

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106857.D
 Acq On : 27 Jun 2018 7:18
 Operator : JU/SJ
 Sample : J3687-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Quant Time: Jun 27 08:00:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

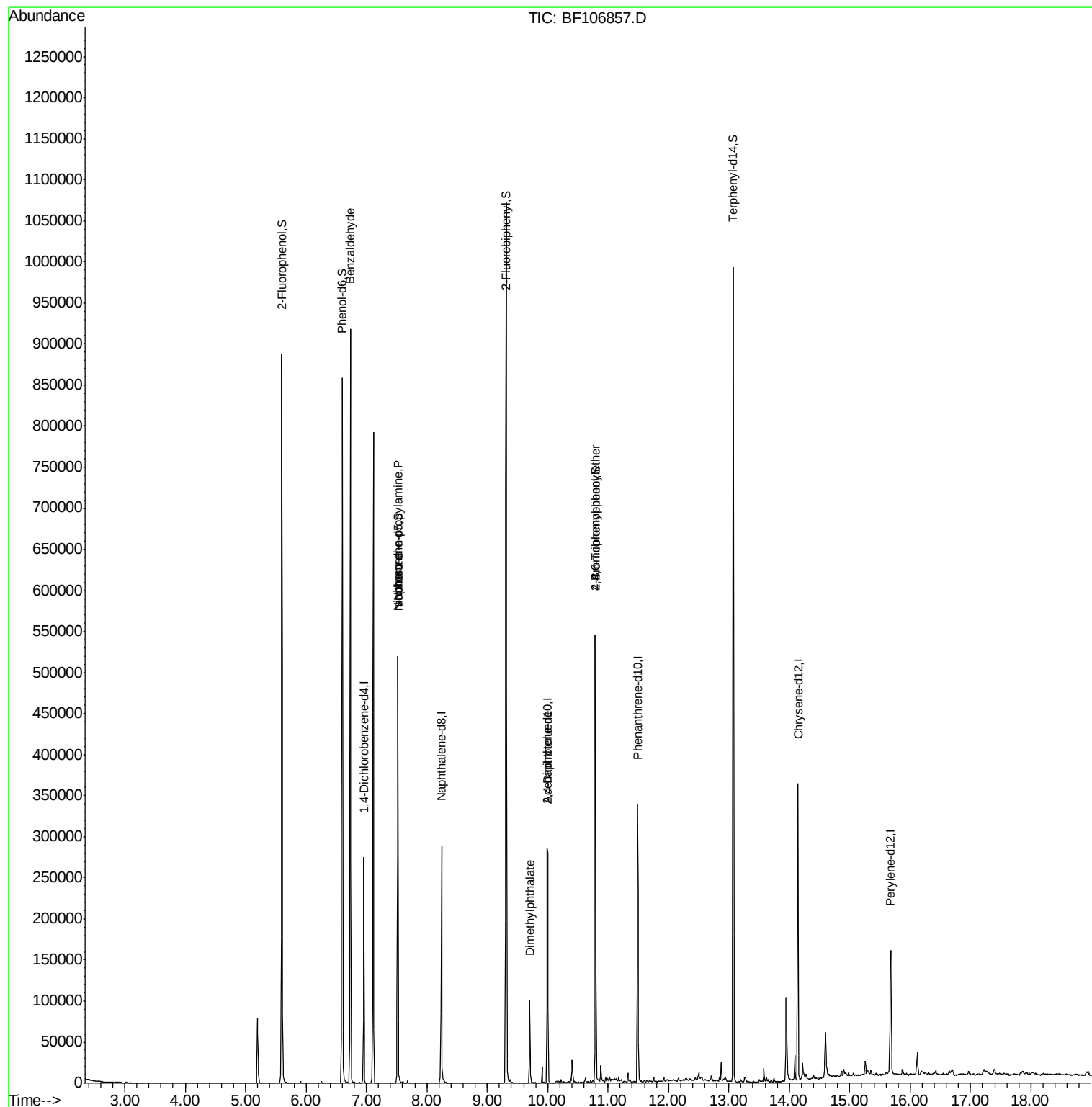
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	41734	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	149078	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	65765	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	124936	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	125872	20.00	ng	-0.02
86) Perylene-d12	15.68	264	83138	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	250809	101.76	ng	0.00
7) Phenol-d6	6.60	99	307232	99.82	ng	-0.01
23) Nitrobenzene-d5	7.52	82	190998	71.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	84619	111.01	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	344989	89.59	ng	-0.01
78) Terphenyl-d14	13.07	244	392607	75.55	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.74	77	5480	2.122	ng	86
19) n-Nitroso-di-n-propylamine	7.52	70	24523	12.087	ng	# 73
25) Isophorone	7.52	82	190996	40.405	ng	# 64
49) Dimethylphthalate	9.70	163	47503	9.631	ng	99
56) 2,4-Dinitrotoluene	10.00	165	8339	6.117	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	5418	3.634	ng	# 1

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

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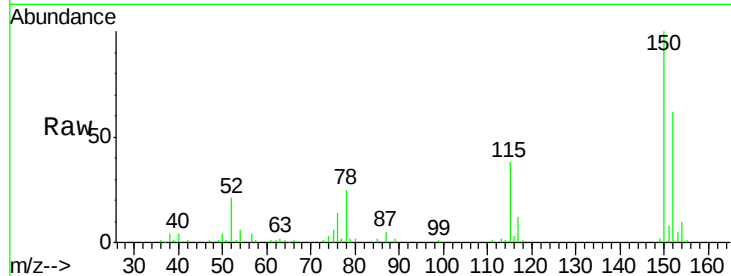




