

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106446.D
 Acq On : 14 Jun 2018 17:03
 Operator : JU/SJ
 Sample : J3239-09 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 18:42:54 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

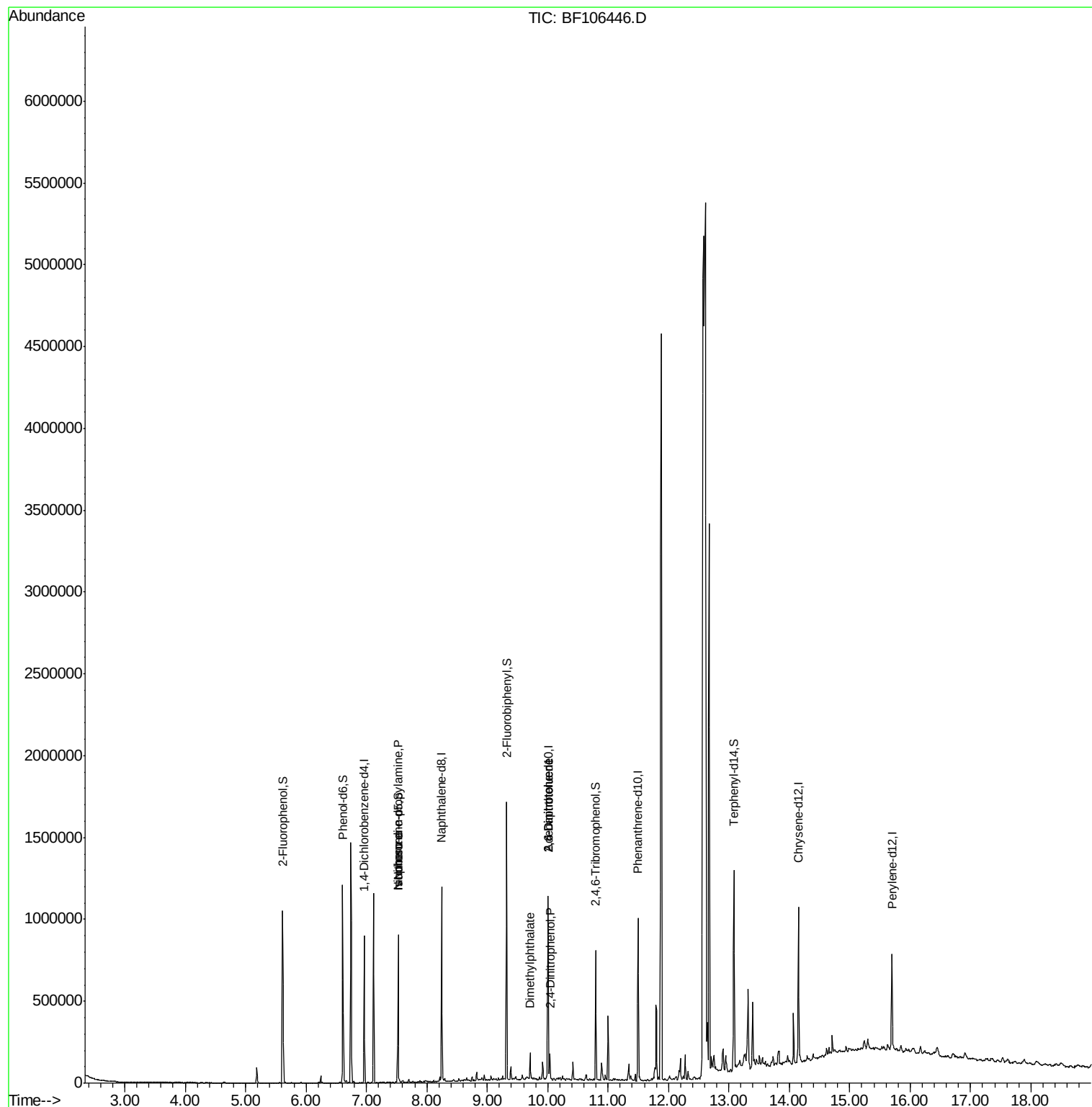
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	125394	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	479612	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	204593	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	326256	20.00	ng	0.00
75) Chrysene-d12	14.15	240	344250	20.00	ng	0.00
86) Perylene-d12	15.70	264	279016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	331370	44.73	ng	0.00
7) Phenol-d6	6.61	99	436254	46.61	ng	0.00
23) Nitrobenzene-d5	7.52	82	262527	32.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	85825	43.60	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	468223	30.79	ng	0.00
78) Terphenyl-d14	13.08	244	389558	28.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	34792	4.954	ng	# 75
25) Isophorone	7.52	82	262524	16.486	ng	# 64
49) Dimethylphthalate	9.71	163	48155	3.294	ng	# 98
50) 2,6-Dinitrotoluene	10.01	165	26890	9.006	ng	# 26
53) 2,4-Dinitrophenol	10.04	184	116	8.689	ng	# 72
56) 2,4-Dinitrotoluene	10.01	165	26890	7.172	ng	# 23

