

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106299.D
 Acq On : 11 Jun 2018 17:21
 Operator : JU/SJ
 Sample : J3240-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-060718

Quant Time: Jun 12 01:42:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

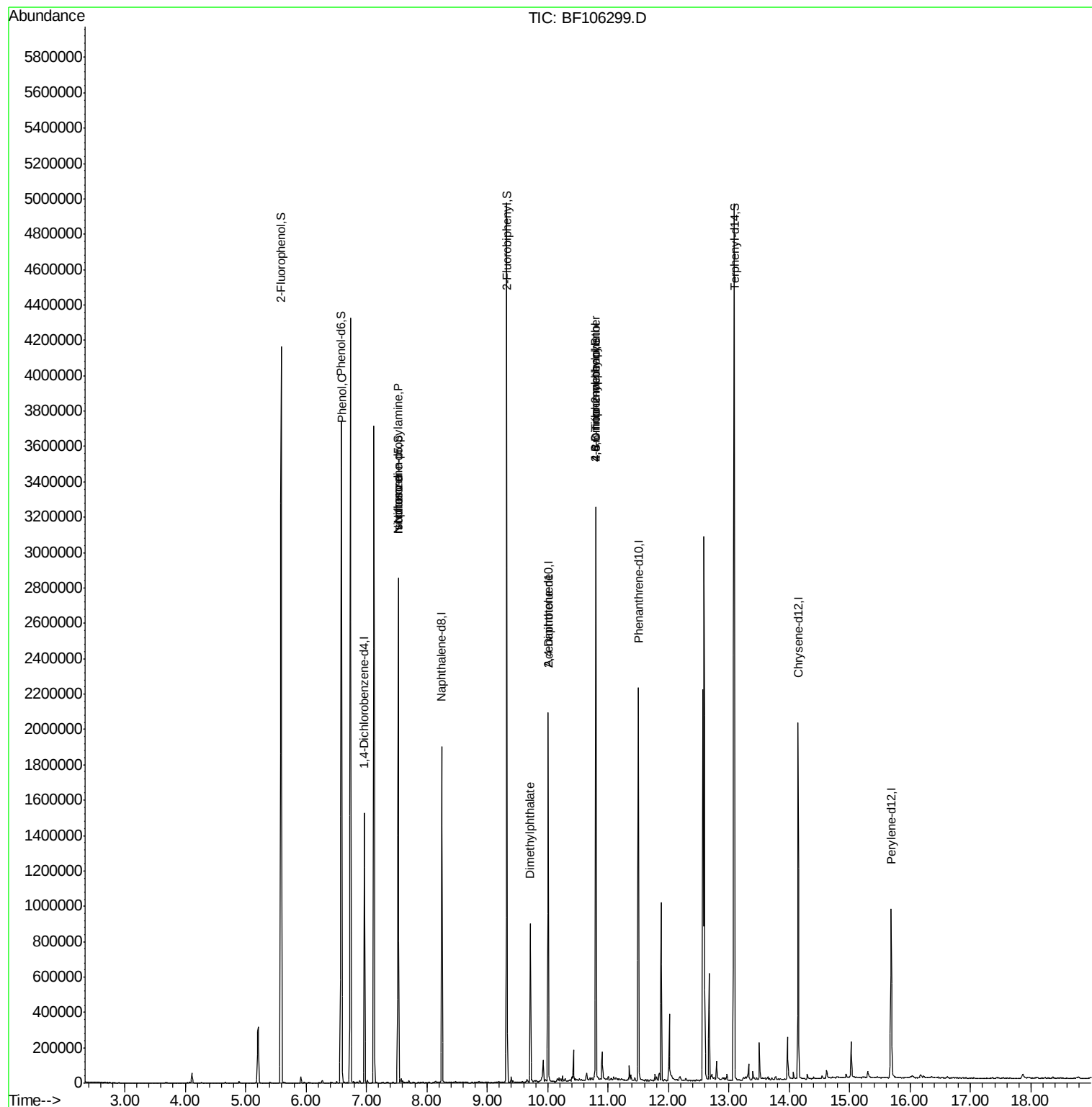
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	206635	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	785378	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	382643	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	785878	20.00	ng	0.00
75) Chrysene-d12	14.15	240	664055	20.00	ng	-0.01
86) Perylene-d12	15.69	264	474110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1174490	96.20	ng	0.00
7) Phenol-d6	6.58	99	1488630	96.51	ng	0.00
23) Nitrobenzene-d5	7.53	82	970157	72.67	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	445167	120.91	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1478852	62.85	ng	0.00
78) Terphenyl-d14	13.09	244	1732069	64.79	ng	0.00
Target Compounds						
10) Phenol	6.60	94	42165	2.504	ng	95
19) n-Nitroso-di-n-propylamine	7.53	70	134396	11.614	ng	# 75
25) Isophorone	7.53	82	970144	37.204	ng	# 64
49) Dimethylphthalate	9.71	163	324612	11.874	ng	100
56) 2,4-Dinitrotoluene	10.01	165	50227	7.163	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	1084	6.517	ng	# 5
66) 4-Bromophenyl-phenylether	10.80	248	28566	3.196	ng	# 1

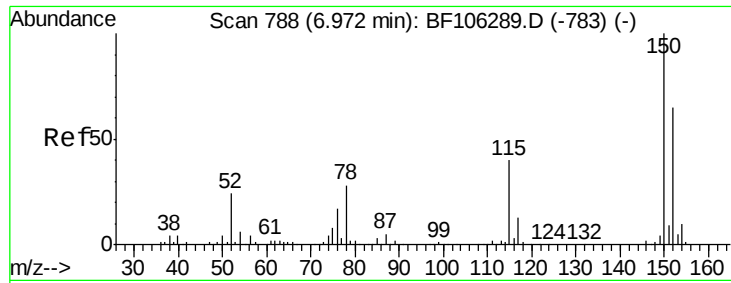
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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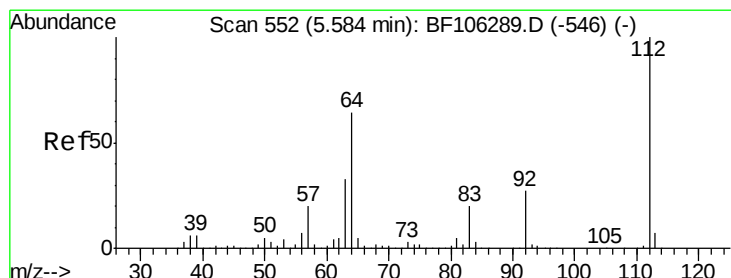
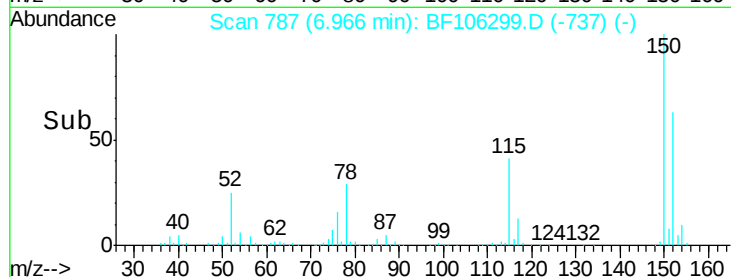
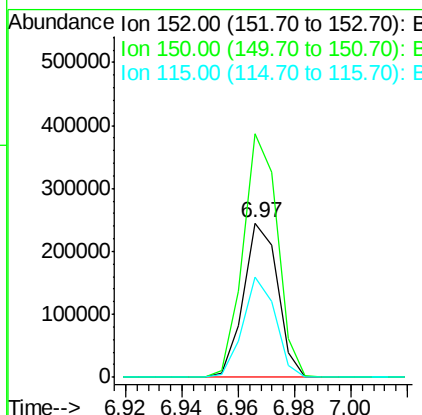
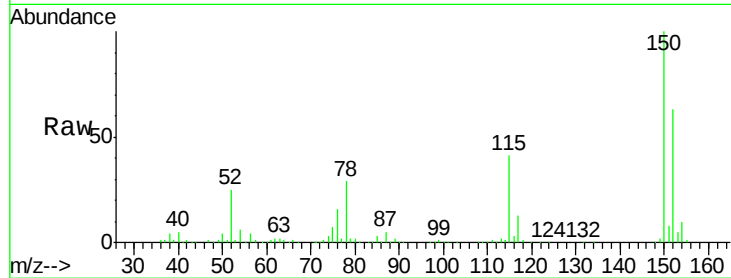