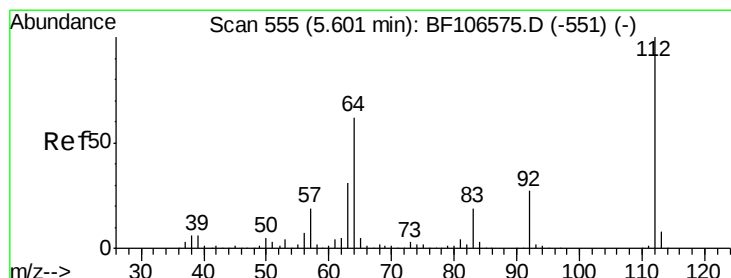
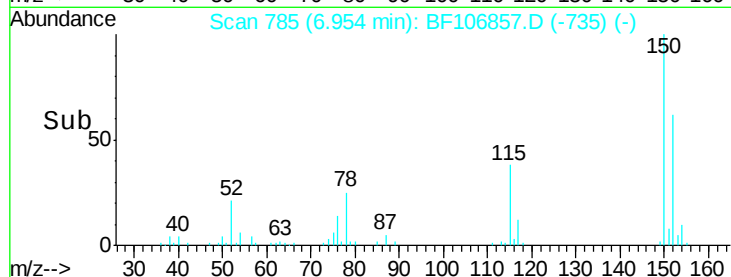
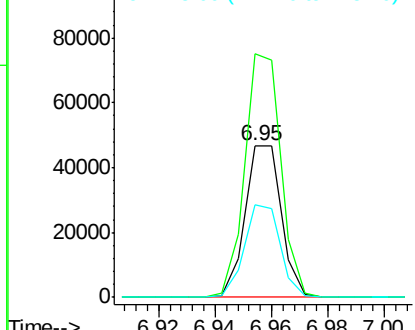
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106857.D
 Acq: 27 Jun 2018 7:18

Instrument :
 BNA_F
 ClientSampled :
 PE-3

Tgt Ion:152 Resp: 41734
 Ion Ratio Lower Upper
 152 100
 150 160.8 124.6 186.8
 115 61.5 50.1 75.1

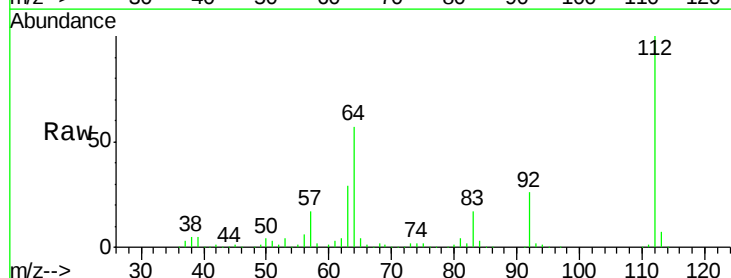


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

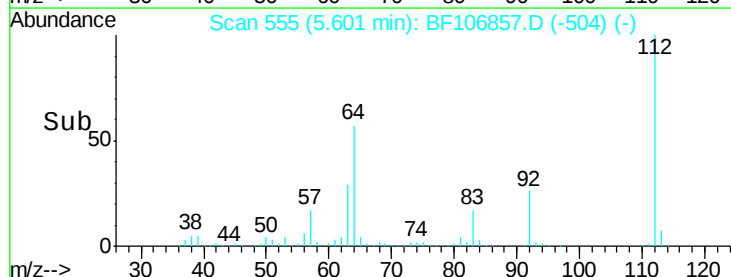
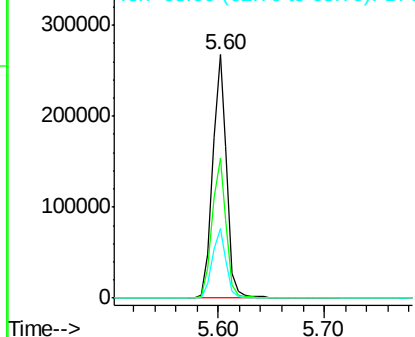


#5
 2-Fluorophenol
 Concen: 101.763 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF106857.D
 Acq: 27 Jun 2018 7:18

Tgt Ion:112 Resp: 250809
 Ion Ratio Lower Upper
 112 100
 64 57.5 47.9 71.9
 63 28.5 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: 99.821 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106857.D

Acq: 27 Jun 2018 7:18

Instrument :

BNA_F

ClientSampleId :

PE-3

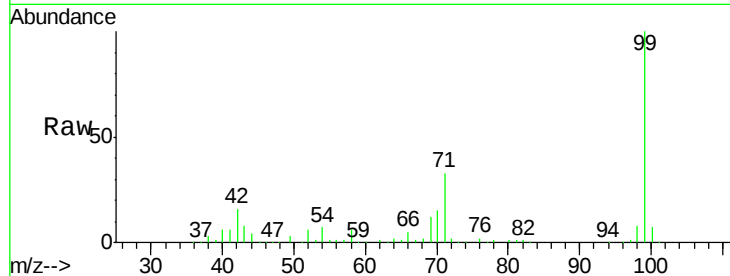
Tgt Ion: 99 Resp: 307232

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

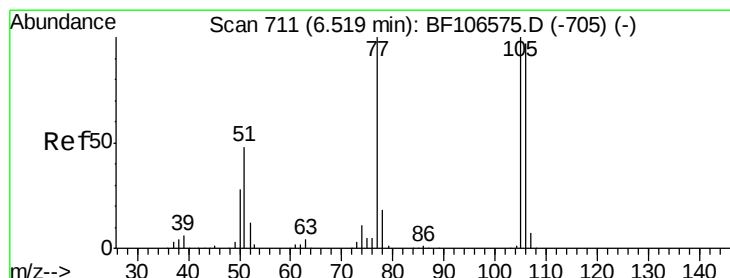
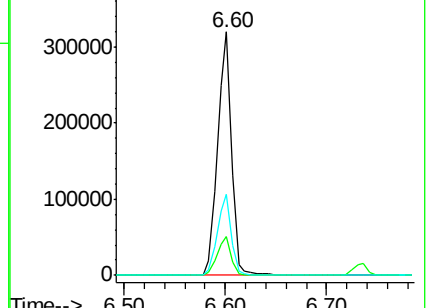
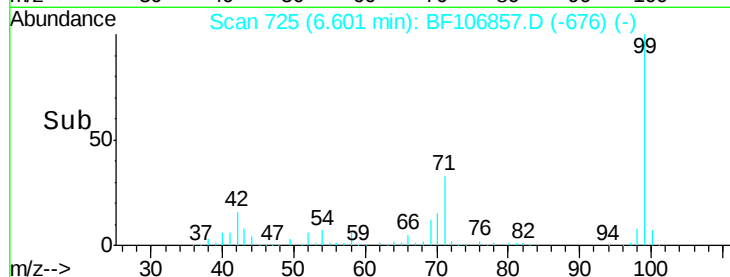
71 33.5 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.122 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106857.D

