

Data File : BF096952.D
Acq On : 21 Jul 2017 19:03
Operator : SJ/JU
Sample : I4302-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11D1011

Quant Time: Jul 21 23:14:00 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	112680	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	421409	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	180617	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	255468	20.00	ng	-0.05
75) Chrysene-d12	13.69	240	197551	20.00	ng	-0.05
86) Perylene-d12	15.05	264	177309	20.00	ng	-0.05

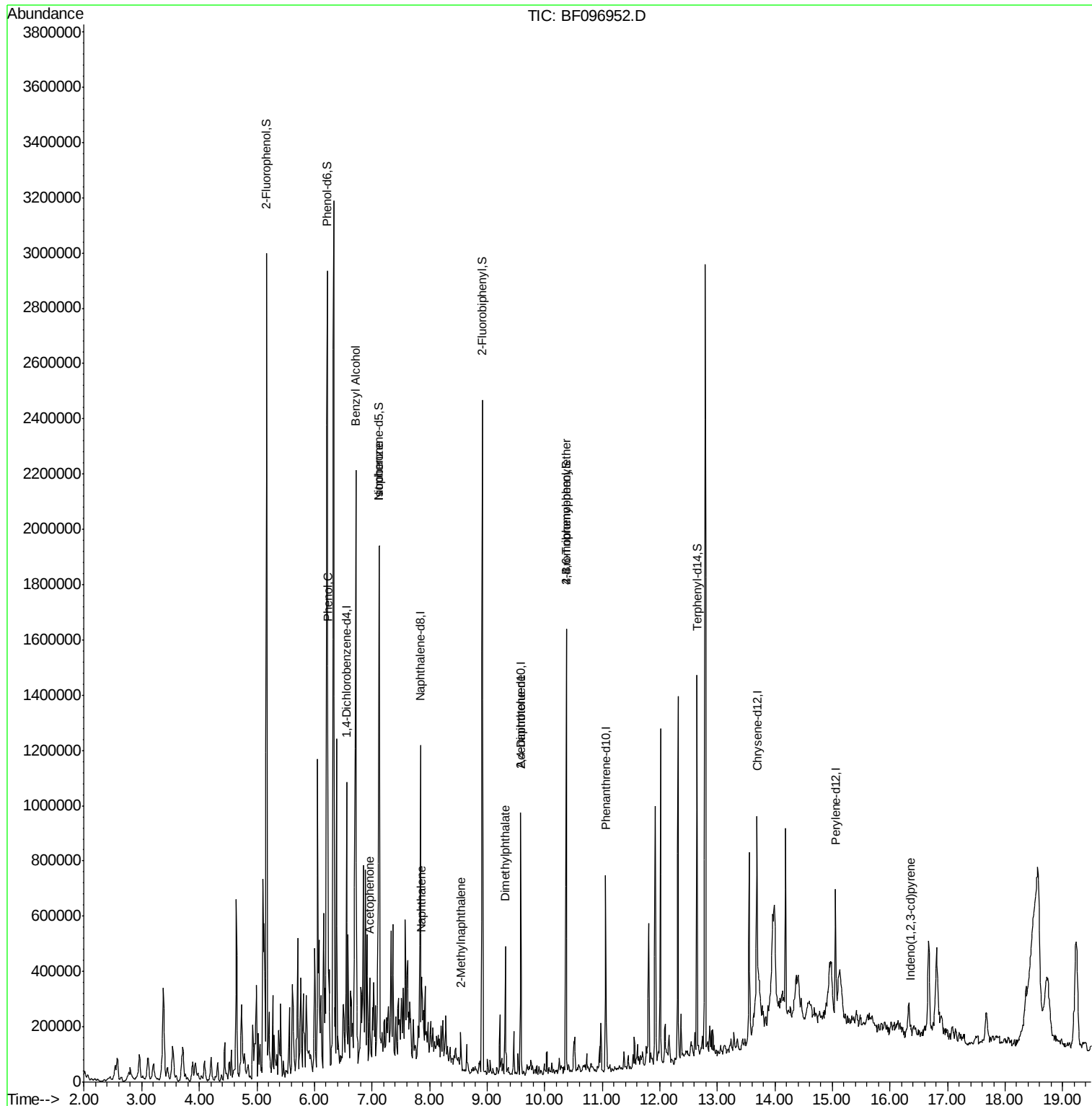
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	932278	124.40	ng	-0.03
7) Phenol-d6	6.22	99	1103683	122.73	ng	-0.03
23) Nitrobenzene-d5	7.12	82	614036	90.25	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	176430	114.44	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	739147	64.66	ng	-0.05
78) Terphenyl-d14	12.65	244	391679	34.38	ng	-0.05

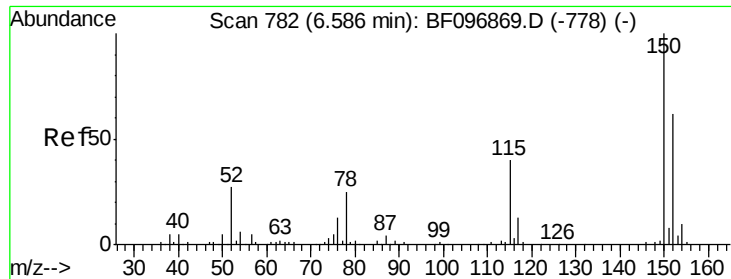
Target Compounds						Qvalue
10) Phenol	6.23	94	63177	6.21	ng	93
15) Benzyl Alcohol	6.71	79	15954	2.71	ng	# 58
22) Acetophenone	6.96	105	52794	5.61	ng	# 50
25) Isophorone	7.12	82	592268	46.80	ng	# 67
31) Naphthalene	7.86	128	56335	2.82	ng	98
37) 2-Methylnaphthalene	8.55	142	33201	2.61	ng	94
49) Dimethylphthalate	9.32	163	191170	14.06	ng	99
56) 2,4-Dinitrotoluene	9.59	165	24397	6.45	ng	# 33
60) 4-Chlorophenyl-phenylether	9.86	204	132	Below Cal		# 10
66) 4-Bromophenyl-phenylether	10.37	248	10972	4.21	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.36	276	111	3.34	ng	# 44

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

ALS Vial : 17 Sample Multiplier: 1

Response via : Initial Calibration

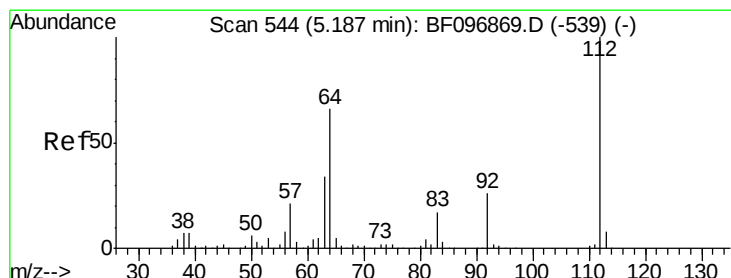
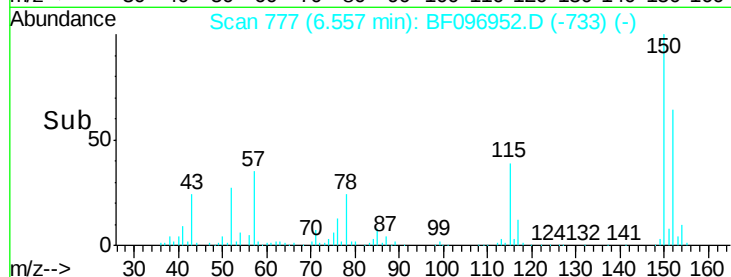
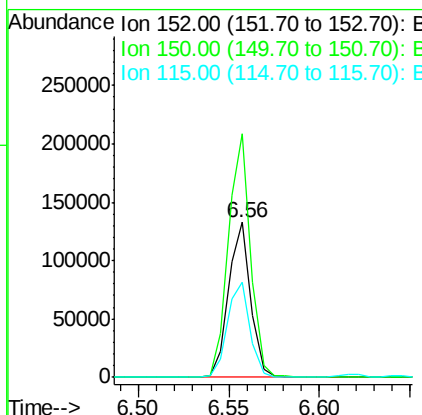
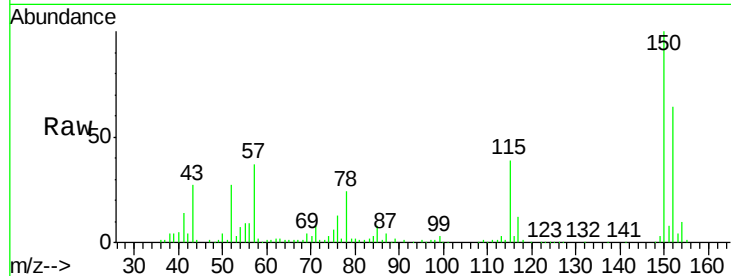