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF106299.D
 Acq: 11 Jun 2018 17:21

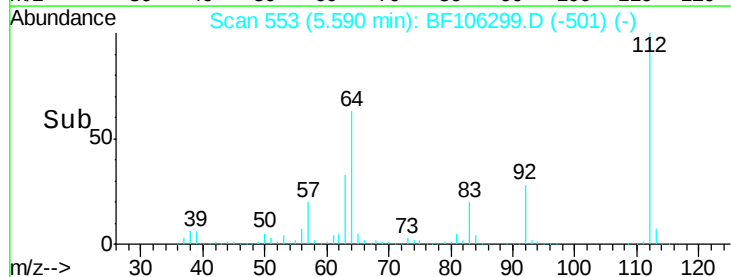
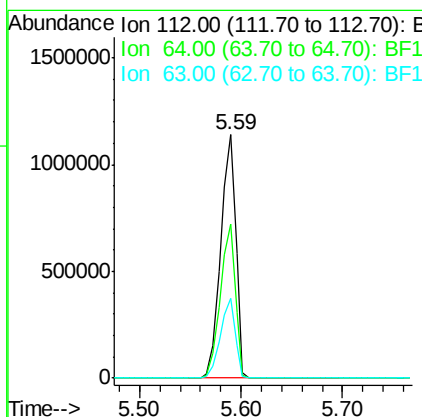
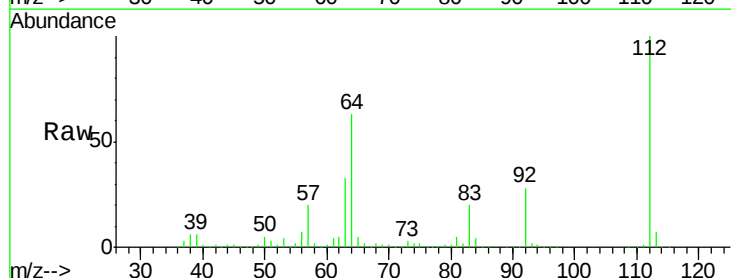
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-060718

Tgt Ion:152 Resp: 206635
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 65.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 96.200 ng
 RT: 5.59 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF106299.D
 Acq: 11 Jun 2018 17:21

Tgt Ion:112 Resp: 1174490
 Ion Ratio Lower Upper
 112 100
 64 63.3 47.9 71.9
 63 32.8 23.7 35.5





#7

Phenol-d6

Concen: 96.509 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF106299.D

Acq: 11 Jun 2018 17:21

Instrument :

BNA_F

ClientSampleId :

BU-02-060718

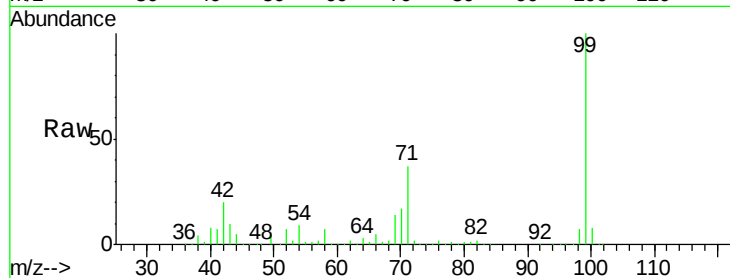
Tgt Ion: 99 Resp: 1488630

Ion Ratio Lower Upper

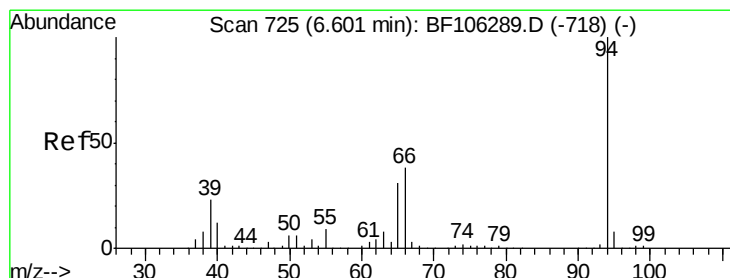
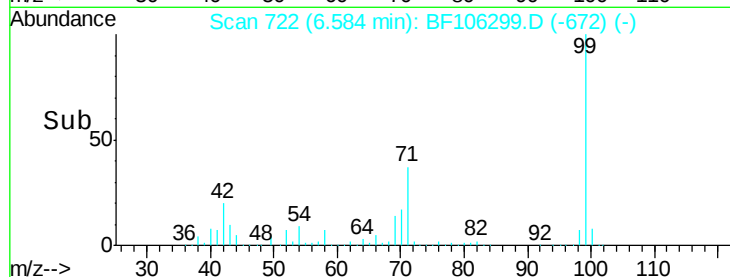
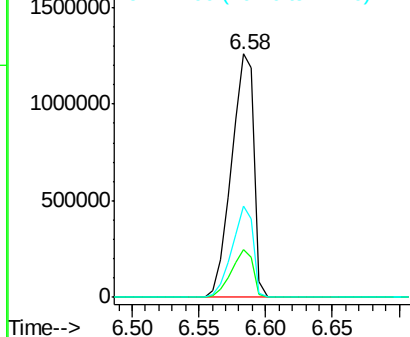
99 100

42 19.7 14.5 21.7

71 37.5 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: 2.504 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106299.D

