

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106428.D
 Acq On : 14 Jun 2018 8:23
 Operator : JU/SJ
 Sample : J3401-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 11:28:00 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

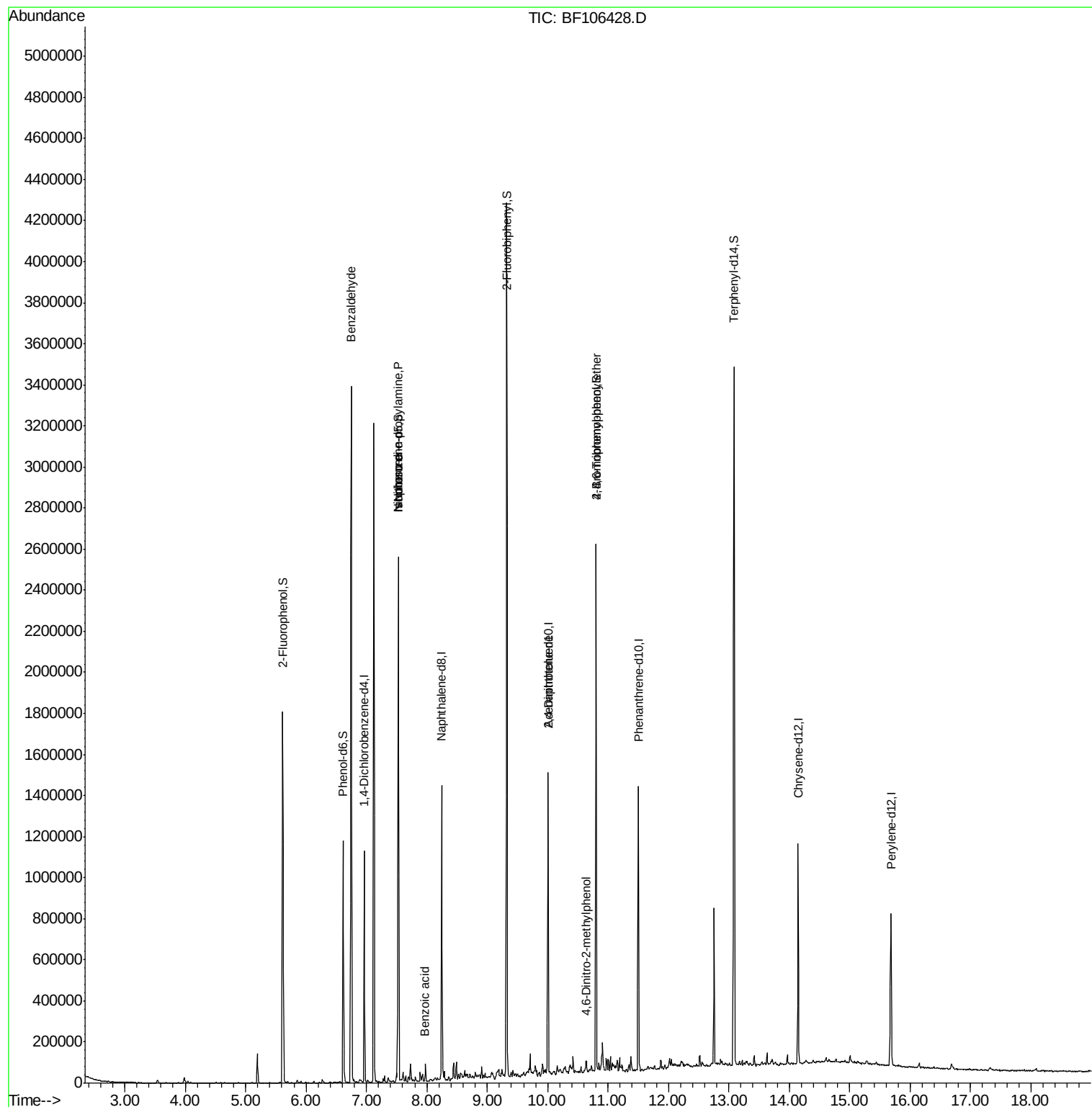
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147949	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	555537	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	269798	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	496162	20.00	ng	0.00
75) Chrysene-d12	14.15	240	368692	20.00	ng	0.00
86) Perylene-d12	15.68	264	355051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	541269	61.92	ng	0.00
7) Phenol-d6	6.61	99	438190	39.68	ng	0.00
23) Nitrobenzene-d5	7.53	82	896375	94.92	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	389660	150.10	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1420363	98.03	ng	0.00
78) Terphenyl-d14	13.09	244	1341225	90.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	20622	2.462	ng	# 81
19) n-Nitroso-di-n-propylamine	7.53	70	123593	14.917	ng	# 76
25) Isophorone	7.53	82	896364	48.597	ng	# 64
32) Benzoic acid	7.95	122	339	7.339	ng	# 94
56) 2,4-Dinitrotoluene	10.01	165	35447	7.169	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.64	198	350	6.408	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	25608	4.538	ng	# 1

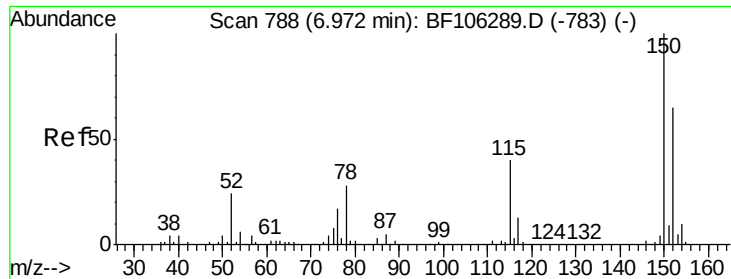
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



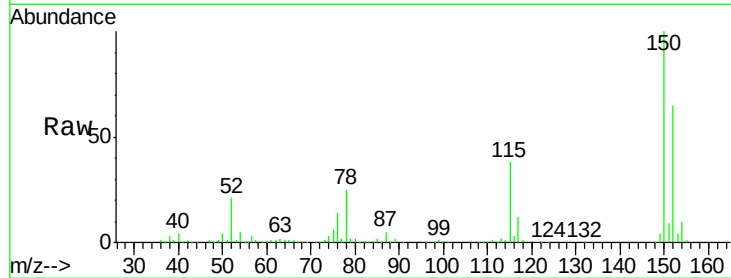


#1

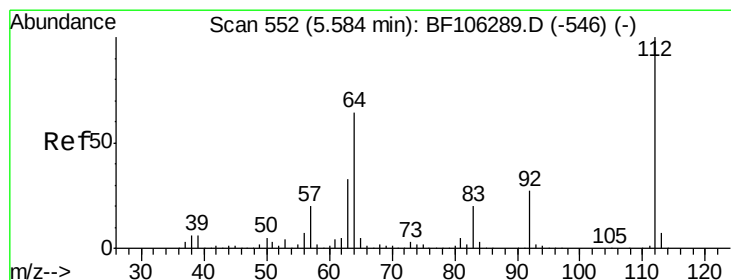
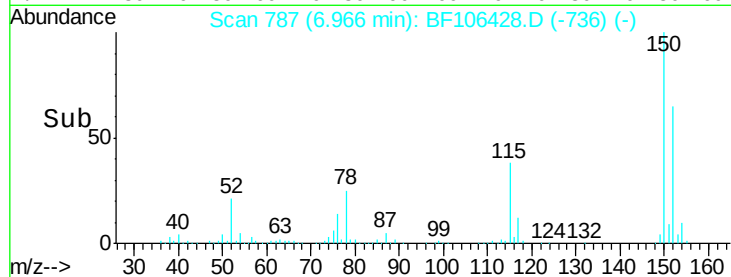
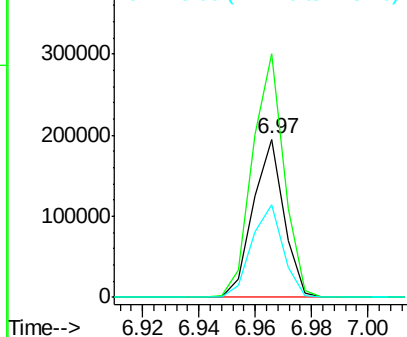
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106428.D
Acq: 14 Jun 2018 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147949
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 58.3 50.1 75.1



