

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106394.D
 Acq On : 13 Jun 2018 16:38
 Operator : JU/SJ
 Sample : J3458-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 02:20:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

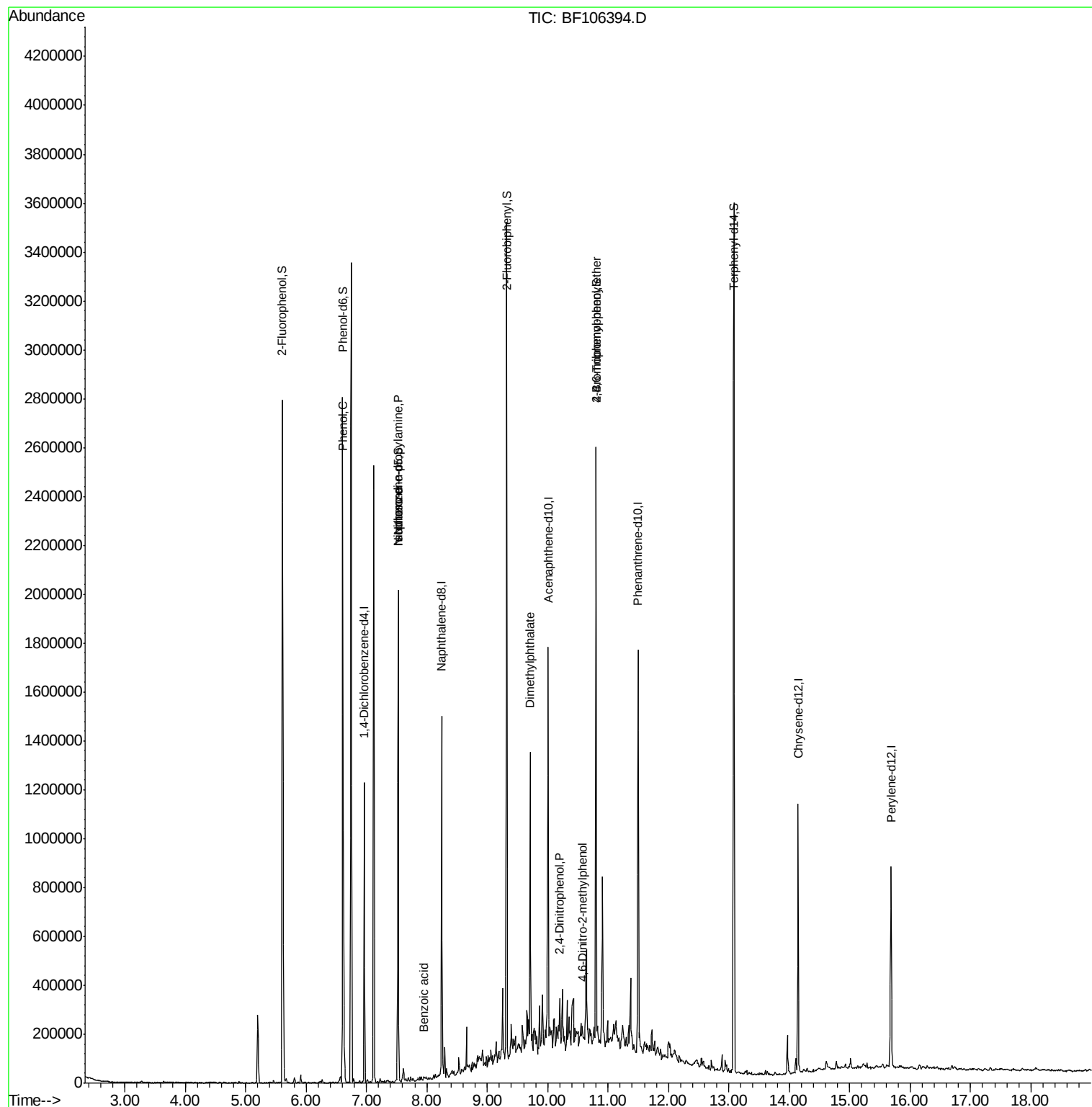
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	154496	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	585927	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	289121	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	576360	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	386605	20.00	ng	-0.02
86) Perylene-d12	15.68	264	388061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	885945	97.05	ng	-0.02
7) Phenol-d6	6.61	99	1100499	95.42	ng	-0.02
23) Nitrobenzene-d5	7.52	82	712941	71.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	329916	118.60	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1115447	62.70	ng	0.00
78) Terphenyl-d14	13.08	244	1238220	79.55	ng	0.00
Target Compounds						
10) Phenol	6.62	94	30856	2.451	ng	# 30
19) n-Nitroso-di-n-propylamine	7.52	70	97764	11.299	ng	# 75
25) Isophorone	7.52	82	713066	36.654	ng	# 64
32) Benzoic acid	7.95	122	1519	7.501	ng	# 82
49) Dimethylphthalate	9.71	163	249558	12.082	ng	# 98
53) 2,4-Dinitrophenol	10.20	184	109	8.664	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.57	198	137	6.333	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	20948	3.196	ng	# 1

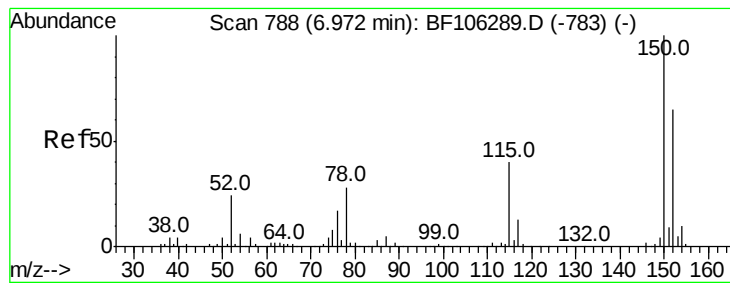
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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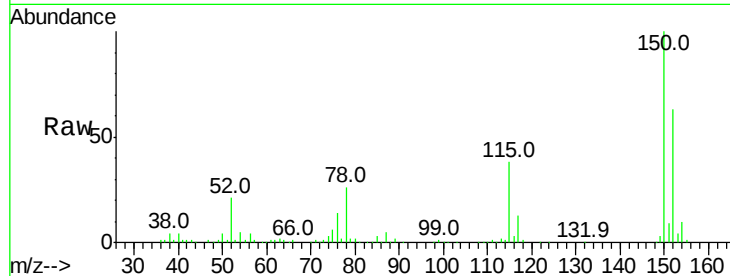


#1

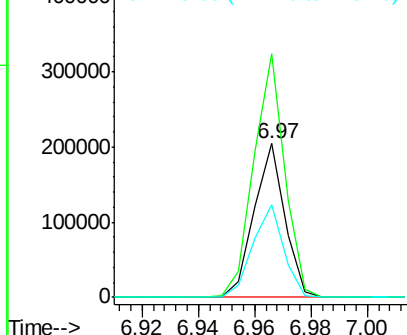
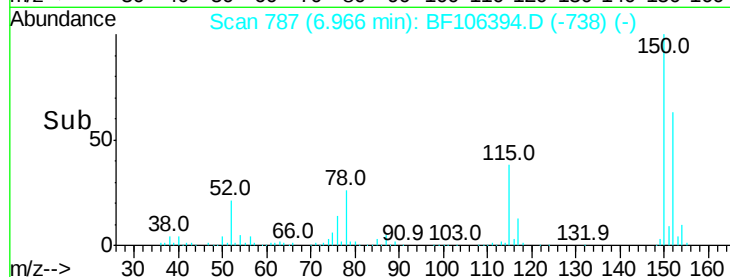
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106394.D
Acq: 13 Jun 2018 16:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 154496
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 60.0 50.1 75.1