Acq: 11 Jun 2018 17:21

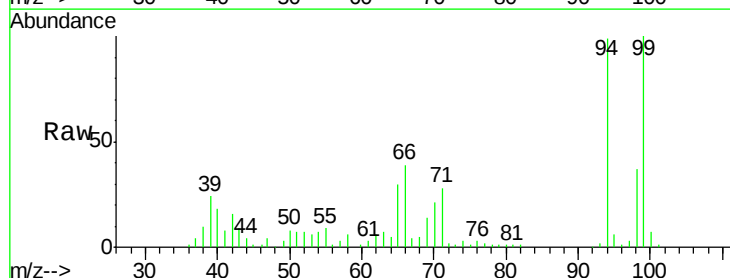
Tgt Ion: 94 Resp: 42165

Ion Ratio Lower Upper

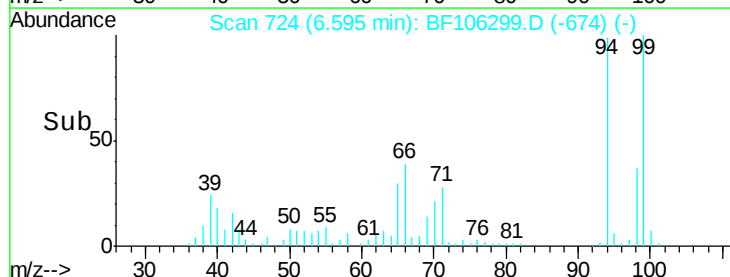
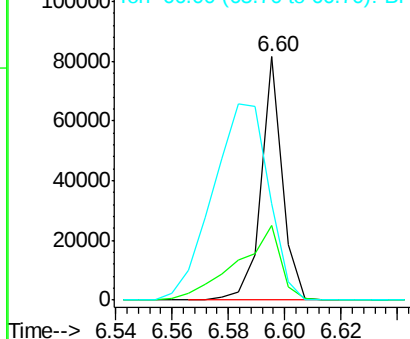
94 100

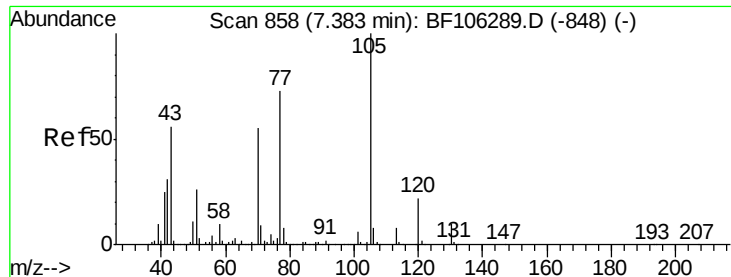
65 30.7 7.9 47.9

66 39.5 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

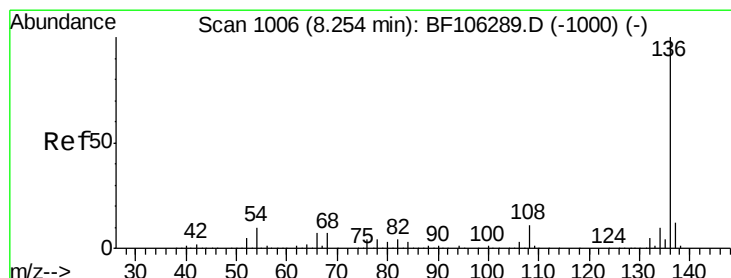
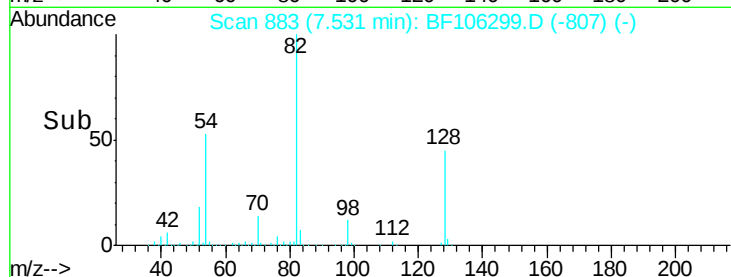
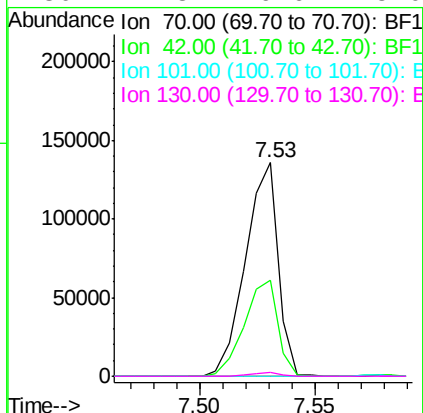
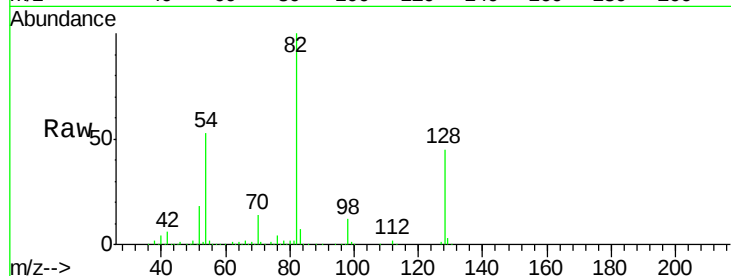




#19
n-Nitroso-di-n-propylamine
Concen: 11.614 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106299.D
Acq: 11 Jun 2018 17:21

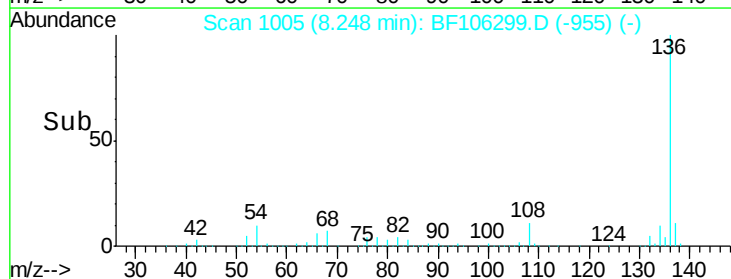
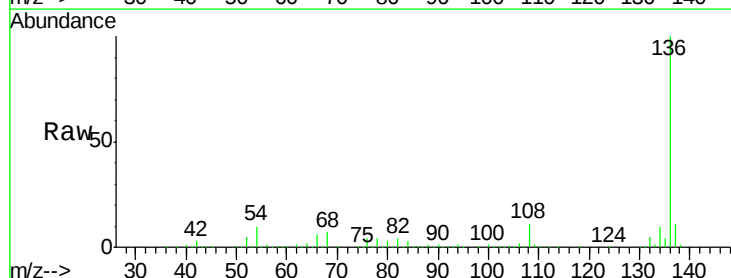
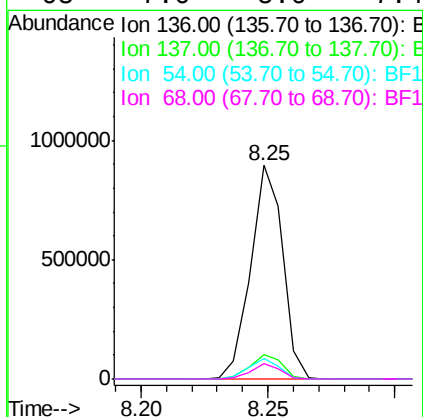
Instrument :
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BU-02-060718

