

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106940.D
 Acq On : 29 Jun 2018 00:04
 Operator : JU/SJ
 Sample : J3745-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(60-62)

Quant Time: Jun 29 01:12:55 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

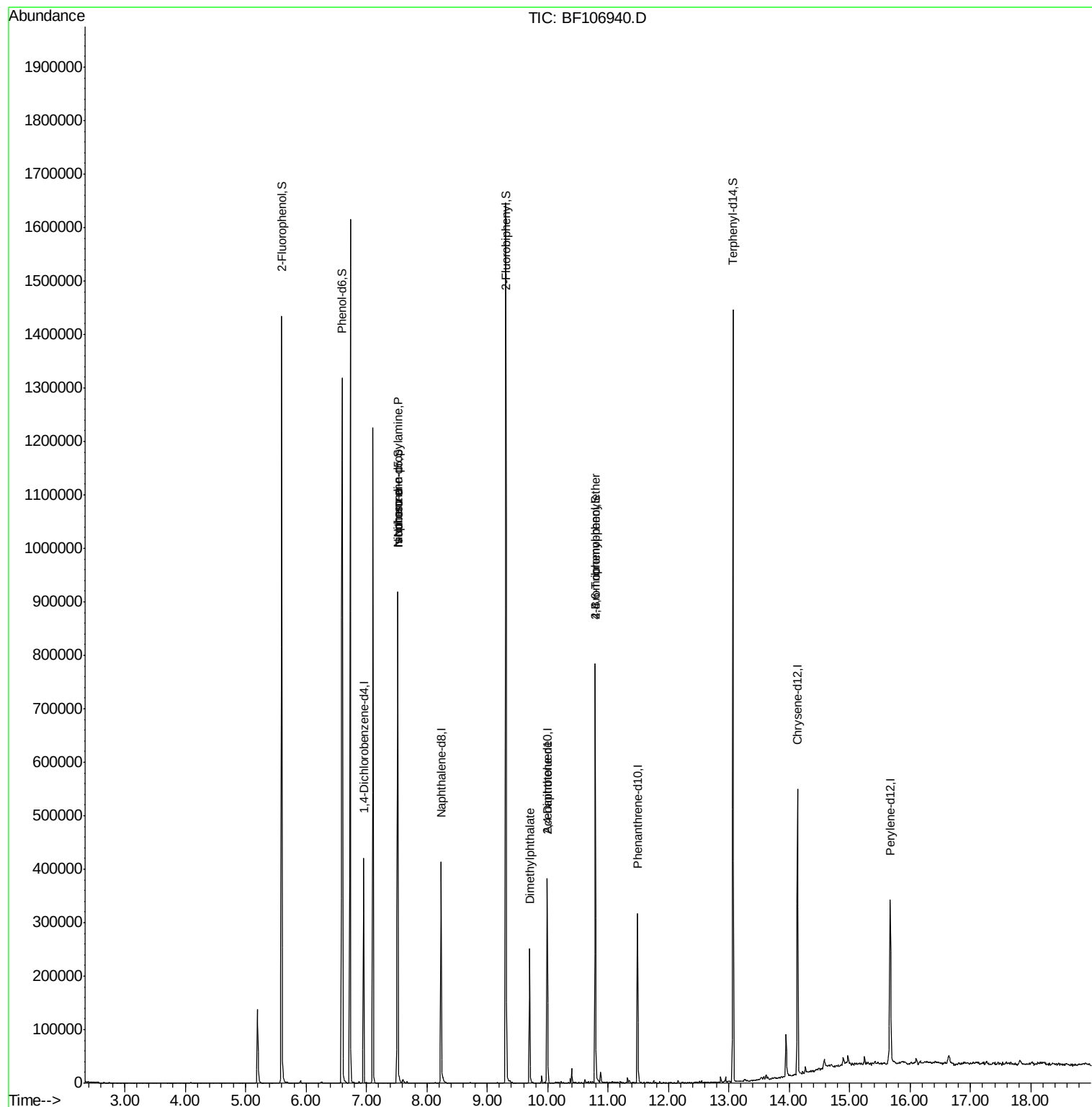
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	59241	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	202449	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	79974	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	140041	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	183807	20.00	ng	-0.03
86) Perylene-d12	15.67	264	167217	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	431935	123.46	ng	0.00
7) Phenol-d6	6.60	99	521014	119.25	ng	-0.02
23) Nitrobenzene-d5	7.52	82	310884	85.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	117967	127.27	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	513648	113.69	ng	-0.02
78) Terphenyl-d14	13.07	244	534972	70.50	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	39588	13.746	ng	# 74
25) Isophorone	7.52	82	310881	48.429	ng	# 64
49) Dimethylphthalate	9.70	163	105499	17.589	ng	99
56) 2,4-Dinitrotoluene	10.00	165	9747	5.879	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	7122	4.261	ng	# 1

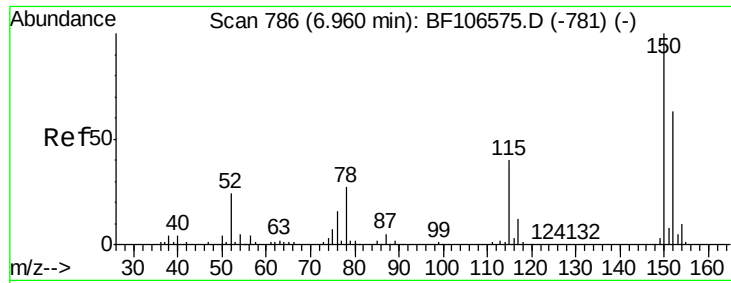
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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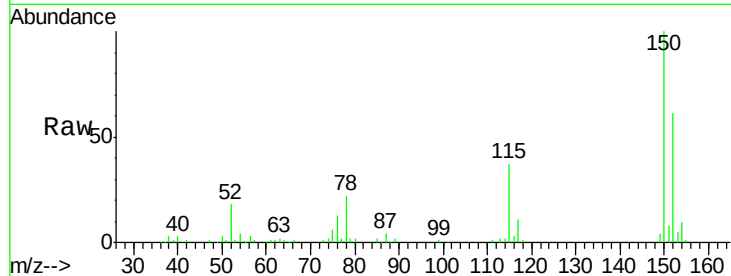


