

Data File : BF096908.D
Acq On : 20 Jul 2017 16:22
Operator : SJ/JU
Sample : PB100793BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB100793BL

Quant Time: Jul 21 03:25:05 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	6.57	152	92092	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	419723	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	164066	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	327409	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	244692	20.00	ng	-0.04
86) Perylene-d12	15.07	264	154048	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	777864	127.00	ng	-0.02
7) Phenol-d6	6.22	99	970359	132.02	ng	-0.03
23) Nitrobenzene-d5	7.13	82	603987	89.13	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	208087	148.59	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	1066975	102.75	ng	-0.03
78) Terphenyl-d14	12.66	244	880223	62.39	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.72	79	9744	2.02	ng	# 36
19) n-Nitroso-di-n-propylamine	7.13	70	79297	17.91	ng	# 87
25) Isophorone	7.13	82	562334	44.61	ng	# 67
49) Dimethylphthalate	9.60	163	48879	3.96	ng	# 1
50) 2,6-Dinitrotoluene	9.60	165	20712	7.74	ng	# 33
56) 2,4-Dinitrotoluene	9.60	165	20712	6.02	ng	# 32
66) 4-Bromophenyl-phenylether	10.39	248	12360	3.70	ng	# 1

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

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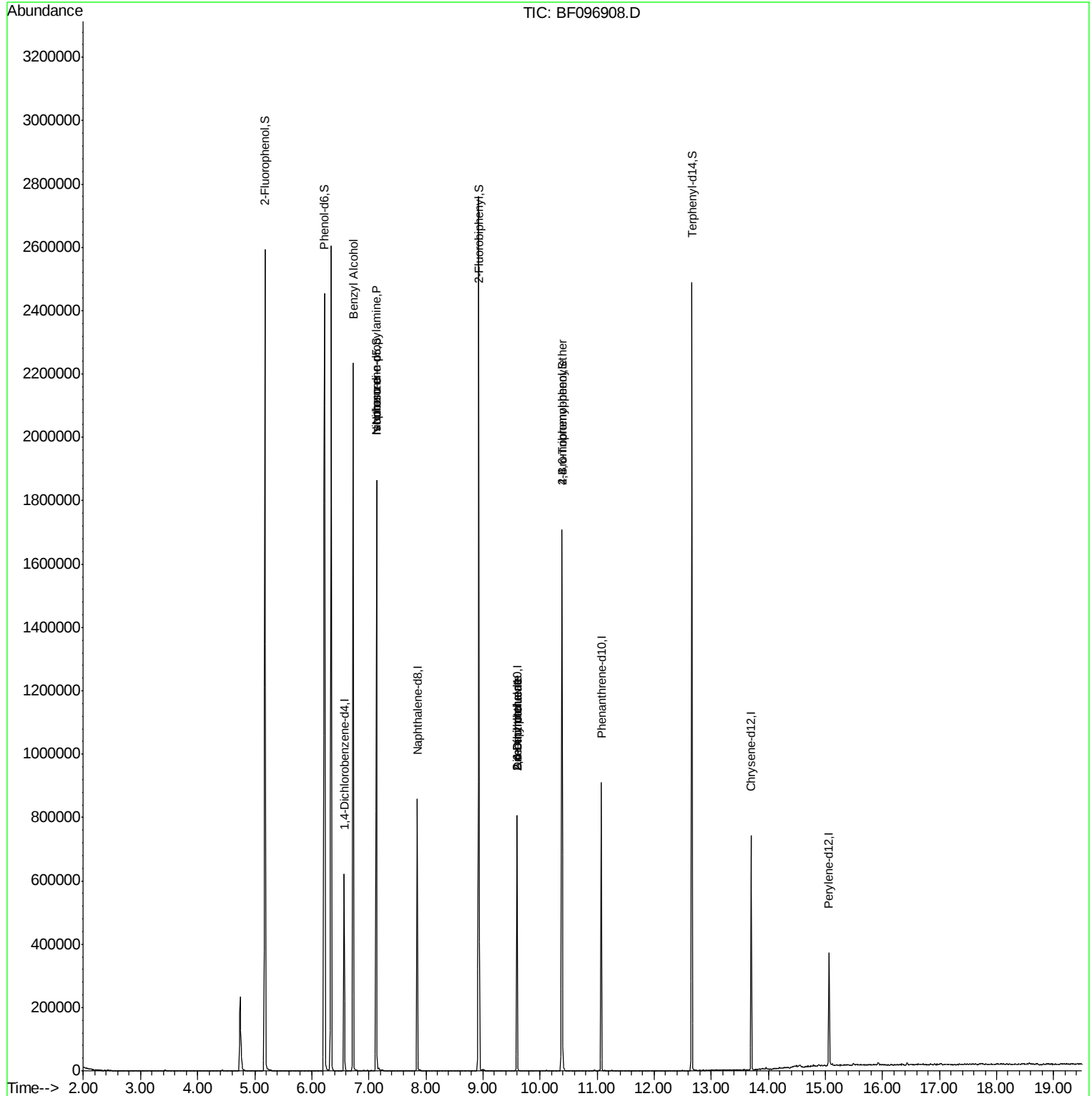
Quant Time: Jul 21 03:25:05 2017

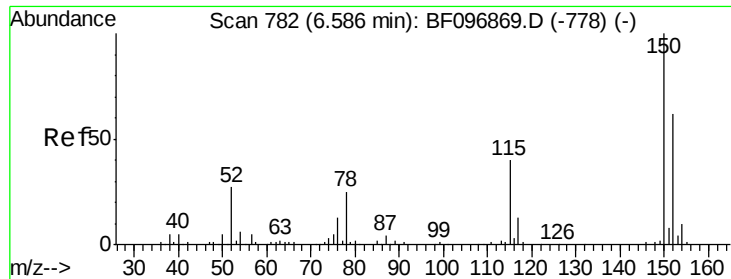
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration

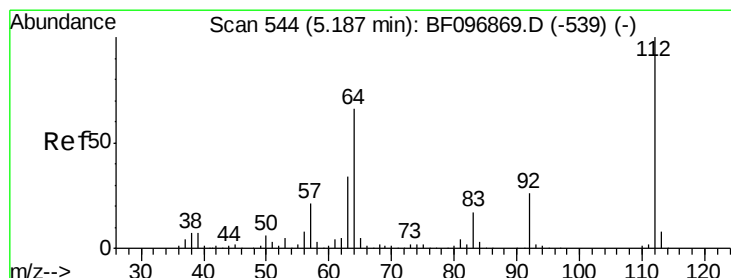
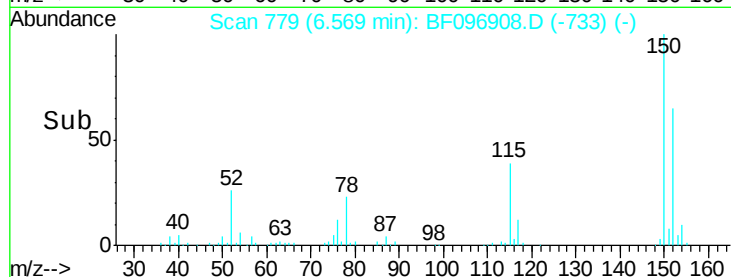
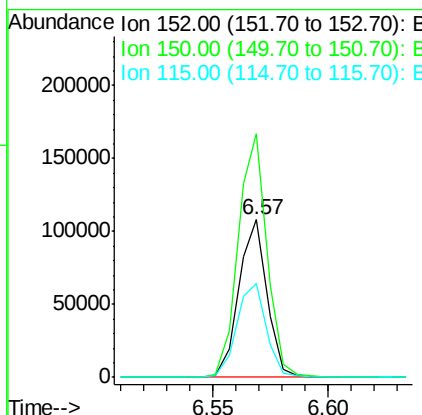
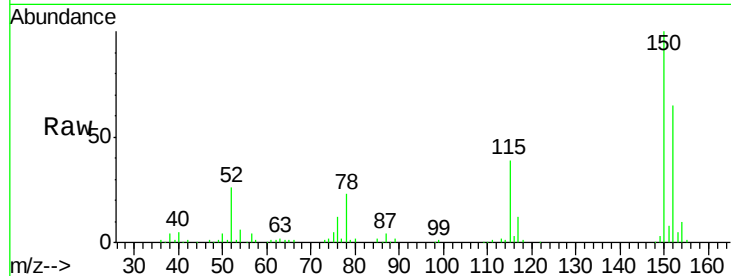




