

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106859.D
 Acq On : 27 Jun 2018 8:11
 Operator : JU/SJ
 Sample : J3687-05
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-5

Quant Time: Jun 27 08:44:45 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

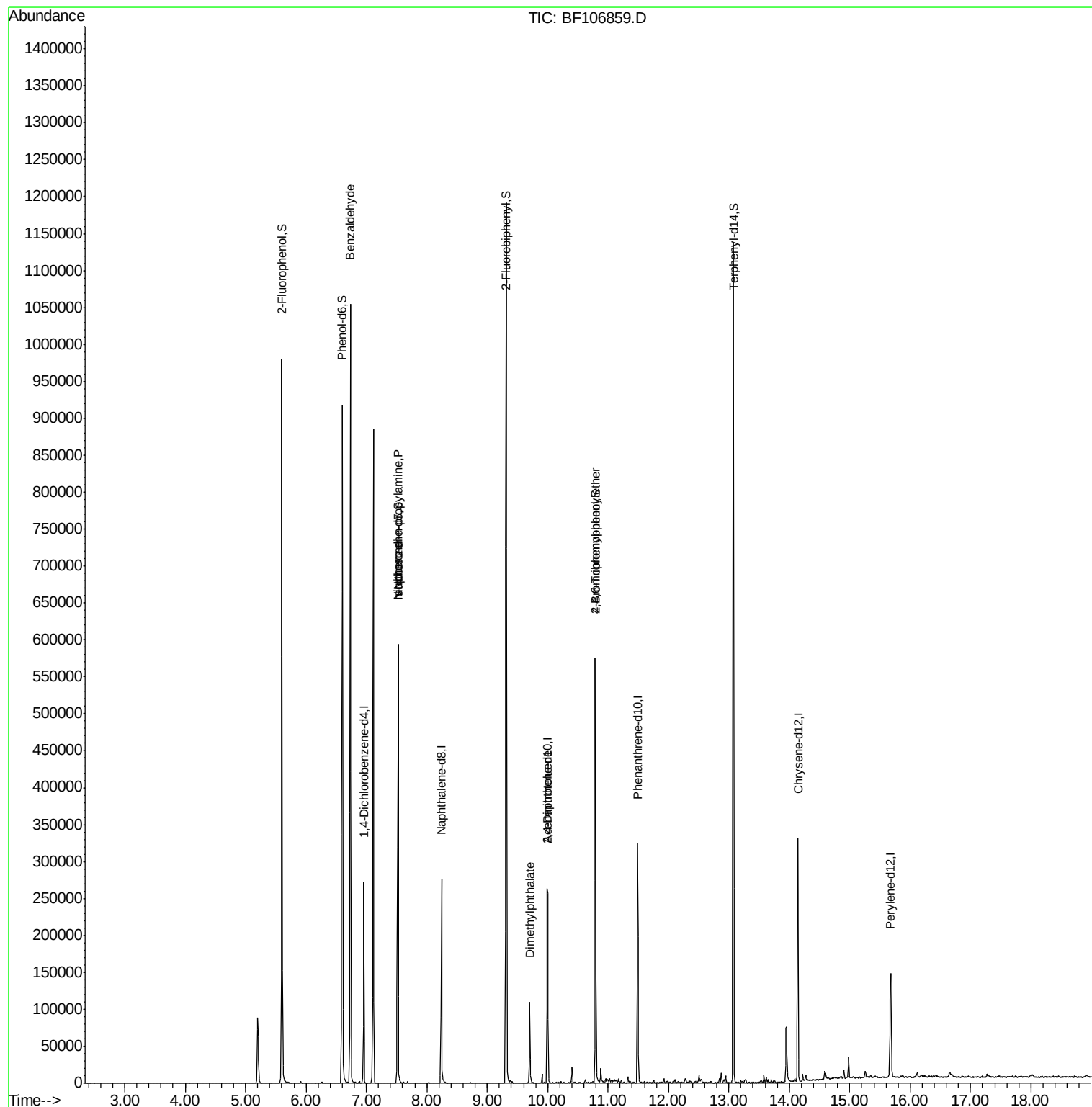
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	41902	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	145526	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	62537	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	119588	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	121287	20.00	ng	-0.02
86) Perylene-d12	15.68	264	79895	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	293799	118.73	ng	0.00
7) Phenol-d6	6.60	99	361476	116.97	ng	-0.01
23) Nitrobenzene-d5	7.52	82	222020	84.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	92061	127.01	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	393323	110.96	ng	-0.01
78) Terphenyl-d14	13.08	244	451853	90.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	6289	2.416	ng	83
19) n-Nitroso-di-n-propylamine	7.52	70	28353	13.919	ng	# 72
25) Isophorone	7.52	82	219927	47.661	ng	# 64
49) Dimethylphthalate	9.70	163	51032	10.880	ng	98
56) 2,4-Dinitrotoluene	10.00	165	7794	6.012	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	5776	4.047	ng	# 1

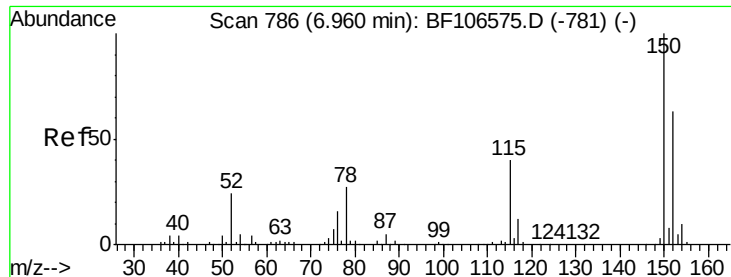
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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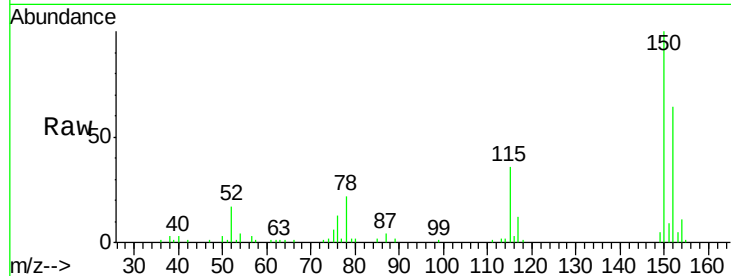


