

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
 Data File : BF106476.D
 Acq On : 15 Jun 2018 6:50
 Operator : JU/SJ
 Sample : J3475-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 061218-DBRI-F-D-S

Quant Time: Jun 15 08:27:56 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	100249	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	337198	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	132226	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	257776	20.00	ng	0.00
75) Chrysene-d12	14.15	240	274948	20.00	ng	-0.01
86) Perylene-d12	15.68	264	184325	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	297782	50.27	ng	0.00
7) Phenol-d6	6.61	99	243922	32.60	ng	0.00
23) Nitrobenzene-d5	7.53	82	599106	104.52	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	139732	109.83	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	920539	164.28	ng	0.00
78) Terphenyl-d14	13.08	244	1085704	98.08	ng	0.00

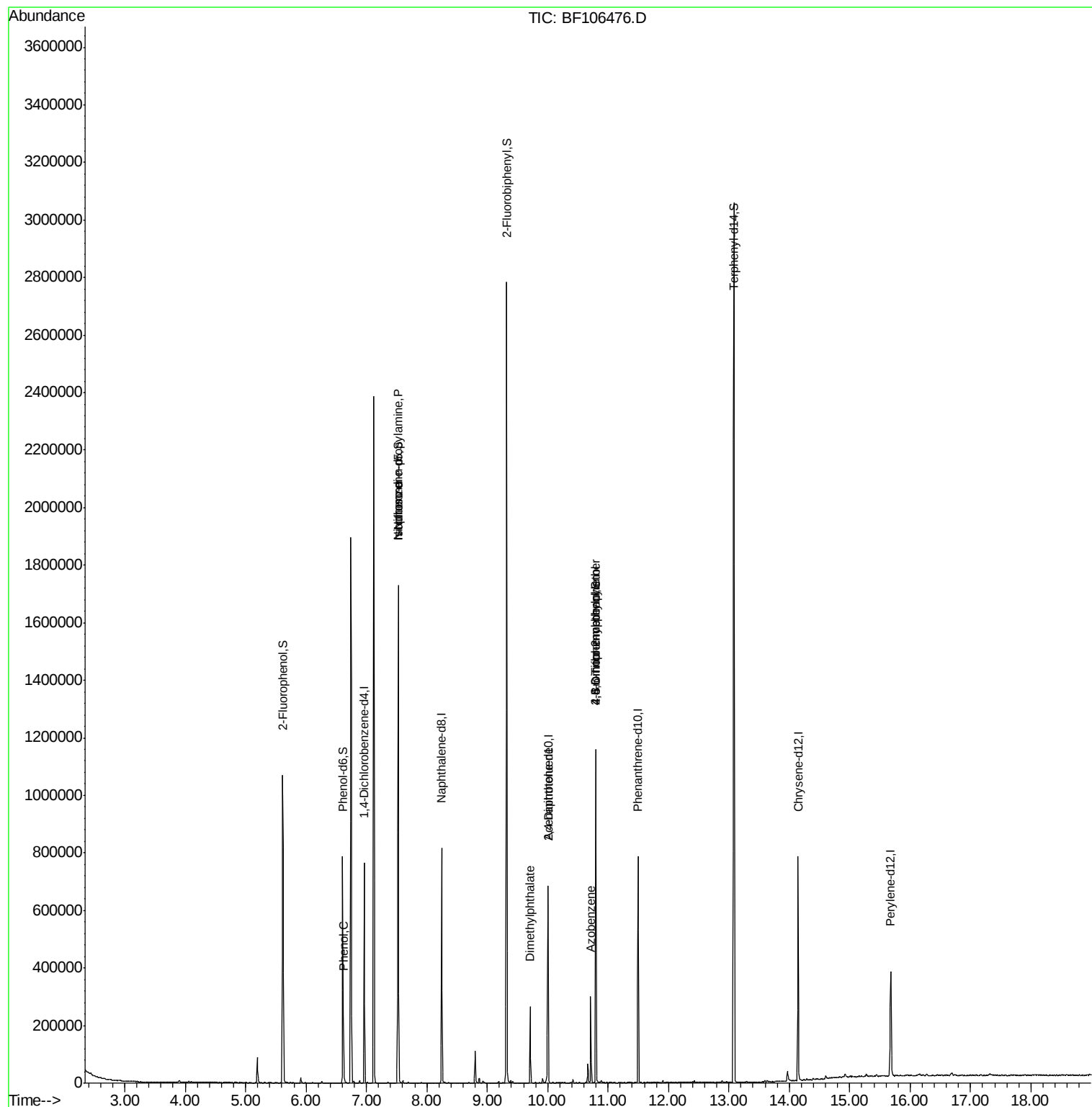
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.62	94	17091	2.092	ng	93
19) n-Nitroso-di-n-propylamine	7.53	70	80701	14.374	ng	# 73
25) Isophorone	7.53	82	599099	53.512	ng	# 64
49) Dimethylphthalate	9.71	163	108624	11.498	ng	98
56) 2,4-Dinitrotoluene	10.01	165	17027	7.027	ng	# 23
62) Azobenzene	10.71	77	54048	5.528	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.80	198	220	6.432	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	8892	3.033	ng	# 1

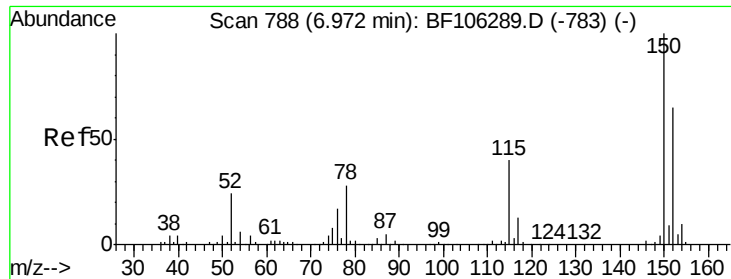
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
Data File : BF106476.D
Acq On : 15 Jun 2018 6:50
Operator : JU/SJ
Sample : J3475-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-S

Quant Time: Jun 15 08:27:56 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

