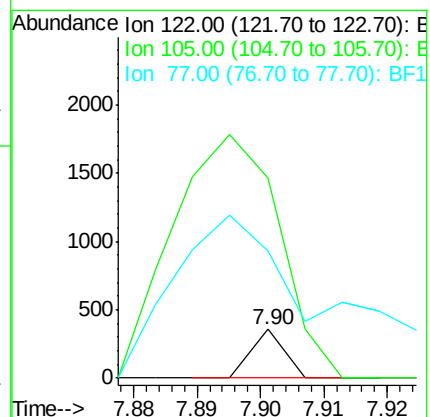
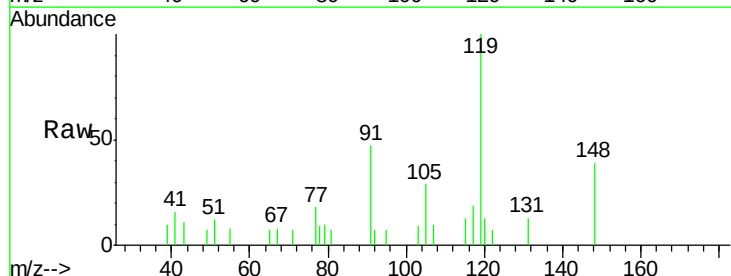
Tgt Ion: 122 Resp: 125

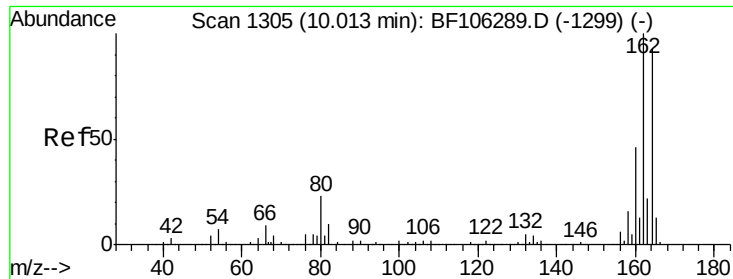
Ion Ratio Lower Upper

122 100

105 413.0 101.1 141.1#

77 261.1 70.7 110.7#

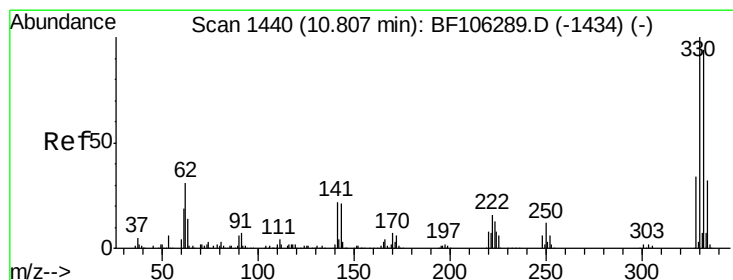
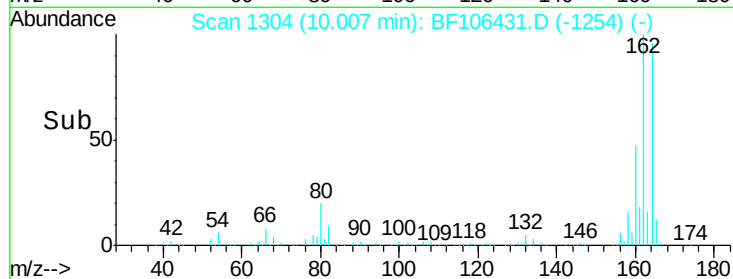
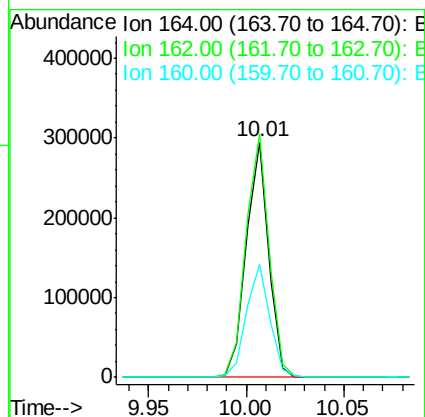
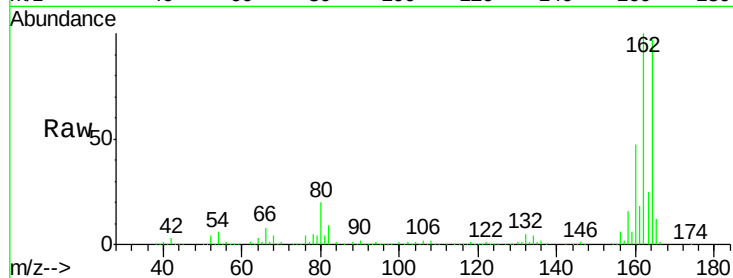




