

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096014.D
 Acq On : 19 Jun 2017 19:29
 Operator : SJ/MA
 Sample : I3724-01RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 20 01:07:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

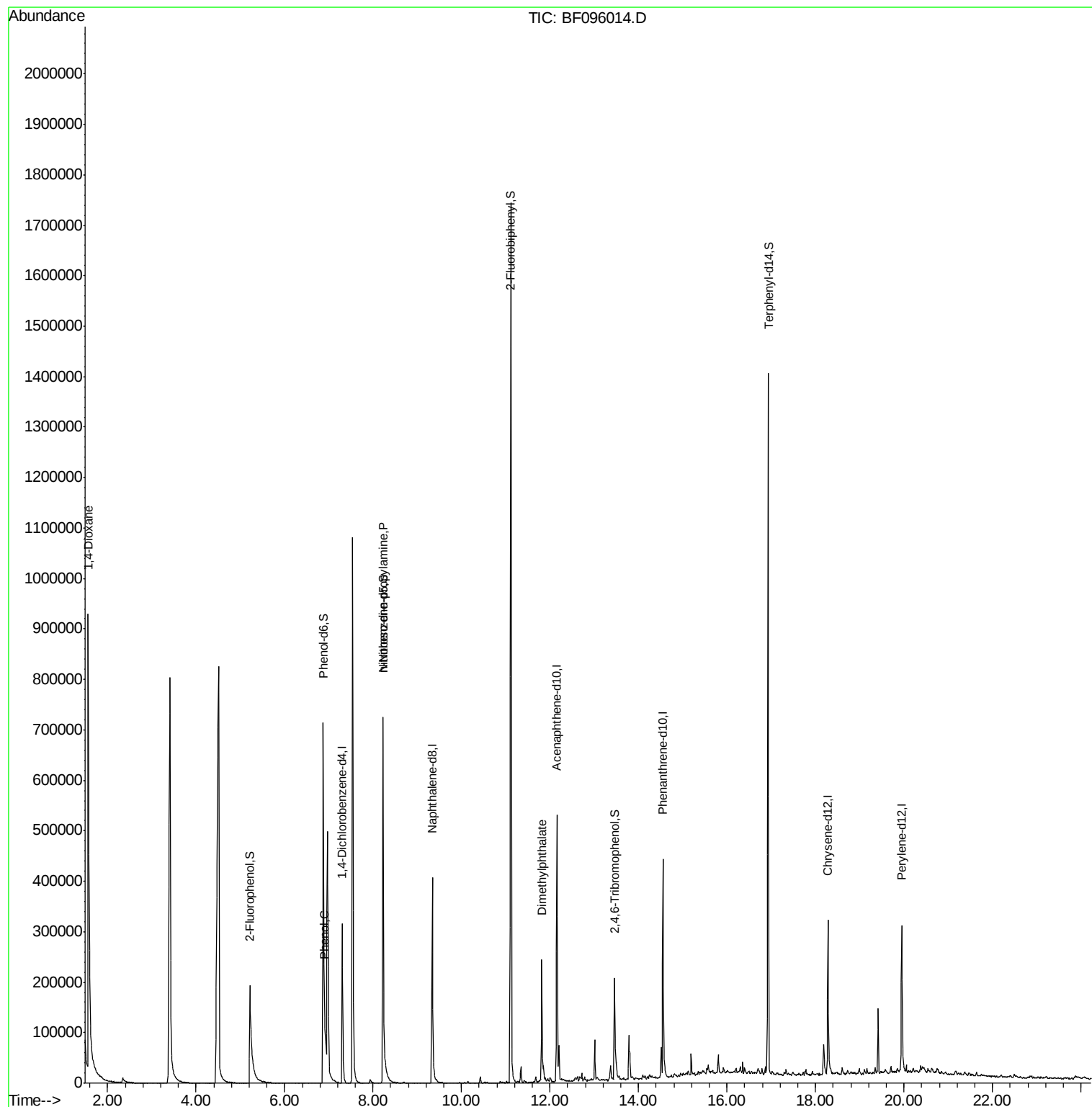
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	81918	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	343593	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	152502	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	253304	20.00	ng	-0.02
75) Chrysene-d12	18.28	240	165227	20.00	ng	-0.02
86) Perylene-d12	19.94	264	159150	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	211430	41.13	ng	0.00
7) Phenol-d6	6.87	99	553670	89.96	ng	-0.04
23) Nitrobenzene-d5	8.23	82	410875	74.27	ng	-0.02
41) 2,4,6-Tribromophenol	13.46	330	46415	34.40	ng	-0.02
44) 2-Fluorobiphenyl	11.12	172	817158	74.57	ng	-0.02
78) Terphenyl-d14	16.93	244	570408	85.68	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.56	88	45410	18.57	ng	# 21
10) Phenol	6.91	94	12808	2.01	ng	# 73
19) n-Nitroso-di-n-propylamine	8.23	70	50218	12.88	ng	# 74
49) Dimethylphthalate	11.82	163	163766	14.14	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.30 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF096014.D

