

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095901.D
 Acq On : 13 Jun 2017 19:07
 Operator : SJ/MA
 Sample : I3642-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 04:11:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

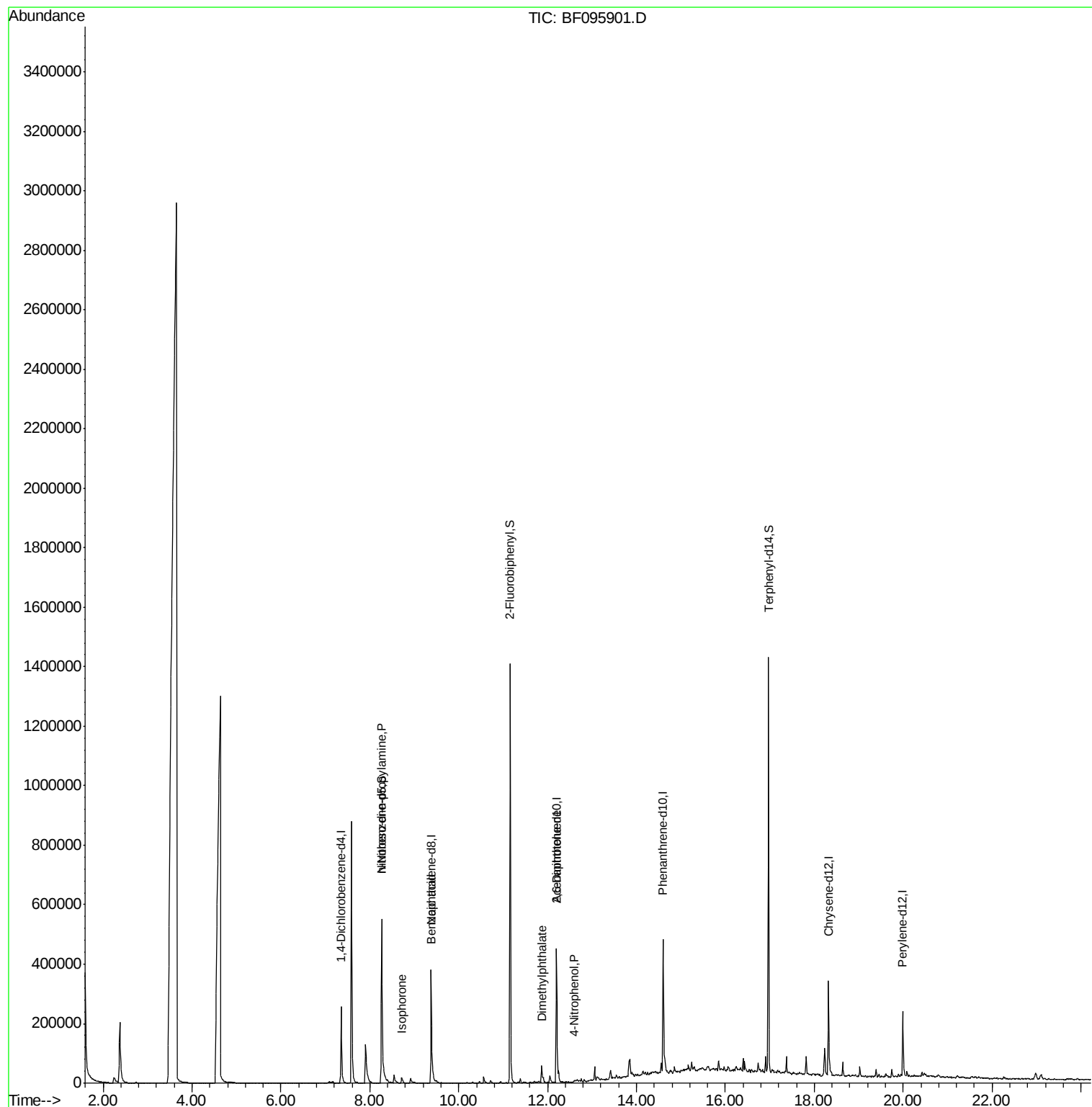
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	72102	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	296021	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	138512	20.00	ng	-0.06
63) Phenanthrene-d10	14.60	188	246472	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	157005	20.00	ng	-0.04
86) Perylene-d12	19.99	264	125642	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.08	99	8558	1.58	ng	0.12
23) Nitrobenzene-d5	8.27	82	329996	69.23	ng	-0.05
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	11.16	172	685631	68.88	ng	-0.06
78) Terphenyl-d14	16.97	244	531613	84.03	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.27	70	37495	10.92	ng	# 73
25) Isophorone	8.72	82	20574	2.31	ng	97
32) Benzoic acid	9.39	122	804	5.39	ng	# 1
49) Dimethylphthalate	11.86	163	48896	4.65	ng	98
50) 2,6-Dinitrotoluene	12.20	165	16834	7.34	ng	# 31
55) 4-Nitrophenol	12.59	139	550	4.96	ng	# 25

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

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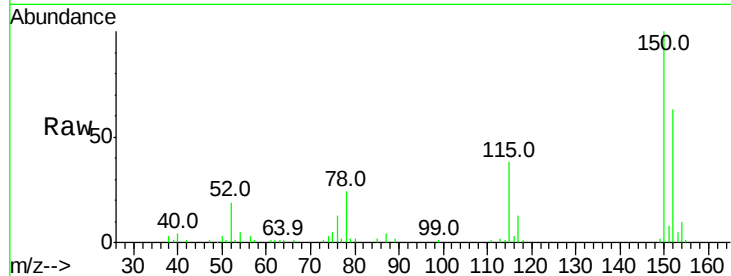