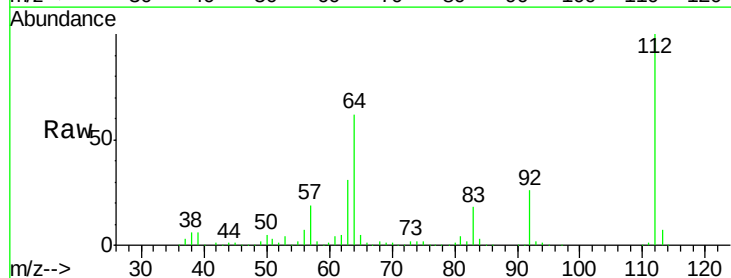
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



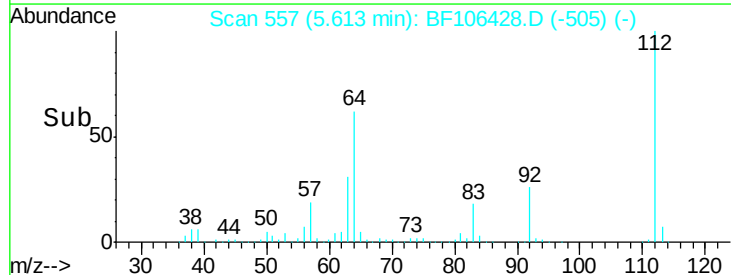
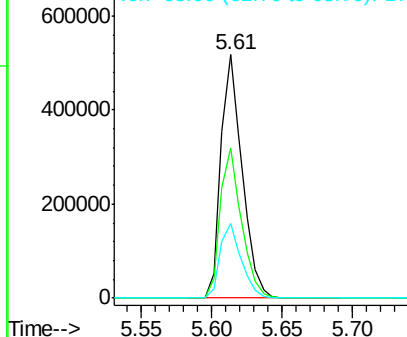
#5

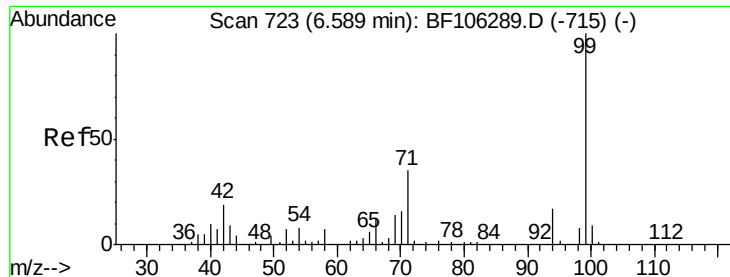
2-Fluorophenol
Concen: 61.920 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106428.D
Acq: 14 Jun 2018 8:23

Tgt Ion:112 Resp: 541269
Ion Ratio Lower Upper
112 100
64 61.6 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: 39.677 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106428.D

Acq: 14 Jun 2018 8:23

Instrument :

BNA_F

ClientSampled :

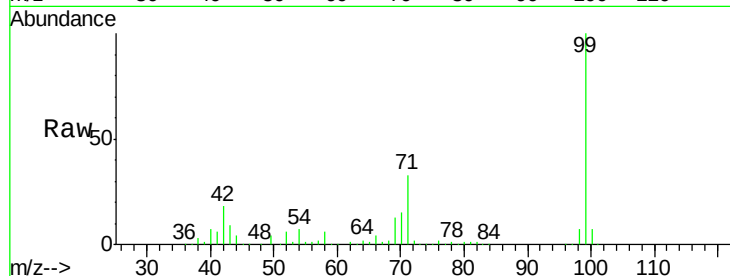
Tot Ion: 99 Resp: 438190

Ion Ratio Lower Upper

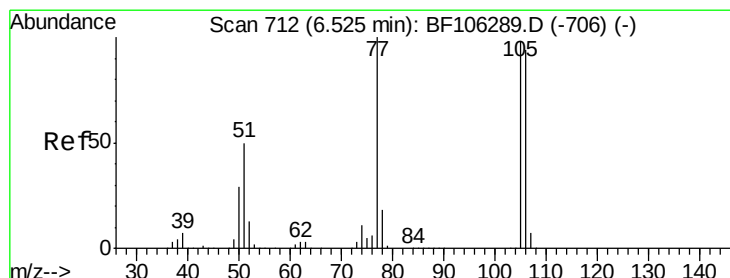
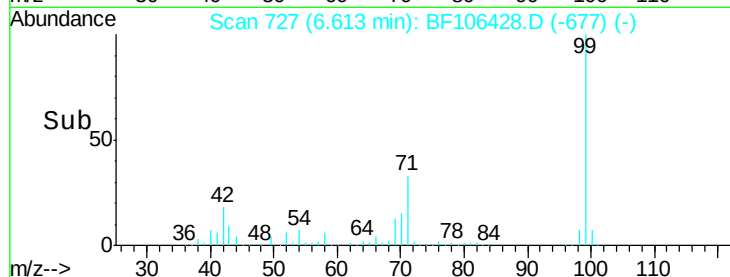
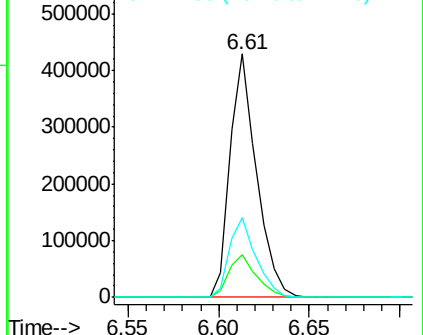
99 100

42 17.7 14.5 21.7

71 32.8 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: 2.462 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106428.D

