

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096108.D
 Acq On : 22 Jun 2017 5:52
 Operator : SJ/MA
 Sample : I3747-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 07:22:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

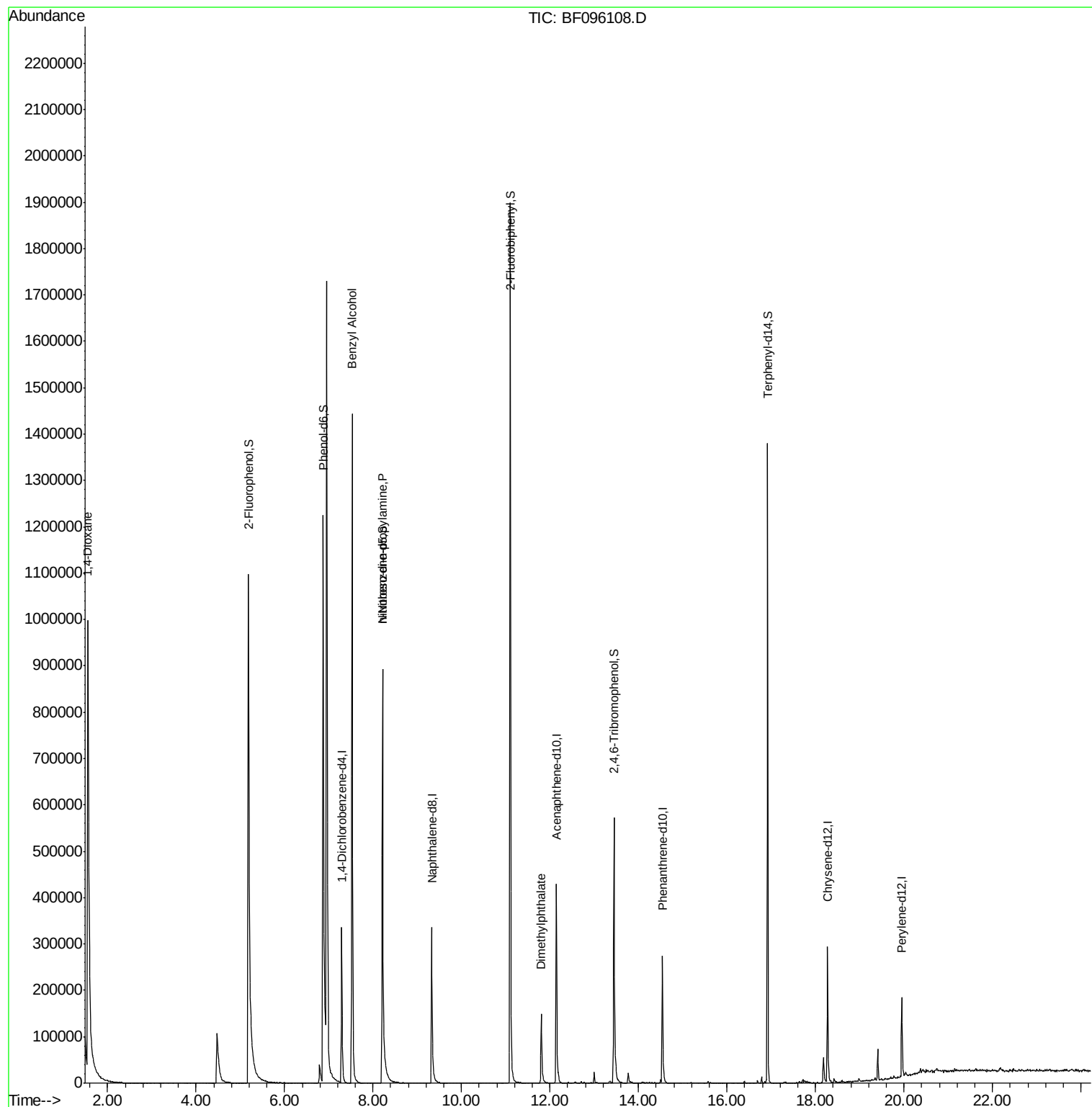
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	85318	20.00	ng	0.00
21) Naphthalene-d8	9.33	136	300644	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	129695	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	173740	20.00	ng	0.00
75) Chrysene-d12	18.27	240	148060	20.00	ng	0.00
86) Perylene-d12	19.95	264	96034	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	809757	151.24	ng	0.00
7) Phenol-d6	6.87	99	963118	150.25	ng	0.00
23) Nitrobenzene-d5	8.22	82	545250	112.63	ng	0.00
41) 2,4,6-Tribromophenol	13.44	330	117383	102.29	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	888459	95.33	ng	0.00
78) Terphenyl-d14	16.92	244	530801	88.97	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.56	88	56237	22.08	ng	# 21
15) Benzyl Alcohol	7.53	79	8927	2.03	ng	# 32
19) n-Nitroso-di-n-propylamine	8.22	70	65742	16.18	ng	# 75
49) Dimethylphthalate	11.80	163	124924	12.69	ng	98

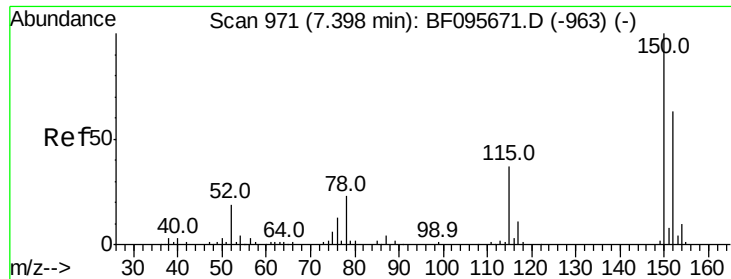
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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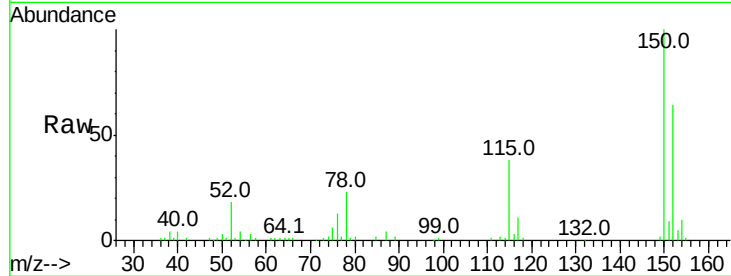