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 777
 Delta R.T. -0.04 min
 Lab File: BF096952.D
 Acq: 21 Jul 2017 19:03

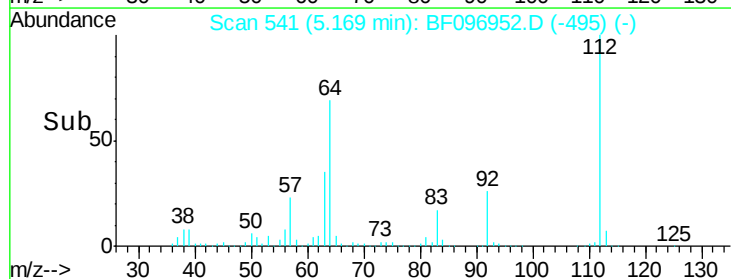
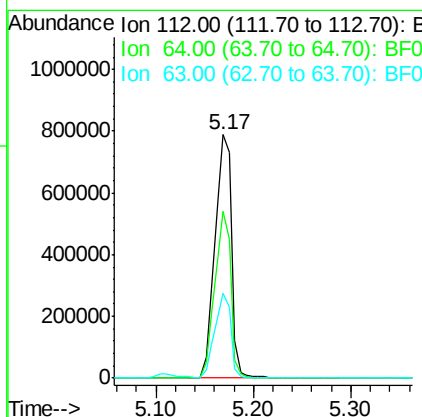
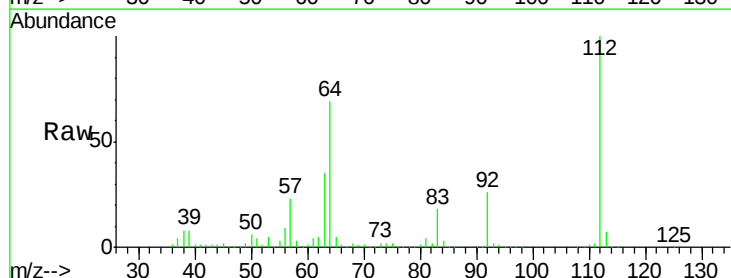
Instrument :
 BNA_F
 ClientSampleId :
 SB-11D1011

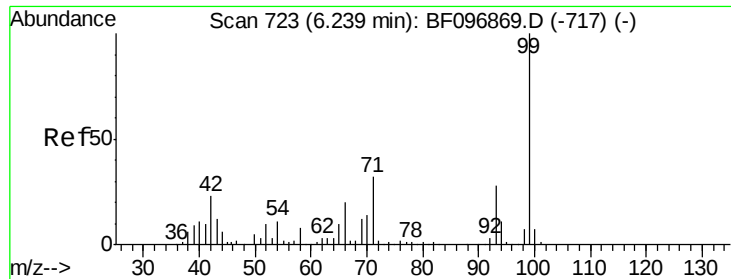
Tgt Ion:152 Resp: 112680
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.2 189.2
 115 61.1 52.2 78.2



#5
 2-Fluorophenol
 Concen: 124.40 ng
 RT: 5.17 min Scan# 541
 Delta R.T. -0.03 min
 Lab File: BF096952.D
 Acq: 21 Jul 2017 19:03

Tgt Ion:112 Resp: 932278
 Ion Ratio Lower Upper
 112 100
 64 68.5 46.0 69.0
 63 34.9 23.4 35.0





#7

Phenol-d6

Concen: 122.73 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF096952.D

Acq: 21 Jul 2017 19:03

Instrument :

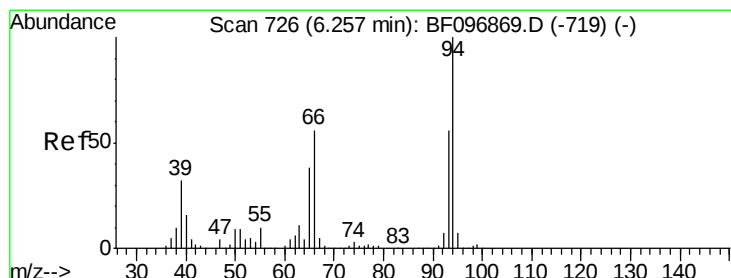
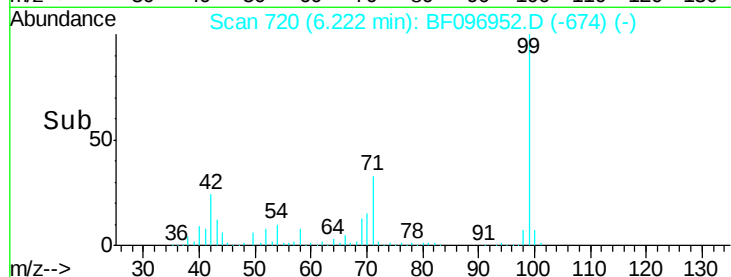
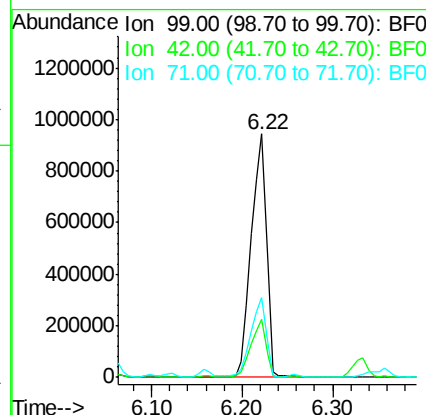
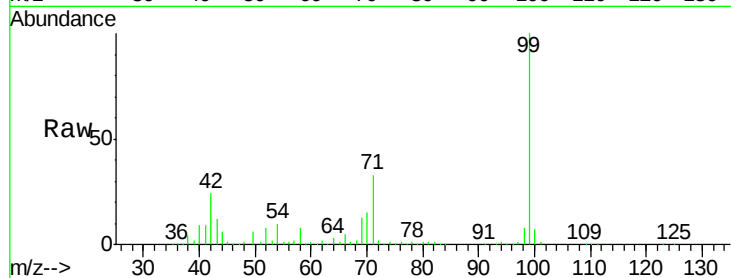
BNA_F

ClientSampleId :

SB-11D1011

Tgt Ion: 99 Resp: 1103683

Ion	Ratio	Lower	Upper
99	100		
42	23.8	13.5	20.3#
71	32.9	24.5	36.7



#10

Phenol

Concen: 6.21 ng

RT: 6.23 min Scan# 722

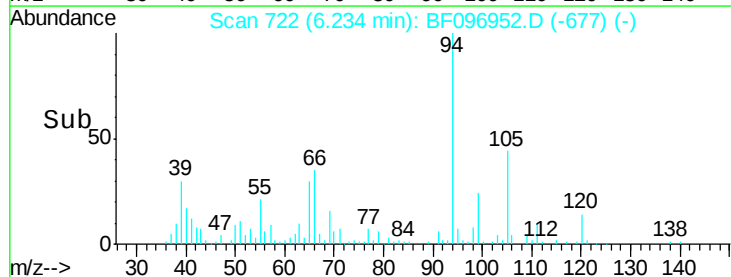
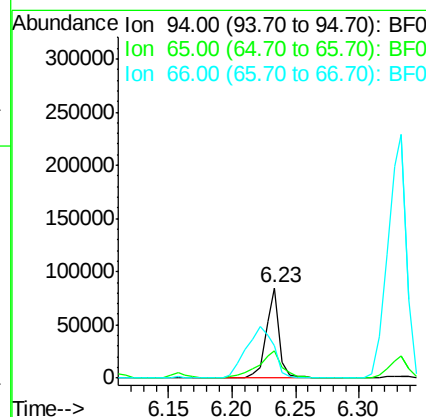
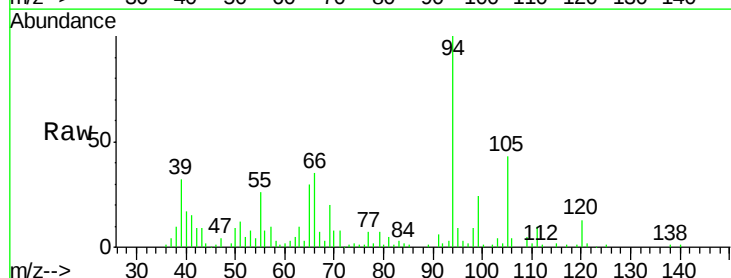
Delta R.T. -0.04 min