Acq: 14 Jun 2018 8:23

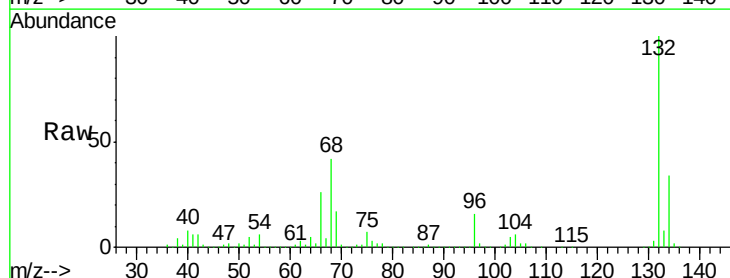
Tgt Ion: 77 Resp: 20622

Ion Ratio Lower Upper

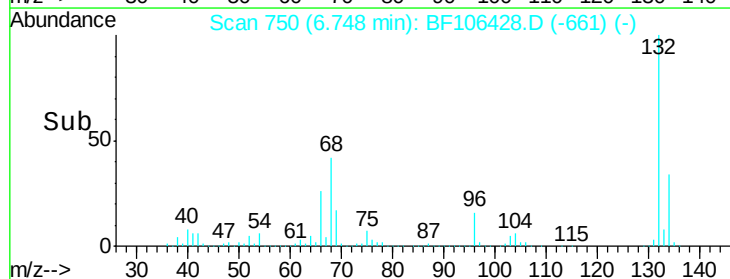
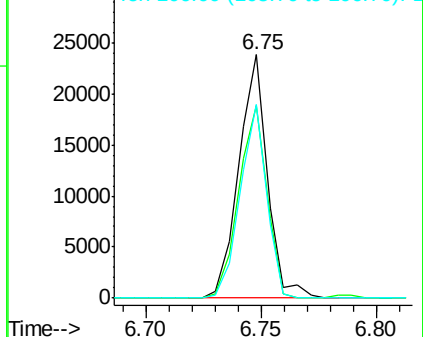
77 100

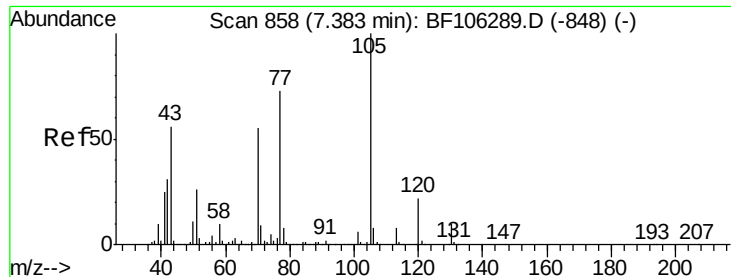
105 79.0 81.1 121.1#

106 79.5 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

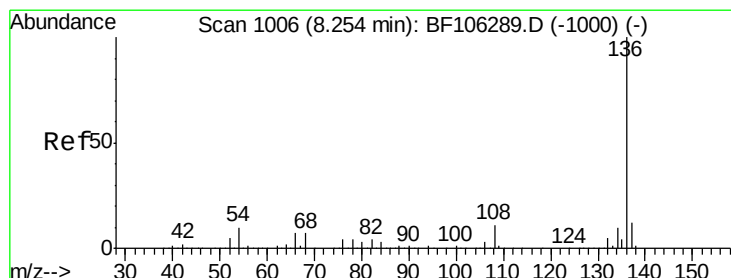
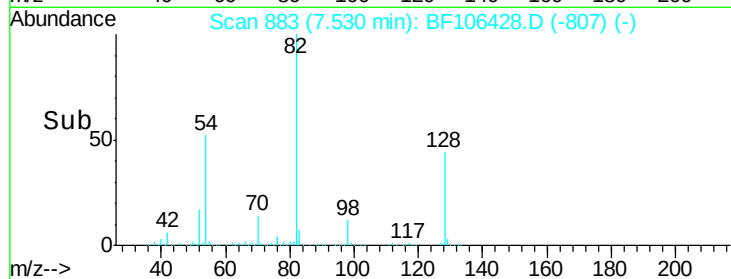
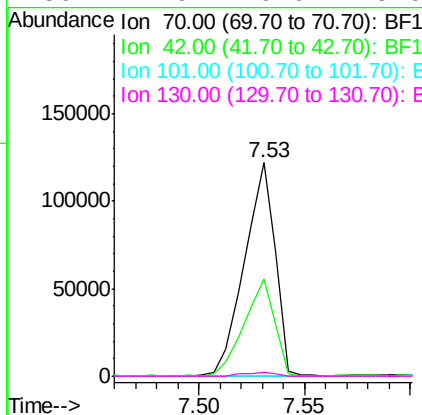
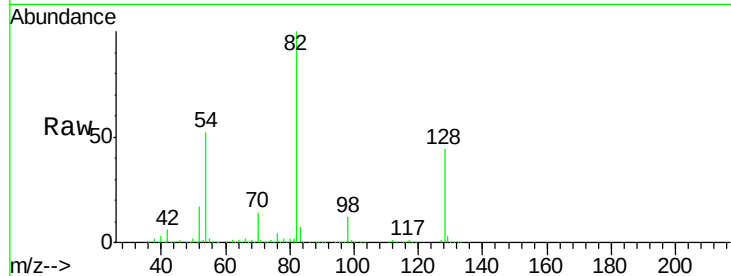




#19
n-Nitroso-di-n-propylamine
Concen: 14.917 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106428.D
Acq: 14 Jun 2018 8:23

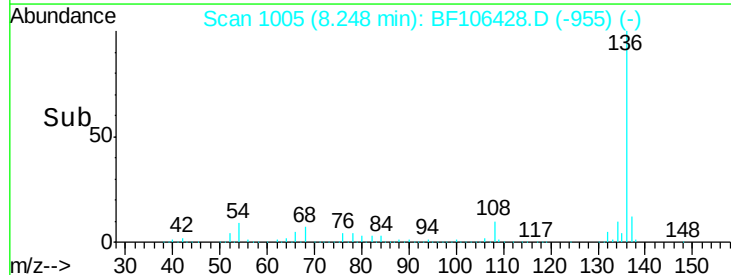
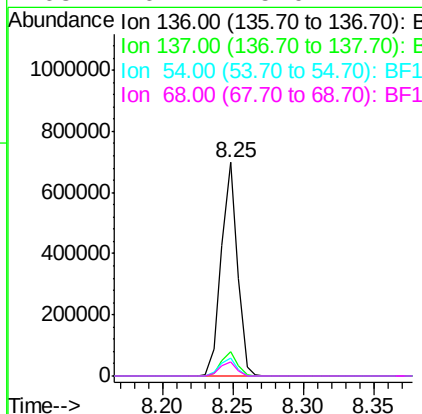
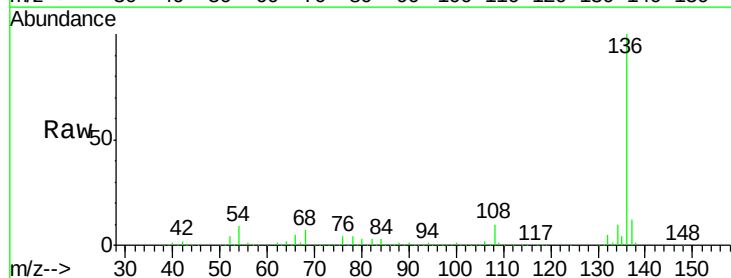
Instrument :
BNA_F
ClientSampleId :

