

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106442.D
 Acq On : 14 Jun 2018 15:16
 Operator : JU/SJ
 Sample : J3493-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 18:41:33 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 18:39:24 2018
 Response via : Initial Calibration

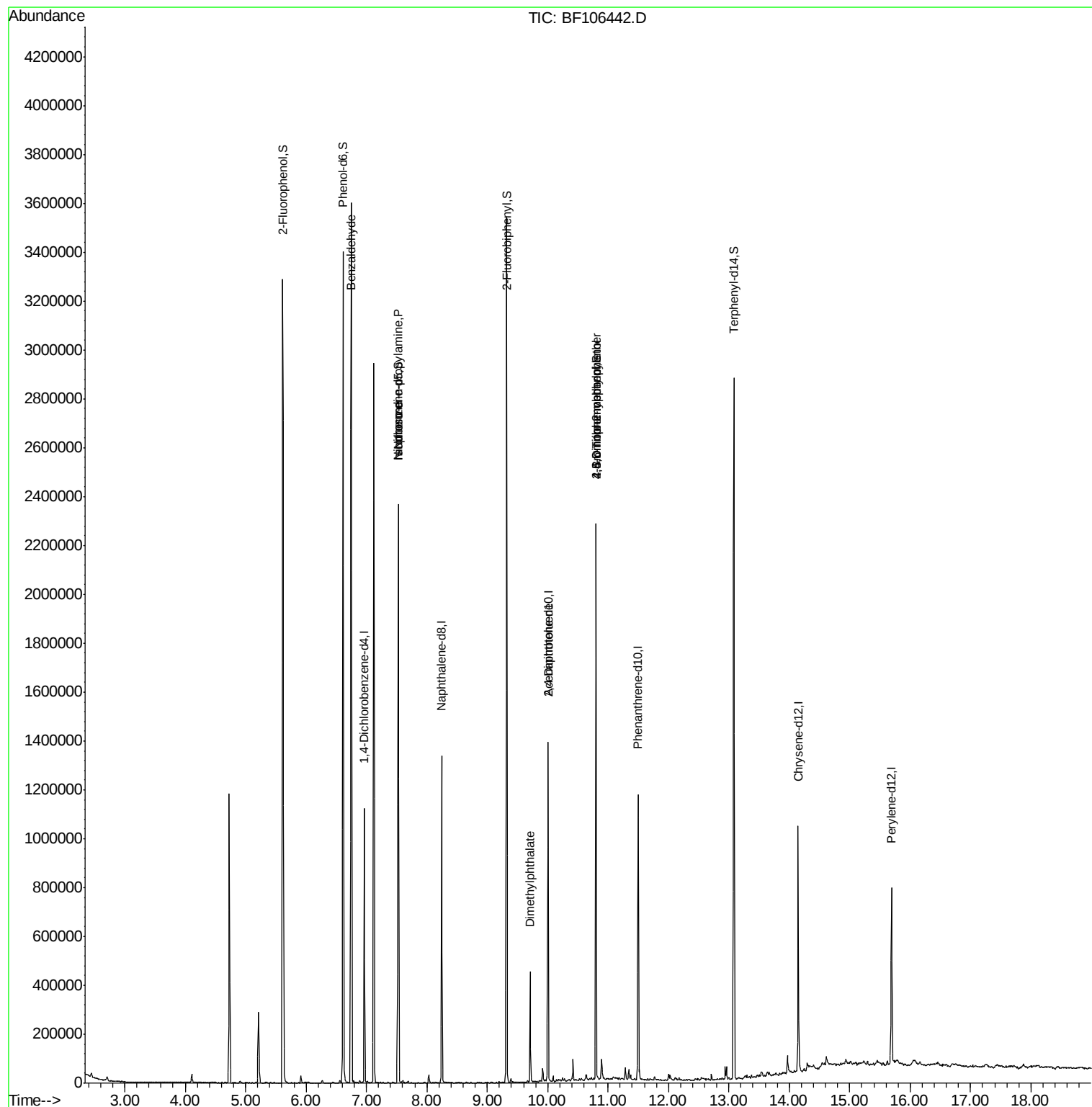
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147151	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	547016	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	249741	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	419657	20.00	ng	0.00
75) Chrysene-d12	14.15	240	342826	20.00	ng	-0.01
86) Perylene-d12	15.69	264	341287	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	982661	113.02	ng	0.00
7) Phenol-d6	6.61	99	1210381	110.19	ng	0.00
23) Nitrobenzene-d5	7.53	82	868960	93.45	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	295010	122.77	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1177630	83.17	ng	0.00
78) Terphenyl-d14	13.08	244	978547	70.90	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	23033	2.764	ng	81
19) n-Nitroso-di-n-propylamine	7.53	70	119486	14.499	ng	# 75
25) Isophorone	7.53	82	868948	47.844	ng	# 64
49) Dimethylphthalate	9.71	163	166721	9.344	ng	# 98
56) 2,4-Dinitrotoluene	10.01	165	32130	7.020	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	628	6.536	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	19594	4.105	ng	# 1

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

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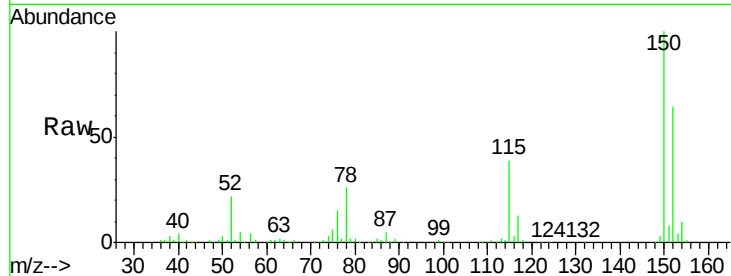


#1

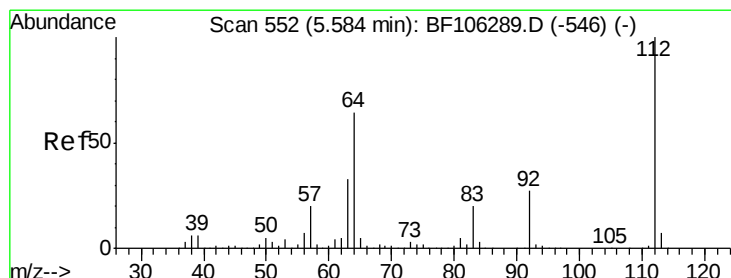
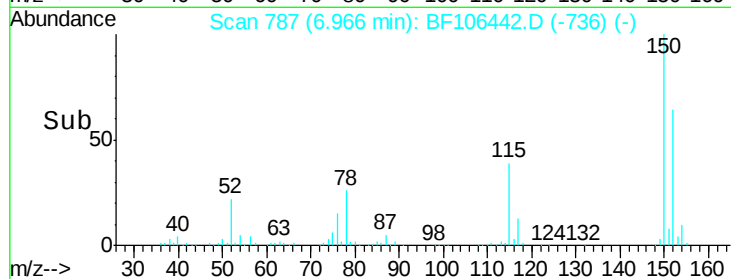
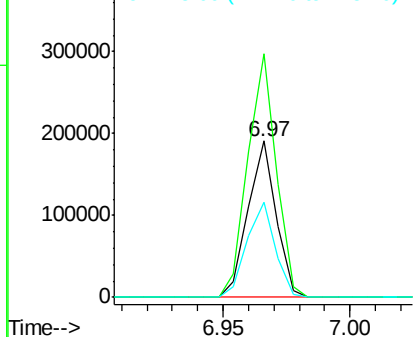
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106442.D
Acq: 14 Jun 2018 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147151
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 60.6 50.1 75.1