#1

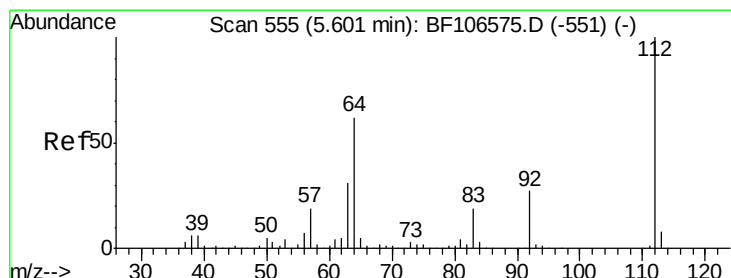
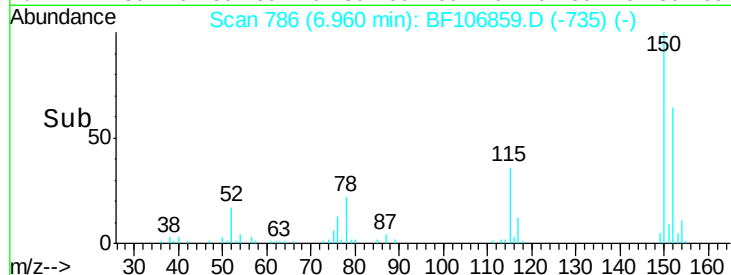
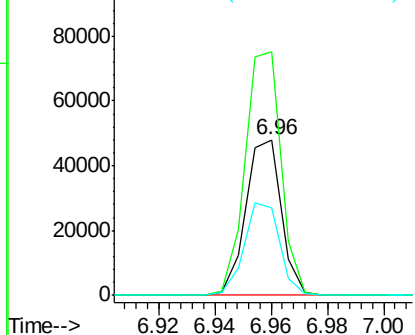
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106859.D
Acq: 27 Jun 2018 8:11

Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion:152 Resp: 41902
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 56.2 50.1 75.1



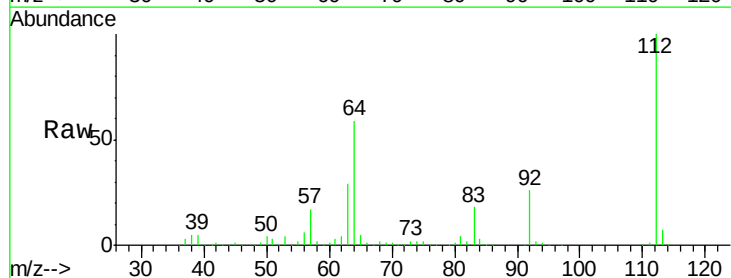
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



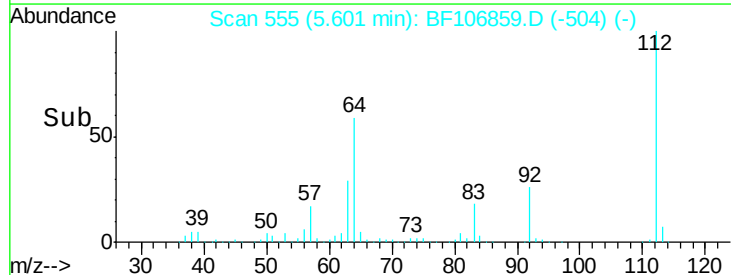
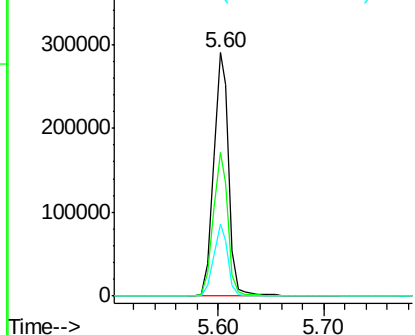
#5

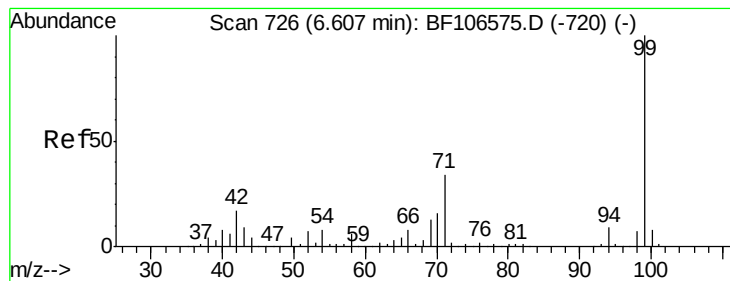
2-Fluorophenol
Concen: 118.728 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106859.D
Acq: 27 Jun 2018 8:11

Tgt Ion:112 Resp: 293799
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 29.4 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: 116.974 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106859.D

Acq: 27 Jun 2018 8:11

Instrument :

BNA_F

ClientSampled :

PE-5

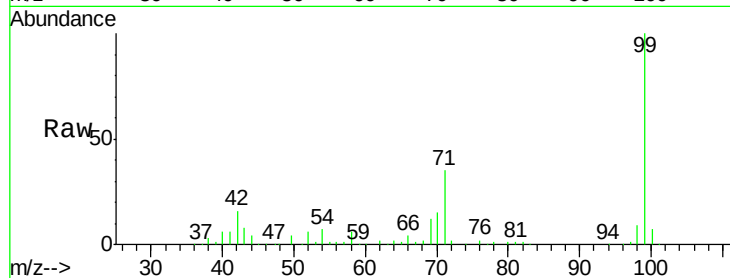
Tgt Ion: 99 Resp: 361476

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

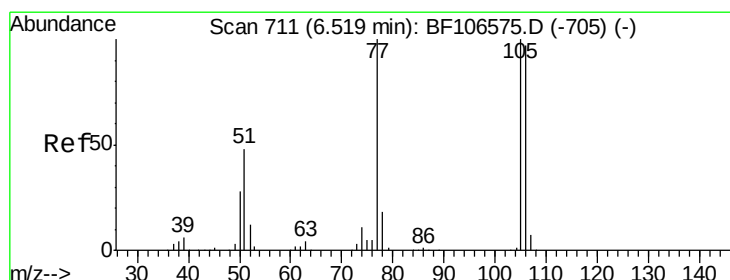
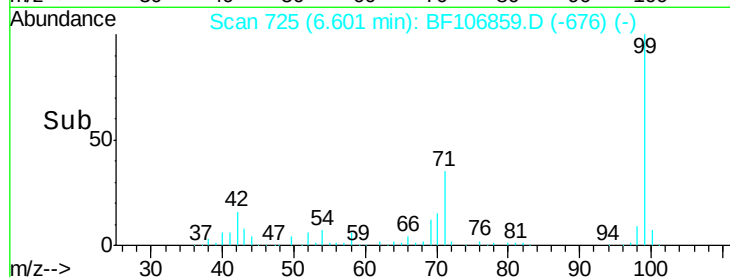
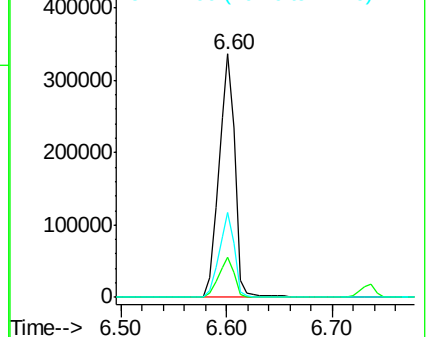
71 34.6 25.4 38.0