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106431.D
Acq: 14 Jun 2018 9:42

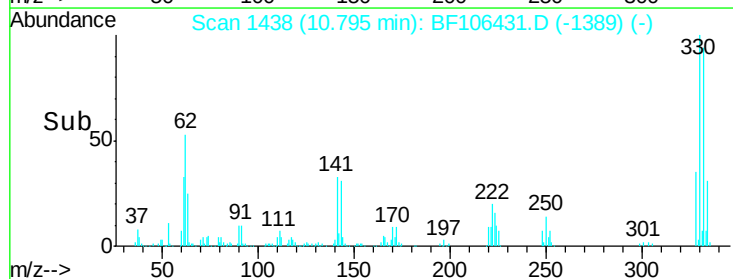
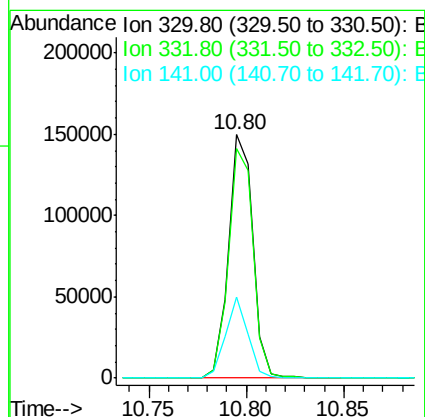
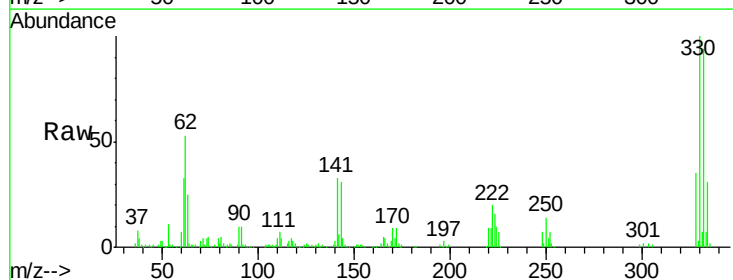
Instrument :
BNA_F
ClientSampleId :

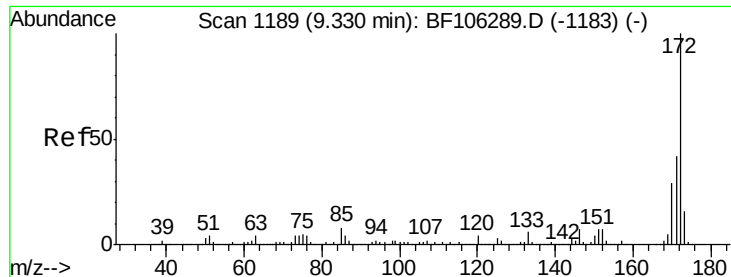
Tot Ion:164 Resp: 234830
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 48.2 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 57.126 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106431.D
Acq: 14 Jun 2018 9:42

Tgt Ion:330 Resp: 129075
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 30.5 29.9 44.9