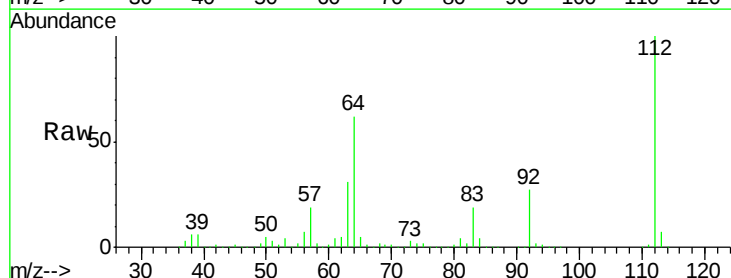
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



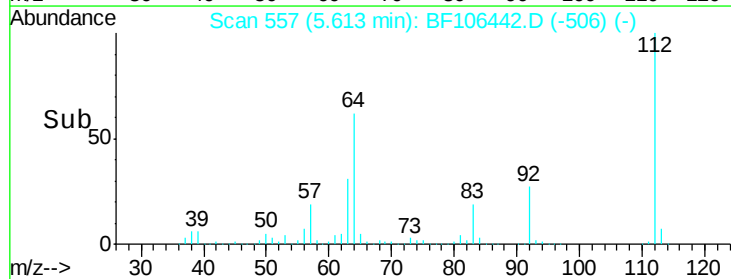
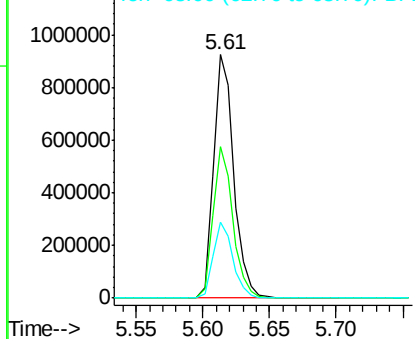
#5

2-Fluorophenol
Concen: 113.024 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106442.D
Acq: 14 Jun 2018 15:16

Tgt Ion:112 Resp: 982661
Ion Ratio Lower Upper
112 100
64 62.0 47.9 71.9
63 31.4 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: 110.190 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106442.D

Acq: 14 Jun 2018 15:16

Instrument :

BNA_F

ClientSampled :

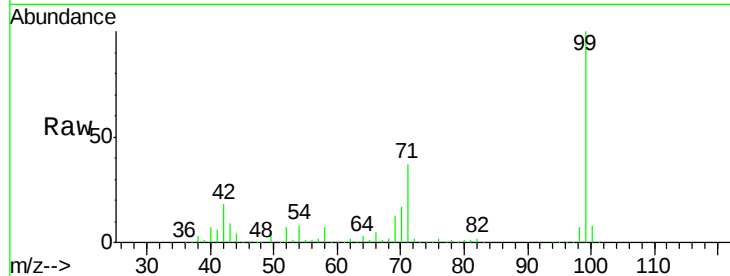
Tot Ion: 99 Resp: 1210381

Ion Ratio Lower Upper

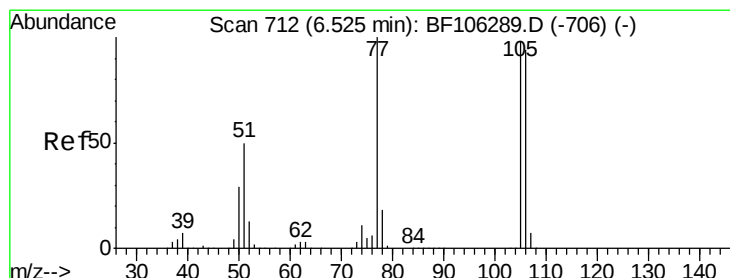
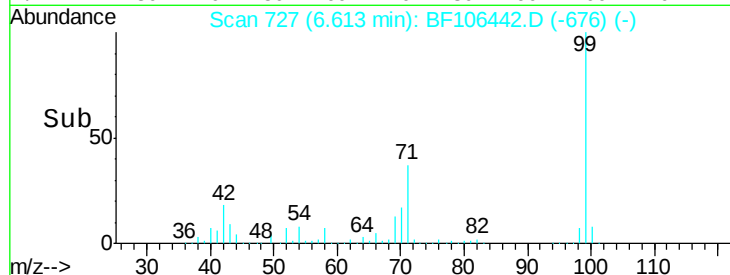
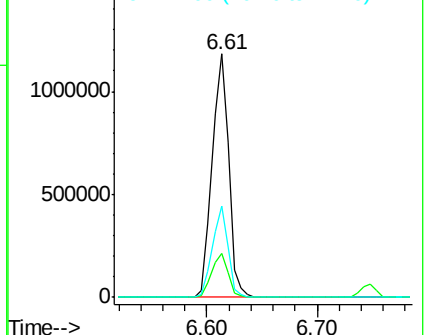
99 100

42 18.2 14.5 21.7

71 37.4 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: 2.764 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106442.D

Acq: 14 Jun 2018 15:16

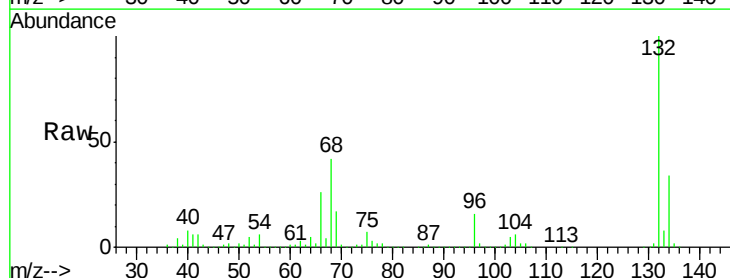
Tgt Ion: 77 Resp: 23033

Ion Ratio Lower Upper

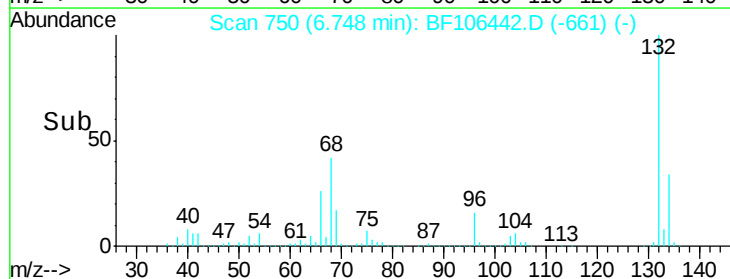
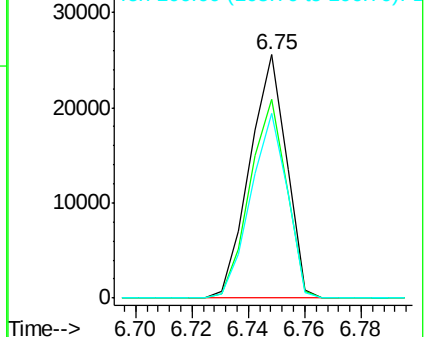
77 100