Acq: 19 Jun 2017 19:29

Instrument :

BNA_F

ClientSampleId :

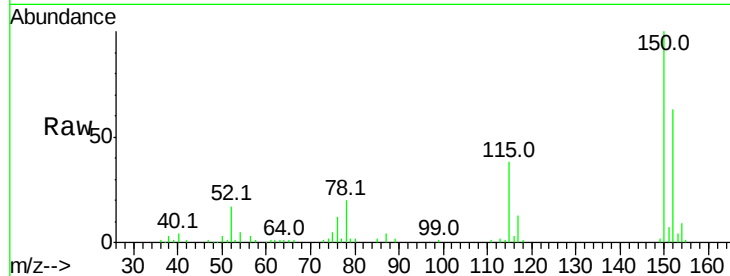
Tot Ion:152 Resp: 81918

Ion Ratio Lower Upper

152 100

150 158.8 126.2 189.2

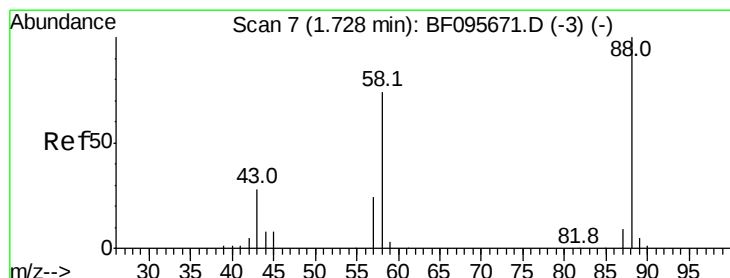
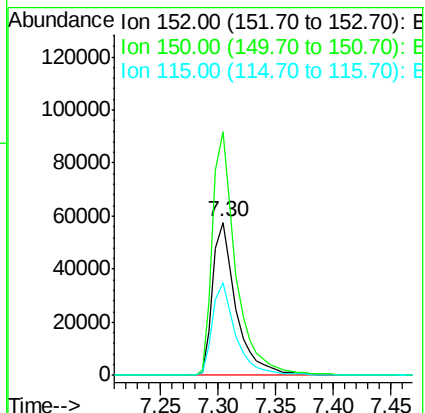
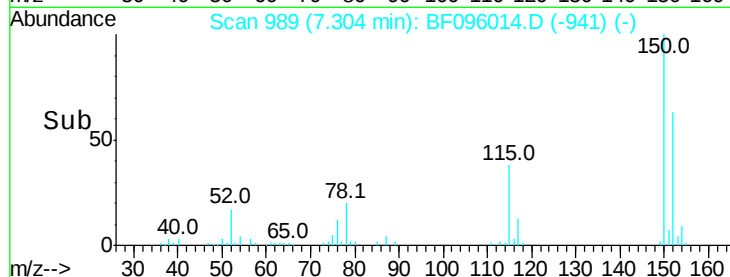
115 60.3 52.2 78.2