#1

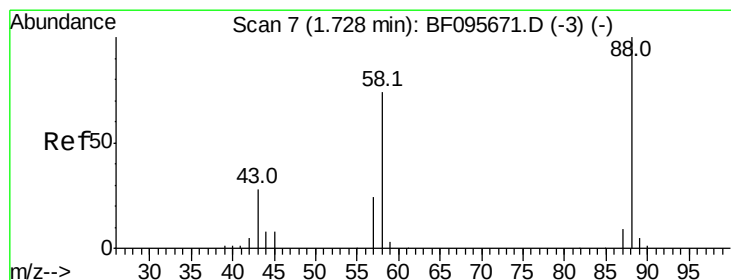
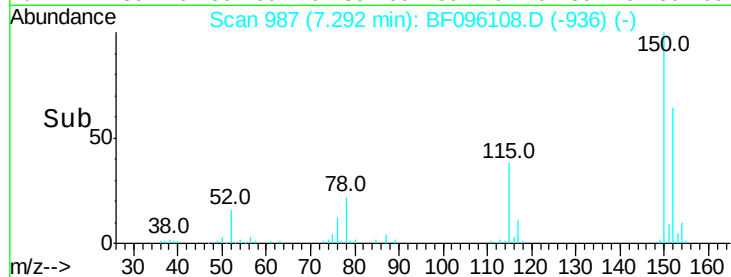
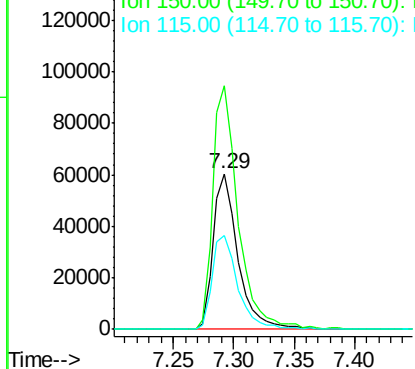
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096108.D
Acq: 22 Jun 2017 5:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85318
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 59.8 52.2 78.2



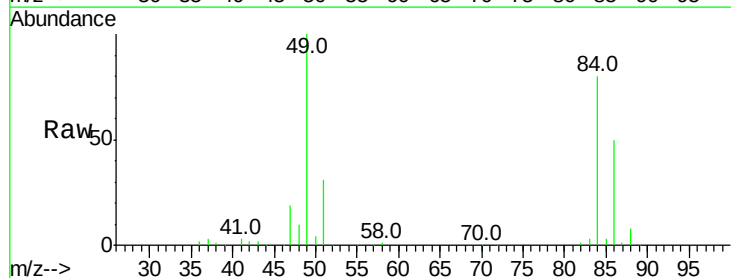
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



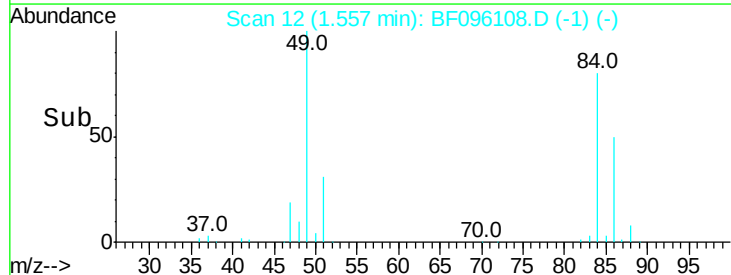
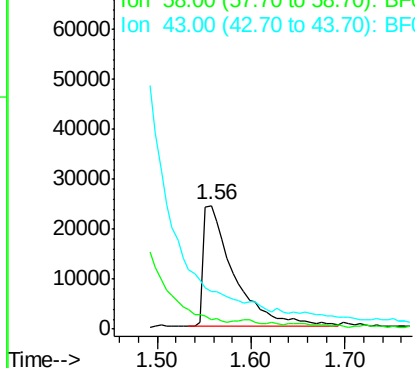
#2

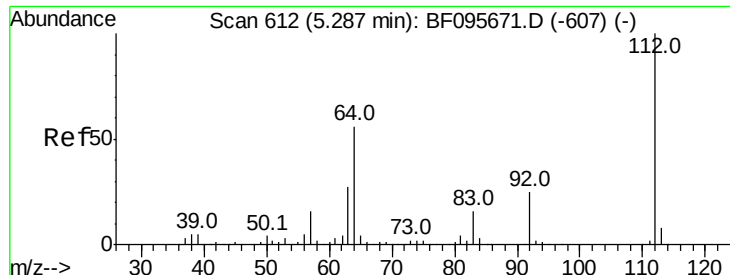
1,4-Dioxane
Concen: 22.08 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.05 min
Lab File: BF096108.D
Acq: 22 Jun 2017 5:52

Tgt Ion: 88 Resp: 56237
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 0.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 151.24 ng

RT: 5.19 min Scan# 629

Delta R.T. 0.01 min

Lab File: BF096108.D

Acq: 22 Jun 2017 5:52

Instrument :

BNA_F

ClientSampled :