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: 2.416 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106859.D

Acq: 27 Jun 2018 8:11

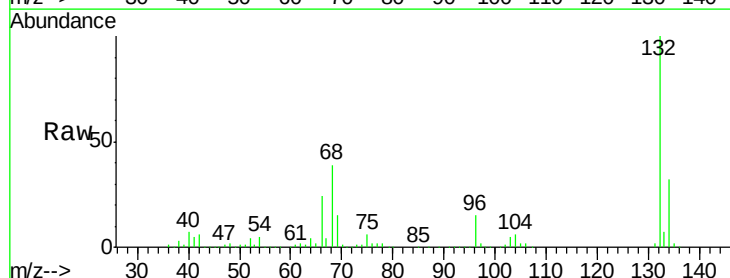
Tgt Ion: 77 Resp: 6289

Ion Ratio Lower Upper

77 100

105 81.8 81.1 121.1

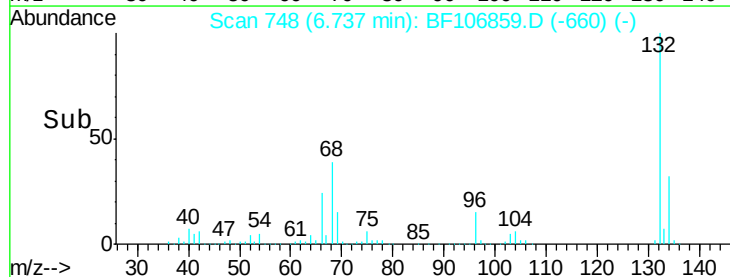
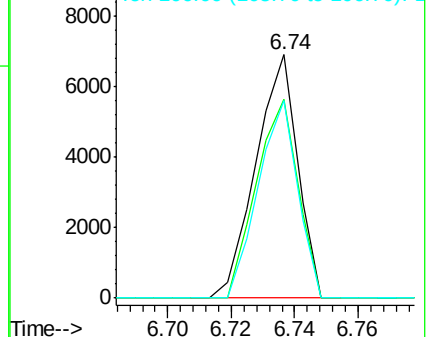
106 81.1 74.5 114.5

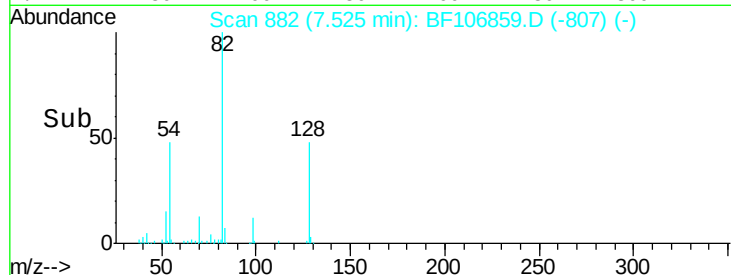
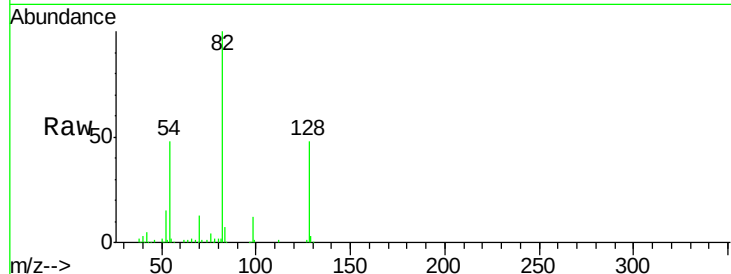
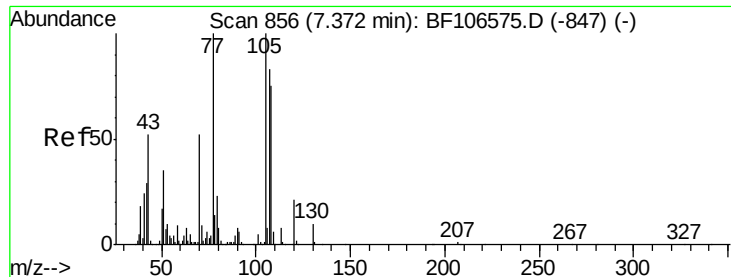


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

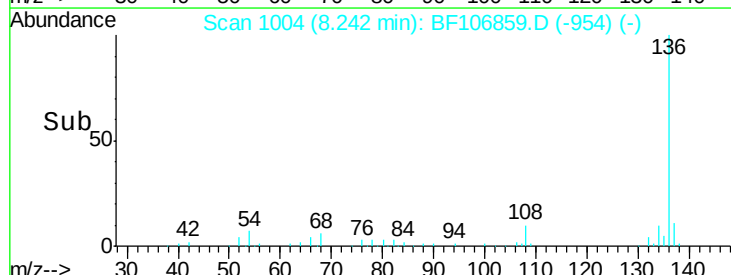
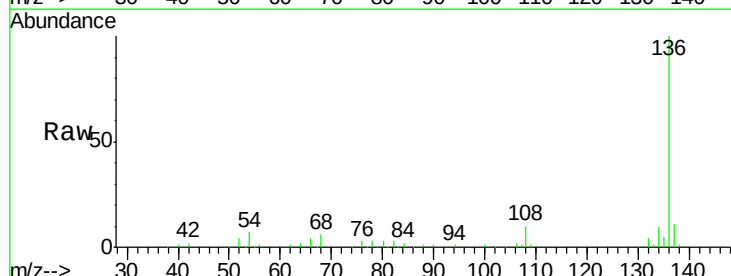
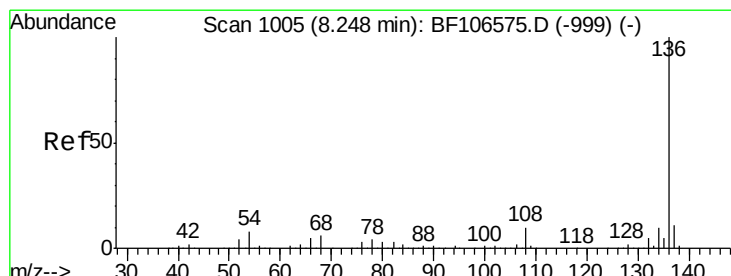
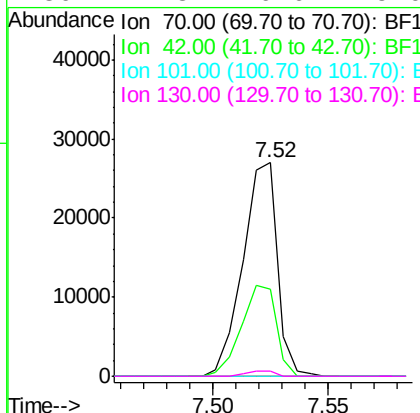