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.57 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF096908.D
 Acq: 20 Jul 2017 16:22

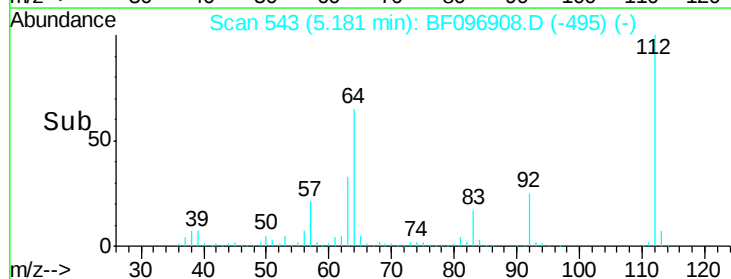
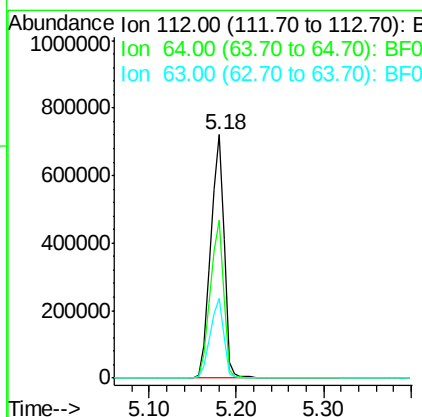
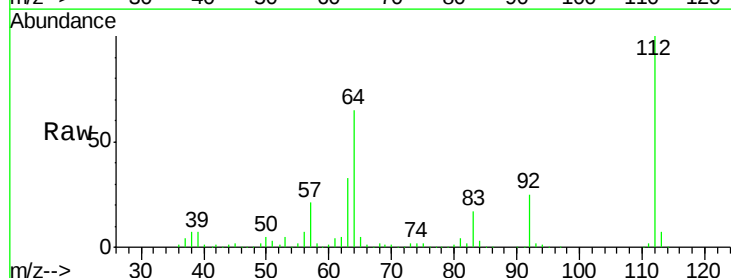
Instrument :
 BNA_F
 ClientSampleId :
 PB100793BL

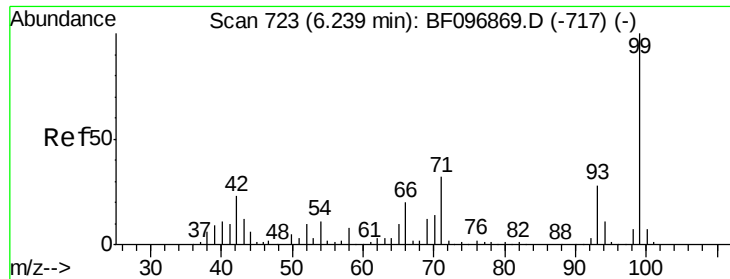
Tgt Ion:152 Resp: 92092
 Ion Ratio Lower Upper
 152 100
 150 154.3 126.2 189.2
 115 59.8 52.2 78.2



#5
 2-Fluorophenol
 Concen: 127.00 ng
 RT: 5.18 min Scan# 543
 Delta R.T. -0.02 min
 Lab File: BF096908.D
 Acq: 20 Jul 2017 16:22

Tgt Ion:112 Resp: 777864
 Ion Ratio Lower Upper
 112 100
 64 64.9 46.0 69.0
 63 32.6 23.4 35.0





#7

Phenol-d6

Concen: 132.02 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF096908.D

Acq: 20 Jul 2017 16:22

Instrument :

BNA_F

ClientSampleId :

PB100793BL

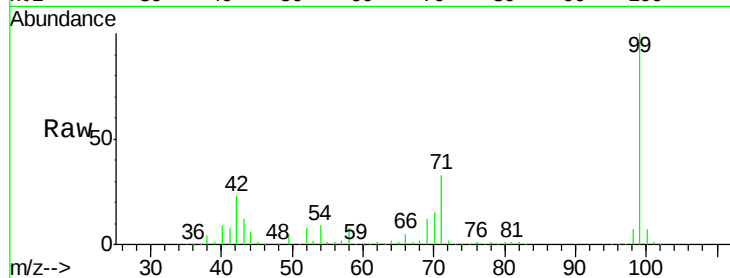
Tgt Ion: 99 Resp: 970359

Ion Ratio Lower Upper

99 100

42 22.9 13.5 20.3#

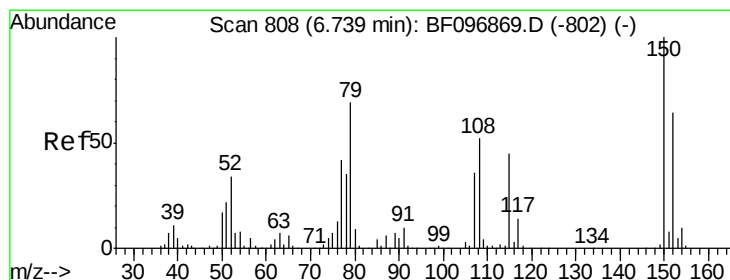
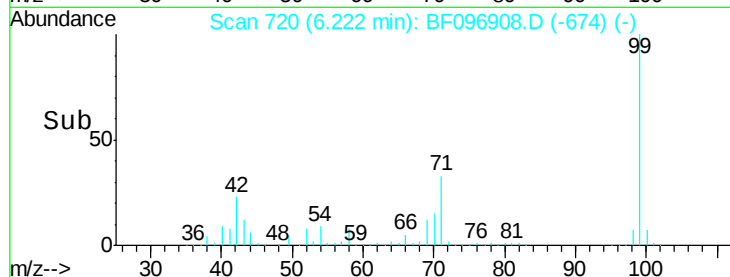
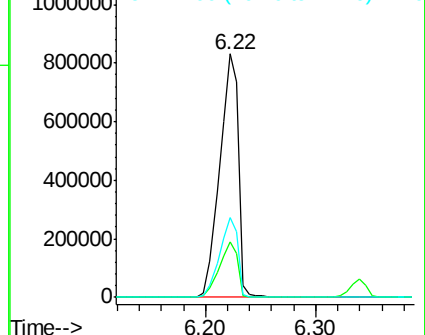
71 33.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.72 min Scan# 805