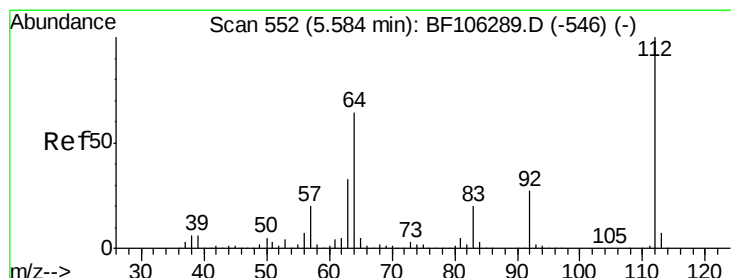
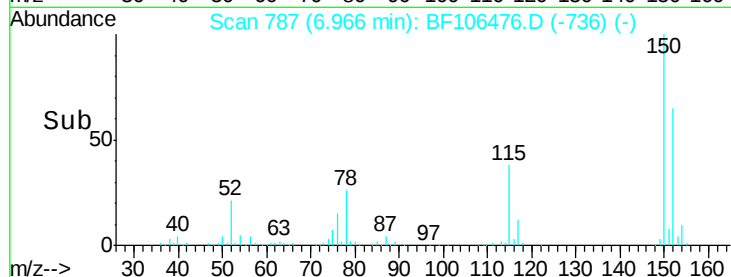
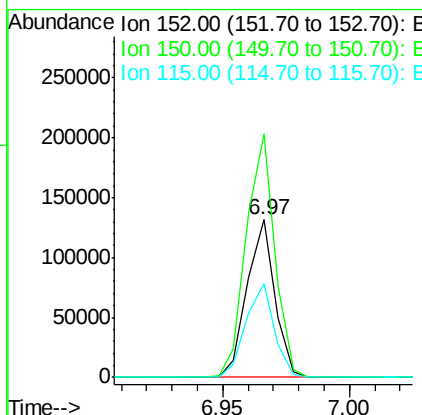
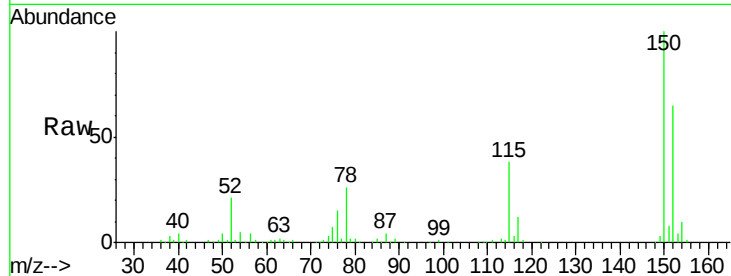




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF106476.D
 Acq: 15 Jun 2018 6:50

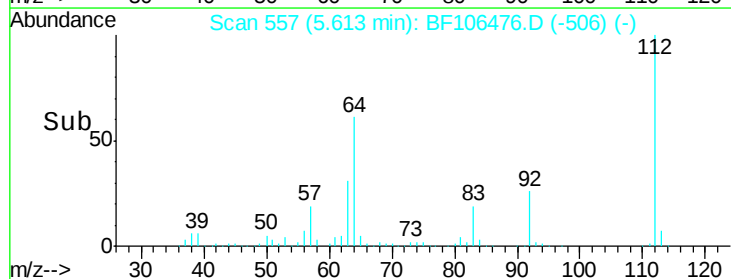
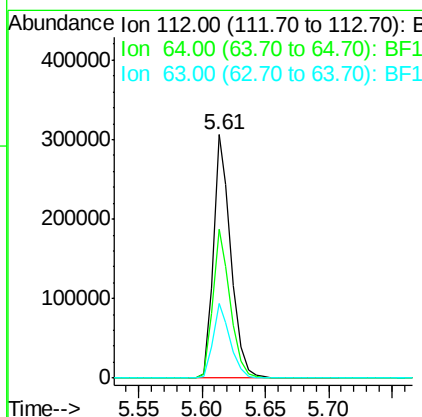
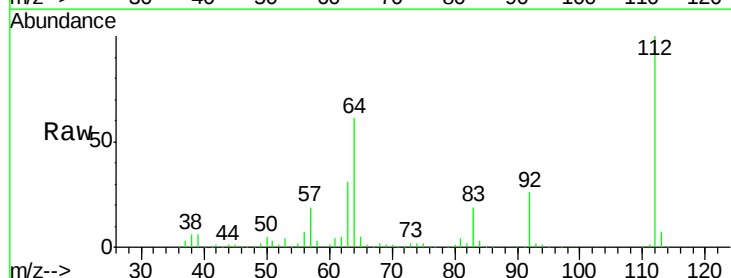
Instrument :
 BNA_F
 ClientSampleId :
 061218-DBRI-F-D-S

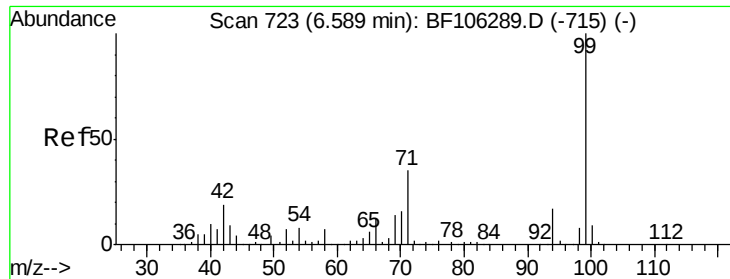
Tgt Ion:152 Resp: 100249
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.6 186.8
 115 59.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 50.274 ng
 RT: 5.61 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF106476.D
 Acq: 15 Jun 2018 6:50

Tgt Ion:112 Resp: 297782
 Ion Ratio Lower Upper
 112 100
 64 61.1 47.9 71.9
 63 30.6 23.7 35.5





#7

Phenol-d6

Concen: 32.595 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-S

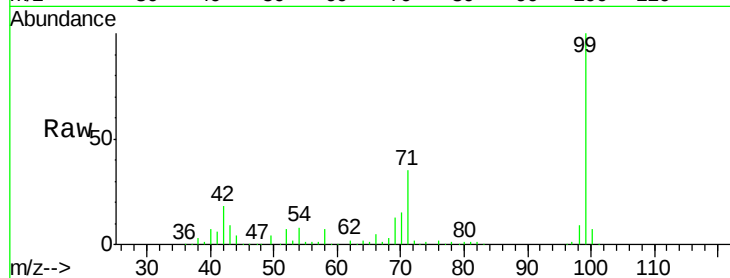
Tgt Ion: 99 Resp: 243922

Ion Ratio Lower Upper

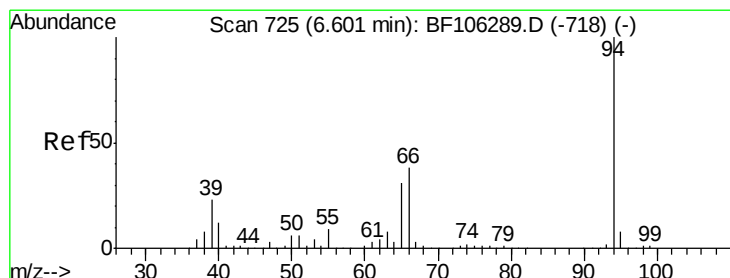
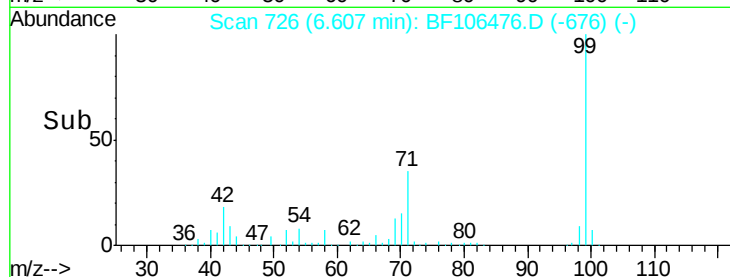
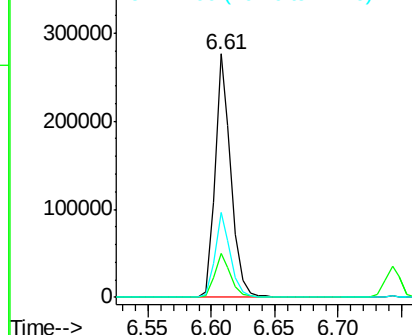
99 100