#1

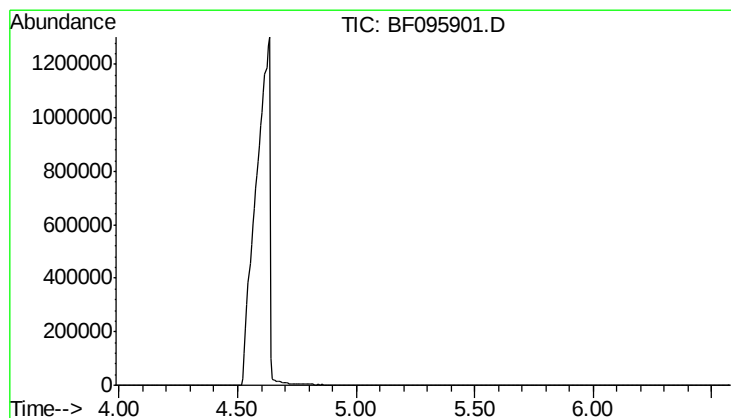
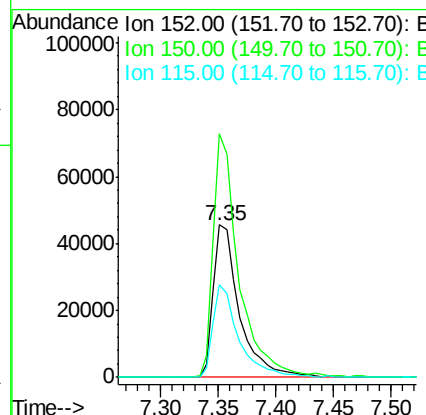
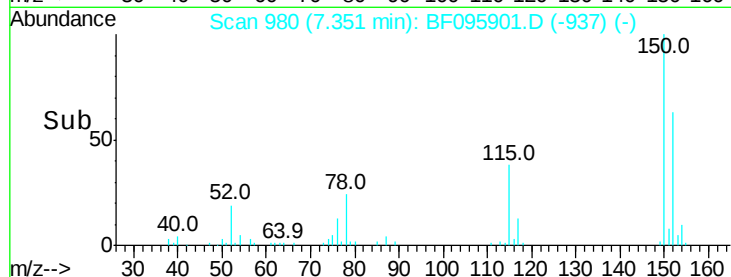
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.35 min Scan# 980
 Delta R.T. -0.05 min
 Lab File: BF095901.D
 Acq: 13 Jun 2017 19:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 72102
 Ion Ratio Lower Upper
 152 100
 150 159.7 126.2 189.2
 115 60.3 52.2 78.2



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

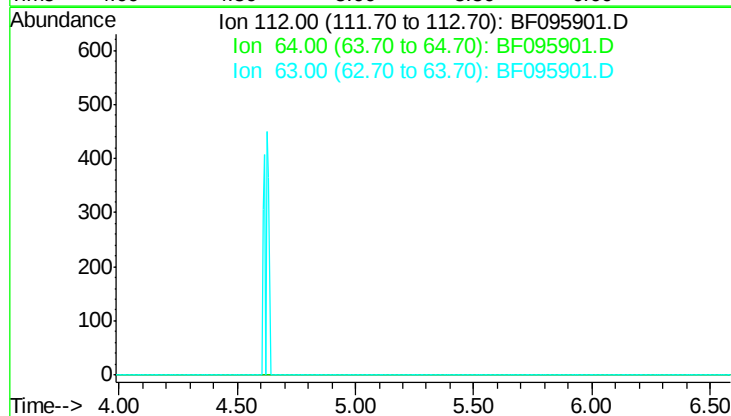


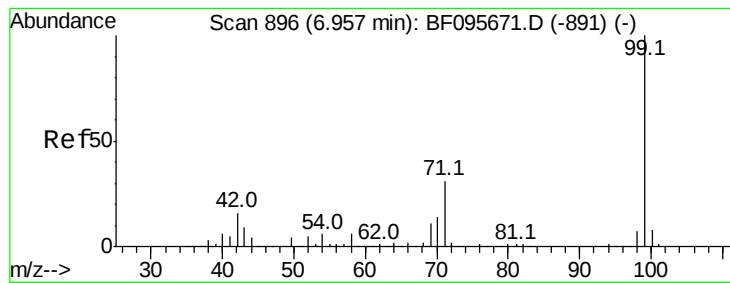
#5

2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.29 min

Lab File: BF095901.D
 Acq: 13 Jun 2017 19:07

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 57.5
 63 29.2





#7

Phenol-d6

Concen: 1.58 ng

RT: 7.08 min Scan# 934

Delta R.T. 0.12 min

Lab File: BF095901.D

Acq: 13 Jun 2017 19:07

Instrument :

BNA_F

ClientSampleId :

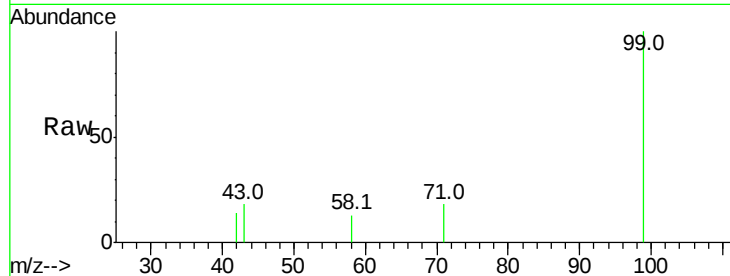
Tot Ion: 99 Resp: 8558

Ion Ratio Lower Upper

99 100

42 14.2 13.5 20.3

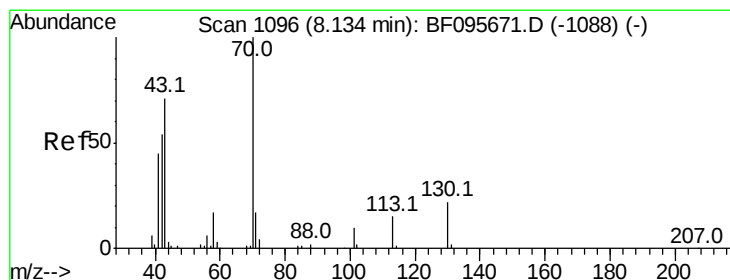
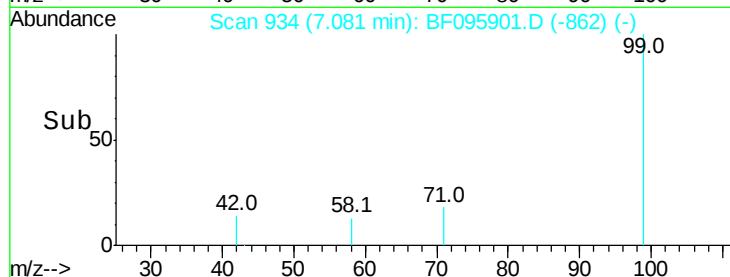
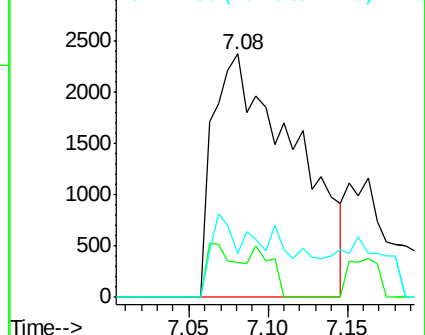
71 18.0 24.5 36.7#