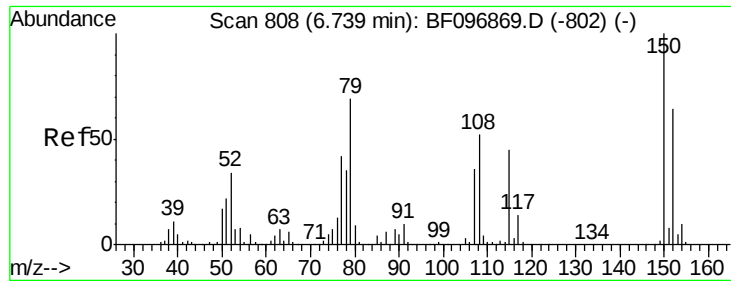
Lab File: BF096952.D

Acq: 21 Jul 2017 19:03

Tgt Ion: 94 Resp: 63177

Ion	Ratio	Lower	Upper
94	100		
65	30.0	9.9	49.9
66	35.1	23.1	63.1

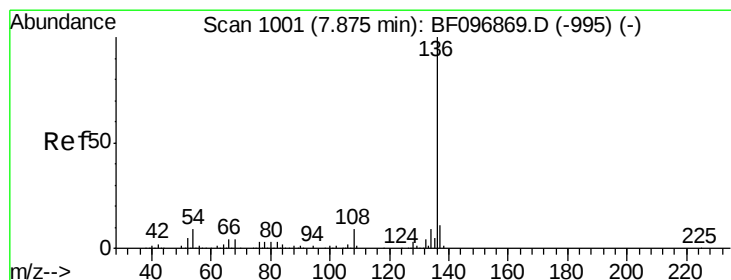
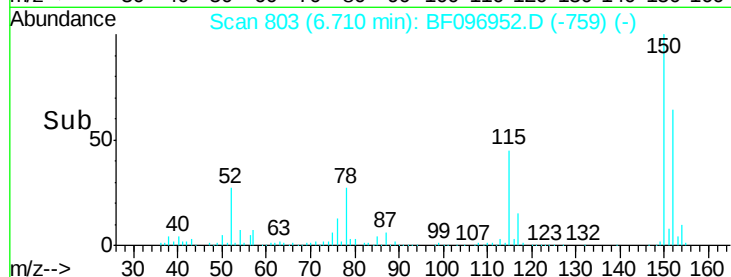
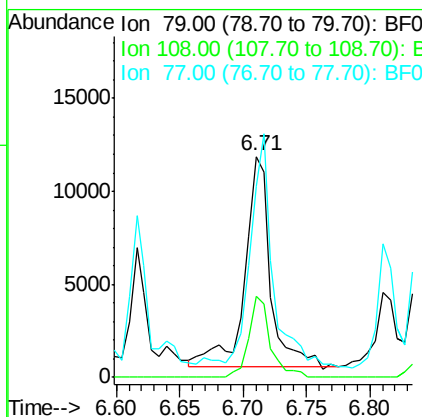
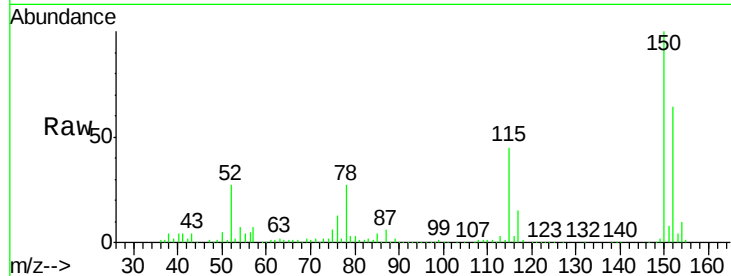




#15
Benzyl Alcohol
Concen: 2.71 ng
RT: 6.71 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF096952.D
Acq: 21 Jul 2017 19:03

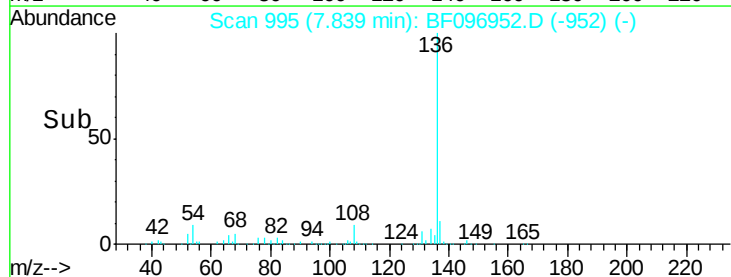
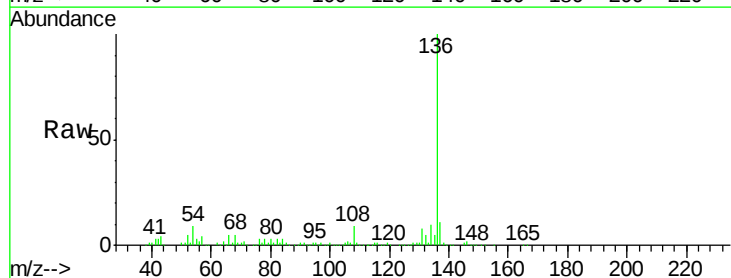
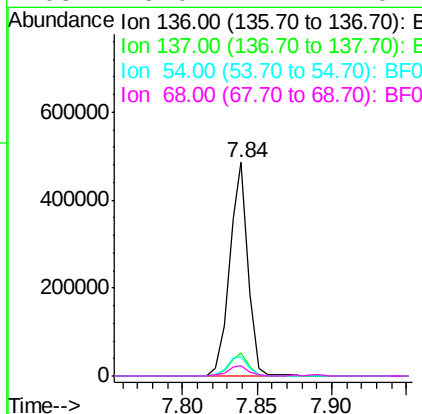
Instrument :
BNA_F
ClientSampleId :
SB-11D1011

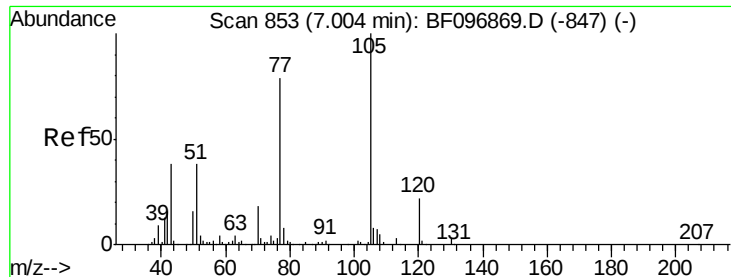
Tgt Ion: 79 Resp: 15954
Ion Ratio Lower Upper
79 100
108 36.5 63.4 95.0#
77 86.3 49.2 73.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 995
Delta R.T. -0.05 min
Lab File: BF096952.D
Acq: 21 Jul 2017 19:03

Tgt Ion: 136 Resp: 421409
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.1 4.9 7.3#
68 5.0 4.1 6.1





#22

Acetophenone

Concen: 5.61 ng

RT: 6.96 min Scan# 845

Delta R.T. -0.06 min

Lab File: BF096952.D

Acq: 21 Jul 2017 19:03

Instrument :

BNA_F

ClientSampleId :