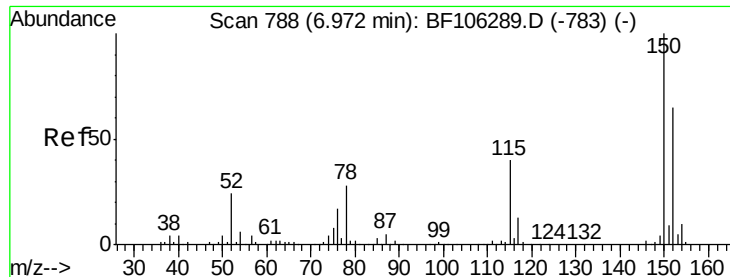
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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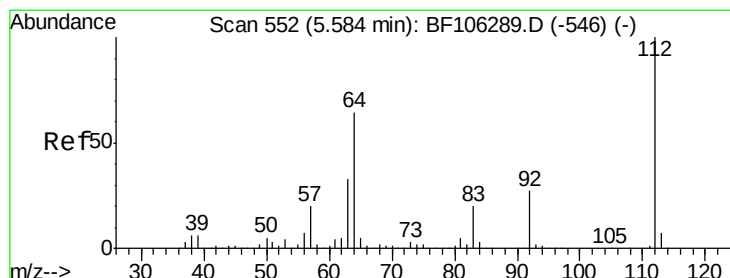
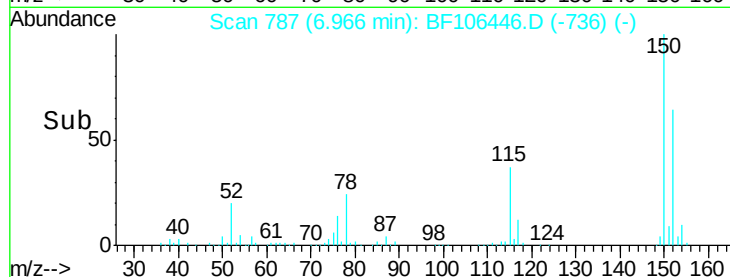
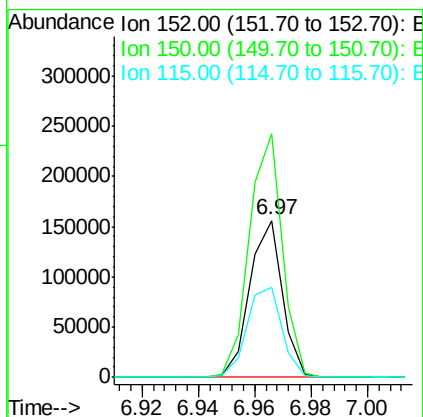
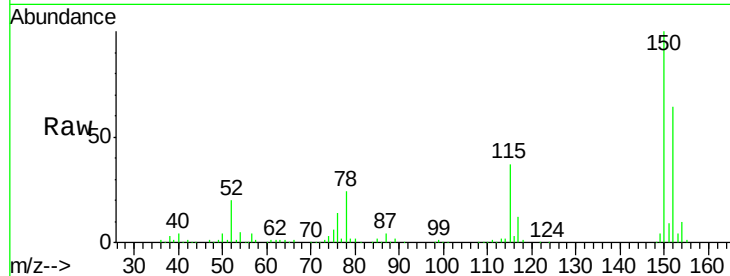


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106446.D
Acq: 14 Jun 2018 17:03

Instrument :
BNA_F
ClientSampleId :

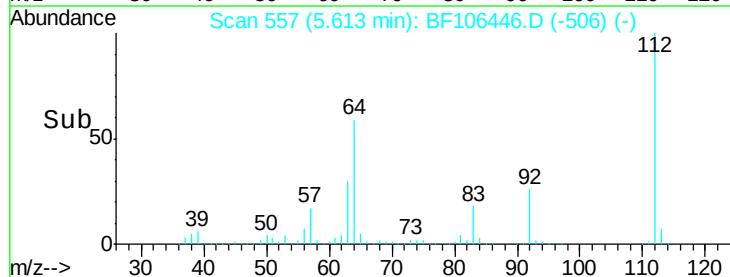
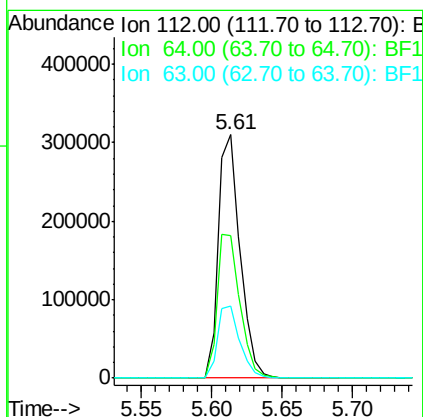
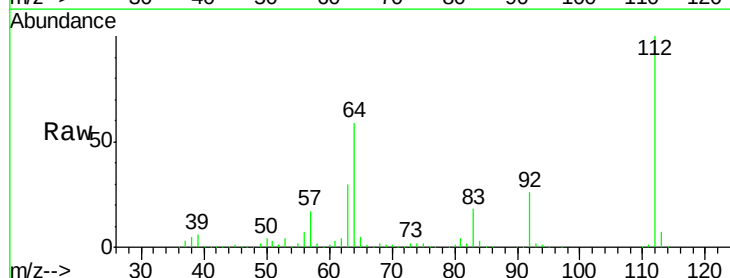
Tot Ion:152 Resp: 125394
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 57.6 50.1 75.1

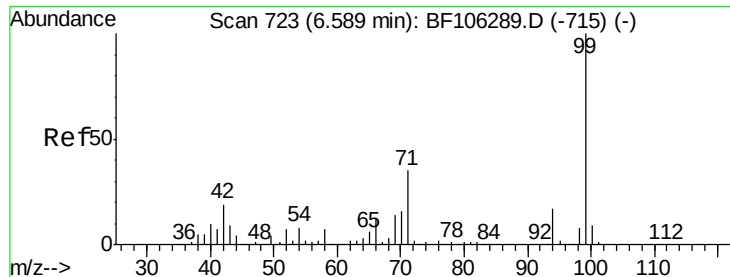


#5

2-Fluorophenol
Concen: 44.726 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106446.D
Acq: 14 Jun 2018 17:03

Tgt Ion:112 Resp: 331370
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 46.607 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106446.D

Acq: 14 Jun 2018 17:03

Instrument :

BNA_F

ClientSampled :

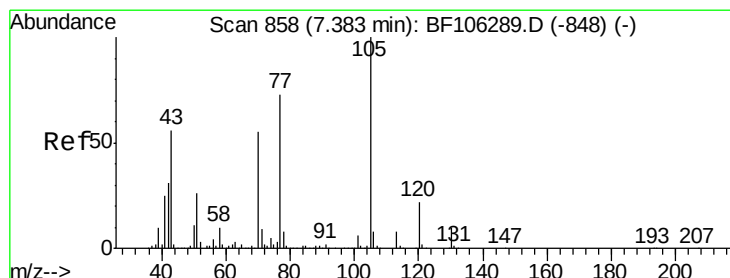
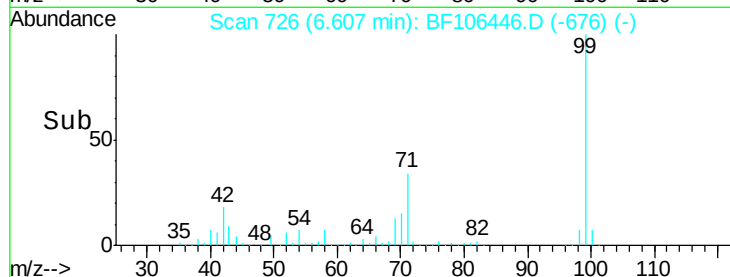
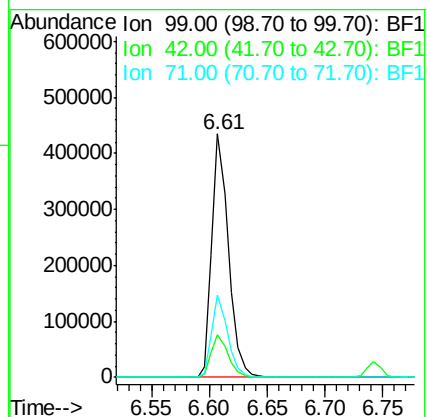
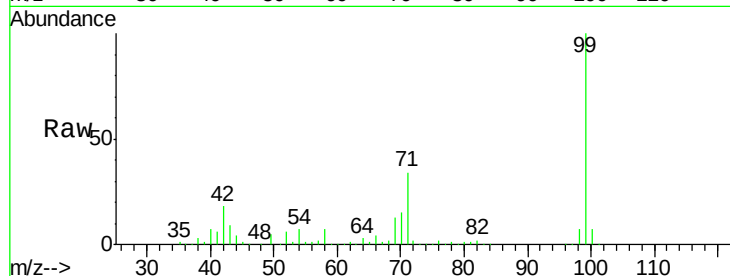
Tot Ion: 99 Resp: 436254