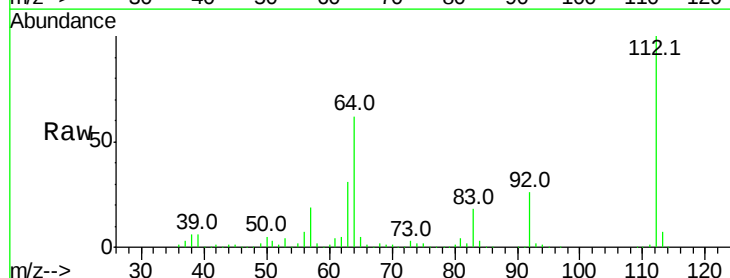
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



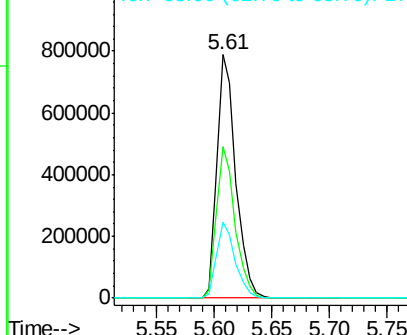
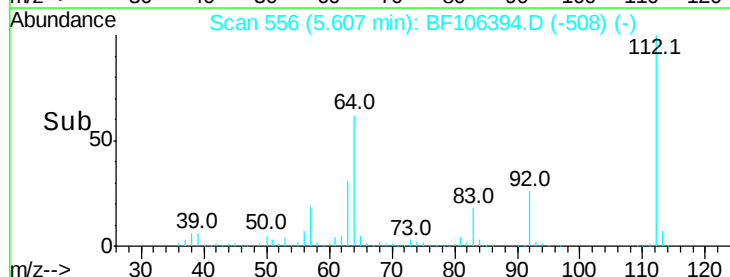
#5

2-Fluorophenol
Concen: 97.055 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.02 min
Lab File: BF106394.D
Acq: 13 Jun 2018 16:38

Tgt Ion:112 Resp: 885945
Ion Ratio Lower Upper
112 100
64 62.2 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: 95.424 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF106394.D

Acq: 13 Jun 2018 16:38

Instrument :

BNA_F

ClientSampled :

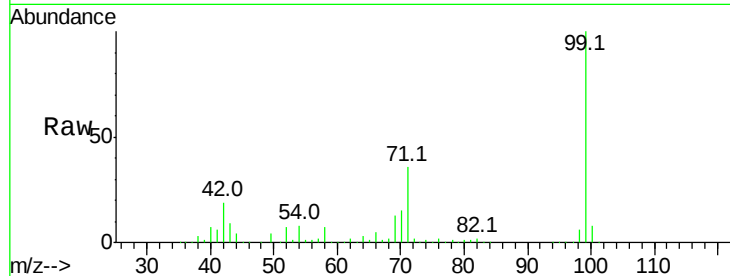
Tot Ion: 99 Resp: 1100499

Ion Ratio Lower Upper

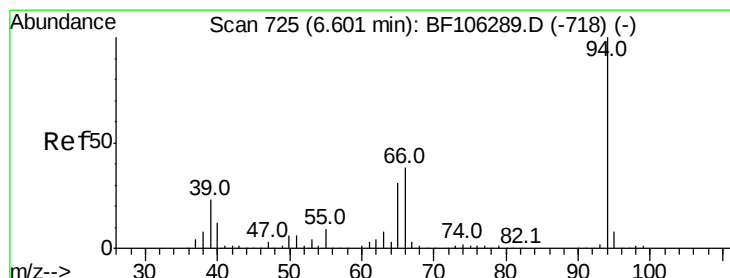
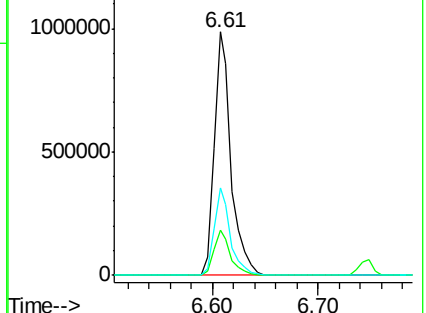
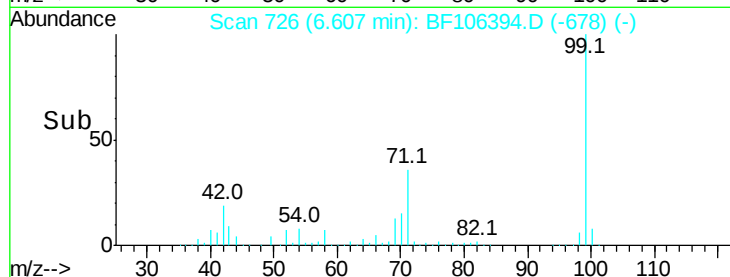
99 100

42 18.8 14.5 21.7

71 35.8 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



#10

Phenol

Concen: 2.451 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF106394.D

Acq: 13 Jun 2018 16:38

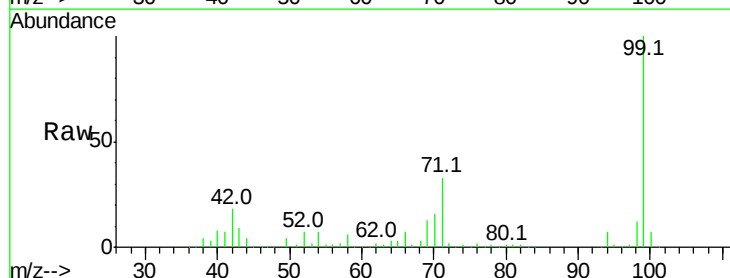
Tgt Ion: 94 Resp: 30856

Ion Ratio Lower Upper

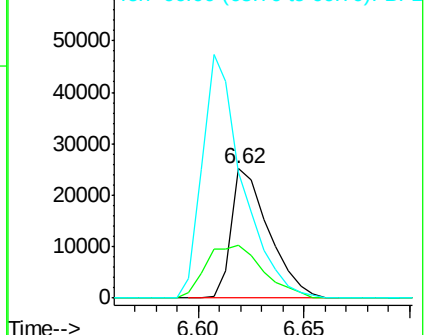
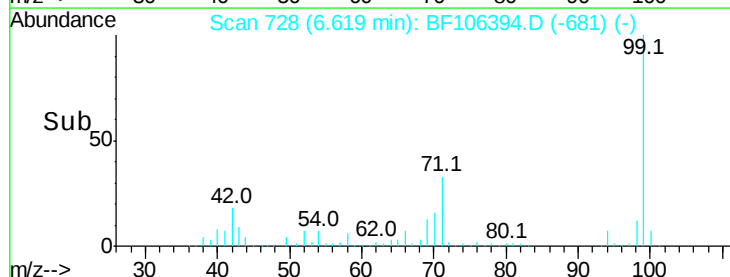
94 100