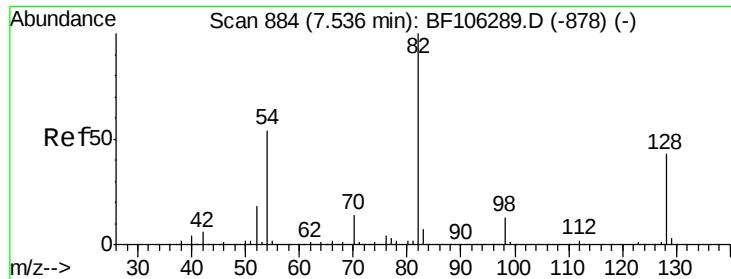
Tgt Ion: 70 Resp: 134396
Ion Ratio Lower Upper
70 100
42 44.8 47.5 71.3#
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106299.D
Acq: 11 Jun 2018 17:21

Tgt Ion: 136 Resp: 785378
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 9.6 6.6 9.8
68 7.0 5.0 7.4

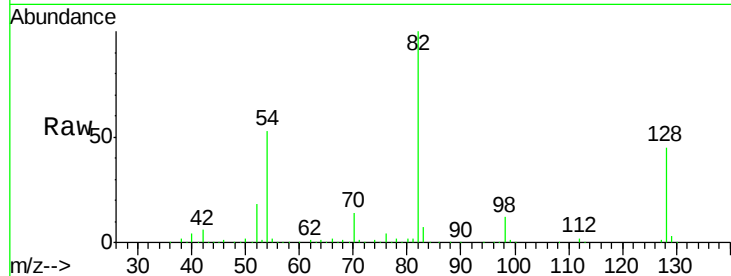




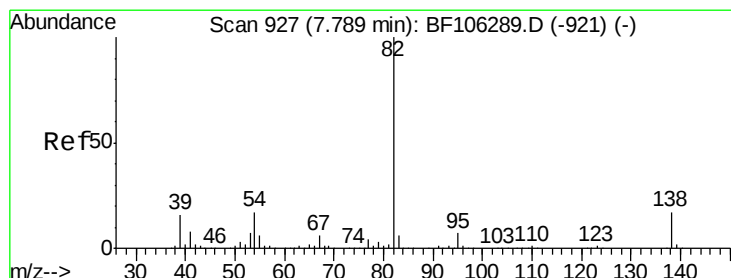
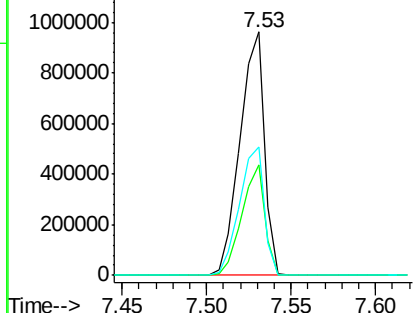
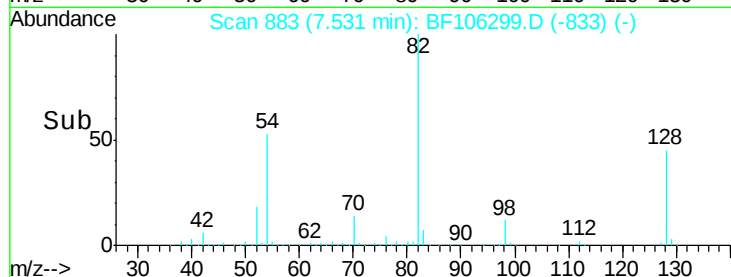
#23
Nitrobenzene-d5
Concen: 72.669 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106299.D
Acq: 11 Jun 2018 17:21

Instrument :
BNA_F
ClientSampleId :
BU-02-060718

Tgt Ion: 82 Resp: 970157
Ion Ratio Lower Upper
82 100
128 45.3 36.1 54.1
54 52.6 41.4 62.2

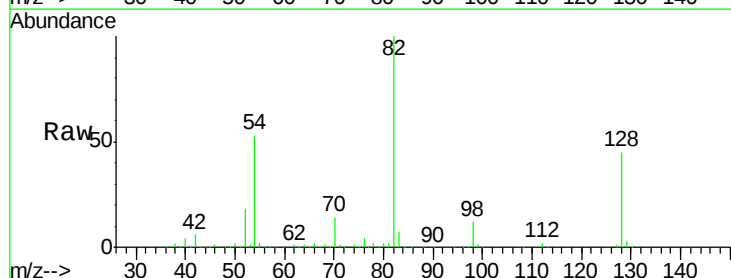


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

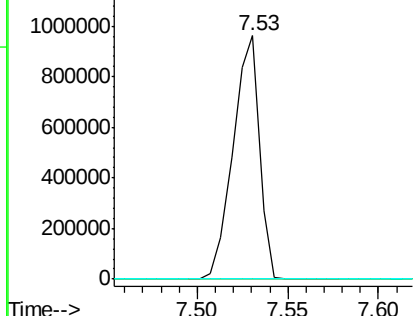
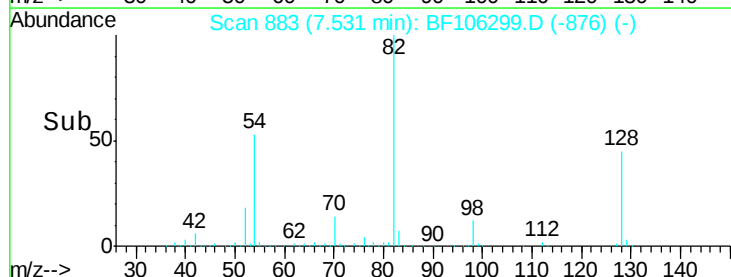


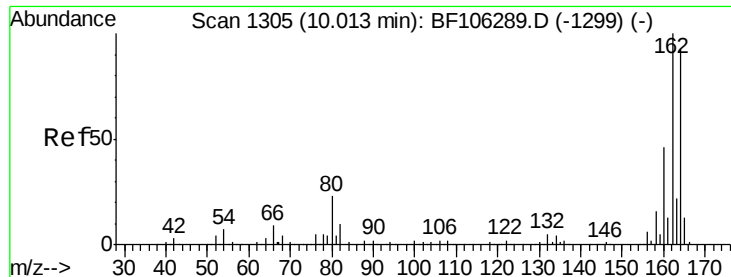
#25
Isophorone
Concen: 37.204 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106299.D
Acq: 11 Jun 2018 17:21

Tgt Ion: 82 Resp: 970144
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: BF106299.D