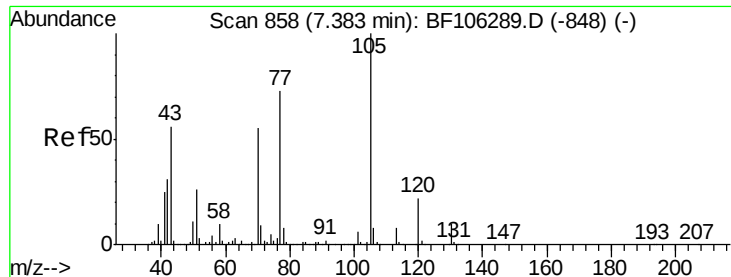
105 81.8 81.1 121.1

106 76.1 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

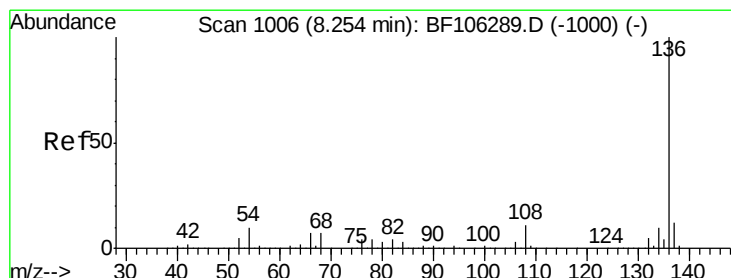
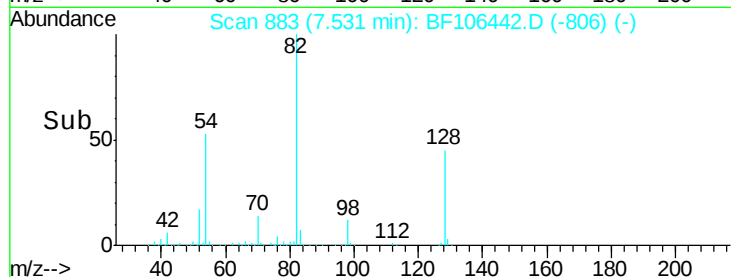
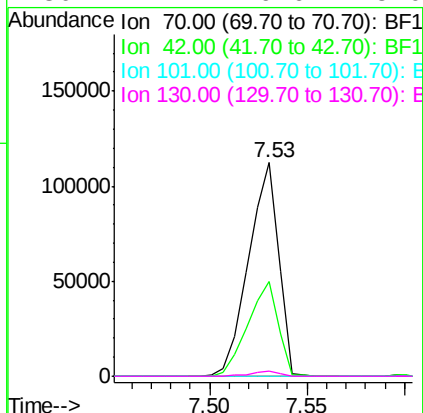
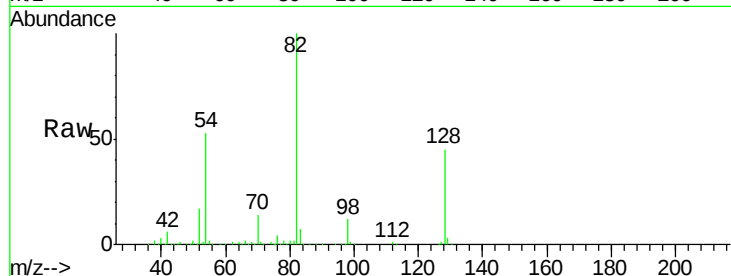




#19
n-Nitroso-di-n-propylamine
Concen: 14.499 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106442.D
Acq: 14 Jun 2018 15:16

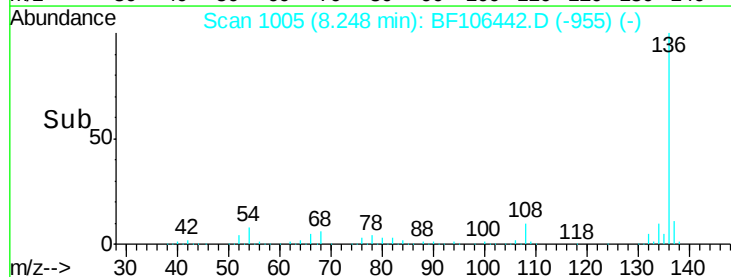
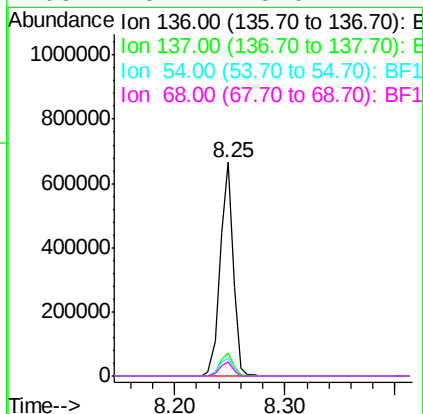
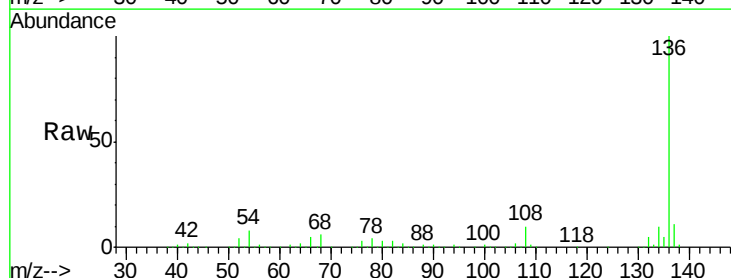
Instrument :
BNA_F
ClientSampleId :