42 18.2 14.5 21.7

71 34.9 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



#10

Phenol

Concen: 2.092 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

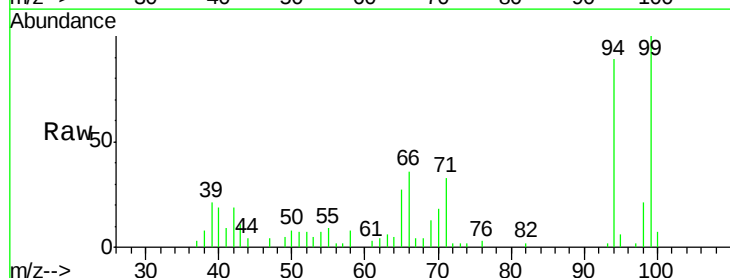
Tgt Ion: 94 Resp: 17091

Ion Ratio Lower Upper

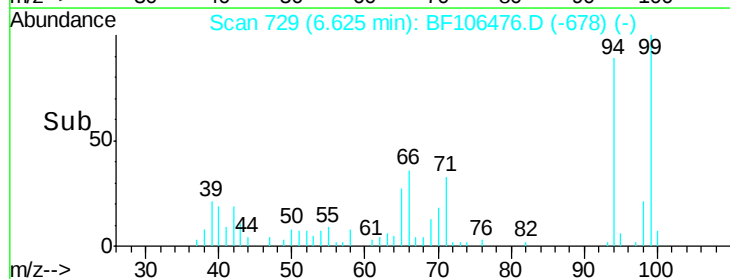
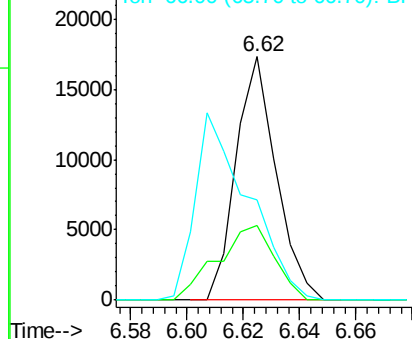
94 100

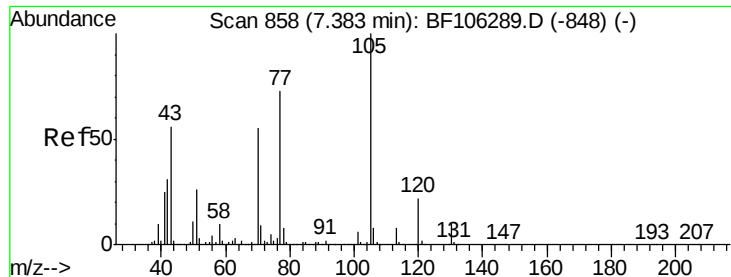
65 30.9 7.9 47.9

66 41.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

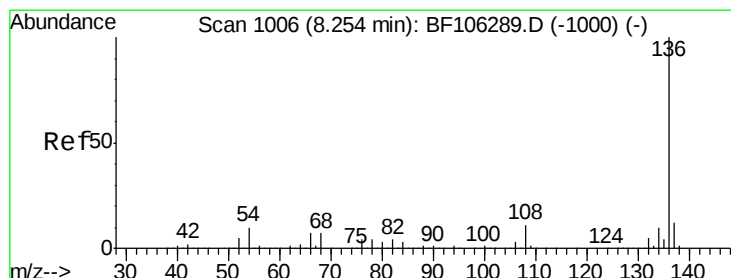
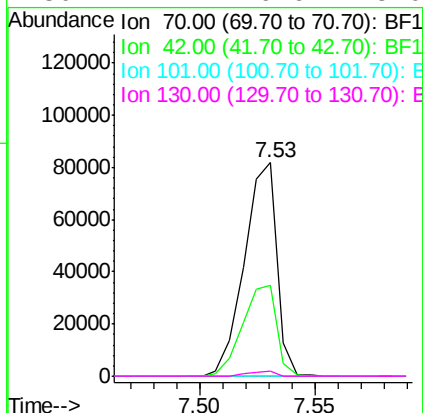
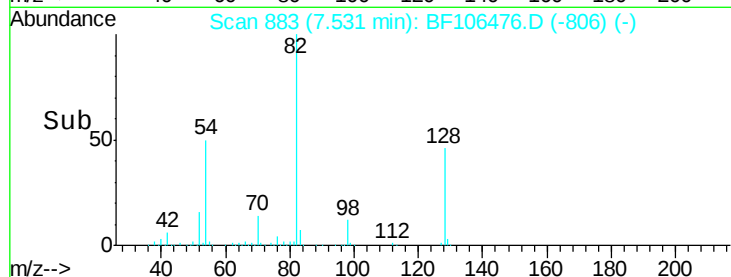
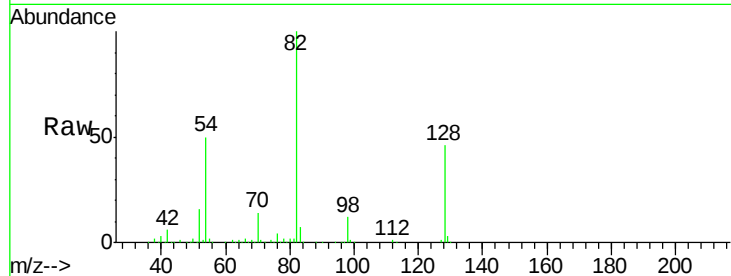




#19
n-Nitroso-di-n-propylamine
Concen: 14.374 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106476.D
Acq: 15 Jun 2018 6:50

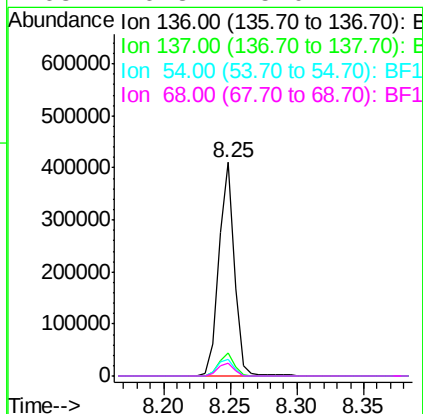
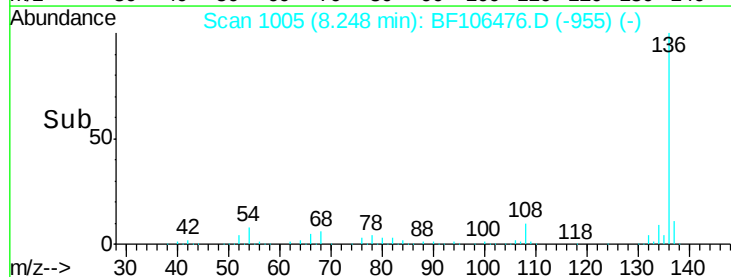
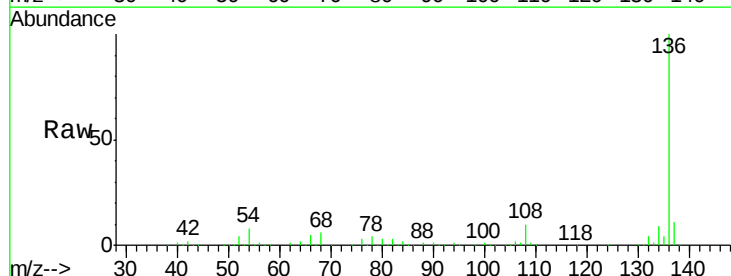
Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-S