#19
n-Nitroso-di-n-propylamine
Concen: 13.919 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF106859.D
Acq: 27 Jun 2018 8:11

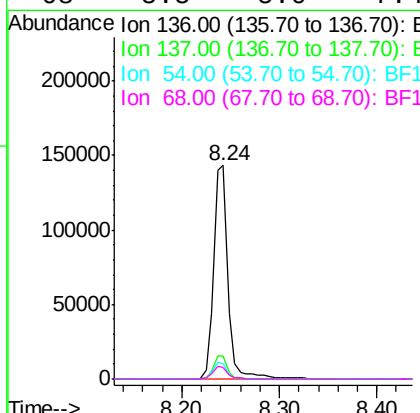
Instrument :
BNA_F
ClientSampleId :
PE-5

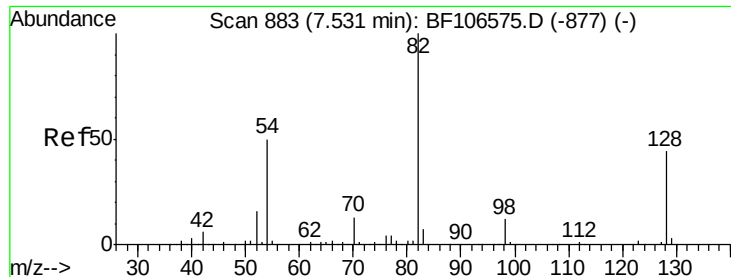
Tgt Ion: 70 Resp: 28353
Ion Ratio Lower Upper
70 100
42 41.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106859.D
Acq: 27 Jun 2018 8:11

Tgt Ion: 136 Resp: 145526
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.1 6.6 9.8
68 5.5 5.0 7.4

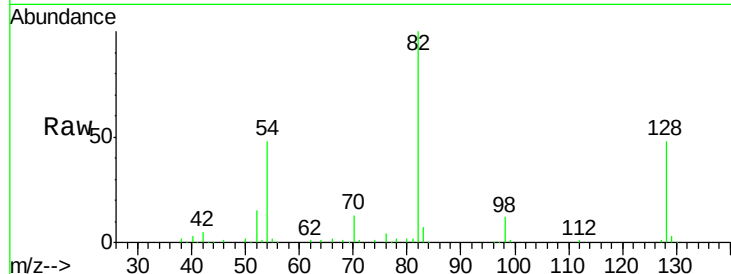




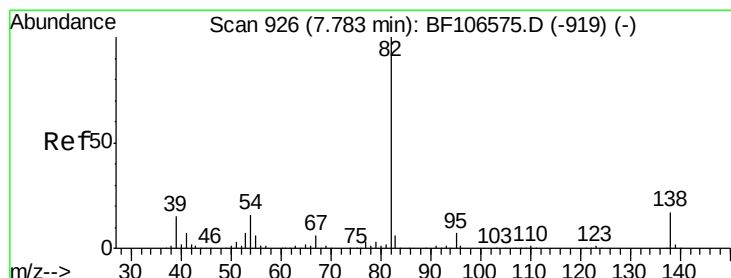
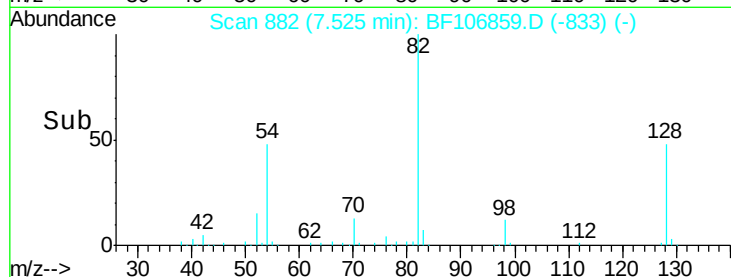
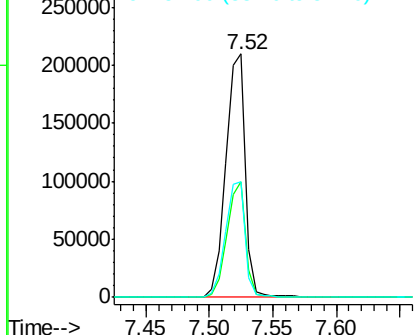
#23
Nitrobenzene-d5
Concen: 84.785 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106859.D
Acq: 27 Jun 2018 8:11

Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion: 82 Resp: 222020
Ion Ratio Lower Upper
82 100
128 47.6 36.1 54.1
54 47.5 41.4 62.2

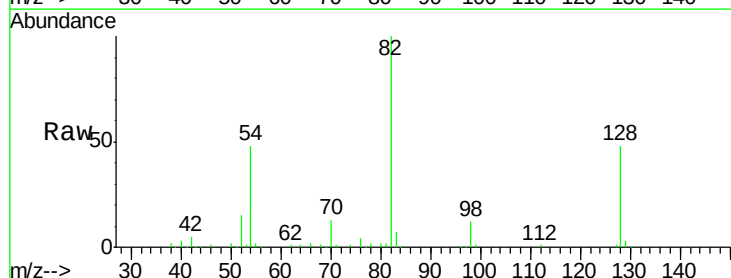


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

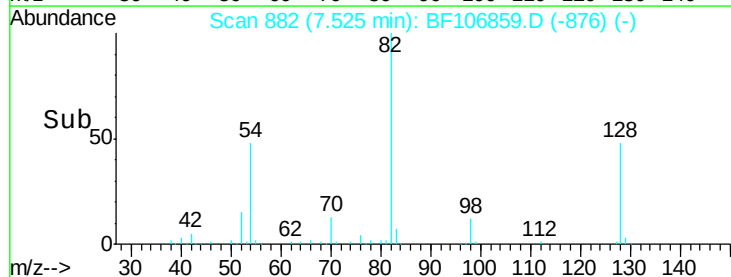
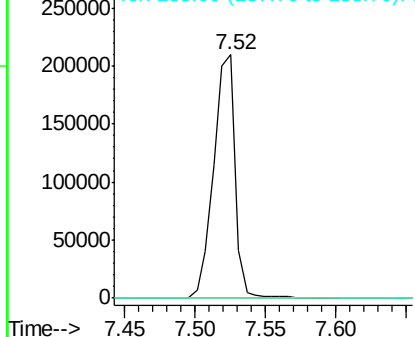