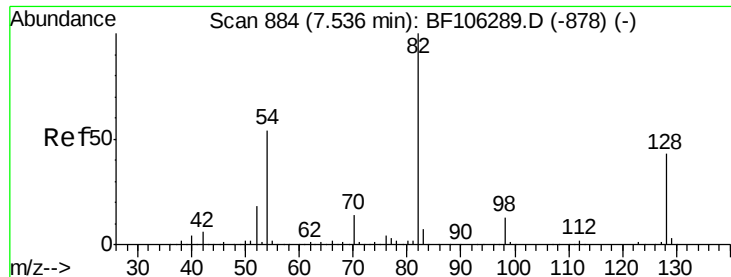
Tot Ion: 70 Resp: 119486
Ion Ratio Lower Upper
70 100
42 44.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106442.D
Acq: 14 Jun 2018 15:16

Tgt Ion:136 Resp: 547016
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.3 6.6 9.8
68 6.4 5.0 7.4

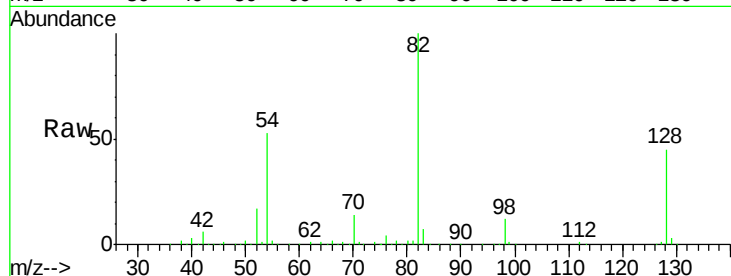




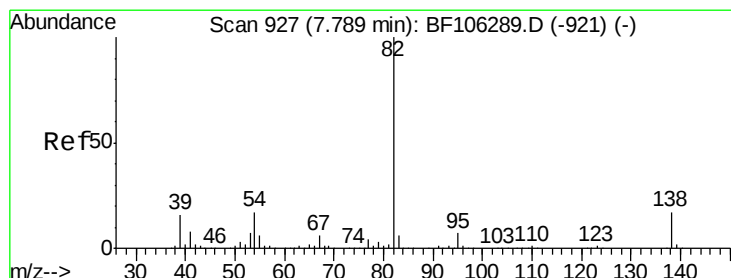
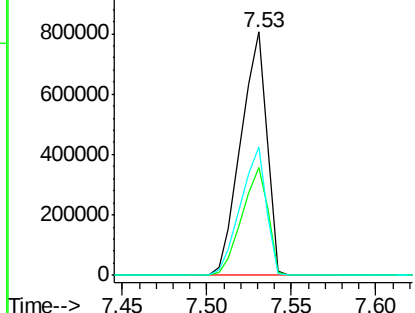
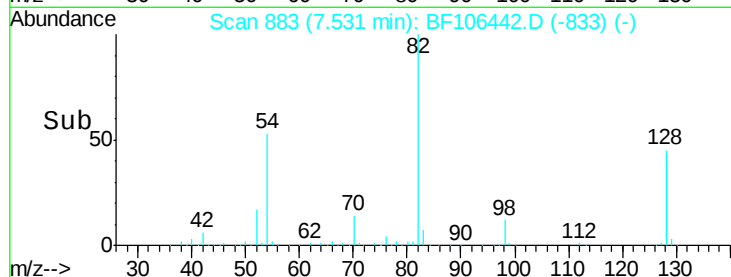
#23
Nitrobenzene-d5
Concen: 93.452 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106442.D
Acq: 14 Jun 2018 15:16

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 868960
Ion Ratio Lower Upper
82 100
128 44.5 36.1 54.1
54 52.9 41.4 62.2

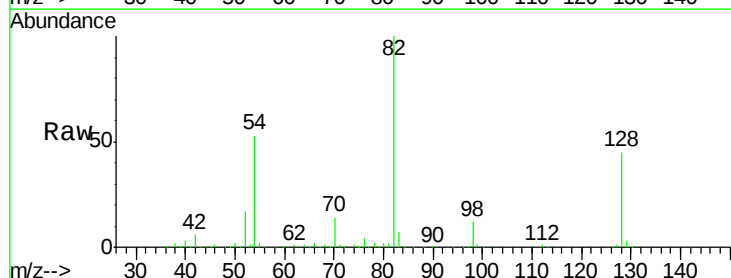


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

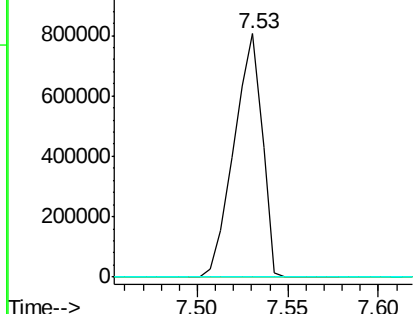
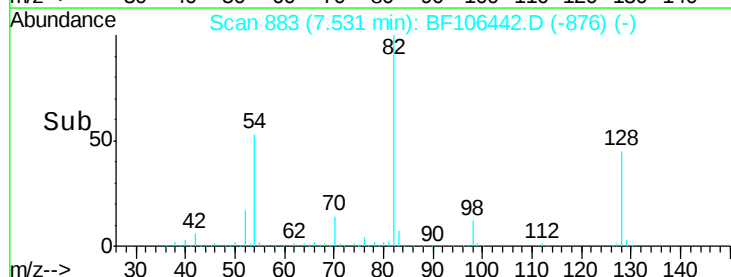


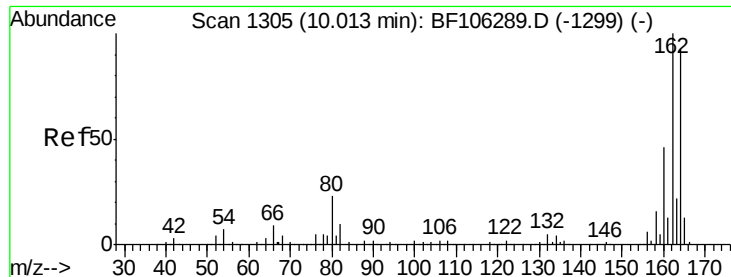
#25
Isophorone
Concen: 47.844 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106442.D
Acq: 14 Jun 2018 15:16

Tgt Ion: 82 Resp: 868948
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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF106442.D

Acq: 14 Jun 2018 15:16

Instrument :

BNA_F

ClientSampleId :