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



#2

1,4-Dioxane

Concen: 18.57 ng

RT: 1.56 min Scan# 13

Delta R.T. -0.07 min

Lab File: BF096014.D

Acq: 19 Jun 2017 19:29

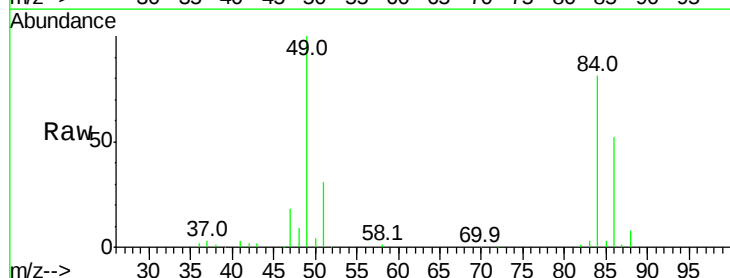
Tgt Ion: 88 Resp: 45410

Ion Ratio Lower Upper

88 100

58 0.0 61.4 92.0#

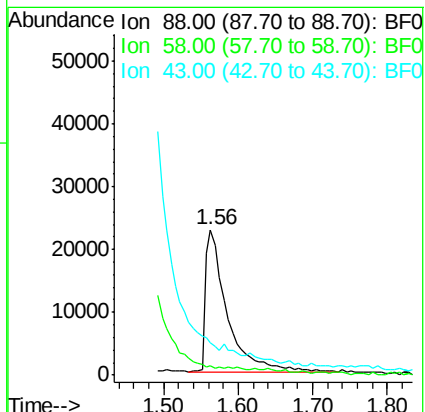
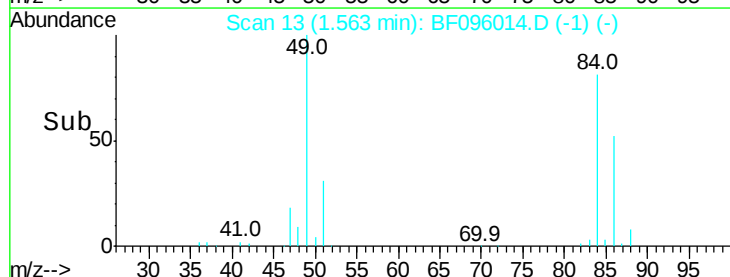
43 0.0 23.4 35.0#