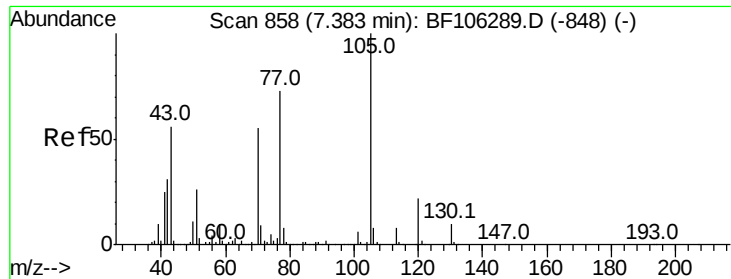
65 41.0 7.9 47.9

66 97.9 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

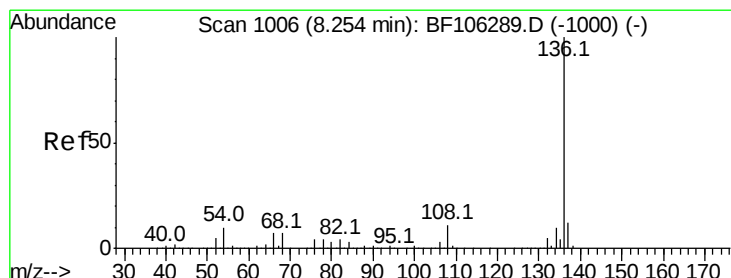
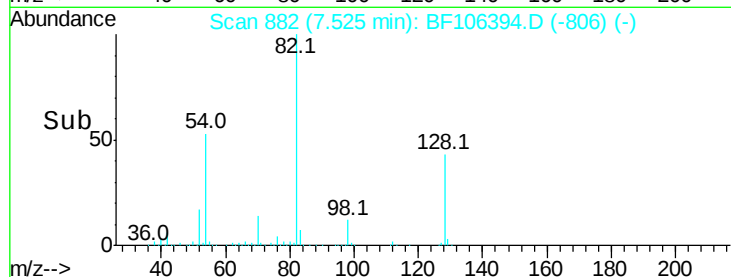
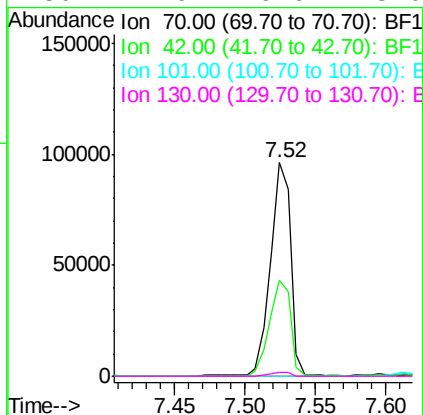
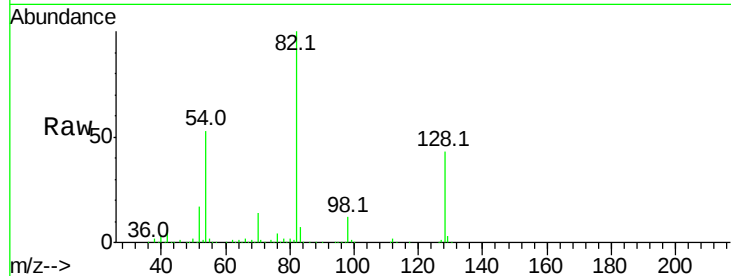




#19
n-Nitroso-di-n-propylamine
Concen: 11.299 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106394.D
Acq: 13 Jun 2018 16:38

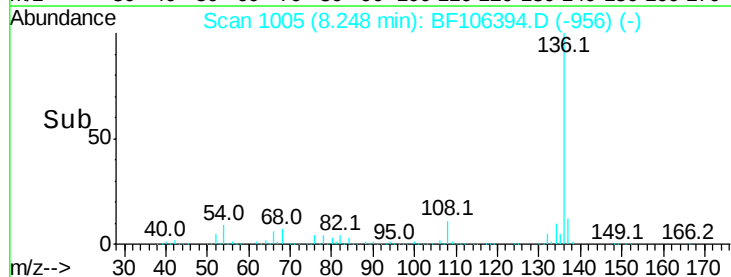
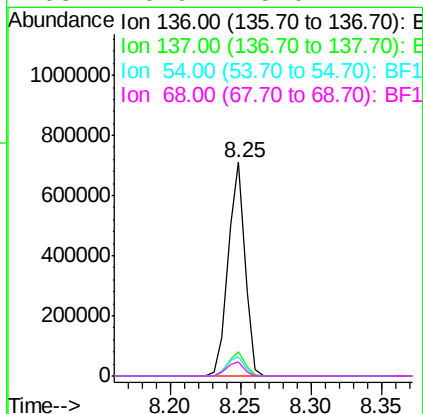
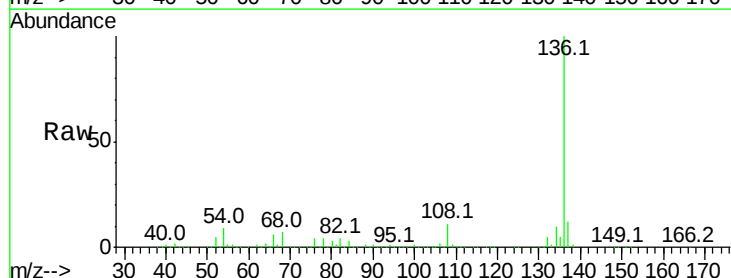
Instrument :
BNA_F
ClientSampleId :

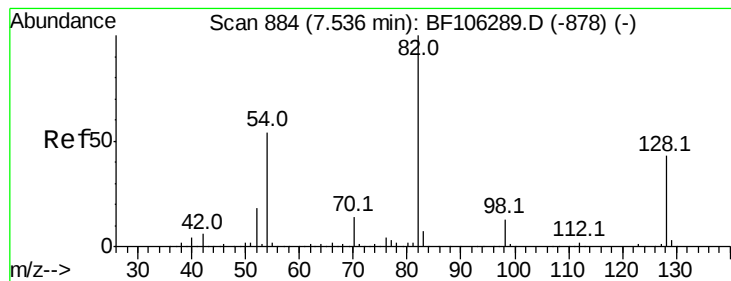
Tot Ion: 70 Resp: 97764
Ion Ratio Lower Upper
70 100
42 45.0 47.5 71.3#
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106394.D
Acq: 13 Jun 2018 16:38

Tgt Ion: 136 Resp: 585927
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.8 6.6 9.8
68 6.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 71.581 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106394.D

Acq: 13 Jun 2018 16:38

Instrument :

BNA_F

ClientSampled :