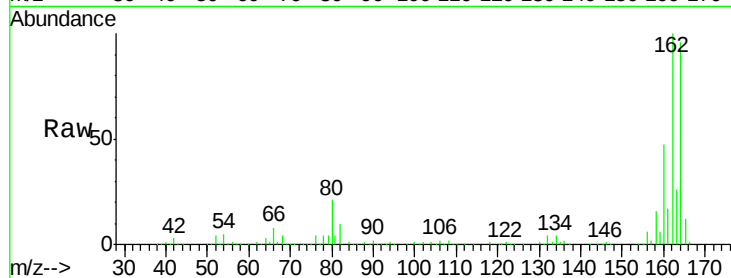
Tot Ion:164 Resp: 249741

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

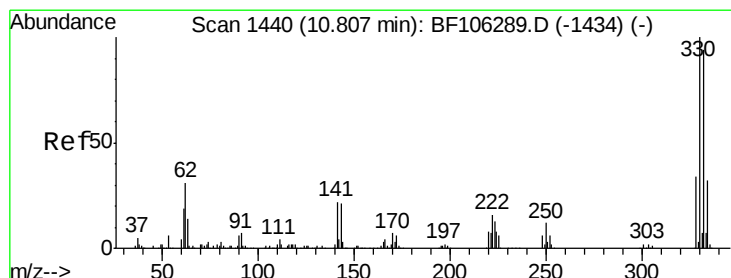
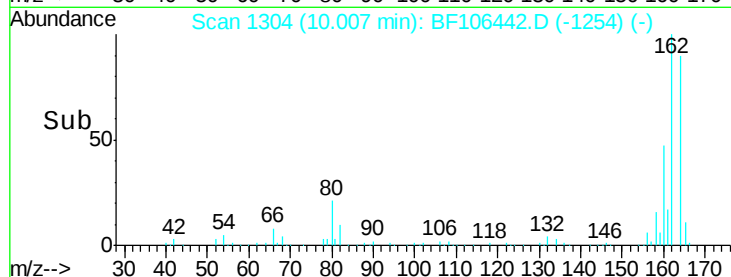
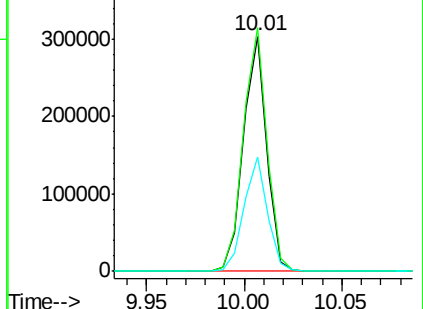
160 48.6 38.3 57.5



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: 122.770 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106442.D

Acq: 14 Jun 2018 15:16

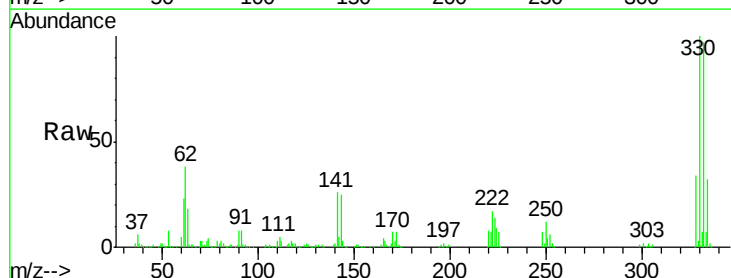
Tgt Ion:330 Resp: 295010

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

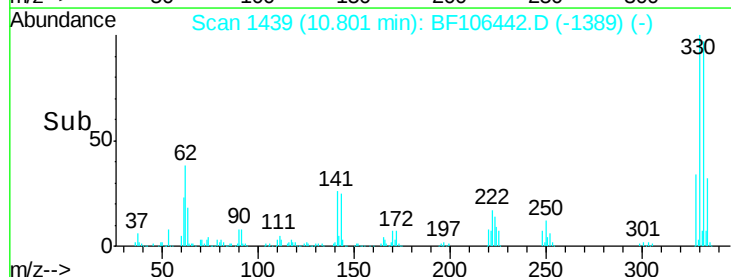
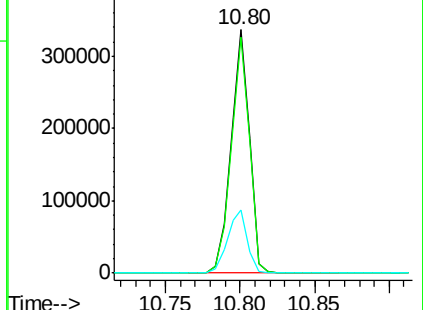
141 27.9 29.9 44.9#

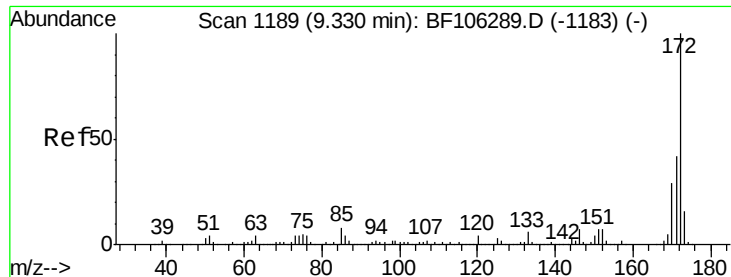


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

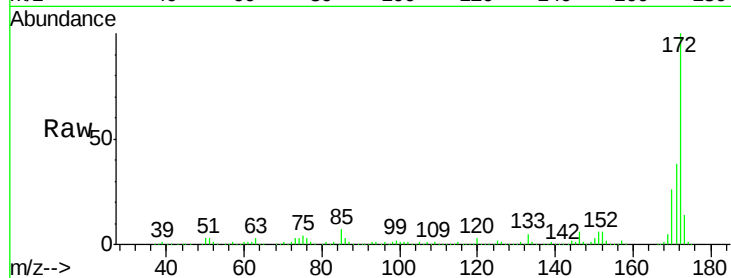




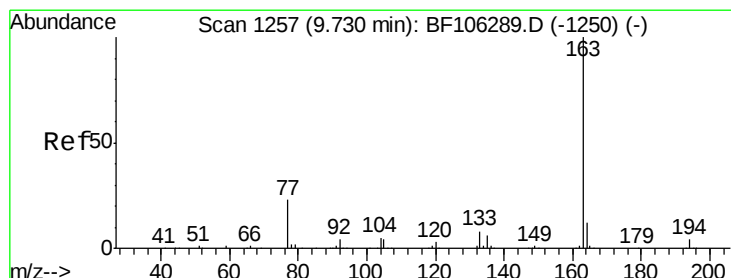
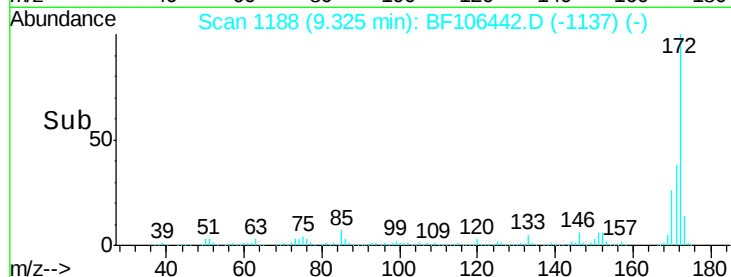
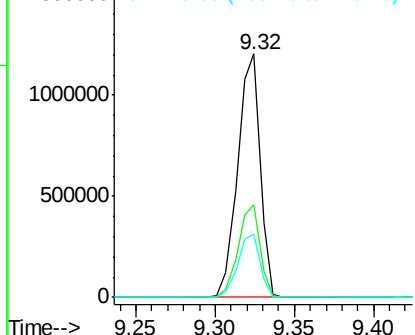
#44
2-Fluorobiphenyl
Concen: 83.170 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF106442.D
Acq: 14 Jun 2018 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1177630
Ion Ratio Lower Upper
172 100
171 38.3 29.7 44.5
170 25.8 19.6 29.4