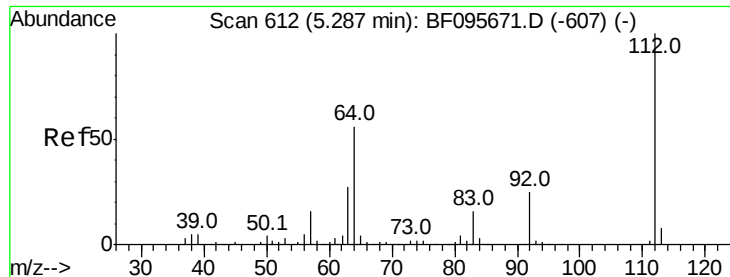


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 41.13 ng

RT: 5.22 min Scan# 634

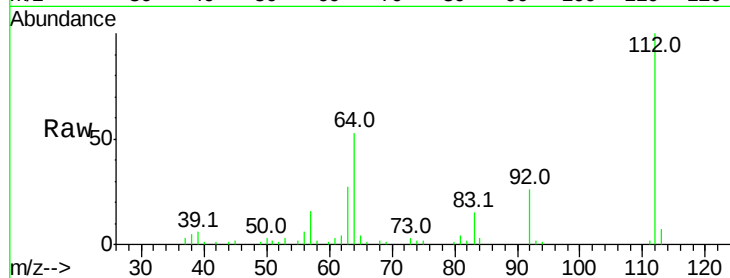
Delta R.T. 0.00 min

Lab File: BF096014.D

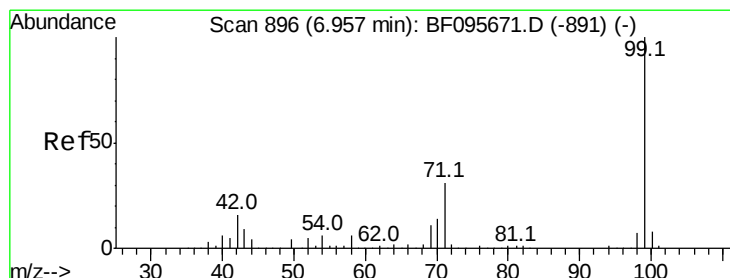
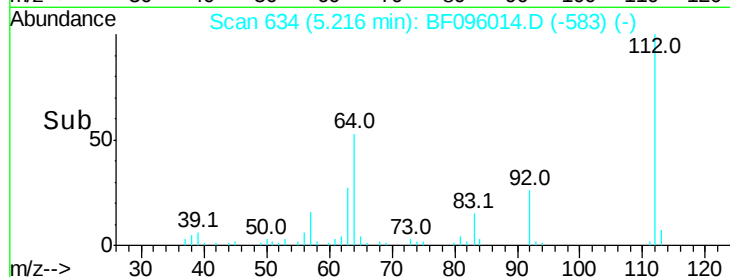
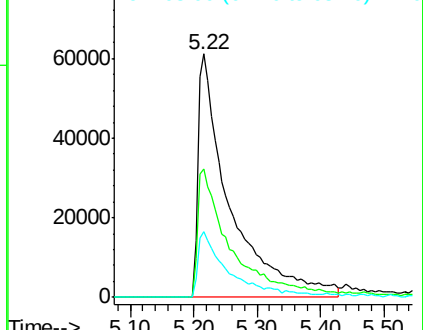
Acq: 19 Jun 2017 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	211430
Ion	Ratio	Lower	Upper
112	100		
64	52.8	46.0	69.0
63	26.8	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#7

Phenol-d6

Concen: 89.96 ng

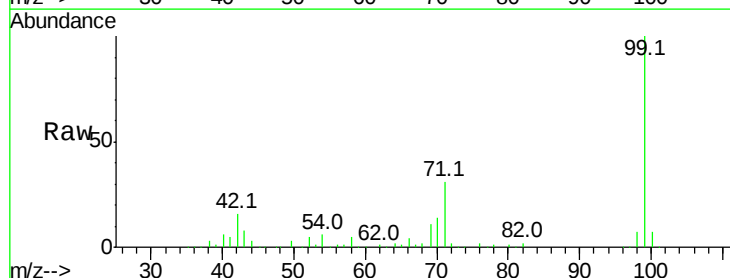
RT: 6.87 min Scan# 916

Delta R.T. -0.04 min

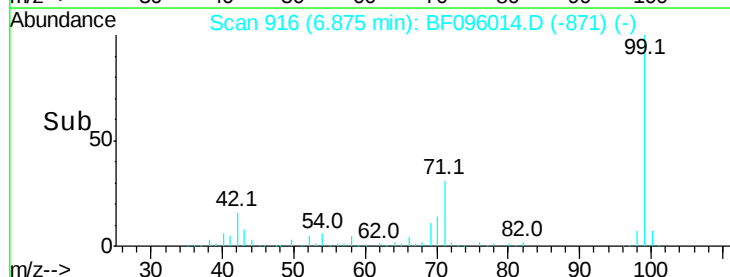
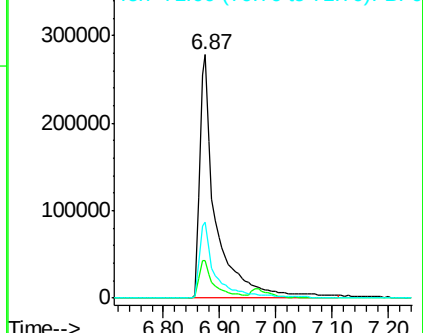
Lab File: BF096014.D

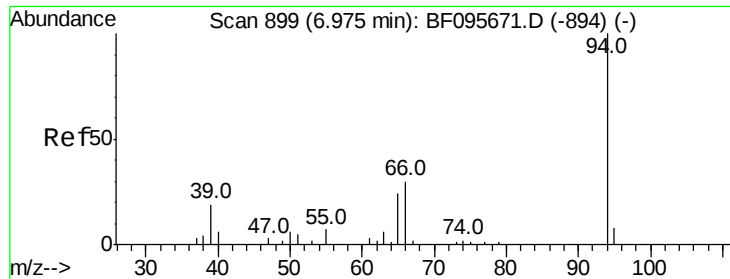
Acq: 19 Jun 2017 19:29

Tgt Ion:	99	Resp:	553670
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	31.0	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0