Acq: 11 Jun 2018 17:21

Instrument :

BNA_F

ClientSampleId :

BU-02-060718

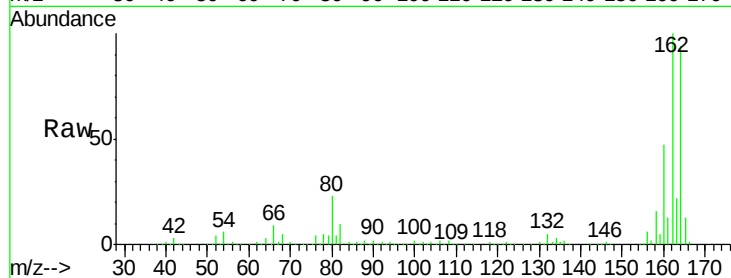
Tgt Ion:164 Resp: 382643

Ion Ratio Lower Upper

164 100

162 106.9 86.1 129.1

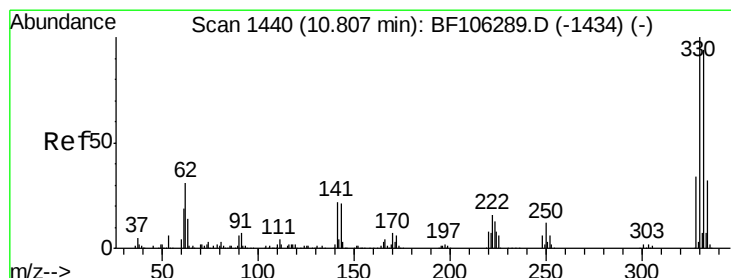
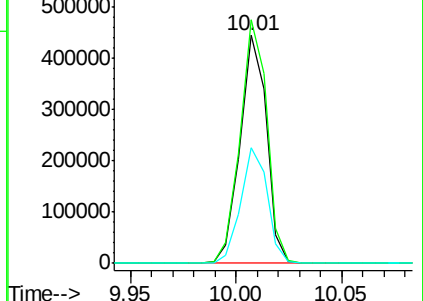
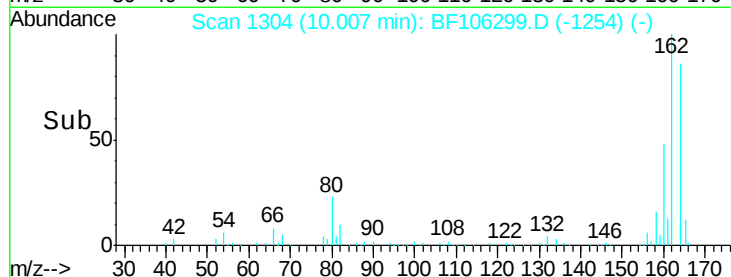
160 50.5 38.3 57.5



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: 120.914 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106299.D

Acq: 11 Jun 2018 17:21

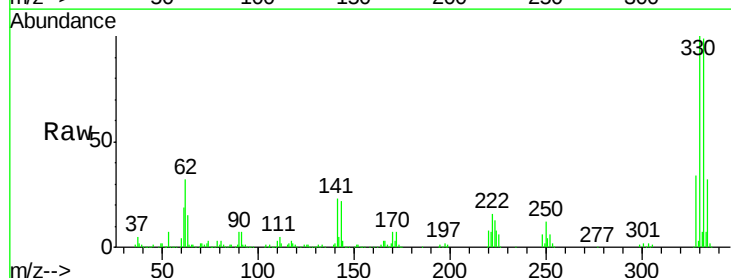
Tgt Ion:330 Resp: 445167

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

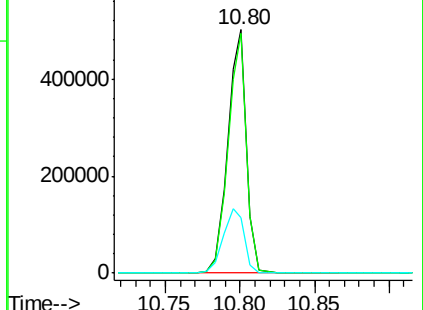
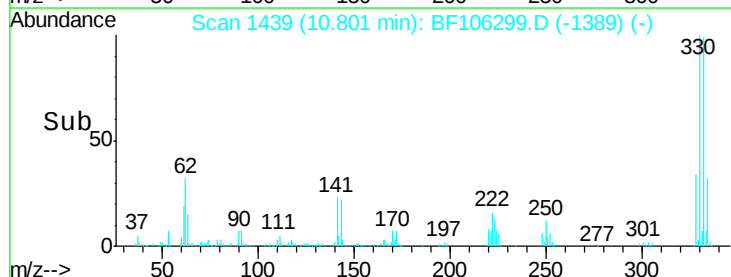
141 29.8 29.9 44.9#

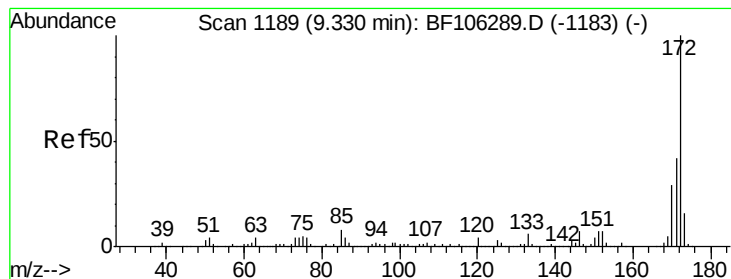


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 62.849 ng

RT: 9.32 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF106299.D

Acq: 11 Jun 2018 17:21

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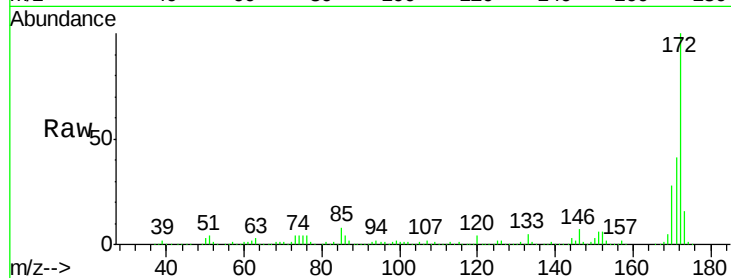
Tgt Ion:172 Resp: 1478852