Delta R.T. -0.03 min

Lab File: BF096908.D

Acq: 20 Jul 2017 16:22

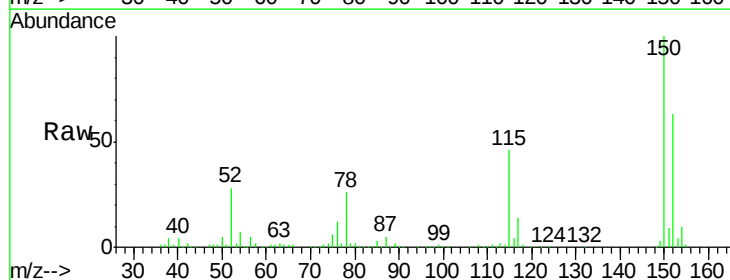
Tgt Ion: 79 Resp: 9744

Ion Ratio Lower Upper

79 100

108 26.3 63.4 95.0#

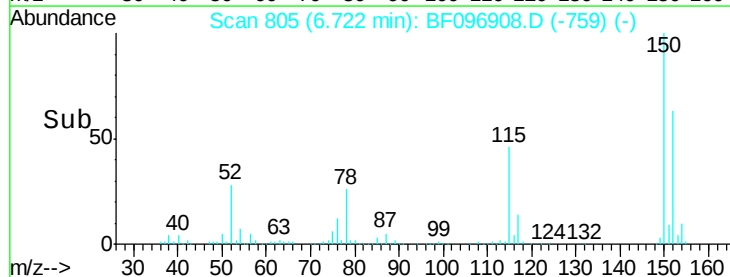
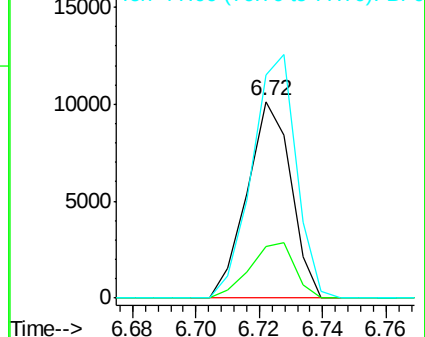
77 113.6 49.2 73.8#

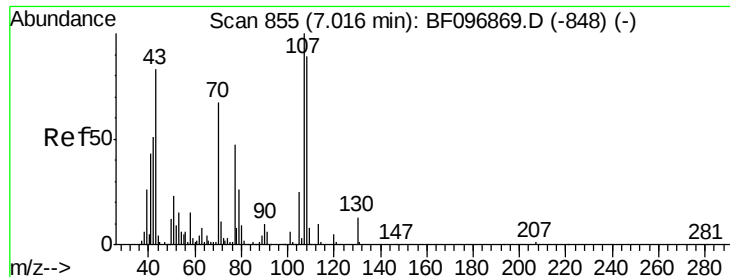


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.91 ng

RT: 7.13 min Scan# 875

Delta R.T. 0.11 min

Lab File: BF096908.D

Acq: 20 Jul 2017 16:22

Instrument :

BNA_F

ClientSampleId :

PB100793BL

Tgt Ion: 70 Resp: 79297

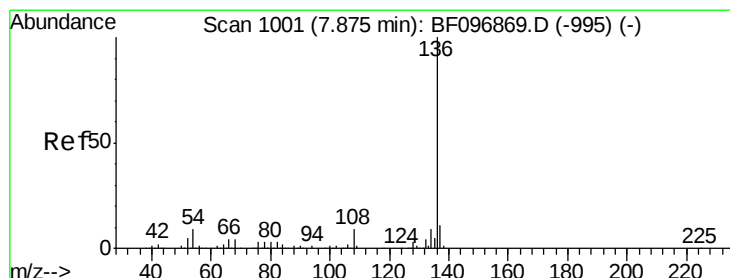
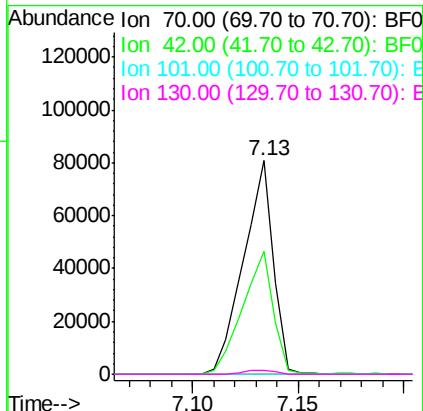
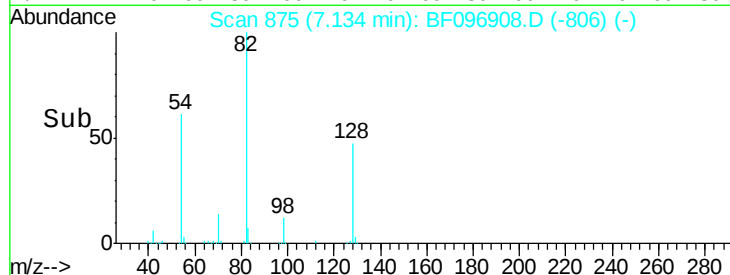
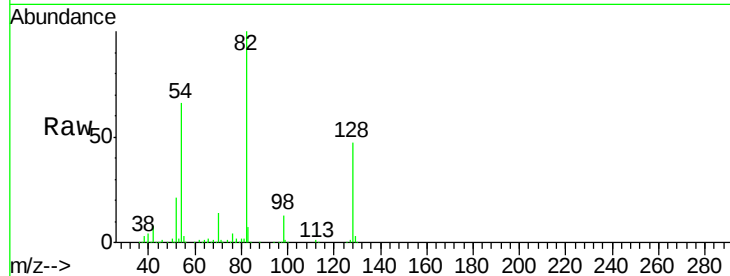
Ion Ratio Lower Upper

70 100

42 57.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF096908.D

Acq: 20 Jul 2017 16:22

Tgt Ion: 136 Resp: 419723

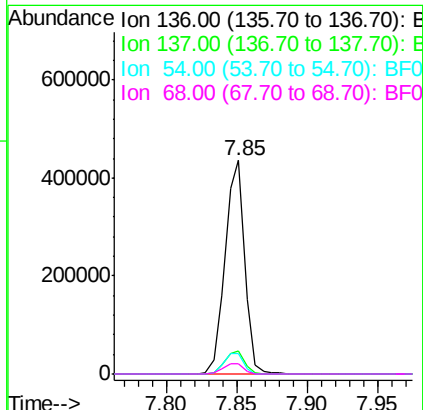
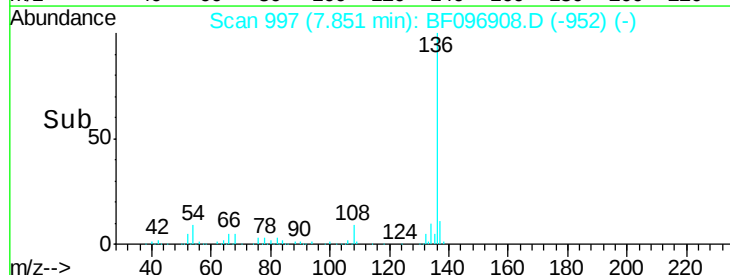
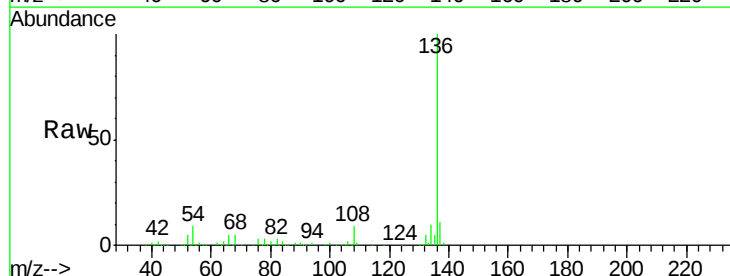
Ion Ratio Lower Upper