#1

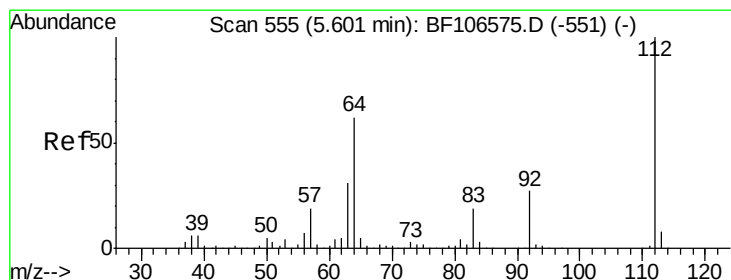
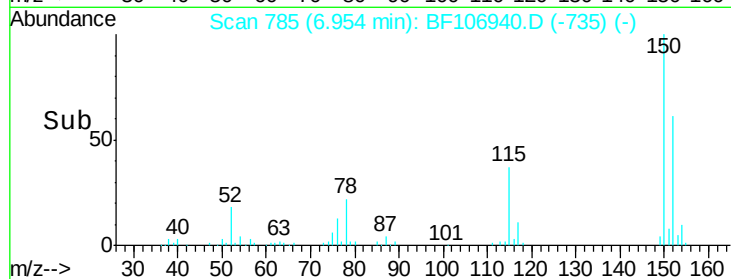
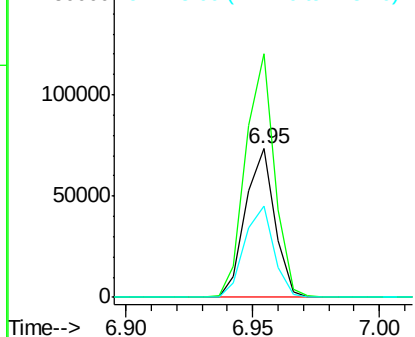
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106940.D
Acq: 29 Jun 2018 00:04

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(60-62)

Tgt Ion:152 Resp: 59241
Ion Ratio Lower Upper
152 100
150 163.8 124.6 186.8
115 61.2 50.1 75.1



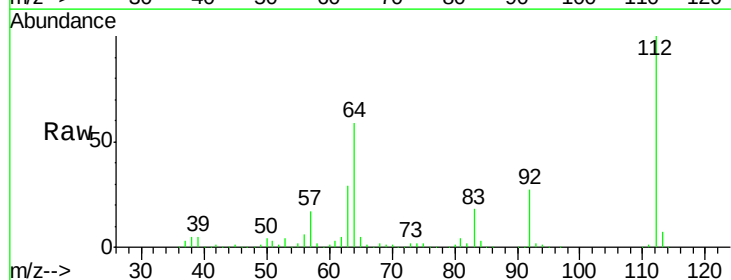
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



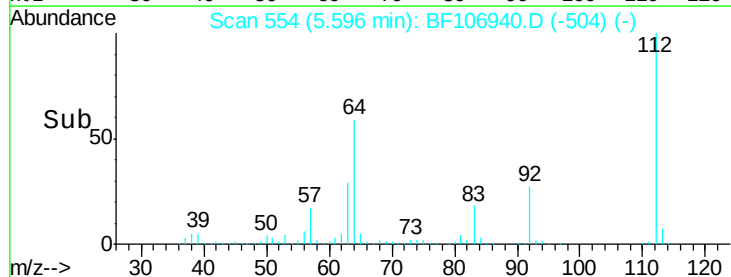
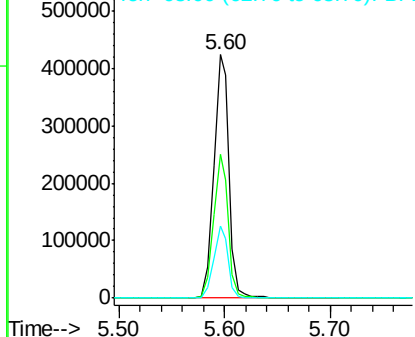
#5

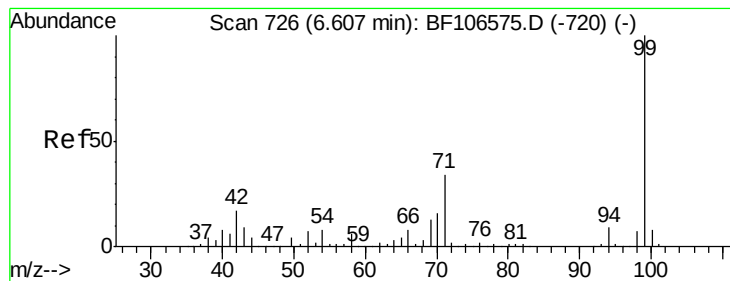
2-Fluorophenol
Concen: 123.462 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106940.D
Acq: 29 Jun 2018 00:04

Tgt Ion:112 Resp: 431935
Ion Ratio Lower Upper
112 100
64 59.3 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: 119.253 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106940.D

Acq: 29 Jun 2018 00:04

Instrument :

BNA_F

ClientSampleId :

EPE-106-8(60-62)