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.92 ng

RT: 8.27 min Scan# 1136

Delta R.T. 0.14 min

Lab File: BF095901.D

Acq: 13 Jun 2017 19:07

Tgt Ion: 70 Resp: 37495

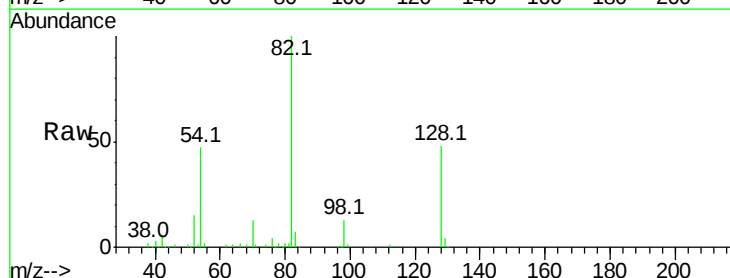
Ion Ratio Lower Upper

70 100

42 41.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

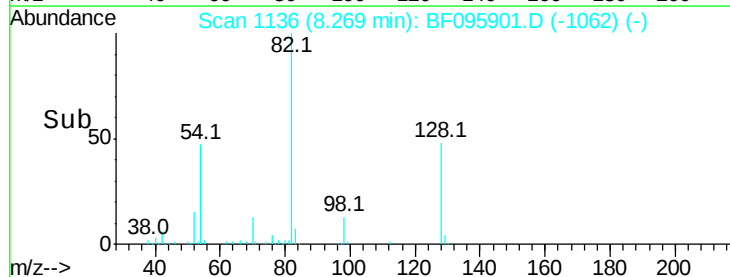
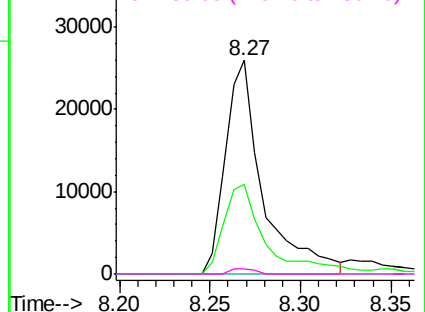


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095901.D

Acq: 13 Jun 2017 19:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 296021

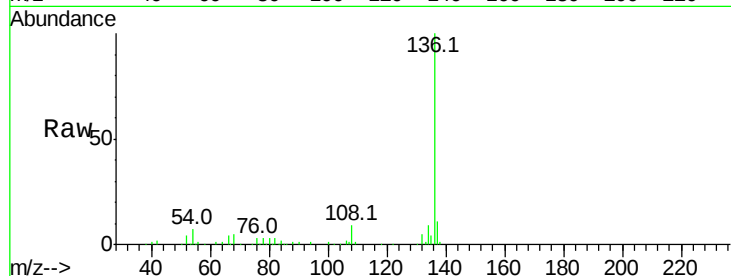
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.3 4.9 7.3

68 5.4 4.1 6.1

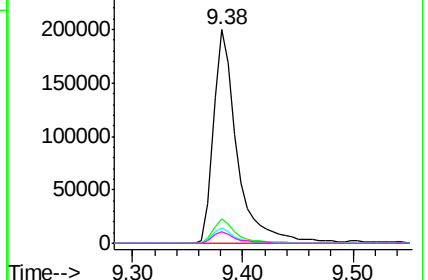
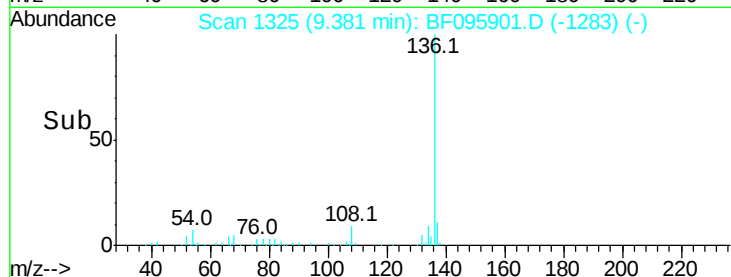


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 69.23 ng

RT: 8.27 min Scan# 1136

Delta R.T. -0.05 min

Lab File: BF095901.D

Acq: 13 Jun 2017 19:07

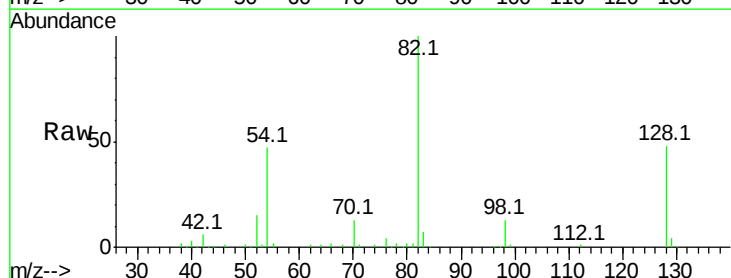
Tgt Ion: 82 Resp: 329996

Ion Ratio Lower Upper

82 100

128 48.0 34.0 51.0

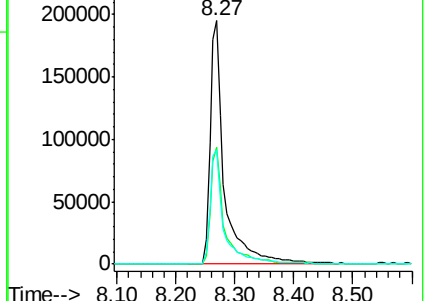
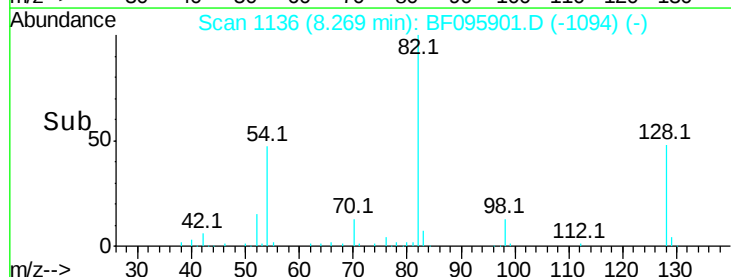
54 46.9 42.2 63.2