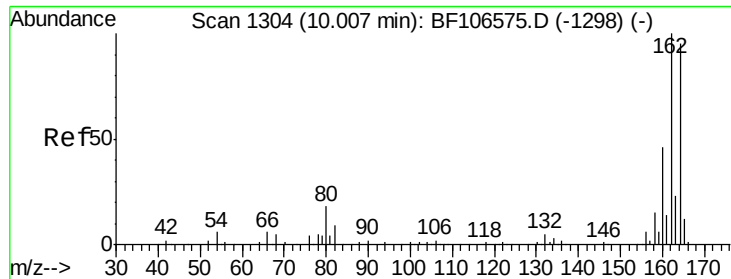
#25
Isophorone
Concen: 47.661 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106859.D
Acq: 27 Jun 2018 8:11

Tgt Ion: 82 Resp: 219927
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: BF106859.D

Acq: 27 Jun 2018 8:11

Instrument :

BNA_F

ClientSampleId :

PE-5

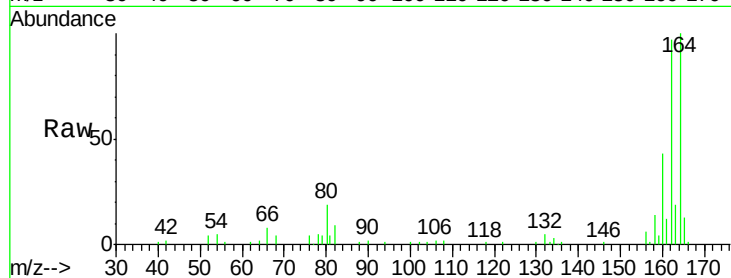
Tgt Ion:164 Resp: 62537

Ion Ratio Lower Upper

164 100

162 96.8 86.1 129.1

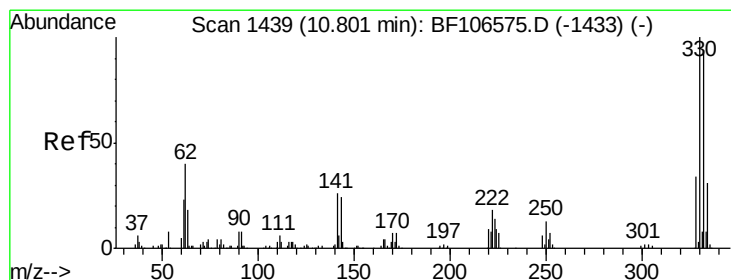
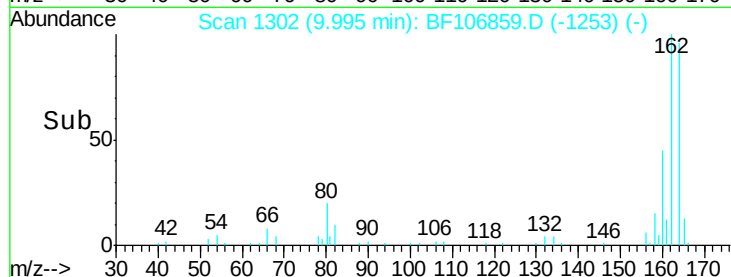
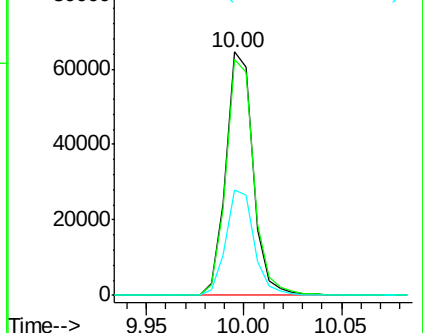
160 43.3 38.3 57.5



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: 127.012 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106859.D

Acq: 27 Jun 2018 8:11

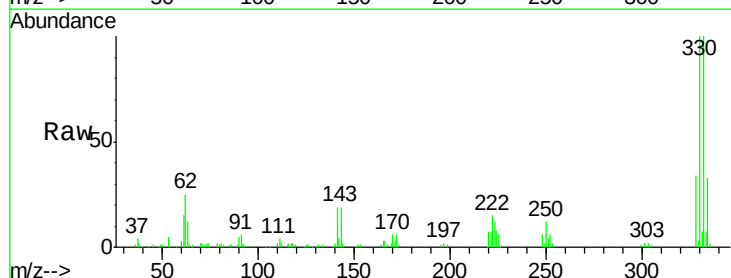
Tgt Ion:330 Resp: 92061

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

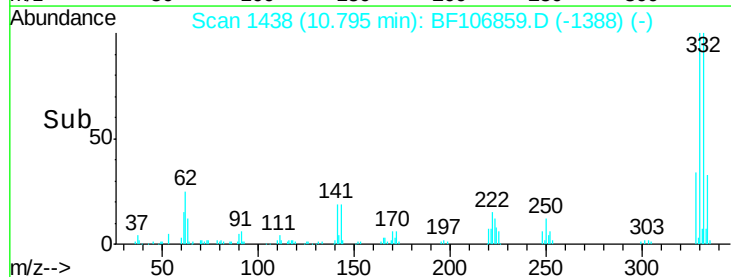
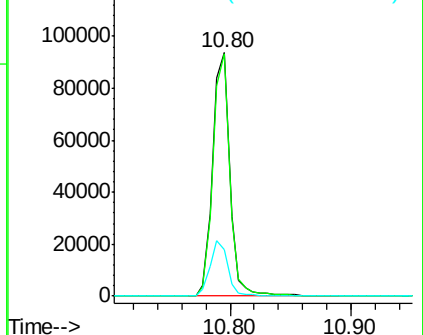
141 23.0 29.9 44.9#