Ion Ratio Lower Upper

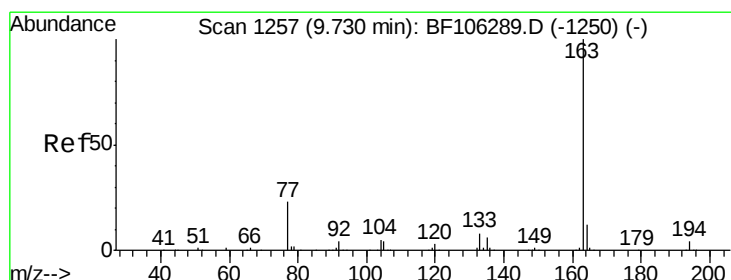
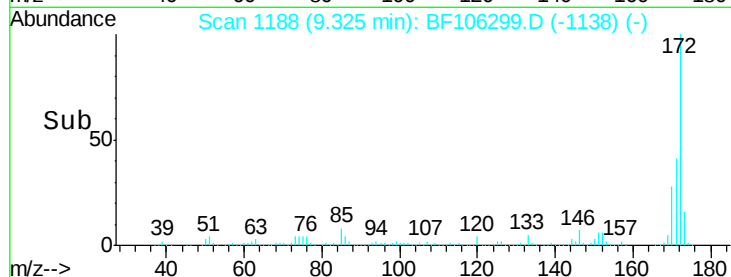
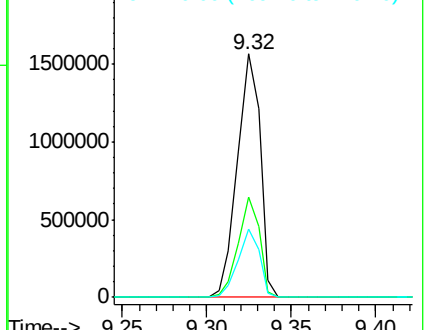
172 100

171 41.1 29.7 44.5

170 28.1 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: 11.874 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF106299.D

Acq: 11 Jun 2018 17:21

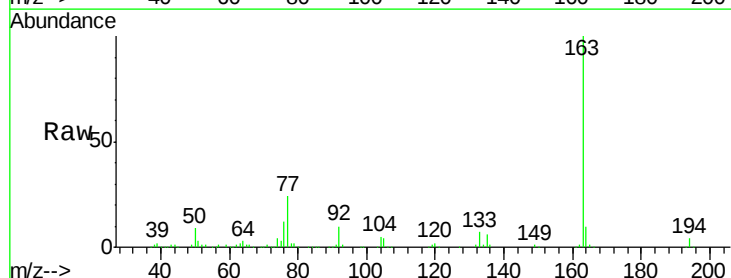
Tgt Ion:163 Resp: 324612

Ion Ratio Lower Upper

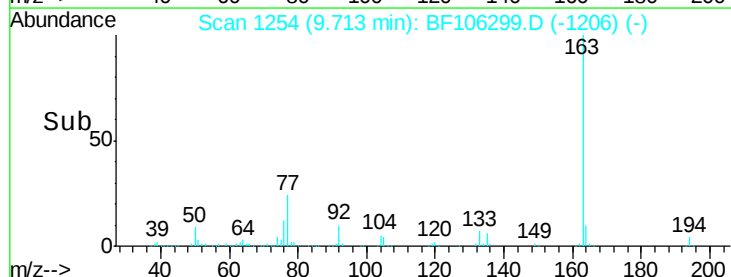
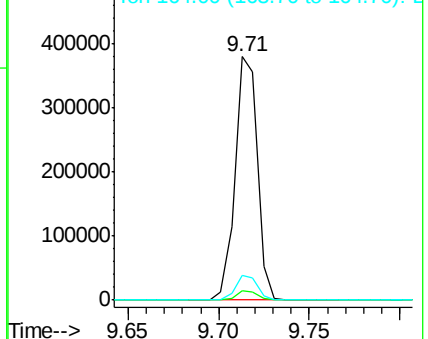
163 100

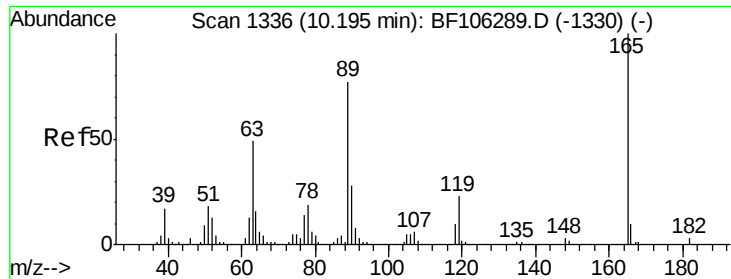
194 3.7 2.7 4.1

164 10.3 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

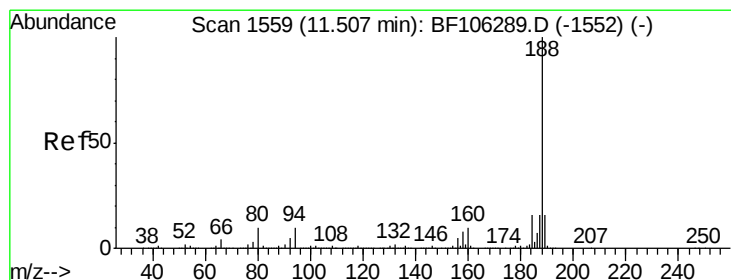
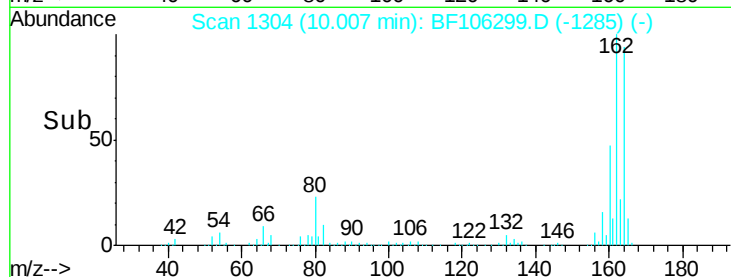
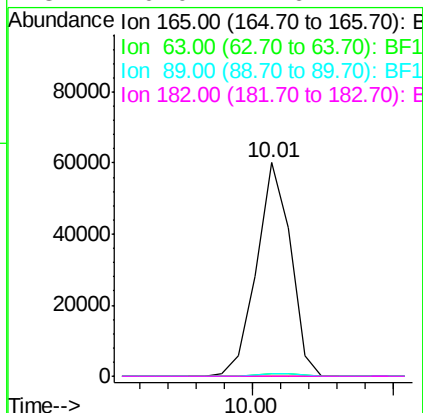
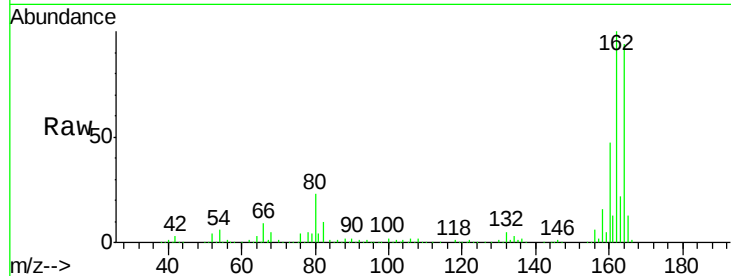




#56
2,4-Dinitrotoluene
Concen: 7.163 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106299.D
Acq: 11 Jun 2018 17:21