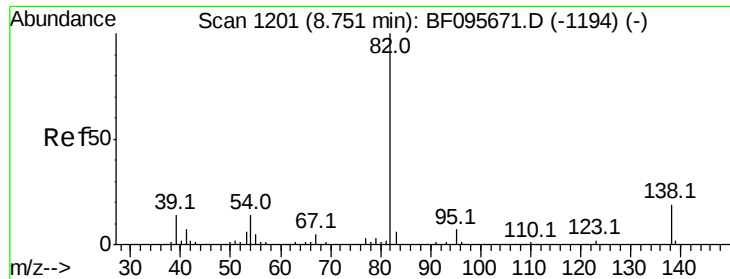


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 2.31 ng

RT: 8.72 min Scan# 1212

Delta R.T. -0.04 min

Lab File: BF095901.D

Acq: 13 Jun 2017 19:07

Instrument :
BNA_F
ClientSampleId :

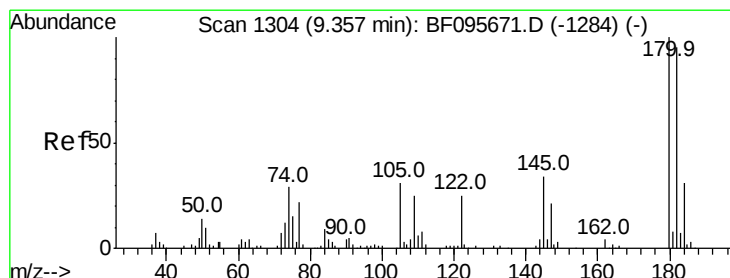
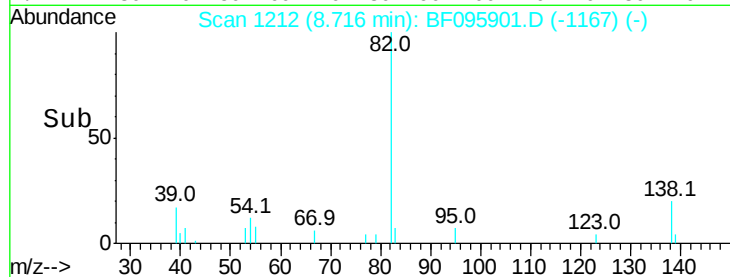
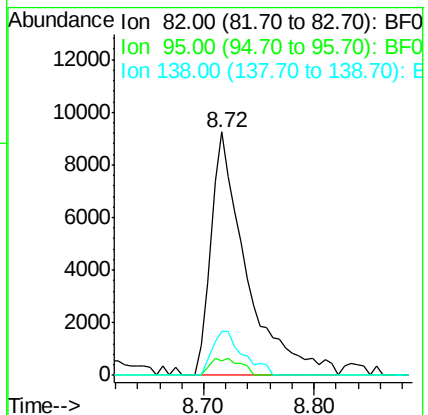
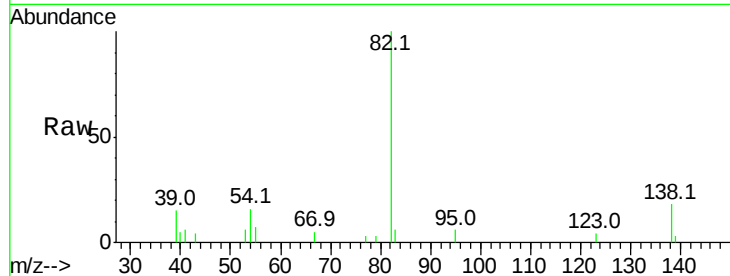
Tot Ion: 82 Resp: 20574

Ion Ratio Lower Upper

82 100

95 5.8 5.3 7.9

138 18.0 13.1 19.7



#32

Benzoic acid

Concen: 5.39 ng

RT: 9.39 min Scan# 1327

Delta R.T. 0.04 min

Lab File: BF095901.D

Acq: 13 Jun 2017 19:07

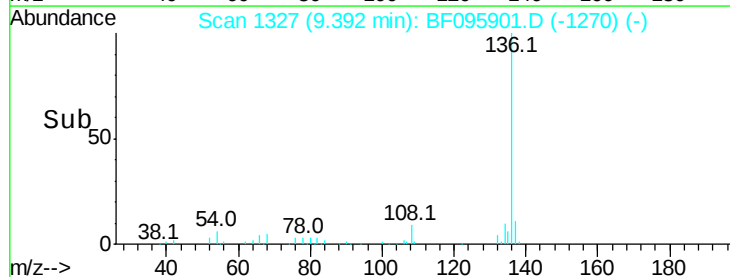
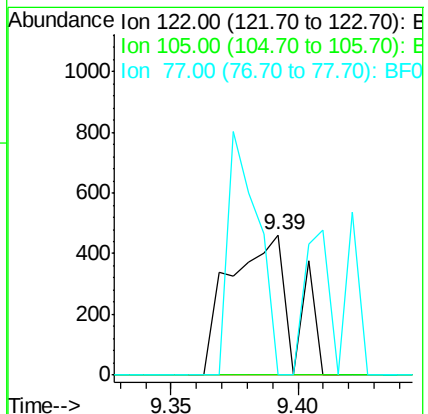
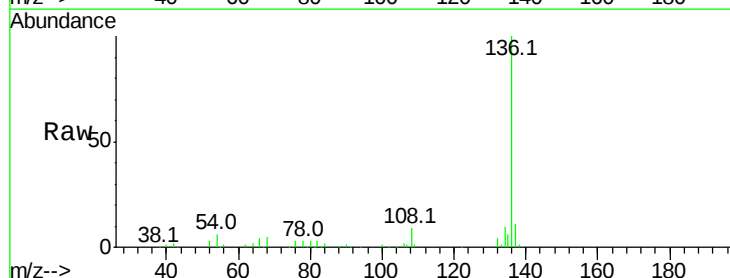
Tgt Ion: 122 Resp: 804

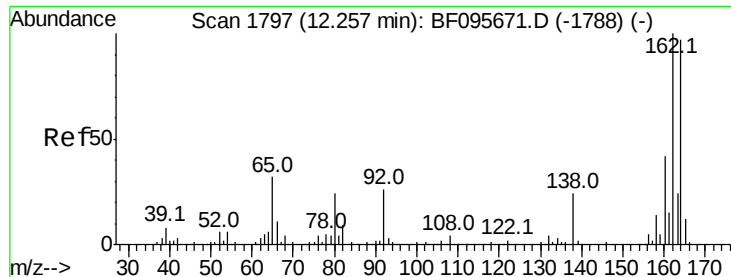
Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