#10

Phenol

Concen: 2.01 ng

RT: 6.91 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF096014.D

Acq: 19 Jun 2017 19:29

Instrument :

BNA_F

ClientSampleId :

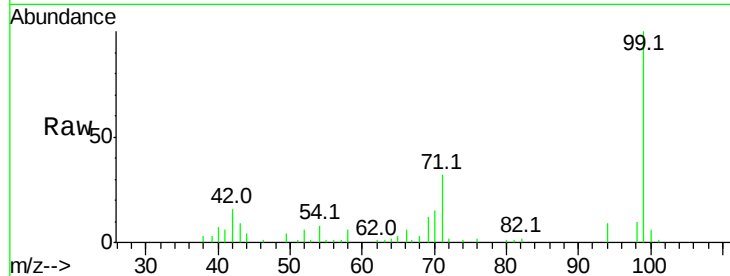
Tot Ion: 94 Resp: 12808

Ion Ratio Lower Upper

94 100

65 29.4 9.9 49.9

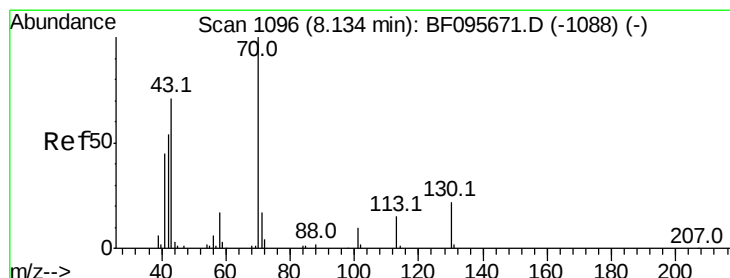
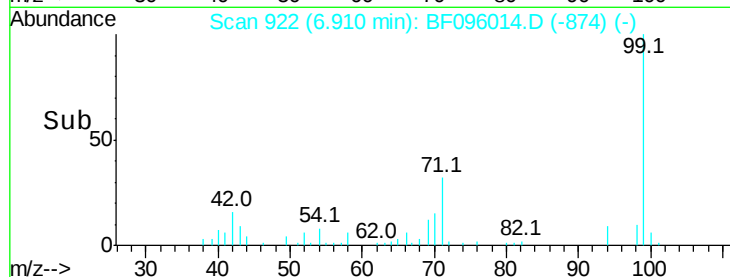
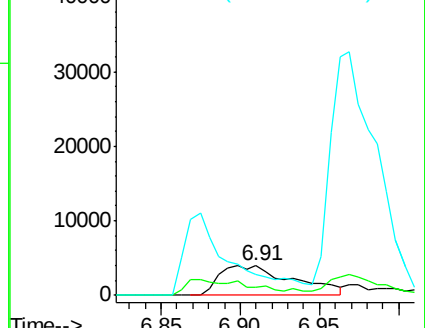
66 71.5 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 12.88 ng

