

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106726.D
 Acq On : 22 Jun 2018 23:14
 Operator : JU/SJ
 Sample : J3622-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-C

Quant Time: Jun 23 00:10:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

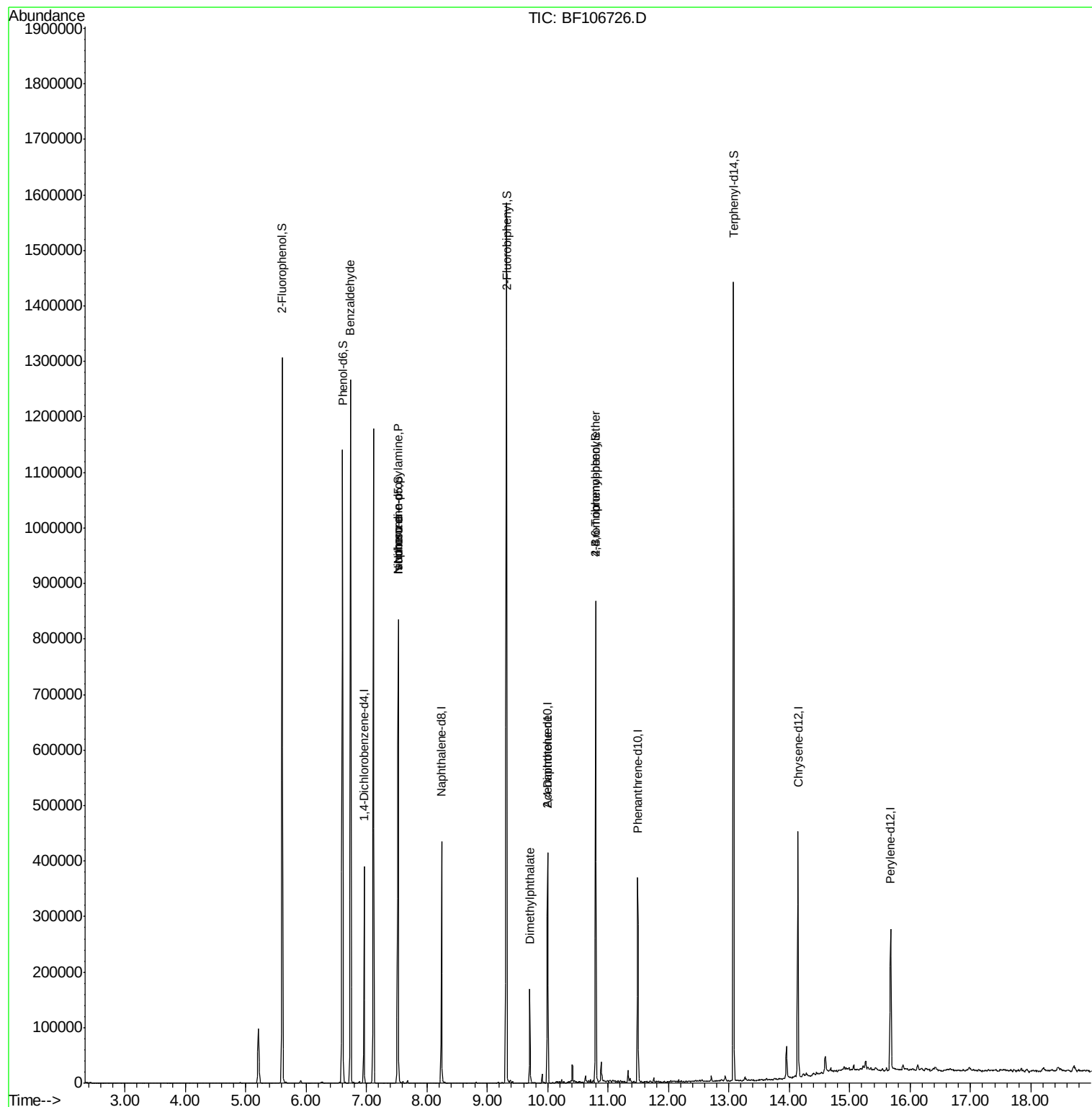
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	53544	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	190835	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	83102	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	138114	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	149729	20.00	ng	-0.01
86) Perylene-d12	15.68	264	130848	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	397245	125.63	ng	0.00
7) Phenol-d6	6.61	99	496239	125.67	ng	0.00
23) Nitrobenzene-d5	7.52	82	324377	94.46	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	127102	131.96	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	549425	117.56	ng	0.00
78) Terphenyl-d14	13.08	244	548500	88.74	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	8984	2.694	ng	83
19) n-Nitroso-di-n-propylamine	7.52	70	42091	16.171	ng	# 73
25) Isophorone	7.52	82	324420	53.614	ng	# 64
49) Dimethylphthalate	9.71	163	70159	11.257	ng	99
56) 2,4-Dinitrotoluene	10.00	165	10321	5.991	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	7838	4.755	ng	# 1

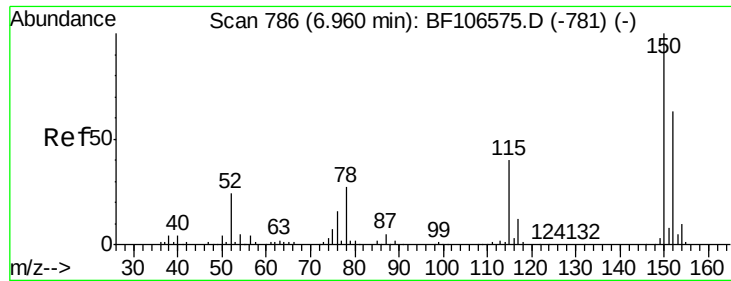
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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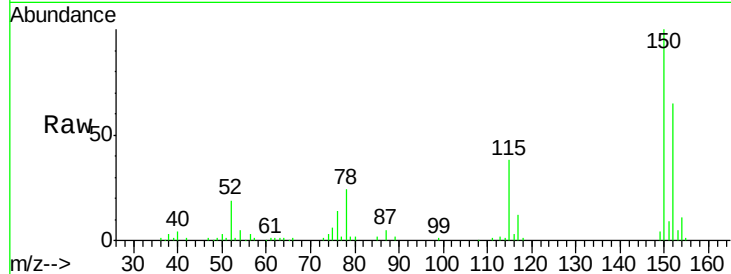