SB-11D1011

Tgt Ion:105 Resp: 52794

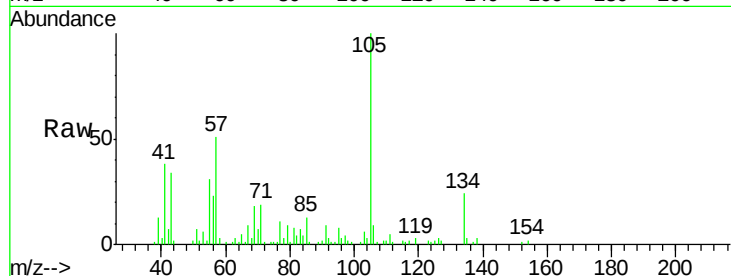
Ion Ratio Lower Upper

105 100

71 19.5 2.8 4.2#

51 7.1 30.7 46.1#

120 0.0 17.4 26.0#



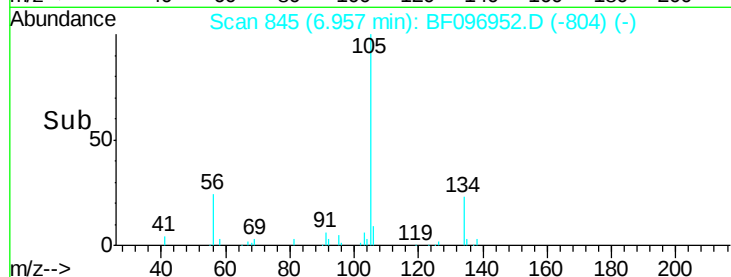
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



Abundance

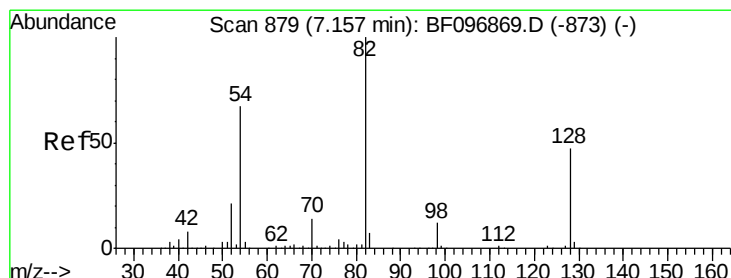
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



#23

Nitrobenzene-d5

Concen: 90.25 ng

RT: 7.12 min Scan# 873

Delta R.T. -0.05 min

Lab File: BF096952.D

Acq: 21 Jul 2017 19:03

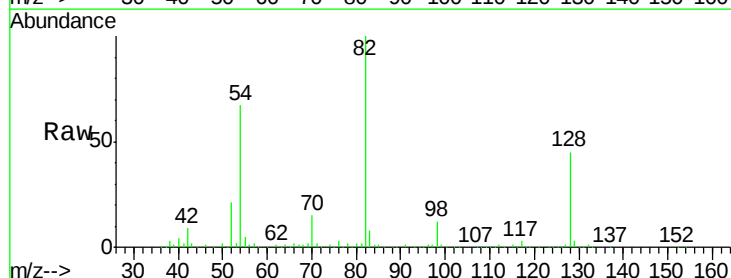
Tgt Ion: 82 Resp: 614036

Ion Ratio Lower Upper

82 100

128 44.9 34.0 51.0

54 67.0 42.2 63.2#

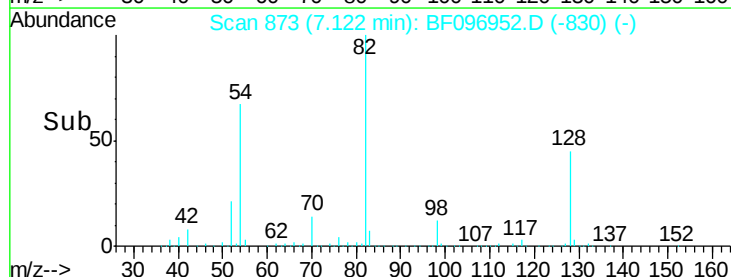


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



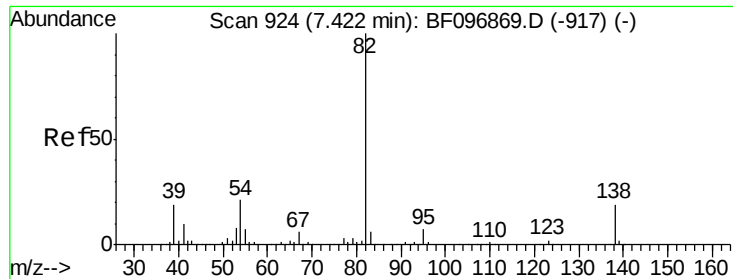
Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



#25

Isophorone

Concen: 46.80 ng

RT: 7.12 min Scan# 873

Delta R.T. -0.31 min

Lab File: BF096952.D

Acq: 21 Jul 2017 19:03

Instrument :

BNA_F

ClientSampleId :

SB-11D1011

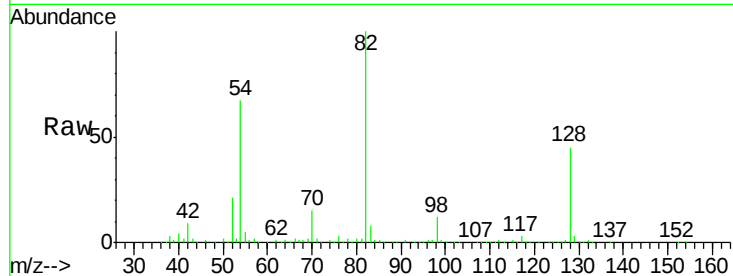
Tgt Ion: 82 Resp: 592268

Ion Ratio Lower Upper

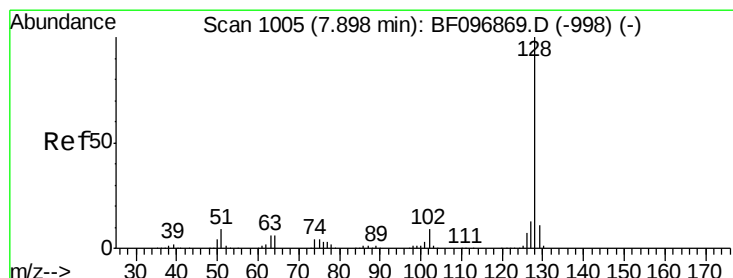
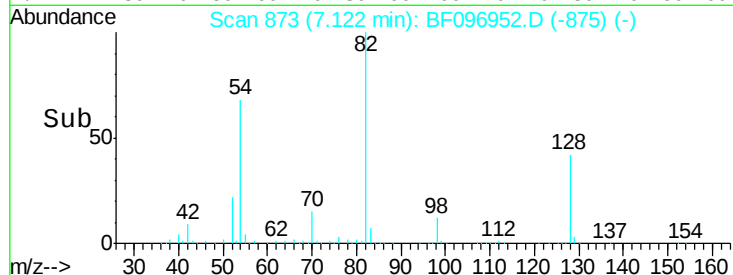
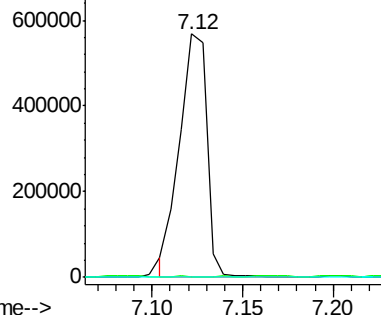
82 100