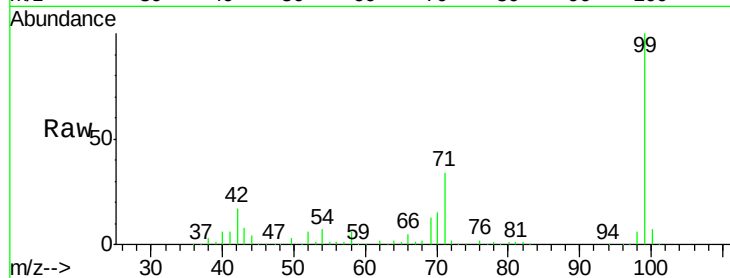
Tgt Ion: 99 Resp: 521014

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

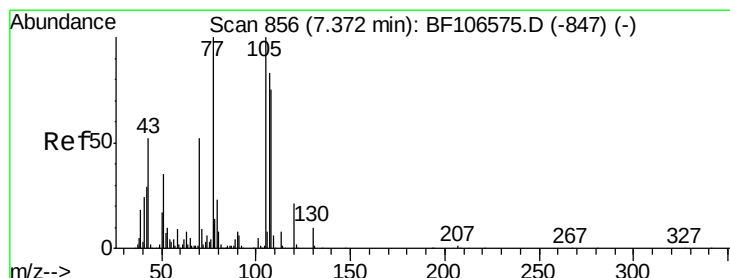
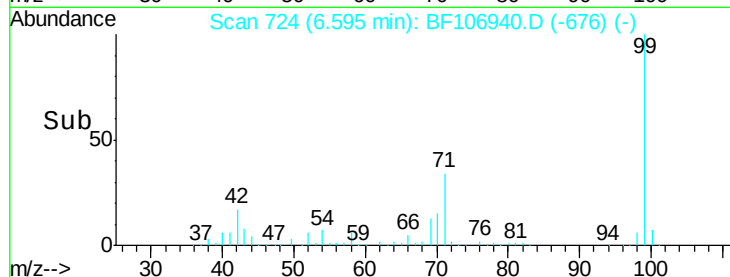
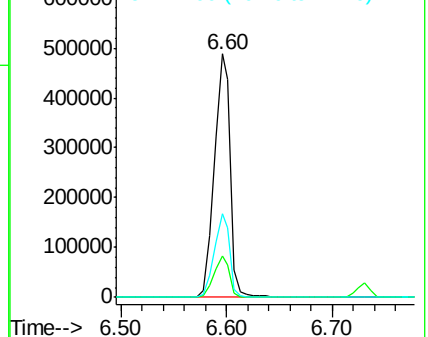
71 34.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.746 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF106940.D

Acq: 29 Jun 2018 00:04

Tgt Ion: 70 Resp: 39588

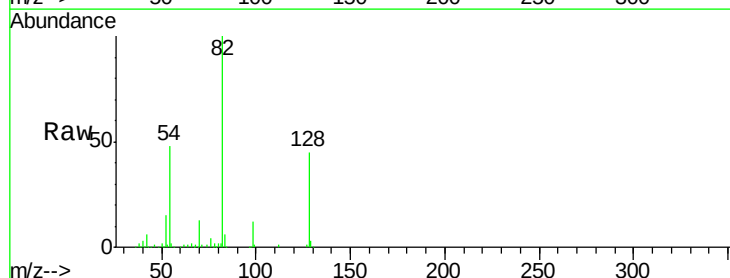
Ion Ratio Lower Upper

70 100

42 42.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

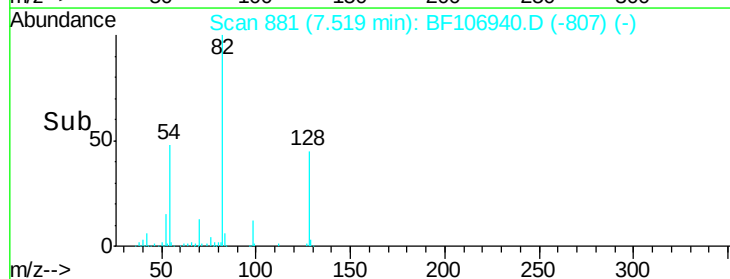
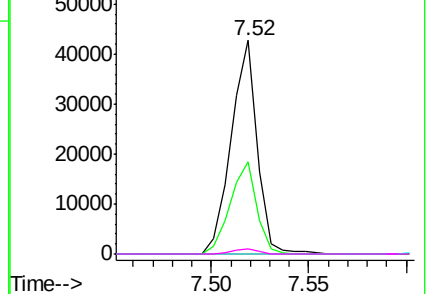


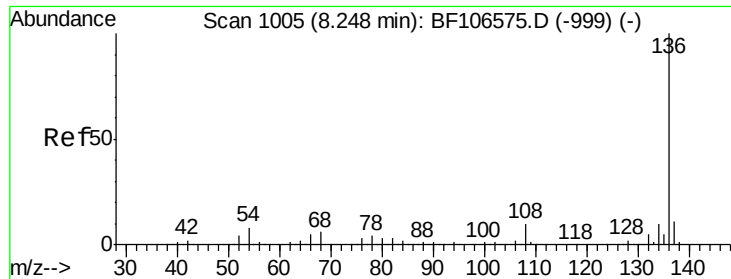
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

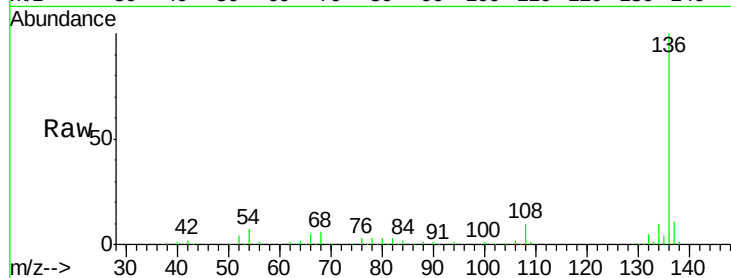




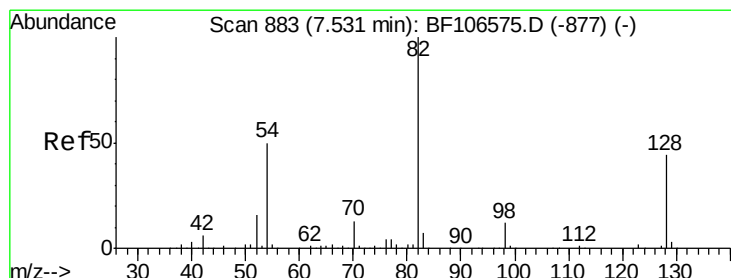
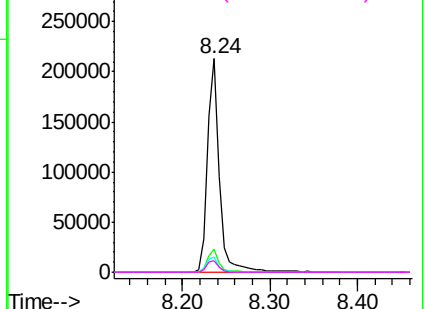
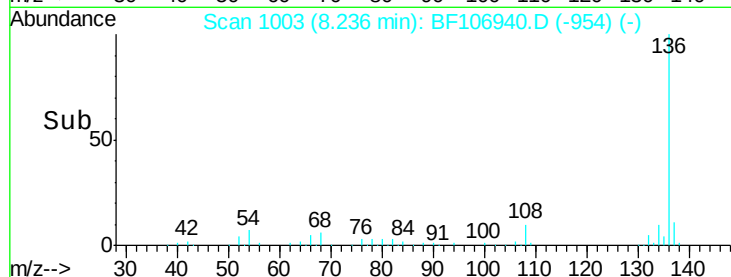
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106940.D
Acq: 29 Jun 2018 00:04

