

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106725.D
 Acq On : 22 Jun 2018 22:48
 Operator : JU/SJ
 Sample : J3622-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-B

Quant Time: Jun 23 00:10:35 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

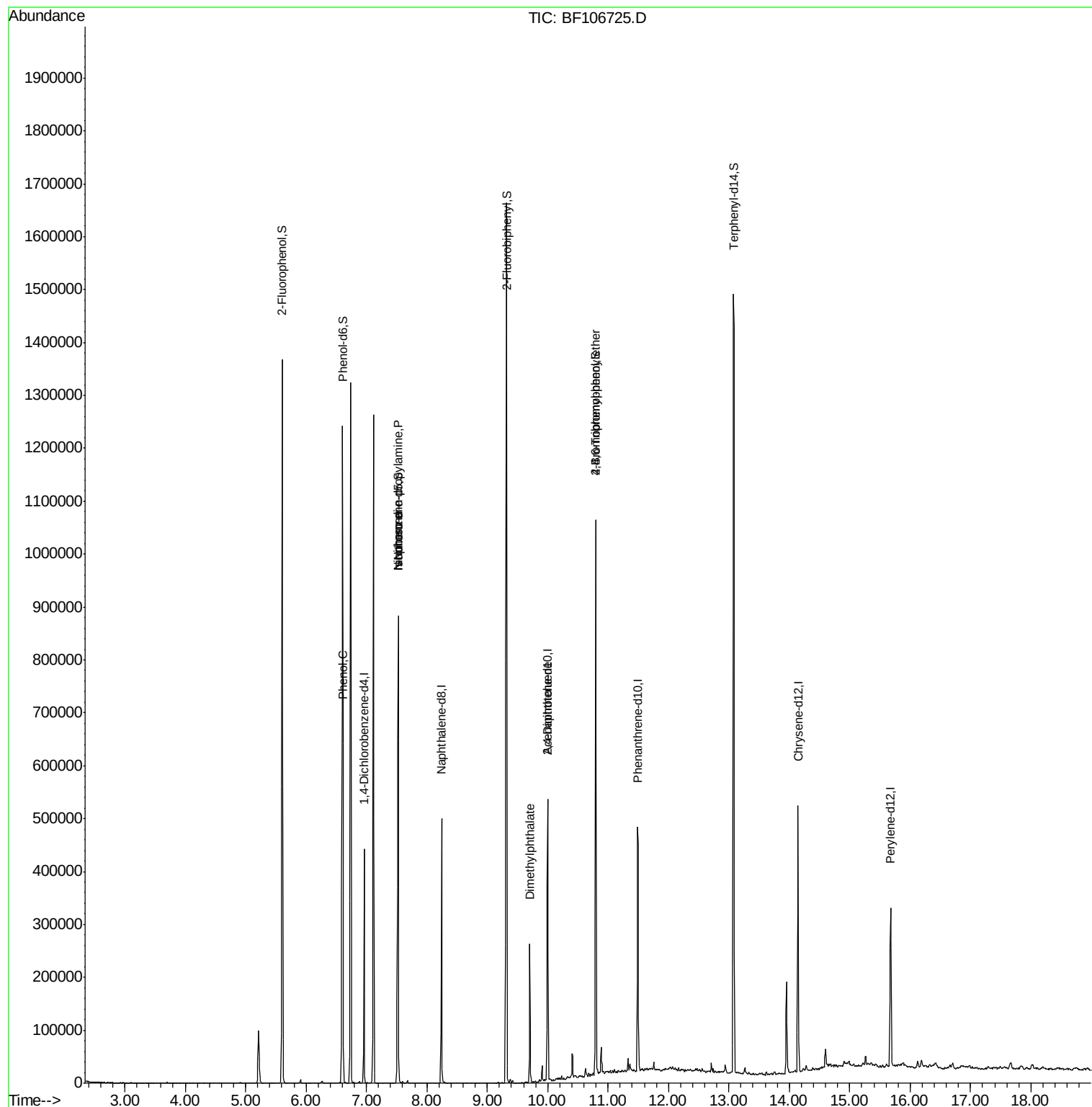
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	59183	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	220883	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	105711	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	180185	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	172363	20.00	ng	-0.01
86) Perylene-d12	15.68	264	149171	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	424614	121.49	ng	0.00
7) Phenol-d6	6.61	99	542397	124.27	ng	0.00
23) Nitrobenzene-d5	7.52	82	361278	90.90	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	162048	132.26	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	619268	102.13	ng	0.00
78) Terphenyl-d14	13.08	244	621856	87.39	ng	0.00
Target Compounds						
10) Phenol	6.62	94	10055	2.019	ng	99
19) n-Nitroso-di-n-propylamine	7.52	70	46833	16.278	ng	# 74
25) Isophorone	7.52	82	361275	51.582	ng	# 64
49) Dimethylphthalate	9.71	163	103413	13.043	ng	97
56) 2,4-Dinitrotoluene	10.00	165	13063	5.961	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	9793	4.554	ng	# 1

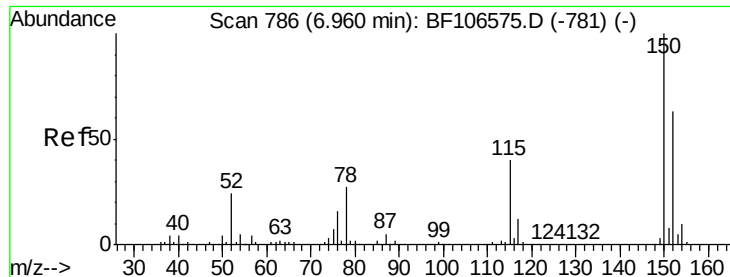
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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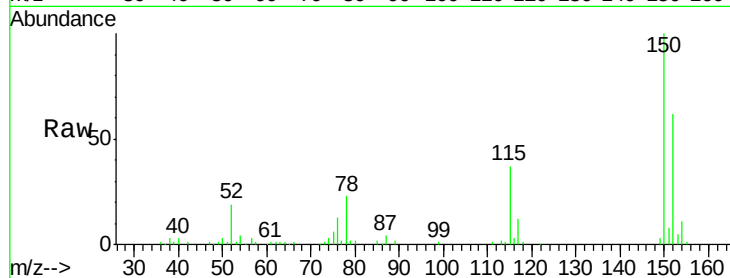