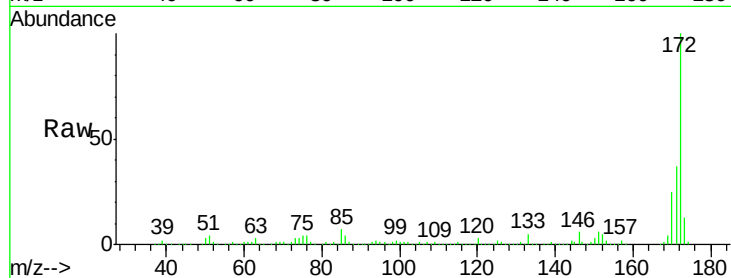




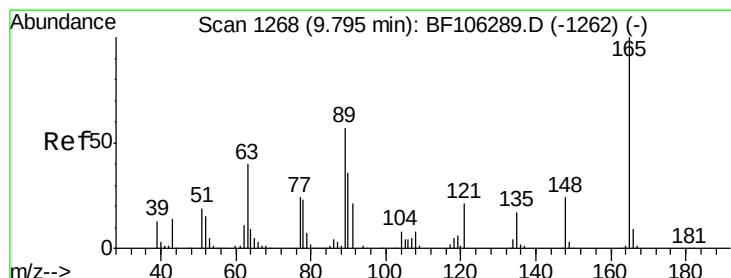
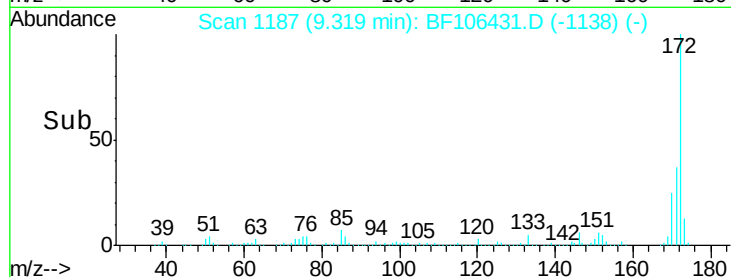
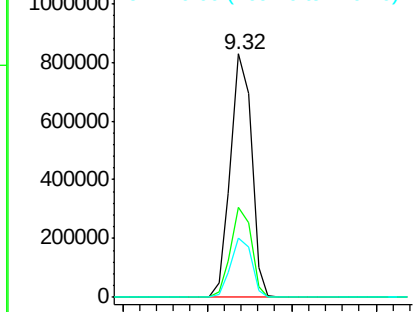
#44
 2-Fluorobiphenyl
 Concen: 45.920 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106431.D
 Acq: 14 Jun 2018 9:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 720505
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.6 19.6 29.4

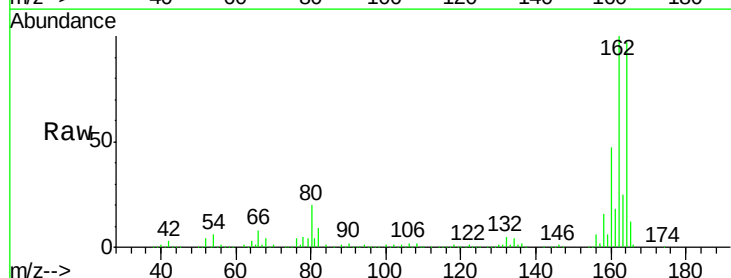


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

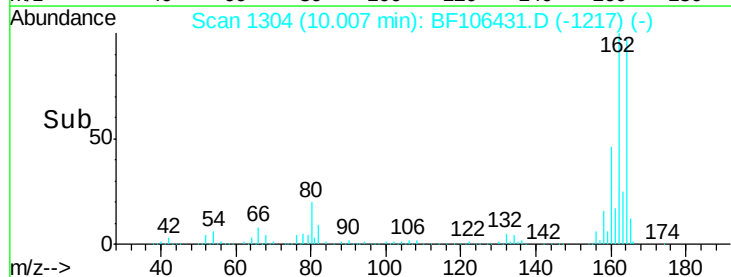
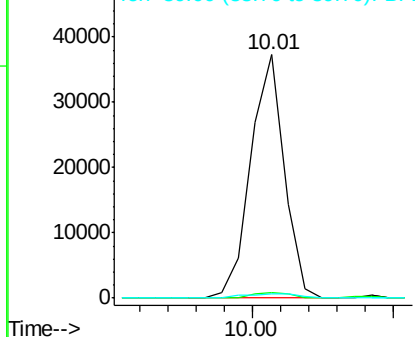