#1

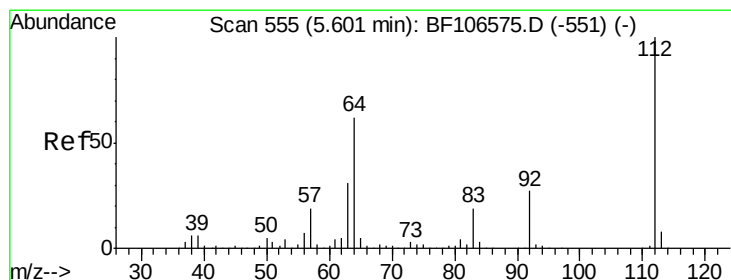
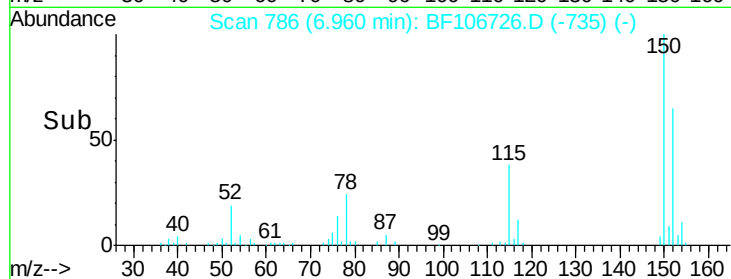
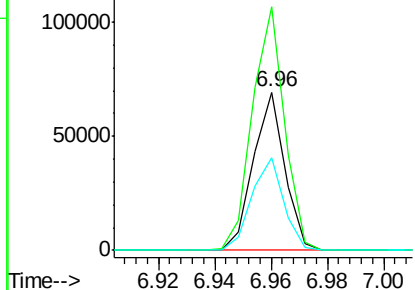
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106726.D
Acq: 22 Jun 2018 23:14

Instrument :
BNA_F
ClientSampled :
SP-C

Tgt Ion:152 Resp: 53544
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 58.1 50.1 75.1



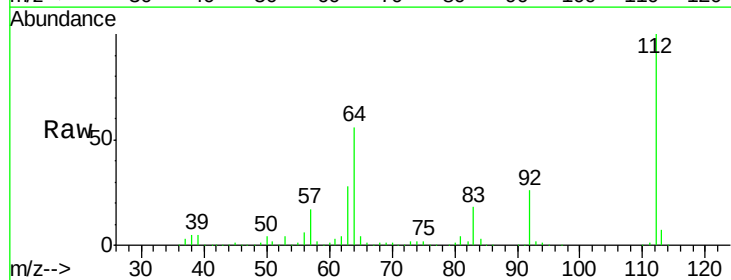
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



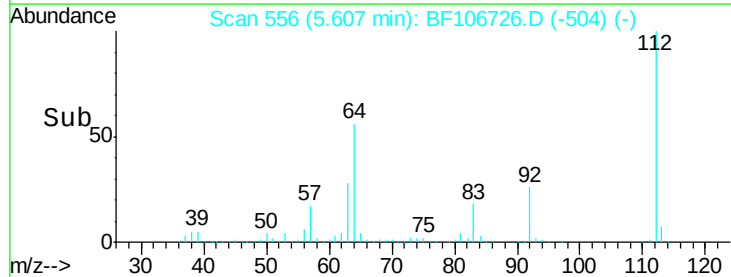
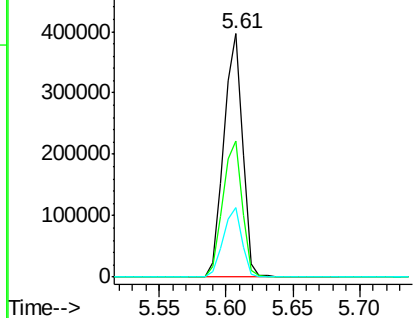
#5

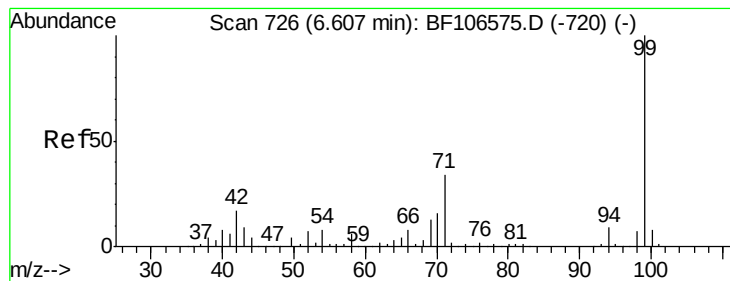
2-Fluorophenol
Concen: 125.628 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106726.D
Acq: 22 Jun 2018 23:14

Tgt Ion:112 Resp: 397245
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 28.3 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: 125.668 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106726.D

Acq: 22 Jun 2018 23:14

Instrument :

BNA_F

ClientSampled :

SP-C

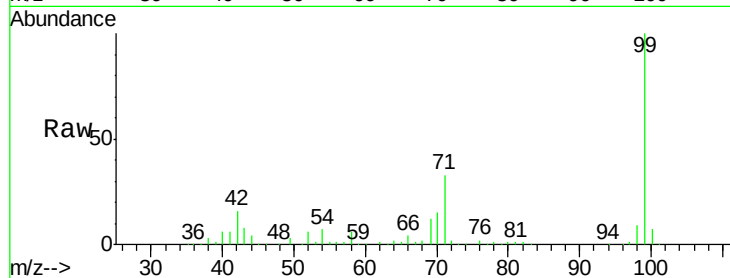
Tgt Ion: 99 Resp: 496239

Ion Ratio Lower Upper

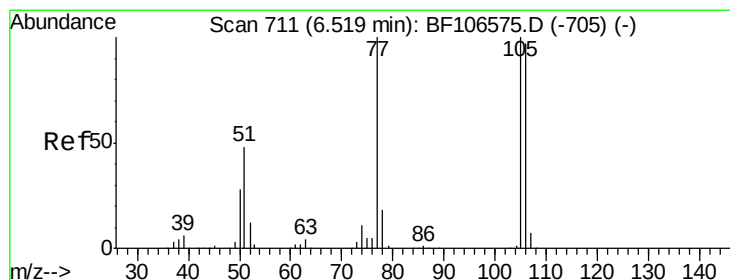
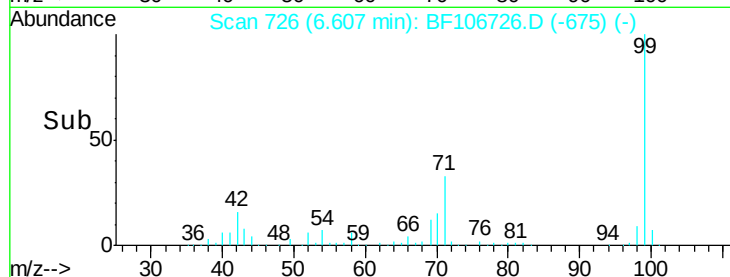
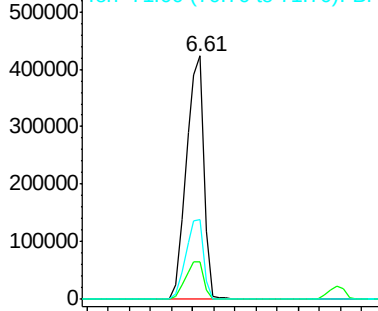
99 100