95 0.4 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 2.82 ng

RT: 7.86 min Scan# 998

Delta R.T. -0.05 min

Lab File: BF096952.D

Acq: 21 Jul 2017 19:03

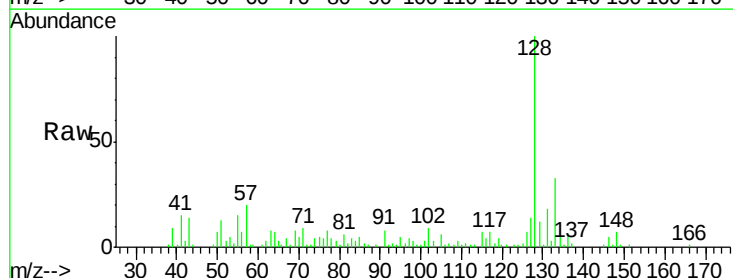
Tgt Ion: 128 Resp: 56335

Ion Ratio Lower Upper

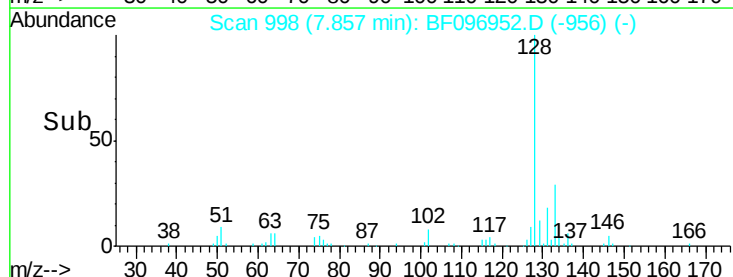
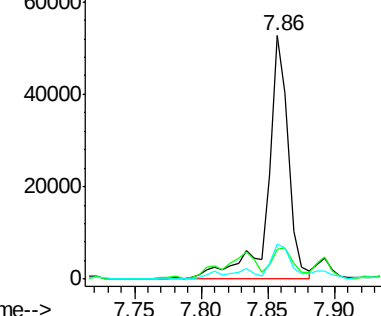
128 100

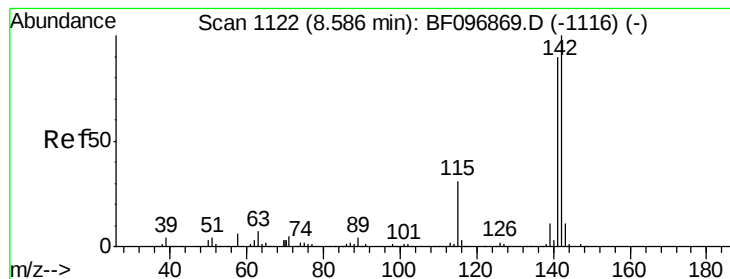
129 12.3 9.0 13.6

127 14.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 2.61 ng

RT: 8.55 min Scan# 1116

Delta R.T. -0.05 min

Lab File: BF096952.D

Acq: 21 Jul 2017 19:03

Instrument :

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SB-11D1011

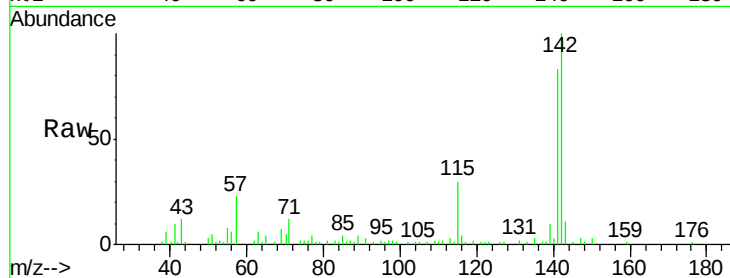
Tgt Ion:142 Resp: 33201

Ion Ratio Lower Upper

142 100

141 83.1 71.3 106.9

115 30.2 27.1 40.7

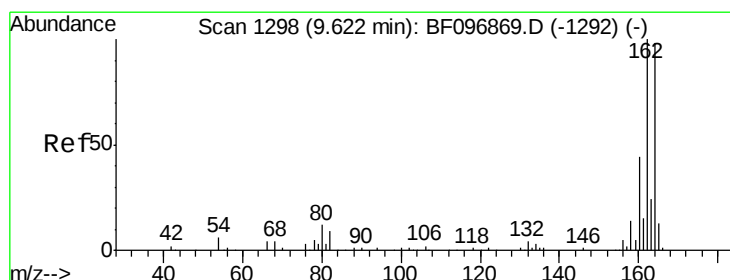
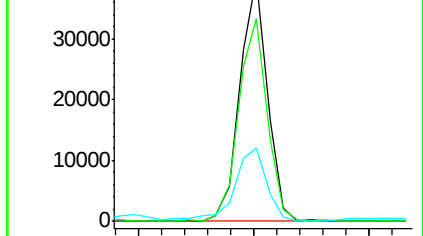
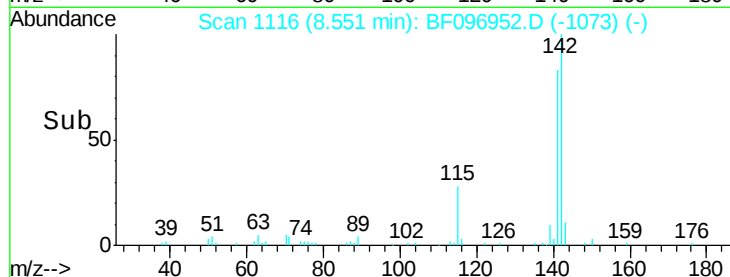


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 1292

Delta R.T. -0.05 min

Lab File: BF096952.D

Acq: 21 Jul 2017 19:03

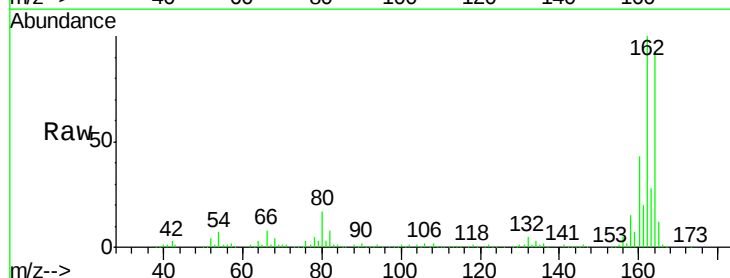
Tgt Ion:164 Resp: 180617

Ion Ratio Lower Upper

164 100

162 107.2 82.6 123.8

160 45.9 36.2 54.2

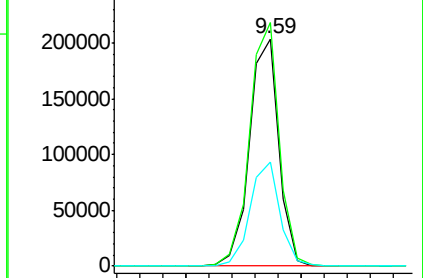
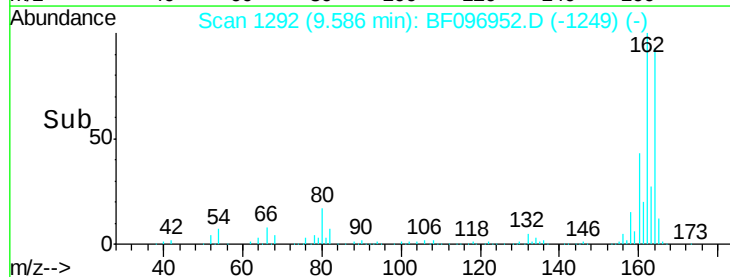


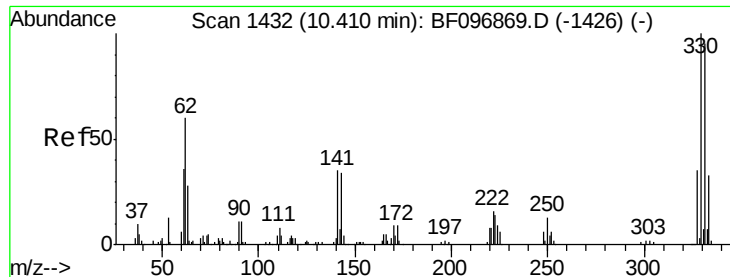
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->





#41

2,4,6-Tribromophenol

Concen: 114.44 ng

RT: 10.37 min Scan# 1426

Delta R.T. -0.05 min

Lab File: BF096952.D

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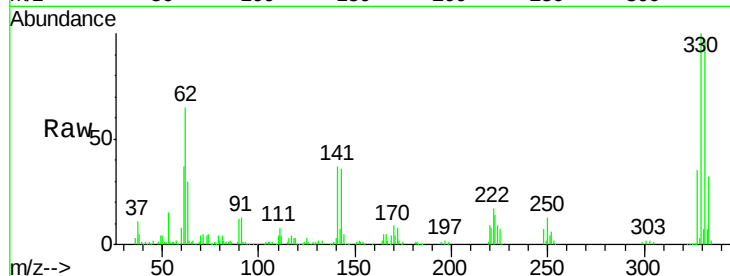
Tgt Ion:330 Resp: 176430