#1

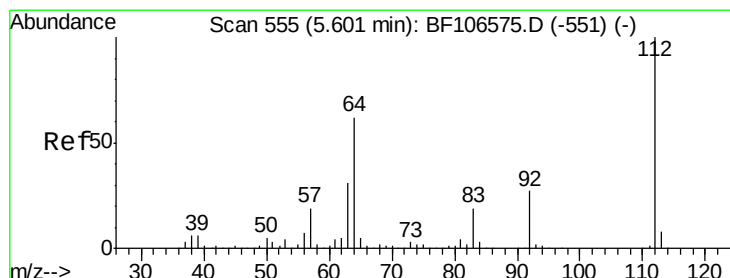
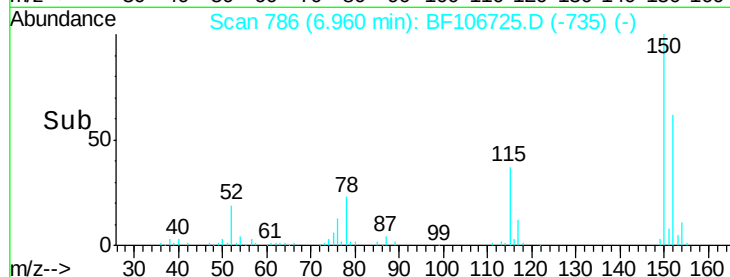
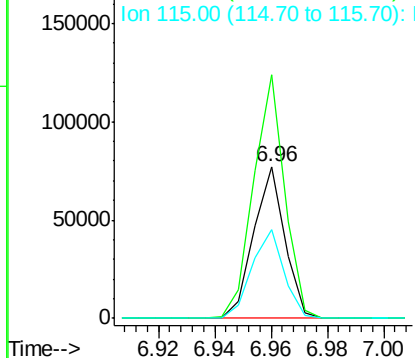
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106725.D
Acq: 22 Jun 2018 22:48

Instrument :
BNA_F
ClientSampleId :
SP-B

Tgt Ion:152 Resp: 59183
Ion Ratio Lower Upper
152 100
150 160.7 124.6 186.8
115 58.8 50.1 75.1



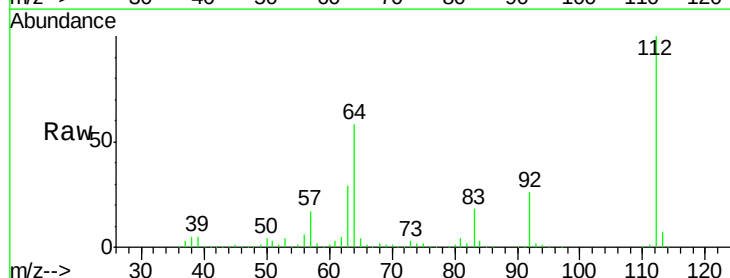
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



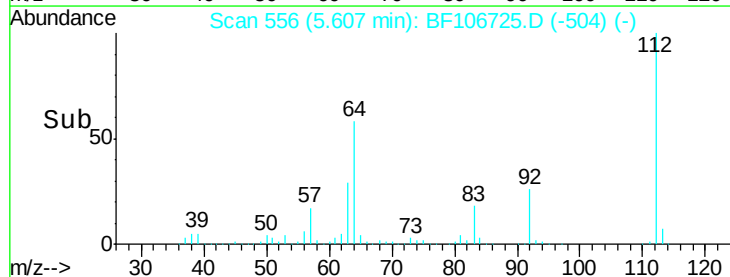
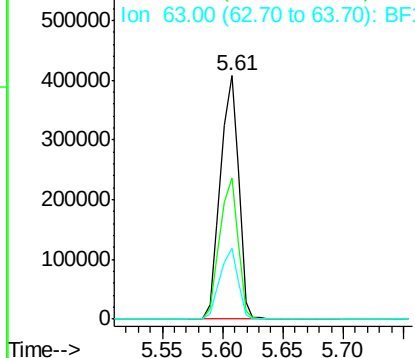
#5

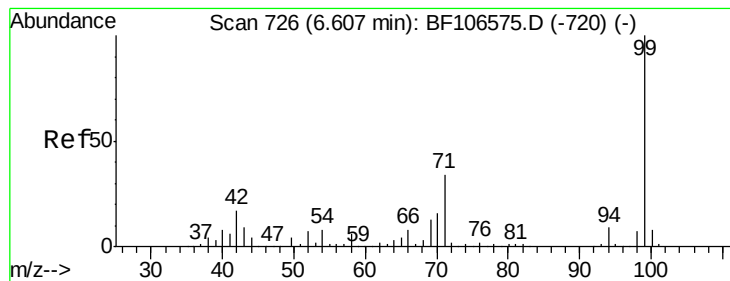
2-Fluorophenol
Concen: 121.489 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106725.D
Acq: 22 Jun 2018 22:48

Tgt Ion:112 Resp: 424614
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 29.0 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: 124.269 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106725.D

Acq: 22 Jun 2018 22:48

Instrument :

BNA_F

ClientSampled :

SP-B

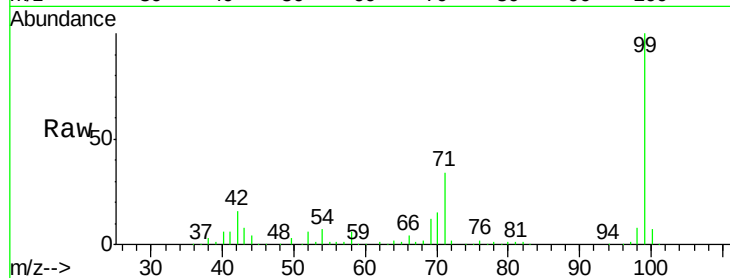
Tgt Ion: 99 Resp: 542397

Ion Ratio Lower Upper

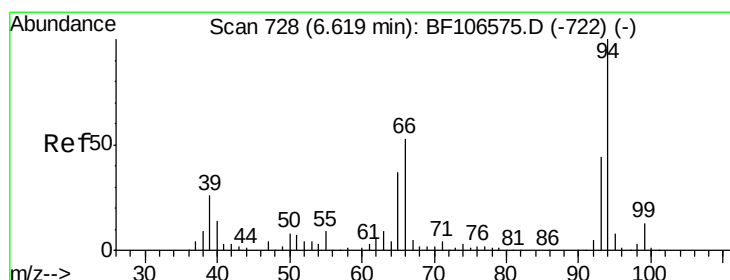
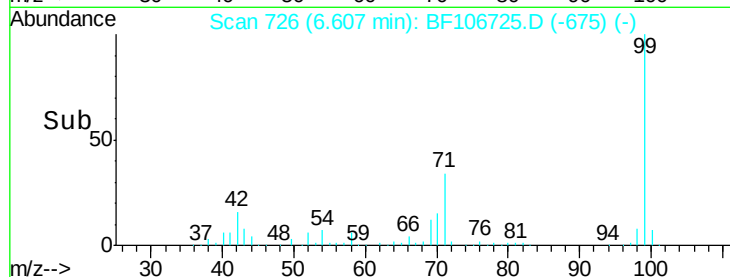
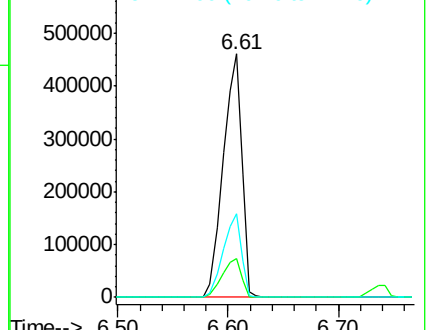
99 100