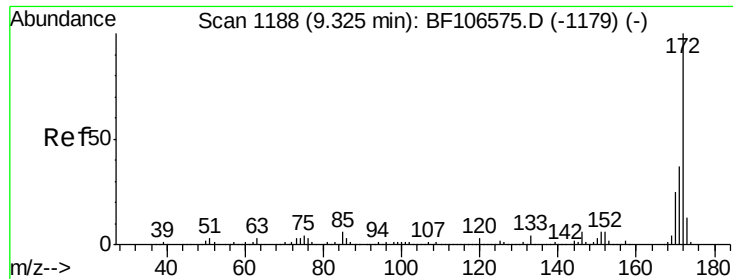


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

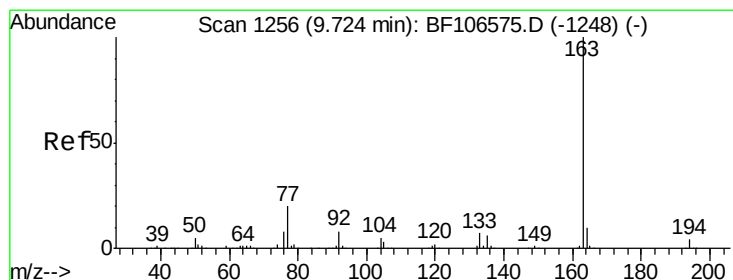
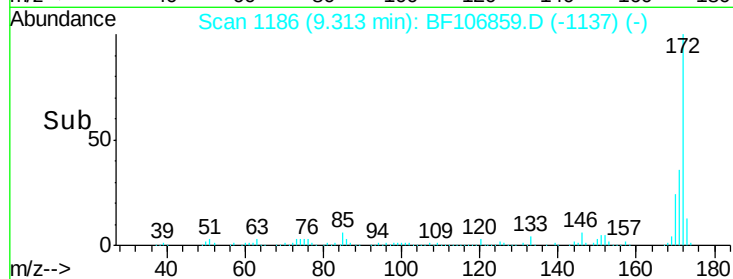
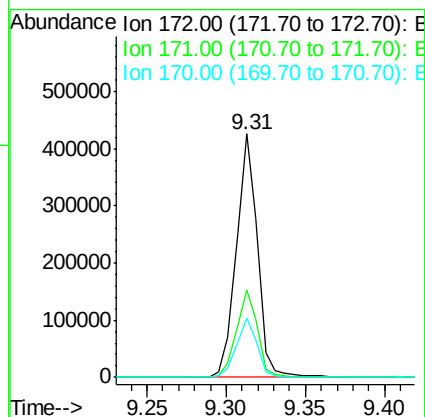
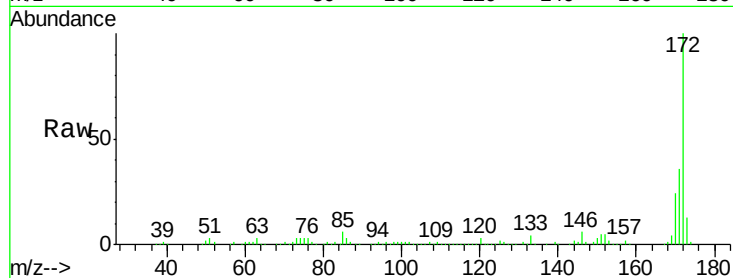




#44
 2-Fluorobiphenyl
 Concen: 110.962 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106859.D
 Acq: 27 Jun 2018 8:11

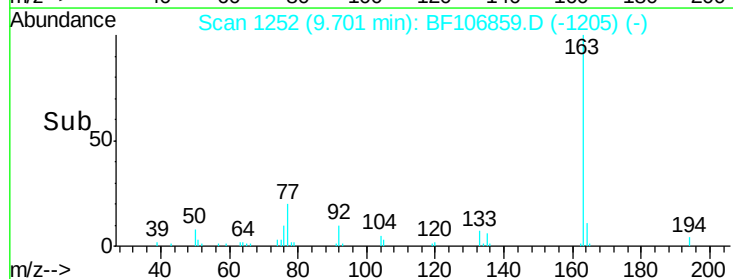
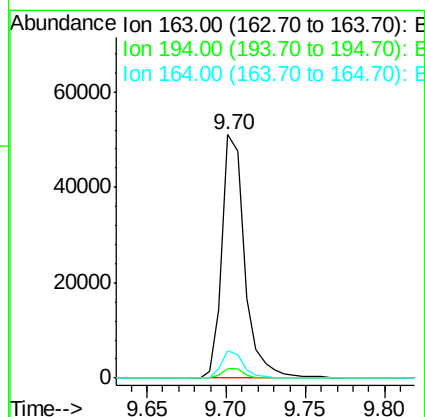
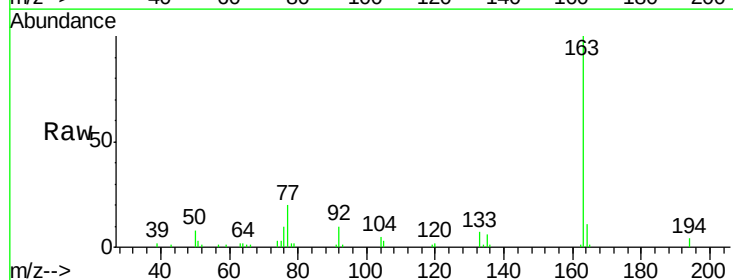
Instrument :
 BNA_F
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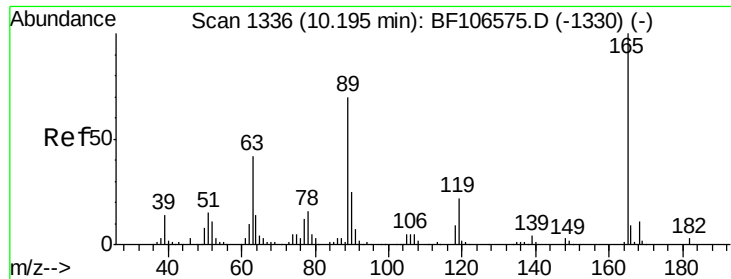
Tgt Ion:172 Resp: 393323
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.2 19.6 29.4



#49
 Dimethylphthalate
 Concen: 10.880 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF106859.D
 Acq: 27 Jun 2018 8:11

Tgt Ion:163 Resp: 51032
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 11.0 8.2 12.2

