

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
 Data File : BF106636.D
 Acq On : 20 Jun 2018 22:49
 Operator : JU/SJ
 Sample : J3554-05RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-4(2.0)

Quant Time: Jun 21 01:04:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

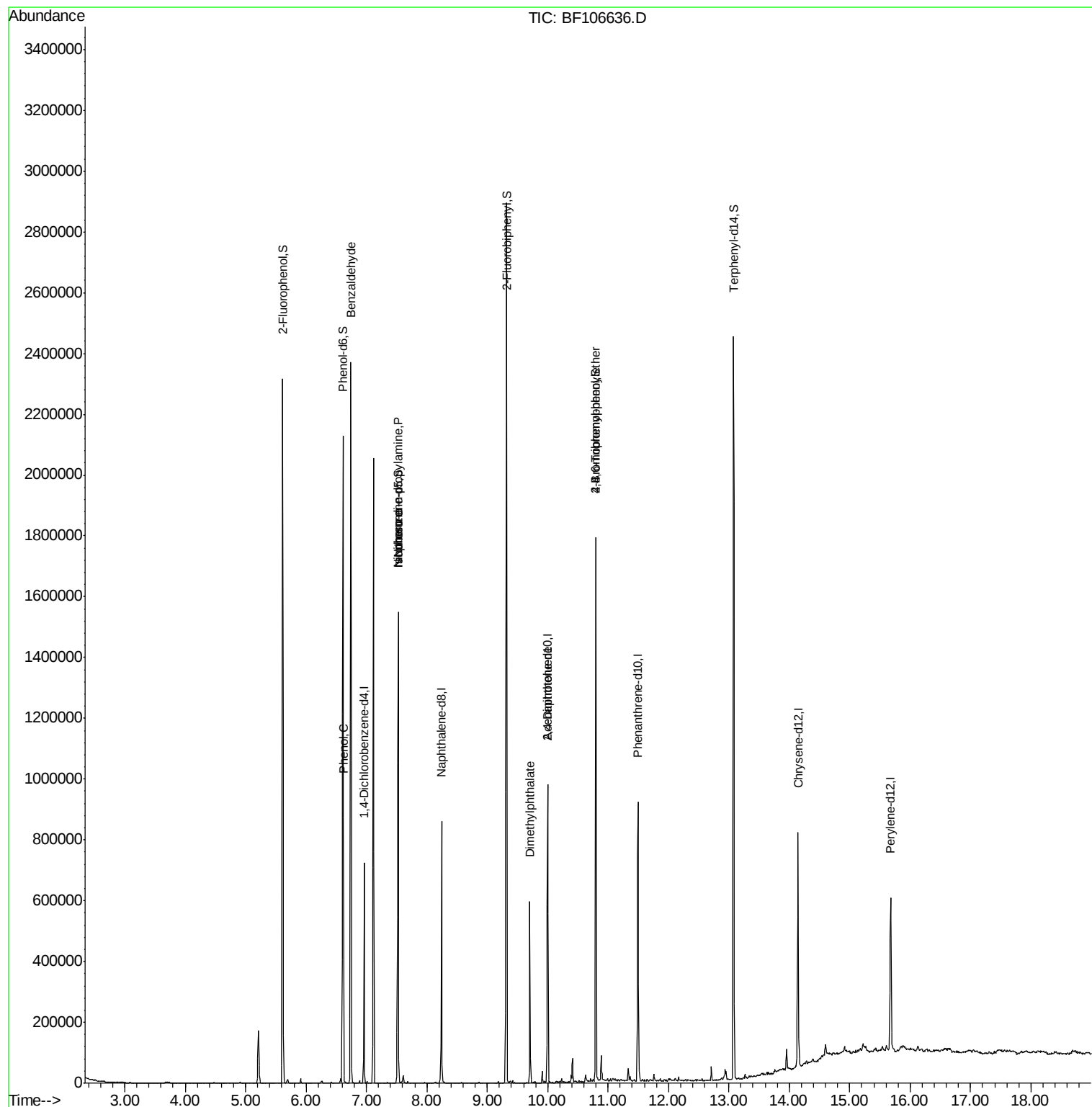
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	96463	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	364562	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	188631	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	331473	20.00	ng	0.00
75) Chrysene-d12	14.14	240	257881	20.00	ng	-0.01
86) Perylene-d12	15.68	264	246121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	659628	115.79	ng	0.01
7) Phenol-d6	6.61	99	840848	118.20	ng	0.00
23) Nitrobenzene-d5	7.52	82	571325	87.09	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	276940	126.67	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	963092	86.72	ng	0.00
78) Terphenyl-d14	13.08	244	911981	85.66	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	14700	2.452	ng	Qvalue 86
10) Phenol	6.62	94	18999	2.340	ng	99
19) n-Nitroso-di-n-propylamine	7.52	70	74796	15.950	ng	# 73
25) Isophorone	7.52	82	571321	49.424	ng	# 64
49) Dimethylphthalate	9.71	163	233712	16.520	ng	98
56) 2,4-Dinitrotoluene	10.00	165	24290	6.212	ng	# 23
66) 4-Bromophenyl-phenylether	10.80	248	17310	4.376	ng	# 1

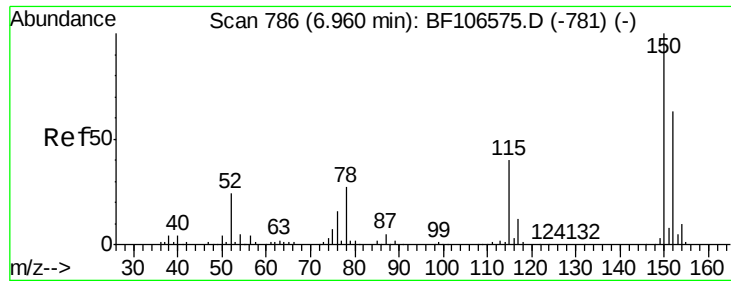
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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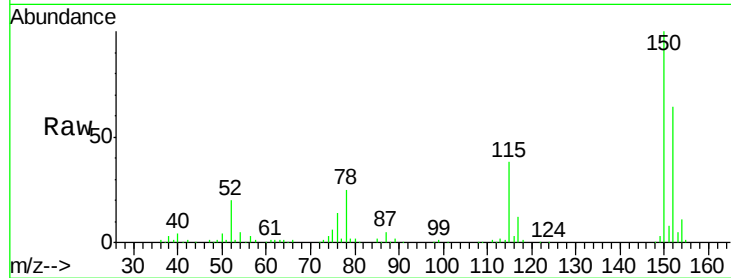