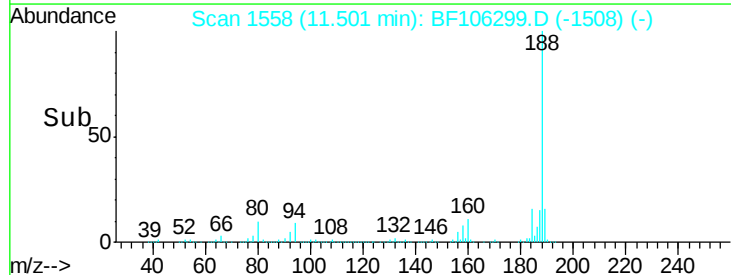
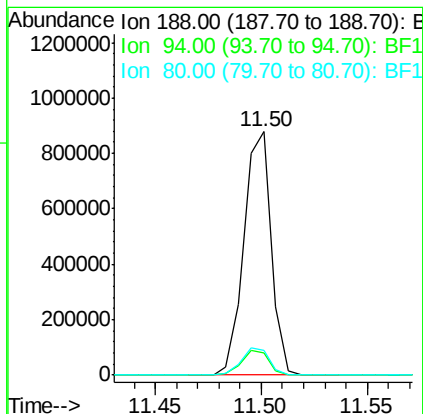
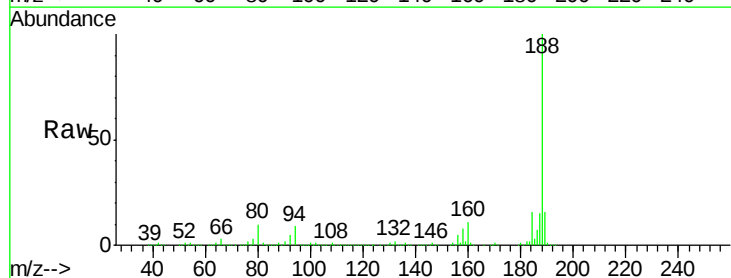
Instrument :
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BU-02-060718

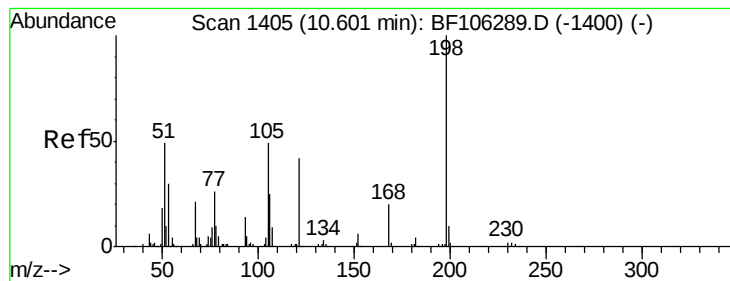
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106299.D
Acq: 11 Jun 2018 17:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.2	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 6.517 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF106299.D

Acq: 11 Jun 2018 17:21

Instrument :

BNA_F

ClientSampleId :

BU-02-060718

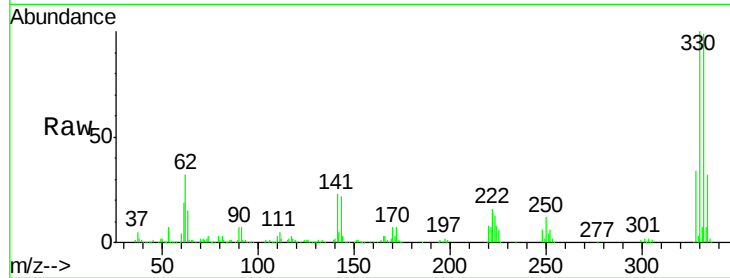
Tgt Ion:198 Resp: 1084

Ion Ratio Lower Upper

198 100

51 80.1 37.7 77.7#

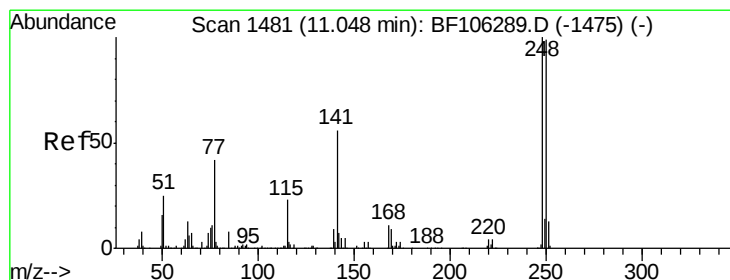
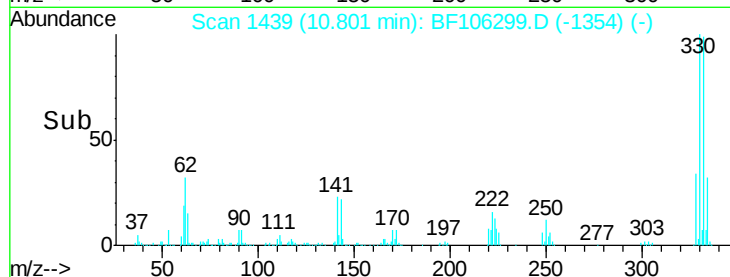
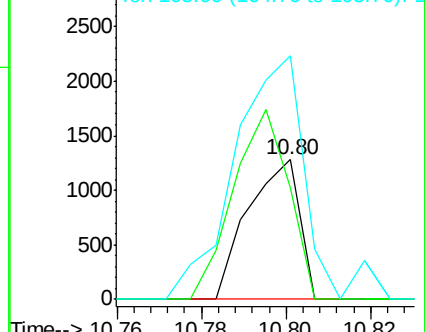
105 174.5 36.3 76.3#



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: 3.196 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.25 min

Lab File: BF106299.D

Acq: 11 Jun 2018 17:21

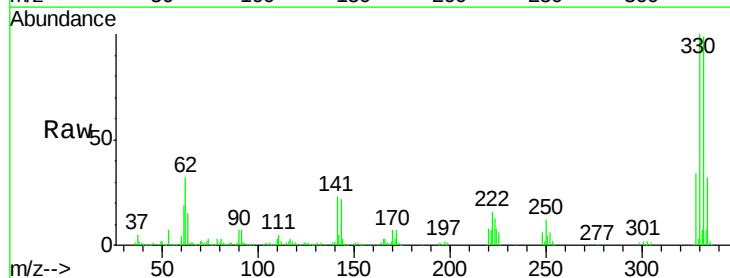
Tgt Ion:248 Resp: 28566

Ion Ratio Lower Upper

248 100

250 201.1 76.9 115.3#

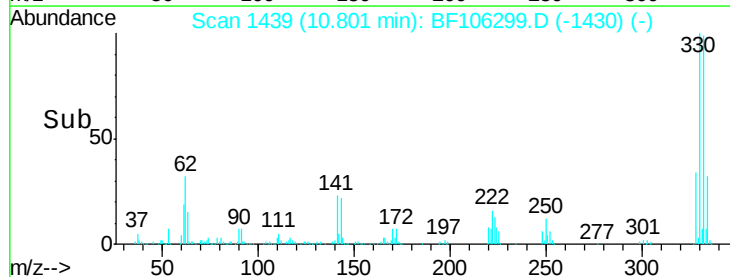
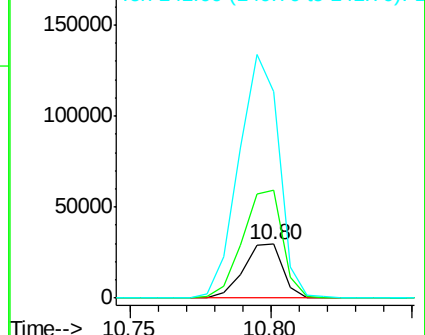
141 384.9 74.4 111.6#