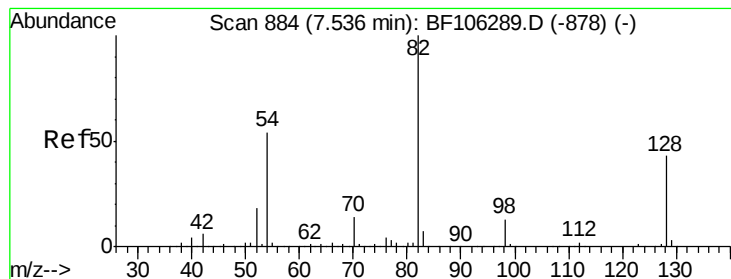
Tgt Ion: 70 Resp: 80701
Ion Ratio Lower Upper
70 100
42 42.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106476.D
Acq: 15 Jun 2018 6:50

Tgt Ion: 136 Resp: 337198
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.9 6.6 9.8
68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 104.522 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

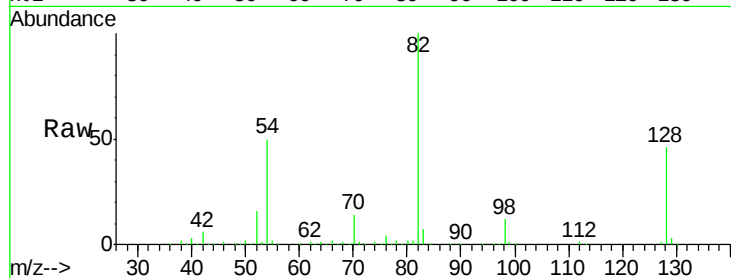
Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-S

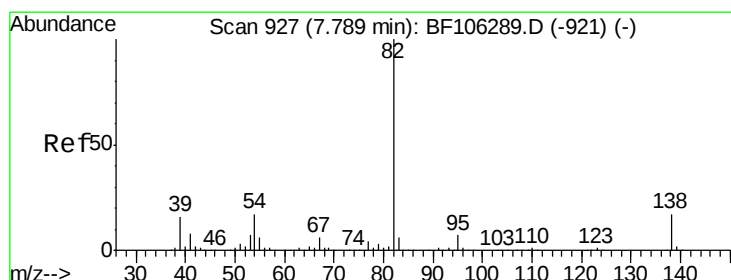
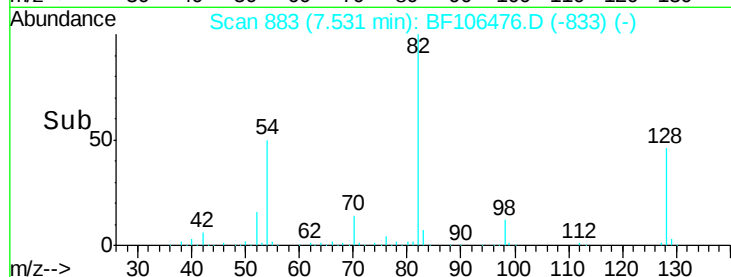
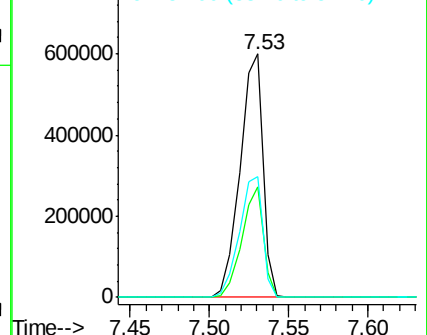
Tgt Ion:	82	Resp:	599106
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.1	54.1
54	49.6	41.4	62.2



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: 53.512 ng

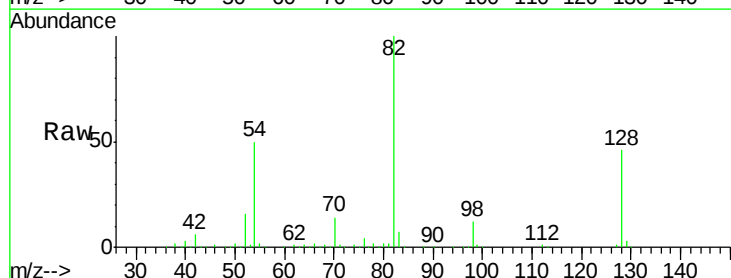
RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

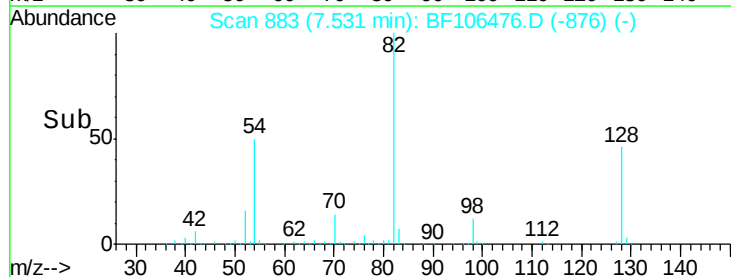
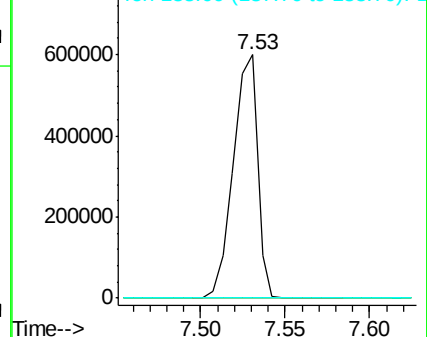
Tgt Ion:	82	Resp:	599099
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