Ion Ratio Lower Upper

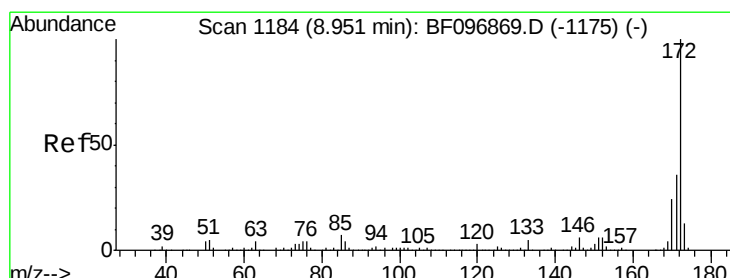
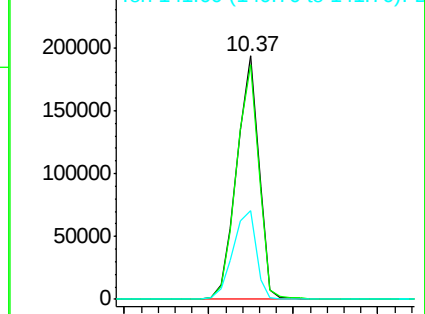
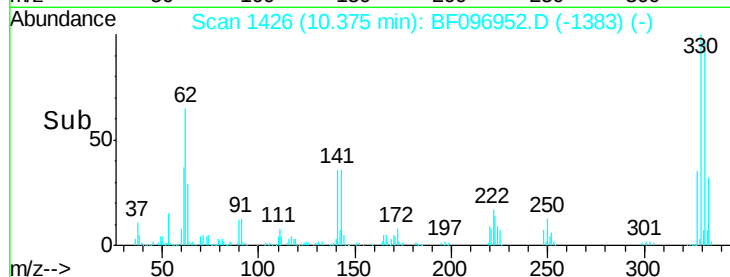
330 100

332 97.0 76.6 115.0

141 38.1 31.4 47.2



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: 64.66 ng

RT: 8.92 min Scan# 1178

Delta R.T. -0.05 min

Lab File: BF096952.D

Acq: 21 Jul 2017 19:03

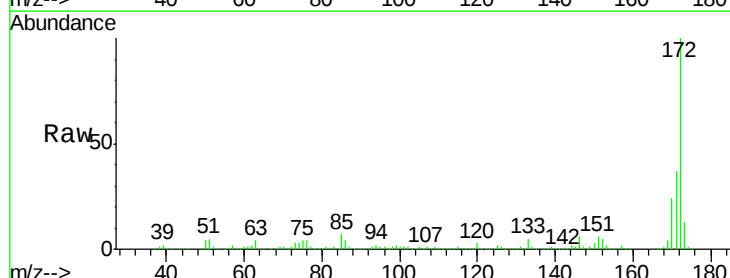
Tgt Ion:172 Resp: 739147

Ion Ratio Lower Upper

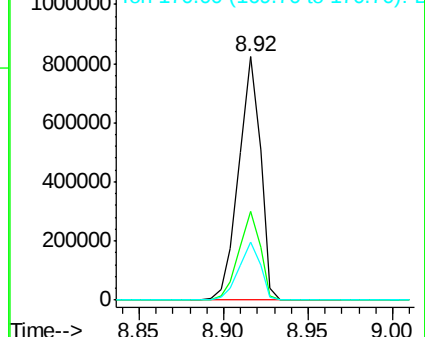
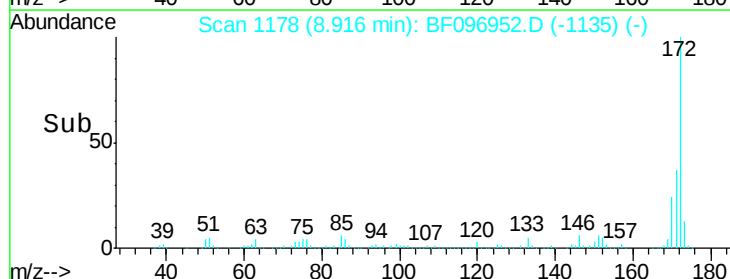
172 100

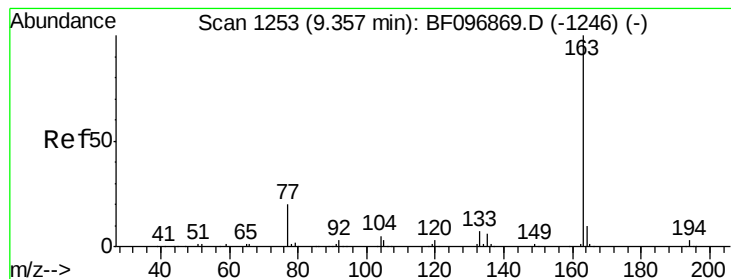
171 36.6 29.6 44.4

170 24.0 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 14.06 ng

RT: 9.32 min Scan# 1246

Delta R.T. -0.05 min

Lab File: BF096952.D

Acq: 21 Jul 2017 19:03

Instrument :

BNA_F

ClientSampleId :

SB-11D1011

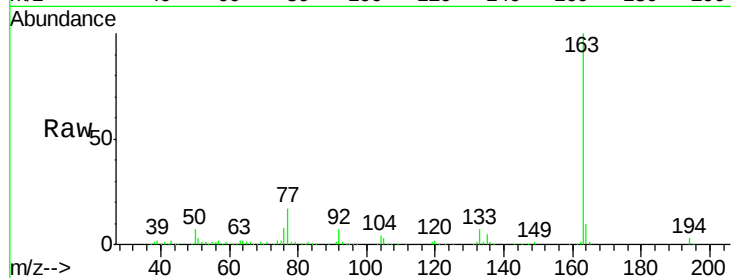
Tgt Ion:163 Resp: 191170

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

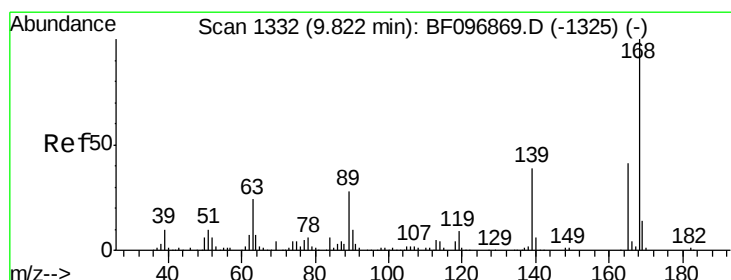
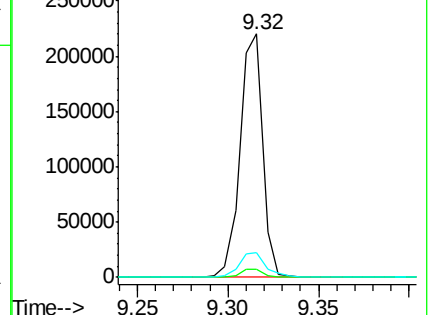
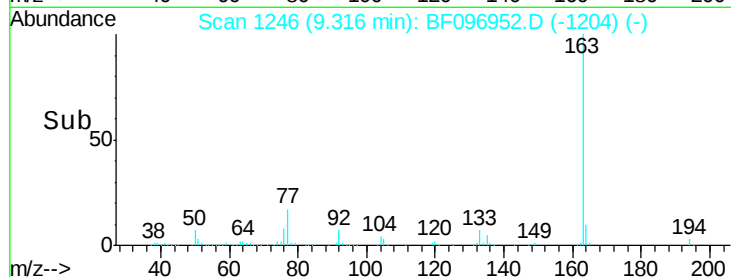
164 10.2 8.4 12.6



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: 6.45 ng

RT: 9.59 min Scan# 1292

Delta R.T. -0.24 min

Lab File: BF096952.D

Acq: 21 Jul 2017 19:03

Tgt Ion:165 Resp: 24397

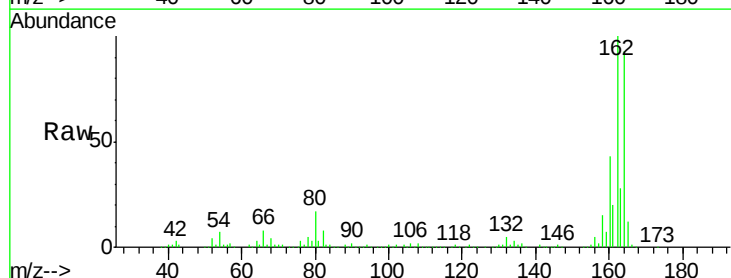
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.8 46.4 69.6#