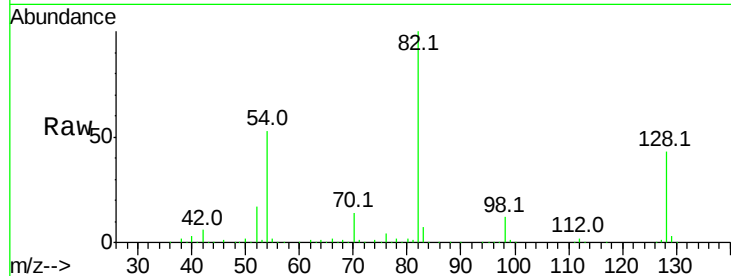
Tot Ion: 82 Resp: 712941

Ion Ratio Lower Upper

82 100

128 43.3 36.1 54.1

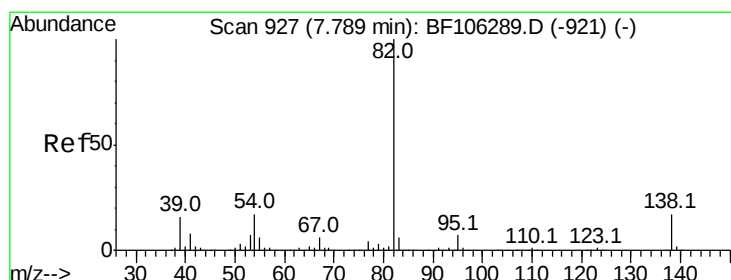
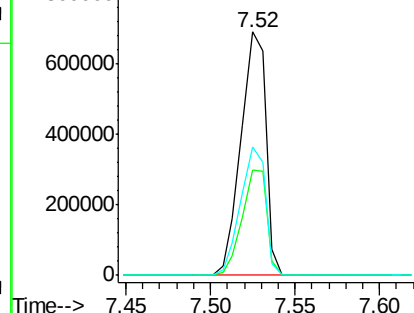
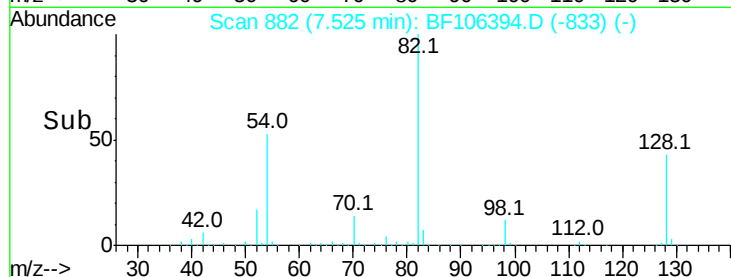
54 52.9 41.4 62.2



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: 36.654 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.27 min

Lab File: BF106394.D

Acq: 13 Jun 2018 16:38

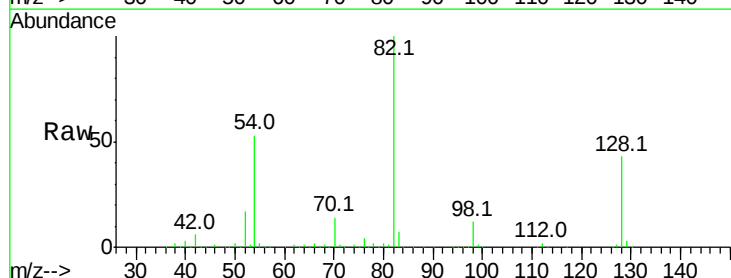
Tgt Ion: 82 Resp: 713066

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

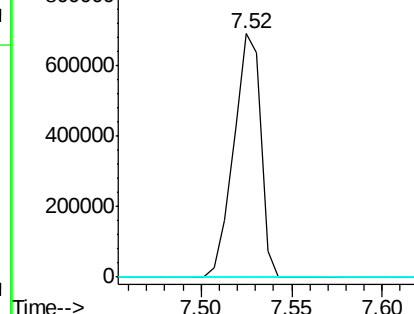
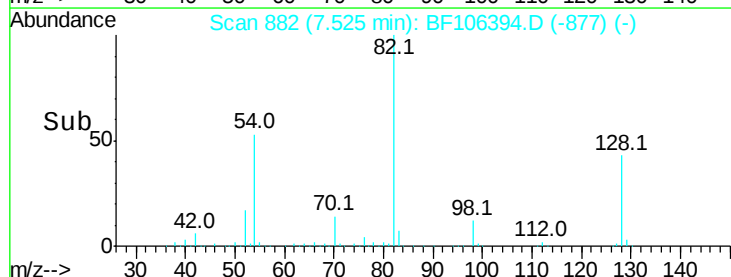
138 0.0 14.9 22.3#

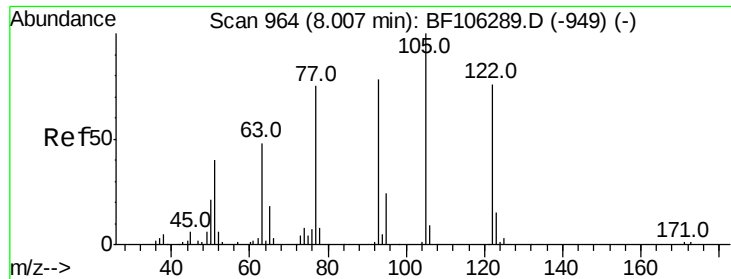


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#32

Benzoic acid

Concen: 7.501 ng

RT: 7.95 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF106394.D

Acq: 13 Jun 2018 16:38

Instrument :

BNA_F

ClientSampled :

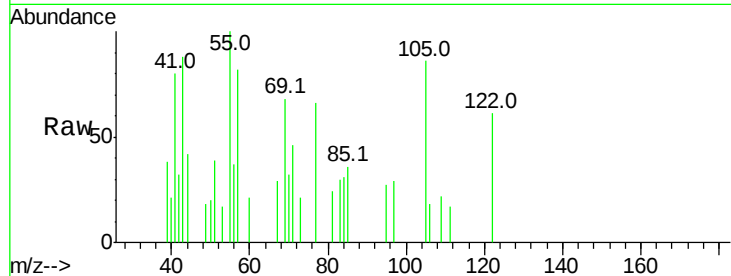
Tot Ion:122 Resp: 1519

Ion Ratio Lower Upper

122 100

105 141.3 101.1 141.1#

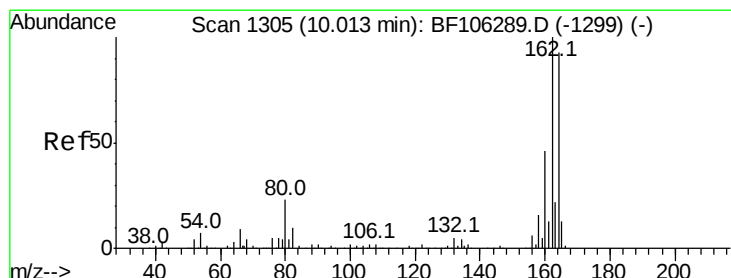
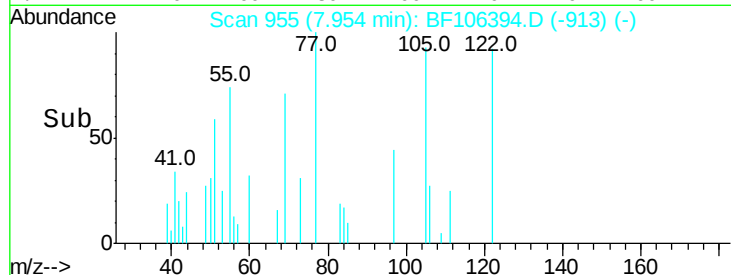
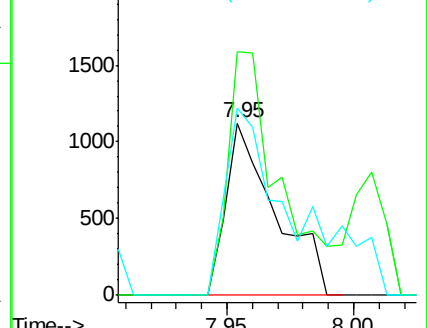
77 108.5 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF106394.D