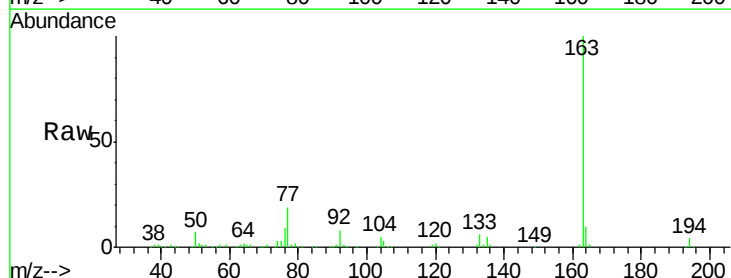


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

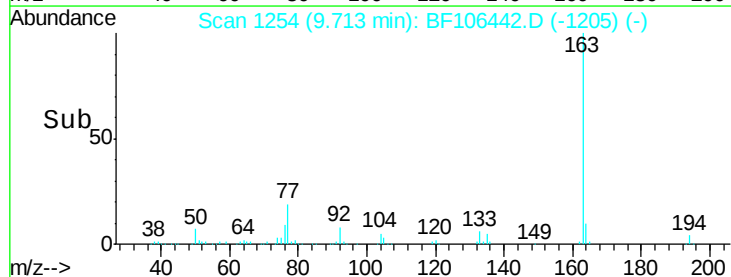
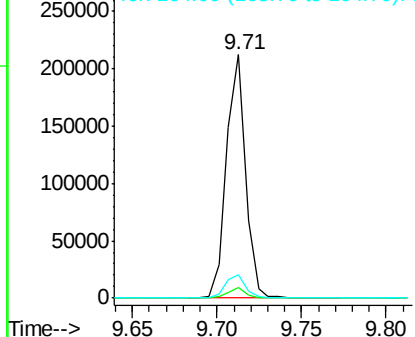


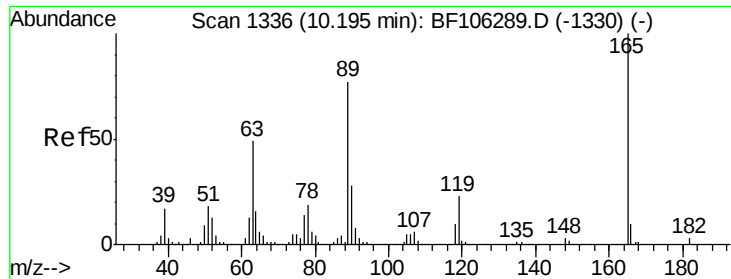
#49
Dimethylphthalate
Concen: 9.344 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106442.D
Acq: 14 Jun 2018 15:16

Tgt Ion:163 Resp: 166721
Ion Ratio Lower Upper
163 100
194 4.2 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

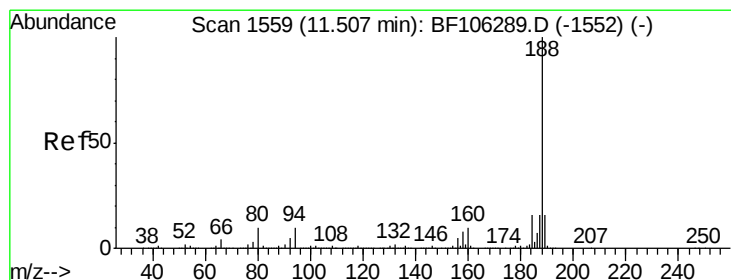
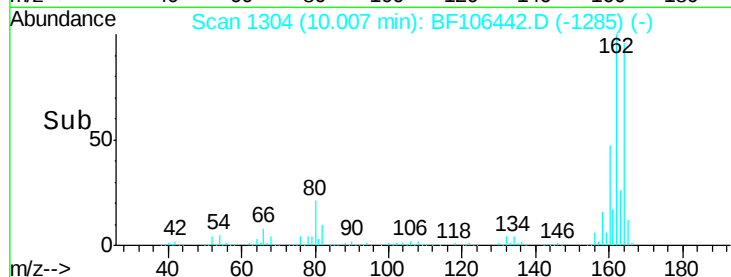
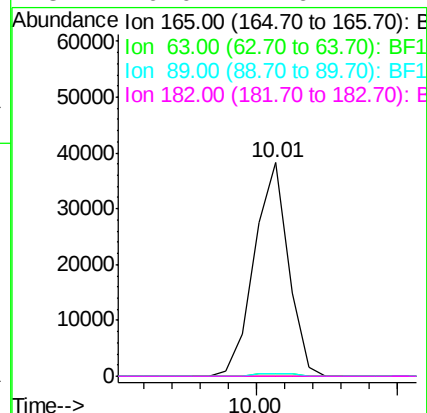
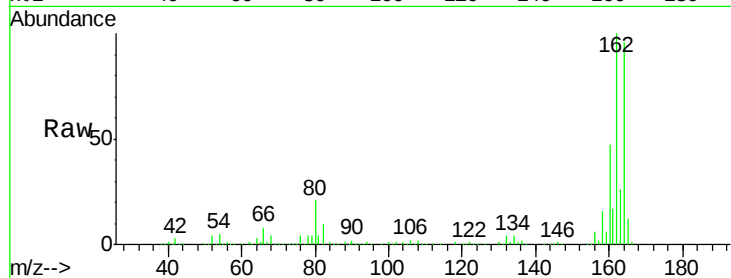




#56
 2,4-Dinitrotoluene
 Concen: 7.020 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF106442.D
 Acq: 14 Jun 2018 15:16