42 15.6 14.5 21.7

71 33.0 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: 2.694 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106726.D

Acq: 22 Jun 2018 23:14

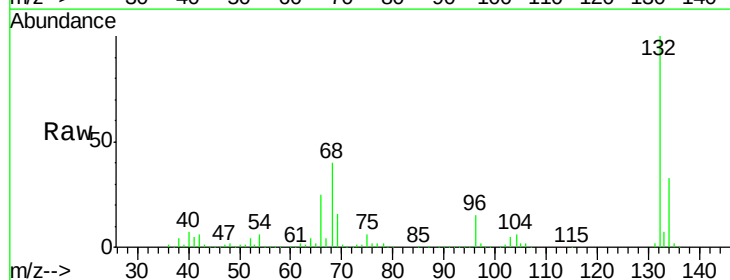
Tgt Ion: 77 Resp: 8984

Ion Ratio Lower Upper

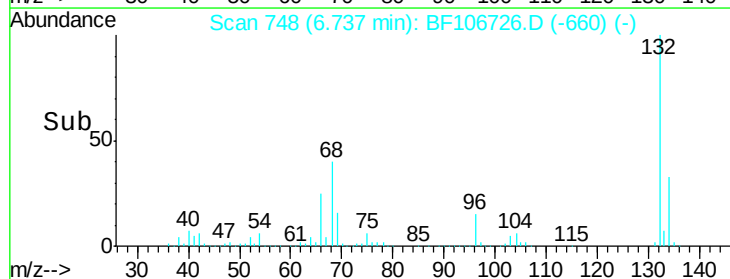
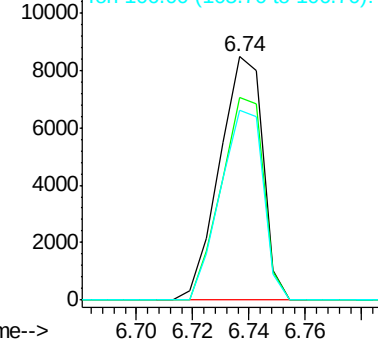
77 100

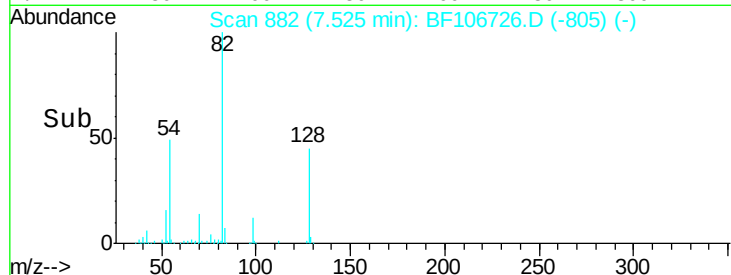
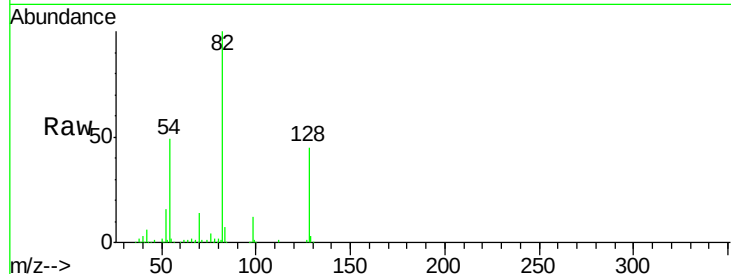
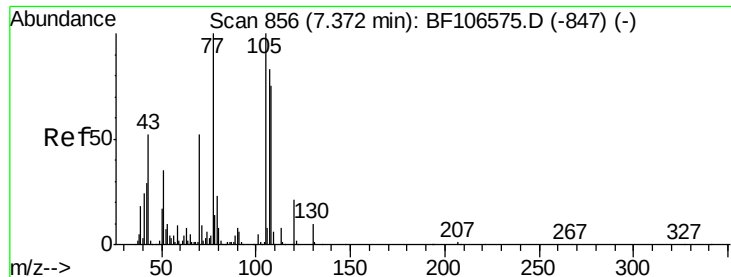
105 83.1 81.1 121.1

106 78.1 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

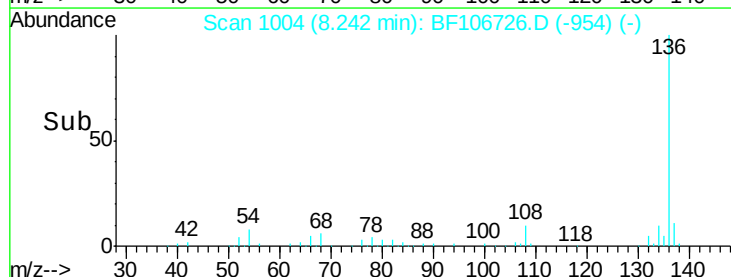
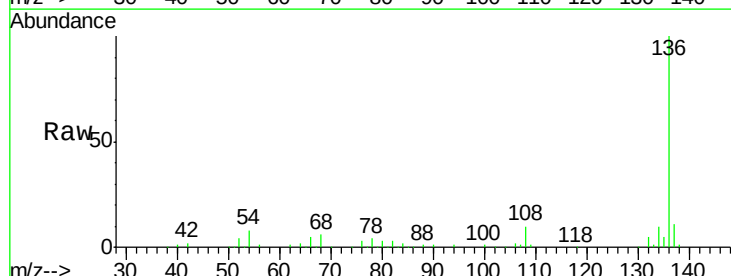
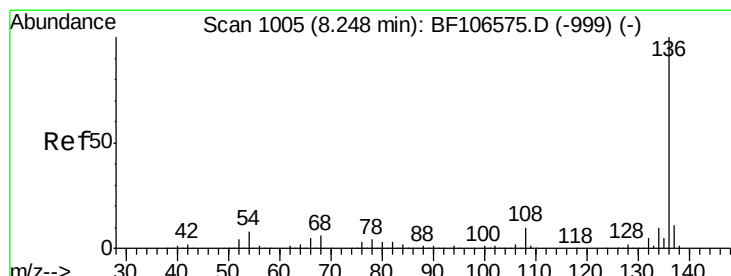
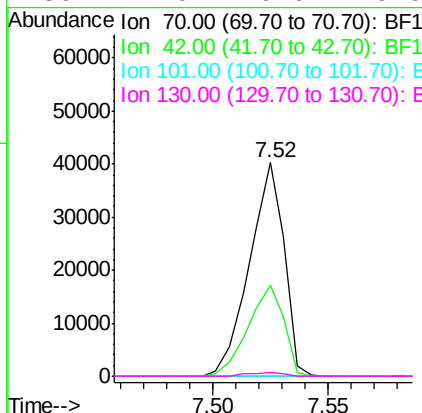