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 33.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 4.954 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106446.D

Acq: 14 Jun 2018 17:03

Tgt Ion: 70 Resp: 34792

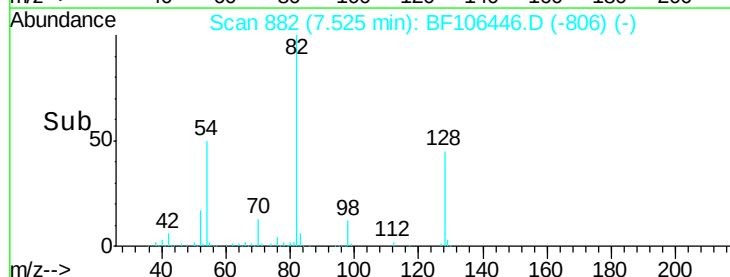
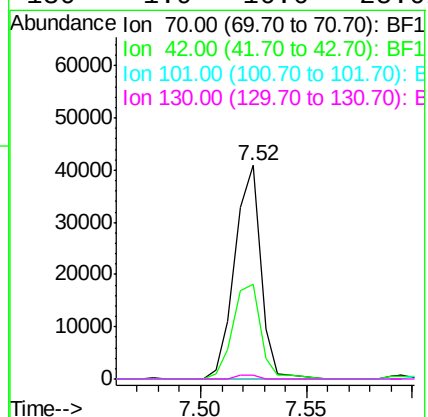
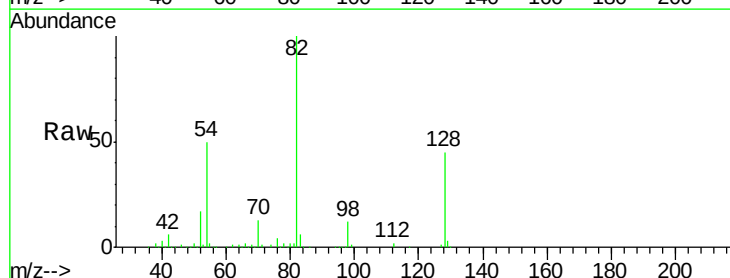
Ion Ratio Lower Upper

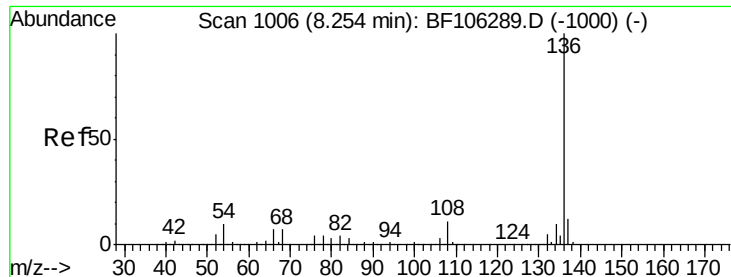
70 100

42 44.3 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

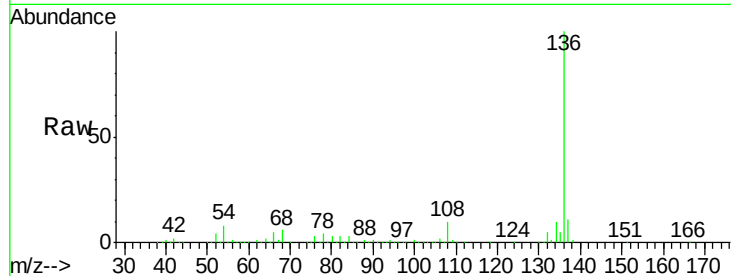




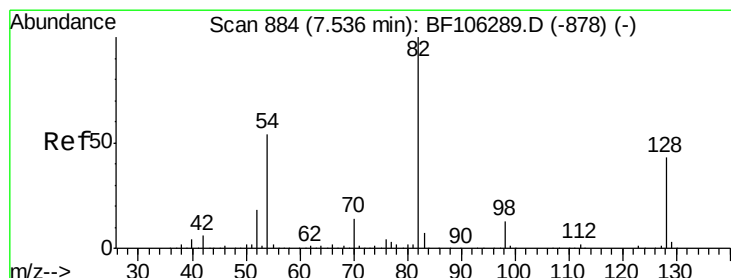
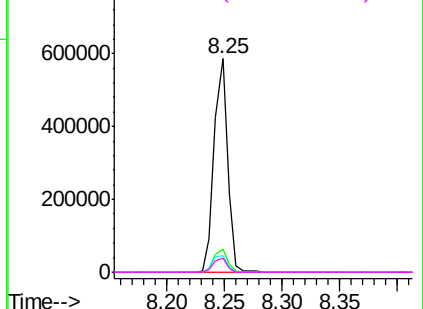
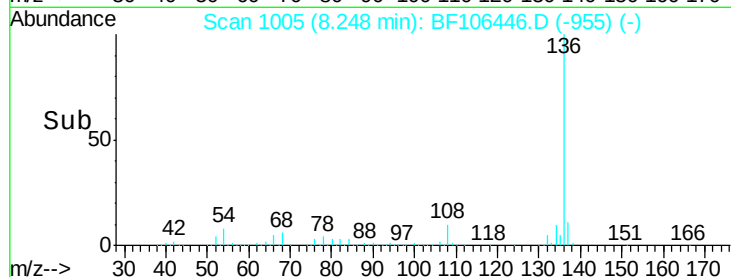
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106446.D
Acq: 14 Jun 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	479612
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	7.9	6.6 9.8
68	6.3	5.0 7.4