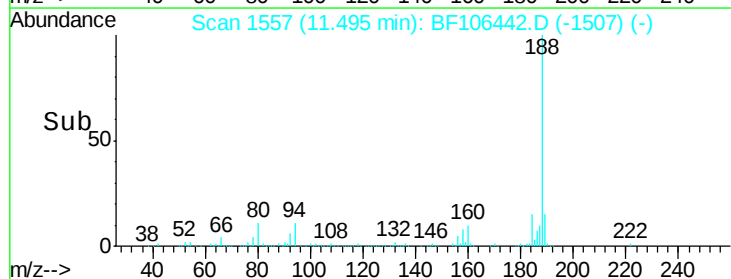
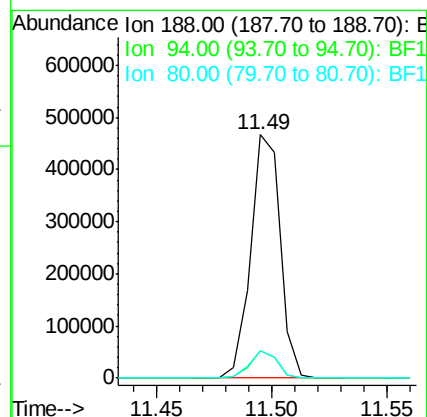
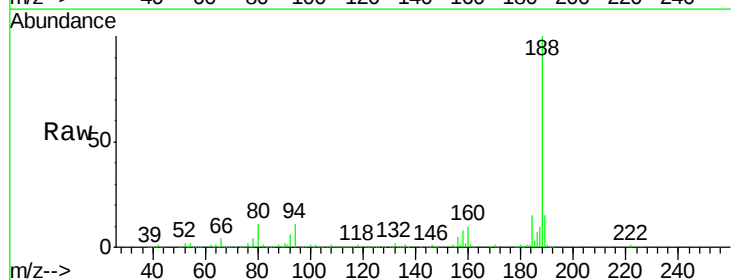
Instrument :
 BNA_F
 ClientSampleId :

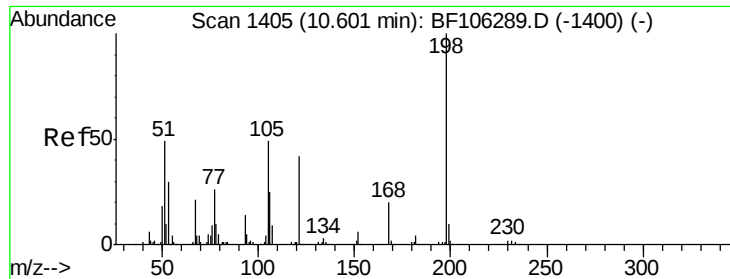
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106442.D
 Acq: 14 Jun 2018 15:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.4	9.2	13.8

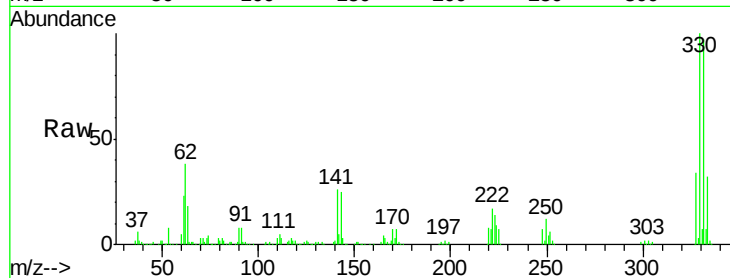




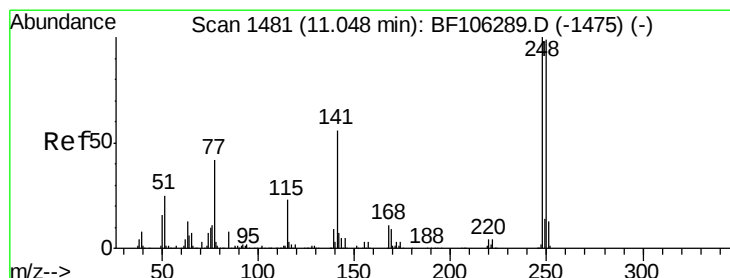
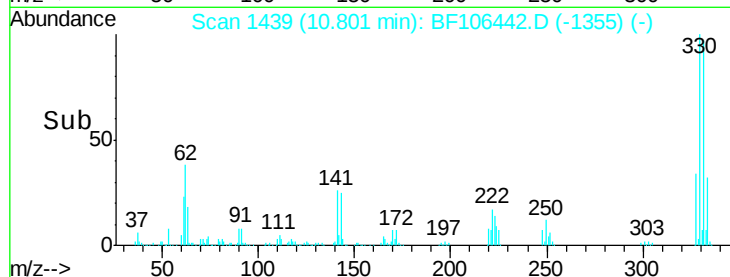
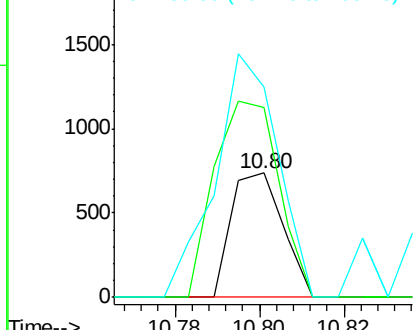
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.536 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.19 min
 Lab File: BF106442.D
 Acq: 14 Jun 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 628
 Ion Ratio Lower Upper
 198 100
 51 152.7 37.7 77.7#
 105 169.8 36.3 76.3#

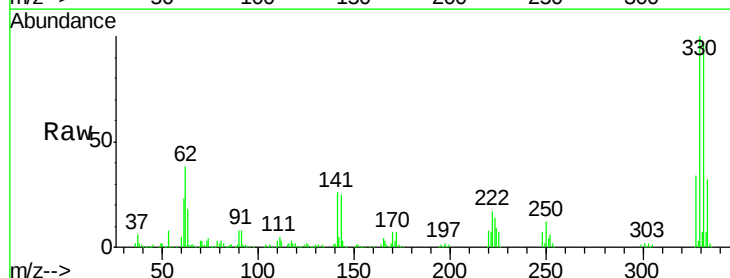


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

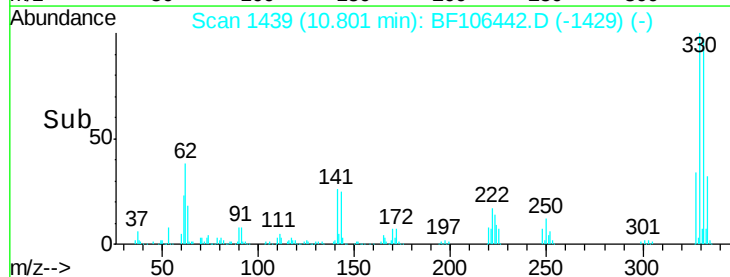
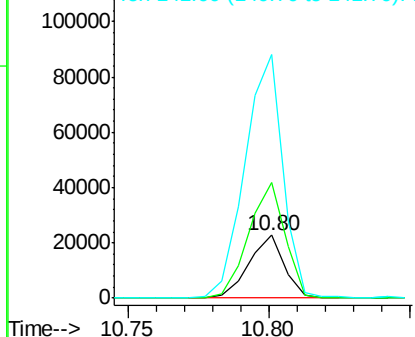