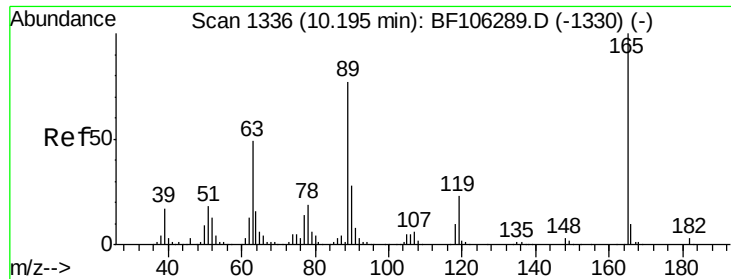
#50
 2,6-Dinitrotoluene
 Concen: 8.983 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF106431.D
 Acq: 14 Jun 2018 9:42

Tgt Ion:165 Resp: 30786
 Ion Ratio Lower Upper
 165 100
 63 2.0 44.7 67.1#
 89 1.6 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

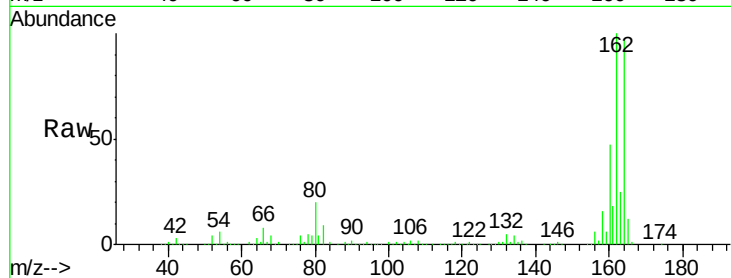




#56
2,4-Dinitrotoluene
Concen: 7.154 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106431.D
Acq: 14 Jun 2018 9:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

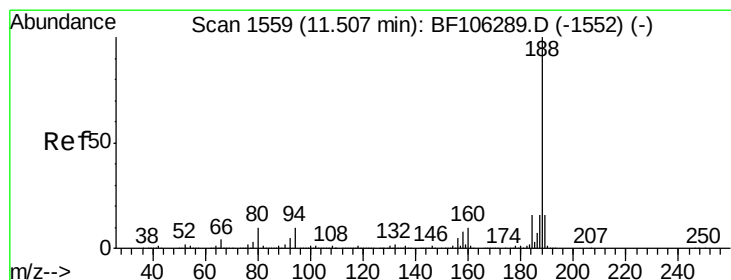
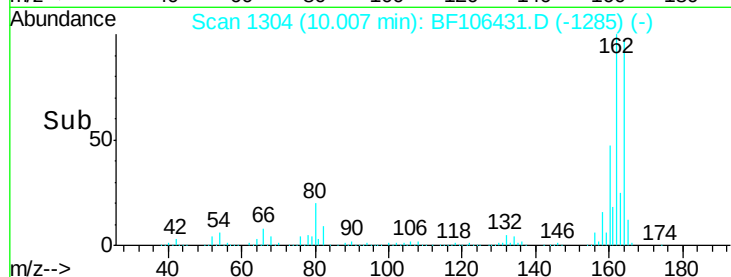
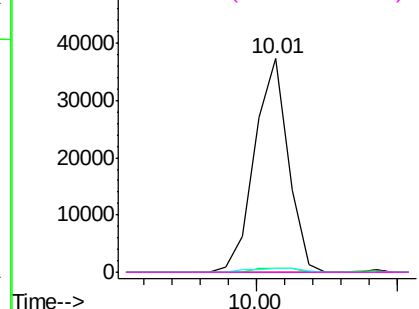