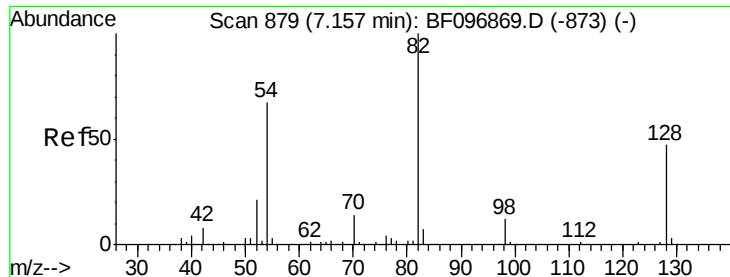
136 100

137 10.8 8.5 12.7

54 9.4 4.9 7.3#

68 4.8 4.1 6.1

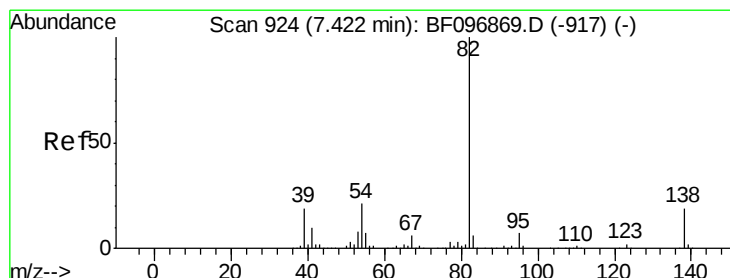
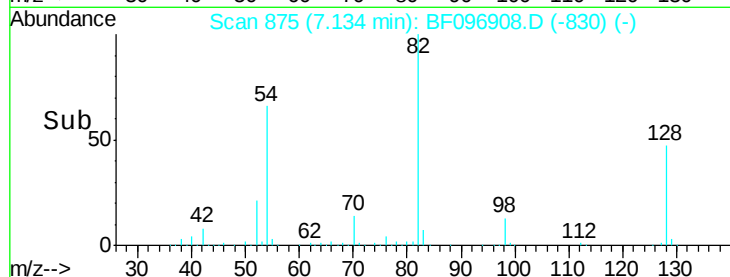
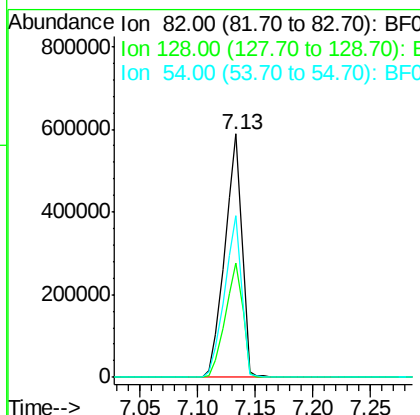
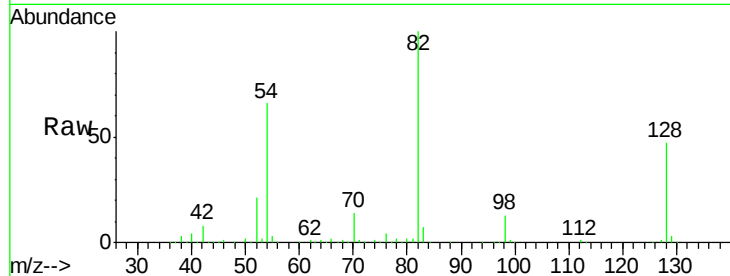




#23
Nitrobenzene-d5
Concen: 89.13 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF096908.D
Acq: 20 Jul 2017 16:22

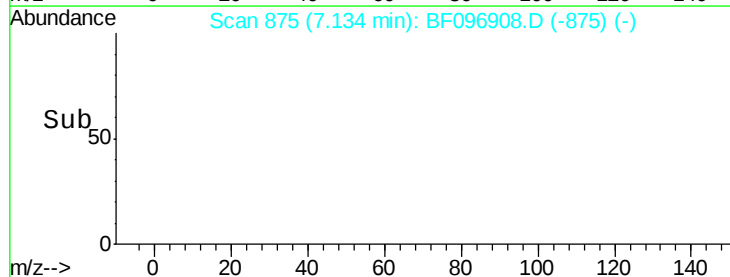
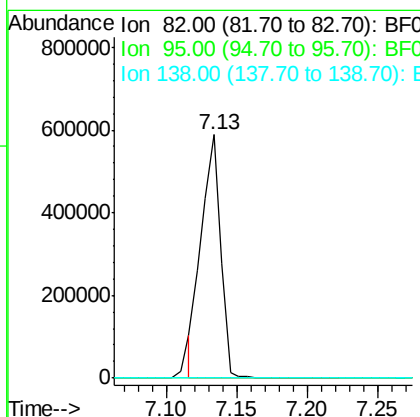
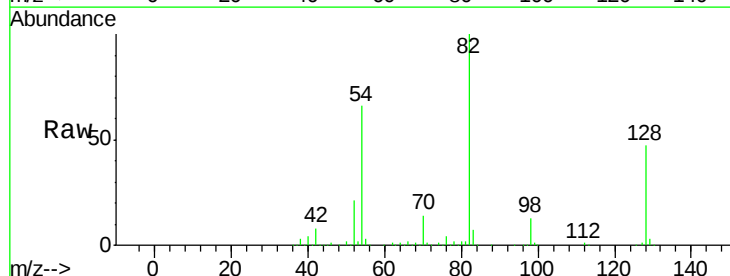
Instrument :
BNA_F
ClientSampleId :
PB100793BL

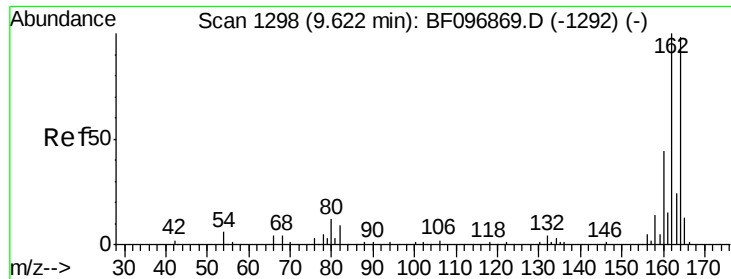
Tgt Ion: 82 Resp: 603987
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 66.4 42.2 63.2#



#25
Isophorone
Concen: 44.61 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.30 min
Lab File: BF096908.D
Acq: 20 Jul 2017 16:22

Tgt Ion: 82 Resp: 562334
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BF096908.D

Acq: 20 Jul 2017 16:22

Instrument :

BNA_F

ClientSampleId :