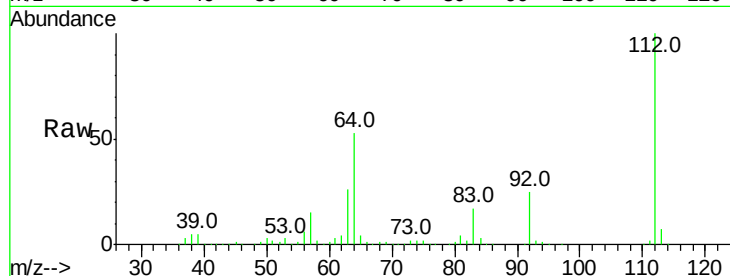
Tot Ion:112 Resp: 809757

Ion Ratio Lower Upper

112 100

64 53.5 46.0 69.0

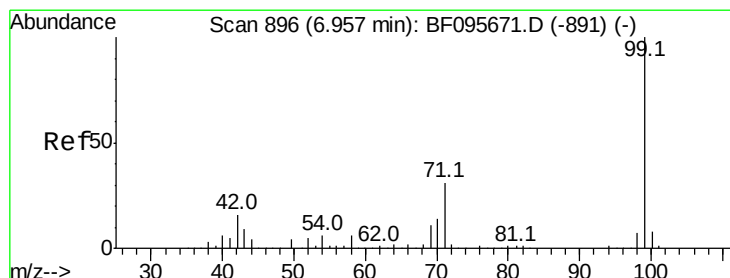
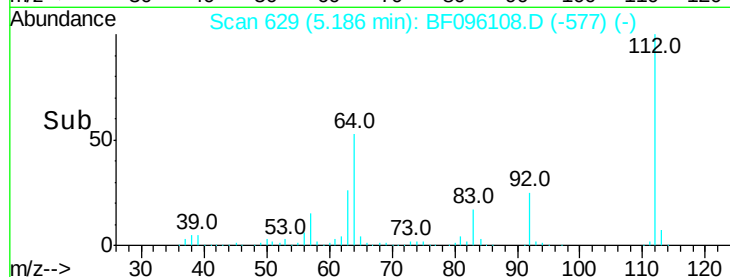
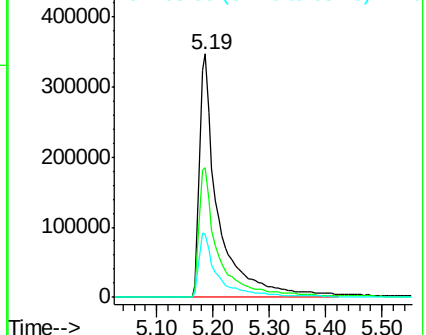
63 26.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 150.25 ng

RT: 6.87 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF096108.D

Acq: 22 Jun 2017 5:52

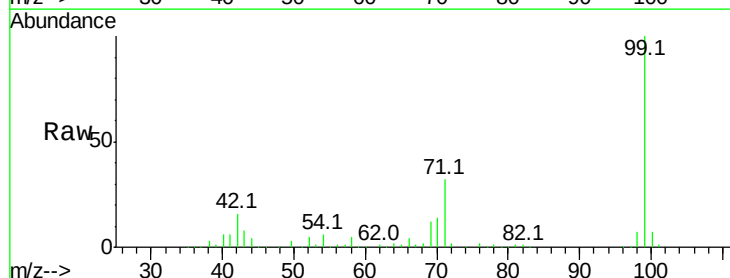
Tgt Ion: 99 Resp: 963118

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

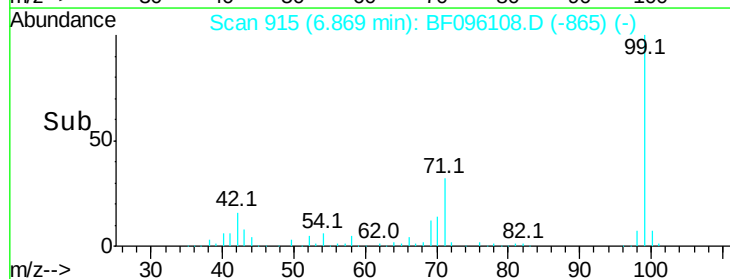
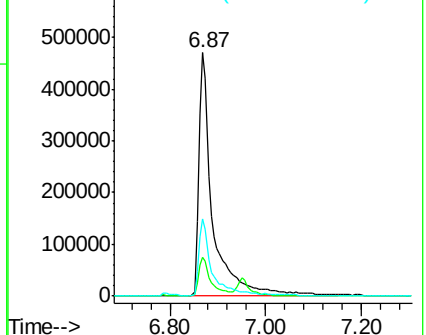
71 31.7 24.5 36.7

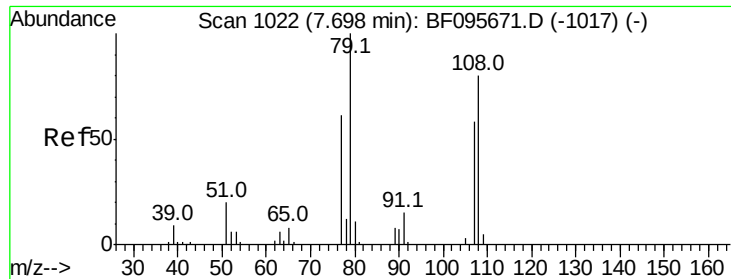


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

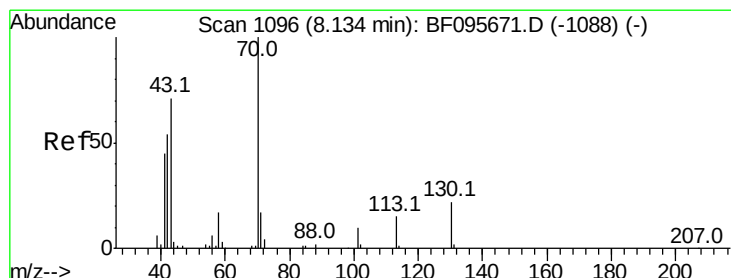
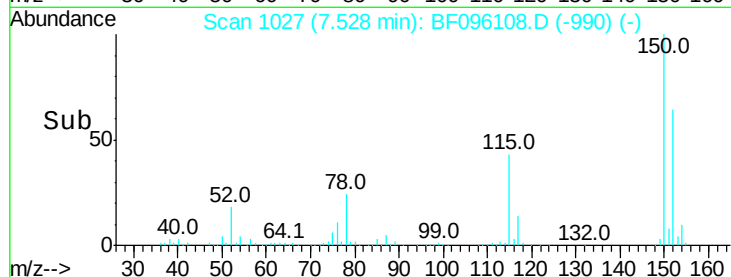
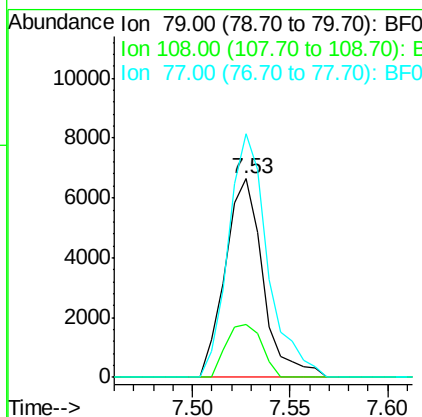
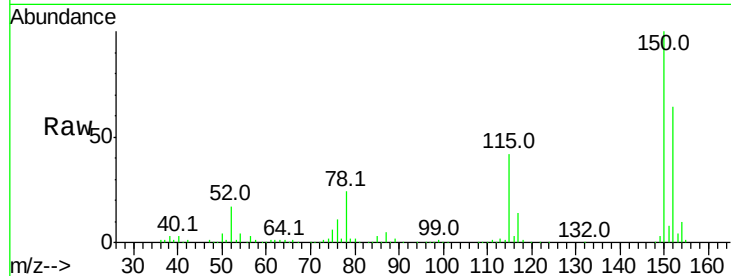