77 0.0 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.20 min Scan# 1804

Delta R.T. -0.06 min

Lab File: BF095901.D

Acq: 13 Jun 2017 19:07

Instrument :

BNA_F

ClientSampled :

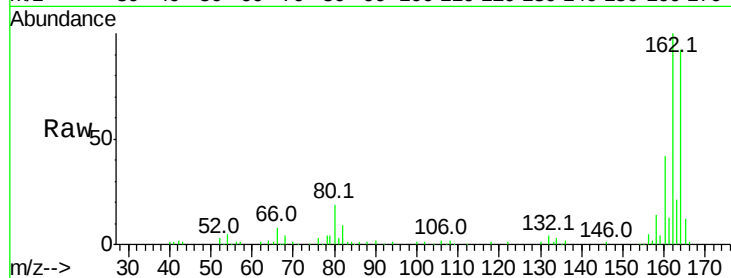
Tot Ion:164 Resp: 138512

Ion Ratio Lower Upper

164 100

162 108.6 82.6 123.8

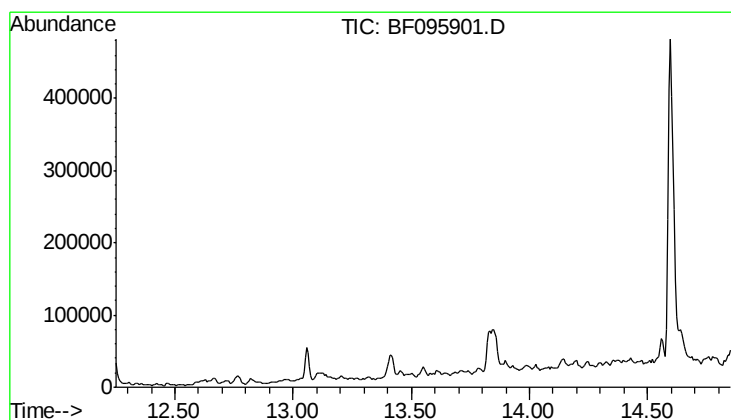
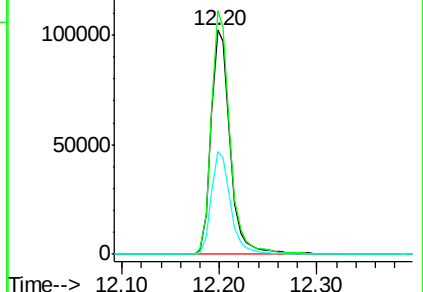
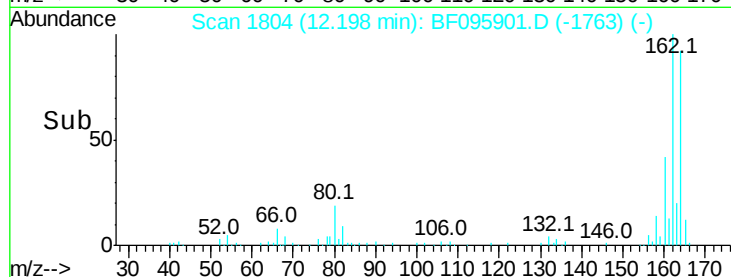
160 45.7 36.2 54.2



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: 0.00 ng

Expected RT: 13.55 min

Lab File: BF095901.D

Acq: 13 Jun 2017 19:07

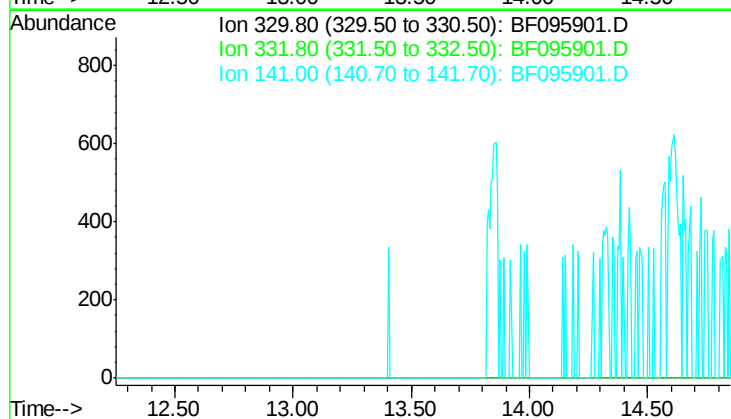
Tgt Ion: 330

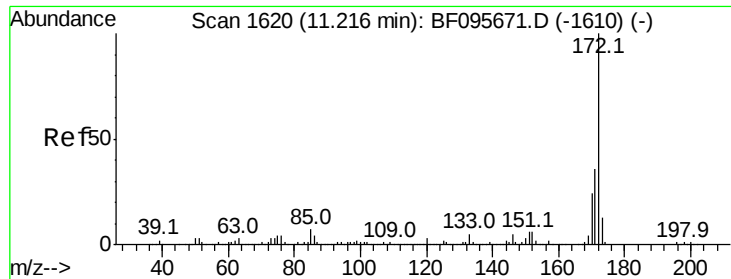
Sig Exp Ratio

330 100

332 95.8

141 39.3

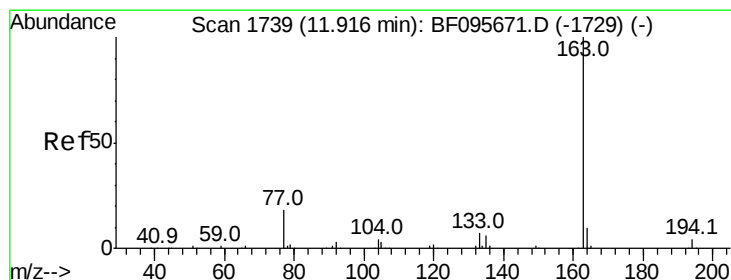
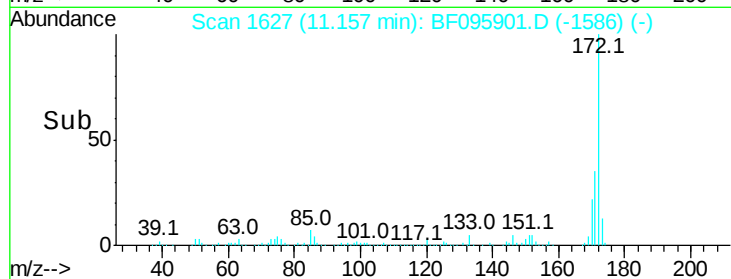
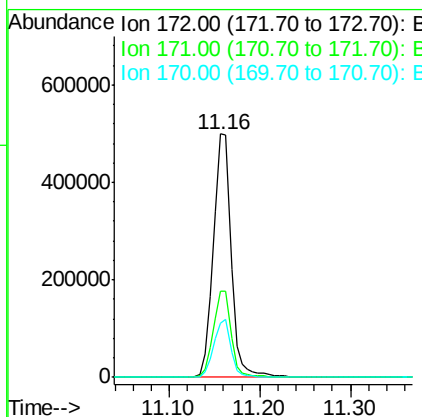
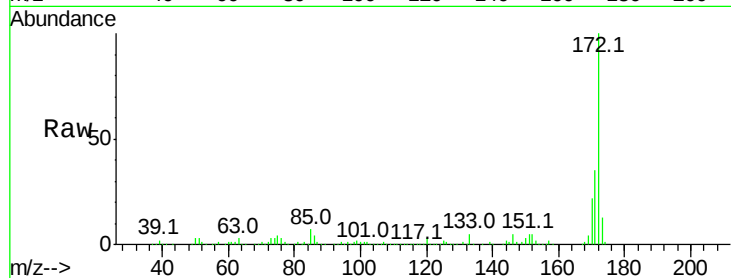