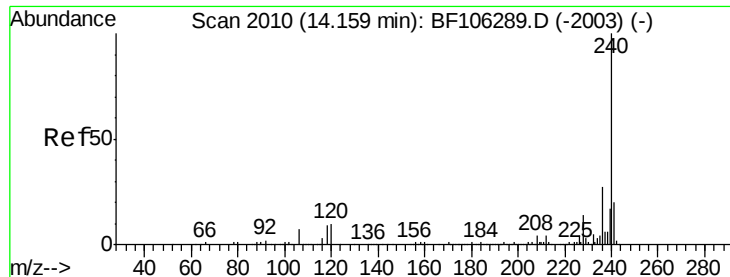


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF106299.D

Acq: 11 Jun 2018 17:21

Instrument :

BNA_F

ClientSampleId :

BU-02-060718

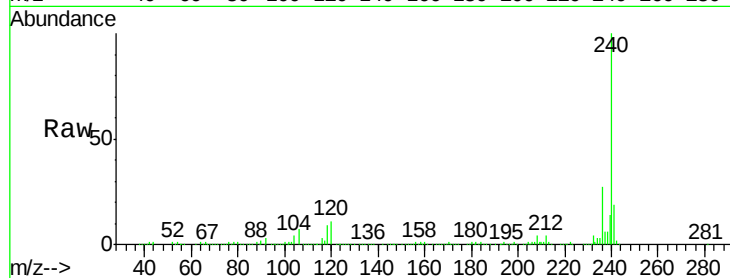
Tgt Ion:240 Resp: 664055

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

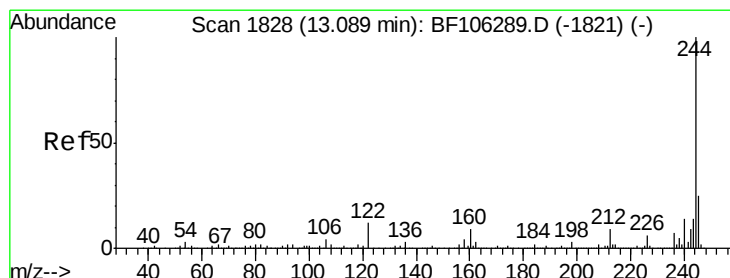
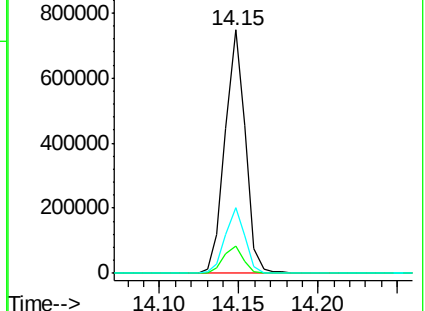
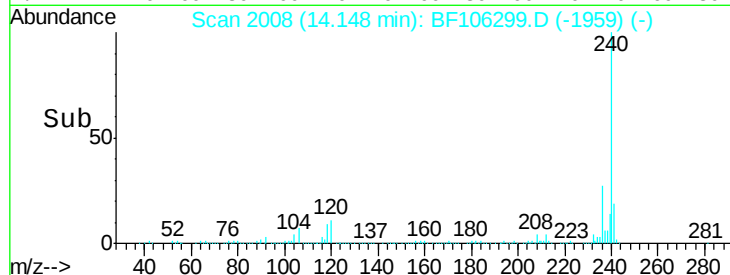
236 27.2 20.7 31.1



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: 64.785 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106299.D

Acq: 11 Jun 2018 17:21

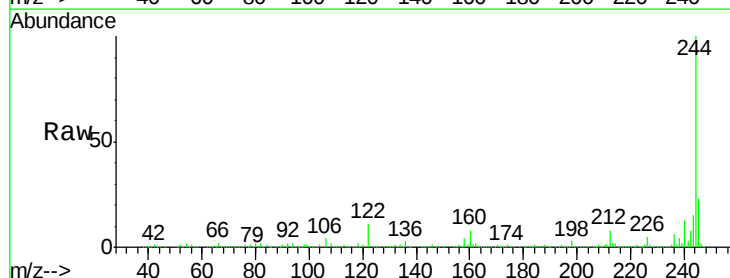
Tgt Ion:244 Resp: 1732069

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

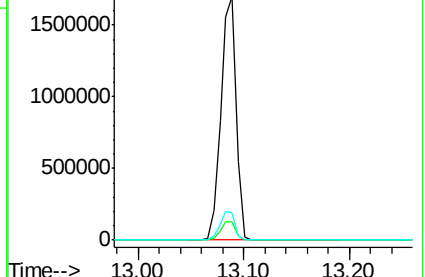
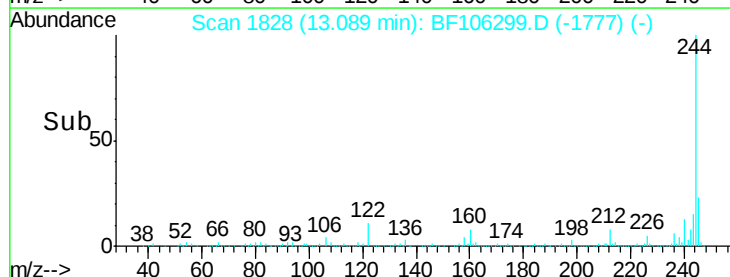
122 11.1 11.0 16.4

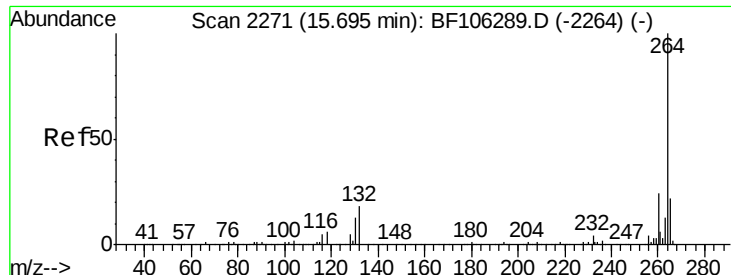


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF106299.D
Acq: 11 Jun 2018 17:21

Instrument :
BNA_F
ClientSampleId :
BU-02-060718

Tgt Ion: 264 Resp: 474110
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 22.0 17.5 26.3