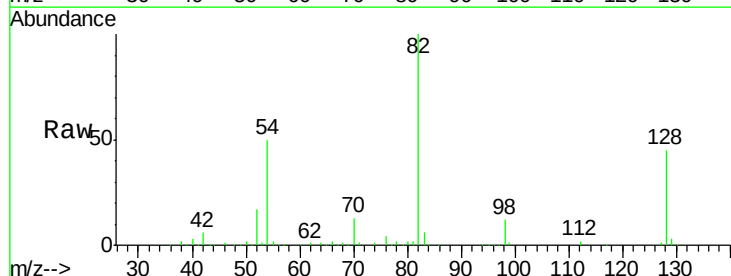


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

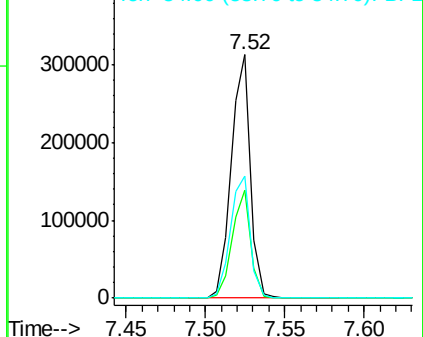
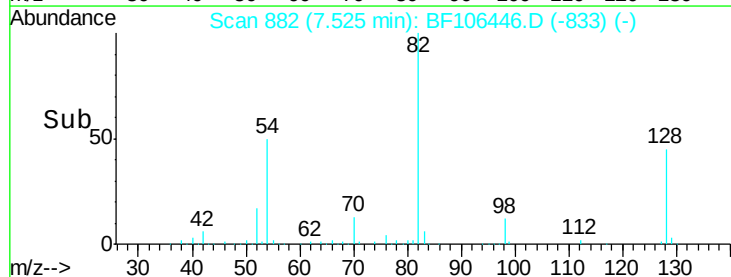


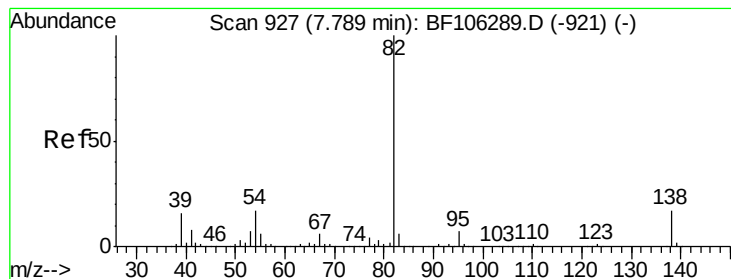
#23
Nitrobenzene-d5
Concen: 32.201 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106446.D
Acq: 14 Jun 2018 17:03

Tgt Ion: 82	Resp:	262527
Ion	Ratio	Lower Upper
82	100	
128	44.5	36.1 54.1
54	50.4	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: 16.486 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106446.D

Acq: 14 Jun 2018 17:03

Instrument :

BNA_F

ClientSampleId :

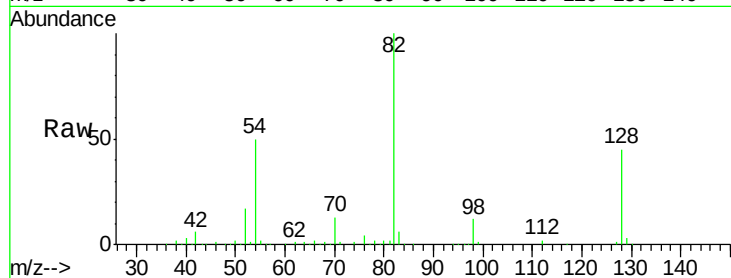
Tot Ion: 82 Resp: 262524

Ion Ratio Lower Upper

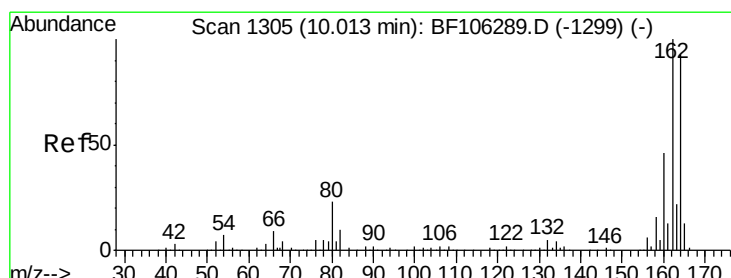
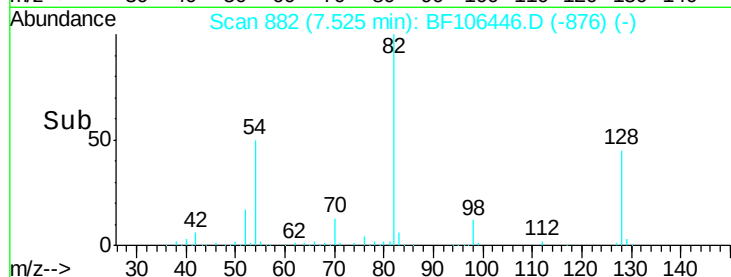
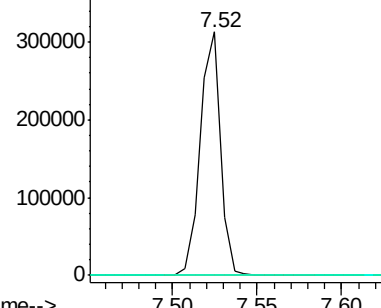
82 100

95 0.2 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: BF106446.D

Acq: 14 Jun 2018 17:03

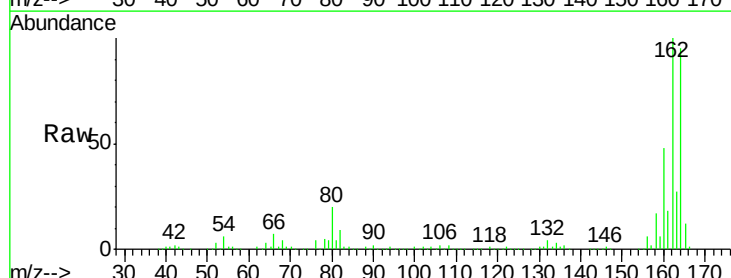
Tgt Ion: 164 Resp: 204593

Ion Ratio Lower Upper

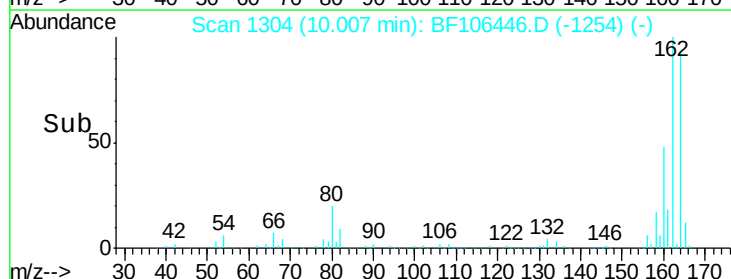
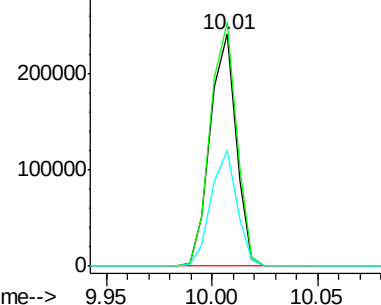
164 100