#15
Benzyl Alcohol
Concen: 2.03 ng
RT: 7.53 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF096108.D
Acq: 22 Jun 2017 5:52

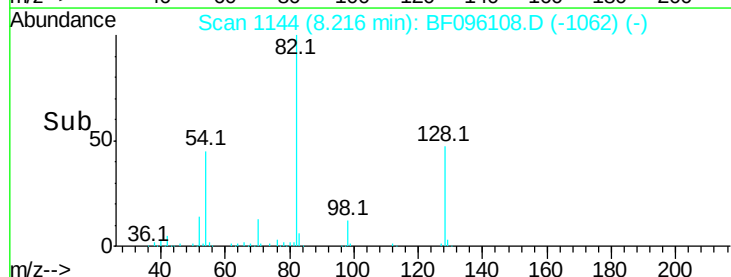
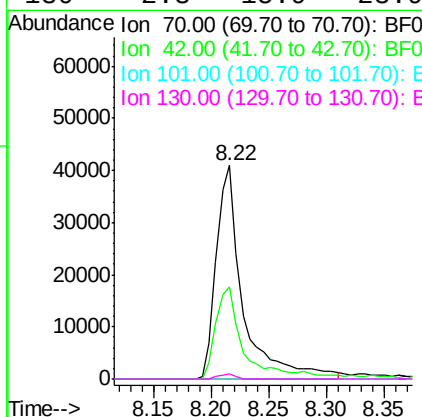
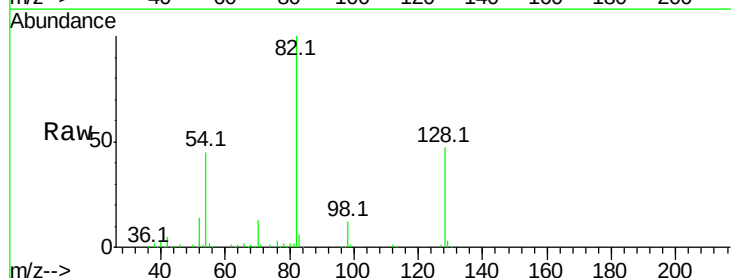
Instrument :
BNA_F
ClientSampled :

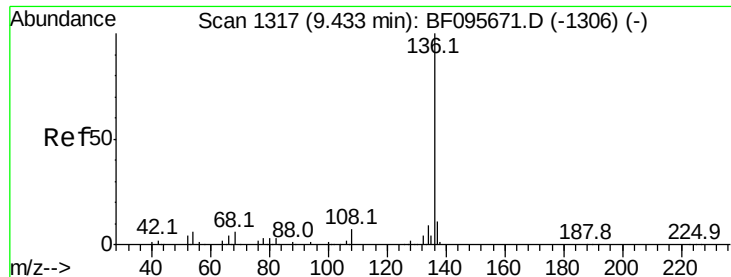
Tot Ion: 79 Resp: 8927
Ion Ratio Lower Upper
79 100
108 27.0 63.4 95.0#
77 122.8 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 16.18 ng
RT: 8.22 min Scan# 1144
Delta R.T. 0.18 min
Lab File: BF096108.D
Acq: 22 Jun 2017 5:52

Tgt Ion: 70 Resp: 65742
Ion Ratio Lower Upper
70 100
42 43.1 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF096108.D

Acq: 22 Jun 2017 5:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 300644

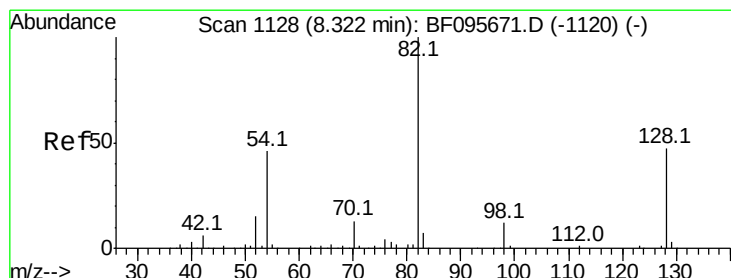
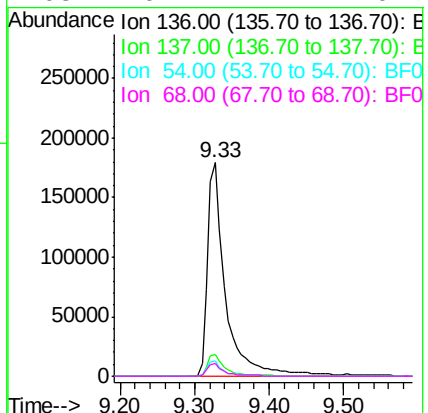
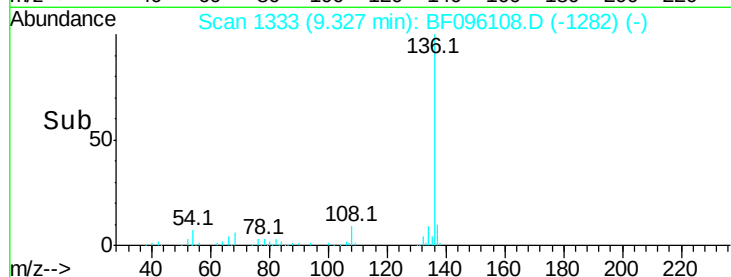
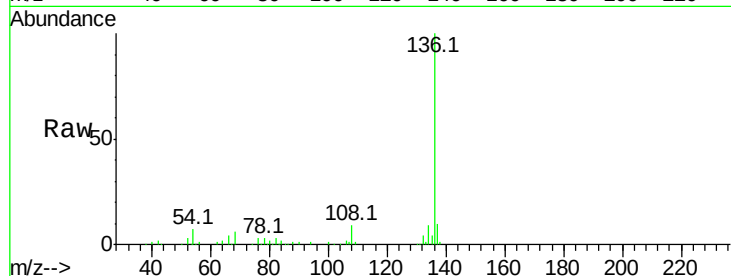
Ion Ratio Lower Upper