182 0.0 1.8 2.6#

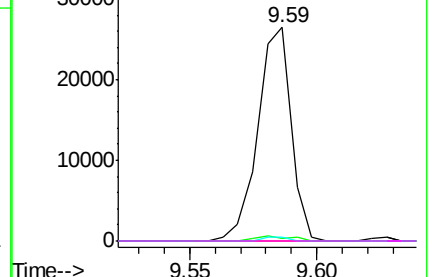
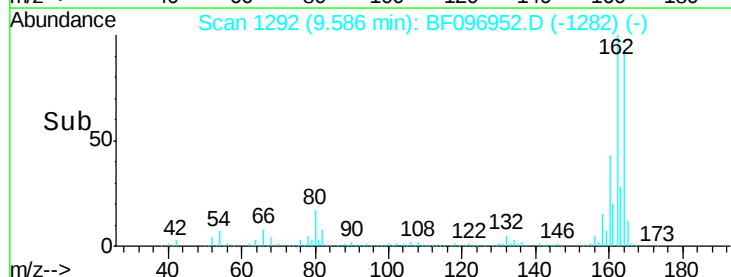


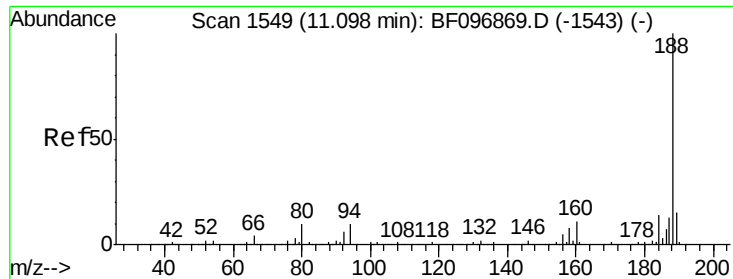
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

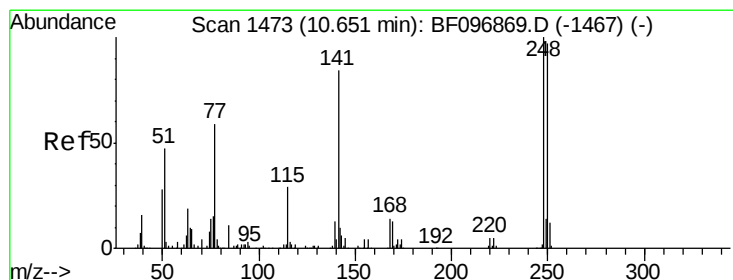
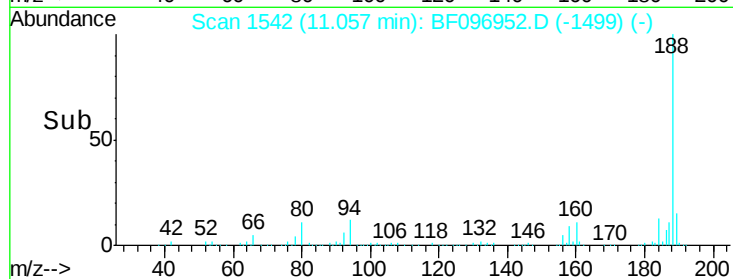
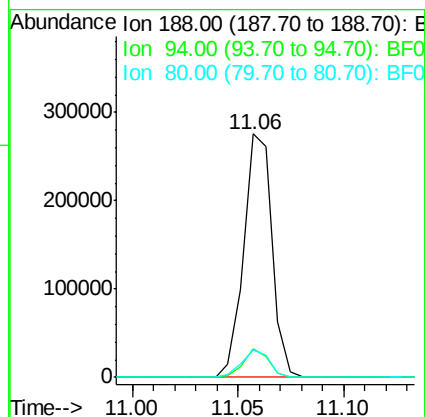
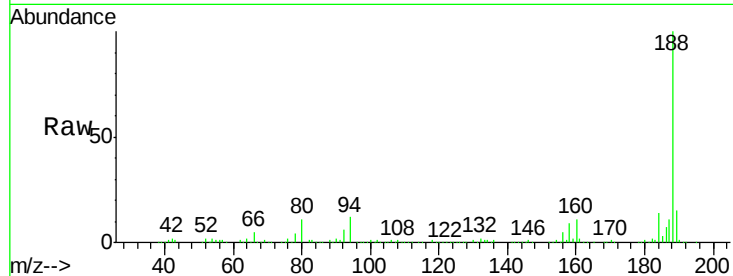




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 1542
Delta R.T. -0.05 min
Lab File: BF096952.D
Acq: 21 Jul 2017 19:03

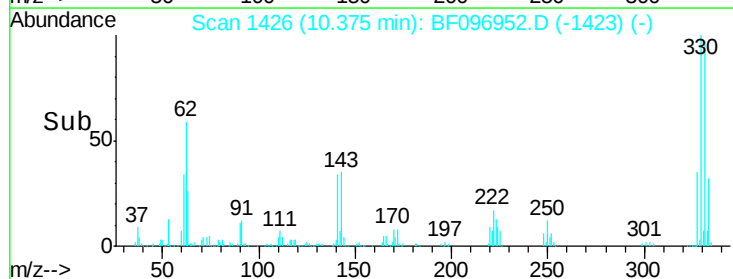
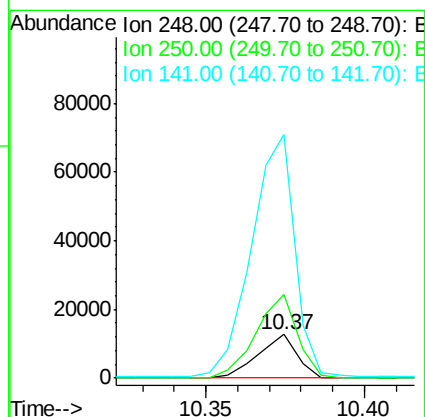
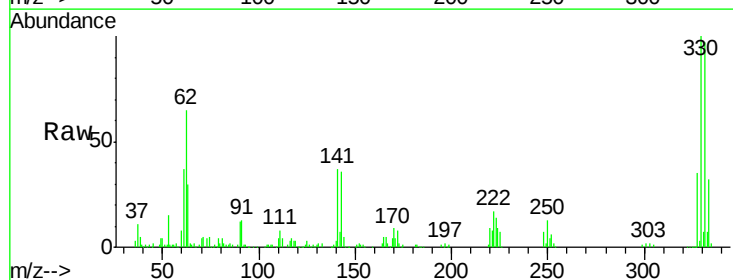
Instrument :
BNA_F
ClientSampleId :
SB-11D1011

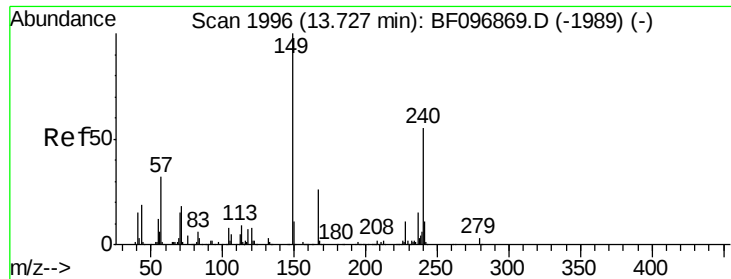
Tgt Ion:188 Resp: 255468
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 11.5 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 4.21 ng
RT: 10.37 min Scan# 1426
Delta R.T. -0.28 min
Lab File: BF096952.D
Acq: 21 Jul 2017 19:03

Tgt Ion:248 Resp: 10972
Ion Ratio Lower Upper
248 100
250 194.1 76.8 115.2#
141 562.1 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1989

Delta R.T. -0.05 min

Lab File: BF096952.D

Acq: 21 Jul 2017 19:03

Instrument :

BNA_F

ClientSampleId :