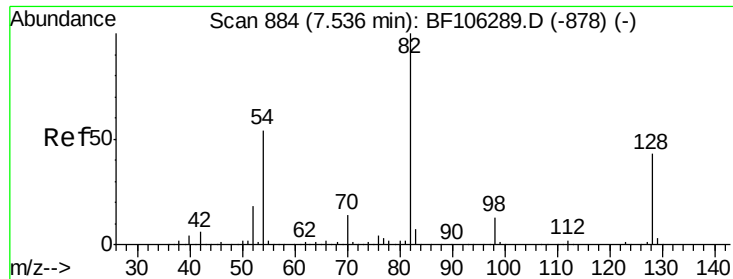
Tot Ion: 70 Resp: 123593
Ion Ratio Lower Upper
70 100
42 45.5 47.5 71.3#
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106428.D
Acq: 14 Jun 2018 8:23

Tgt Ion:136 Resp: 555537
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.5 6.6 9.8
68 6.7 5.0 7.4

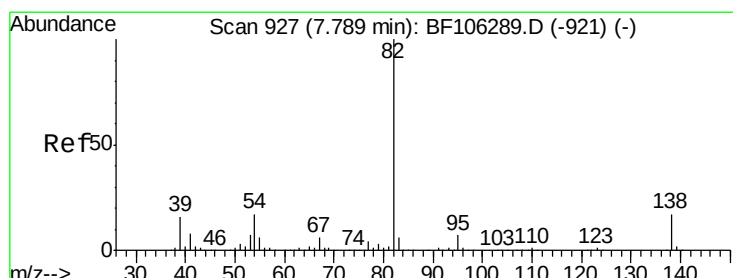
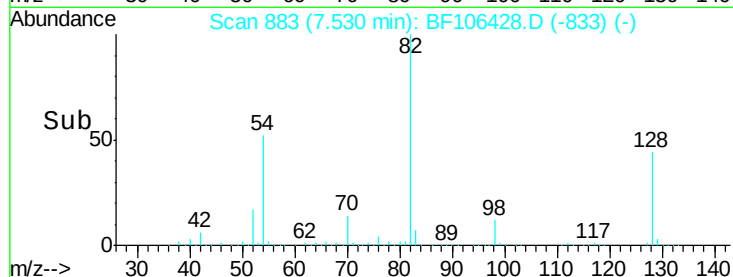
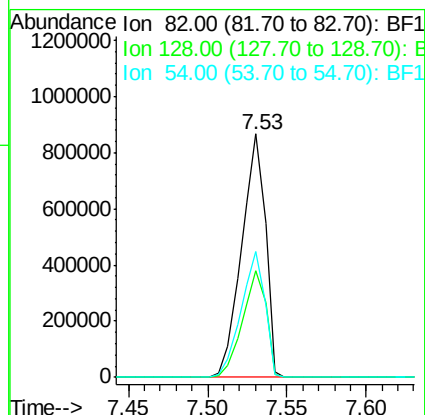
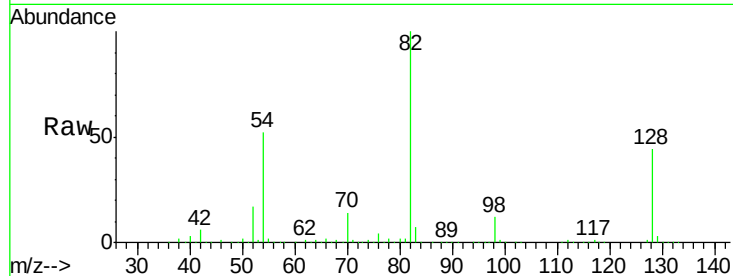




#23
Nitrobenzene-d5
Concen: 94.921 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106428.D
Acq: 14 Jun 2018 8:23

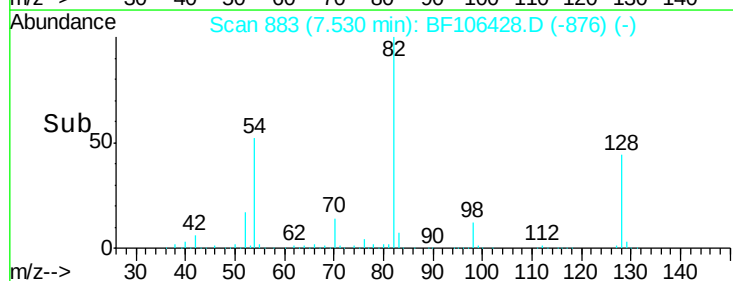
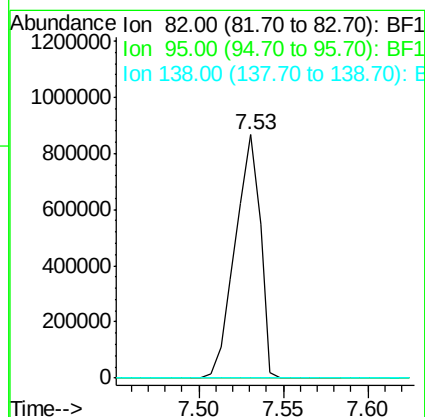
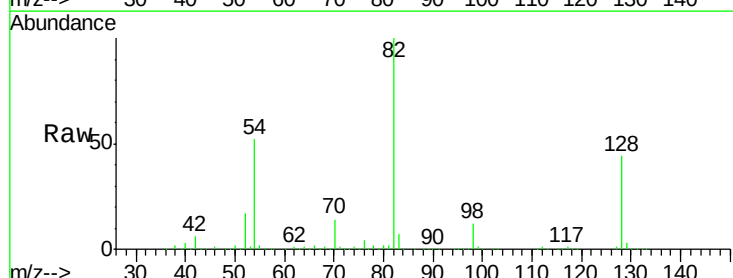
Instrument :
BNA_F
ClientSampleId :

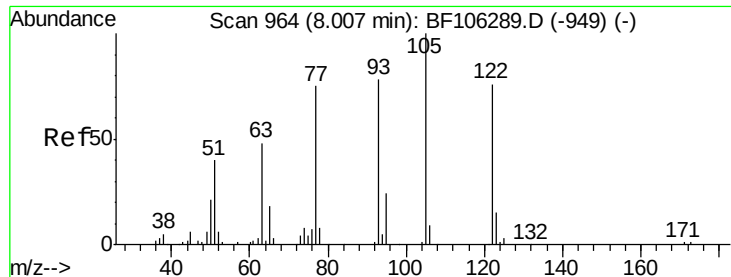
Tot Ion: 82 Resp: 896375
Ion Ratio Lower Upper
82 100
128 43.9 36.1 54.1
54 51.7 41.4 62.2



#25
Isophorone
Concen: 48.597 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106428.D
Acq: 14 Jun 2018 8:23