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(60-62)

Tgt Ion: 136 Resp: 202449
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.2 6.6 9.8
68 5.5 5.0 7.4

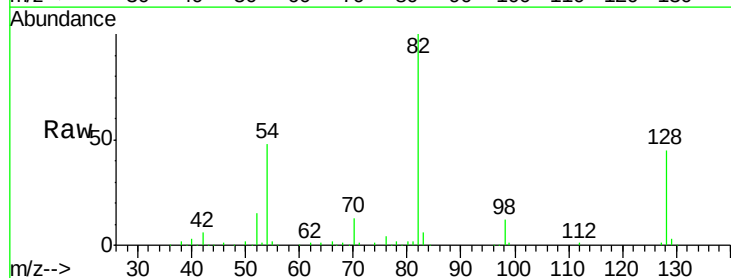


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

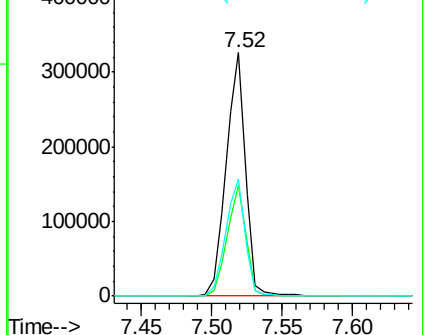
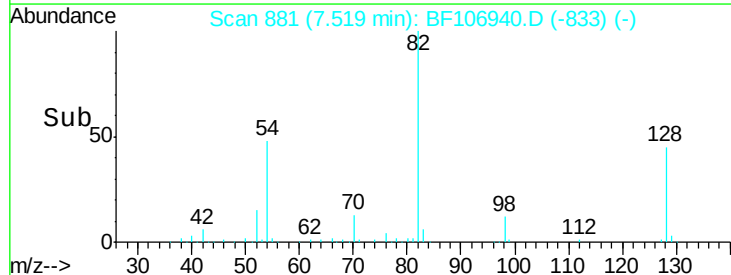


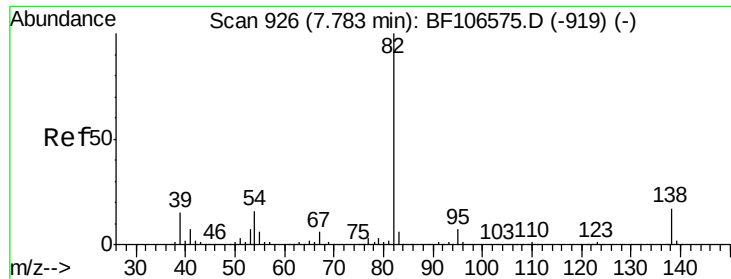
#23
Nitrobenzene-d5
Concen: 85.340 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106940.D
Acq: 29 Jun 2018 00:04

Tgt Ion: 82 Resp: 310884
Ion Ratio Lower Upper
82 100
128 45.3 36.1 54.1
54 48.3 41.4 62.2



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





#25

Isophorone

Concen: 48.429 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106940.D

Acq: 29 Jun 2018 00:04

Instrument :

BNA_F

ClientSampleId :

EPE-106-8(60-62)

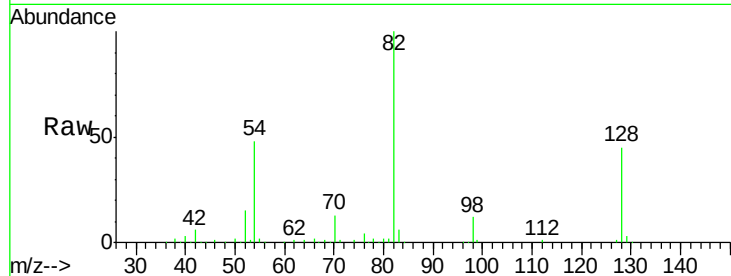
Tgt Ion: 82 Resp: 310881

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

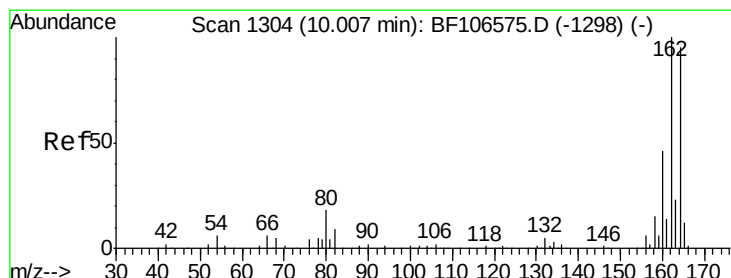
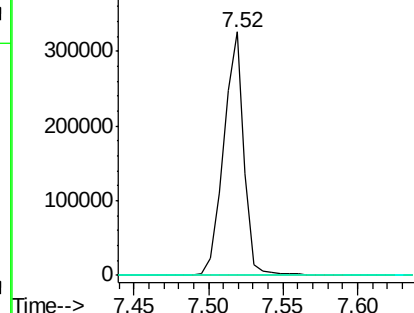
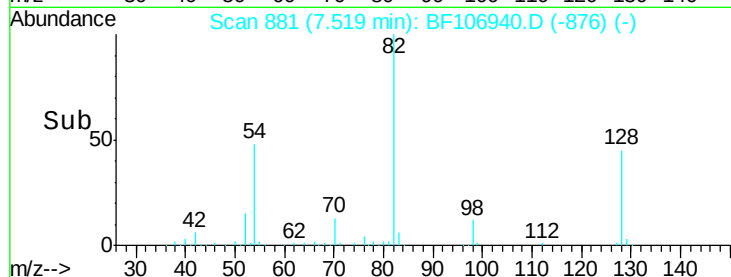
138 0.0 14.9 22.3#