Acq: 27 Jun 2018 7:18

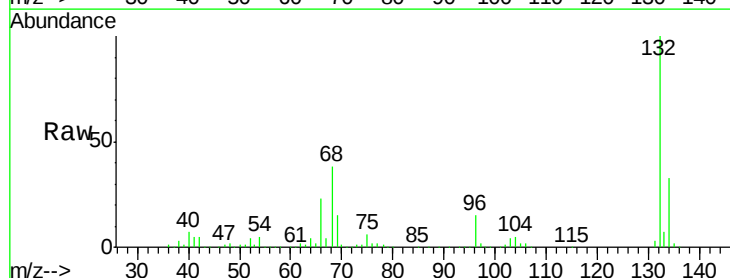
Tgt Ion: 77 Resp: 5480

Ion Ratio Lower Upper

77 100

105 85.5 81.1 121.1

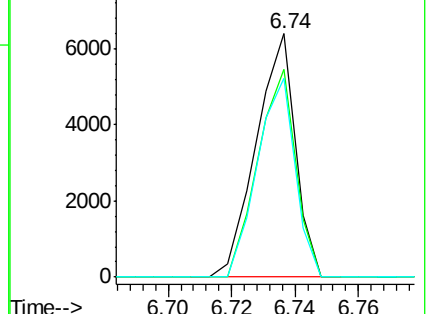
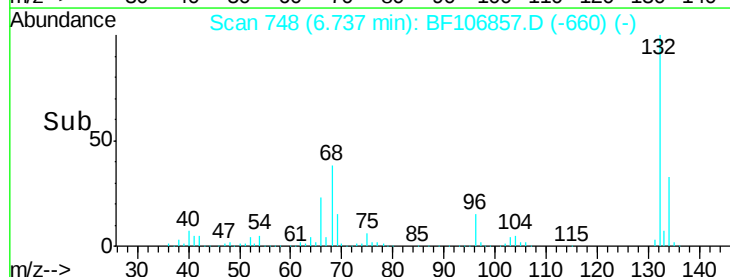
106 81.6 74.5 114.5

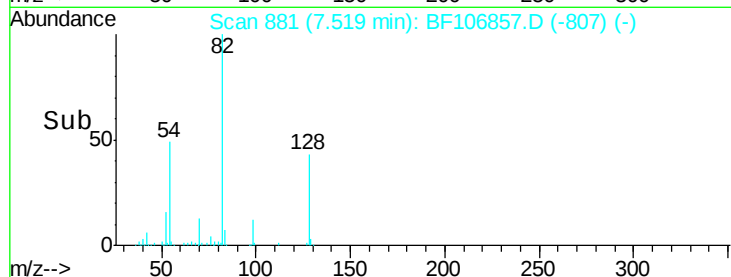
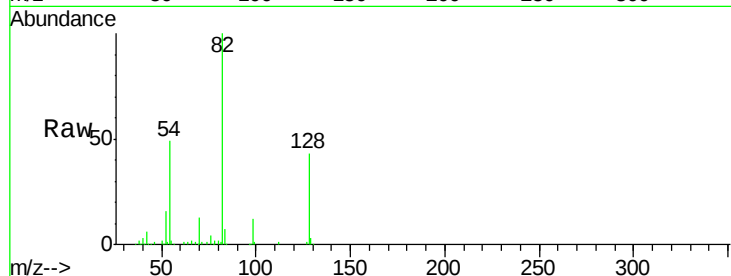
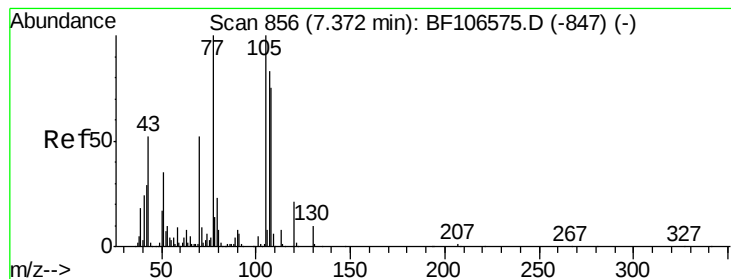


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 12.087 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF106857.D

Acq: 27 Jun 2018 7:18

Instrument :

BNA_F

ClientSampleId :

PE-3

Tgt Ion: 70 Resp: 24523

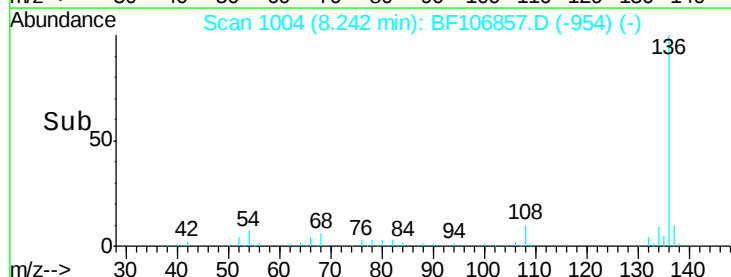
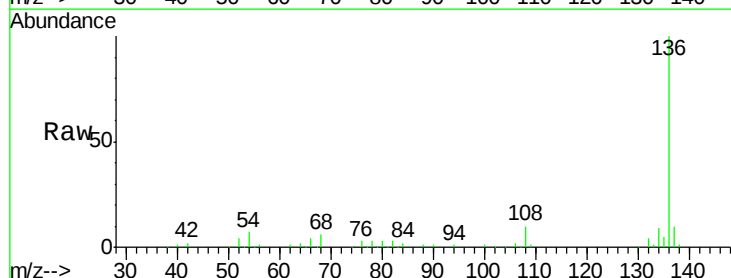
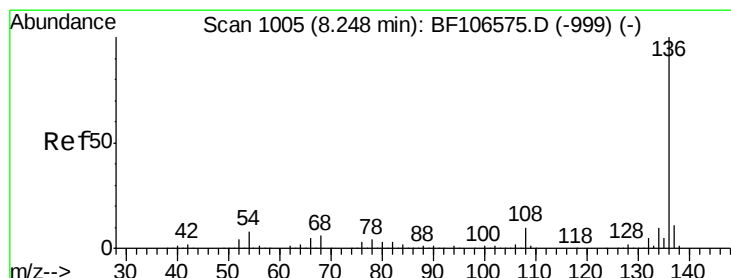
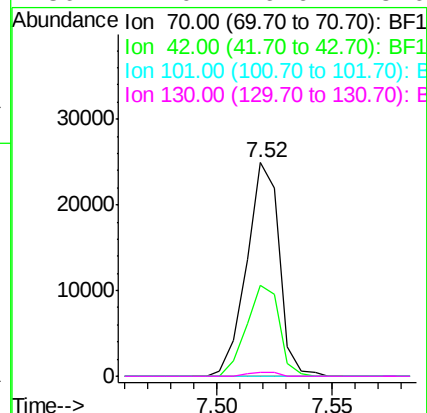
Ion Ratio Lower Upper