136 100

137 10.0 8.5 12.7

54 7.1 4.9 7.3

68 6.1 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 112.63 ng

RT: 8.22 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF096108.D

Acq: 22 Jun 2017 5:52

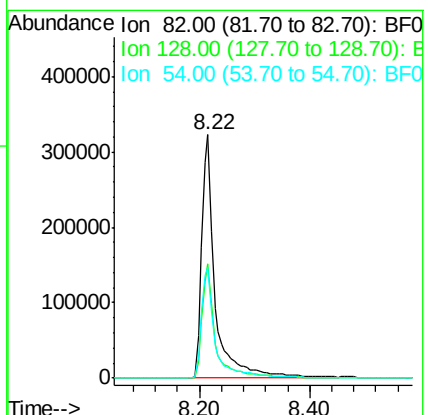
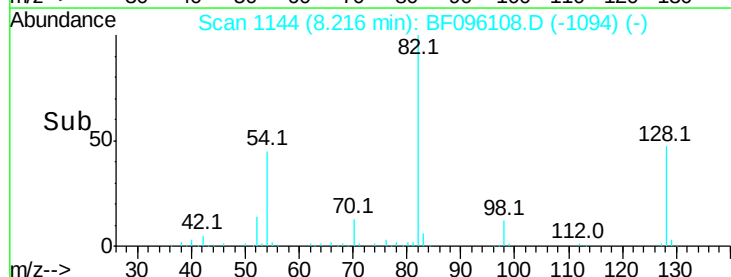
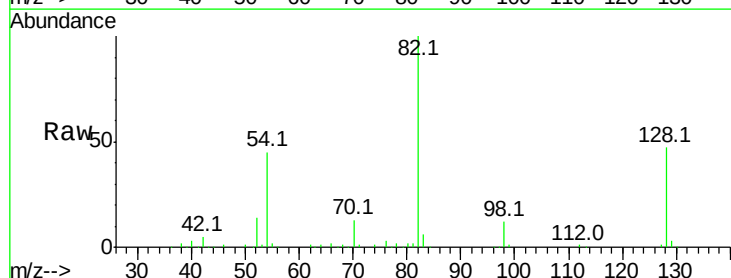
Tgt Ion: 82 Resp: 545250

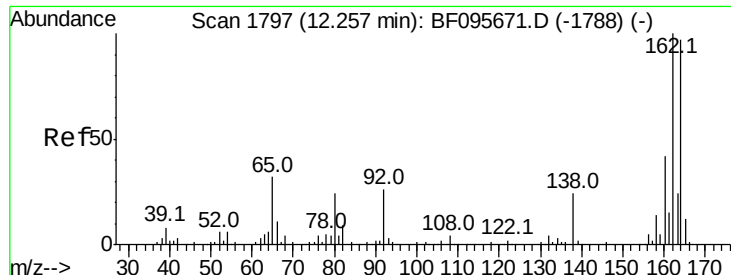
Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

54 45.3 42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.14 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF096108.D

Acq: 22 Jun 2017 5:52

Instrument :

BNA_F

ClientSampleId :