#19
n-Nitroso-di-n-propylamine
Concen: 16.171 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106726.D
Acq: 22 Jun 2018 23:14

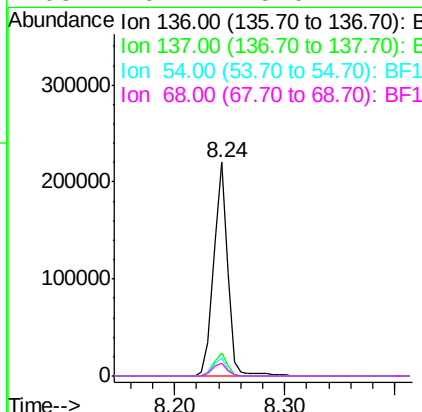
Instrument :
BNA_F
ClientSampleId :
SP-C

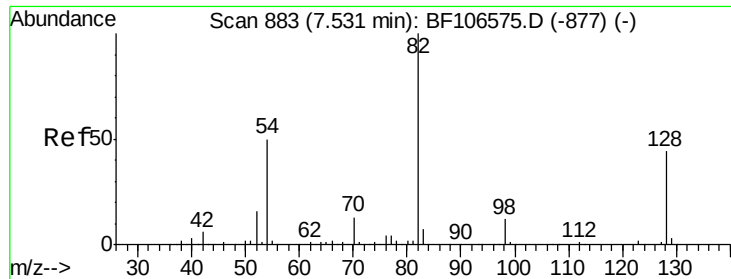
Tgt Ion: 70 Resp: 42091
Ion Ratio Lower Upper
70 100
42 42.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106726.D
Acq: 22 Jun 2018 23:14

Tgt Ion: 136 Resp: 190835
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.2 6.6 9.8
68 6.2 5.0 7.4

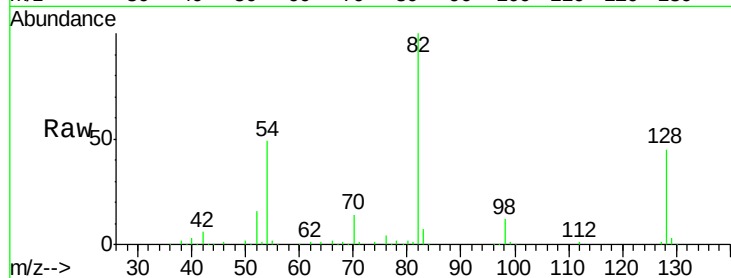




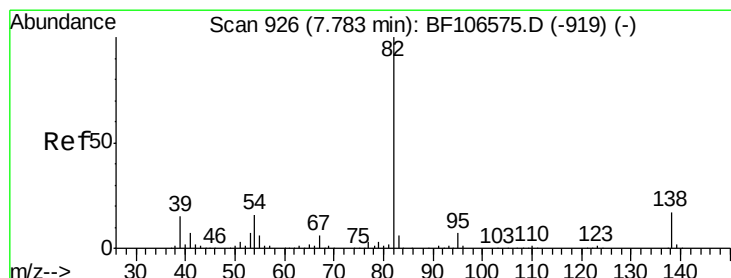
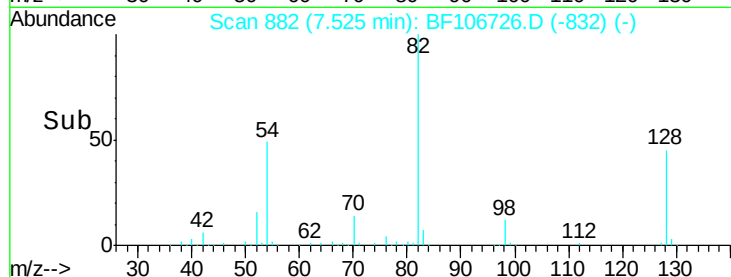
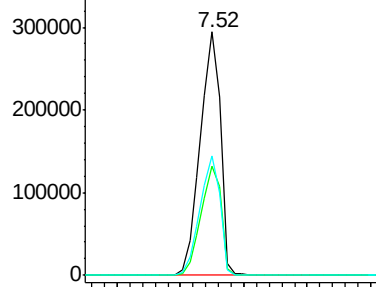
#23
Nitrobenzene-d5
Concen: 94.463 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106726.D
Acq: 22 Jun 2018 23:14

Instrument :
BNA_F
ClientSampled :
SP-C

Tgt Ion: 82 Resp: 324377
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 49.2 41.4 62.2

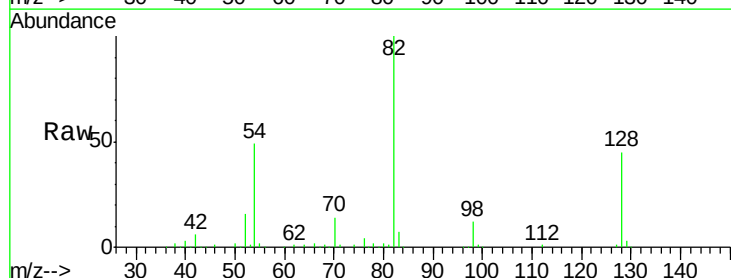


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

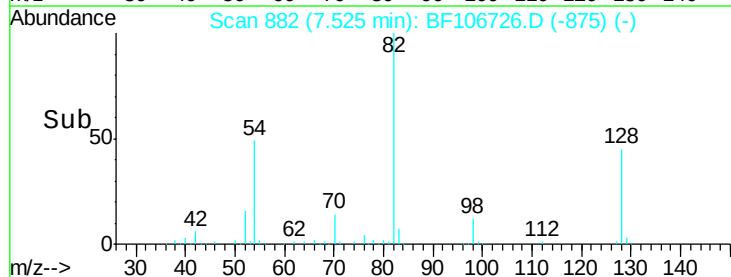
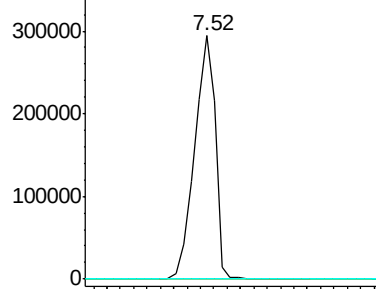