#1

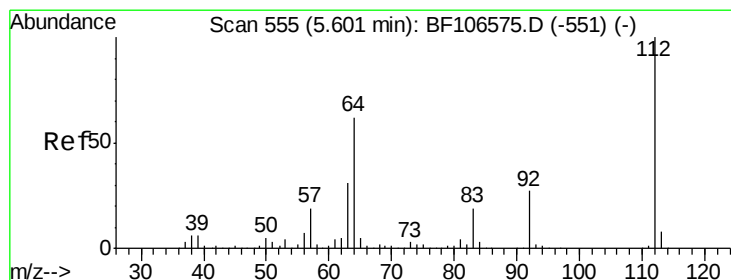
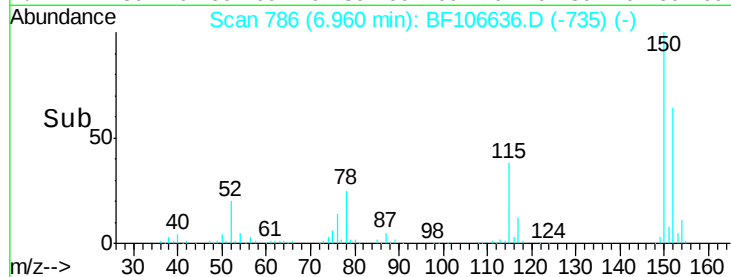
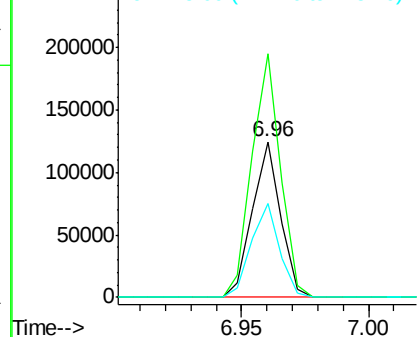
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106636.D
Acq: 20 Jun 2018 22:49

Instrument :
BNA_F
ClientSampleId :
A-4(2.0)

Tgt Ion:152 Resp: 96463
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 60.2 50.1 75.1



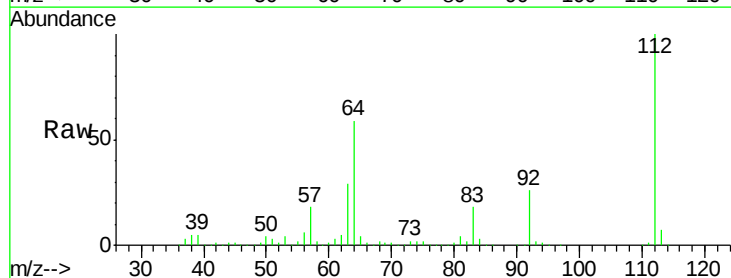
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



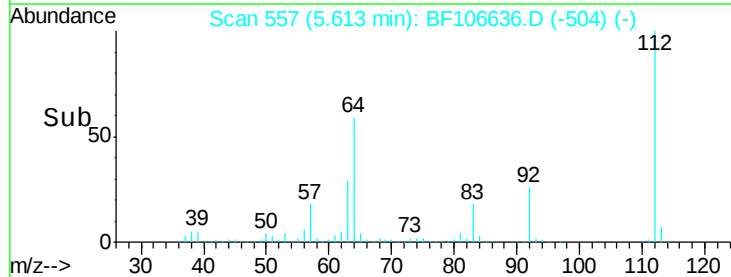
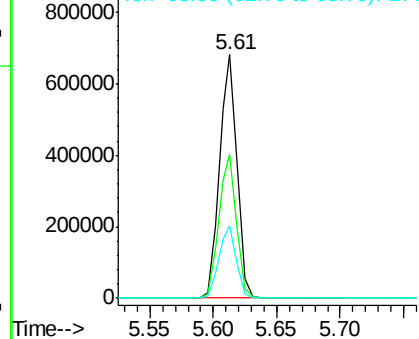
#5

2-Fluorophenol
Concen: 115.792 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106636.D
Acq: 20 Jun 2018 22:49

Tgt Ion:112 Resp: 659628
Ion Ratio Lower Upper
112 100
64 58.9 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: 118.195 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106636.D

Acq: 20 Jun 2018 22:49

Instrument :

BNA_F

ClientSampled :

A-4(2.0)

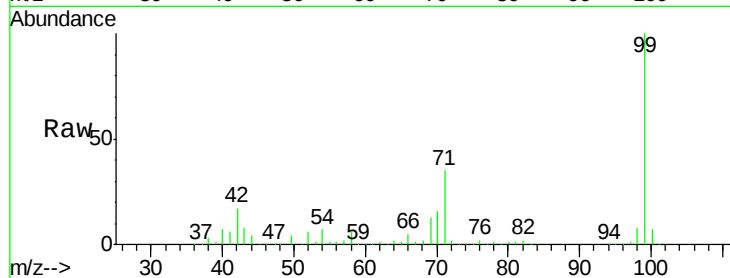
Tgt Ion: 99 Resp: 840848

Ion Ratio Lower Upper

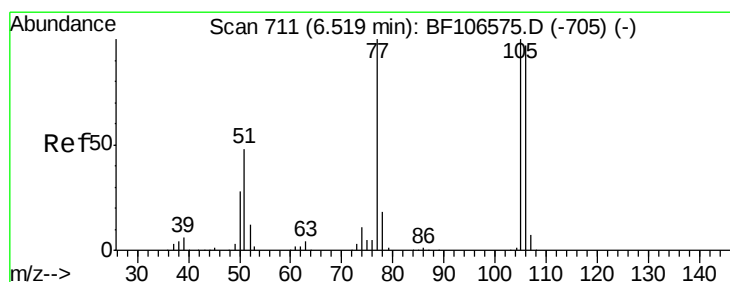
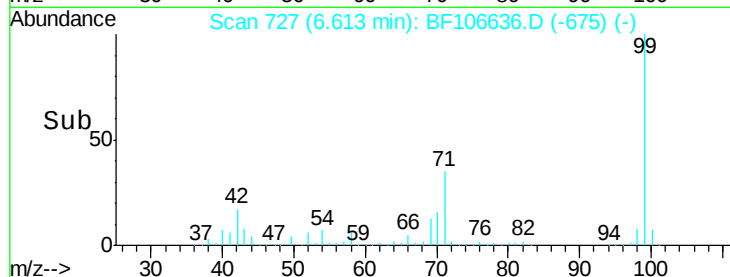
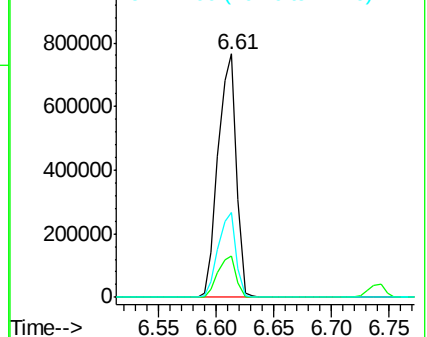
99 100

42 16.8 14.5 21.7

71 34.9 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: 2.452 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106636.D