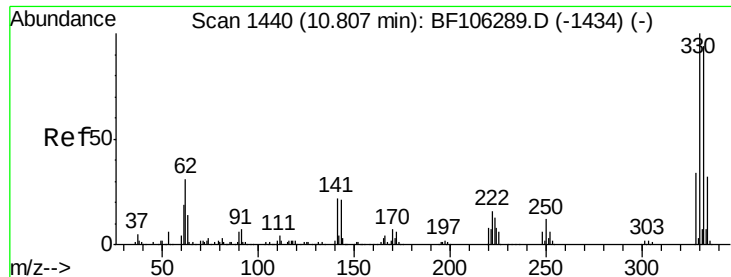
162 105.0 86.1 129.1

160 49.9 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

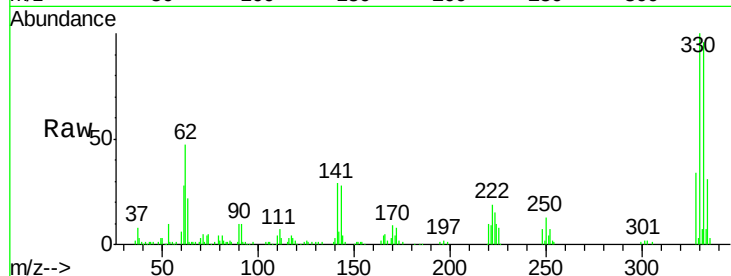




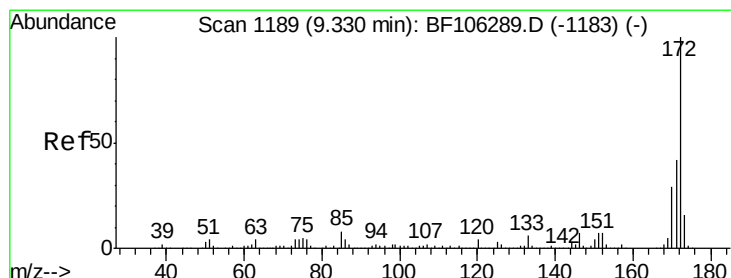
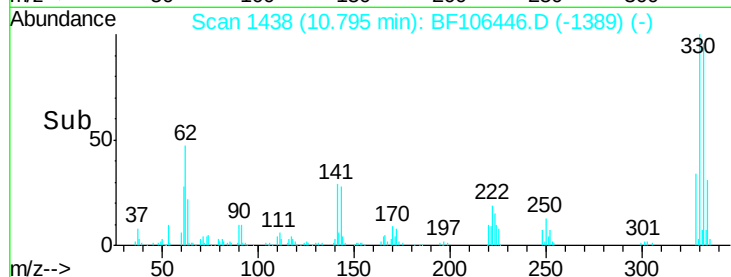
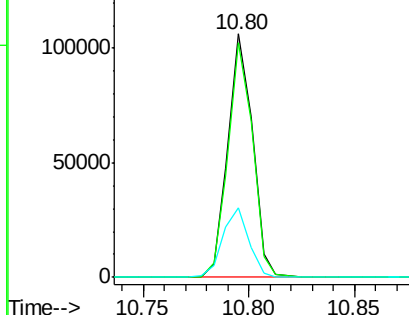
#41
 2,4,6-Tribromophenol
 Concen: 43.598 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106446.D
 Acq: 14 Jun 2018 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	30.4	29.9	44.9

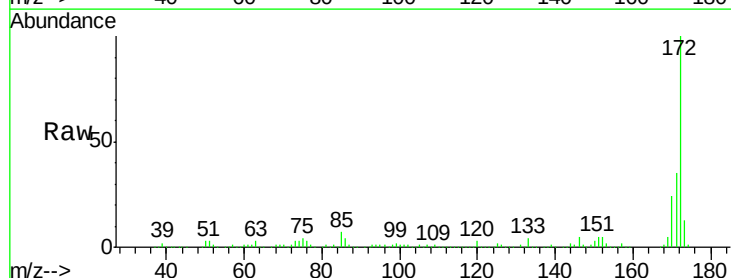


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

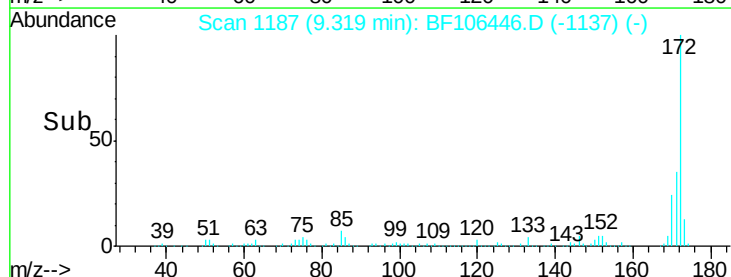
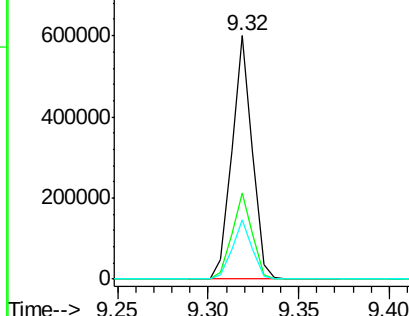


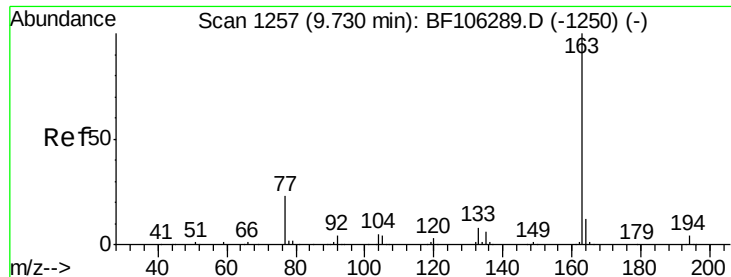
#44
 2-Fluorobiphenyl
 Concen: 30.791 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106446.D
 Acq: 14 Jun 2018 17:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.4	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