42 16.1 14.5 21.7

71 34.2 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: 2.019 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF106725.D

Acq: 22 Jun 2018 22:48

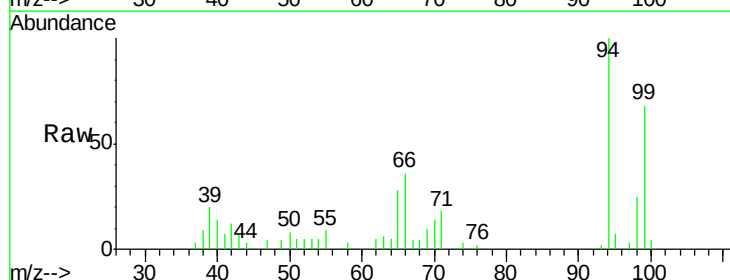
Tgt Ion: 94 Resp: 10055

Ion Ratio Lower Upper

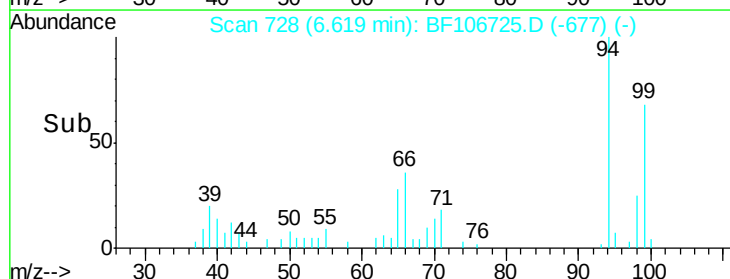
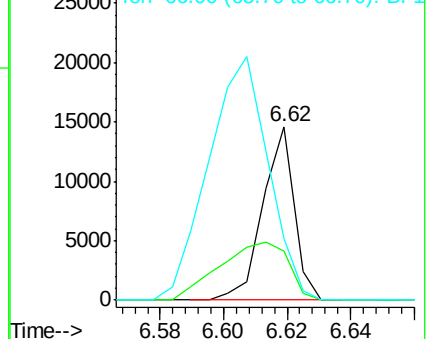
94 100

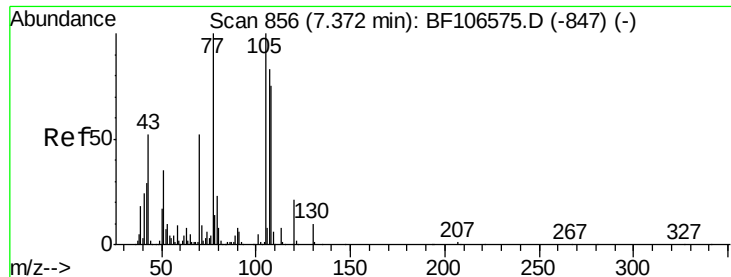
65 28.2 7.9 47.9

66 35.9 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

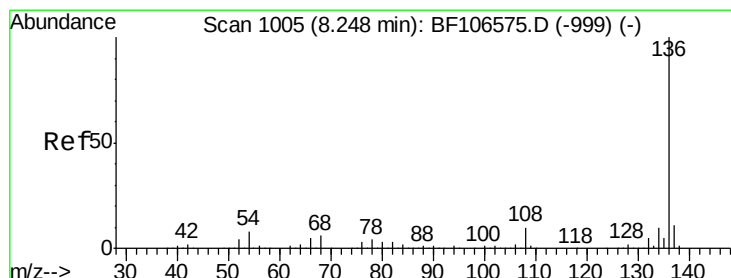
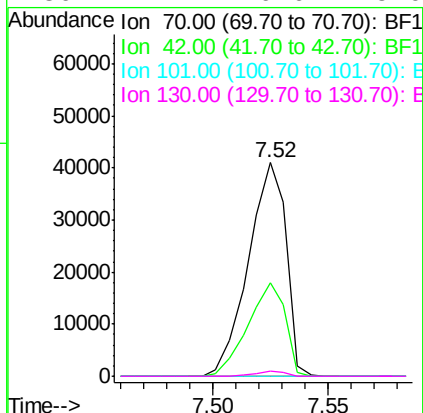
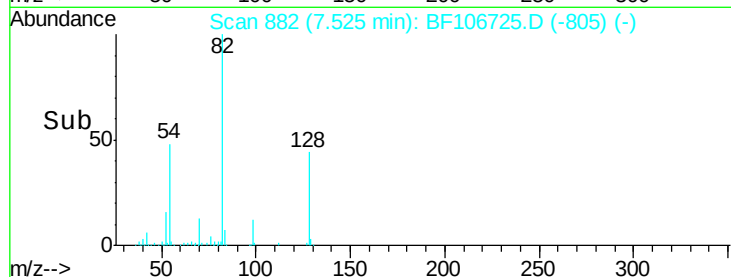
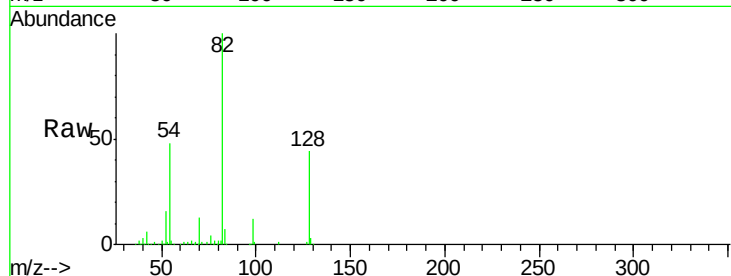




#19
n-Nitroso-di-n-propylamine
Concen: 16.278 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106725.D
Acq: 22 Jun 2018 22:48