Acq: 20 Jun 2018 22:49

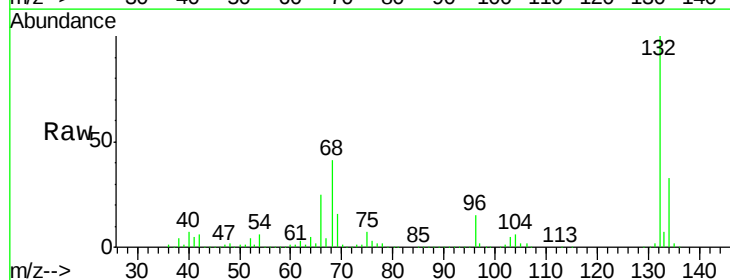
Tgt Ion: 77 Resp: 14700

Ion Ratio Lower Upper

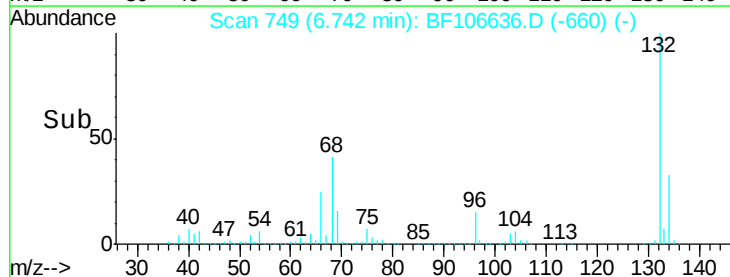
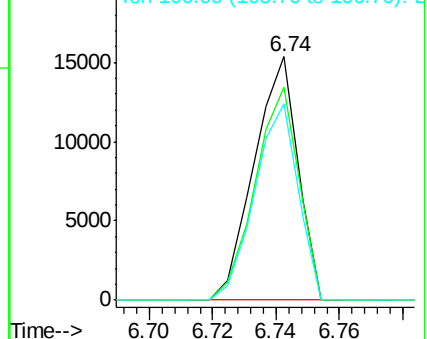
77 100

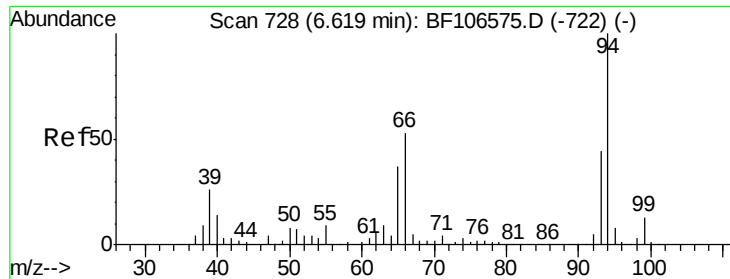
105 87.2 81.1 121.1

106 80.9 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





#10

Phenol

Concen: 2.340 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF106636.D

Acq: 20 Jun 2018 22:49

Instrument :

BNA_F

ClientSampled :

A-4(2.0)

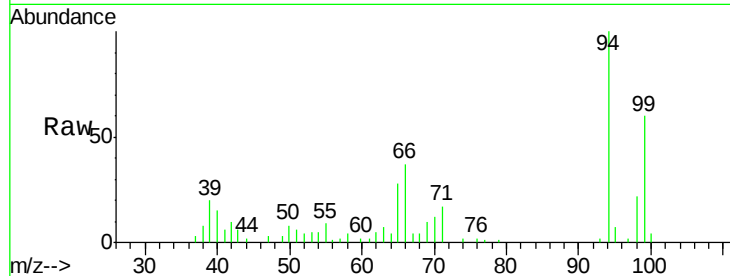
Tgt Ion: 94 Resp: 18999

Ion Ratio Lower Upper

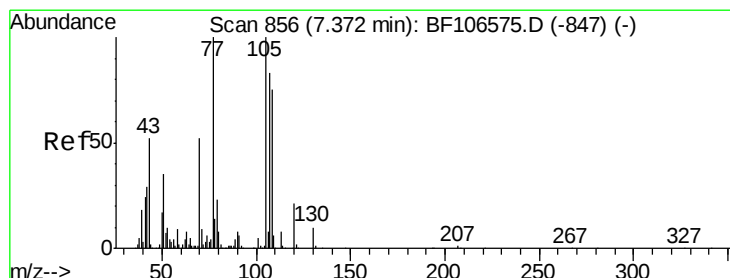
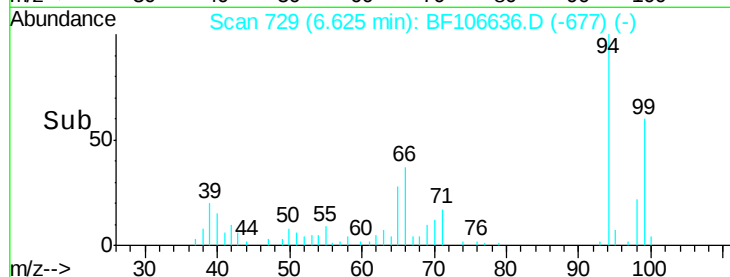
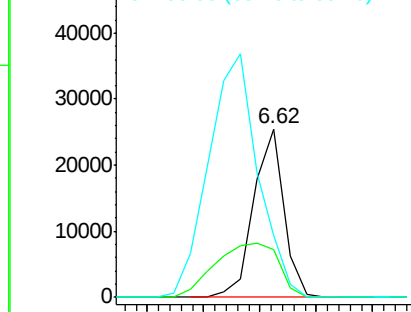
94 100

65 28.3 7.9 47.9

66 36.7 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: 15.950 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106636.D

Acq: 20 Jun 2018 22:49

Tgt Ion: 70 Resp: 74796

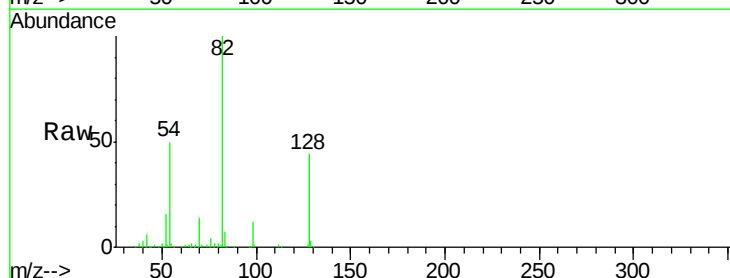
Ion Ratio Lower Upper

70 100

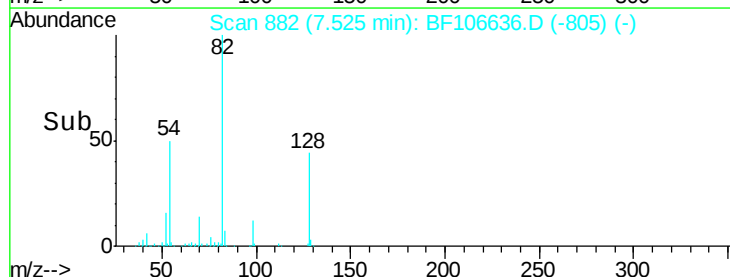
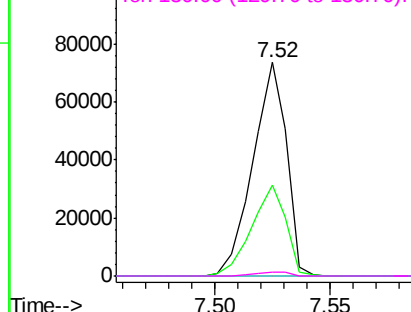
42 42.3 47.5 71.3#