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: BF106940.D

Acq: 29 Jun 2018 00:04

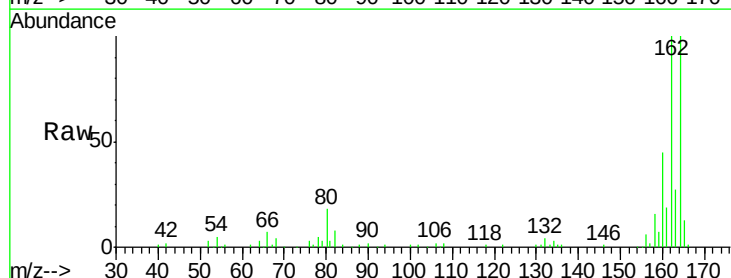
Tgt Ion: 164 Resp: 79974

Ion Ratio Lower Upper

164 100

162 100.1 86.1 129.1

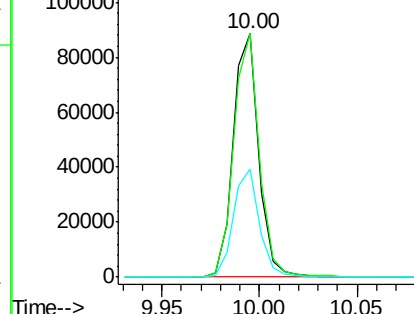
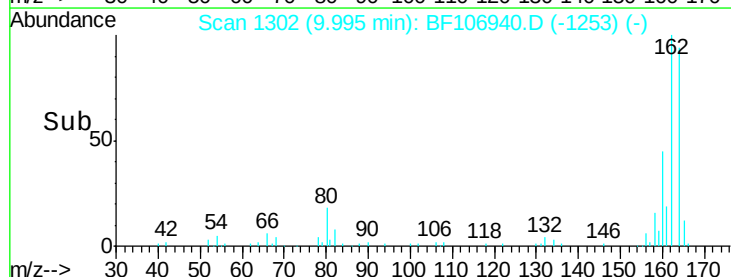
160 44.6 38.3 57.5

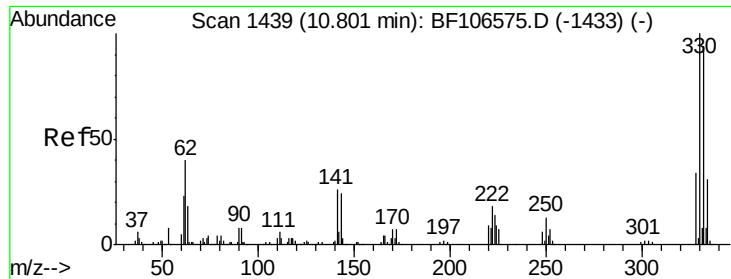


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

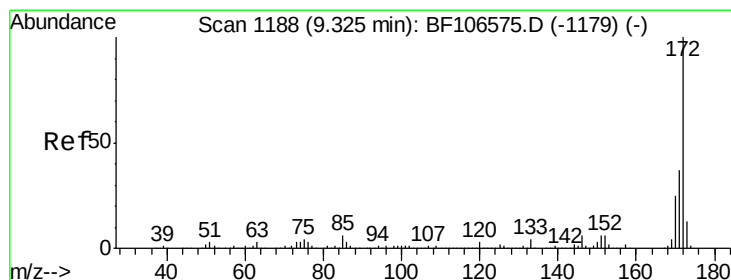
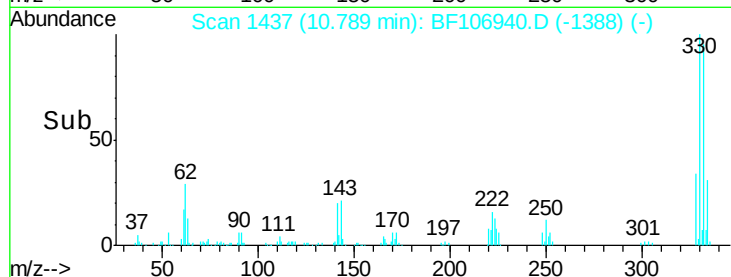
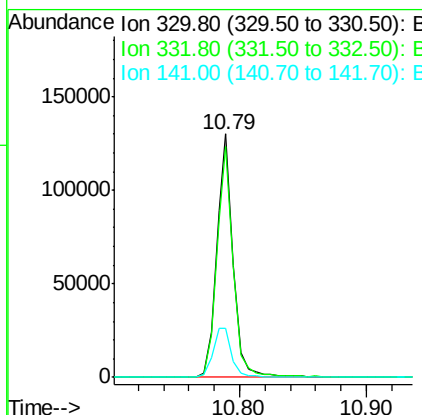
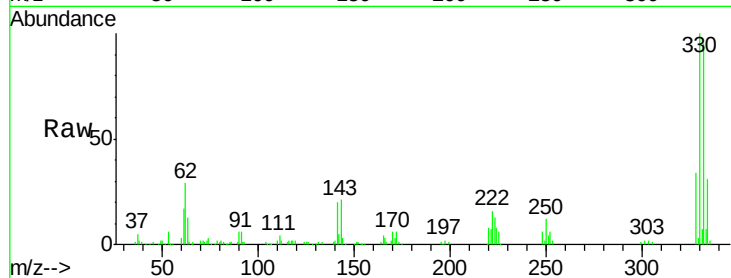




#41
 2,4,6-Tribromophenol
 Concen: 127.268 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106940.D
 Acq: 29 Jun 2018 00:04