PB100793BL

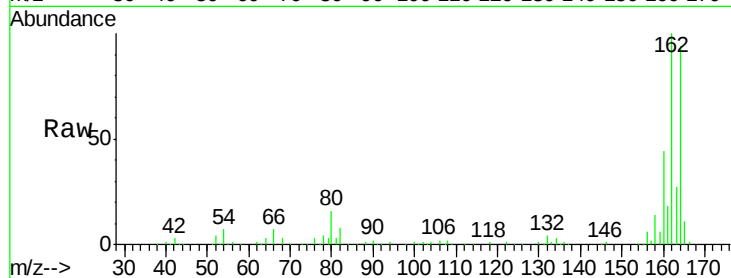
Tgt Ion:164 Resp: 164066

Ion Ratio Lower Upper

164 100

162 106.0 82.6 123.8

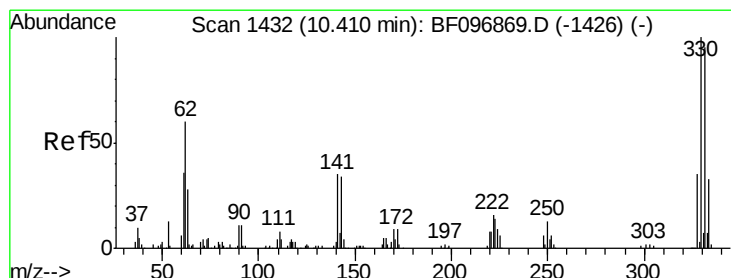
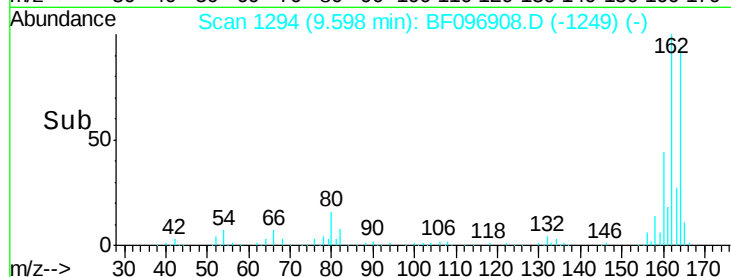
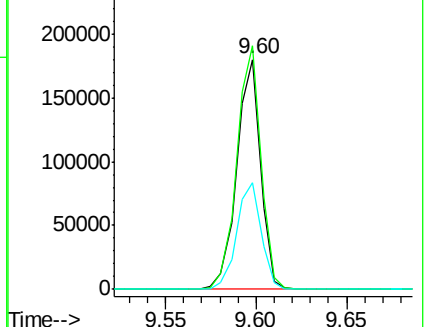
160 46.3 36.2 54.2



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



#41

2,4,6-Tribromophenol

Concen: 148.59 ng

RT: 10.39 min Scan# 1428

Delta R.T. -0.04 min

Lab File: BF096908.D

Acq: 20 Jul 2017 16:22

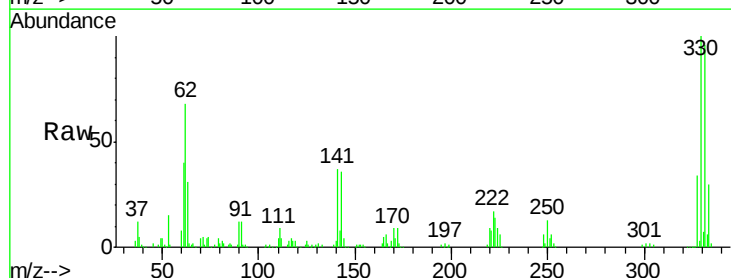
Tgt Ion:330 Resp: 208087

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

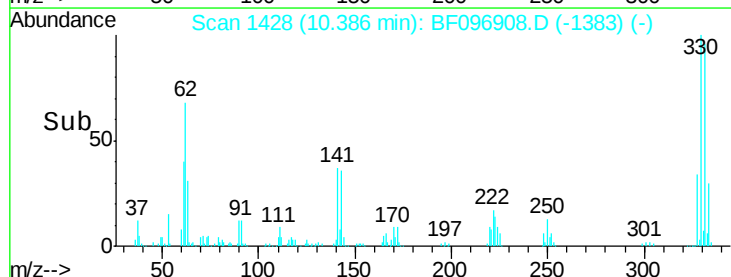
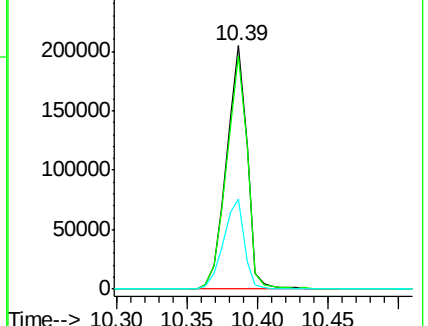
141 37.4 31.4 47.2

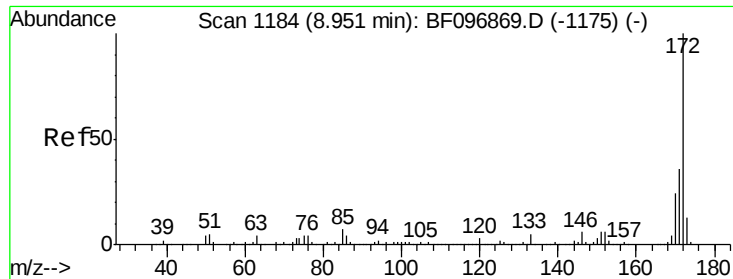


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

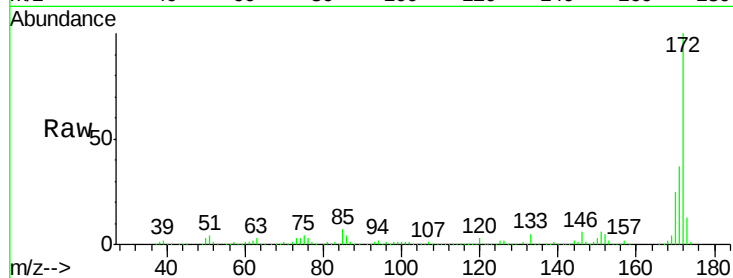




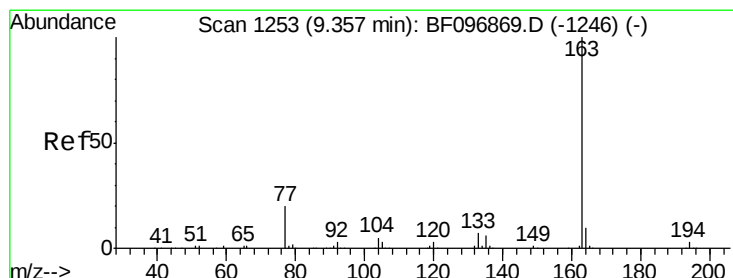
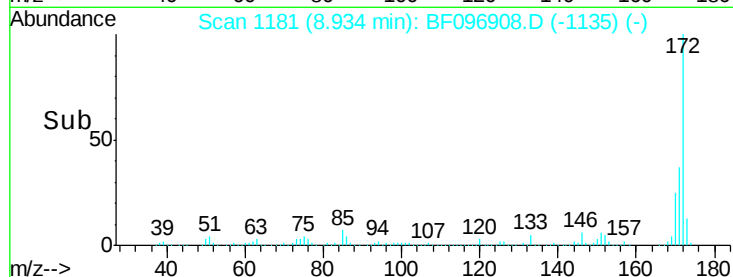
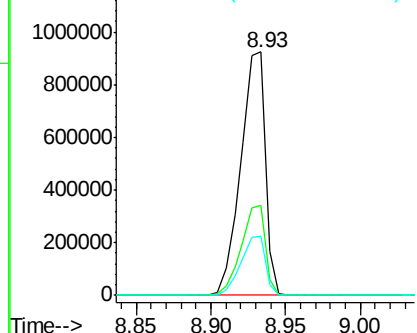
#44
2-Fluorobiphenyl
Concen: 102.75 ng
RT: 8.93 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BF096908.D
Acq: 20 Jul 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB100793BL