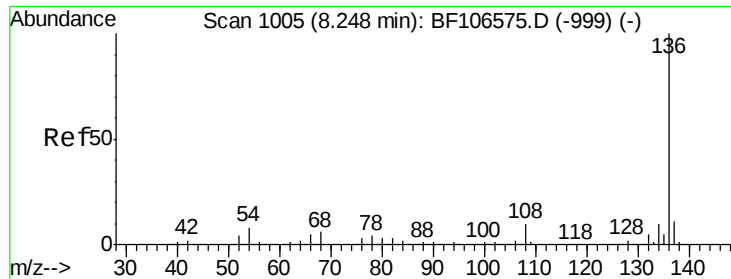
101 0.0 7.4 11.2#

130 2.0 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

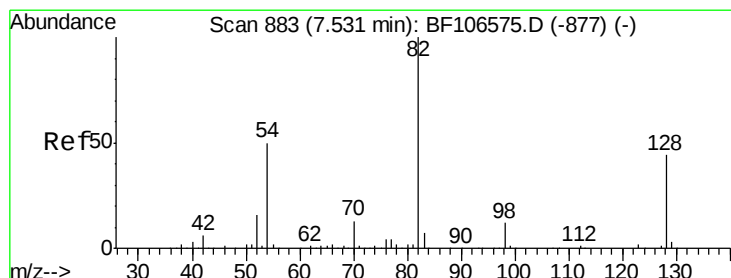
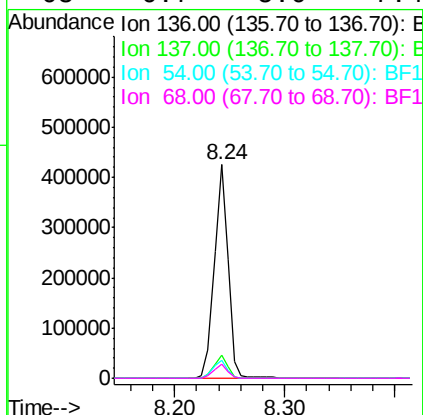
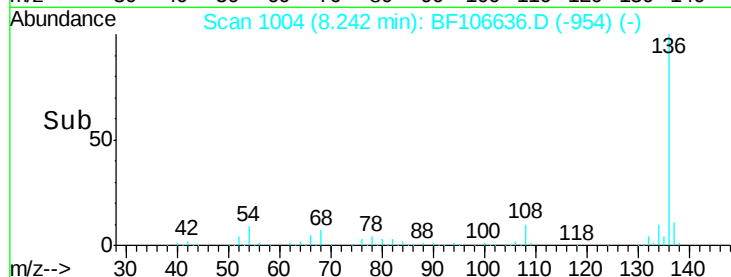
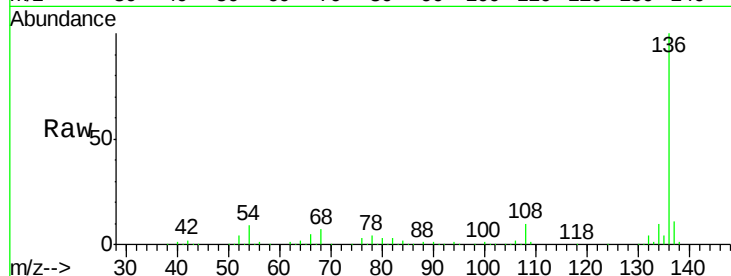




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106636.D
Acq: 20 Jun 2018 22:49

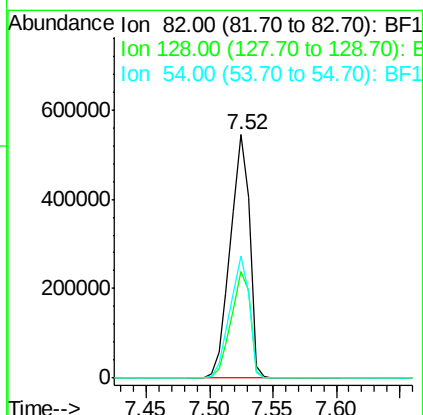
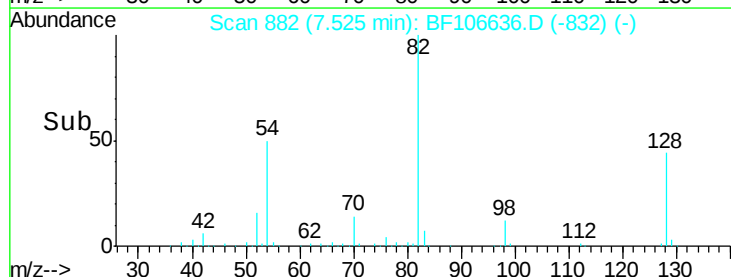
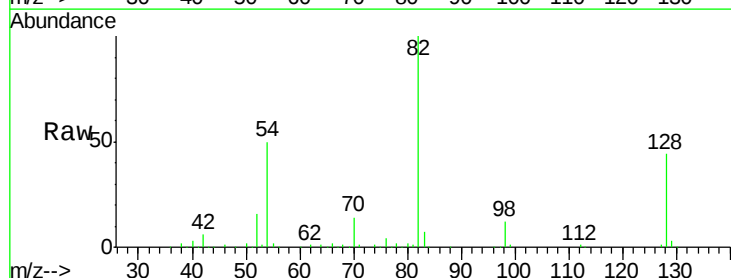
Instrument :
BNA_F
ClientSampleId :
A-4(2.0)

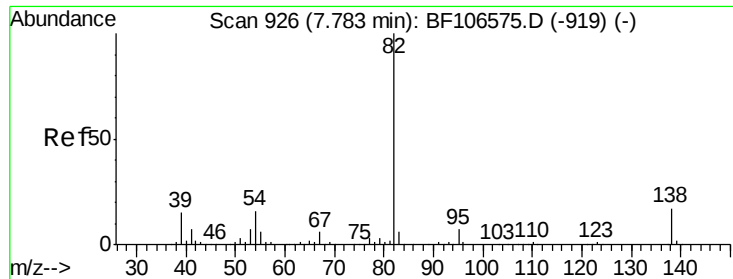
Tgt Ion:	136	Resp:	364562
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.6	6.6	9.8
68	6.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 87.092 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106636.D
Acq: 20 Jun 2018 22:49