70 100

42 42.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106857.D

Acq: 27 Jun 2018 7:18

Tgt Ion: 136 Resp: 149078

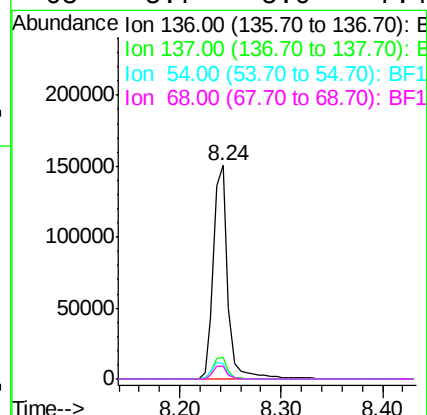
Ion Ratio Lower Upper

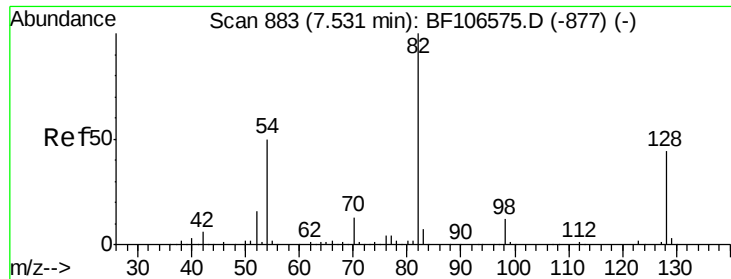
136 100

137 10.4 8.9 13.3

54 7.3 6.6 9.8

68 5.7 5.0 7.4

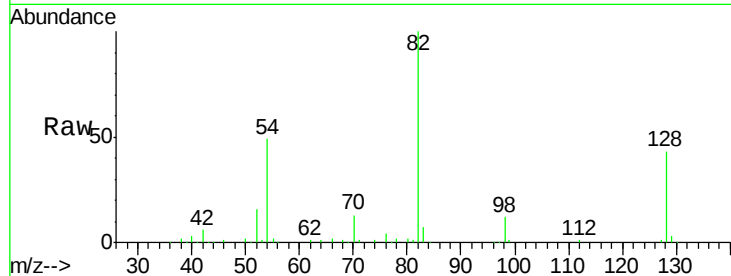




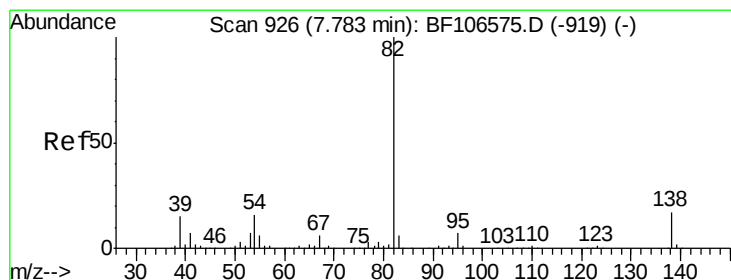
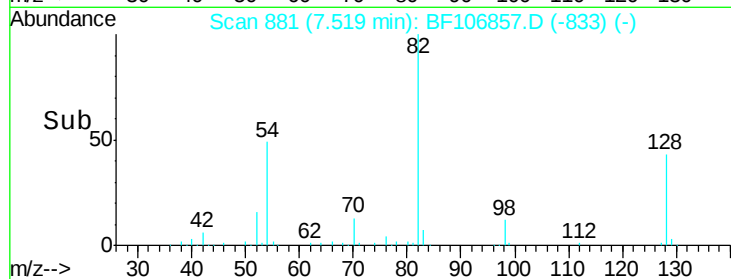
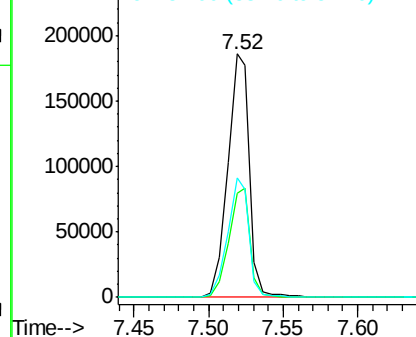
#23
Nitrobenzene-d5
Concen: 71.201 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106857.D
Acq: 27 Jun 2018 7:18