Tgt Ion:172 Resp: 1066975
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.6 19.8 29.8

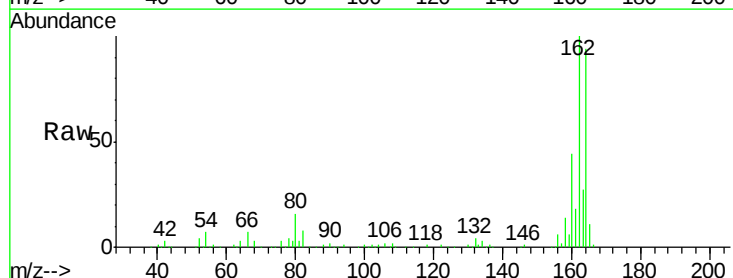


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

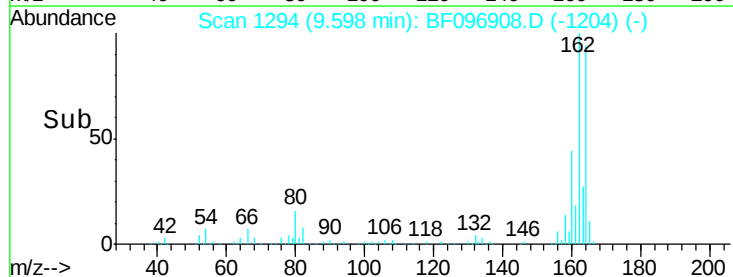
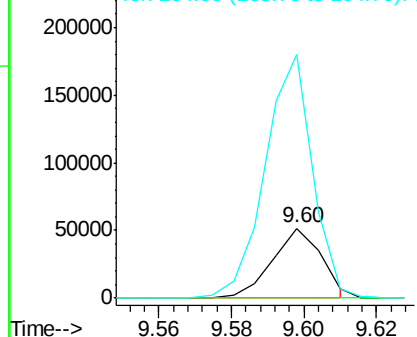


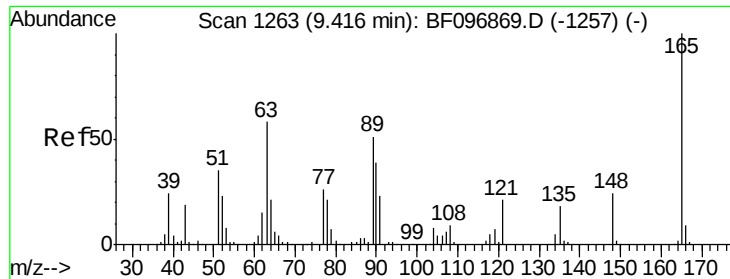
#49
Dimethylphthalate
Concen: 3.96 ng
RT: 9.60 min Scan# 1294
Delta R.T. 0.23 min
Lab File: BF096908.D
Acq: 20 Jul 2017 16:22

Tgt Ion:163 Resp: 48879
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 347.4 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

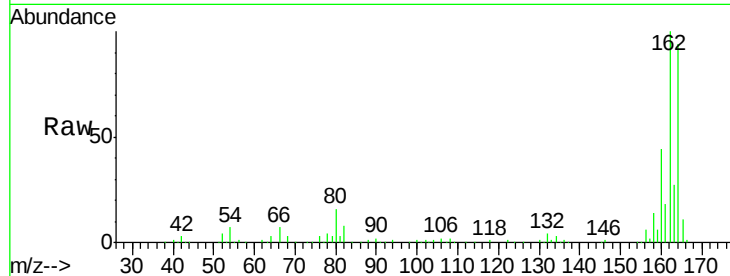




#50
 2,6-Dinitrotoluene
 Concen: 7.74 ng
 RT: 9.60 min Scan# 1294
 Delta R.T. 0.17 min
 Lab File: BF096908.D
 Acq: 20 Jul 2017 16:22

Instrument :
 BNA_F
 ClientSampled :
 PB100793BL

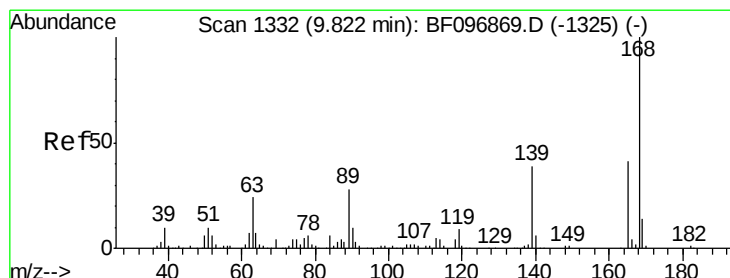
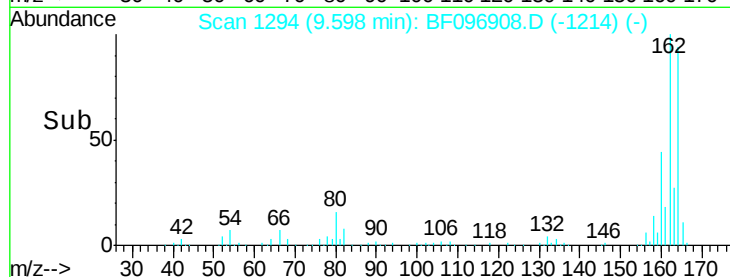
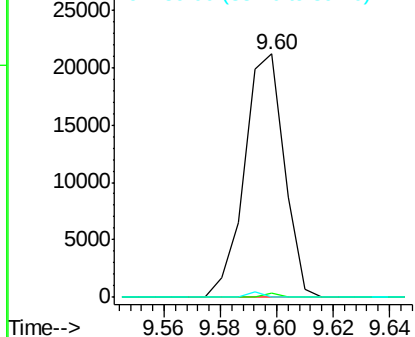
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

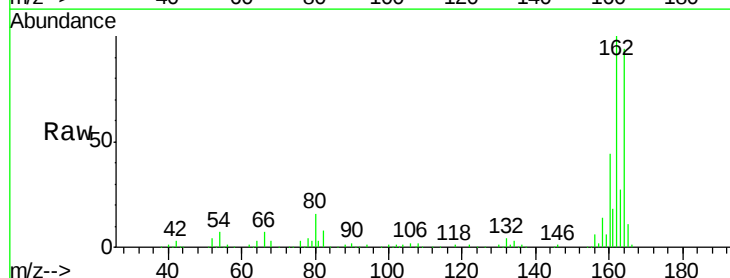
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.60 min Scan# 1294
 Delta R.T. -0.23 min
 Lab File: BF096908.D
 Acq: 20 Jul 2017 16:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