Tgt Ion:	82	Resp:	571325
Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	49.9	41.4	62.2





#25

Isophorone

Concen: 49.424 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106636.D

Acq: 20 Jun 2018 22:49

Instrument :

BNA_F

ClientSampleId :

A-4(2.0)

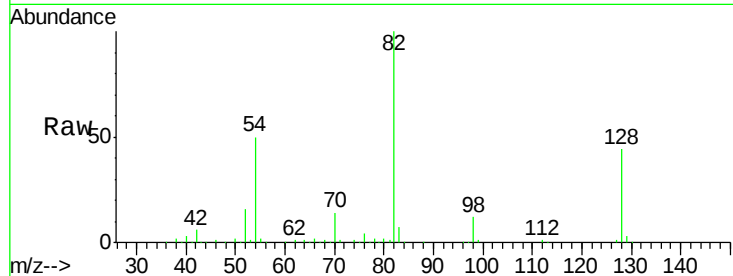
Tgt Ion: 82 Resp: 571321

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

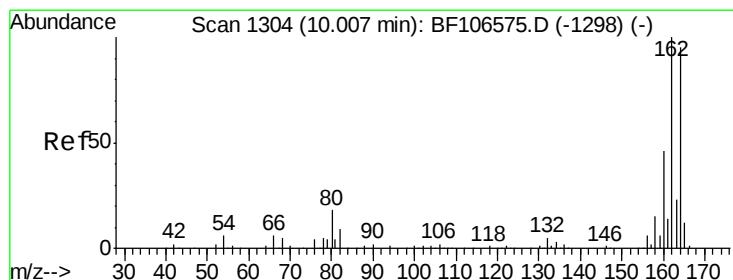
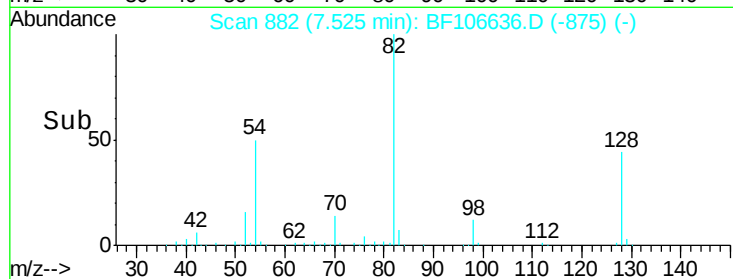
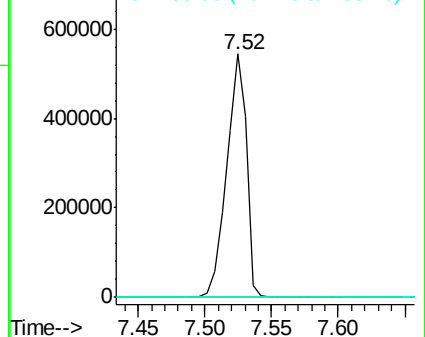
138 0.0 14.9 22.3#



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: BF106636.D

Acq: 20 Jun 2018 22:49

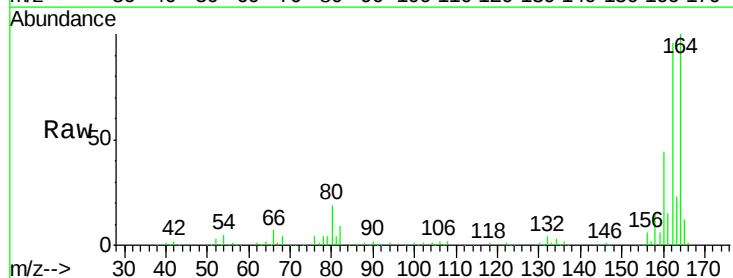
Tgt Ion: 164 Resp: 188631

Ion Ratio Lower Upper

164 100

162 96.2 86.1 129.1

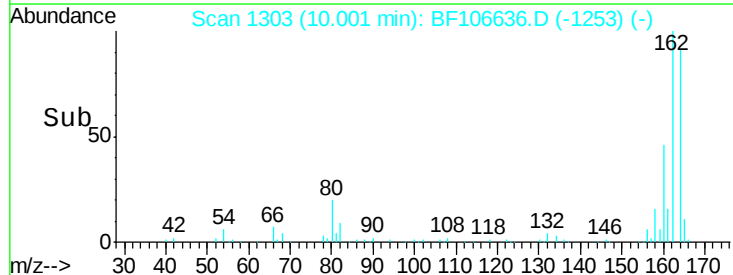
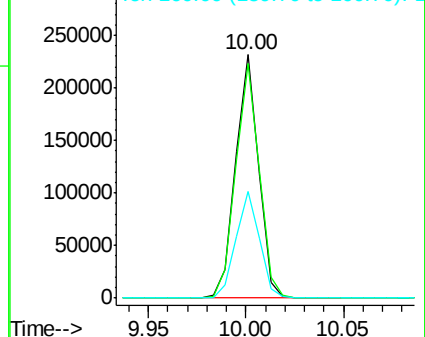
160 43.7 38.3 57.5



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

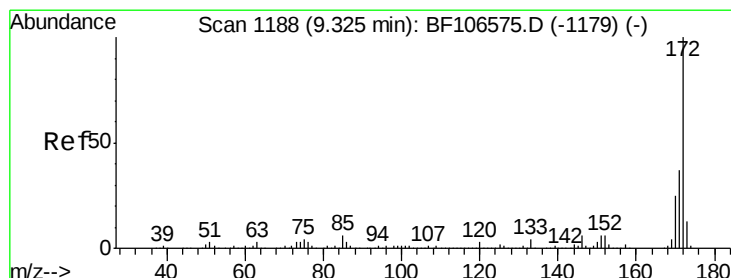
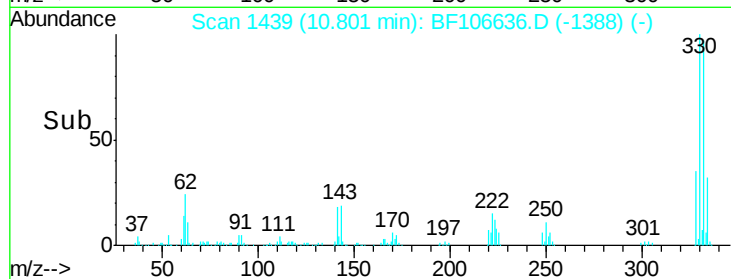
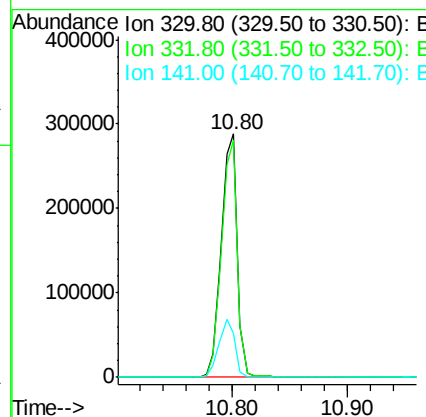
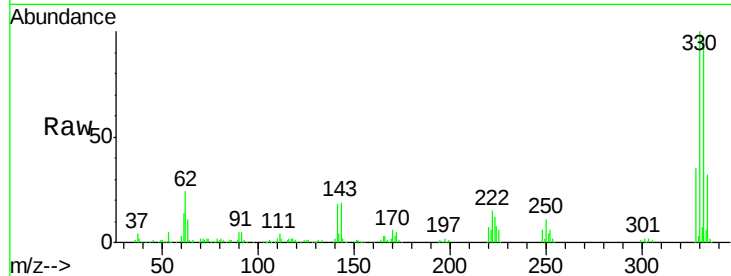