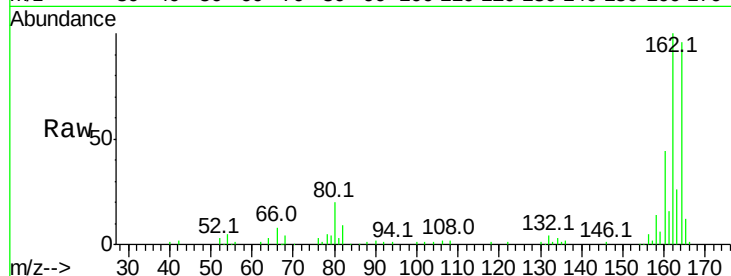
Tot Ion:164 Resp: 129695

Ion Ratio Lower Upper

164 100

162 104.7 82.6 123.8

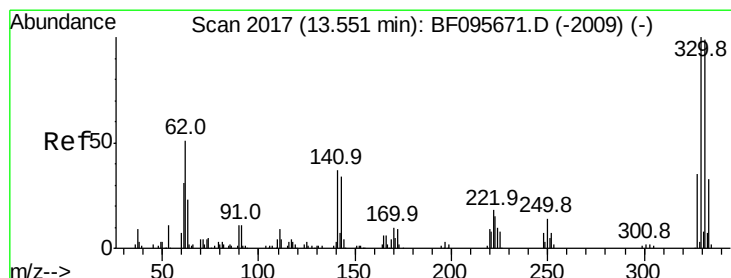
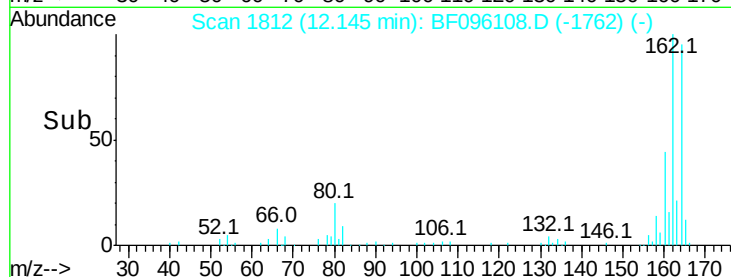
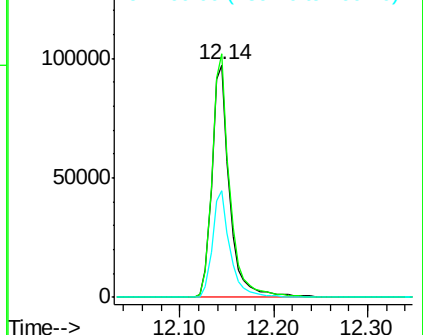
160 45.8 36.2 54.2



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: 102.29 ng

RT: 13.44 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF096108.D

Acq: 22 Jun 2017 5:52

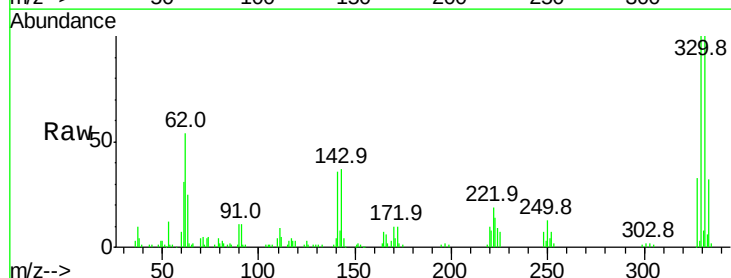
Tgt Ion:330 Resp: 117383

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

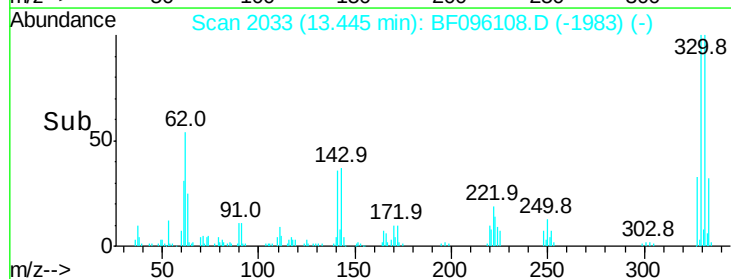
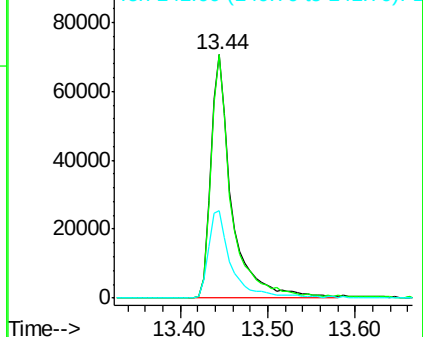
141 39.4 31.4 47.2

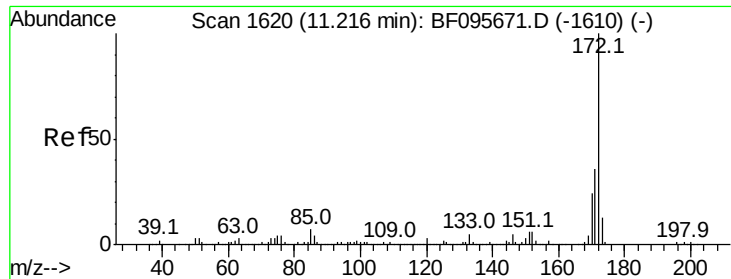


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

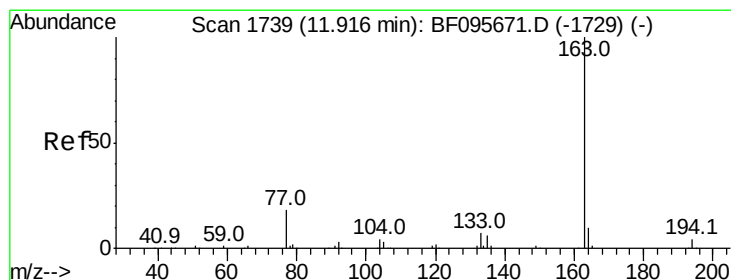
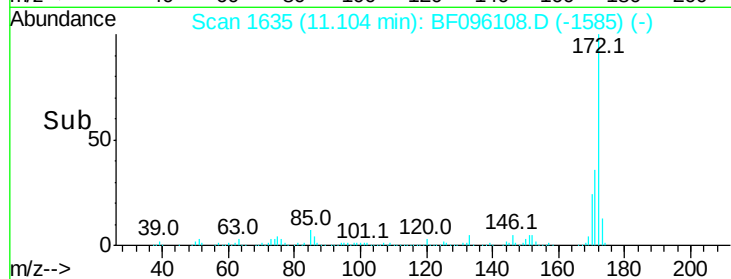
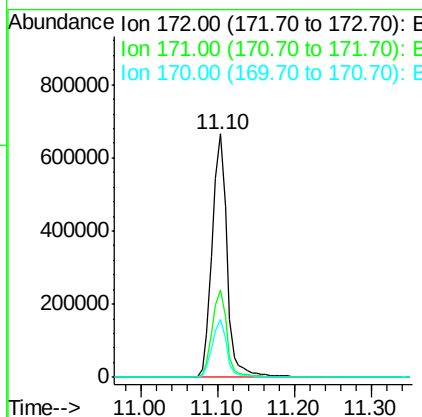
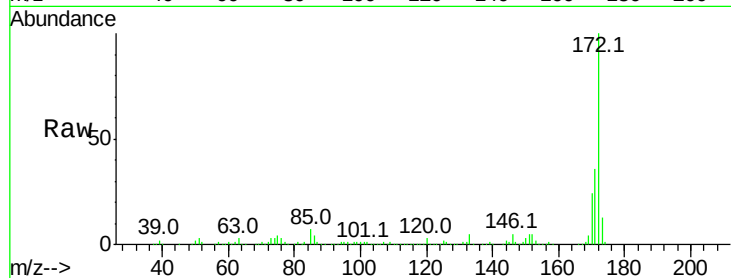