Tgt Ion: 82 Resp: 896364
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

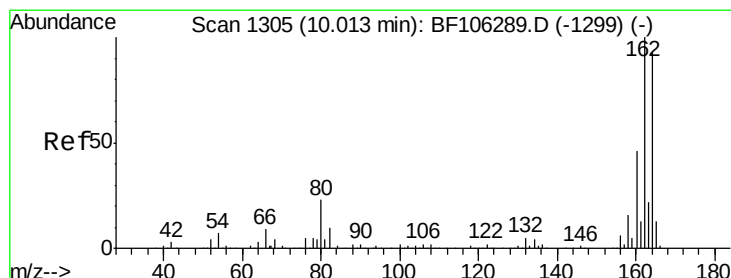
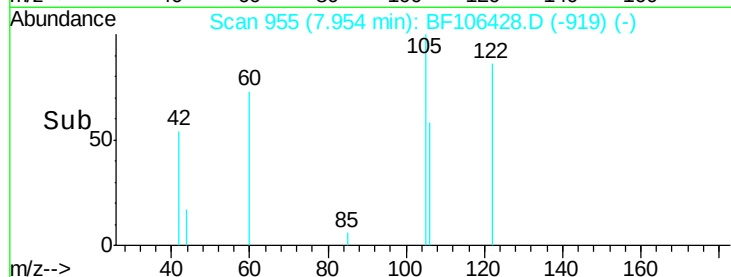
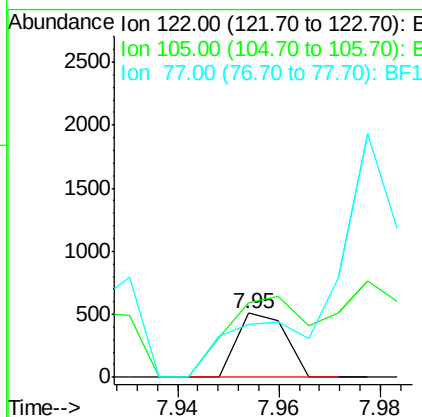
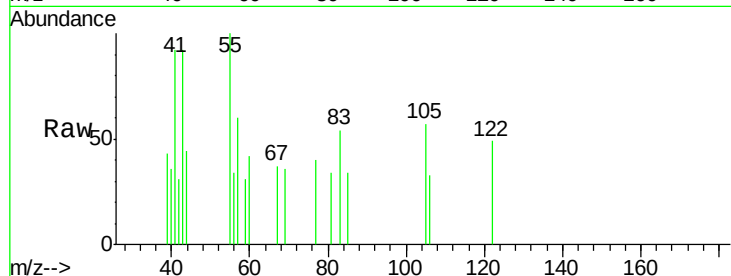




#32
Benzoic acid
Concen: 7.339 ng
RT: 7.95 min Scan# 955
Delta R.T. -0.09 min
Lab File: BF106428.D
Acq: 14 Jun 2018 8:23

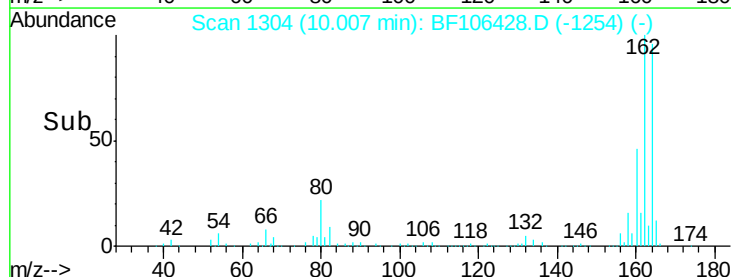
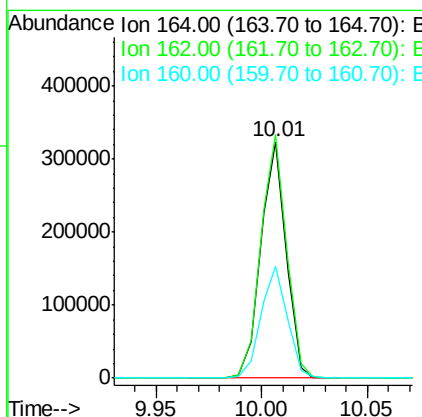
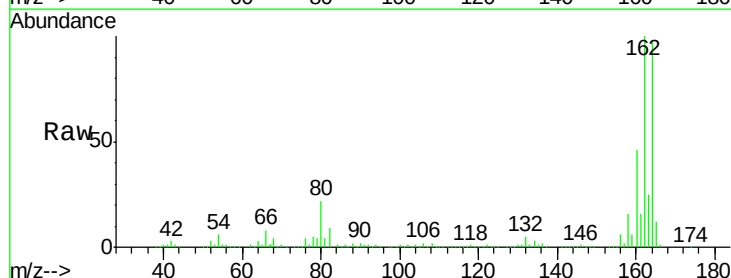
Instrument :
BNA_F
ClientSampled :

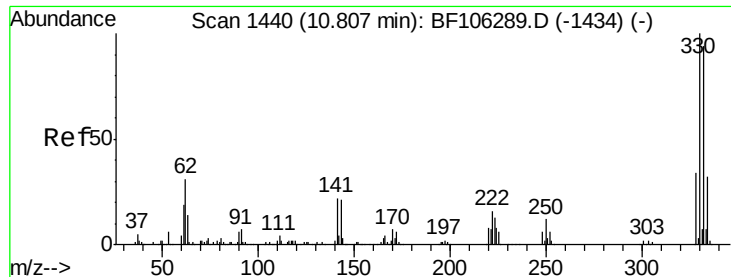
Tot Ion:122 Resp: 339
Ion Ratio Lower Upper
122 100
105 116.6 101.1 141.1
77 82.1 70.7 110.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106428.D
Acq: 14 Jun 2018 8:23

Tgt Ion:164 Resp: 269798
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 47.4 38.3 57.5

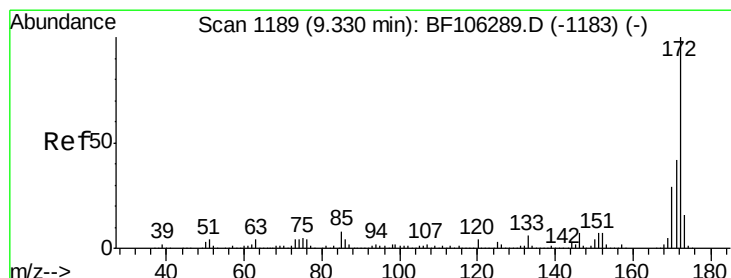
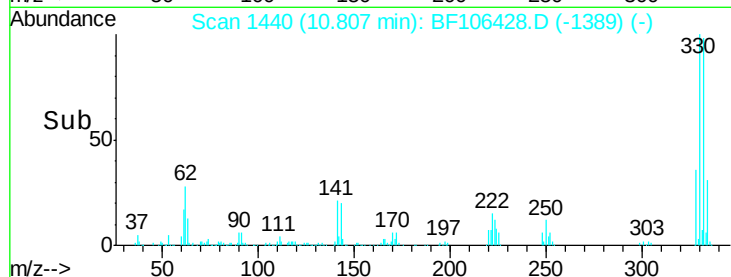
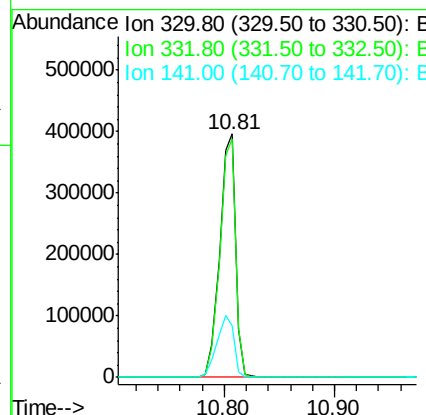
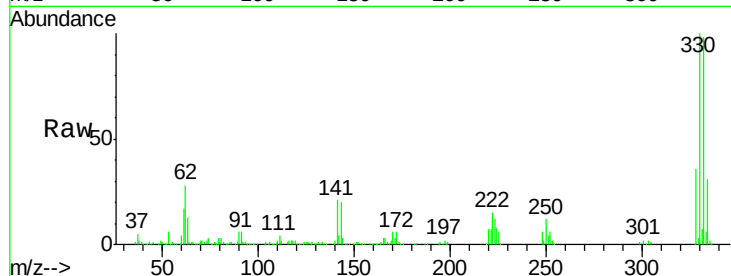