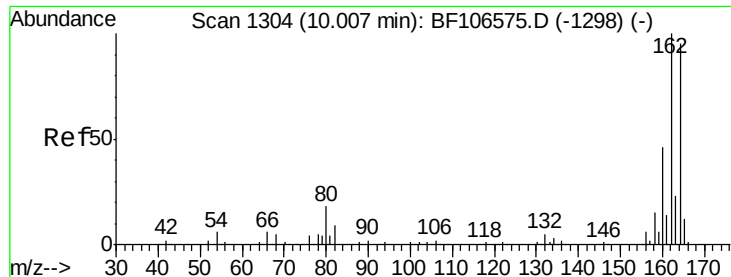
#25
Isophorone
Concen: 53.614 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106726.D
Acq: 22 Jun 2018 23:14

Tgt Ion: 82 Resp: 324420
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# 1303

Delta R.T. -0.01 min

Lab File: BF106726.D

Acq: 22 Jun 2018 23:14

Instrument :

BNA_F

ClientSampleId :

SP-C

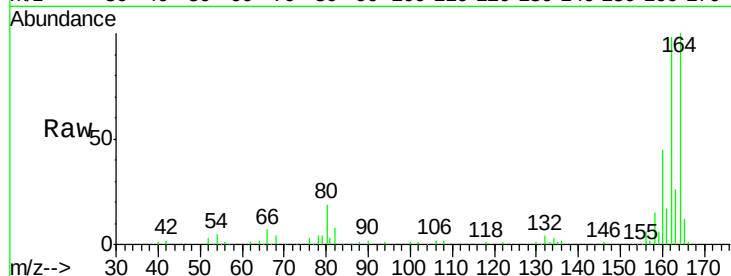
Tgt Ion:164 Resp: 83102

Ion Ratio Lower Upper

164 100

162 97.7 86.1 129.1

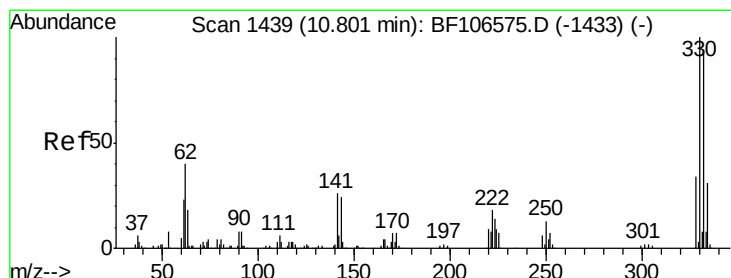
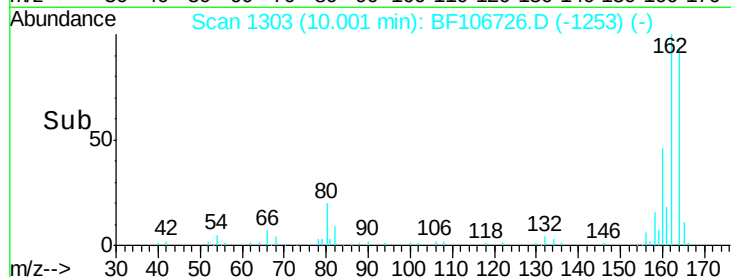
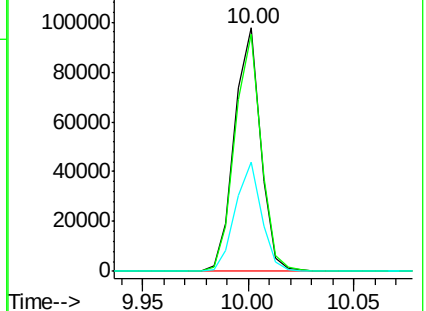
160 44.8 38.3 57.5



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: 131.962 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106726.D

Acq: 22 Jun 2018 23:14

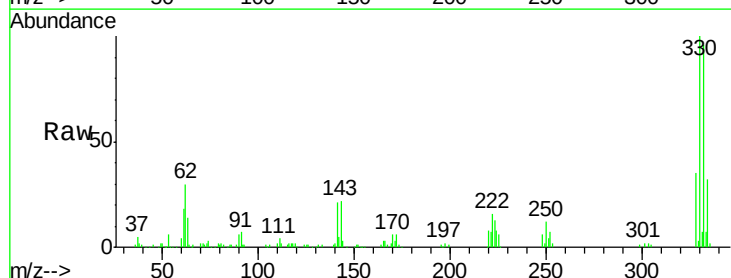
Tgt Ion:330 Resp: 127102

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

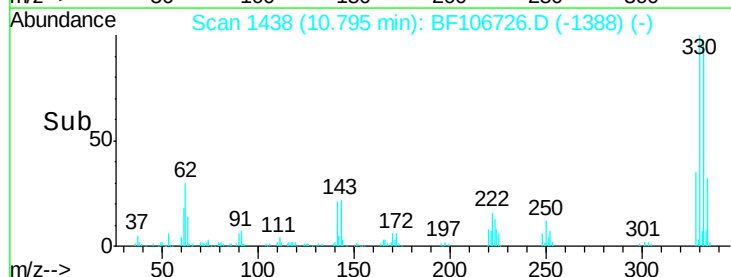
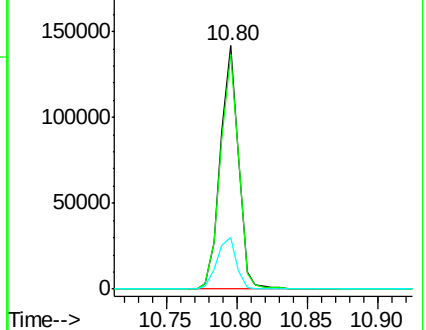
141 22.8 29.9 44.9#