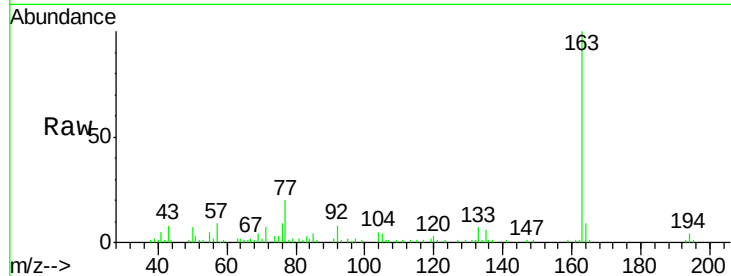




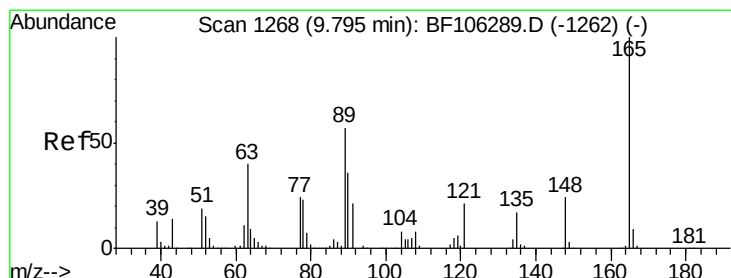
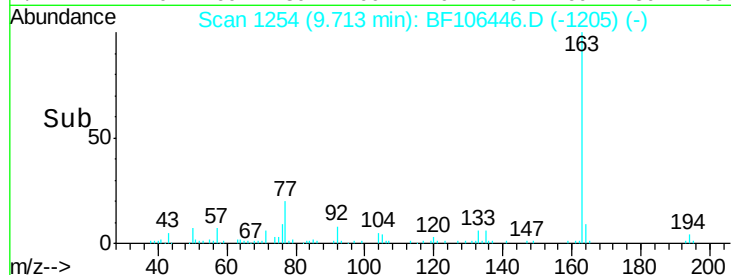
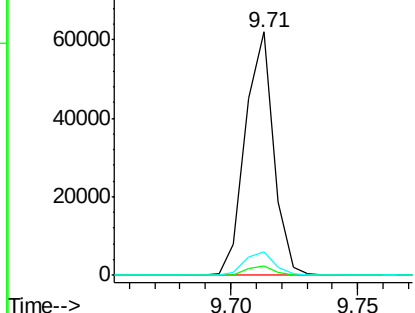
#49
Dimethylphthalate
Concen: 3.294 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106446.D
Acq: 14 Jun 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	9.4	8.2	12.2

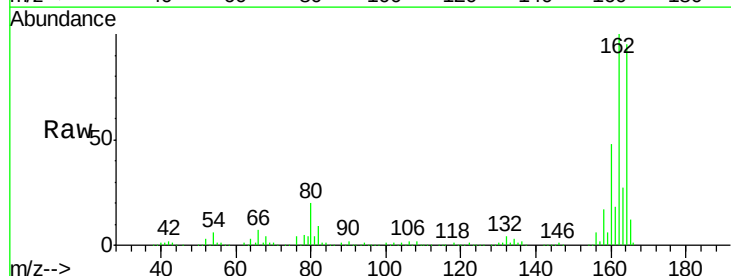


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

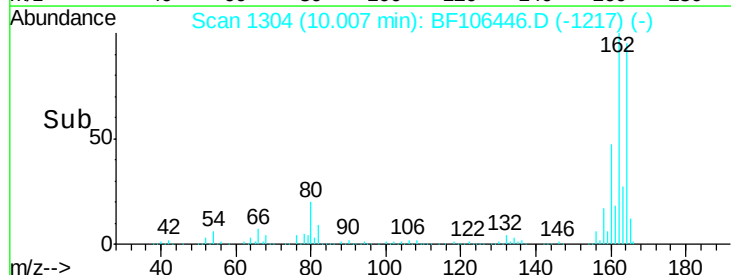
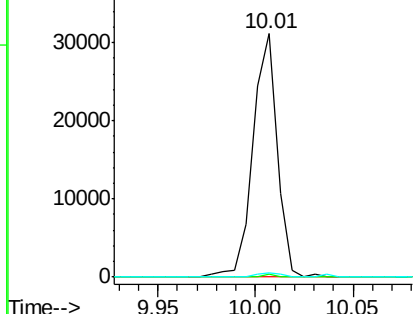


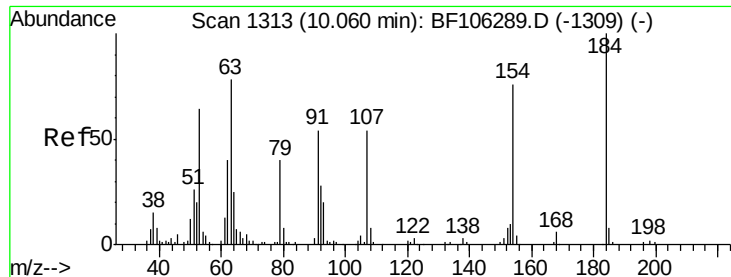
#50
2,6-Dinitrotoluene
Concen: 9.006 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF106446.D
Acq: 14 Jun 2018 17:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.5	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

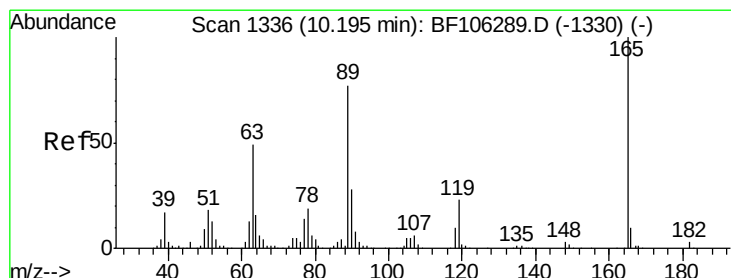
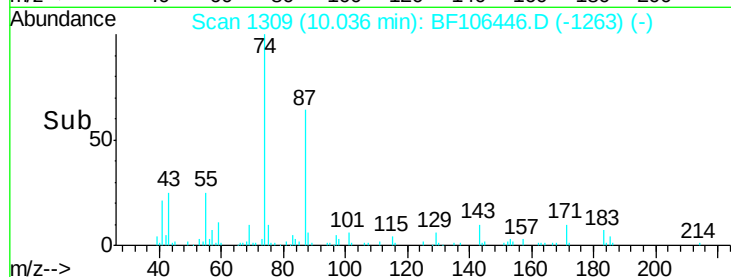
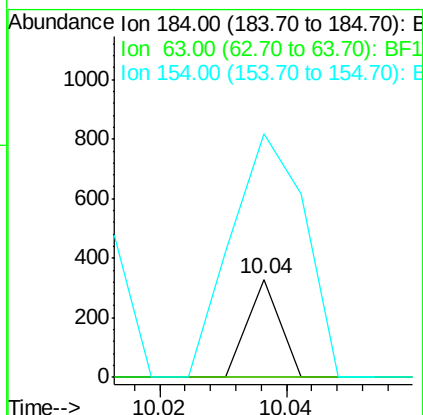
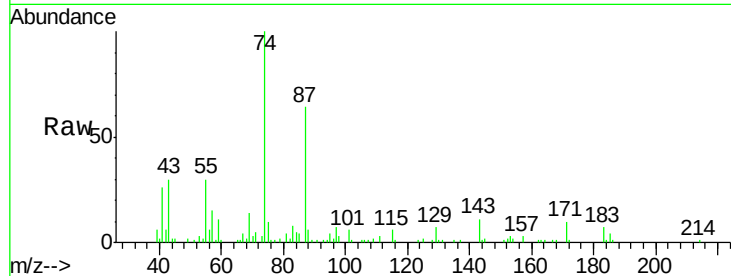