Acq: 13 Jun 2018 16:38

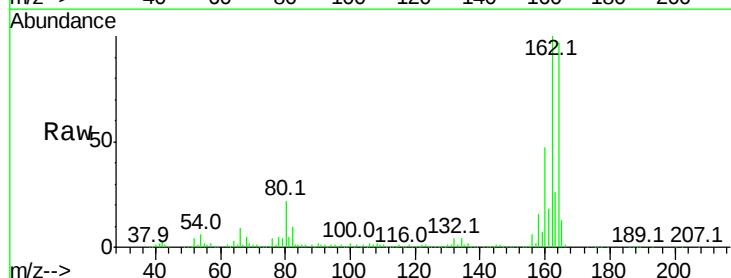
Tgt Ion:164 Resp: 289121

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

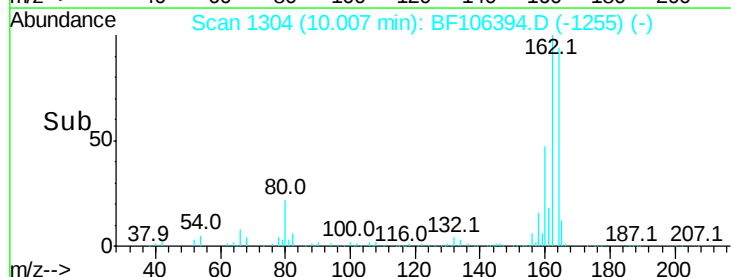
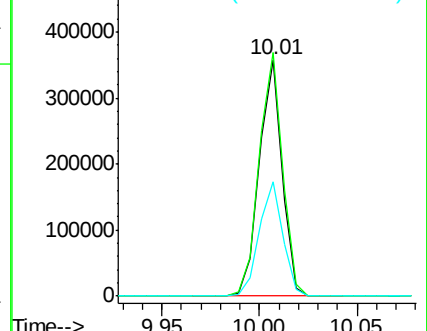
160 48.6 38.3 57.5

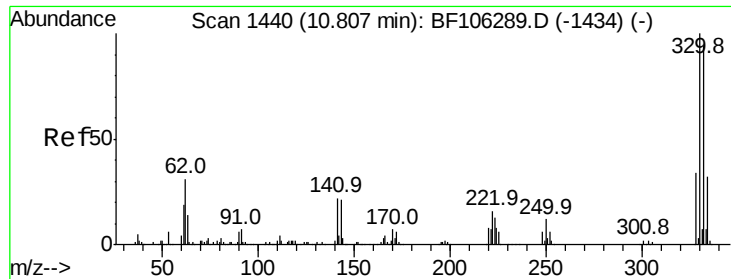


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

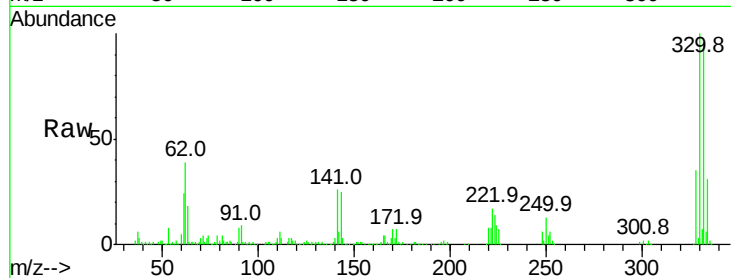




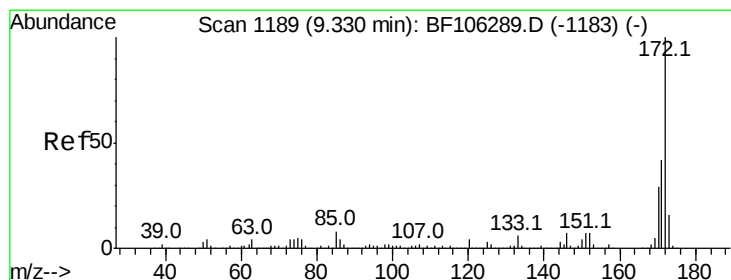
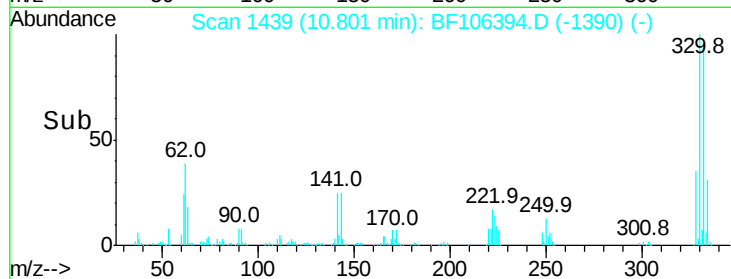
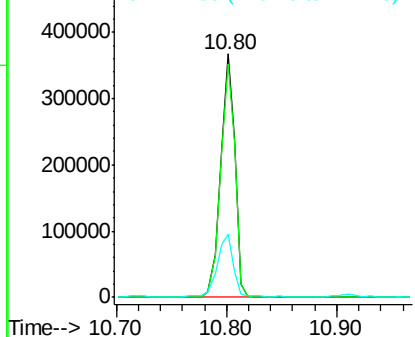
#41
 2,4,6-Tribromophenol
 Concen: 118.596 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106394.D
 Acq: 13 Jun 2018 16:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 329916
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 28.5 29.9 44.9#

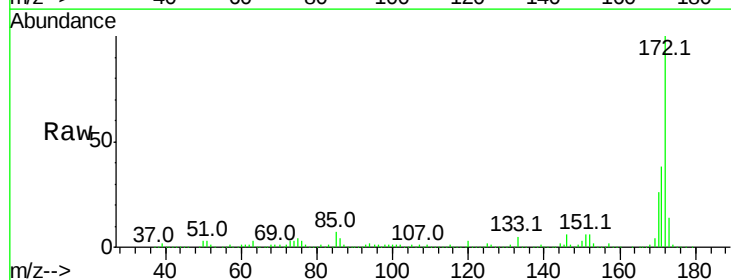


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

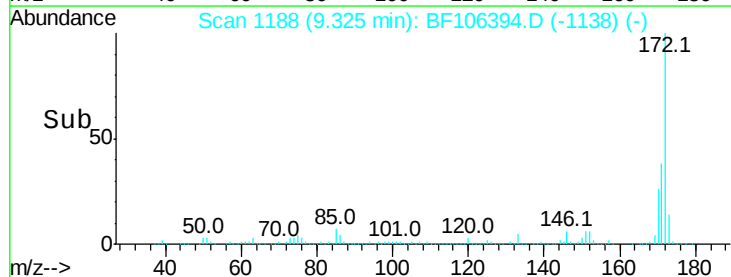
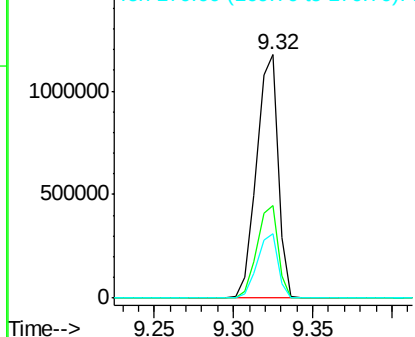