RT: 8.23 min Scan# 1146

Delta R.T. 0.16 min

Lab File: BF096014.D

Acq: 19 Jun 2017 19:29

Tgt Ion: 70 Resp: 50218

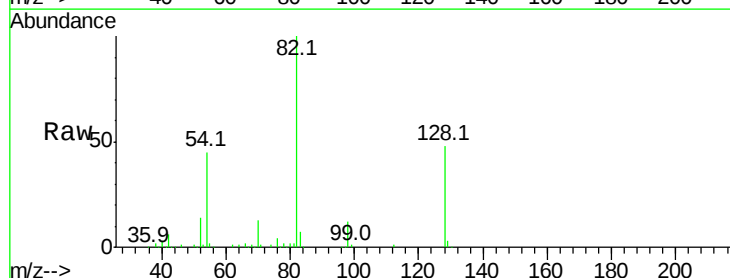
Ion Ratio Lower Upper

70 100

42 42.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

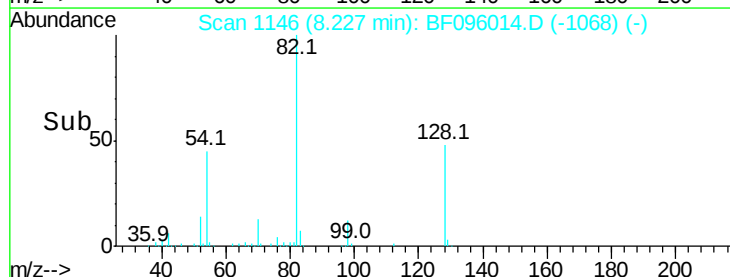
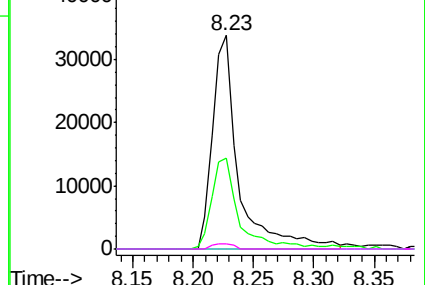


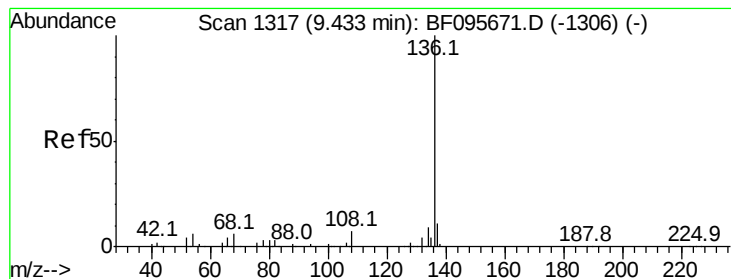
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.34 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF096014.D

Acq: 19 Jun 2017 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 343593

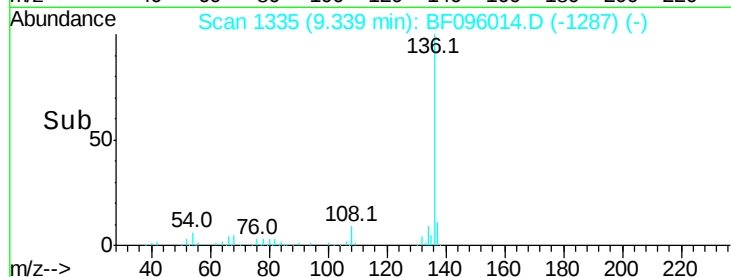
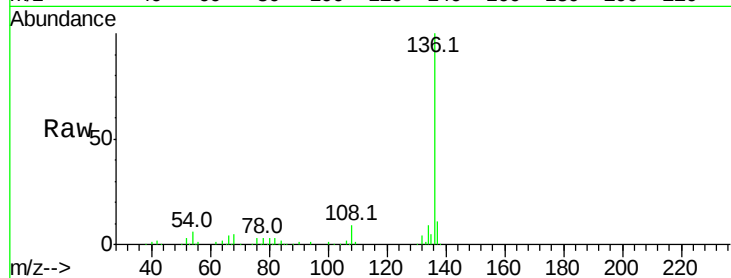
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.0 4.9 7.3

68 5.2 4.1 6.1

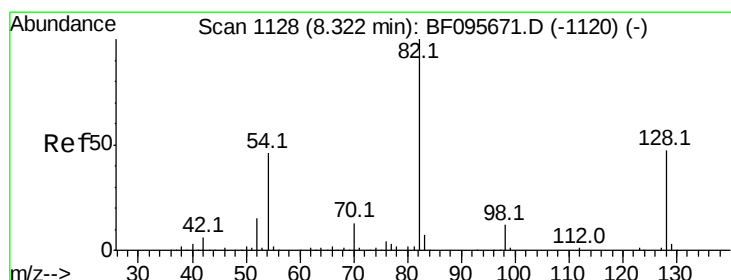
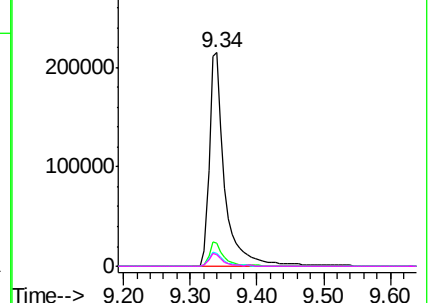