#53
2,4-Dinitrophenol
Concen: 8.689 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BF106446.D
Acq: 14 Jun 2018 17:03

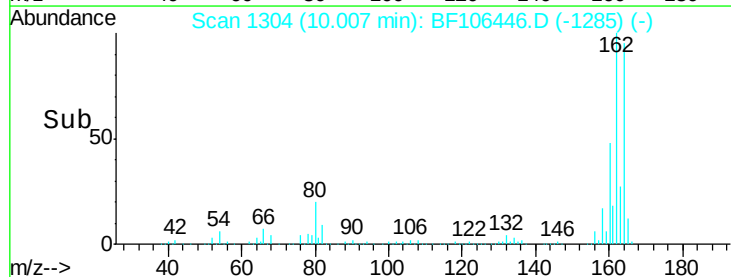
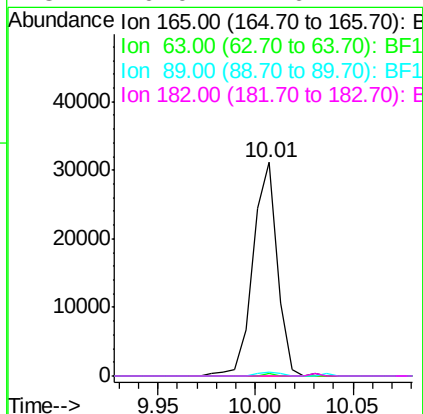
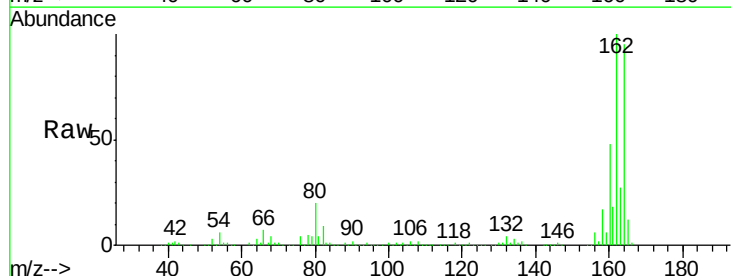
Instrument :
BNA_F
ClientSampled :

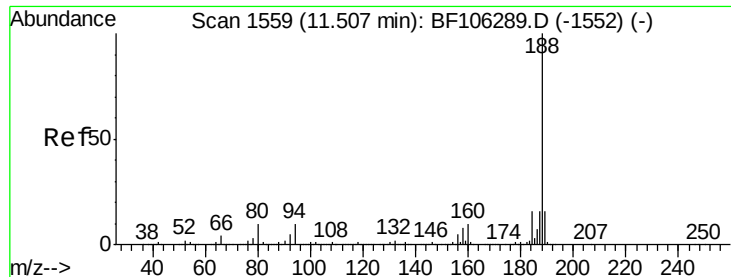
Tot Ion:184 Resp: 116
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 248.6 184.0 276.0



#56
2,4-Dinitrotoluene
Concen: 7.172 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106446.D
Acq: 14 Jun 2018 17:03

Tgt Ion:165 Resp: 26890
Ion Ratio Lower Upper
165 100
63 1.5 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: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106446.D

Acq: 14 Jun 2018 17:03

Instrument :

BNA_F

ClientSampleId :

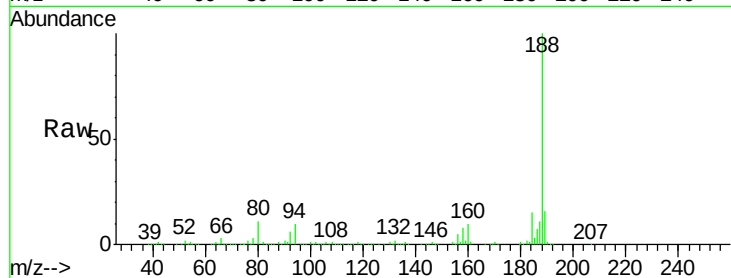
Tot Ion:188 Resp: 326256

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

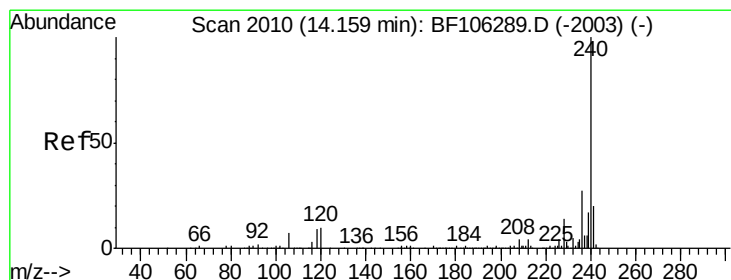
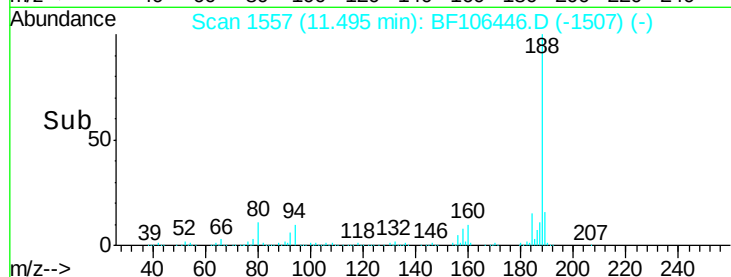
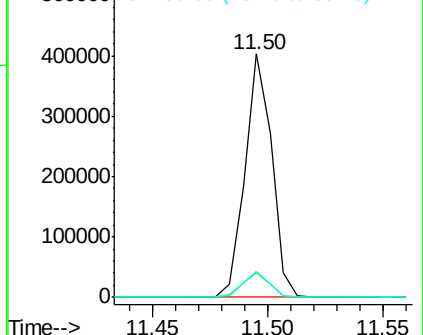
80 10.9 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106446.D