#41
 2,4,6-Tribromophenol
 Concen: 150.105 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF106428.D
 Acq: 14 Jun 2018 8:23

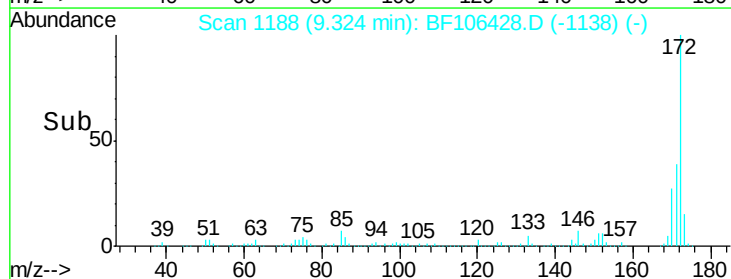
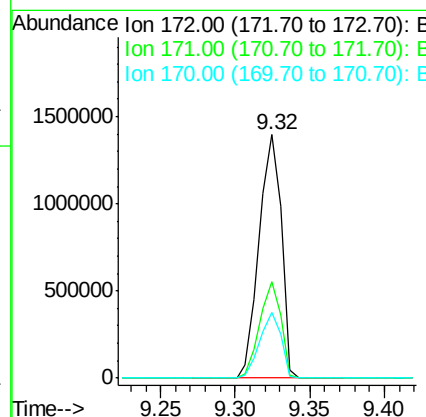
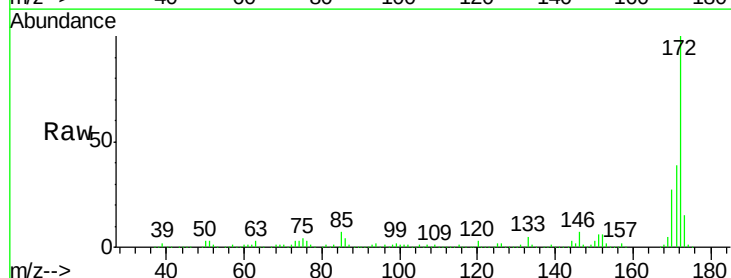
Instrument :
 BNA_F
 ClientSampleId :

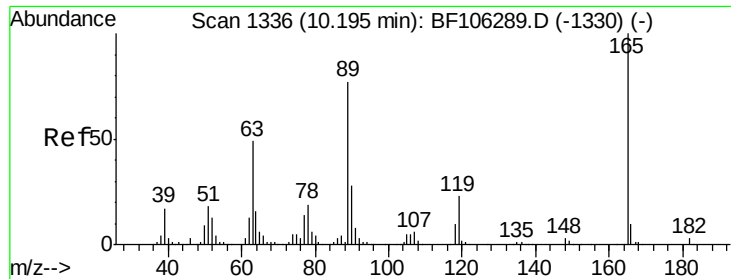
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	27.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 98.034 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106428.D
 Acq: 14 Jun 2018 8:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	29.7	44.5
170	27.1	19.6	29.4





#56

2,4-Dinitrotoluene

Concen: 7.169 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.19 min

Lab File: BF106428.D

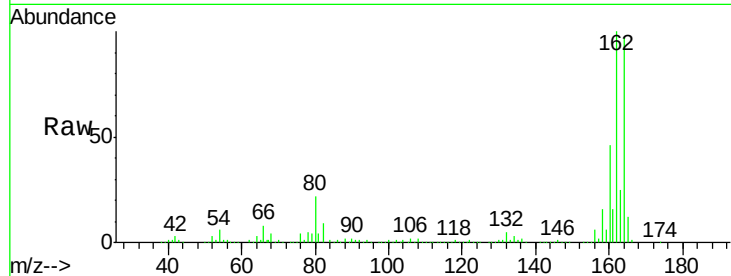
Acq: 14 Jun 2018 8:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	35447
Ion Ratio	Lower	Upper
165	100	
63	1.8	36.4 54.6#
89	2.1	57.8 86.6#
182	0.0	1.6 2.4#

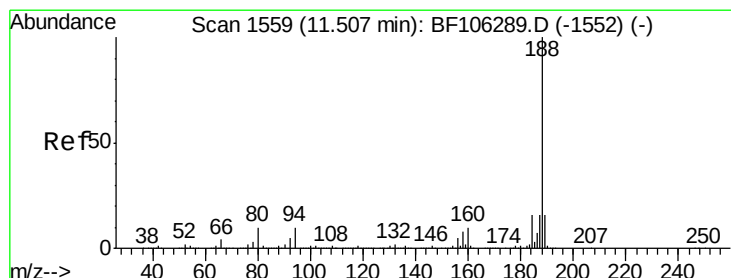
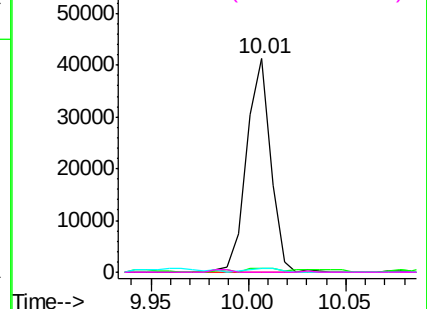
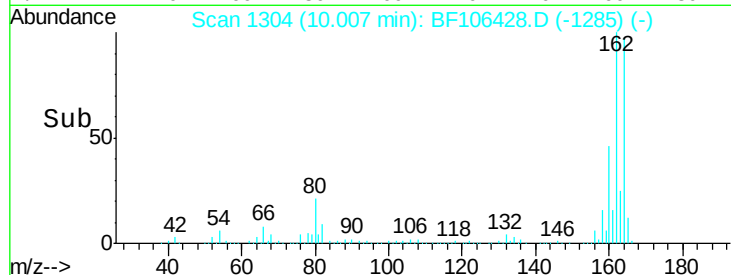


Abundance Ion 165.00 (164.70 to 165.70): E

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

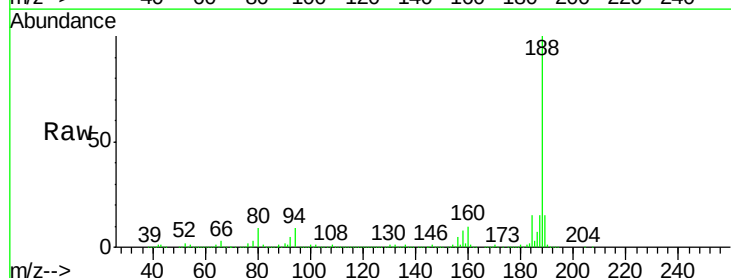
RT: 11.50 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF106428.D