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	48.8	41.4	62.2

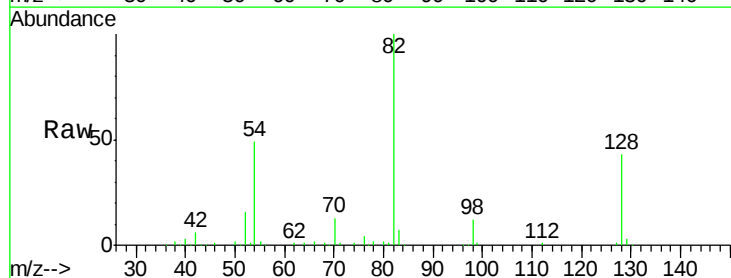


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

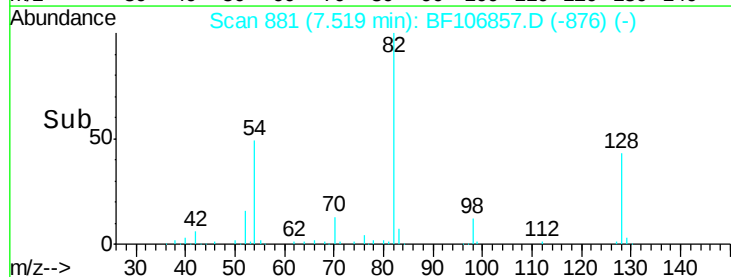
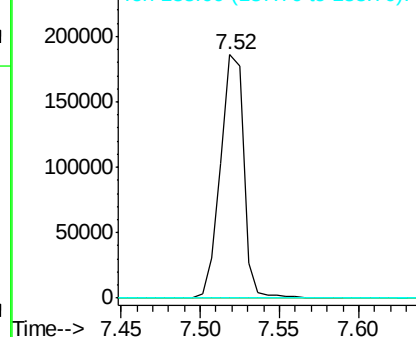


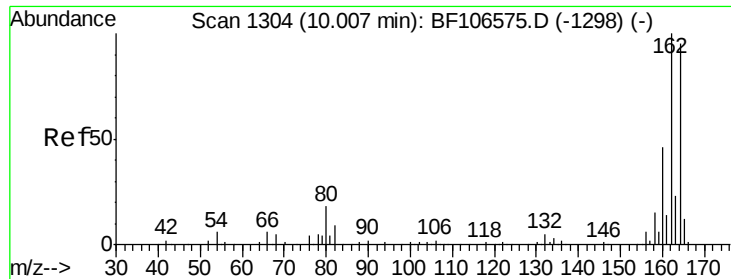
#25
Isophorone
Concen: 40.405 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF106857.D
Acq: 27 Jun 2018 7:18

Tgt 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

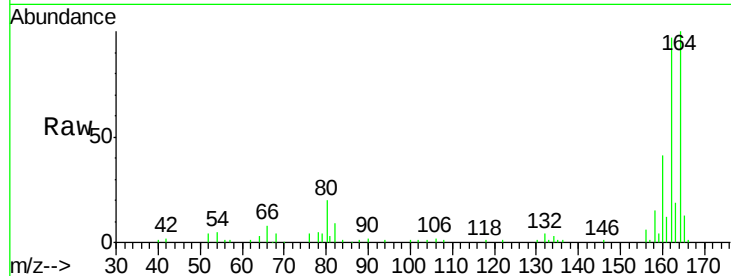




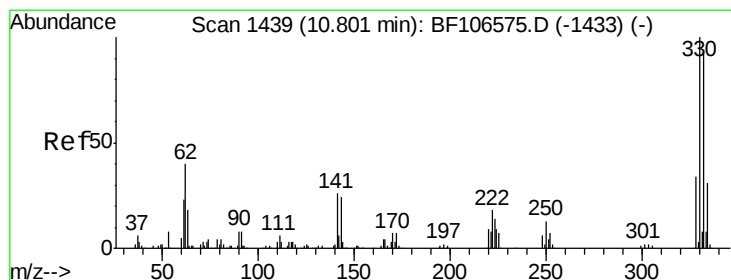
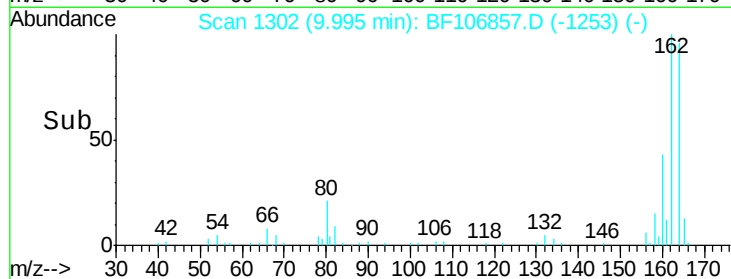
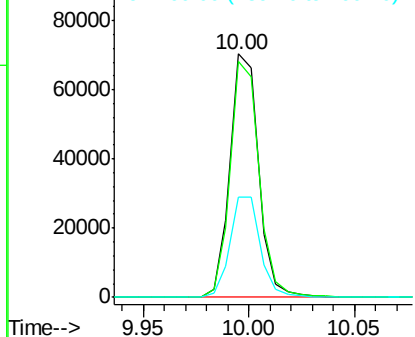
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106857.D
 Acq: 27 Jun 2018 7:18

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Tgt Ion:164 Resp: 65765
 Ion Ratio Lower Upper
 164 100
 162 96.9 86.1 129.1
 160 41.1 38.3 57.5

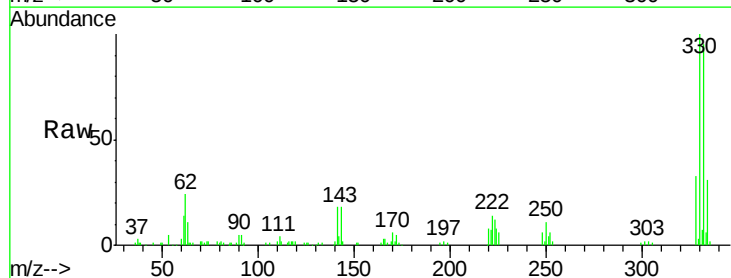


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

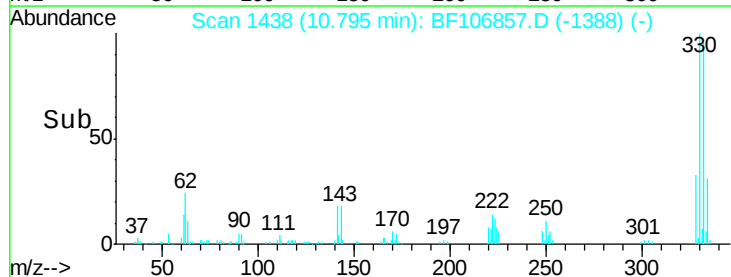
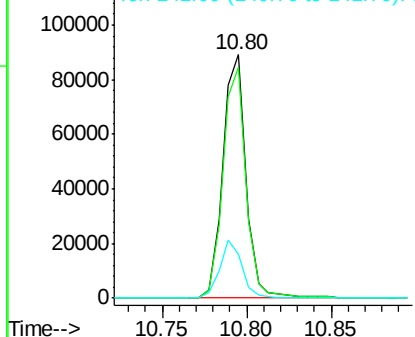