#41
 2,4,6-Tribromophenol
 Concen: 126.672 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106636.D
 Acq: 20 Jun 2018 22:49

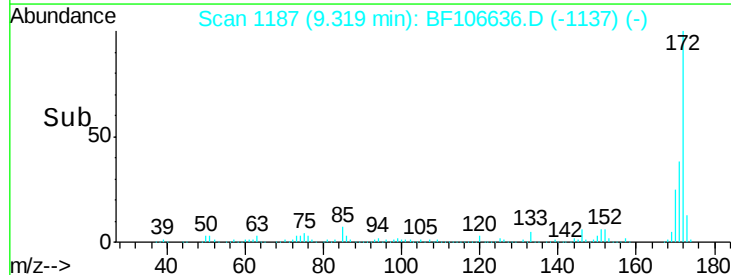
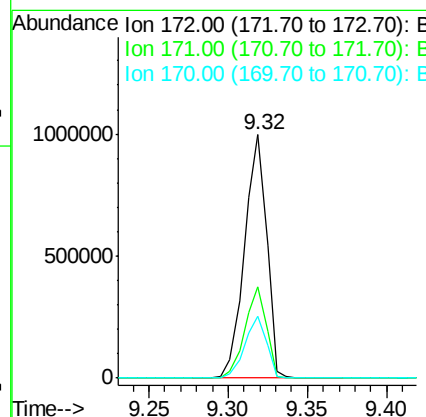
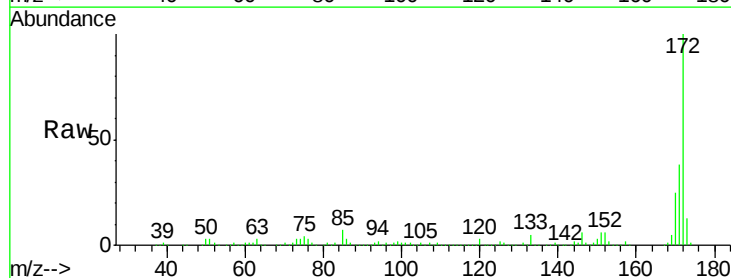
Instrument :
 BNA_F
 ClientSampleId :
 A-4(2.0)

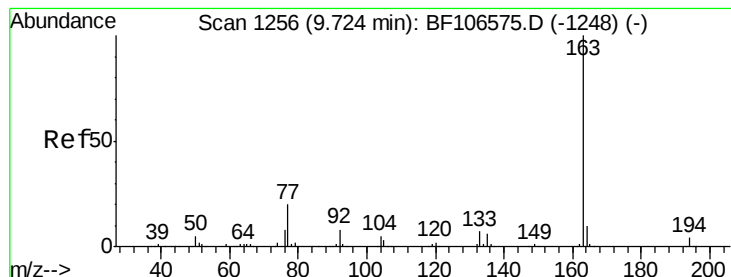
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	23.9	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 86.719 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106636.D
 Acq: 20 Jun 2018 22:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.4	19.6	29.4





#49

Dimethylphthalate

Concen: 16.520 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106636.D

Acq: 20 Jun 2018 22:49

Instrument :

BNA_F

ClientSampleId :

A-4(2.0)

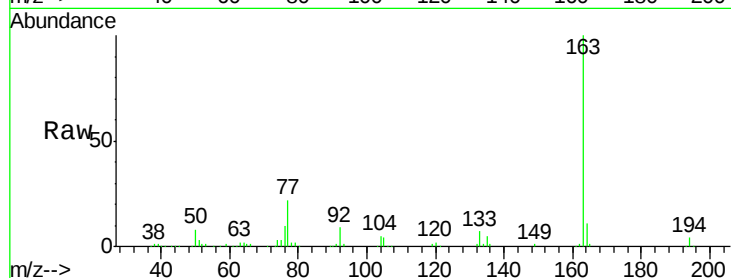
Tgt Ion:163 Resp: 233712

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

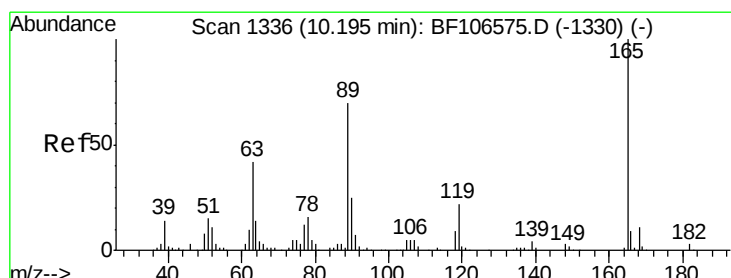
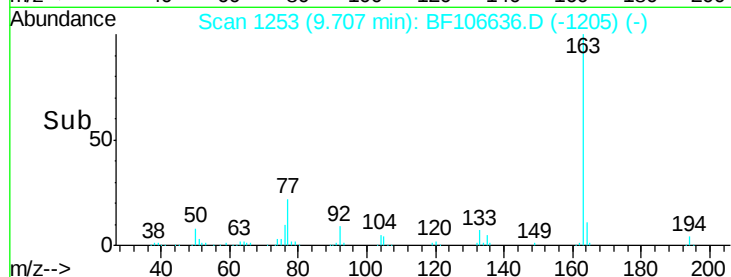
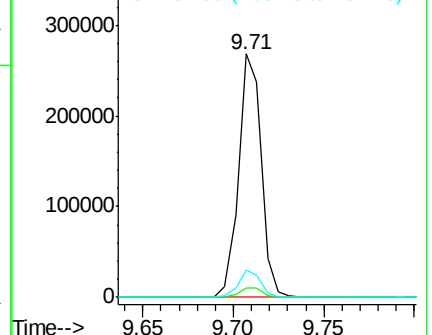
164 11.2 8.2 12.2



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: 6.212 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.19 min