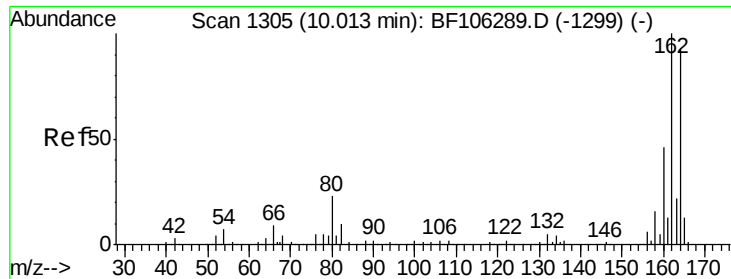


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF106476.D

Acq: 15 Jun 2018 6:50

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-S

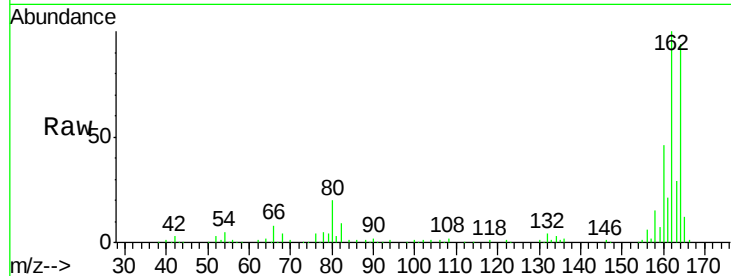
Tgt Ion:164 Resp: 132226

Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

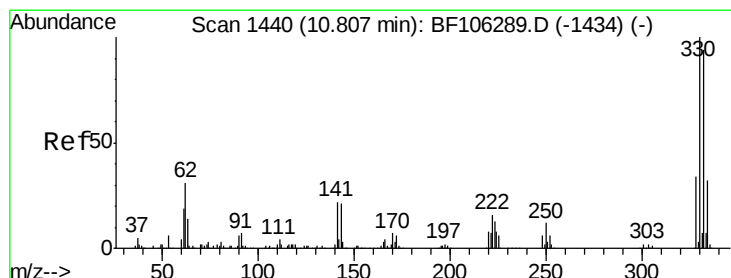
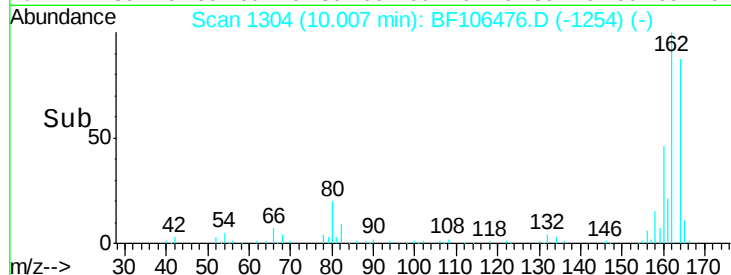
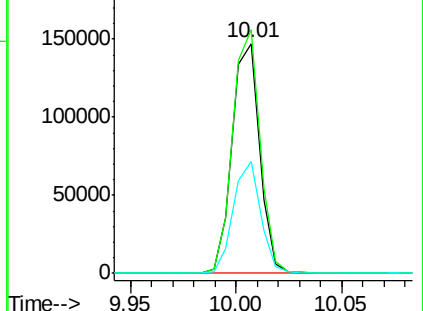
160 48.7 38.3 57.5



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: 109.831 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

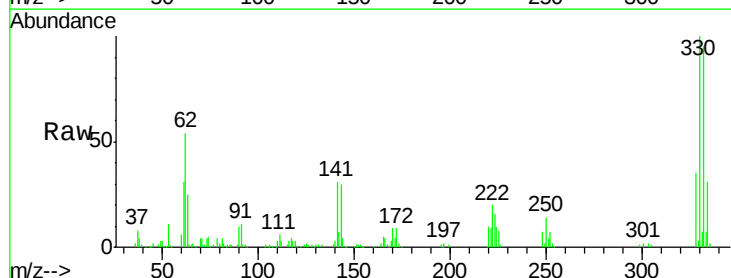
Tgt Ion:330 Resp: 139732

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

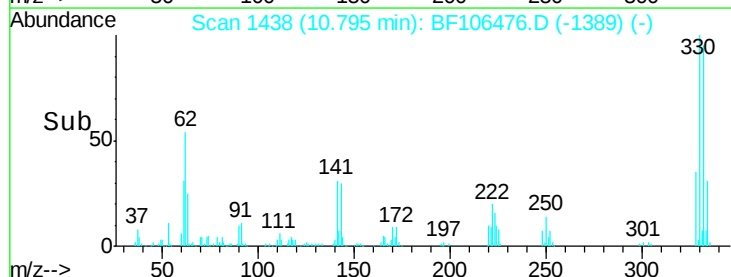
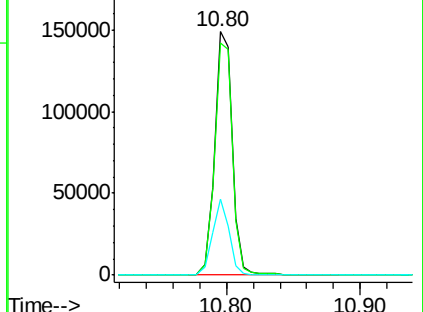
141 28.9 29.9 44.9#

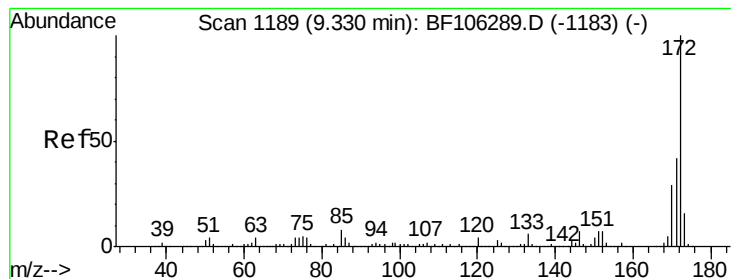


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 164.284 ng

RT: 9.32 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-S

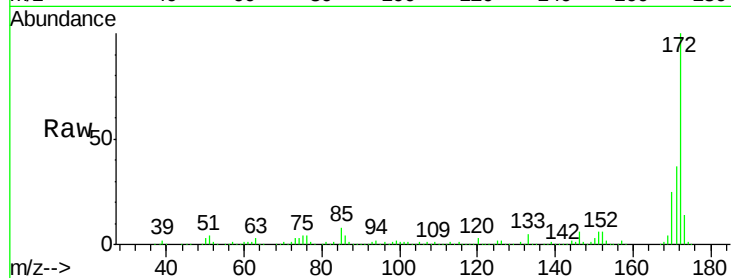
Tgt Ion:172 Resp: 920539

Ion Ratio Lower Upper

172 100

171 37.0 29.7 44.5

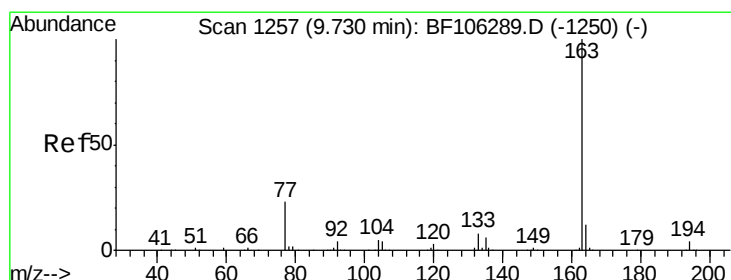
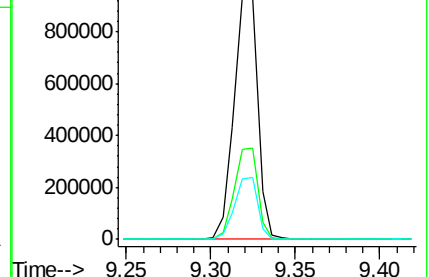
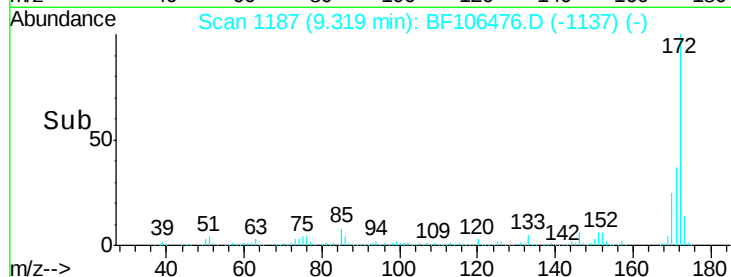
170 25.0 19.6 29.4



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: 11.498 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