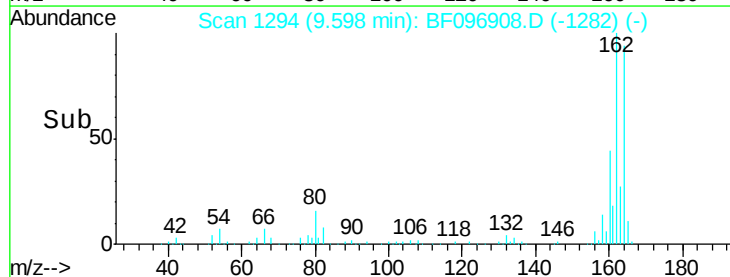
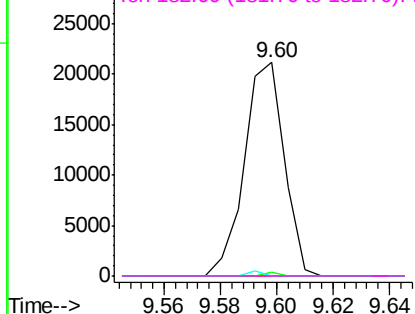


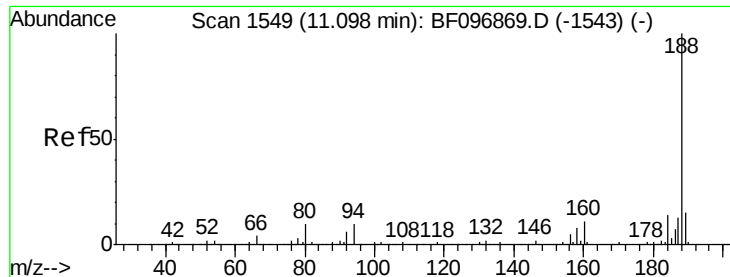
Abundance Ion 165.00 (164.70 to 165.70): E

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

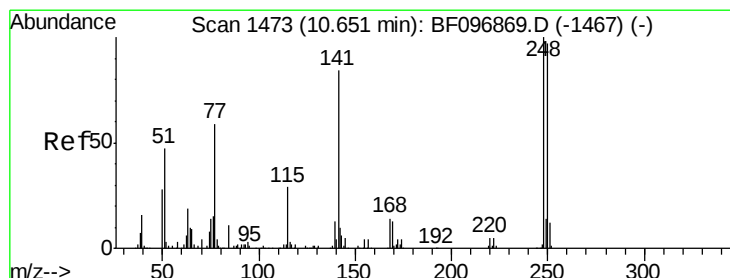
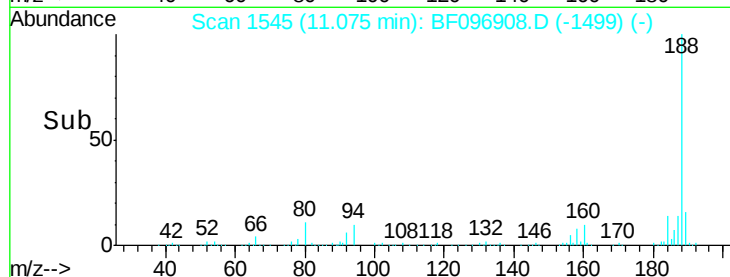
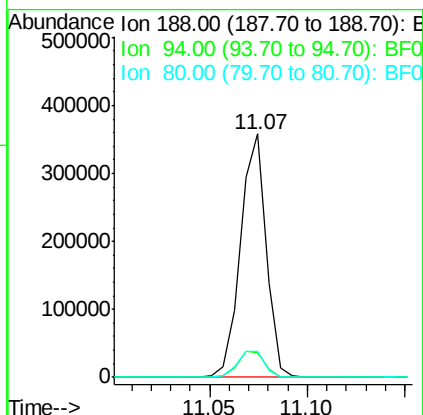
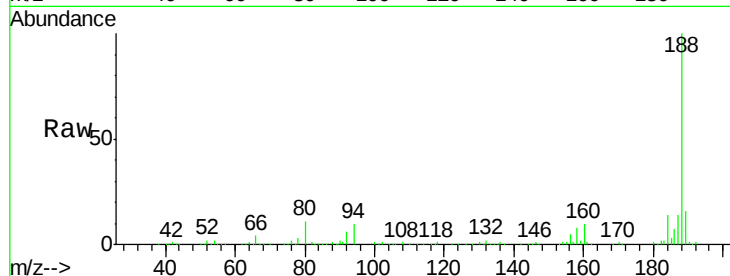




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 1545
 Delta R.T. -0.03 min
 Lab File: BF096908.D
 Acq: 20 Jul 2017 16:22

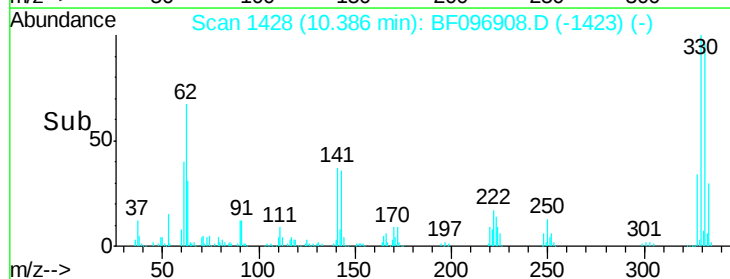
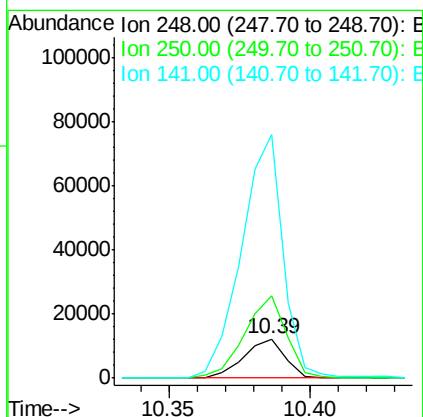
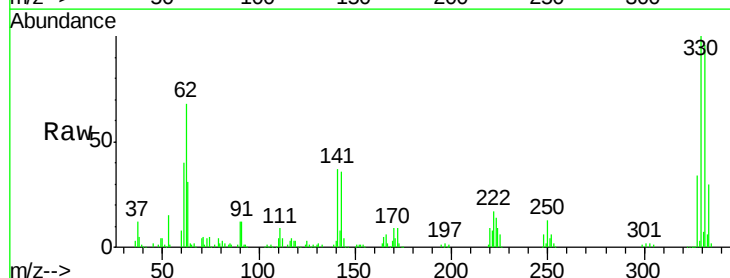
Instrument :
 BNA_F
 ClientSampleId :
 PB100793BL

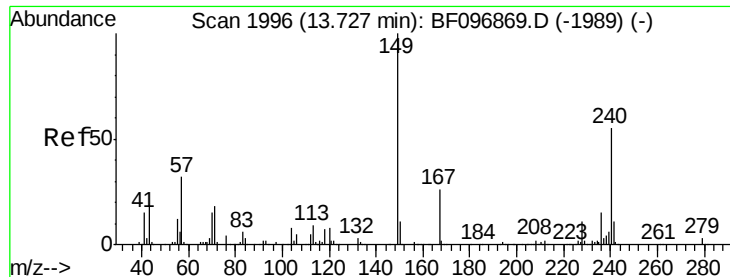
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.6	10.2	15.2