Lab File: BF106636.D

Acq: 20 Jun 2018 22:49

Tgt Ion:165 Resp: 24290

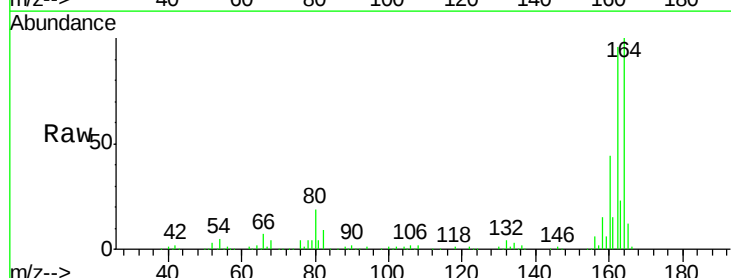
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

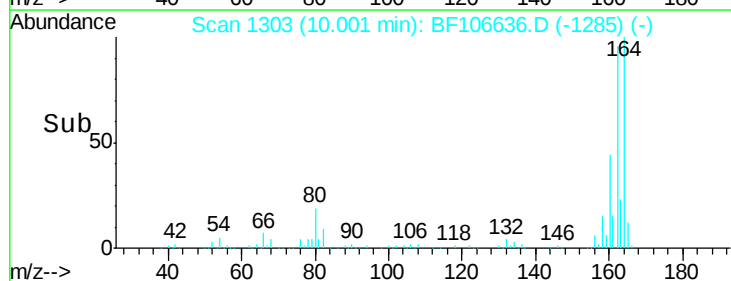
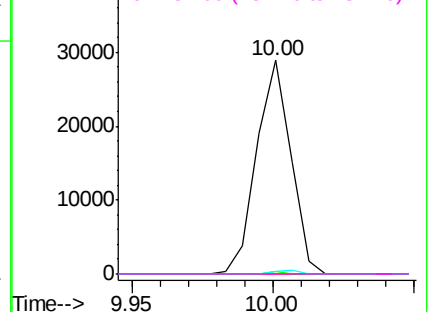


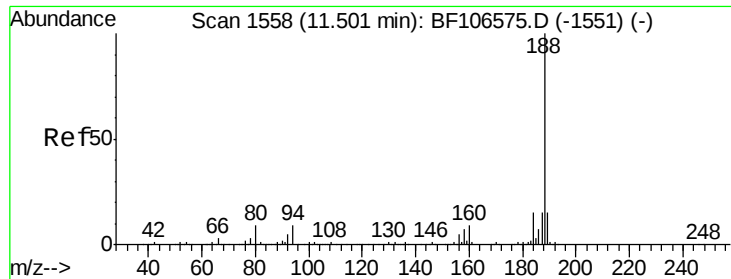
Abundance Ion 165.00 (164.70 to 165.70): E

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

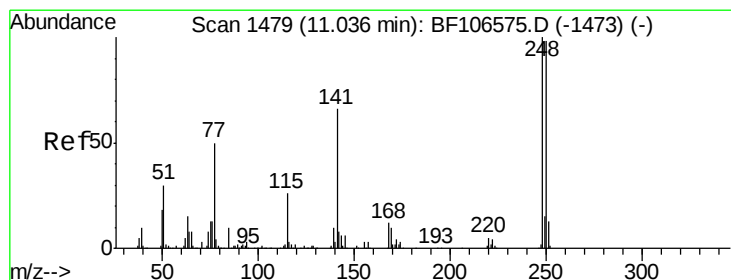
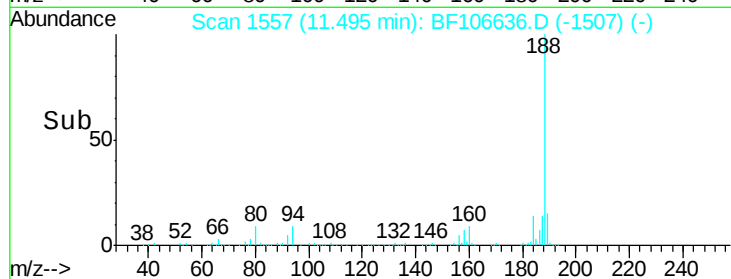
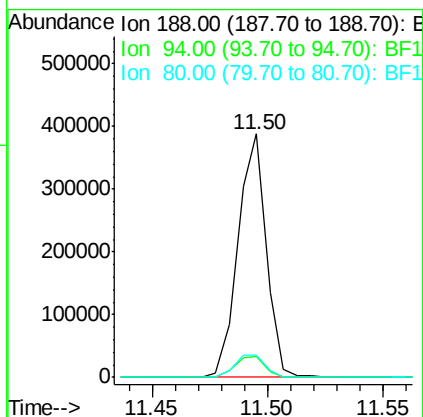
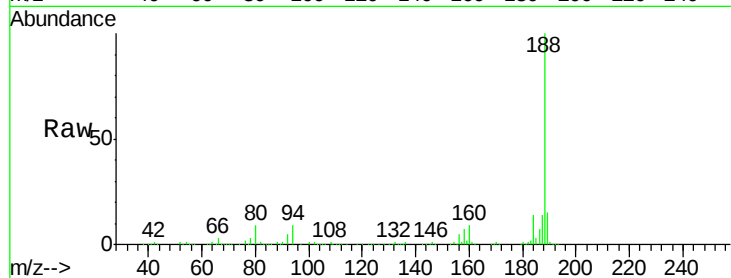




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106636.D
Acq: 20 Jun 2018 22:49

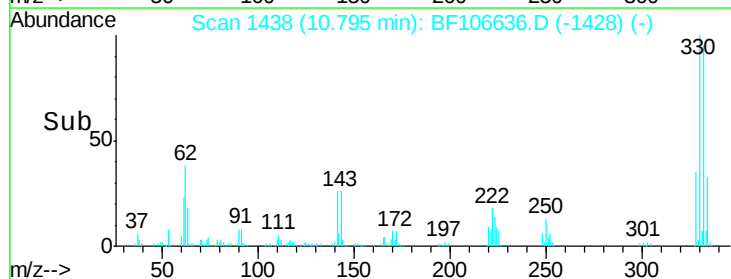
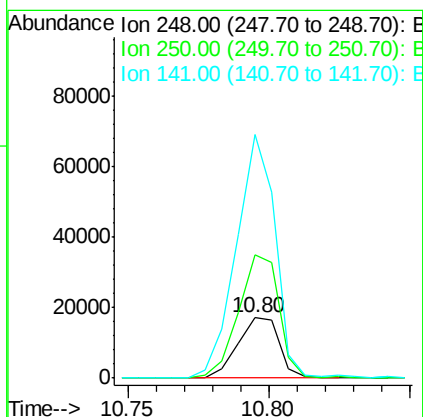
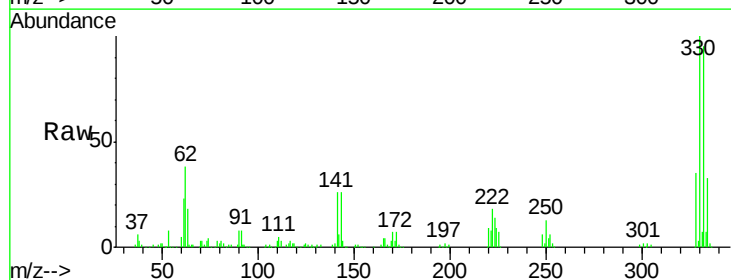
Instrument :
BNA_F
ClientSampled :
A-4(2.0)