SB-11D1011

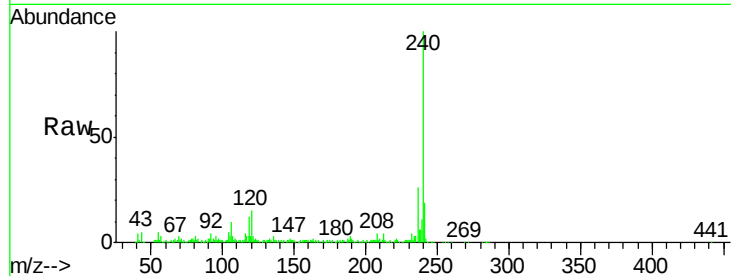
Tgt Ion:240 Resp: 197551

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

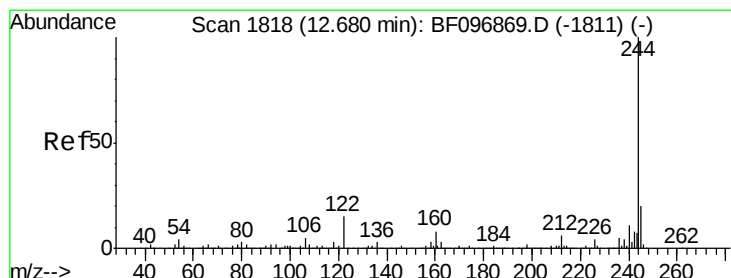
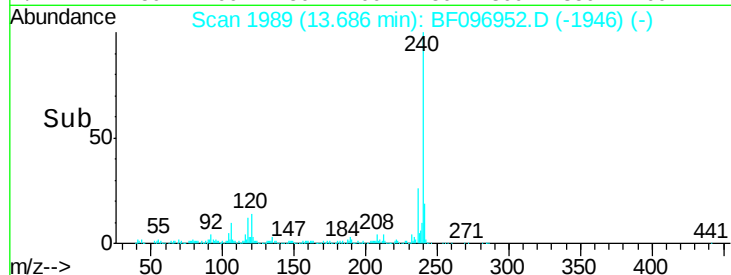
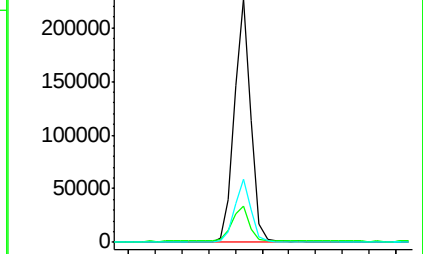
236 25.7 20.5 30.7



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: 34.38 ng

RT: 12.65 min Scan# 1812

Delta R.T. -0.05 min

Lab File: BF096952.D

Acq: 21 Jul 2017 19:03

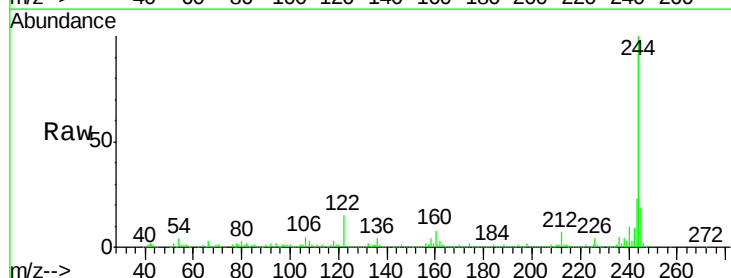
Tgt Ion:244 Resp: 391679

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

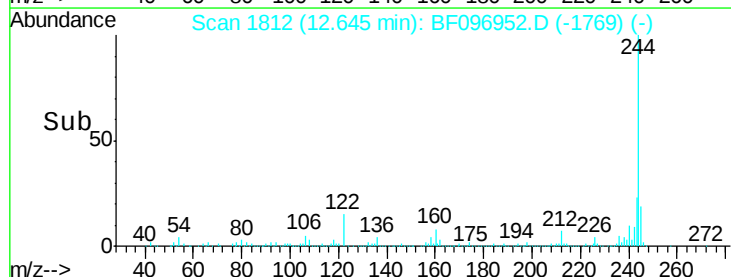
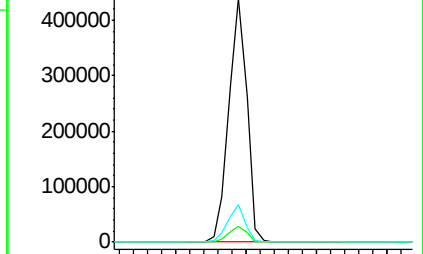
122 15.3 10.3 15.5

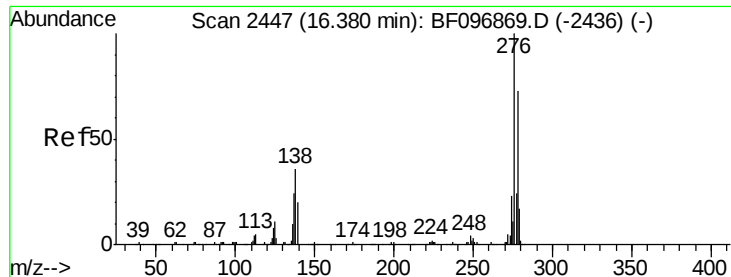


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

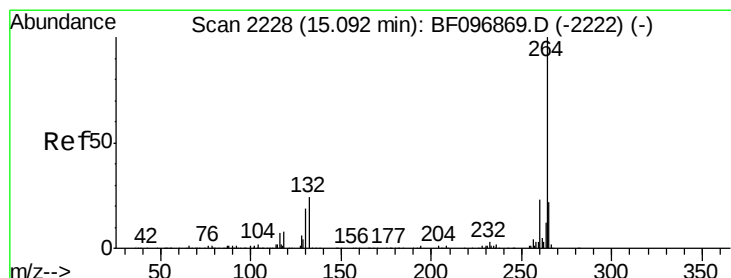
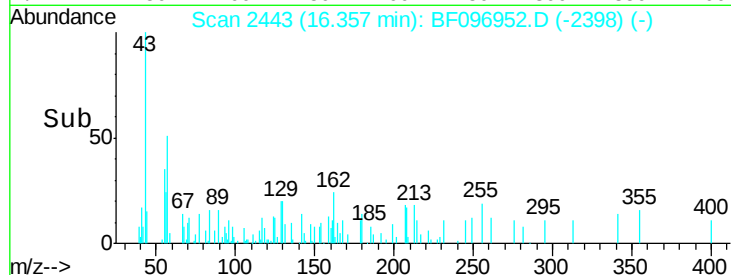
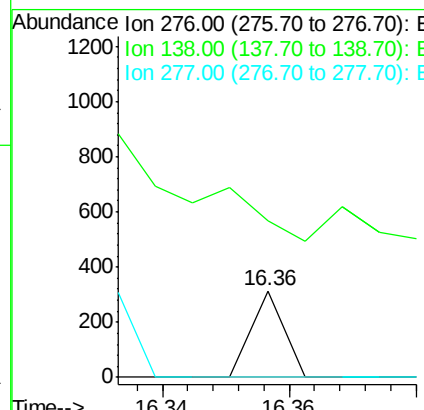
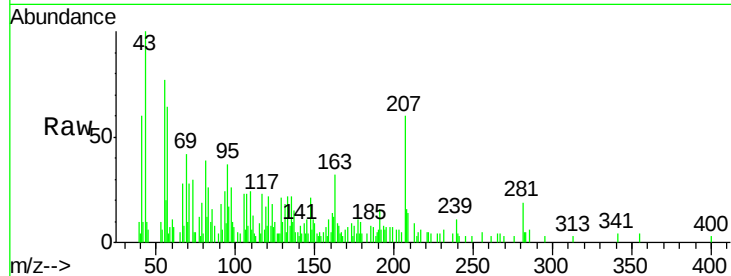




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.34 ng
 RT: 16.36 min Scan# 2443
 Delta R.T. -0.04 min
 Lab File: BF096952.D
 Acq: 21 Jul 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-11D1011

Tgt Ion: 276 Resp: 111
 Ion Ratio Lower Upper
 276 100
 138 0.0 27.8 41.6#
 277 0.0 20.2 30.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: BF096952.D
 Acq: 21 Jul 2017 19:03

Tgt Ion: 264 Resp: 177309
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 20.5 17.2 25.8