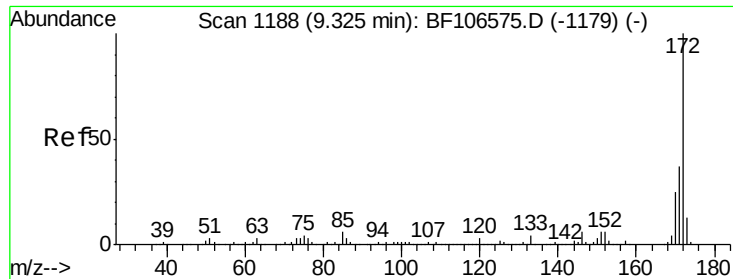


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

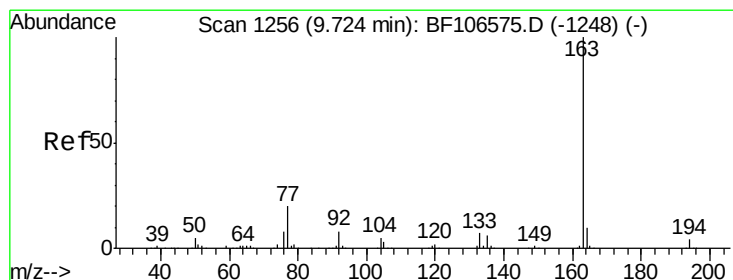
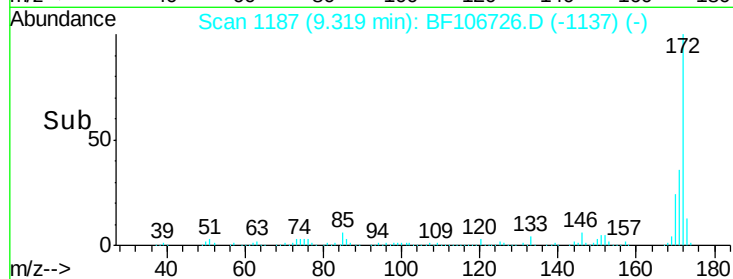
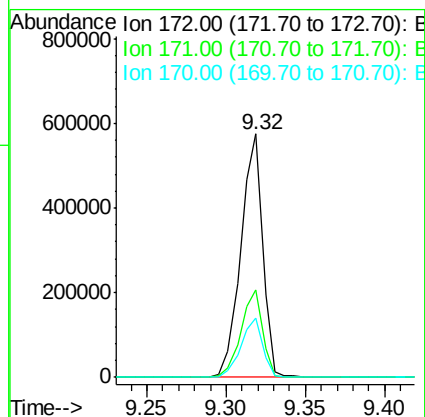
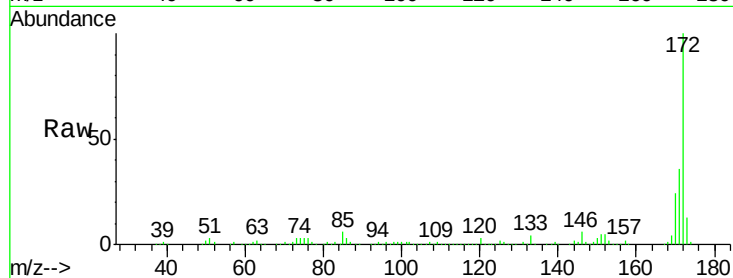




#44
2-Fluorobiphenyl
Concen: 117.557 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106726.D
Acq: 22 Jun 2018 23:14

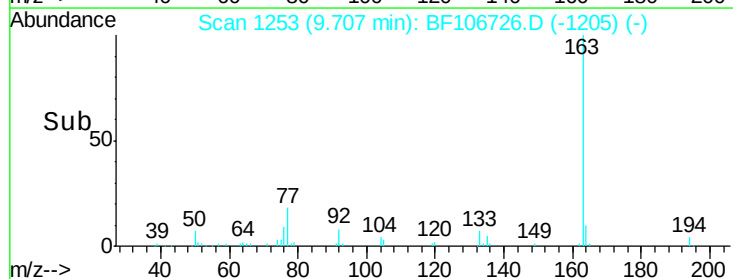
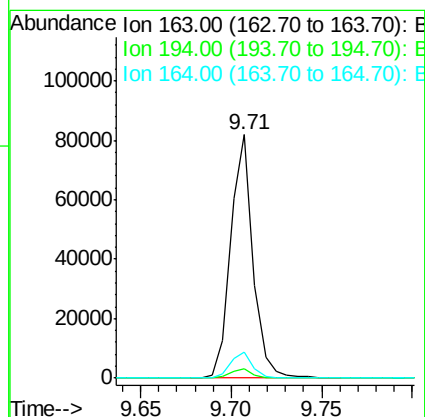
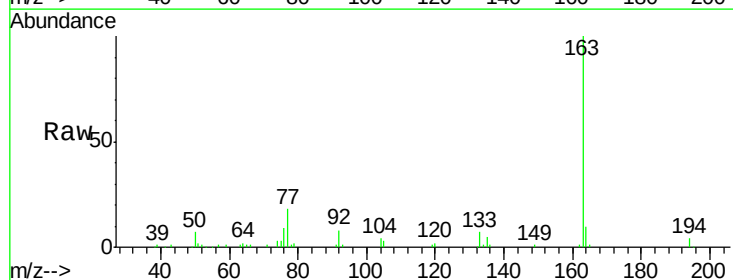
Instrument :
BNA_F
ClientSampleId :
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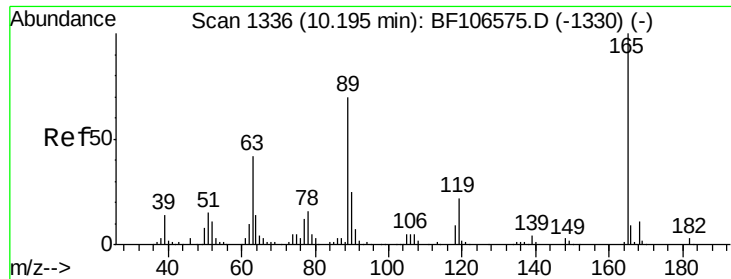
Tgt Ion:172 Resp: 549425
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.4 19.6 29.4



#49
Dimethylphthalate
Concen: 11.257 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106726.D
Acq: 22 Jun 2018 23:14

Tgt Ion:163 Resp: 70159
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 10.4 8.2 12.2