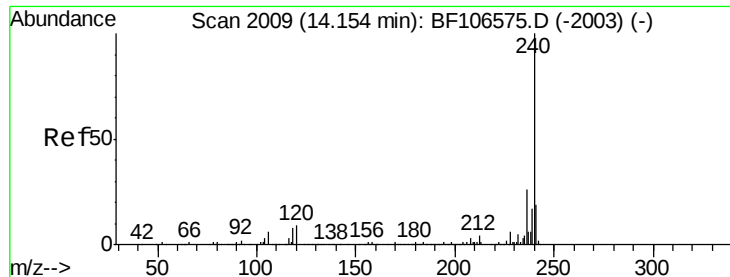
Tgt Ion:188 Resp: 331473
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 9.2 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 4.376 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106636.D
Acq: 20 Jun 2018 22:49

Tgt Ion:248 Resp: 17310
Ion Ratio Lower Upper
248 100
250 205.2 76.9 115.3#
141 405.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106636.D

Acq: 20 Jun 2018 22:49

Instrument :

BNA_F

ClientSampleId :

A-4(2.0)

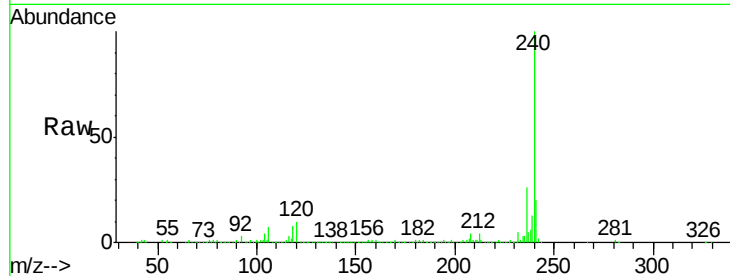
Tgt Ion:240 Resp: 257881

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

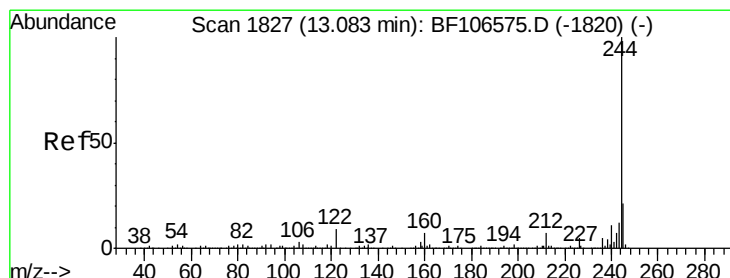
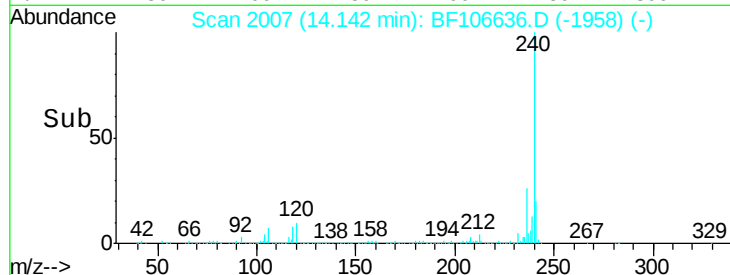
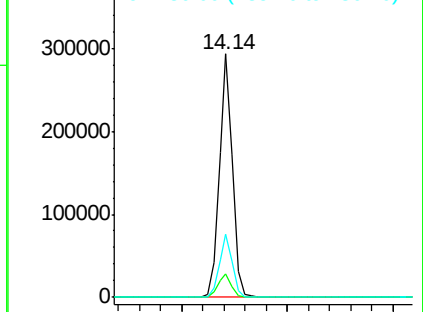
236 25.7 20.7 31.1



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: 85.663 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106636.D

Acq: 20 Jun 2018 22:49

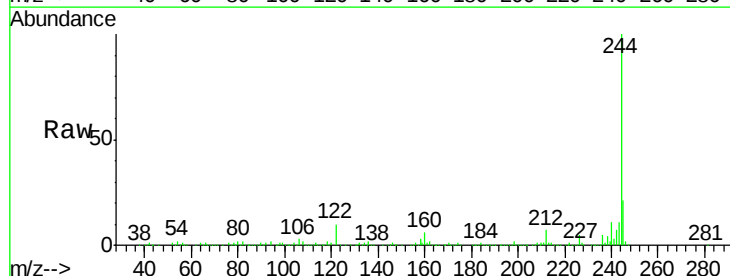
Tgt Ion:244 Resp: 911981

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

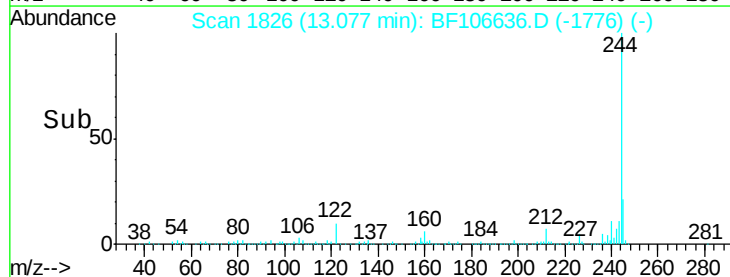
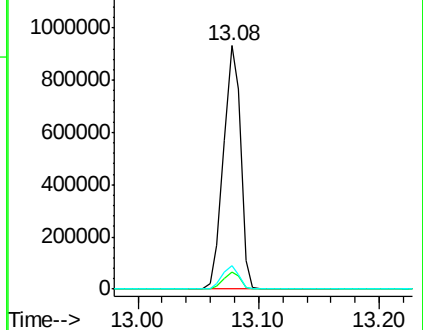
122 9.8 11.0 16.4#

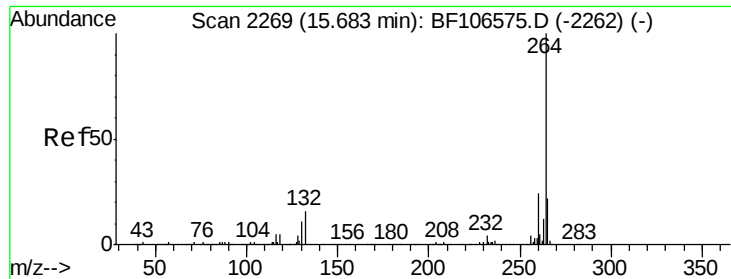


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min
Lab File: BF106636.D
Acq: 20 Jun 2018 22:49

Instrument :
BNA_F
ClientSampleId :
A-4(2.0)

Tgt Ion: 264 Resp: 246121
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.3 17.5 26.3