Acq: 14 Jun 2018 17:03

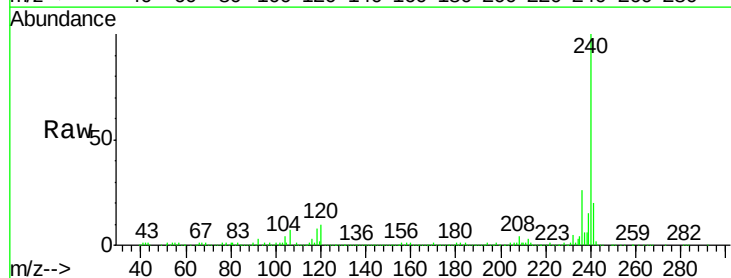
Tgt Ion:240 Resp: 344250

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

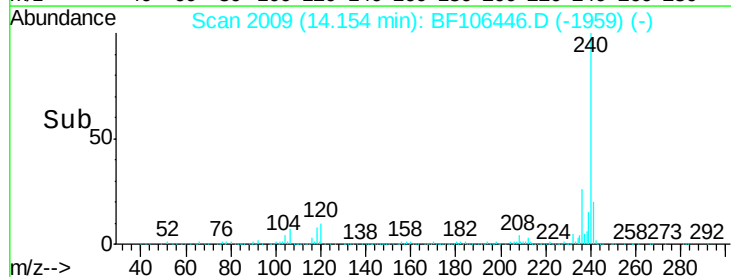
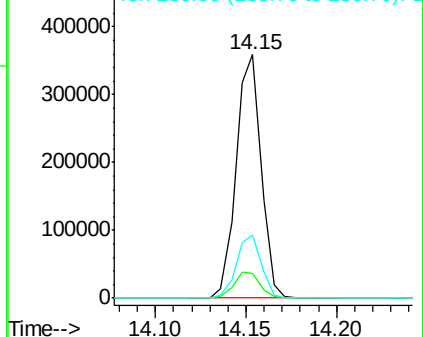
236 26.0 20.7 31.1

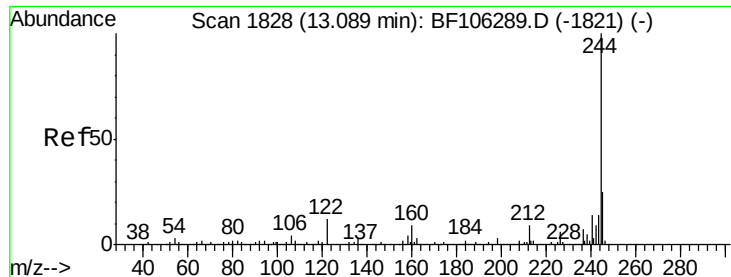


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 28.107 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106446.D

Acq: 14 Jun 2018 17:03

Instrument :

BNA_F

ClientSampleId :

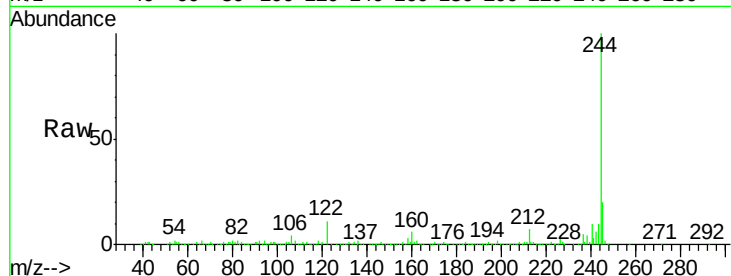
Tot Ion:244 Resp: 389558

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

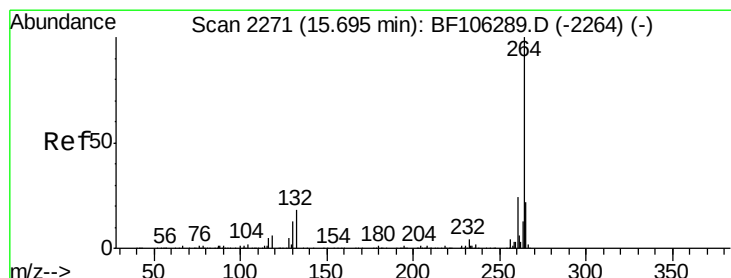
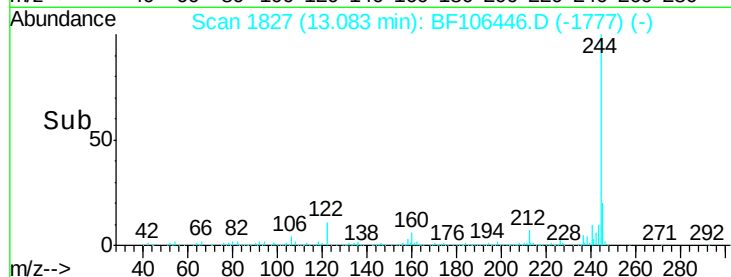
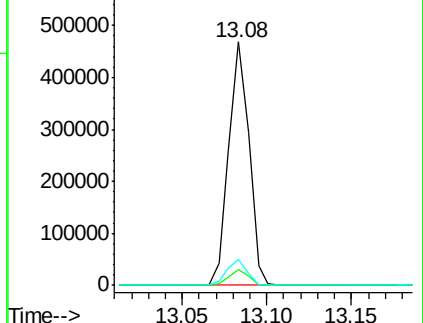
122 10.7 11.0 16.4#



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: 15.70 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BF106446.D

Acq: 14 Jun 2018 17:03

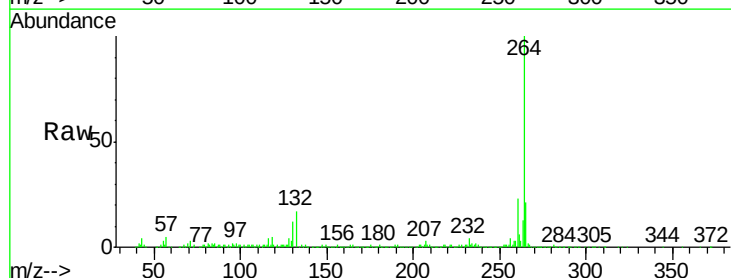
Tgt Ion:264 Resp: 279016

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.4 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