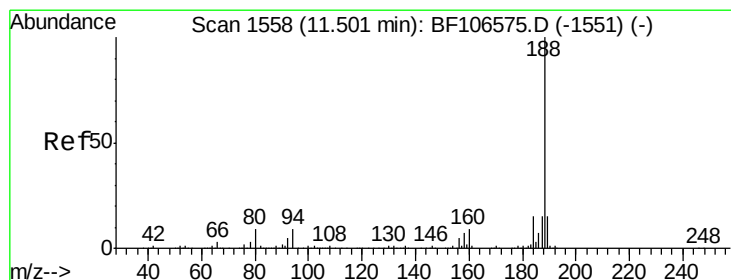
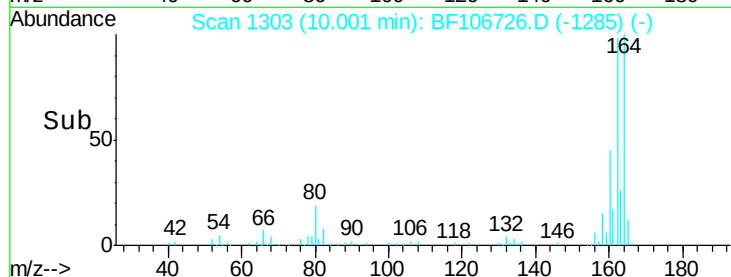
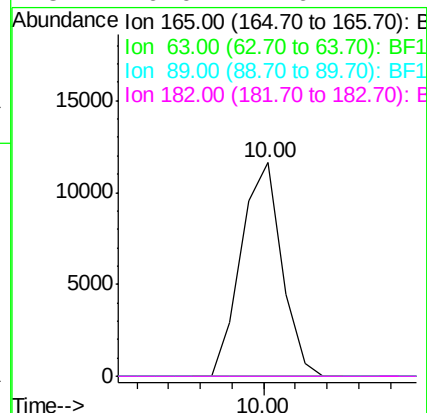
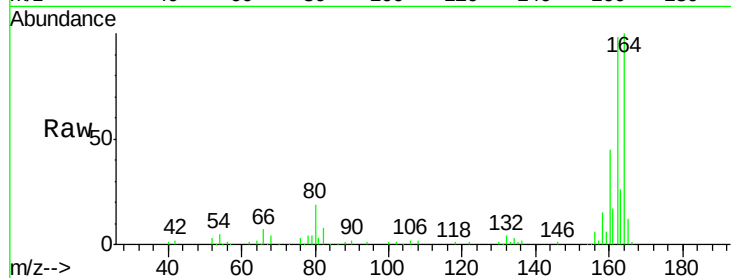




#56
2,4-Dinitrotoluene
Concen: 5.991 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106726.D
Acq: 22 Jun 2018 23:14

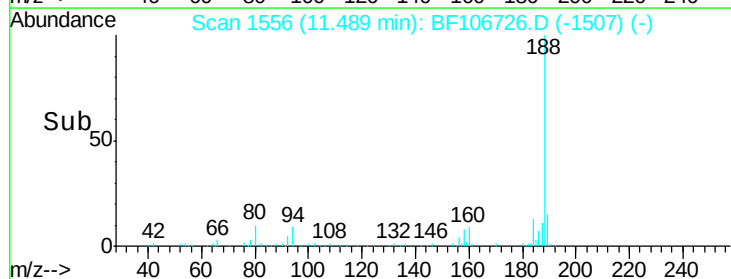
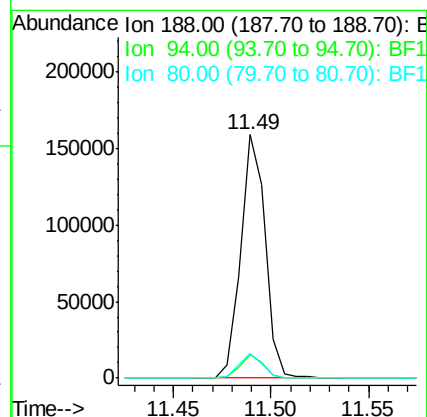
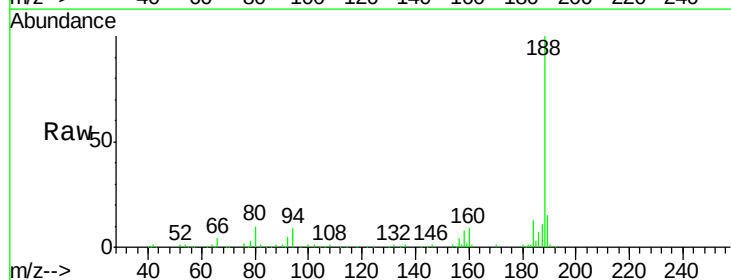
Instrument :
BNA_F
ClientSampleId :
SP-C

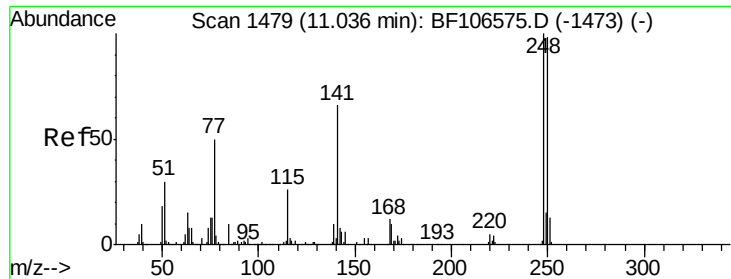
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106726.D
Acq: 22 Jun 2018 23:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.1	9.2	13.8

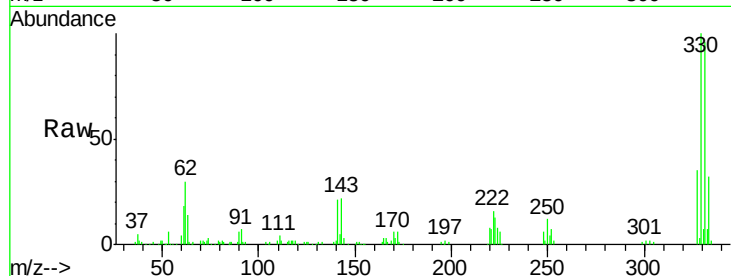




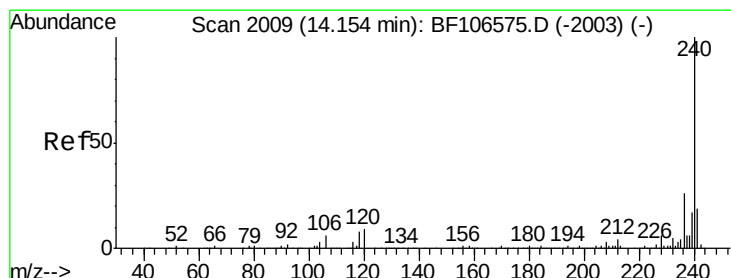
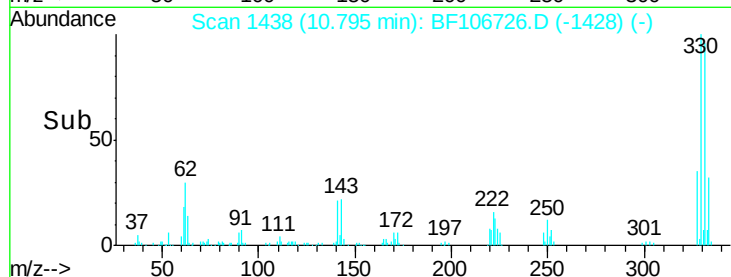
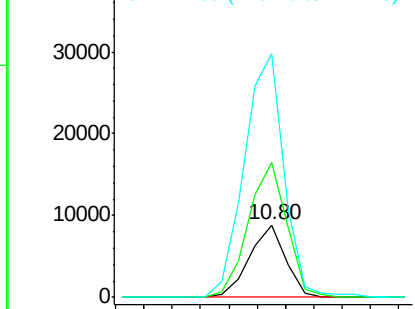
#66
4-Bromophenyl-phenylether
Concen: 4.755 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106726.D
Acq: 22 Jun 2018 23:14