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

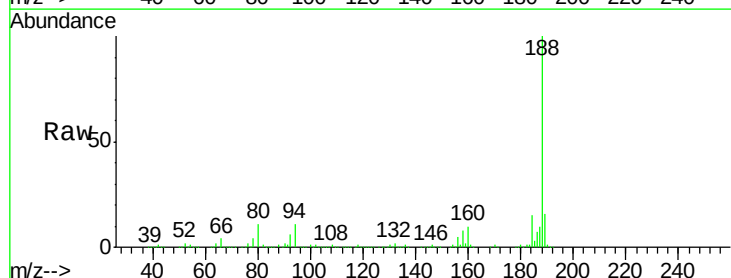
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106431.D
Acq: 14 Jun 2018 9:42

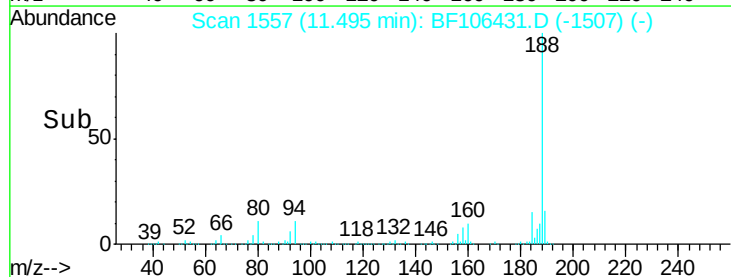
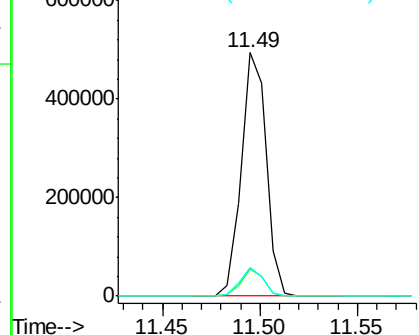
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.5	9.2	13.8