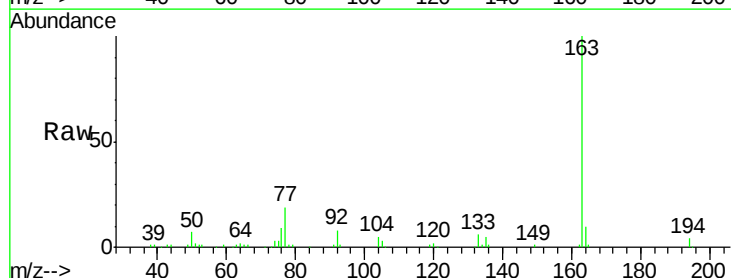
Tgt Ion:163 Resp: 108624

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

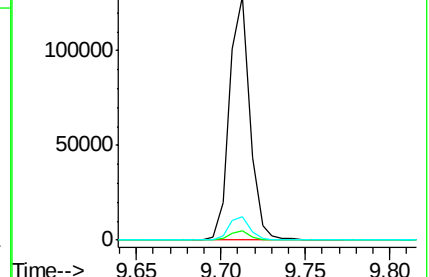
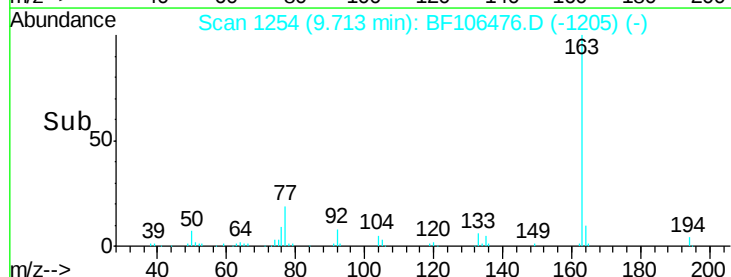
164 9.5 8.2 12.2

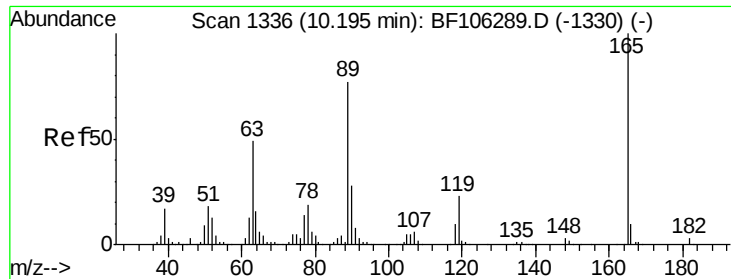


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

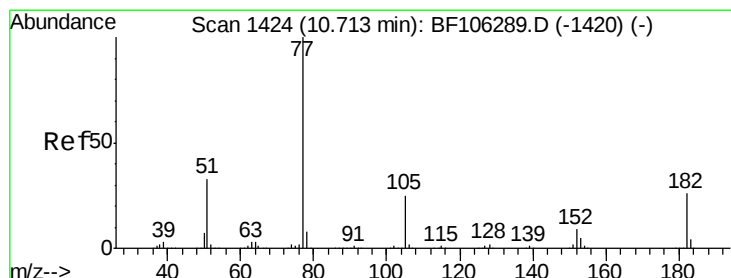
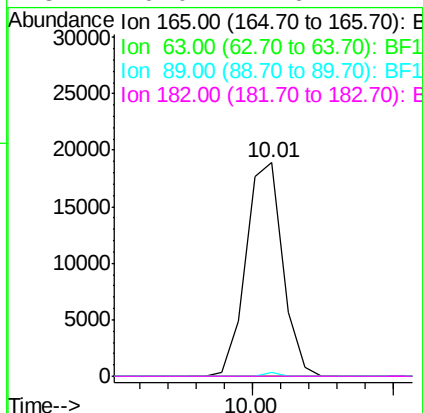
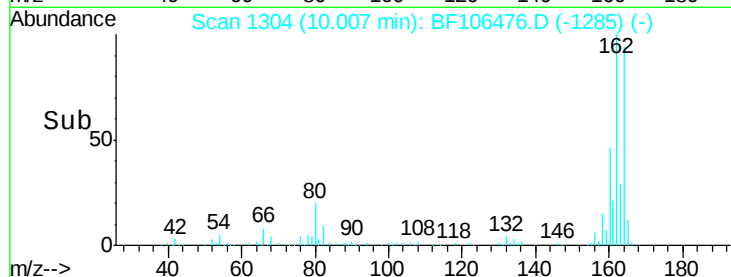
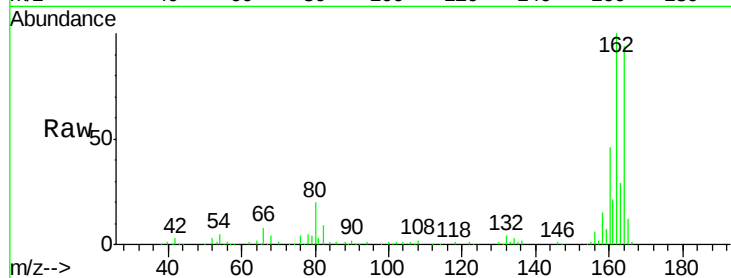




#56
2,4-Dinitrotoluene
Concen: 7.027 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106476.D
Acq: 15 Jun 2018 6:50

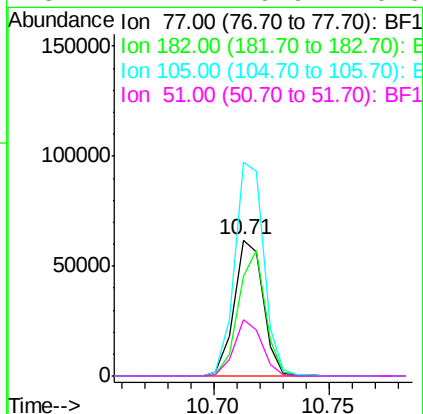
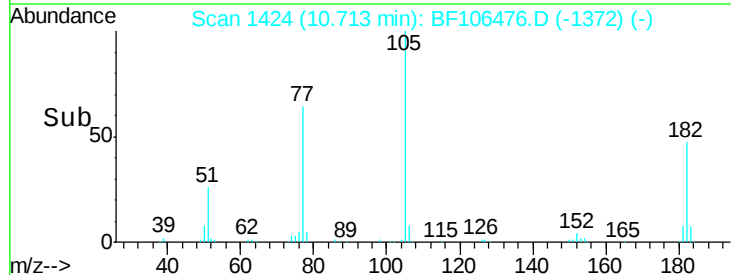
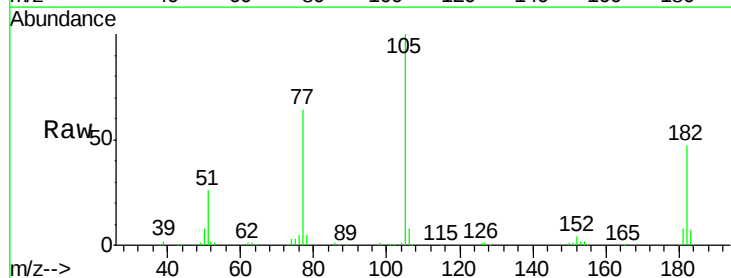
Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-S