Instrument :
BNA_F
ClientSampleId :
SP-C

Tgt Ion:248 Resp: 7838
Ion Ratio Lower Upper
248 100
250 185.2 76.9 115.3#
141 335.6 74.4 111.6#

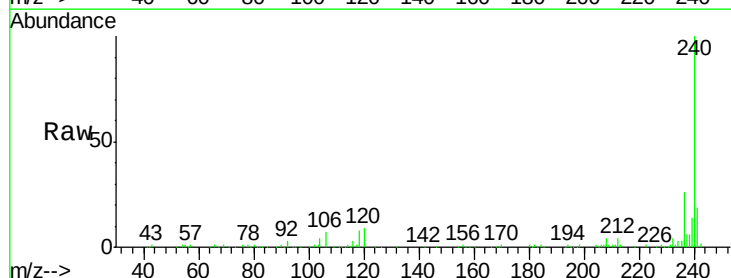


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

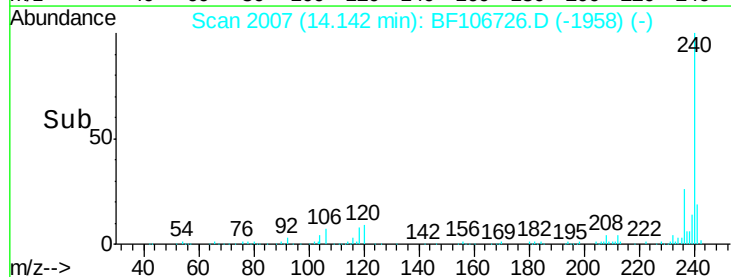
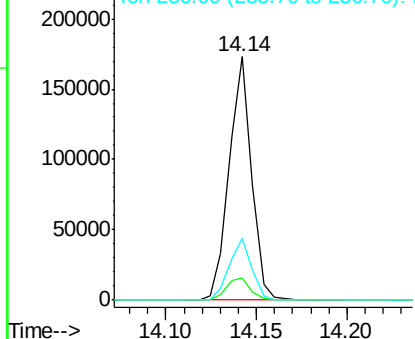


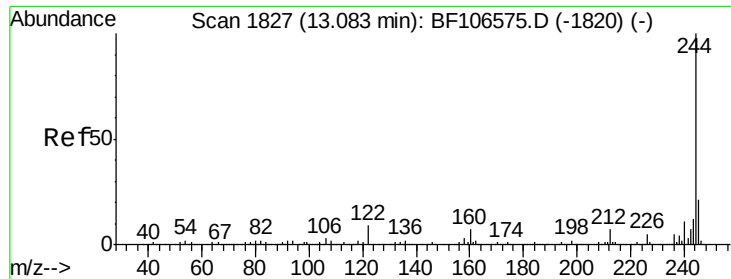
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106726.D
Acq: 22 Jun 2018 23:14

Tgt Ion:240 Resp: 149729
Ion Ratio Lower Upper
240 100
120 9.1 9.5 14.3#
236 25.6 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

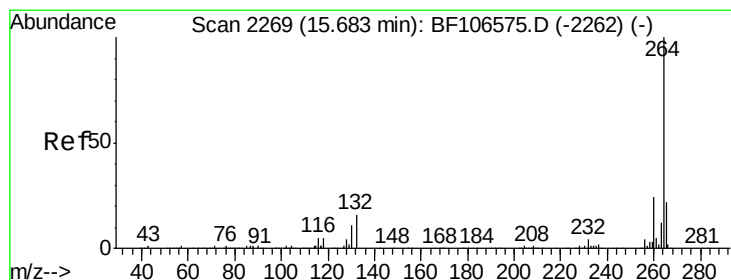
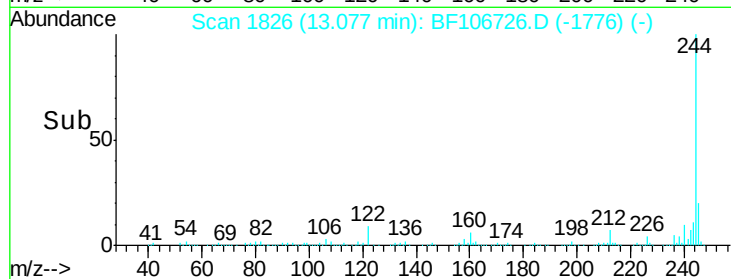
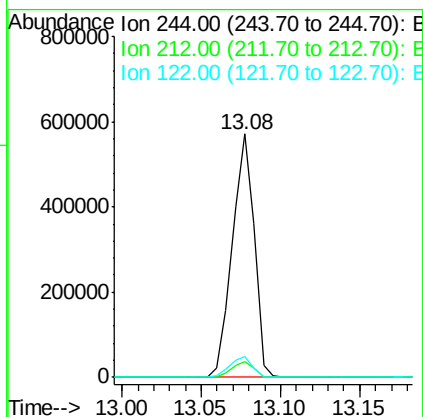
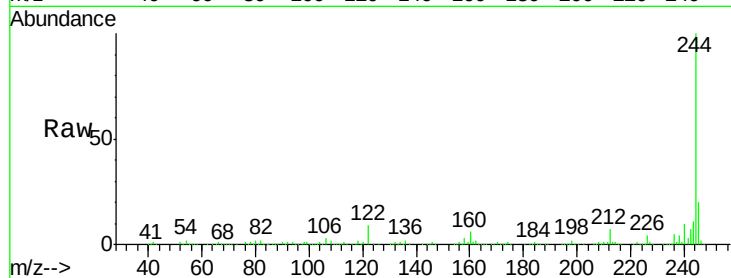




#78
 Terphenyl-d14
 Concen: 88.736 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106726.D
 Acq: 22 Jun 2018 23:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-C

Tgt Ion:244 Resp: 548500
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF106726.D
 Acq: 22 Jun 2018 23:14

Tgt Ion:264 Resp: 130848
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.8 17.5 26.3