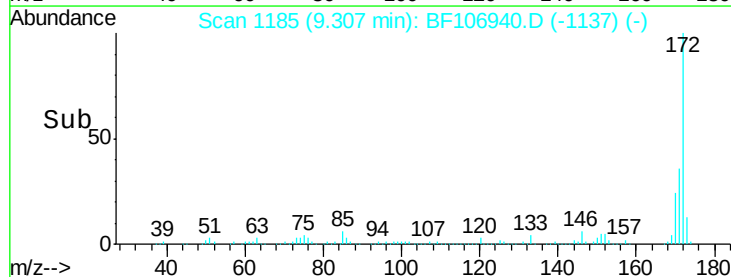
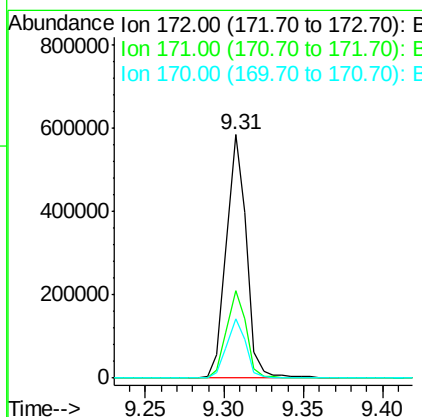
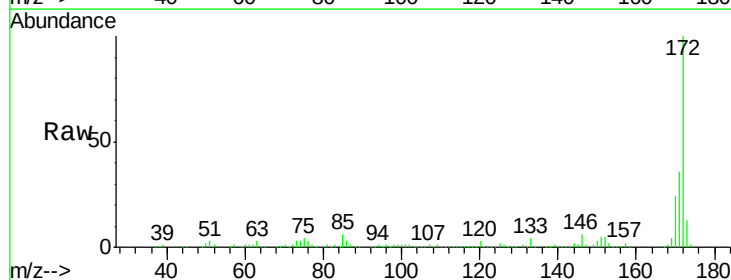
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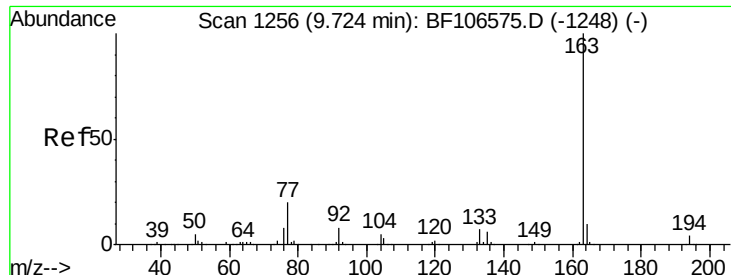
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	23.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 113.691 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106940.D
 Acq: 29 Jun 2018 00:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.5	19.6	29.4

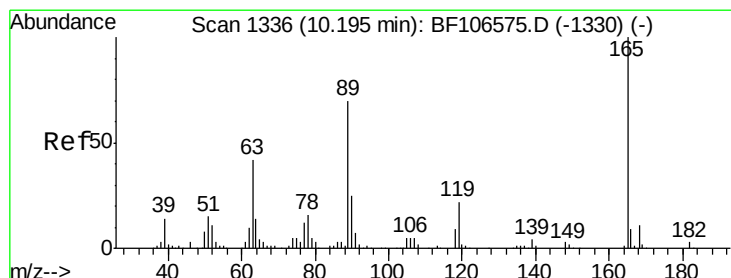
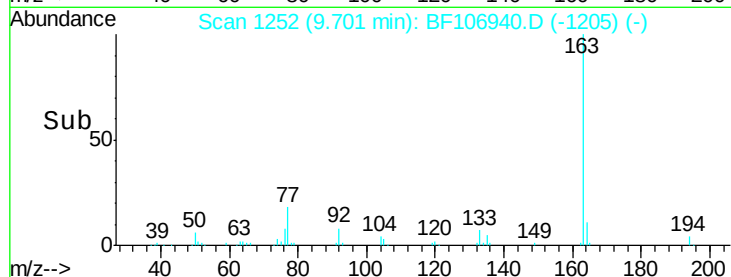
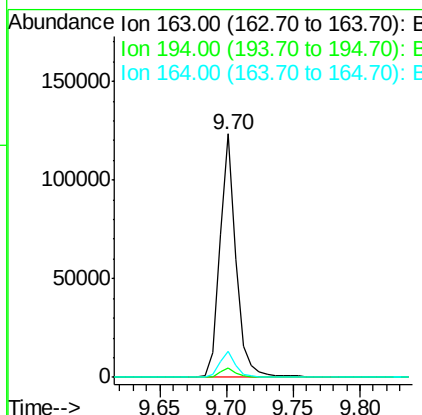
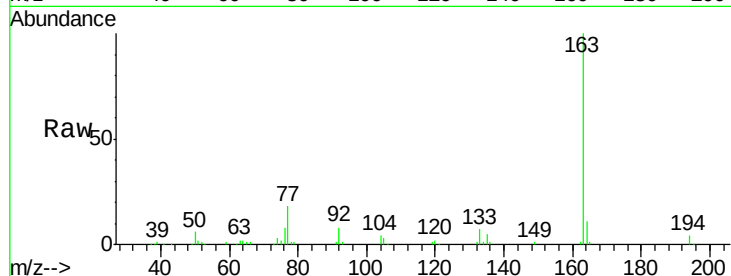




#49
Dimethylphthalate
Concen: 17.589 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106940.D
Acq: 29 Jun 2018 00:04

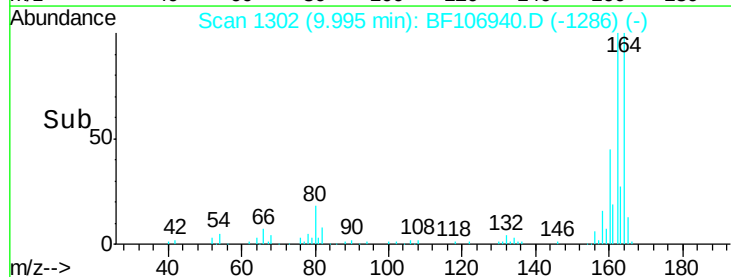
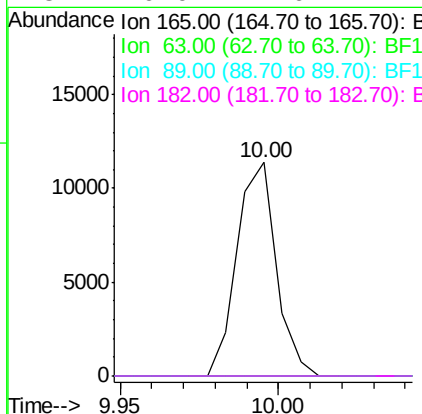
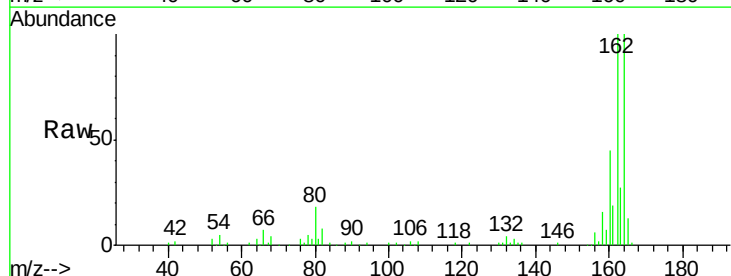
Instrument :
BNA_F
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EPE-106-8(60-62)