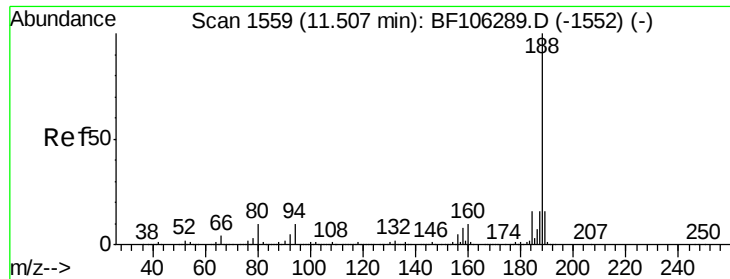
Tgt Ion:	165	Resp:	17027
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



#62
Azobenzene
Concen: 5.528 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF106476.D
Acq: 15 Jun 2018 6:50

Tgt Ion:	77	Resp:	54048
Ion	Ratio	Lower	Upper
77	100		
182	73.3	1.7	41.7#
105	157.2	3.0	43.0#
51	41.2	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-S

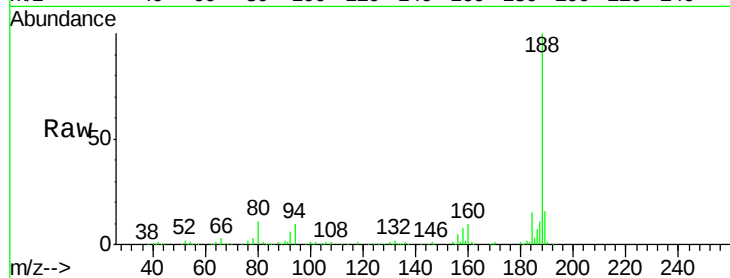
Tgt Ion:188 Resp: 257776

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

80 11.0 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

400000

300000

200000

100000

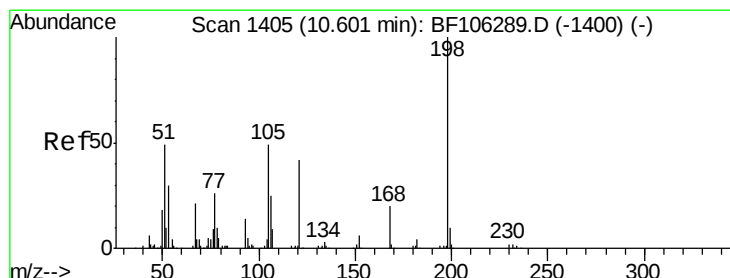
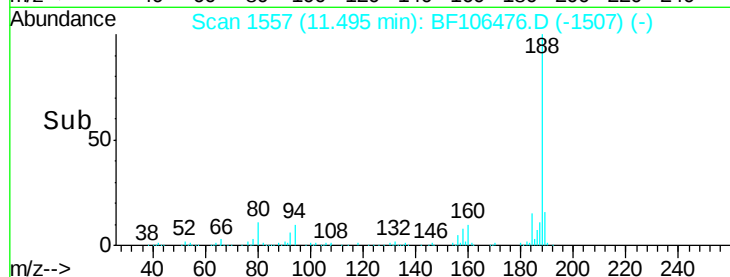
0

11.45

11.50

11.55

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 6.432 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.19 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

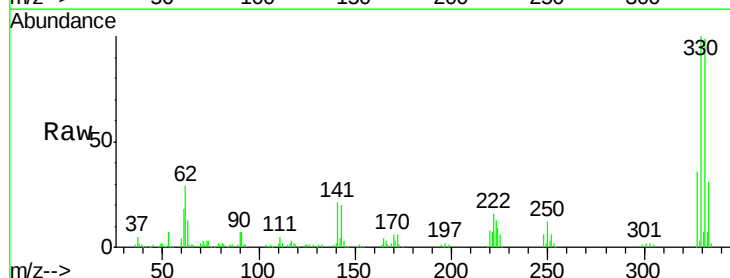
Tgt Ion:198 Resp: 220

Ion Ratio Lower Upper

198 100

51 136.6 37.7 77.7#

105 148.4 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

800

600

400

200

0

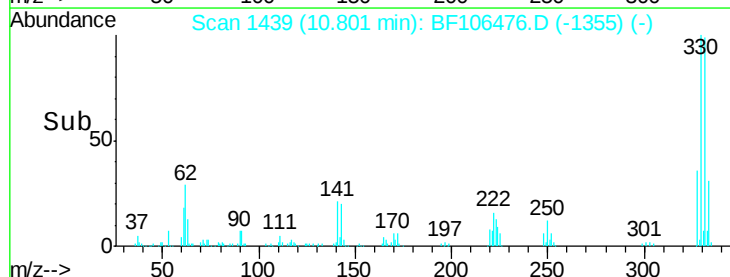
10.76

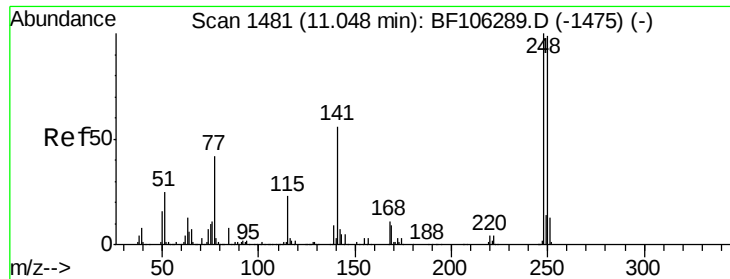
10.78

10.80

10.82

Time-->

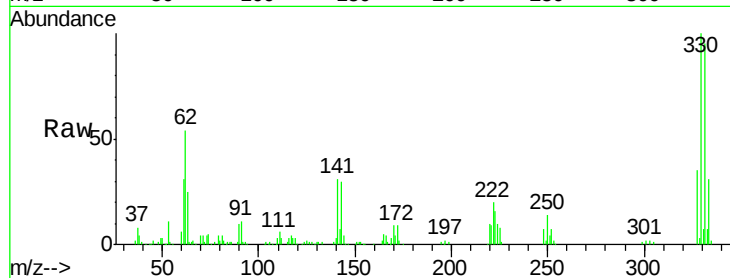




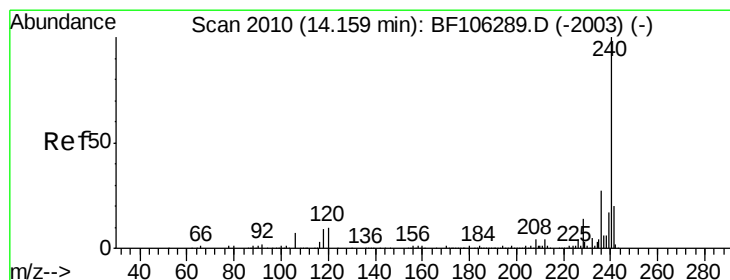
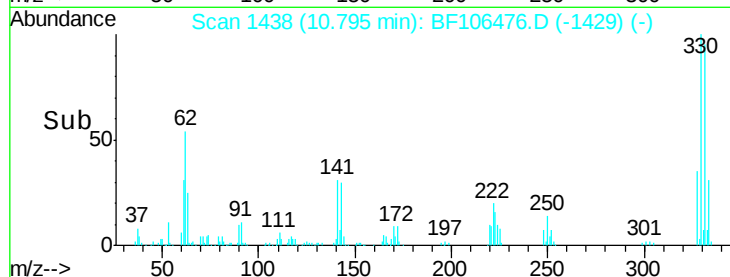
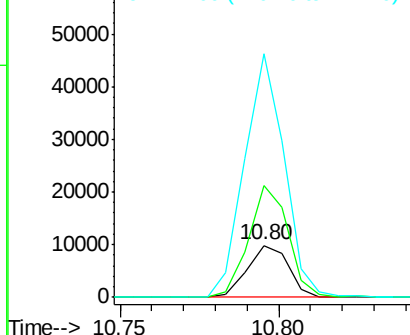
#66
4-Bromophenyl-phenylether
Concen: 3.033 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF106476.D
Acq: 15 Jun 2018 6:50

Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-S

Tgt Ion:248 Resp: 8892
Ion Ratio Lower Upper
248 100
250 214.7 76.9 115.3#
141 468.5 74.4 111.6#

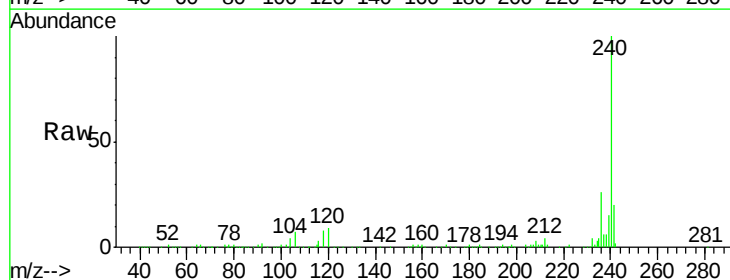


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

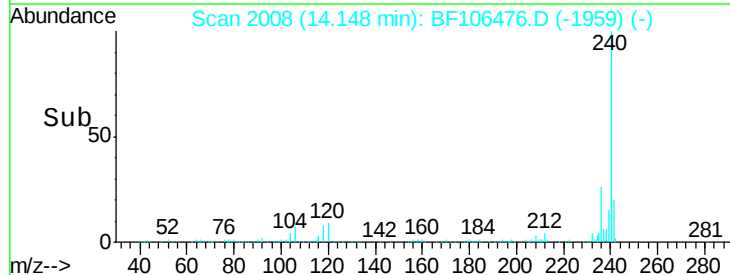
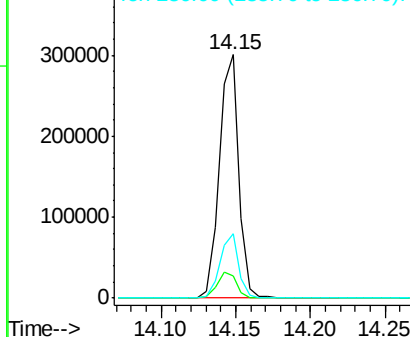


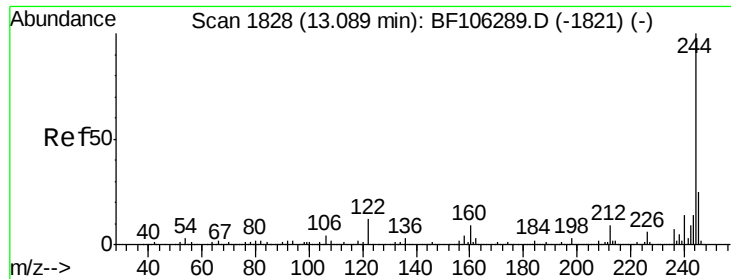
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106476.D
Acq: 15 Jun 2018 6:50

Tgt Ion:240 Resp: 274948
Ion Ratio Lower Upper
240 100
120 9.2 9.5 14.3#
236 26.3 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: 98.079 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-S

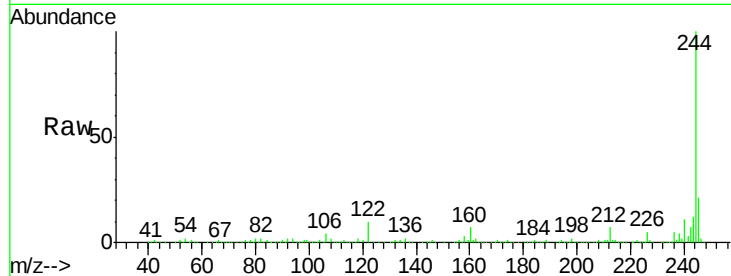
Tgt Ion:244 Resp: 1085704

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

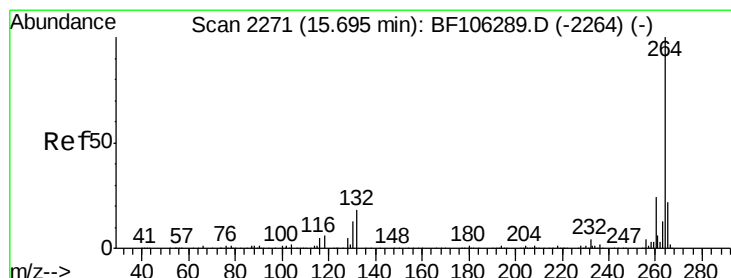
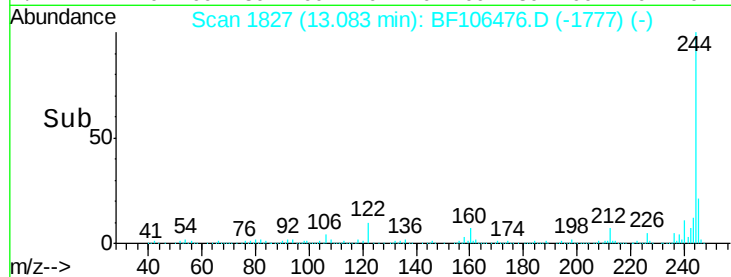
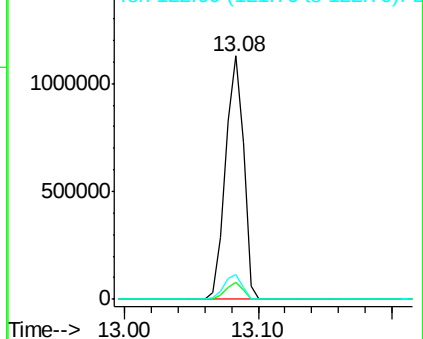
122 10.3 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BF106476.D

Acq: 15 Jun 2018 6:50

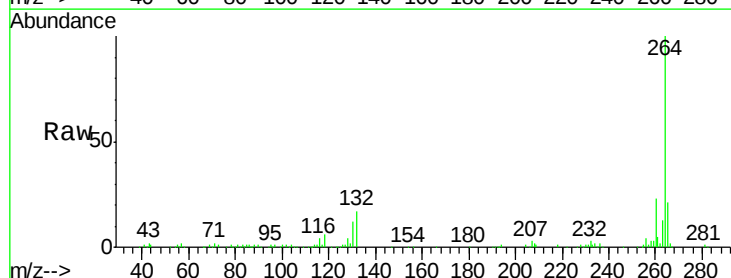
Tgt Ion:264 Resp: 184325

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.0 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