#44
2-Fluorobiphenyl
Concen: 95.33 ng
RT: 11.10 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF096108.D
Acq: 22 Jun 2017 5:52

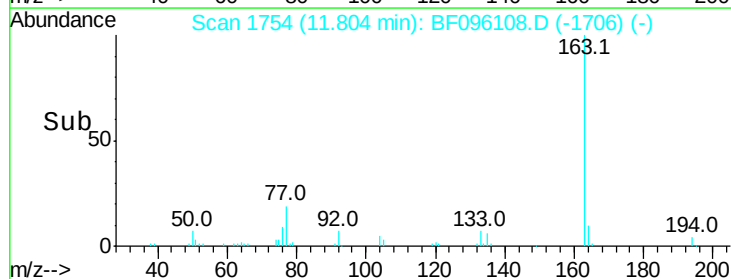
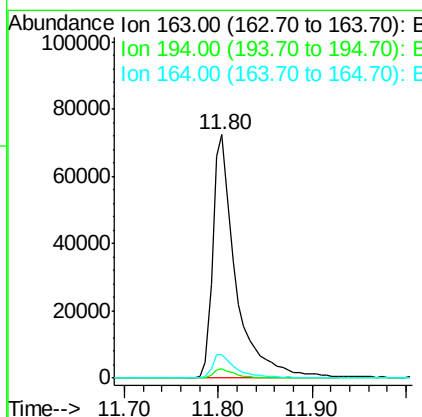
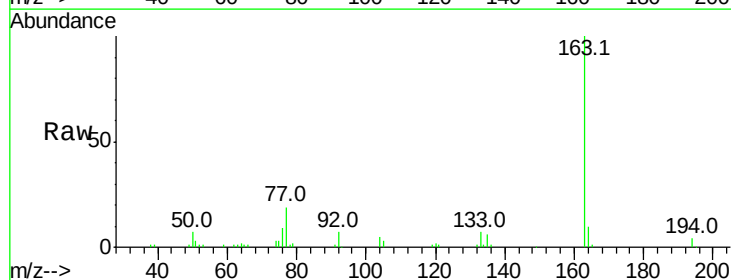
Instrument :
BNA_F
ClientSampleId :

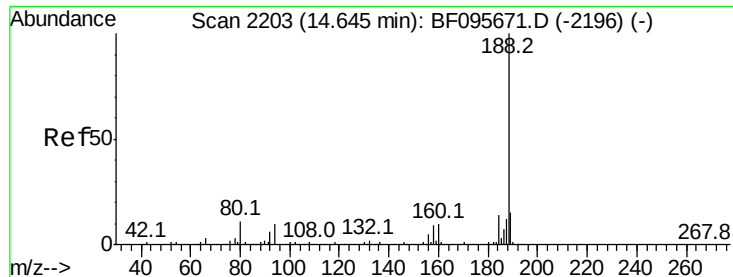
Tot Ion:172 Resp: 888459
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 12.69 ng
RT: 11.80 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096108.D
Acq: 22 Jun 2017 5:52

Tgt Ion:163 Resp: 124924
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.7 8.4 12.6

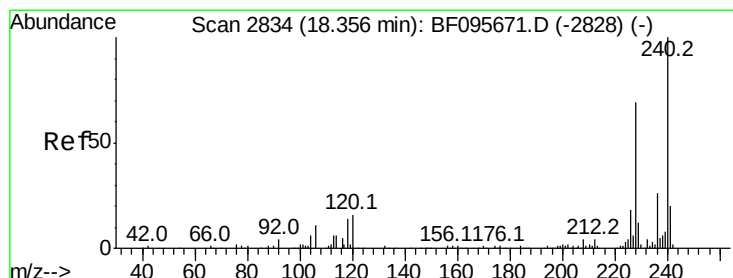
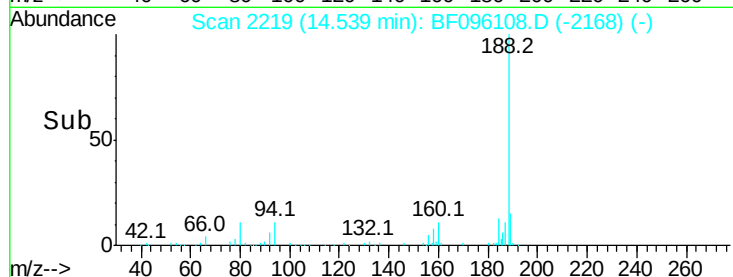
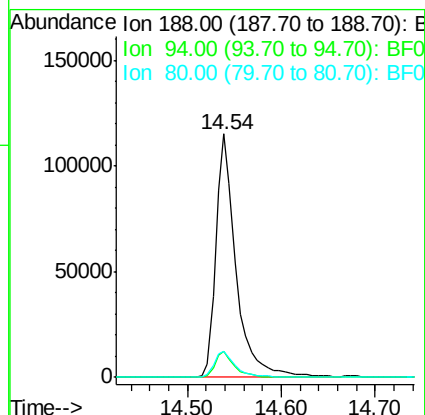
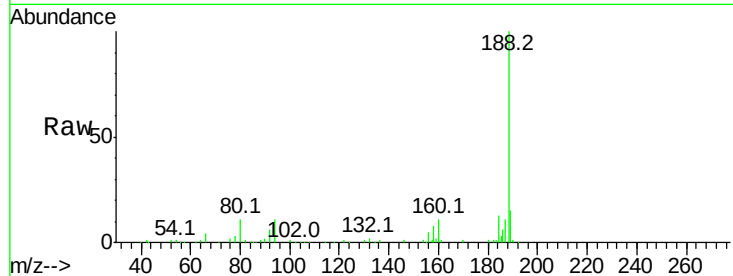