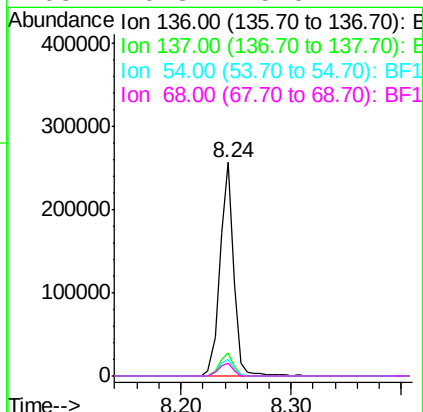
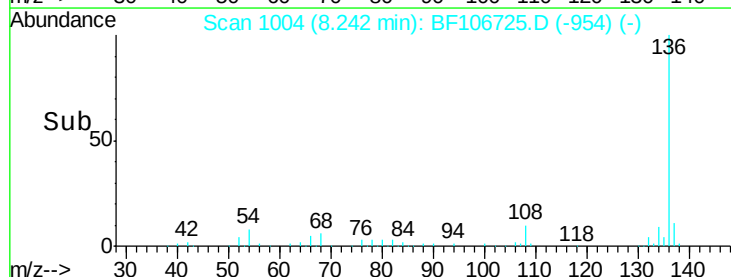
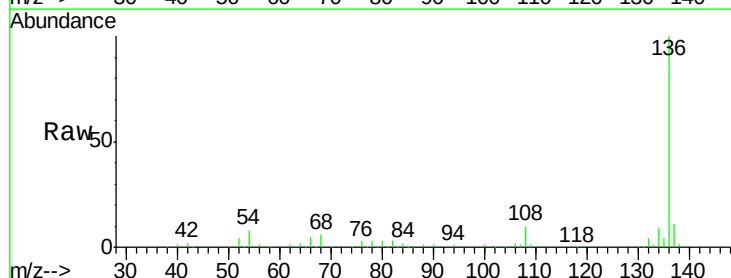
Instrument :
BNA_F
ClientSampleId :
SP-B

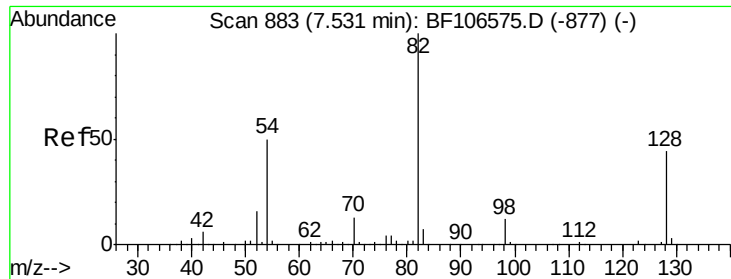
Tgt Ion: 70 Resp: 46833
Ion Ratio Lower Upper
70 100
42 43.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106725.D
Acq: 22 Jun 2018 22:48

Tgt Ion: 136 Resp: 220883
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.8 6.6 9.8
68 6.3 5.0 7.4

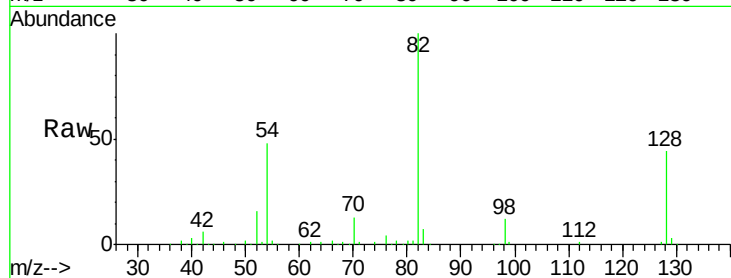




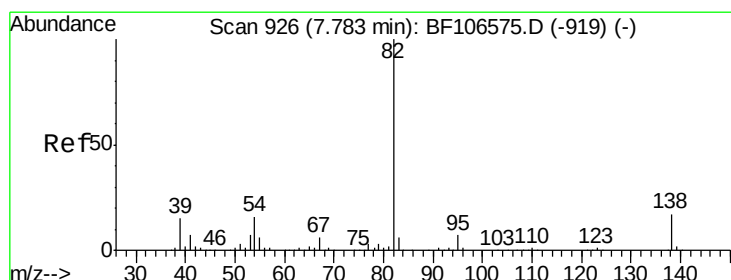
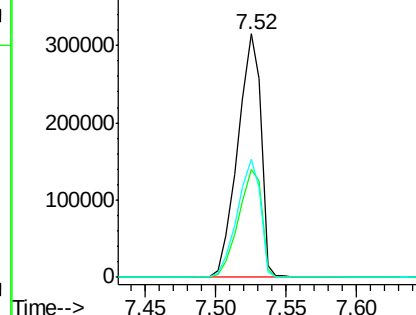
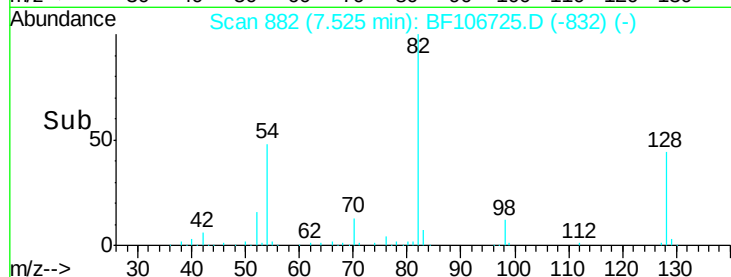
#23
 Nitrobenzene-d5
 Concen: 90.897 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106725.D
 Acq: 22 Jun 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	48.4	41.4	62.2

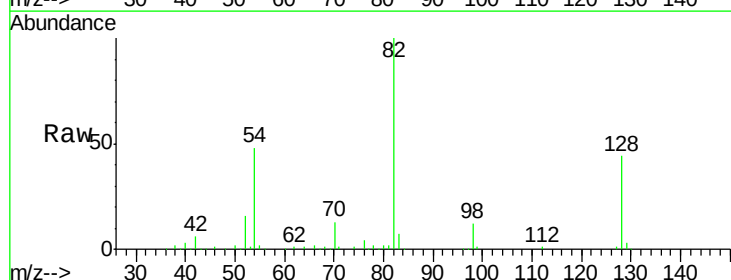


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

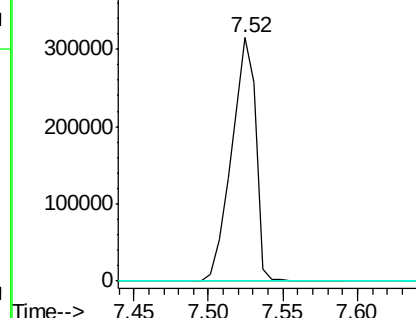
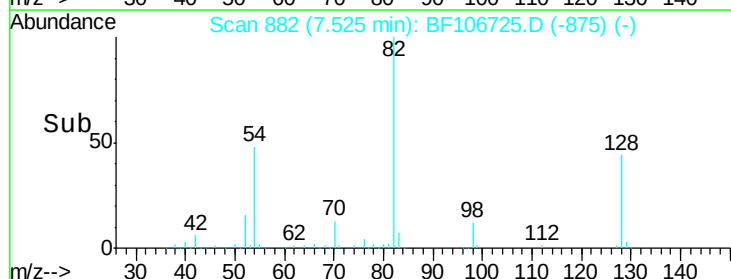