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.27 ng

RT: 8.23 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF096014.D

Acq: 19 Jun 2017 19:29

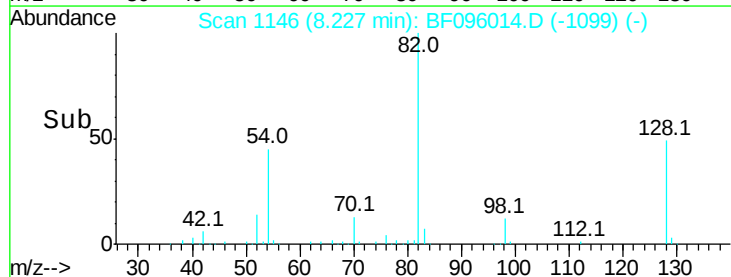
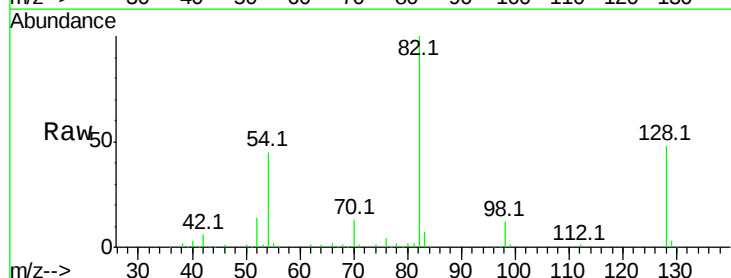
Tgt Ion: 82 Resp: 410875