#41
 2,4,6-Tribromophenol
 Concen: 111.014 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106857.D
 Acq: 27 Jun 2018 7:18

Tgt Ion:330 Resp: 84619
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 22.9 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

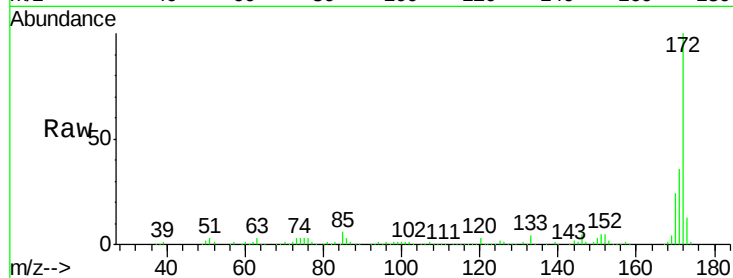




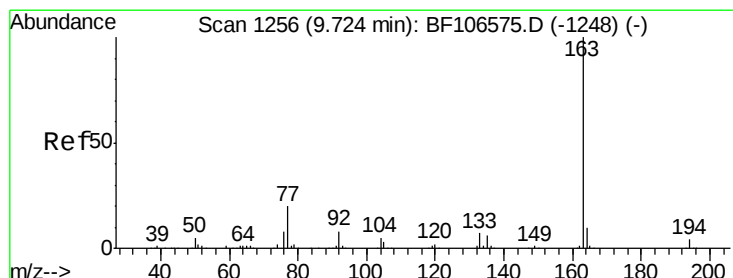
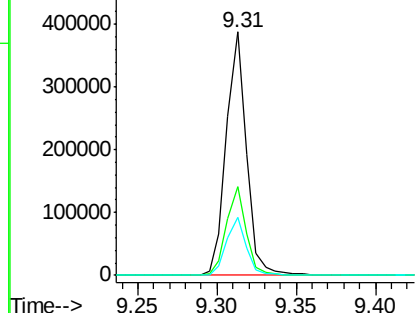
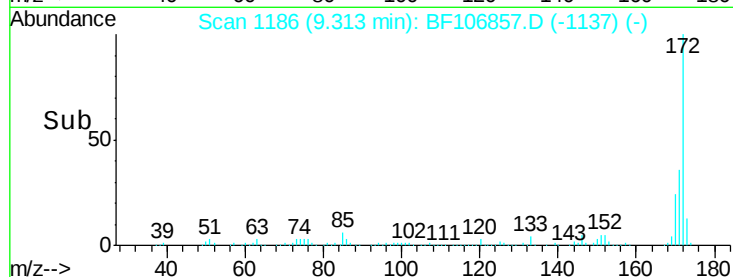
#44
 2-Fluorobiphenyl
 Concen: 89.588 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106857.D
 Acq: 27 Jun 2018 7:18

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Tgt Ion:172 Resp: 344989
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.9 19.6 29.4

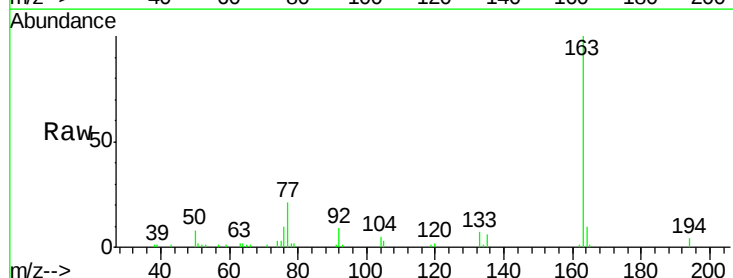


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

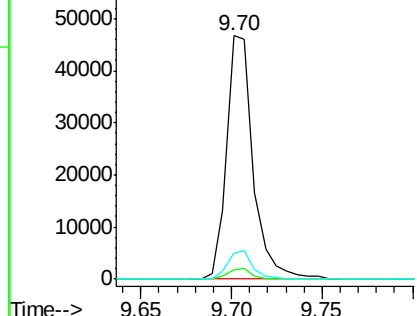
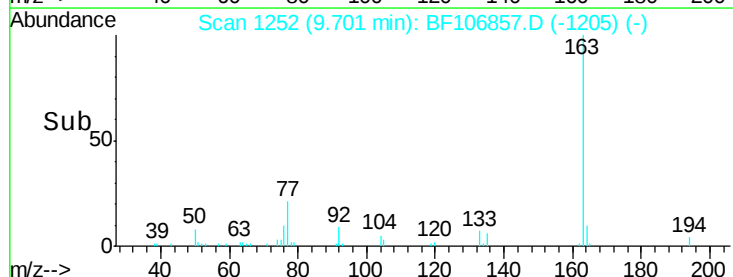


#49
 Dimethylphthalate
 Concen: 9.631 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF106857.D
 Acq: 27 Jun 2018 7:18

Tgt Ion:163 Resp: 47503
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.7 4.1
 164 10.5 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

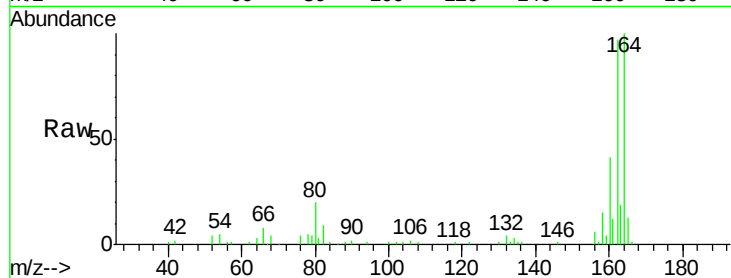




#56
 2,4-Dinitrotoluene
 Concen: 6.117 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF106857.D
 Acq: 27 Jun 2018 7:18