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096108.D
Acq: 22 Jun 2017 5:52

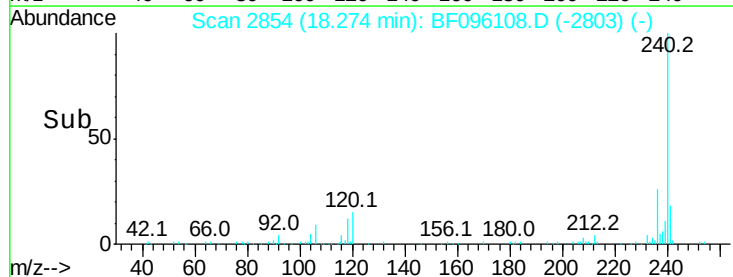
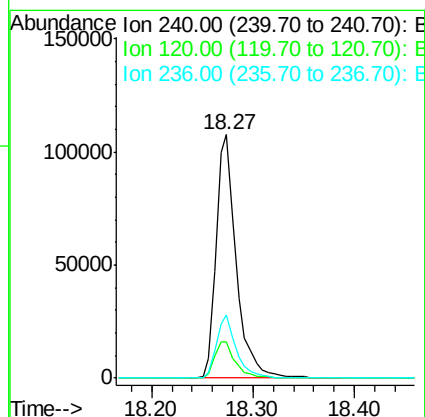
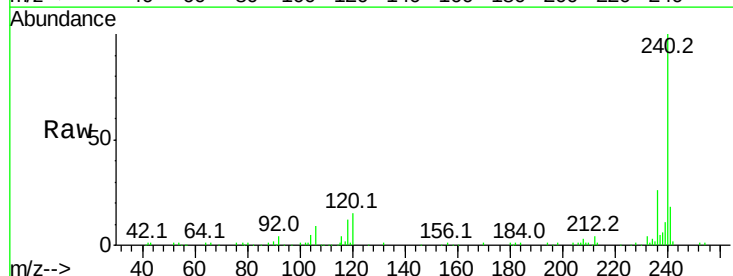
Instrument :
BNA_F
ClientSampleId :

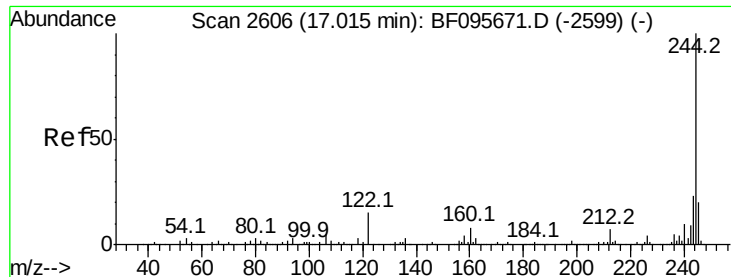
Tot Ion:188 Resp: 173740
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 10.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BF096108.D
Acq: 22 Jun 2017 5:52

Tgt Ion:240 Resp: 148060
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 25.8 20.5 30.7

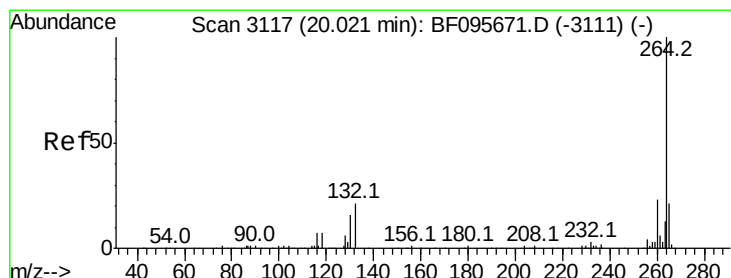
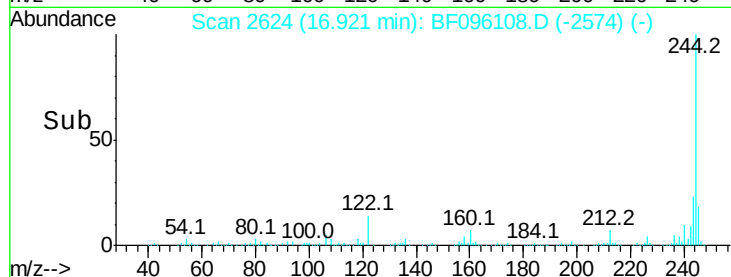
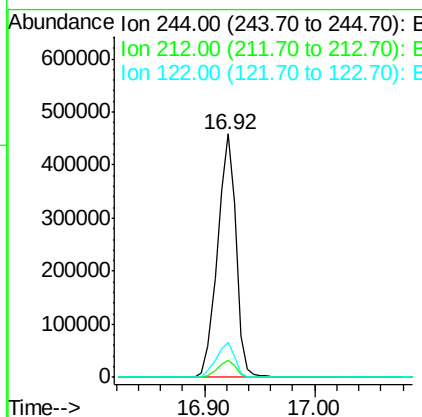
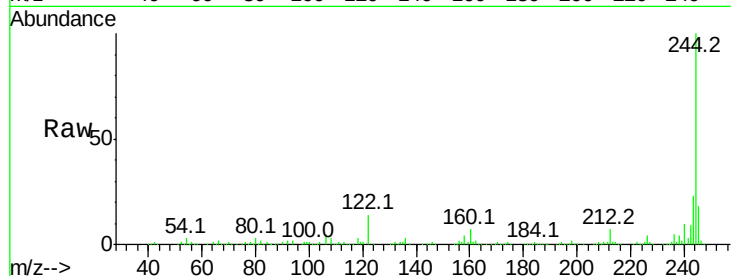




#78
 Terphenyl-d14
 Concen: 88.97 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096108.D
 Acq: 22 Jun 2017 5:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 530801
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.95 min Scan# 3139
 Delta R.T. 0.01 min
 Lab File: BF096108.D
 Acq: 22 Jun 2017 5:52

Tgt Ion:264 Resp: 96034
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 20.1 17.2 25.8