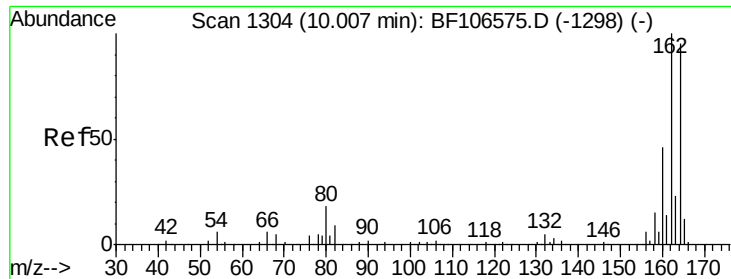
#25
 Isophorone
 Concen: 51.582 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF106725.D
 Acq: 22 Jun 2018 22:48

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# 1303

Delta R.T. -0.01 min

Lab File: BF106725.D

Acq: 22 Jun 2018 22:48

Instrument :

BNA_F

ClientSampleId :

SP-B

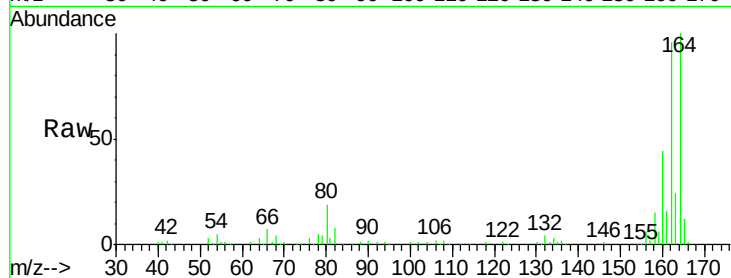
Tgt Ion:164 Resp: 105711

Ion Ratio Lower Upper

164 100

162 95.9 86.1 129.1

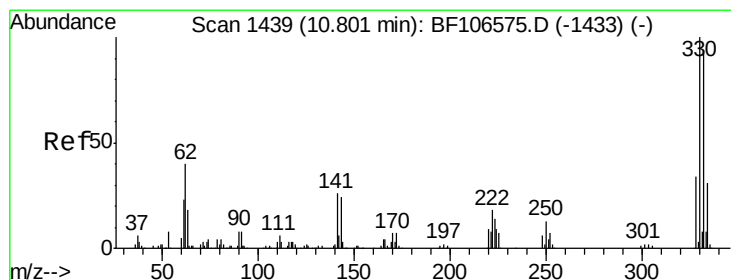
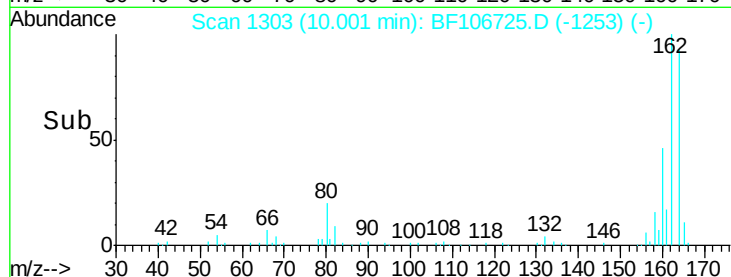
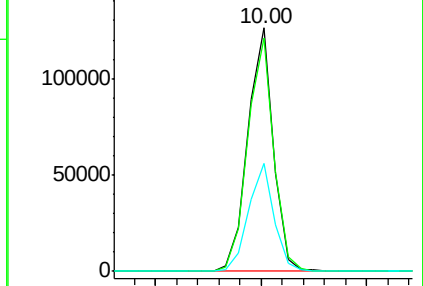
160 44.1 38.3 57.5



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: 132.260 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106725.D

Acq: 22 Jun 2018 22:48

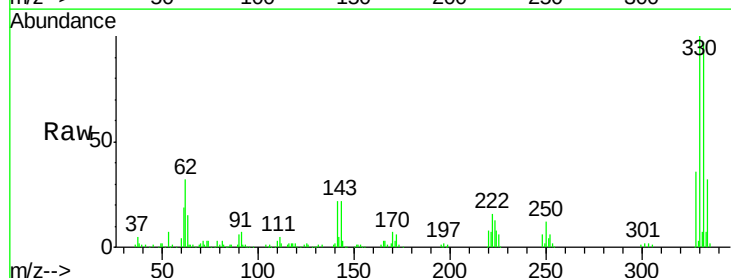
Tgt Ion:330 Resp: 162048

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

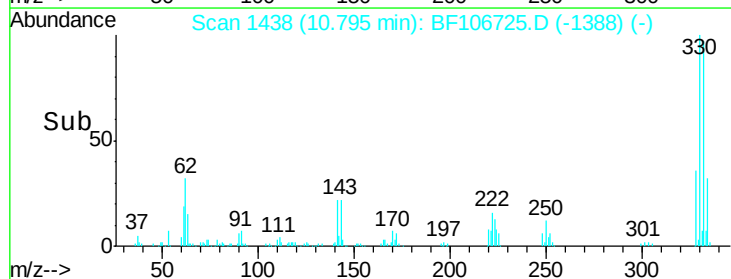
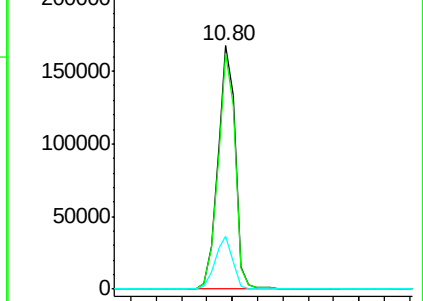
141 22.2 29.9 44.9#