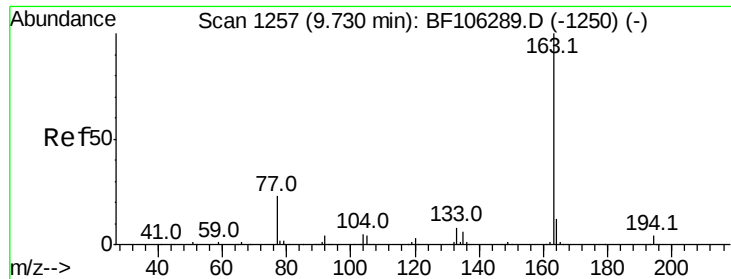
#44
 2-Fluorobiphenyl
 Concen: 62.697 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106394.D
 Acq: 13 Jun 2018 16:38

Tgt Ion:172 Resp: 1115447
 Ion Ratio Lower Upper
 172 100
 171 38.3 29.7 44.5
 170 26.2 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: 12.082 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF106394.D

Acq: 13 Jun 2018 16:38

Instrument :

BNA_F

ClientSampleId :

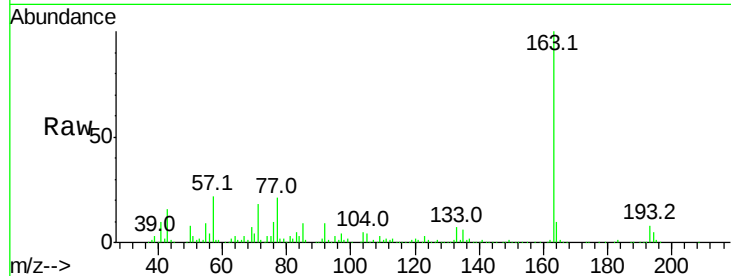
Tot Ion:163 Resp: 249558

Ion Ratio Lower Upper

163 100

194 5.0 2.7 4.1#

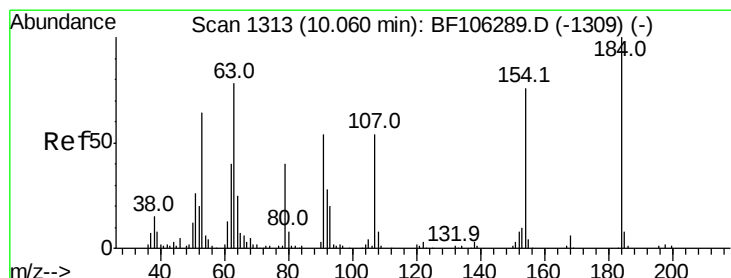
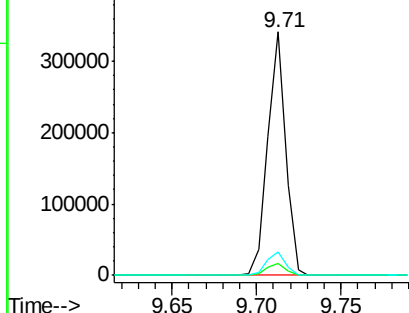
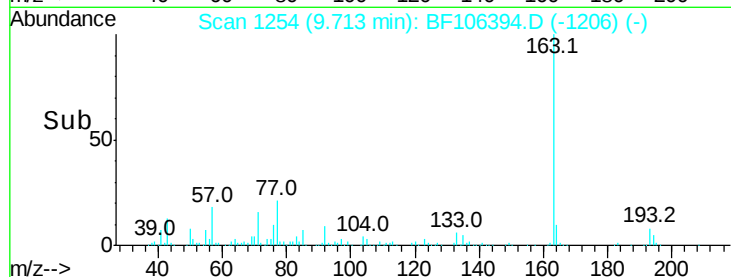
164 9.7 8.2 12.2



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



#53

2,4-Dinitrophenol

Concen: 8.664 ng

RT: 10.20 min Scan# 1336

Delta R.T. 0.12 min

Lab File: BF106394.D

Acq: 13 Jun 2018 16:38

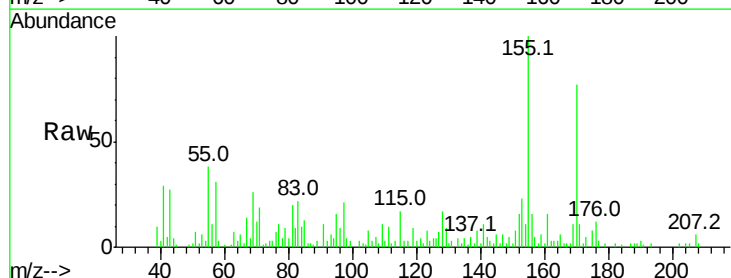
Tgt Ion:184 Resp: 109

Ion Ratio Lower Upper

184 100

63 560.5 54.2 81.2#

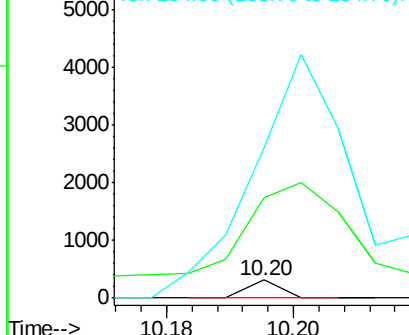
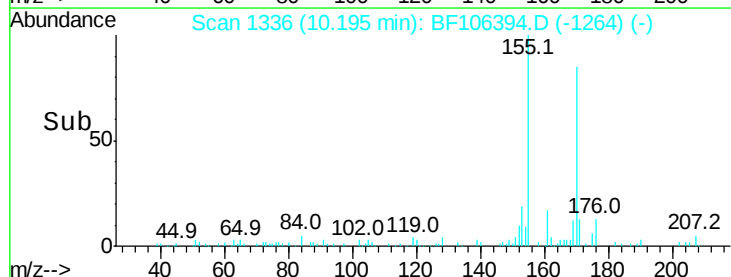
154 839.5 184.0 276.0#

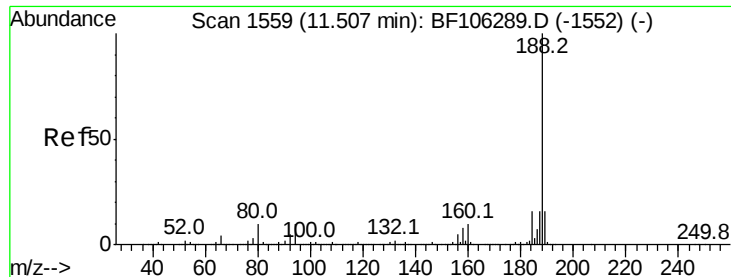


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106394.D

Acq: 13 Jun 2018 16:38

Instrument :