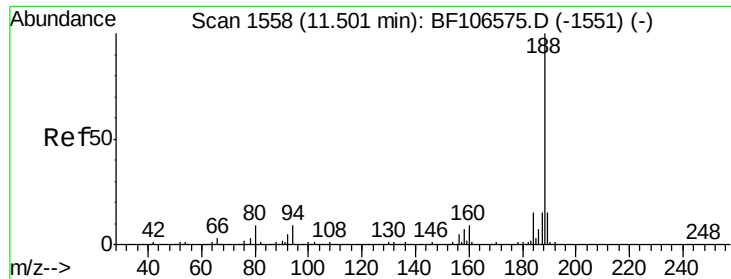
Tgt Ion:163 Resp: 105499
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.7 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.879 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106940.D
Acq: 29 Jun 2018 00:04

Tgt Ion:165 Resp: 9747
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: BF106940.D

Acq: 29 Jun 2018 00:04

Instrument :

BNA_F

ClientSampleId :

EPE-106-8(60-62)

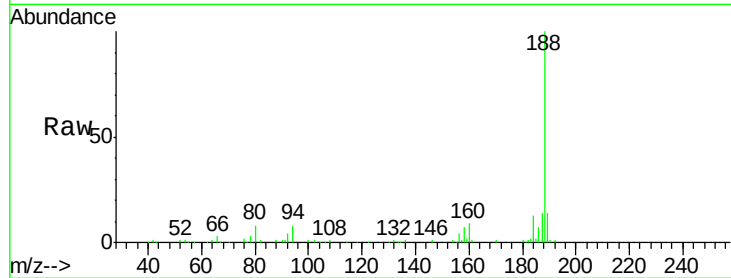
Tgt Ion:188 Resp: 140041

Ion Ratio Lower Upper

188 100

94 8.1 8.5 12.7#

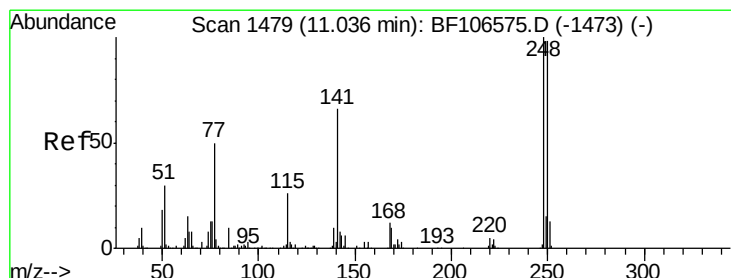
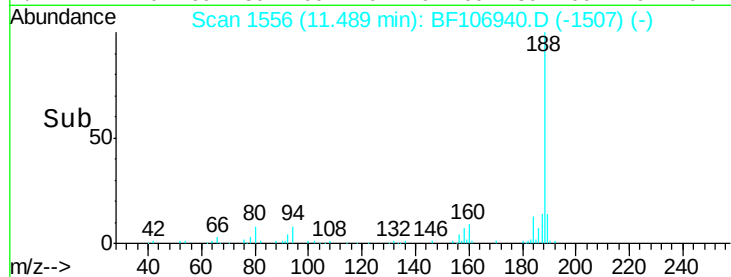
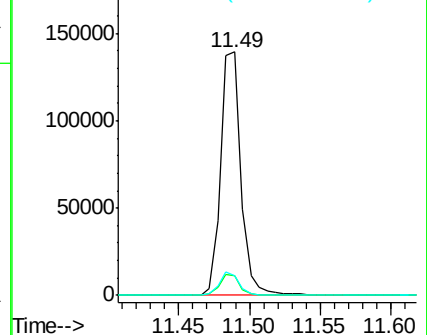
80 7.9 9.2 13.8#



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: 4.261 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.25 min

Lab File: BF106940.D

Acq: 29 Jun 2018 00:04

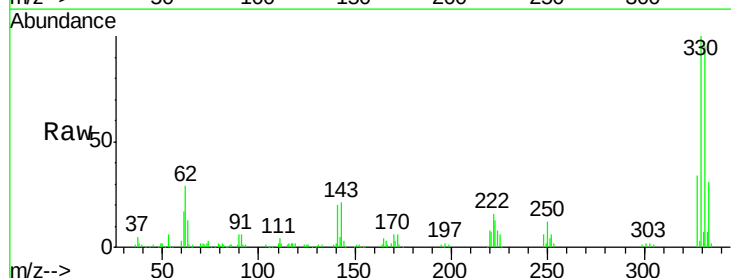
Tgt Ion:248 Resp: 7122

Ion Ratio Lower Upper

248 100

250 190.2 76.9 115.3#

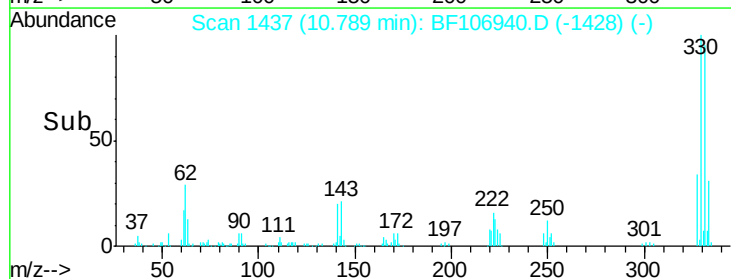
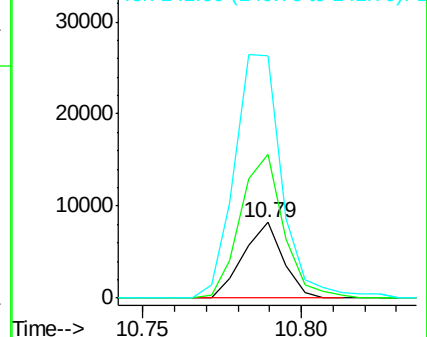
141 320.4 74.4 111.6#

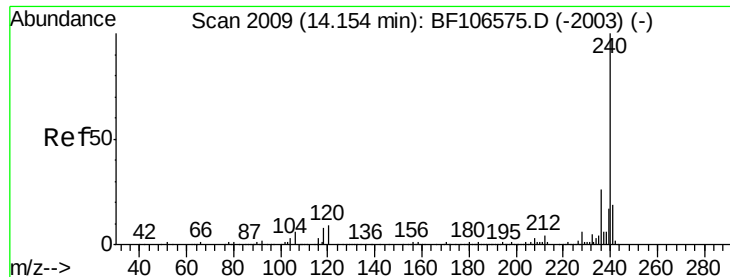


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2006

Delta R.T. -0.03 min

Lab File: BF106940.D

Acq: 29 Jun 2018 00:04

Instrument :