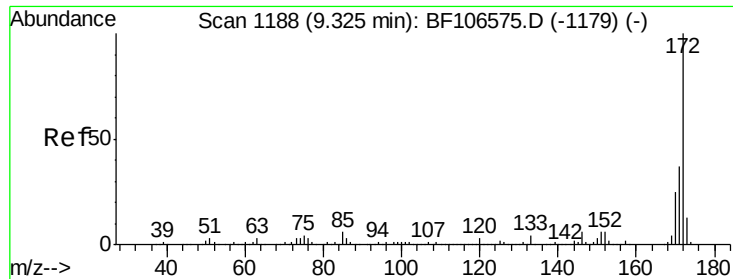


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

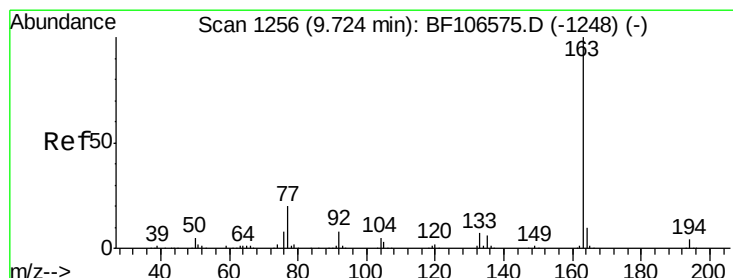
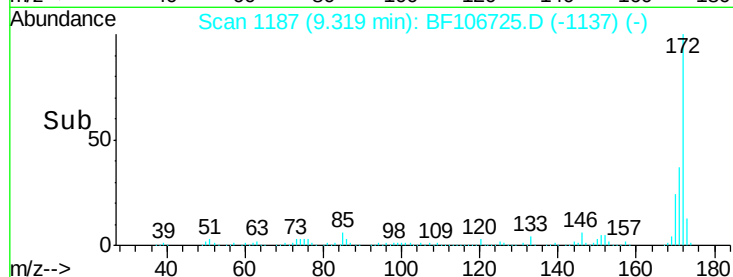
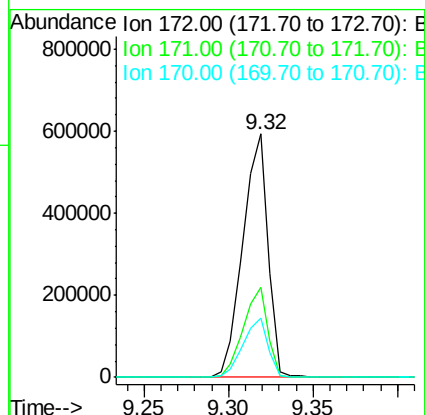
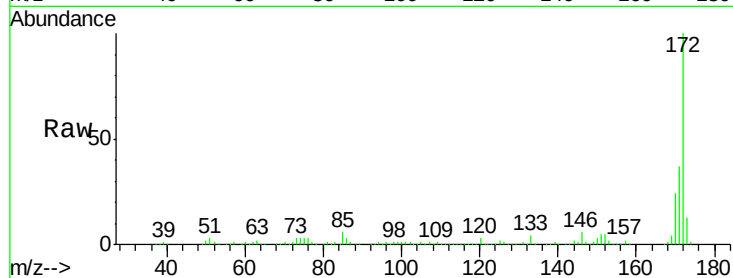




#44
 2-Fluorobiphenyl
 Concen: 102.129 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106725.D
 Acq: 22 Jun 2018 22:48

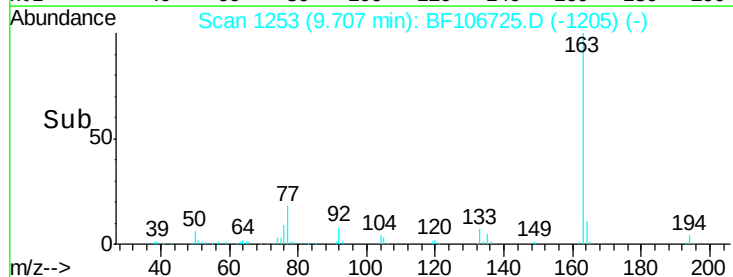
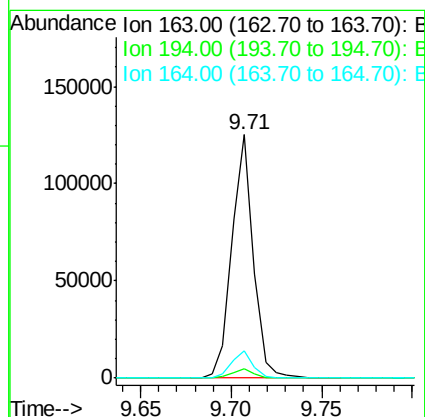
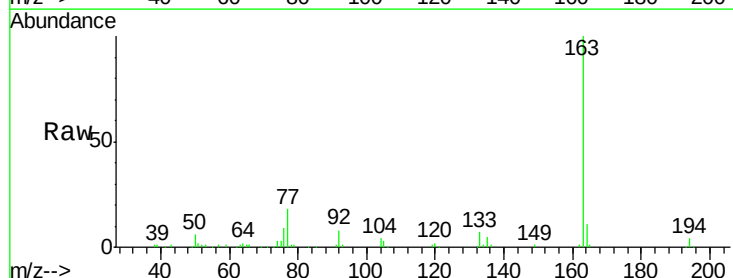
Instrument :
 BNA_F
 ClientSampleId :
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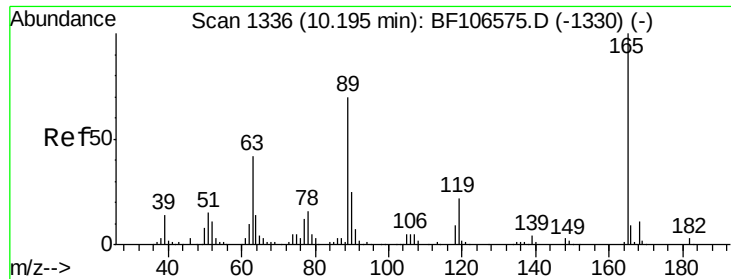
Tgt Ion:172 Resp: 619268
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.4 19.6 29.4



#49
 Dimethylphthalate
 Concen: 13.043 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106725.D
 Acq: 22 Jun 2018 22:48

Tgt Ion:163 Resp: 103413
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 11.3 8.2 12.2

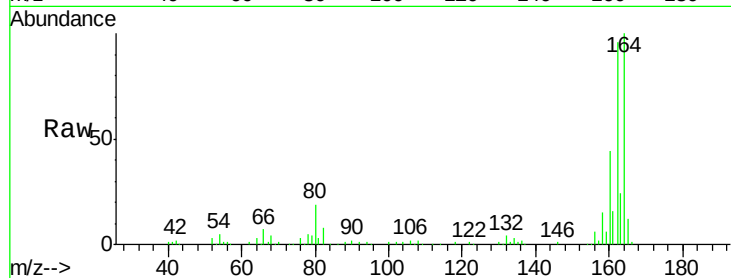




#56
2,4-Dinitrotoluene
Concen: 5.961 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106725.D
Acq: 22 Jun 2018 22:48