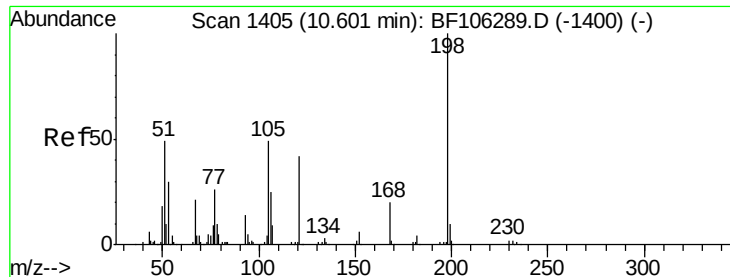


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

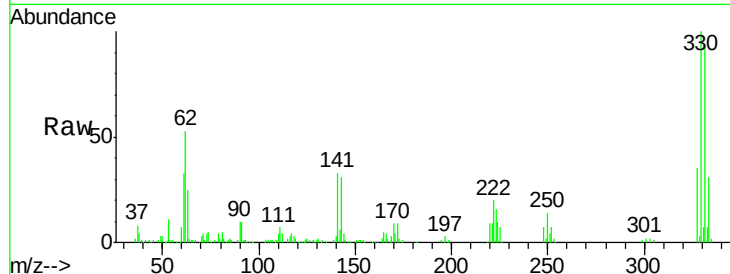




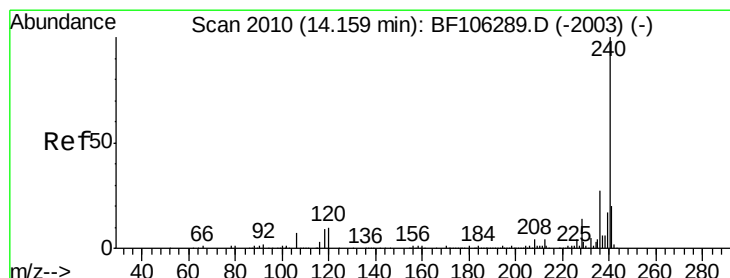
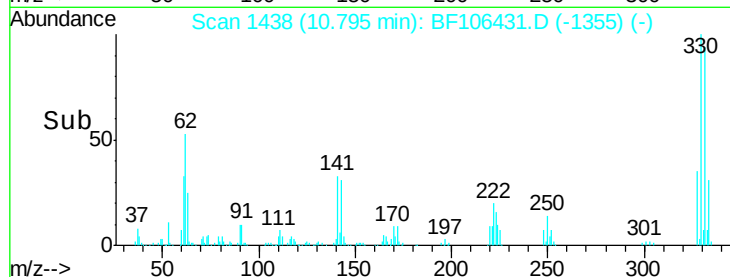
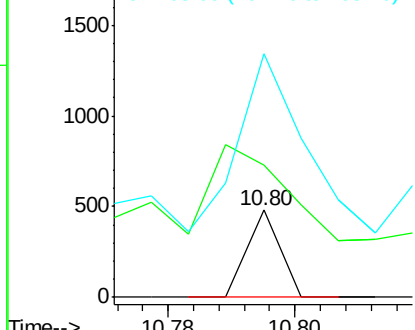
#64
4,6-Dinitro-2-methylphenol
Concen: 6.357 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF106431.D
Acq: 14 Jun 2018 9:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 169
Ion Ratio Lower Upper
198 100
51 151.9 37.7 77.7#
105 279.6 36.3 76.3#

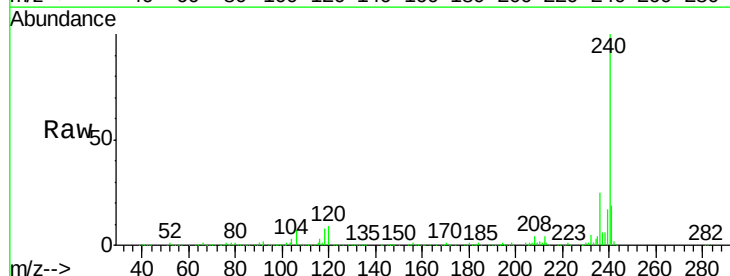


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

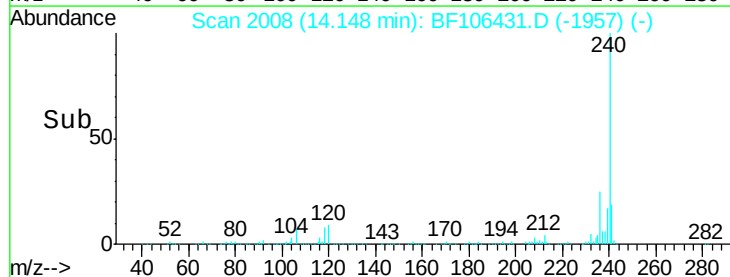
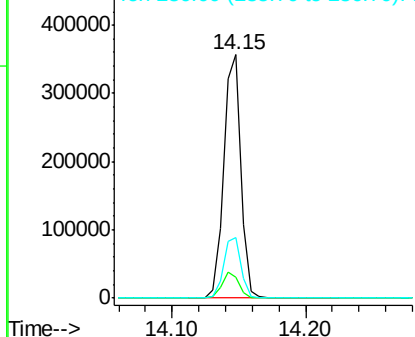


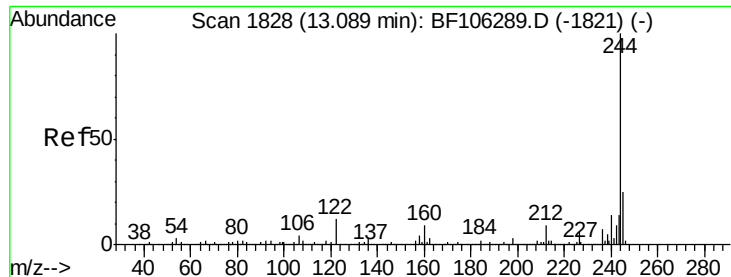
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF106431.D
Acq: 14 Jun 2018 9:42