BNA_F

ClientSampleId :

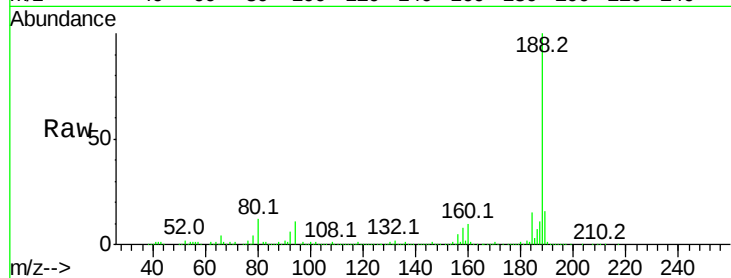
Tot Ion:188 Resp: 576360

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

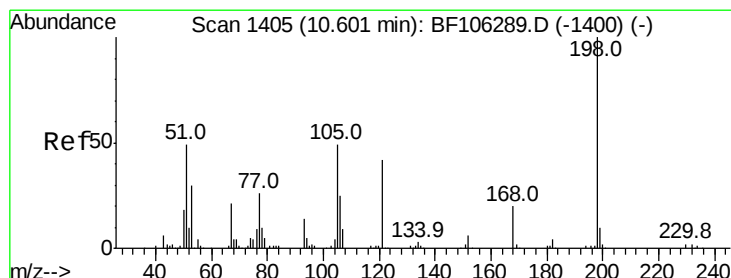
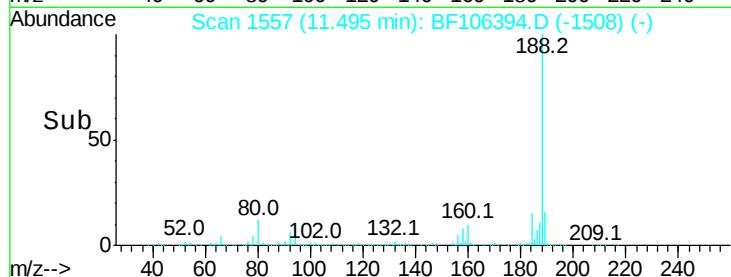
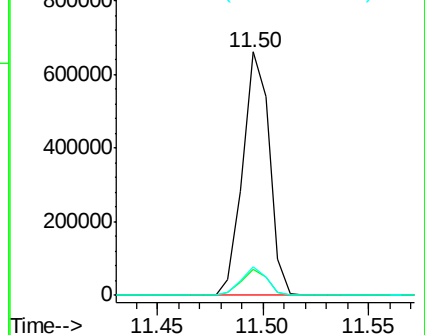
80 11.6 9.2 13.8



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: 6.333 ng

RT: 10.57 min Scan# 1400

Delta R.T. -0.04 min

Lab File: BF106394.D

Acq: 13 Jun 2018 16:38

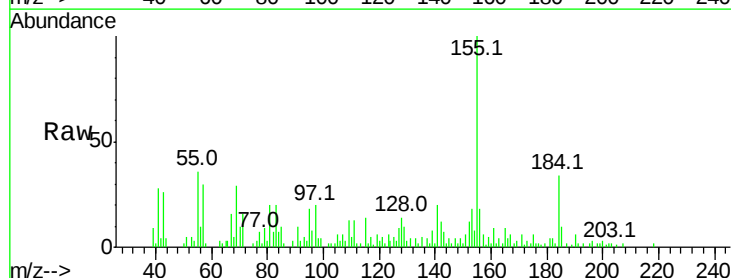
Tgt Ion:198 Resp: 137

Ion Ratio Lower Upper

198 100

51 300.5 37.7 77.7#

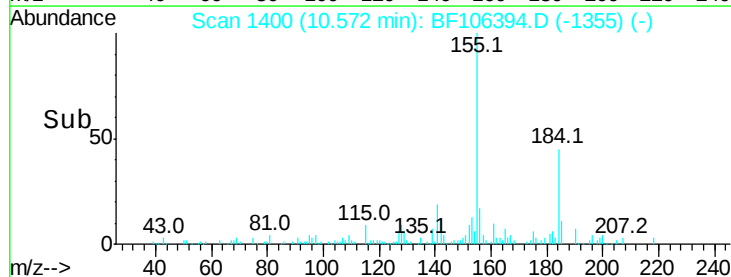
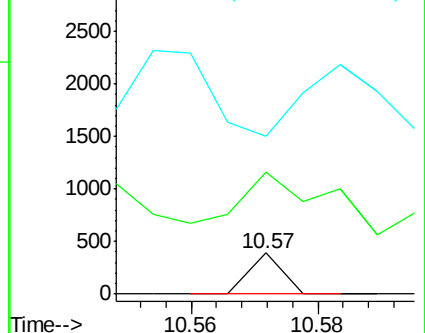
105 388.1 36.3 76.3#

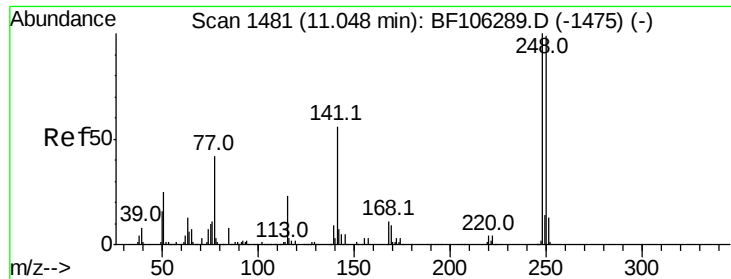


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

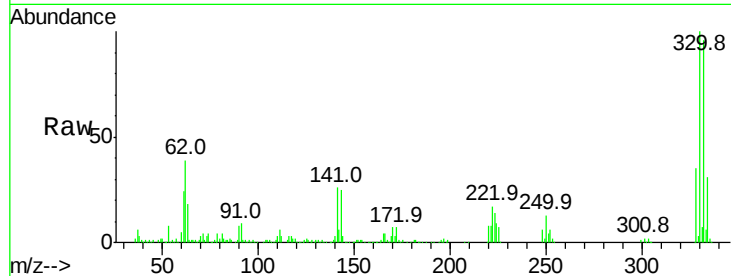




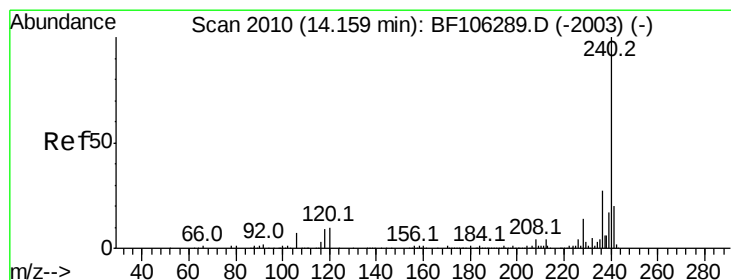
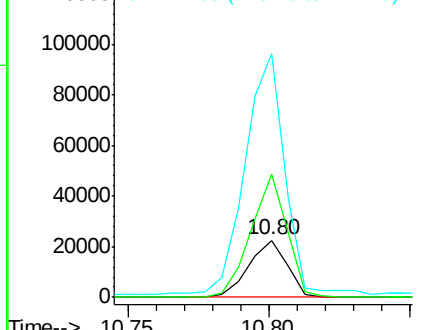
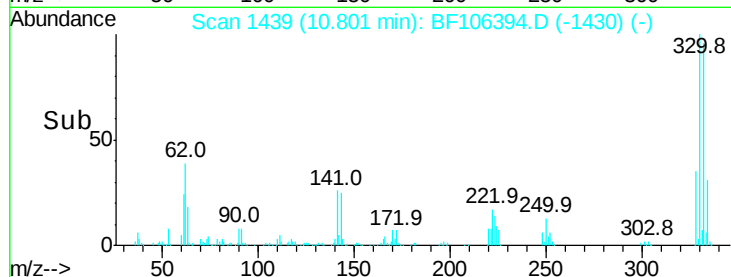
#66
4-Bromophenyl-phenylether
Concen: 3.196 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106394.D
Acq: 13 Jun 2018 16:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 20948
Ion Ratio Lower Upper
248 100
250 215.3 76.9 115.3#
141 425.2 74.4 111.6#