Instrument :
BNA_F
ClientSampleId :
SP-B

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#

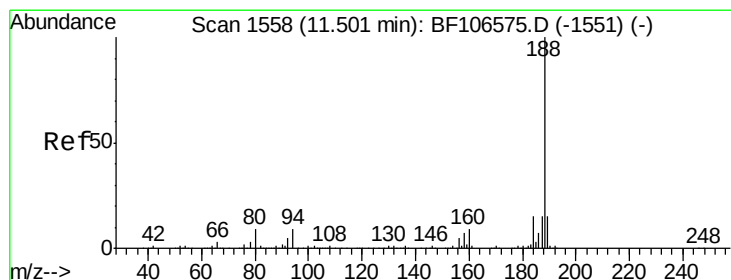
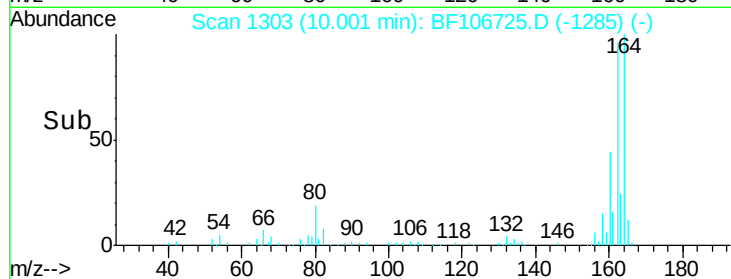
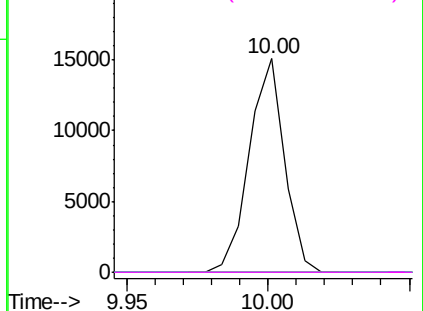


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

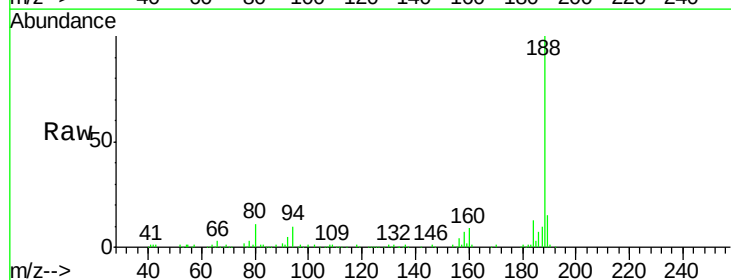
Ion 89.00 (88.70 to 89.70): BF1

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: BF106725.D
Acq: 22 Jun 2018 22:48

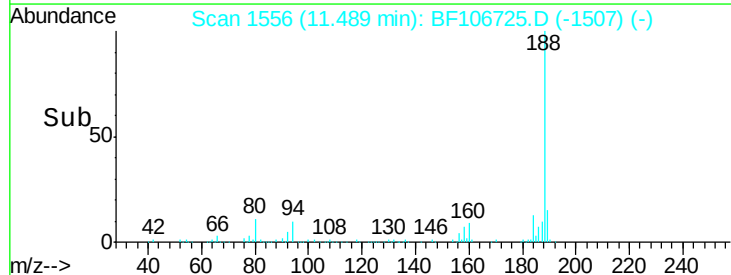
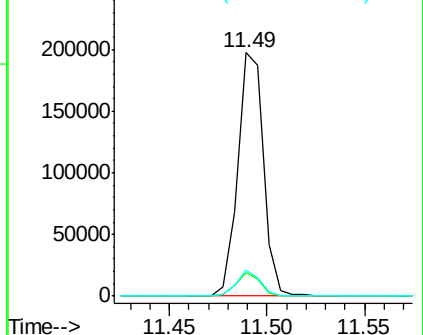
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.6	9.2	13.8

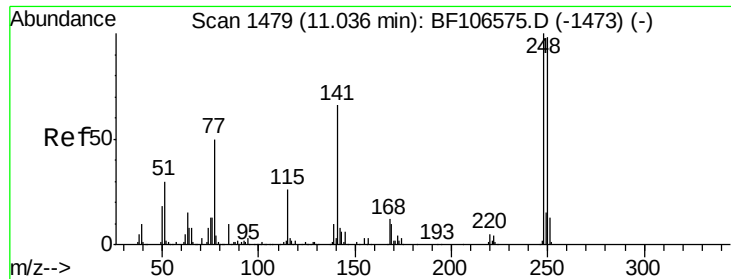


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

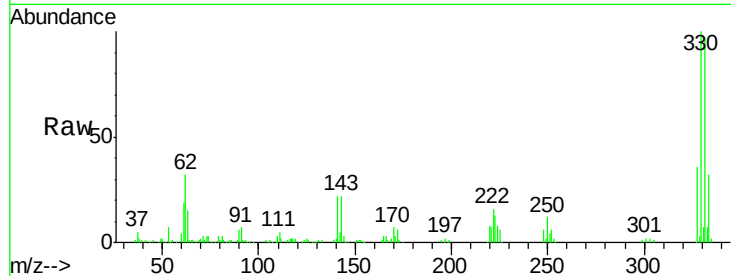




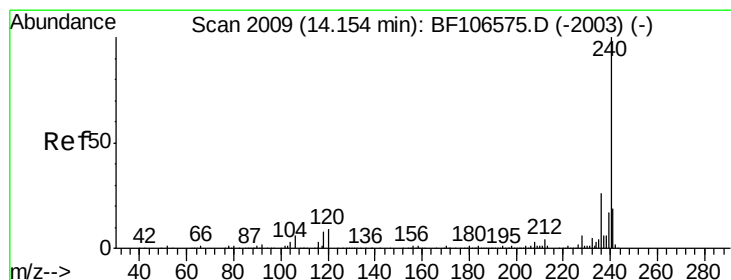
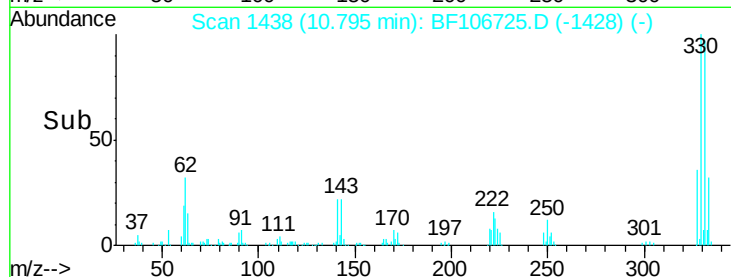
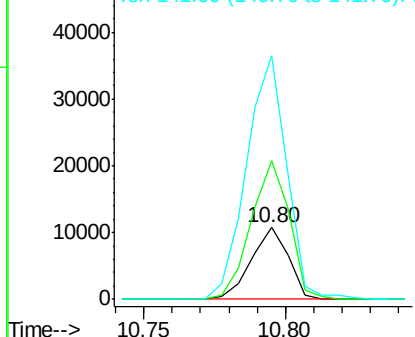
#66
4-Bromophenyl-phenylether
Concen: 4.554 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106725.D
Acq: 22 Jun 2018 22:48