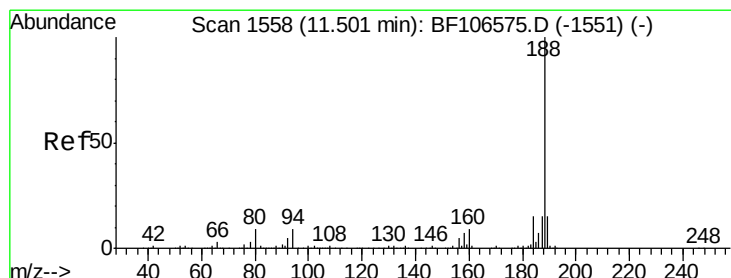
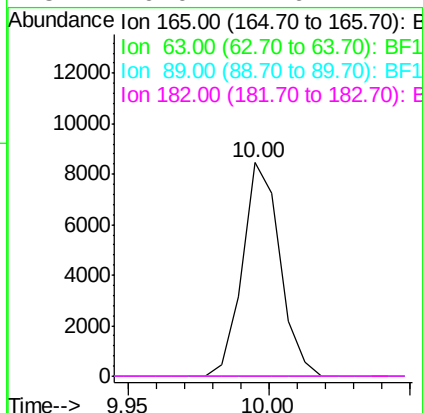
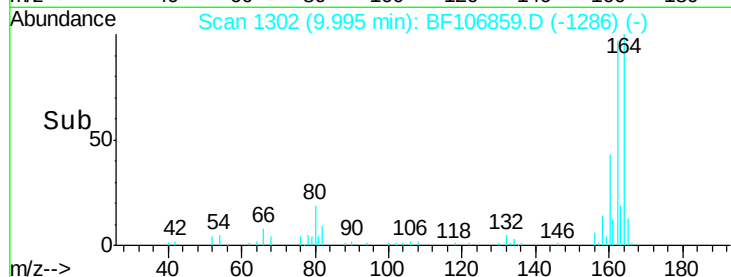
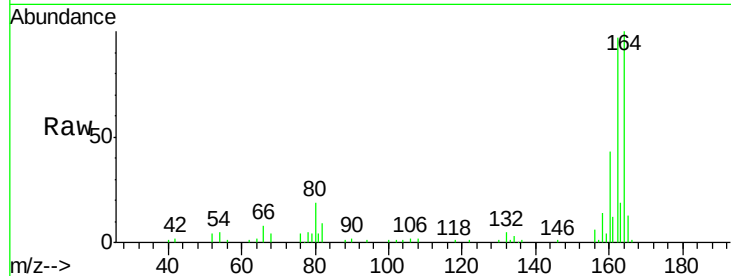




#56
2,4-Dinitrotoluene
Concen: 6.012 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106859.D
Acq: 27 Jun 2018 8:11

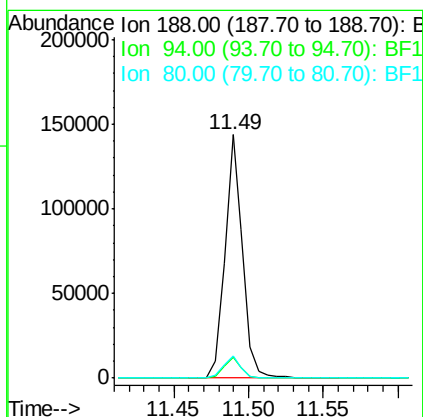
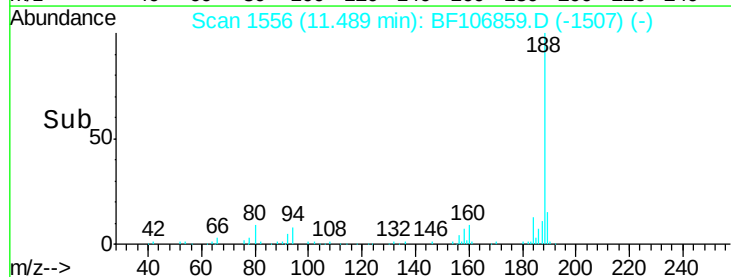
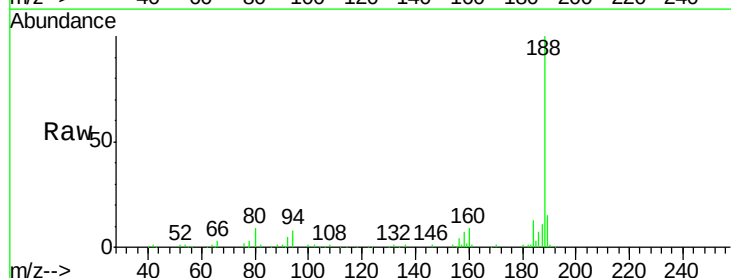
Instrument :
BNA_F
ClientSampleId :
PE-5

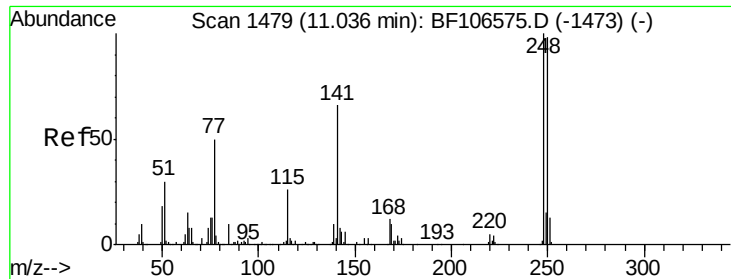
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106859.D
Acq: 27 Jun 2018 8:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	8.9	9.2	13.8#

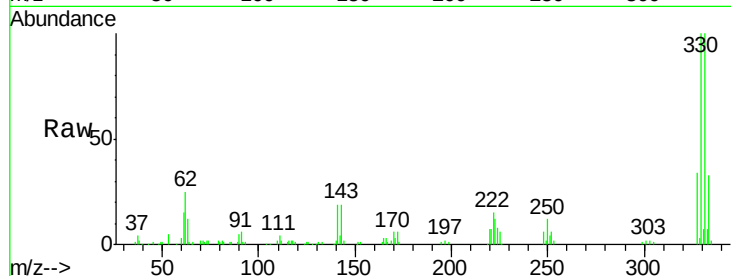




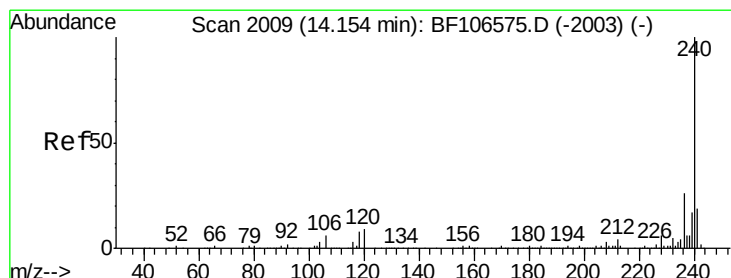
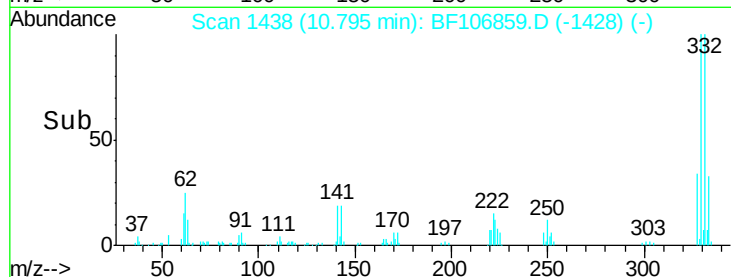
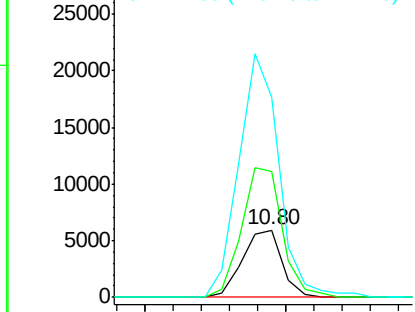
#66
4-Bromophenyl-phenylether
Concen: 4.047 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106859.D
Acq: 27 Jun 2018 8:11

Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion:248 Resp: 5776
Ion Ratio Lower Upper
248 100
250 187.8 76.9 115.3#
141 298.1 74.4 111.6#

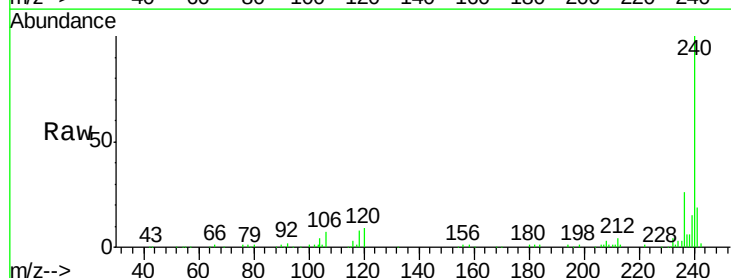


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

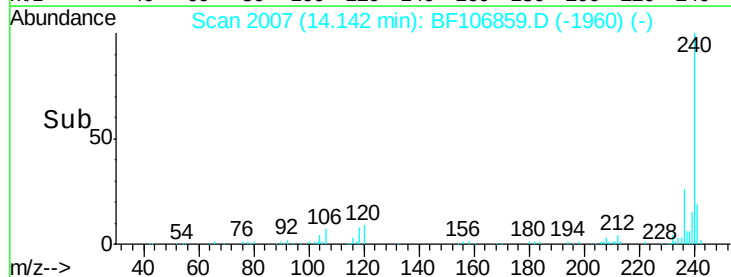
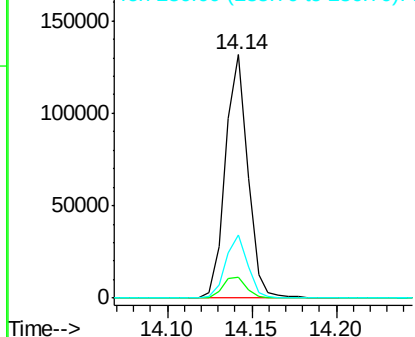


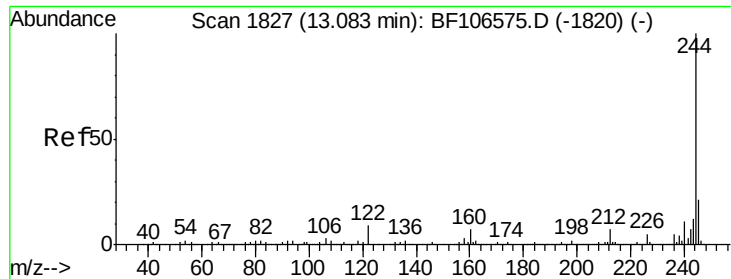
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106859.D
Acq: 27 Jun 2018 8:11

Tgt Ion:240 Resp: 121287
Ion Ratio Lower Upper
240 100
120 8.6 9.5 14.3#
236 26.2 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

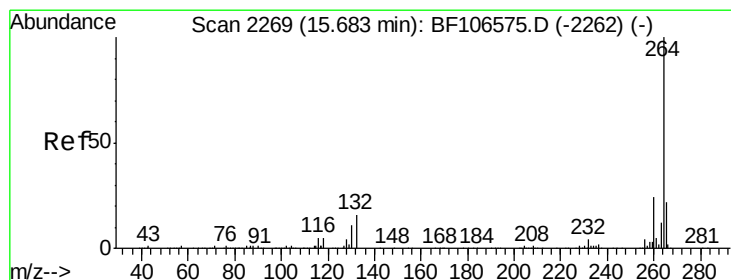
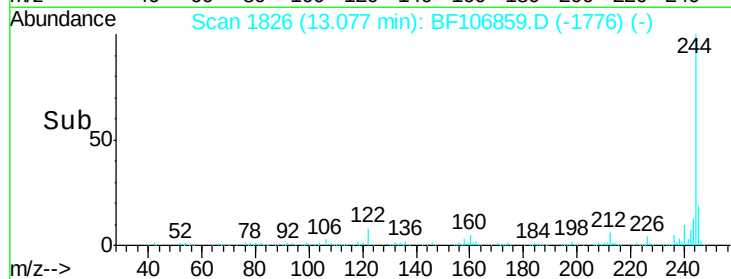
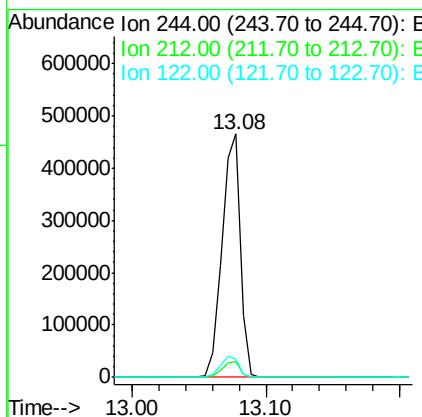
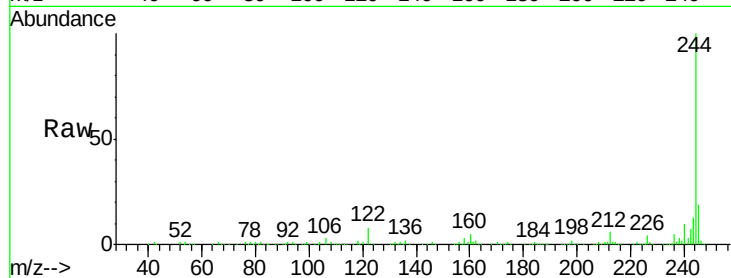




#78
 Terphenyl-d14
 Concen: 90.242 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106859.D
 Acq: 27 Jun 2018 8:11

Instrument :
 BNA_F
 ClientSampleId :
 PE-5

Tgt Ion:244 Resp: 451853
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 7.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106859.D
 Acq: 27 Jun 2018 8:11

Tgt Ion:264 Resp: 79895
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 20.8 17.5 26.3