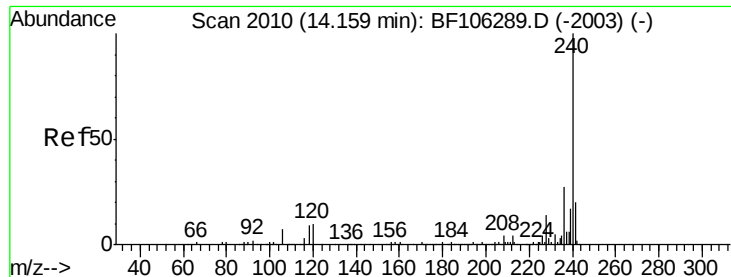
#66
 4-Bromophenyl-phenylether
 Concen: 4.105 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106442.D
 Acq: 14 Jun 2018 15:16

Tgt Ion:248 Resp: 19594
 Ion Ratio Lower Upper
 248 100
 250 184.0 76.9 115.3#
 141 388.9 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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106442.D

Acq: 14 Jun 2018 15:16

Instrument :

BNA_F

ClientSampleId :

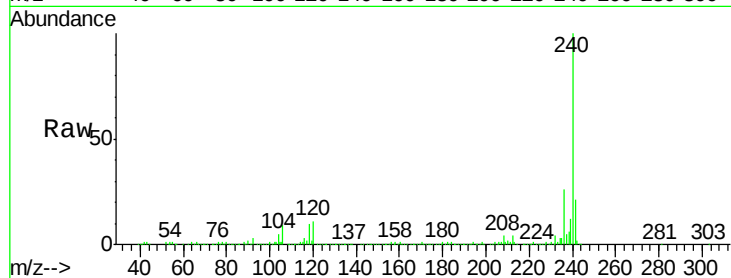
Tot Ion:240 Resp: 342826

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

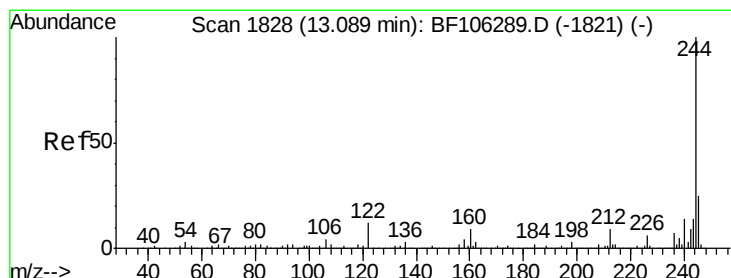
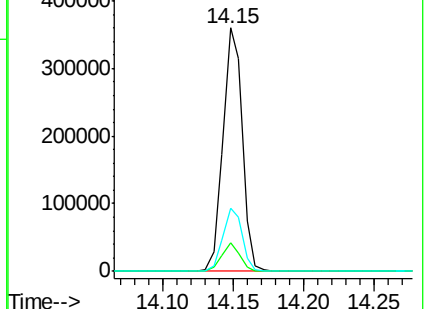
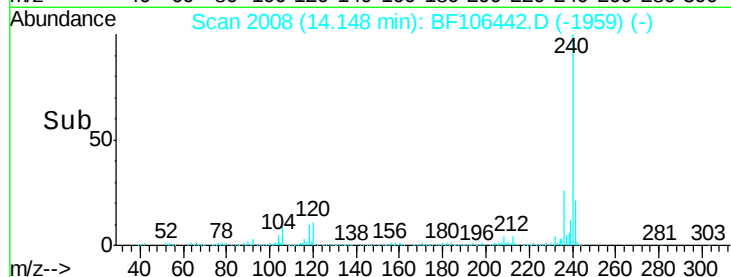
236 25.8 20.7 31.1



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: 70.896 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106442.D

Acq: 14 Jun 2018 15:16

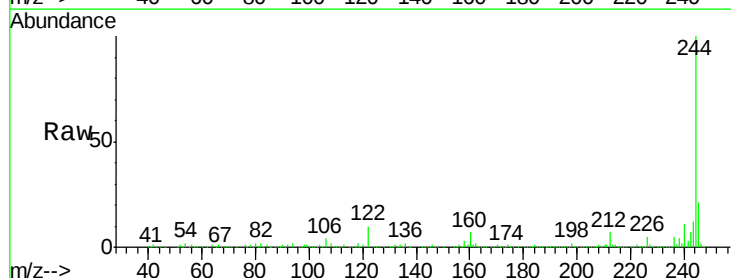
Tgt Ion:244 Resp: 978547

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

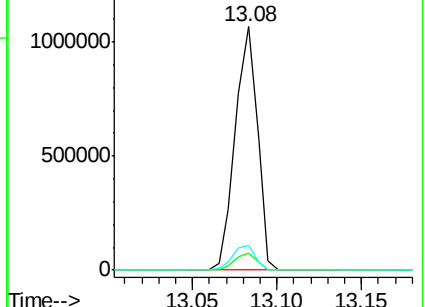
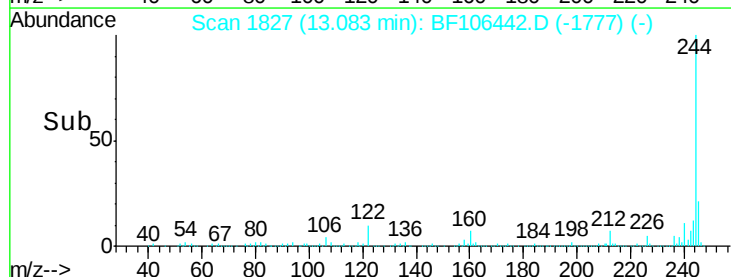
122 10.3 11.0 16.4#

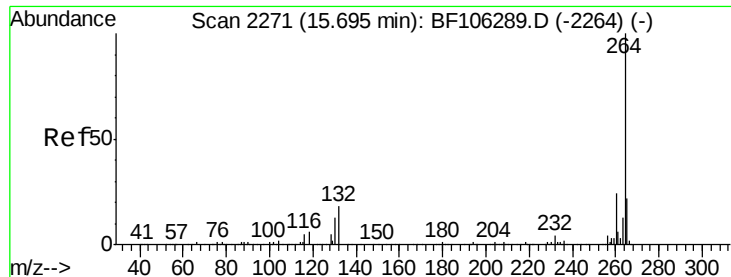


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

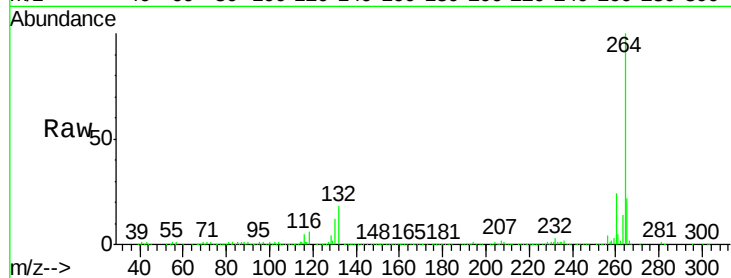




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF106442.D
 Acq: 14 Jun 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	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