#44
2-Fluorobiphenyl
Concen: 68.88 ng
RT: 11.16 min Scan# 1627
Delta R.T. -0.06 min
Lab File: BF095901.D
Acq: 13 Jun 2017 19:07

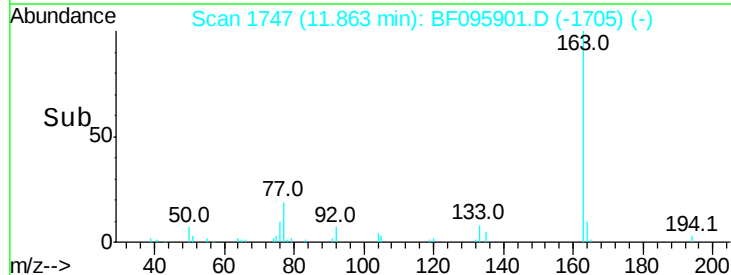
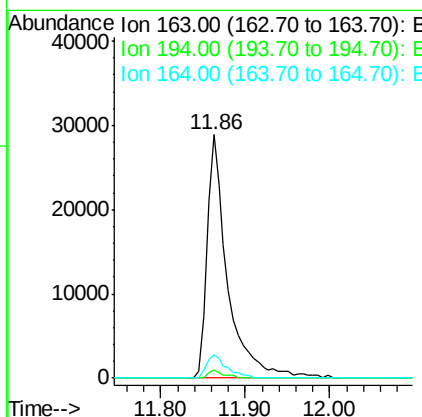
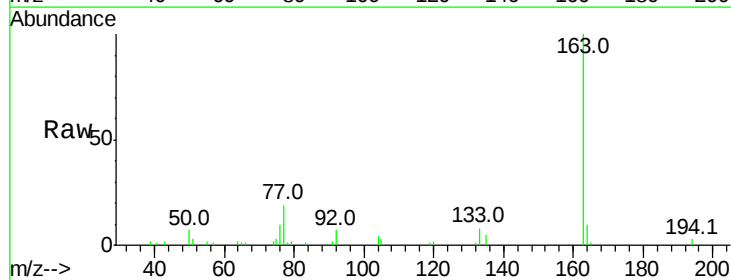
Instrument :
BNA_F
ClientSampleId :

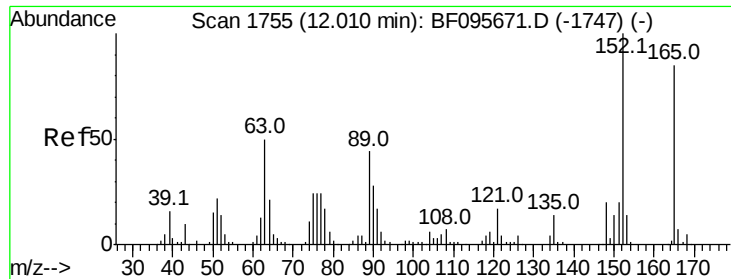
Tot Ion:172 Resp: 685631
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 22.5 19.8 29.8



#49
Dimethylphthalate
Concen: 4.65 ng
RT: 11.86 min Scan# 1747
Delta R.T. -0.05 min
Lab File: BF095901.D
Acq: 13 Jun 2017 19:07

Tgt Ion:163 Resp: 48896
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.7 8.4 12.6

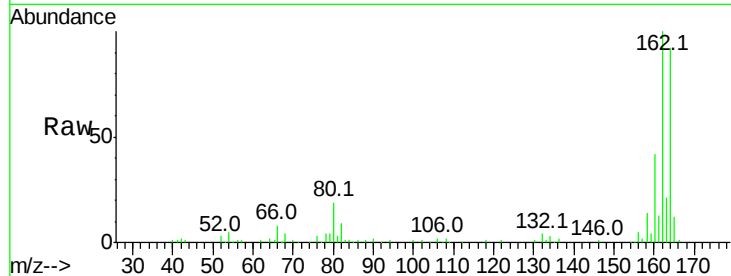




#50
 2,6-Dinitrotoluene
 Concen: 7.34 ng
 RT: 12.20 min Scan# 1804
 Delta R.T. 0.19 min
 Lab File: BF095901.D
 Acq: 13 Jun 2017 19:07

Instrument :
 BNA_F
 ClientSampleId :

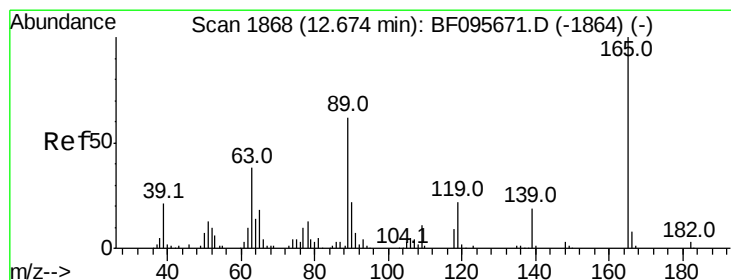
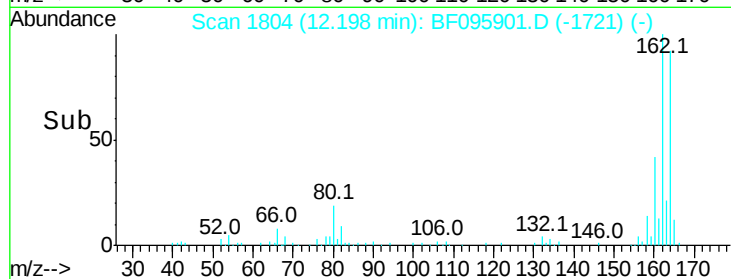
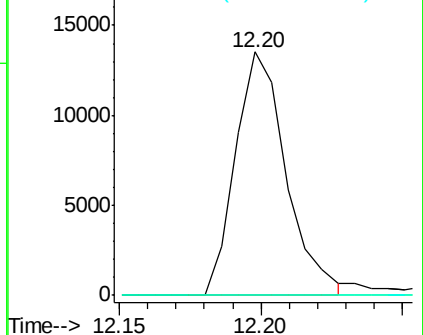
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