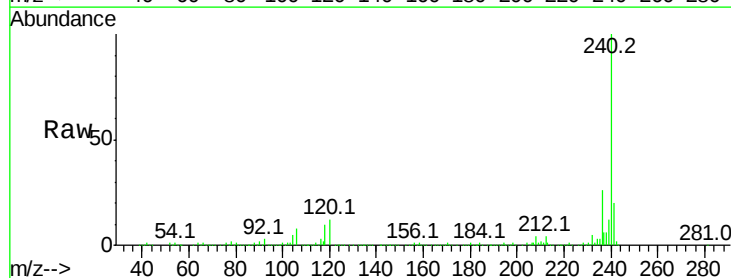


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

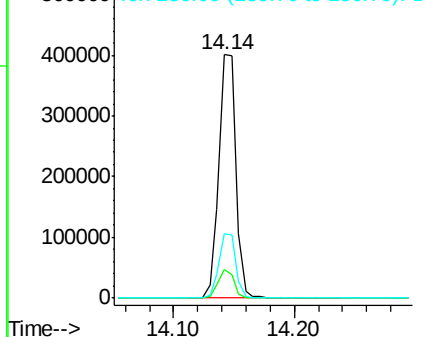
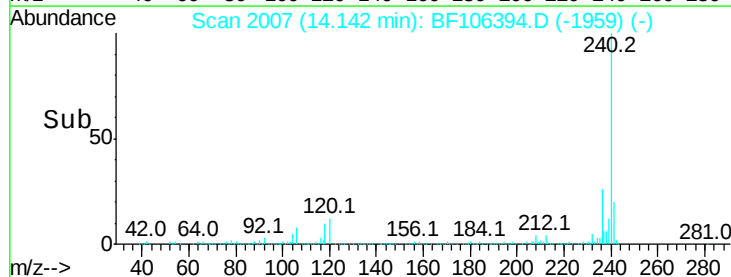


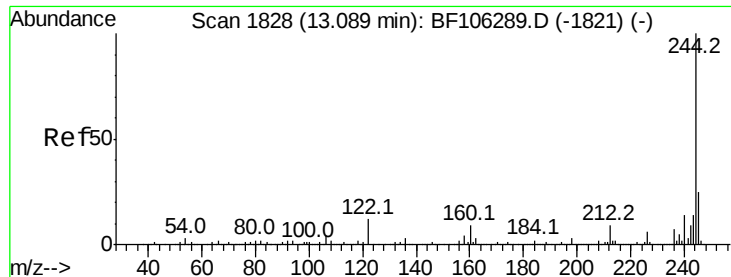
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106394.D
Acq: 13 Jun 2018 16:38

Tgt Ion:240 Resp: 386605
Ion Ratio Lower Upper
240 100
120 11.7 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

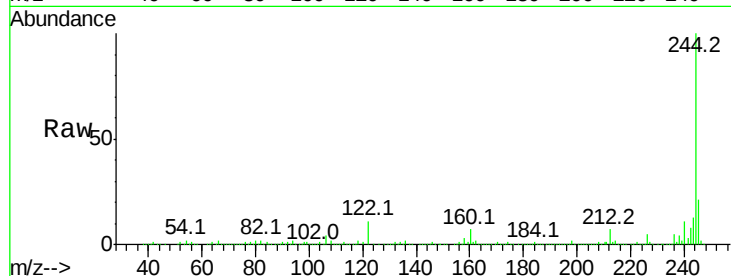




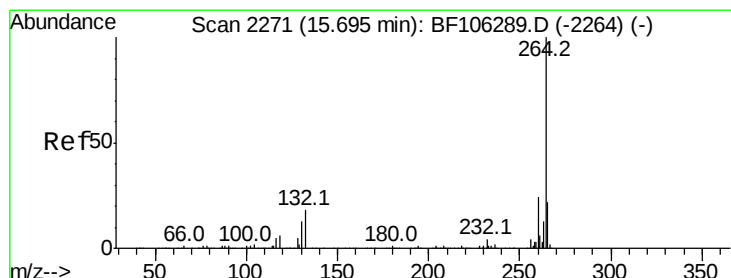
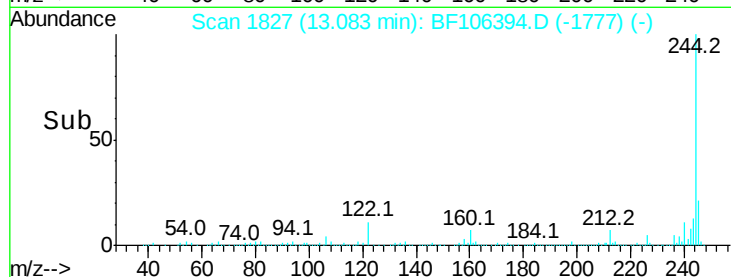
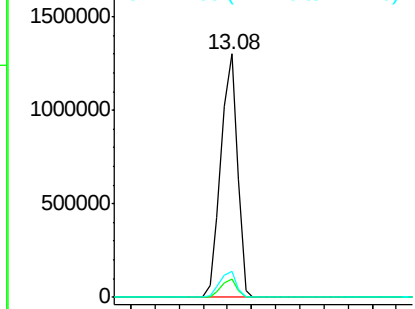
#78
 Terphenyl-d14
 Concen: 79.551 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BF106394.D
 Acq: 13 Jun 2018 16:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1238220
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 10.6 11.0 16.4#

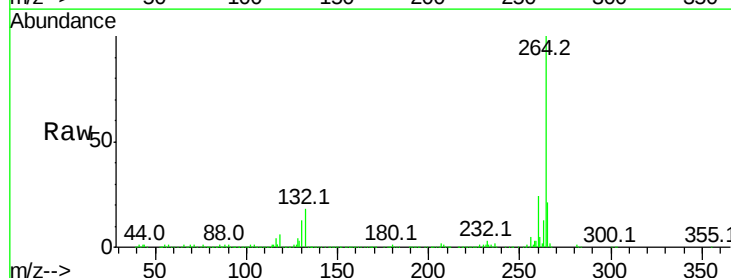


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF106394.D
 Acq: 13 Jun 2018 16:38

Tgt Ion:264 Resp: 388061
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.3 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