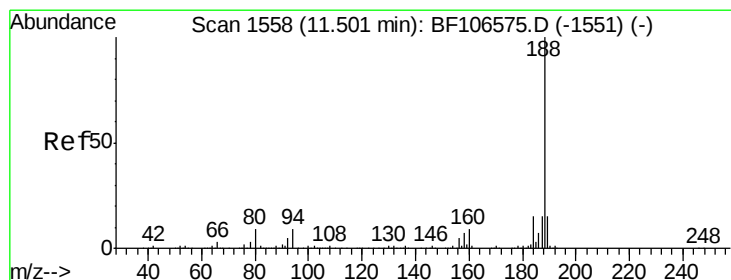
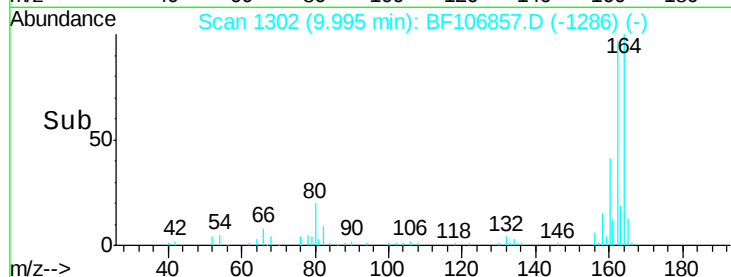
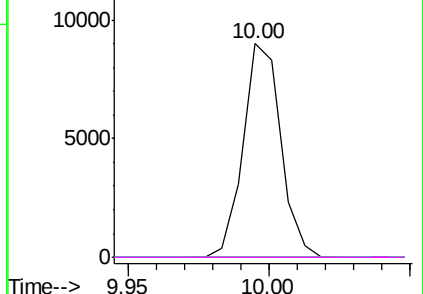
Instrument :
 BNA_F
 ClientSampled :
 PE-3

Tgt Ion:165 Resp: 8339
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#



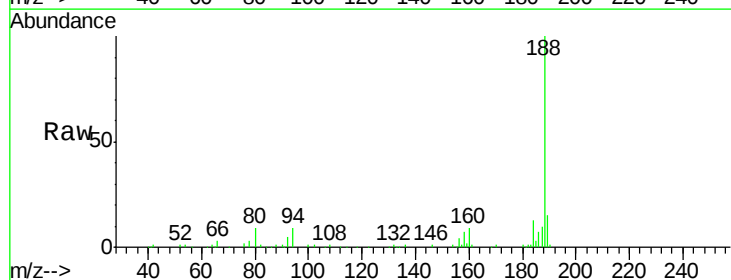
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E



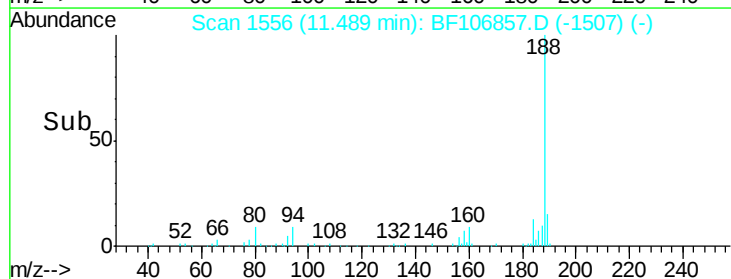
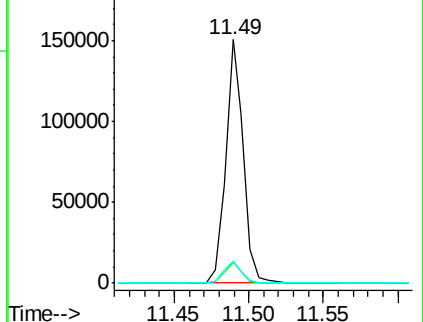
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF106857.D
 Acq: 27 Jun 2018 7:18

Tgt Ion:188 Resp: 124936
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.5 12.7
 80 9.3 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

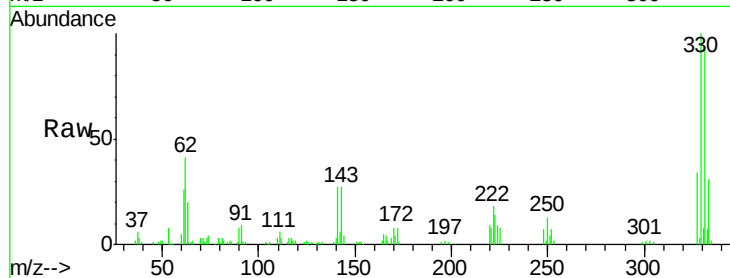




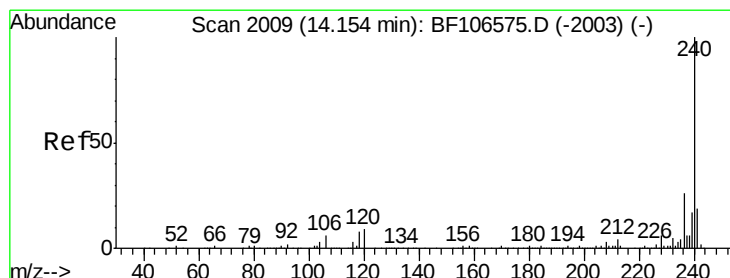
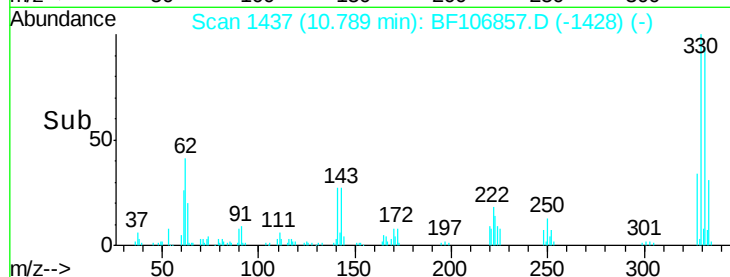
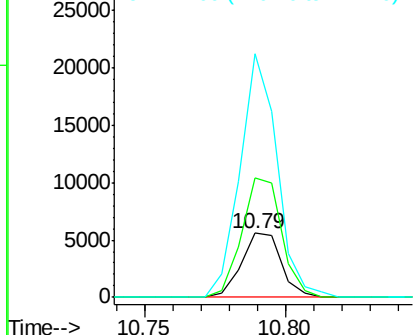
#66
 4-Bromophenyl-phenylether
 Concen: 3.634 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF106857.D
 Acq: 27 Jun 2018 7:18