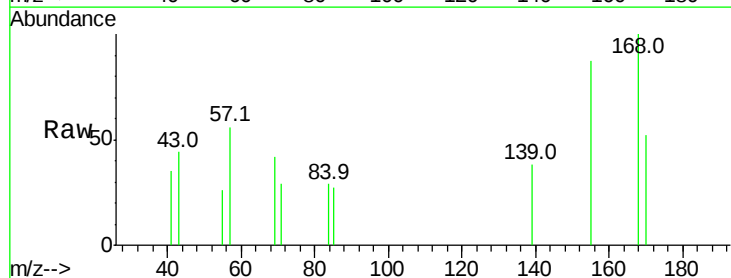
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#55
 4-Nitrophenol
 Concen: 4.96 ng
 RT: 12.59 min Scan# 1871
 Delta R.T. -0.08 min
 Lab File: BF095901.D
 Acq: 13 Jun 2017 19:07

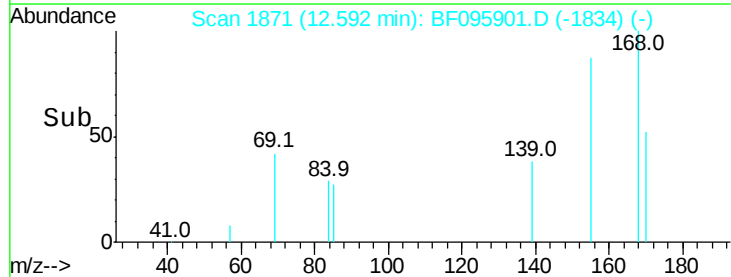
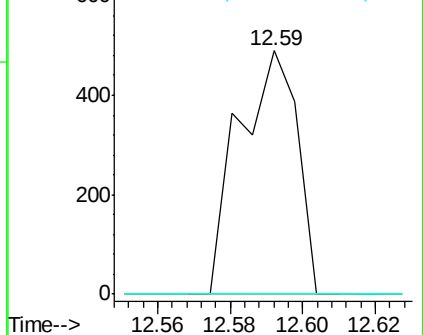
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

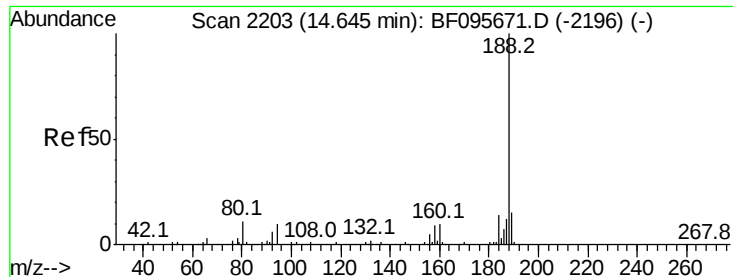


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

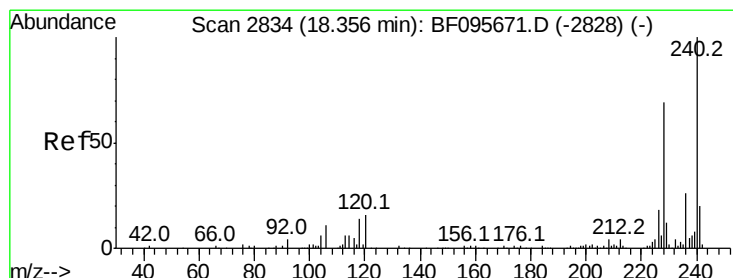
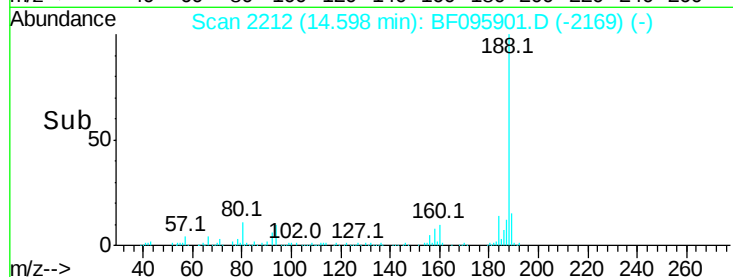
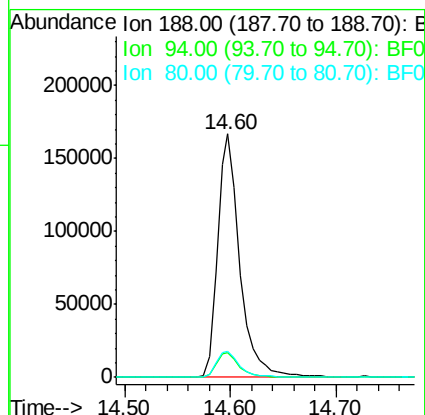
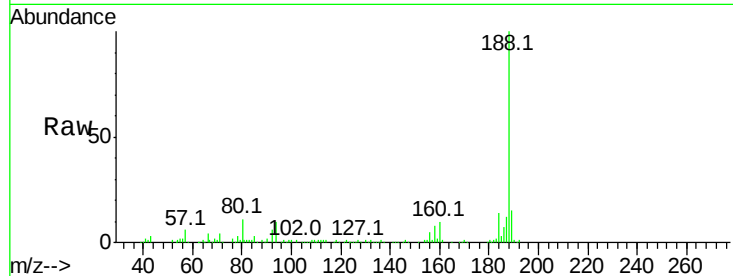




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095901.D
Acq: 13 Jun 2017 19:07