BNA_F

ClientSampleId :

EPE-106-8(60-62)

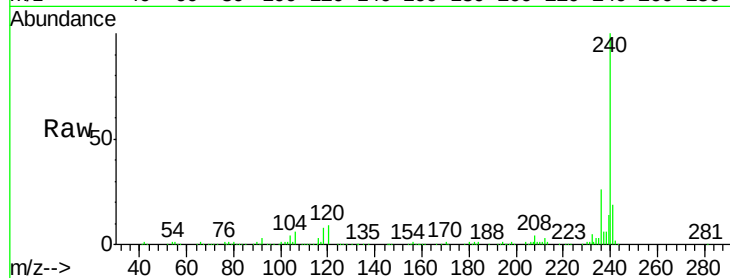
Tgt Ion:240 Resp: 183807

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

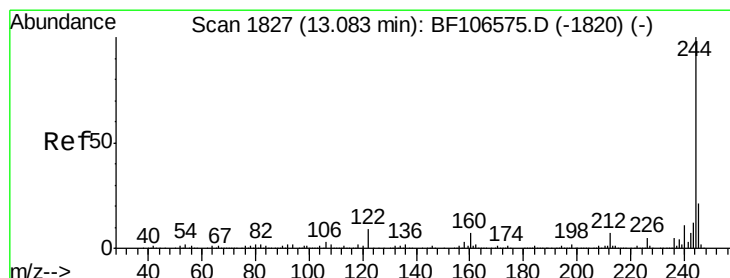
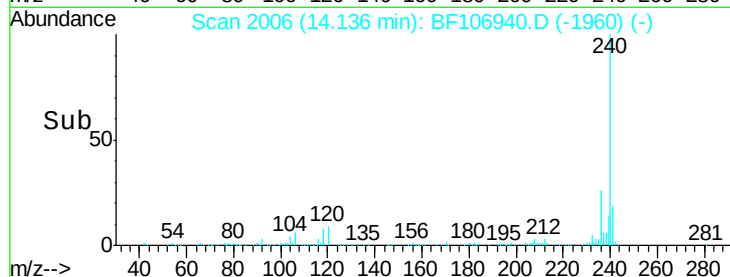
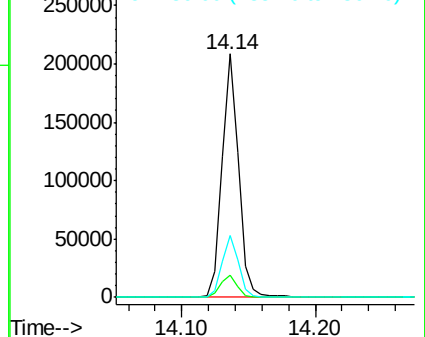
236 25.5 20.7 31.1



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: 70.501 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106940.D

Acq: 29 Jun 2018 00:04

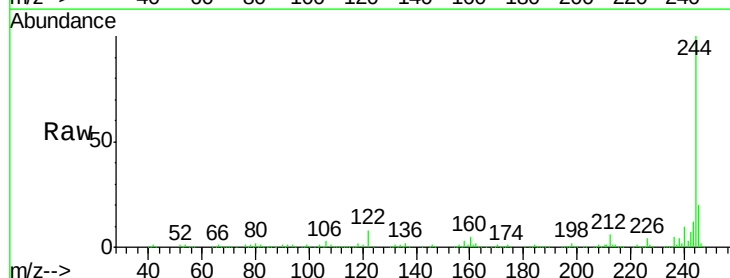
Tgt Ion:244 Resp: 534972

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

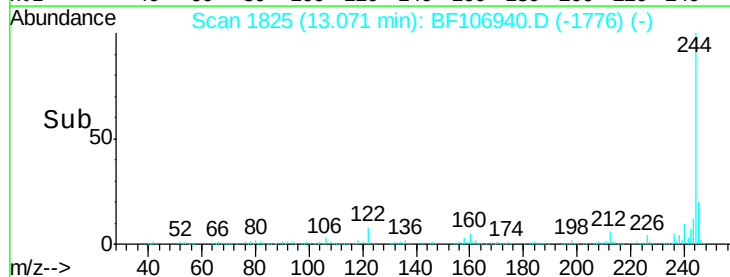
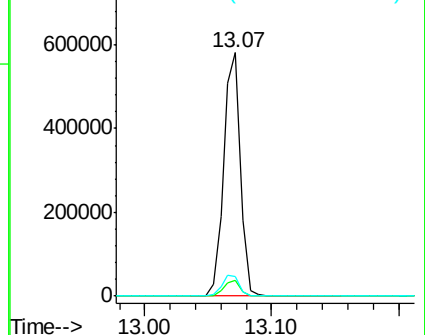
122 8.2 11.0 16.4#

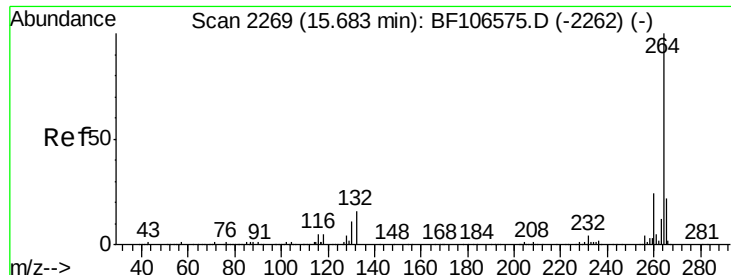


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

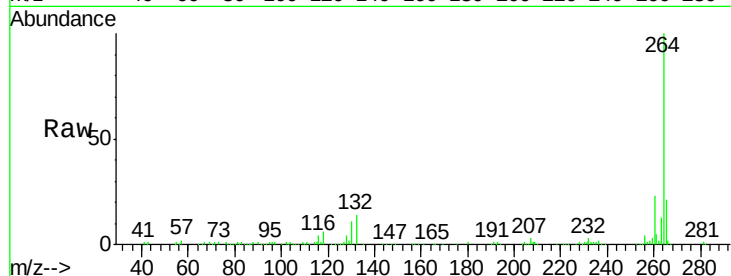




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF106940.D
Acq: 29 Jun 2018 00:04

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(60-62)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	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