Instrument :
 BNA_F
 ClientSampled :
 PE-3

Tgt Ion:248 Resp: 5418
 Ion Ratio Lower Upper
 248 100
 250 187.8 76.9 115.3#
 141 381.7 74.4 111.6#

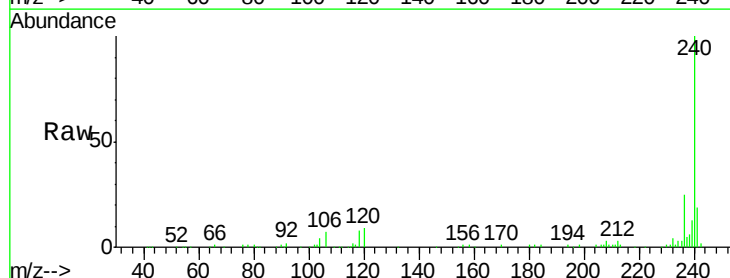


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

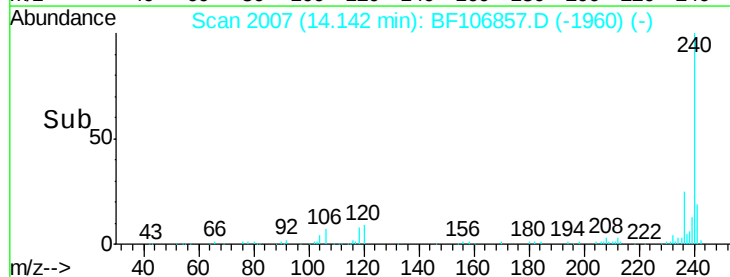
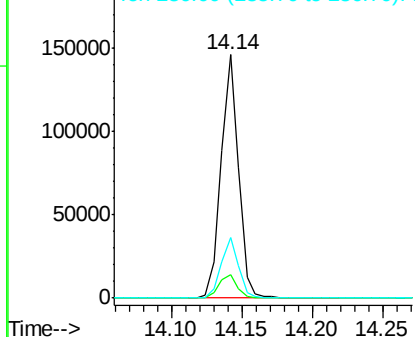


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF106857.D
 Acq: 27 Jun 2018 7:18

Tgt Ion:240 Resp: 125872
 Ion Ratio Lower Upper
 240 100
 120 9.4 9.5 14.3#
 236 24.8 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: 75.554 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106857.D

Acq: 27 Jun 2018 7:18

Instrument :

BNA_F

ClientSampleId :

PE-3

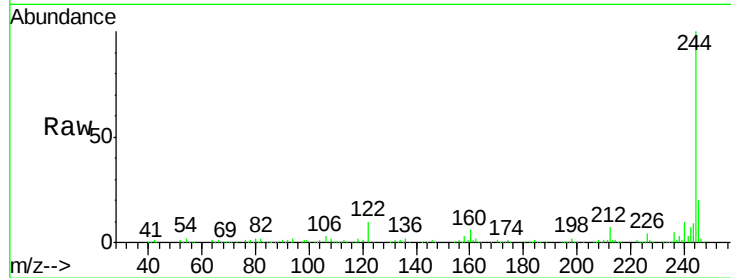
Tgt Ion:244 Resp: 392607

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

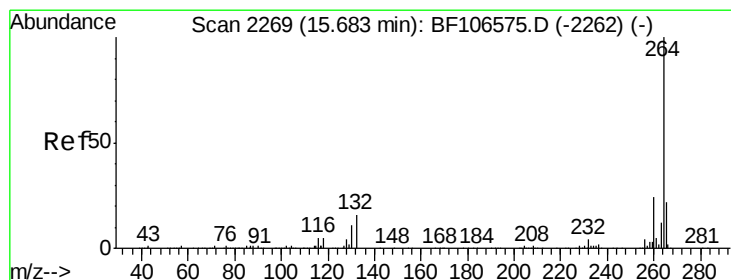
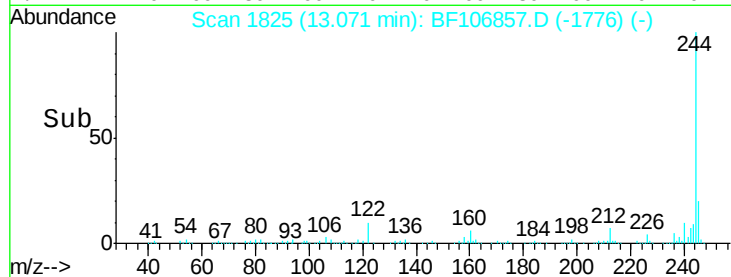
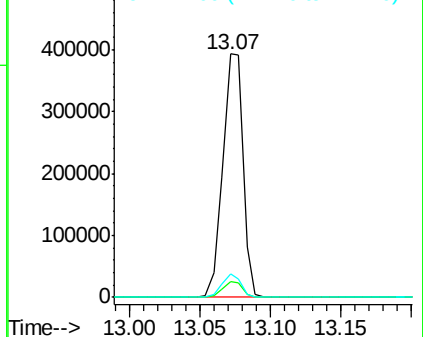
122 9.5 11.0 16.4#



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# 2268

Delta R.T. -0.04 min

Lab File: BF106857.D

Acq: 27 Jun 2018 7:18

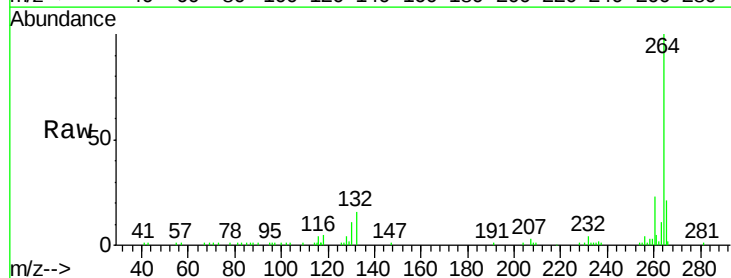
Tgt Ion:264 Resp: 83138

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.2 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