Tgt Ion:240 Resp: 324641
Ion Ratio Lower Upper
240 100
120 8.8 9.5 14.3#
236 25.0 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: 50.537 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF106431.D

Acq: 14 Jun 2018 9:42

Instrument :

BNA_F

ClientSampleId :

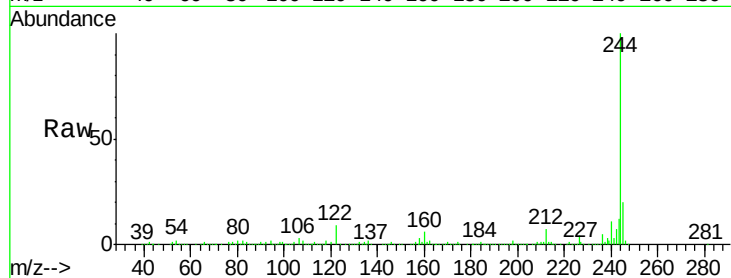
Tot Ion:244 Resp: 660538

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

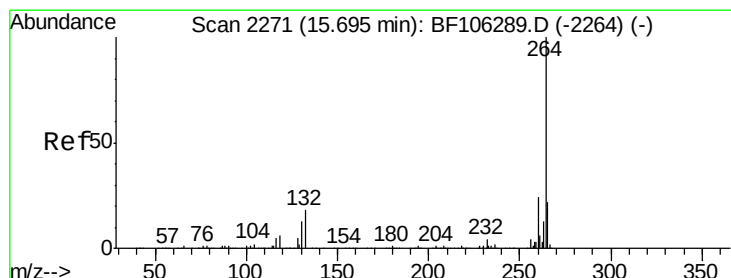
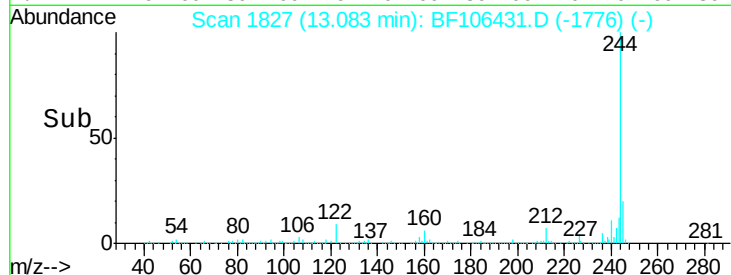
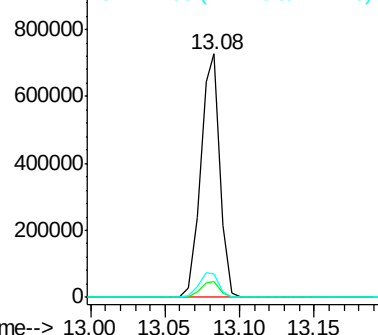
122 9.4 11.0 16.4#



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: 15.68 min Scan# 2268

Delta R.T. -0.00 min

Lab File: BF106431.D

Acq: 14 Jun 2018 9:42

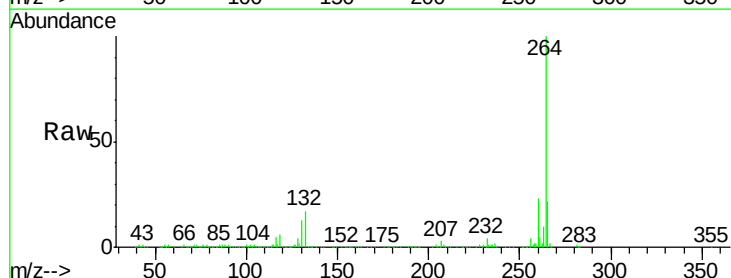
Tgt Ion:264 Resp: 328000

Ion Ratio Lower Upper

264 100

260 23.5 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