#66
 4-Bromophenyl-phenylether
 Concen: 3.70 ng
 RT: 10.39 min Scan# 1428
 Delta R.T. -0.27 min
 Lab File: BF096908.D
 Acq: 20 Jul 2017 16:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	210.2	76.8	115.2#
141	620.2	68.6	103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1991

Delta R.T. -0.04 min

Lab File: BF096908.D

Acq: 20 Jul 2017 16:22

Instrument :

BNA_F

ClientSampleId :

PB100793BL

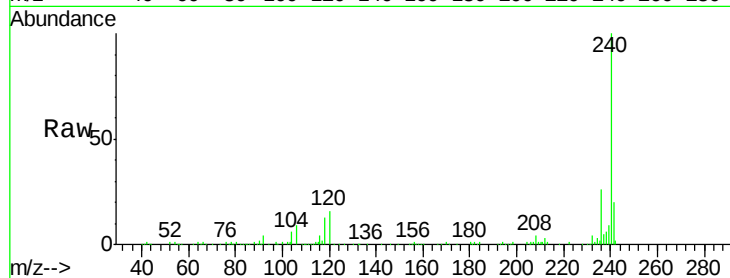
Tgt Ion:240 Resp: 244692

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

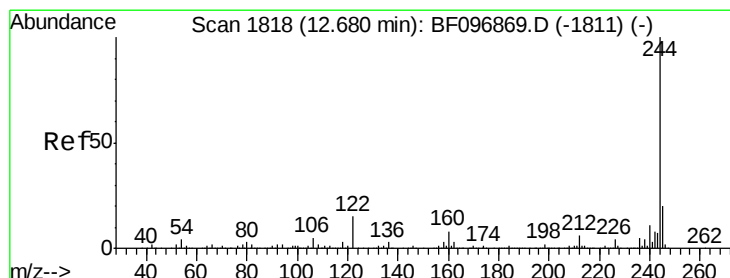
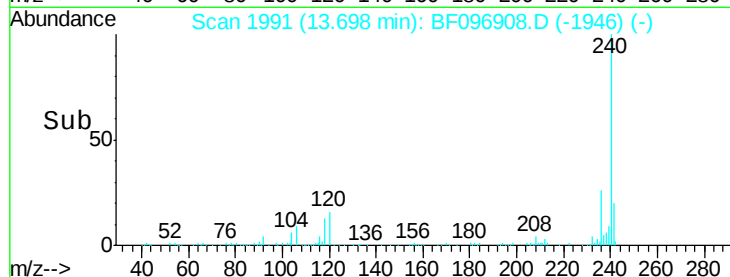
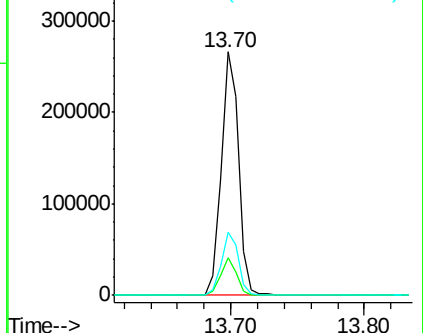
236 26.0 20.5 30.7



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: 62.39 ng

RT: 12.66 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF096908.D

Acq: 20 Jul 2017 16:22

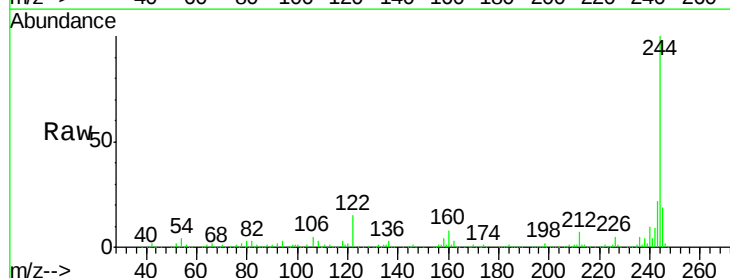
Tgt Ion:244 Resp: 880223

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

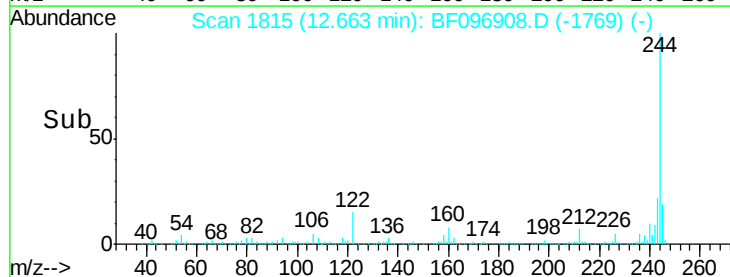
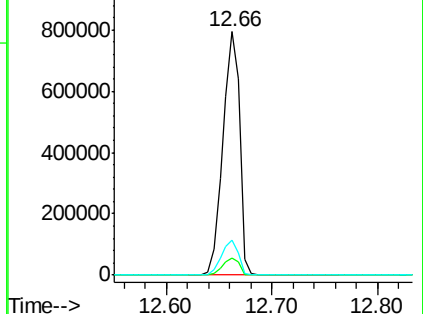
122 14.6 10.3 15.5

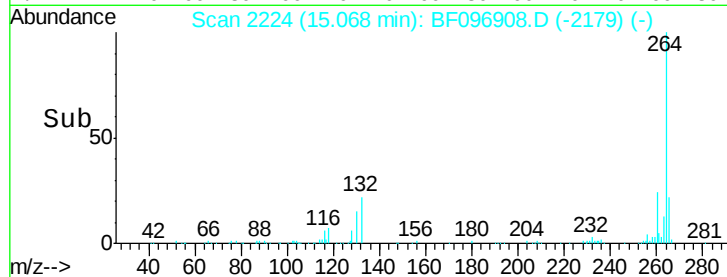
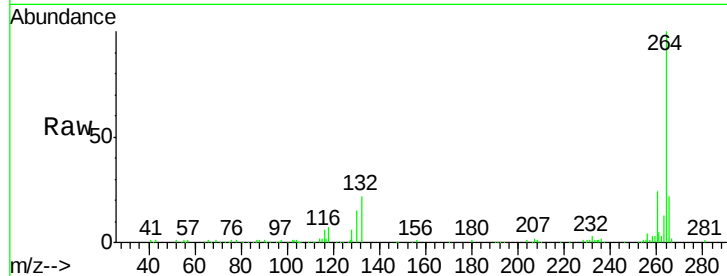
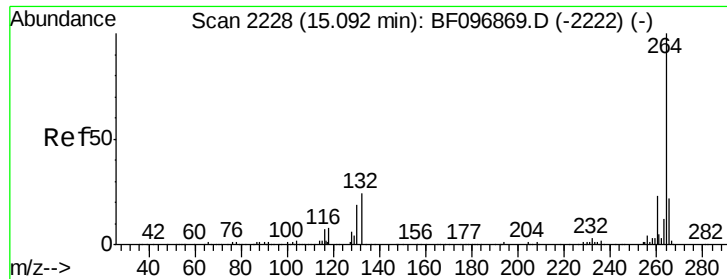


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 2224

Delta R.T. -0.04 min

Lab File: BF096908.D

Acq: 20 Jul 2017 16:22

Instrument :

BNA_F

ClientSampleId :

PB100793BL

Tgt Ion: 264 Resp: 154048

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.9 17.2 25.8