Acq: 14 Jun 2018 8:23

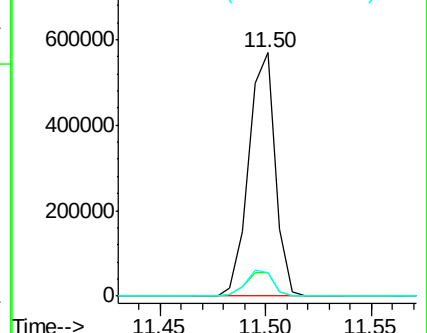
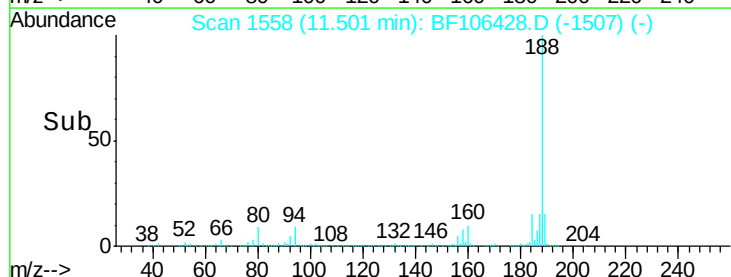
Tgt Ion:188	Resp:	496162
Ion Ratio	Lower	Upper
188	100	
94	9.4	8.5 12.7
80	9.4	9.2 13.8

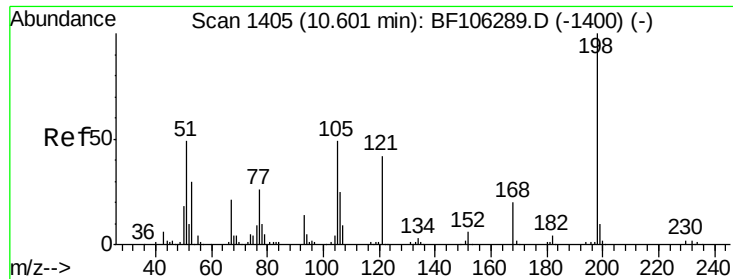


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

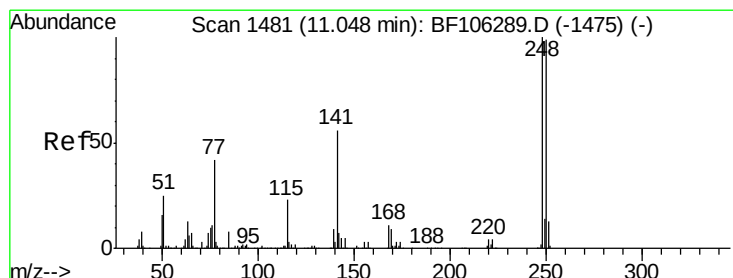
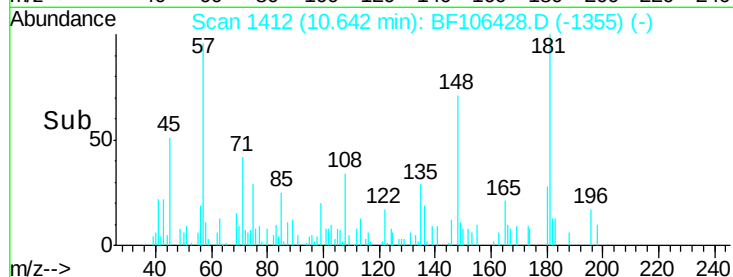
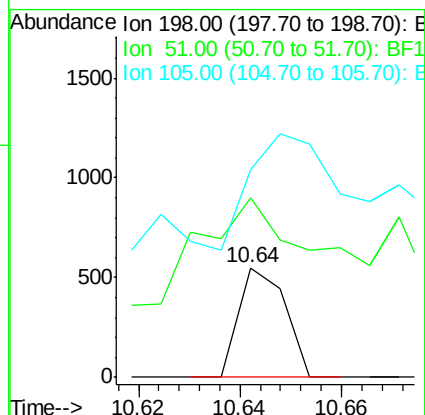
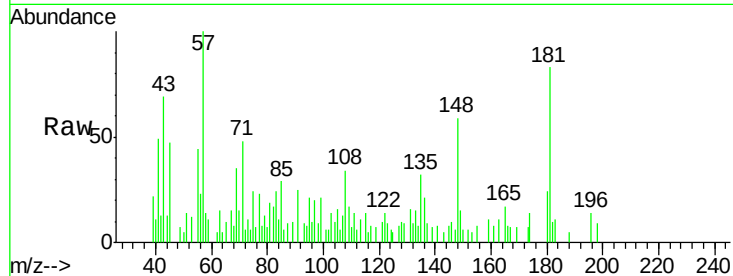




#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.408 ng
 RT: 10.64 min Scan# 1412
 Delta R.T. 0.04 min
 Lab File: BF106428.D
 Acq: 14 Jun 2018 8:23

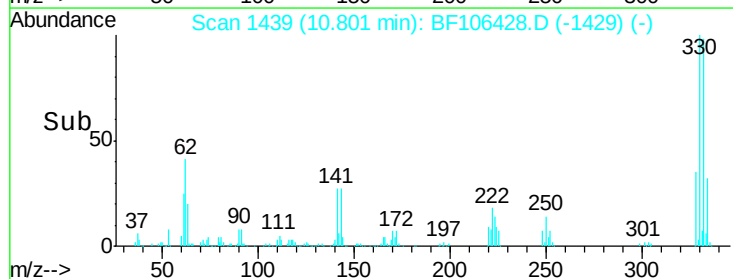
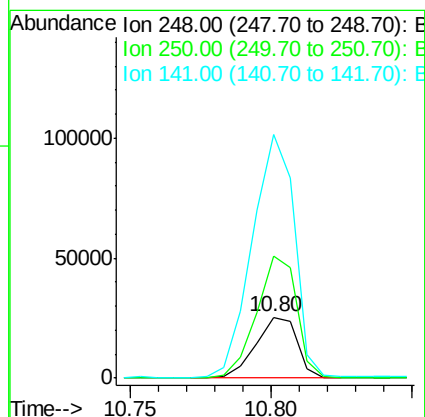
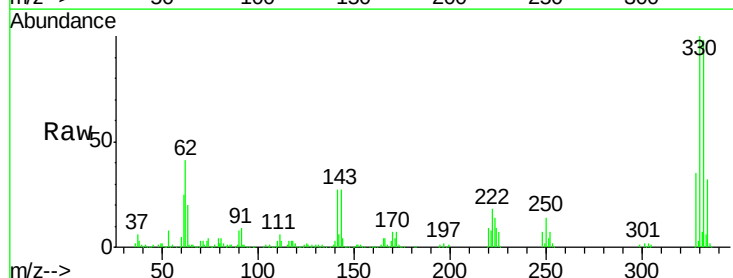
Instrument :
 BNA_F
 ClientSampleId :

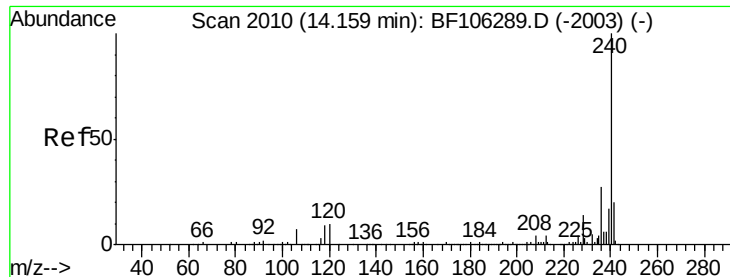
Tot Ion:198 Resp: 350
 Ion Ratio Lower Upper
 198 100
 51 163.3 37.7 77.7#
 105 189.8 36.3 76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 4.538 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106428.D
 Acq: 14 Jun 2018 8:23