Instrument :
BNA_F
ClientSampled :
SP-B

Tgt Ion:248 Resp: 9793
Ion Ratio Lower Upper
248 100
250 193.1 76.9 115.3#
141 339.1 74.4 111.6#

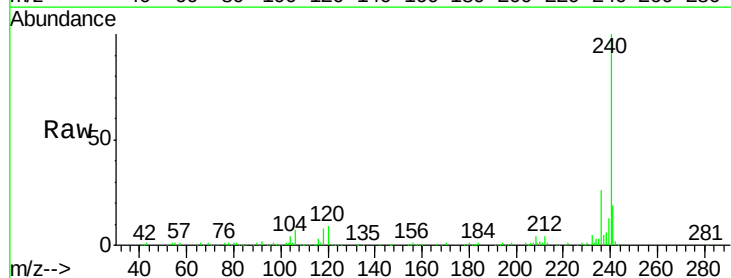


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

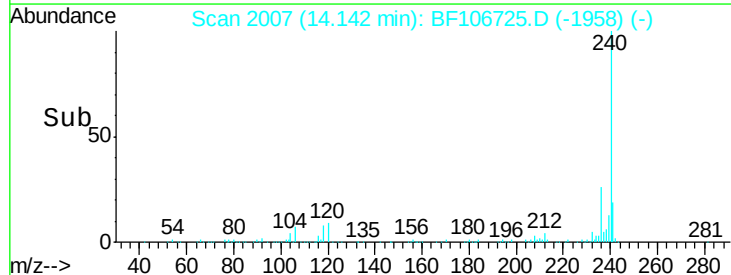
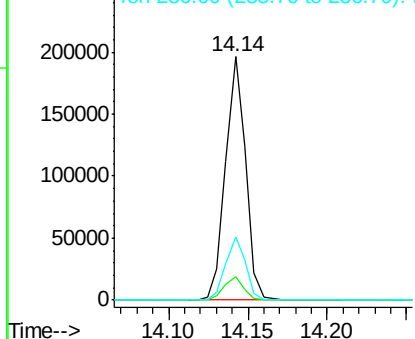


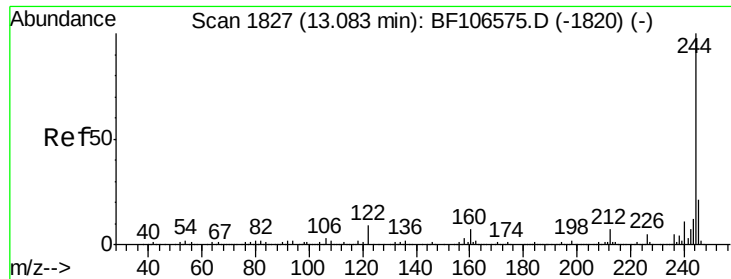
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106725.D
Acq: 22 Jun 2018 22:48

Tgt Ion:240 Resp: 172363
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3#
236 25.8 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

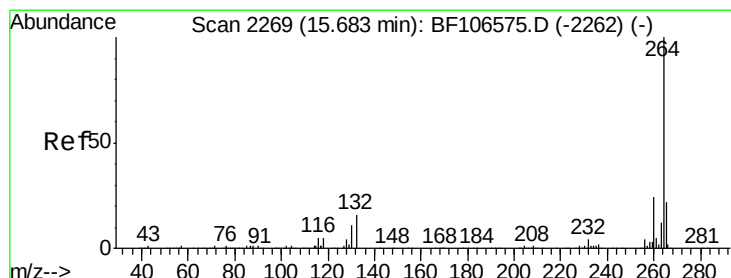
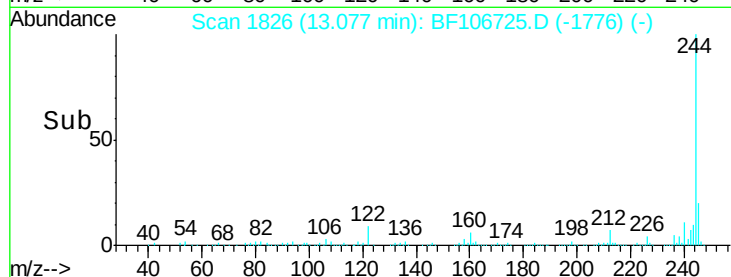
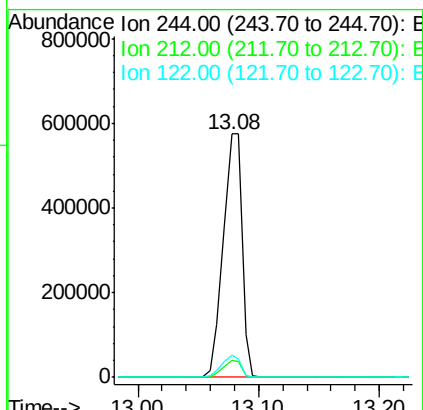
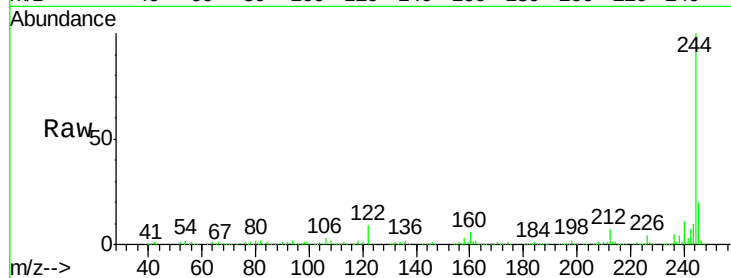




#78
 Terphenyl-d14
 Concen: 87.392 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106725.D
 Acq: 22 Jun 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-B

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.2	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: BF106725.D
 Acq: 22 Jun 2018 22:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.0	17.5	26.3