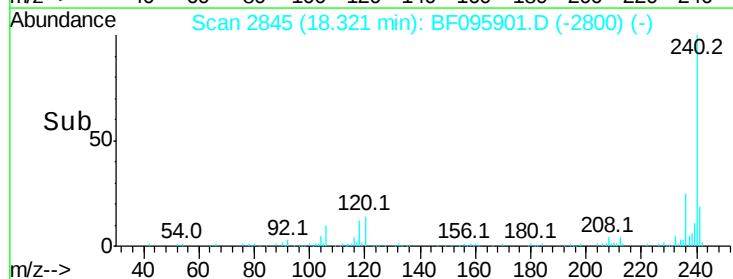
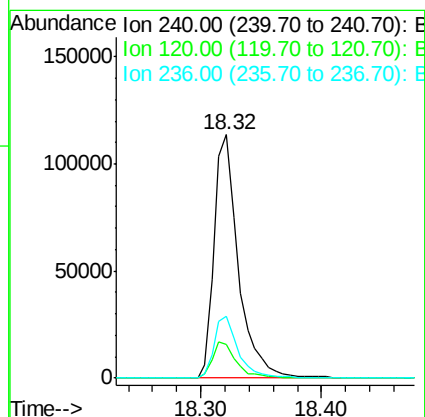
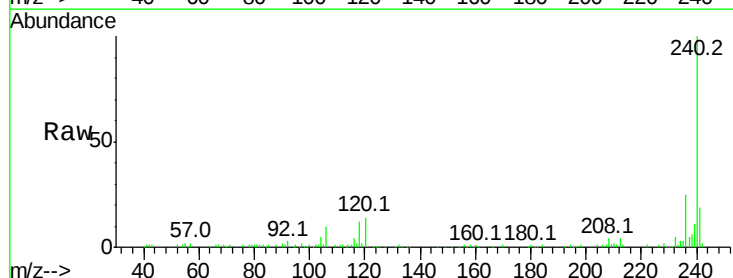
Instrument :
BNA_F
ClientSampleId :

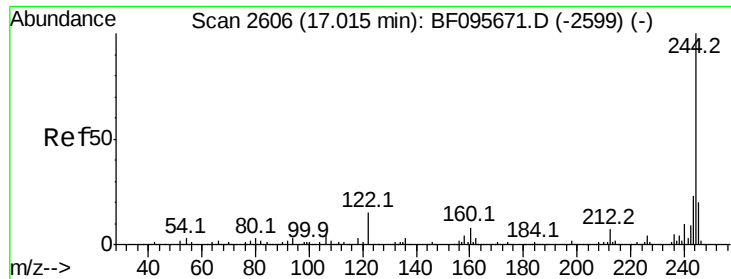
Tot Ion:188 Resp: 246472
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 10.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.04 min
Lab File: BF095901.D
Acq: 13 Jun 2017 19:07

Tgt Ion:240 Resp: 157005
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 25.3 20.5 30.7

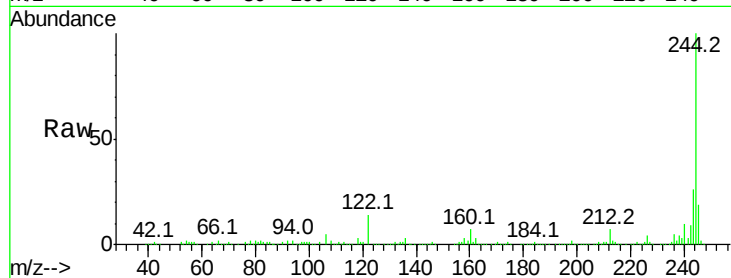




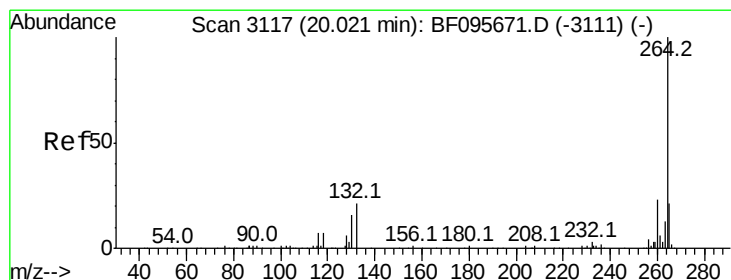
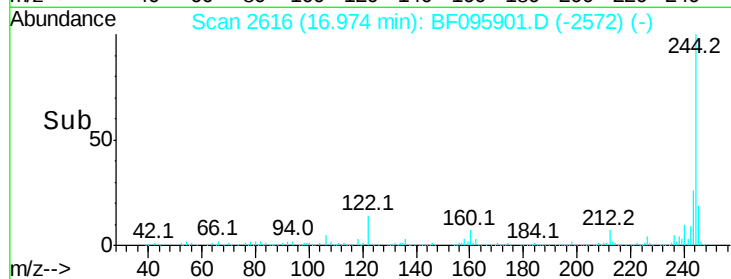
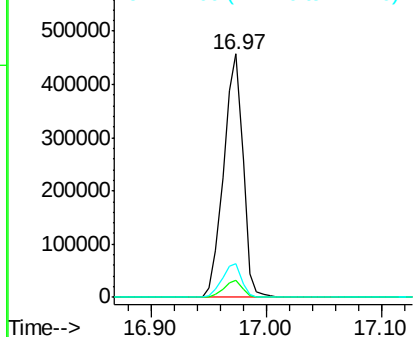
#78
 Terphenyl-d14
 Concen: 84.03 ng
 RT: 16.97 min Scan# 2616
 Delta R.T. -0.04 min
 Lab File: BF095901.D
 Acq: 13 Jun 2017 19:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 531613
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.7 10.3 15.5

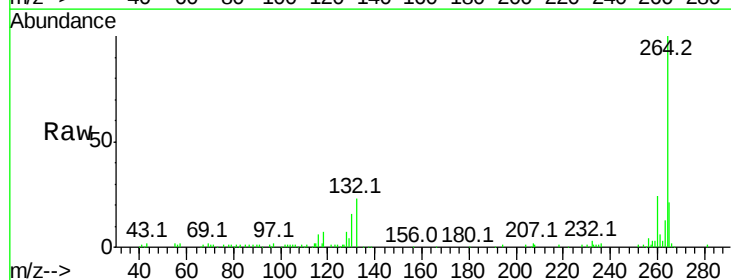


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.99 min Scan# 3129
 Delta R.T. -0.03 min
 Lab File: BF095901.D
 Acq: 13 Jun 2017 19:07

Tgt Ion:264 Resp: 125642
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