Tgt Ion:248 Resp: 25608
 Ion Ratio Lower Upper
 248 100
 250 201.4 76.9 115.3#
 141 402.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF106428.D

Acq: 14 Jun 2018 8:23

Instrument :

BNA_F

ClientSampleId :

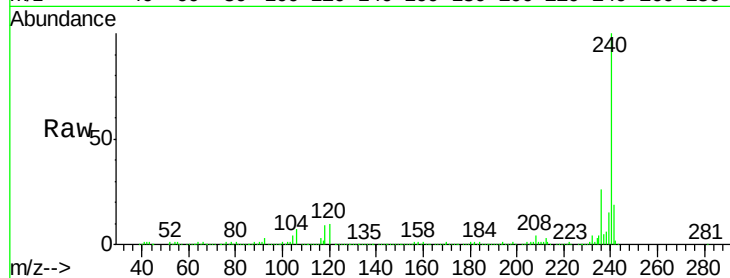
Tot Ion:240 Resp: 368692

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

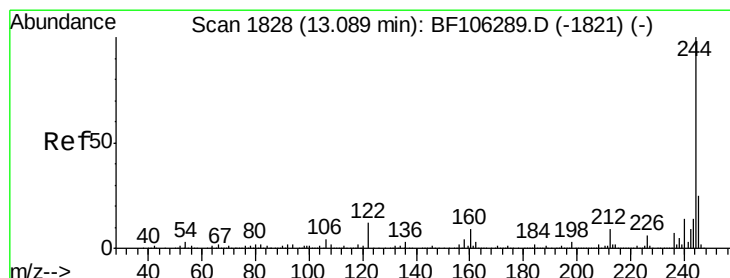
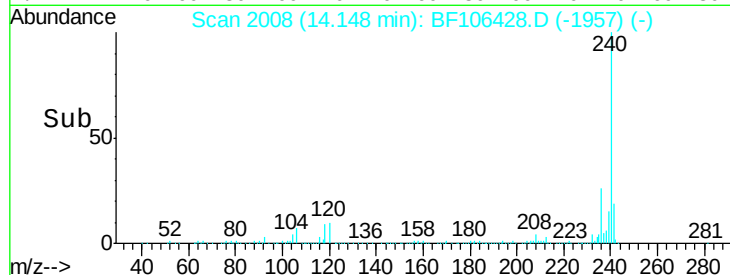
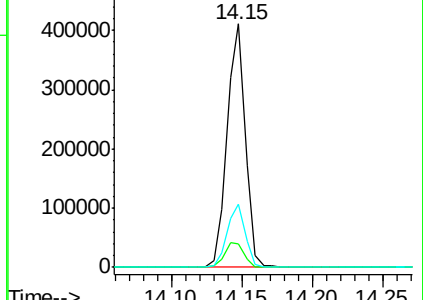
236 25.7 20.7 31.1



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: 90.355 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106428.D

Acq: 14 Jun 2018 8:23

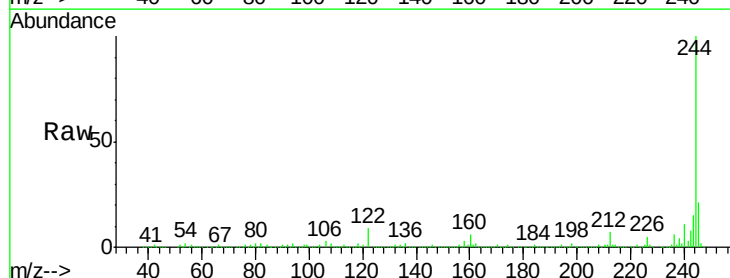
Tgt Ion:244 Resp: 1341225

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

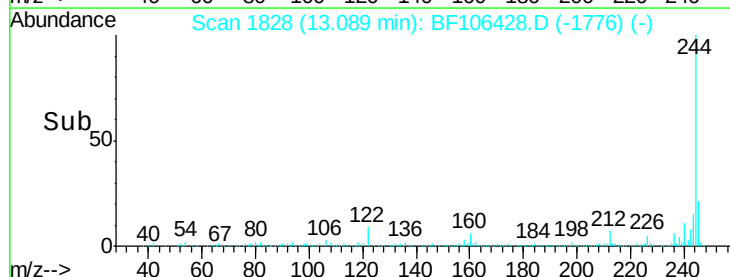
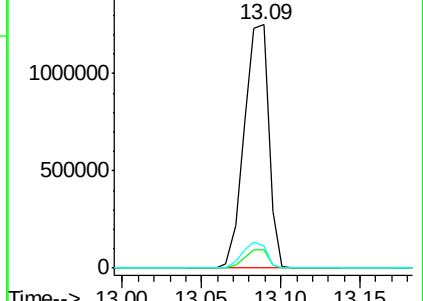
122 9.0 11.0 16.4#

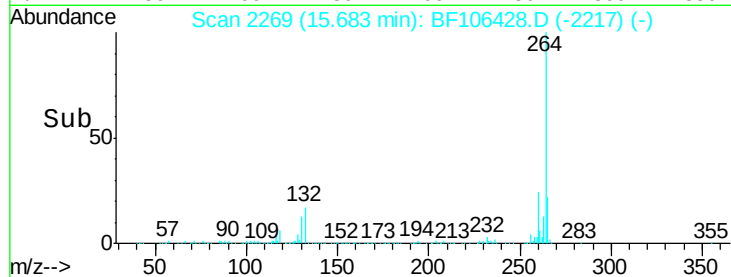
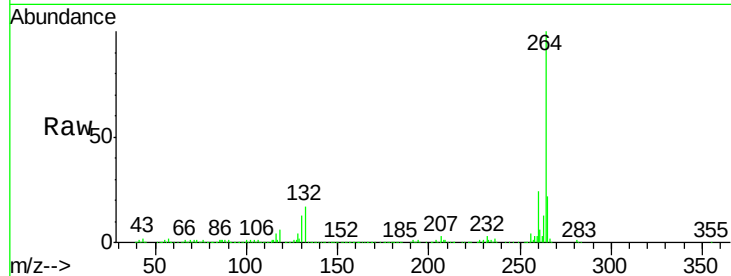
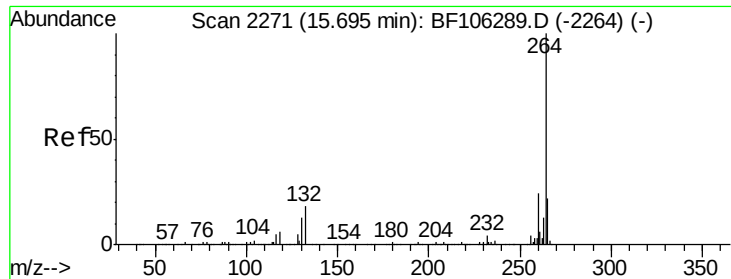


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2269
Delta R.T. 0.01 min
Lab File: BF106428.D
Acq: 14 Jun 2018 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	355051
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.5	26.3