Ion Ratio Lower Upper

82 100

128 48.4 34.0 51.0

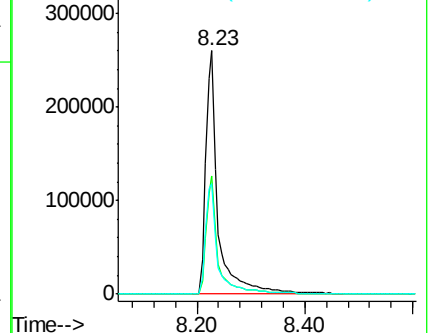
54 45.4 42.2 63.2

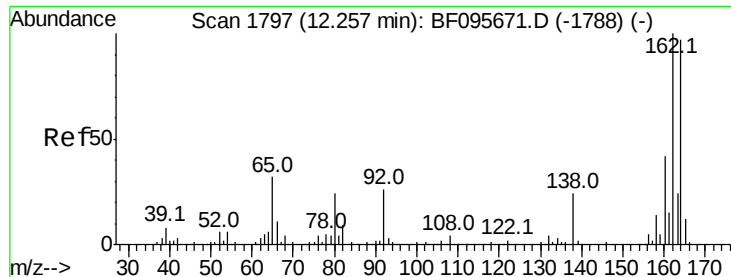


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

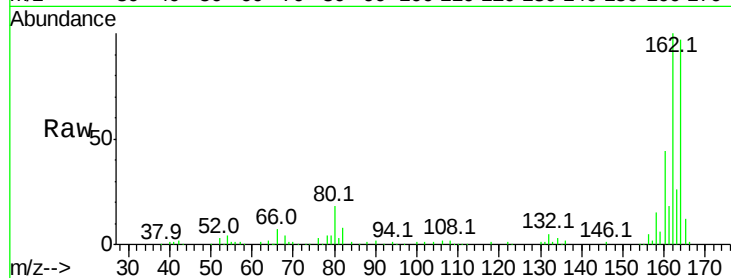




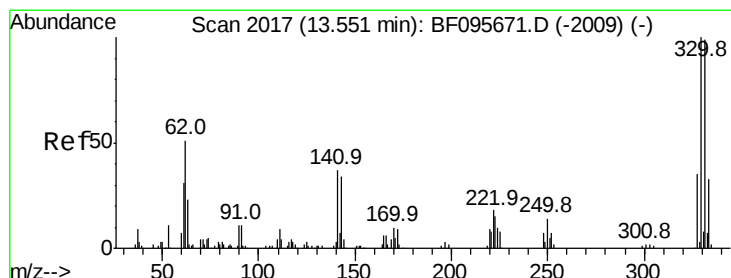
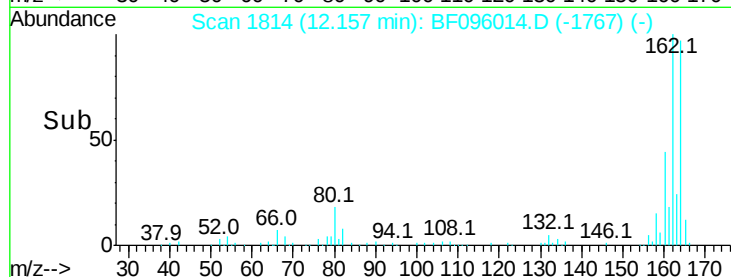
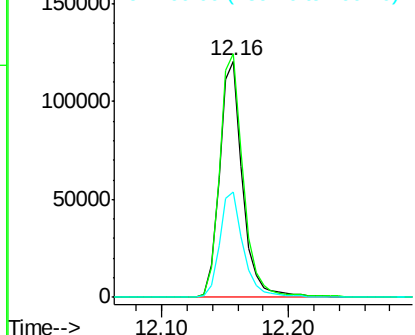
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.16 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BF096014.D
 Acq: 19 Jun 2017 19:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 152502
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 44.9 36.2 54.2

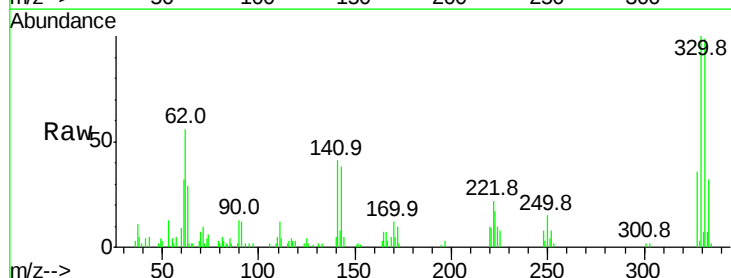


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

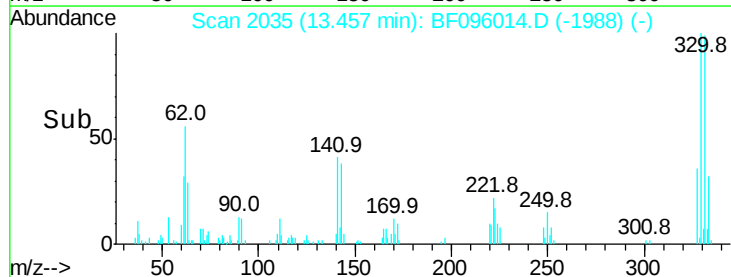
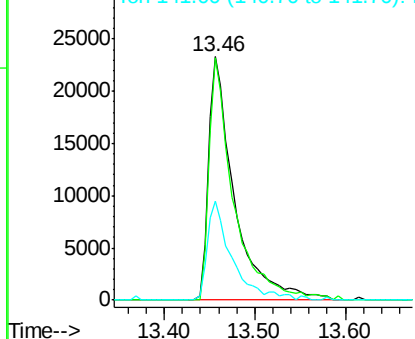


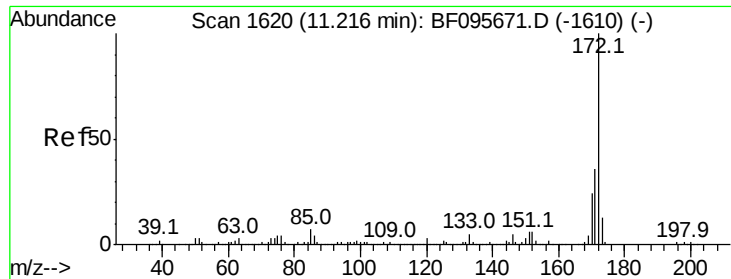
#41
 2,4,6-Tribromophenol
 Concen: 34.40 ng
 RT: 13.46 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BF096014.D
 Acq: 19 Jun 2017 19:29

Tgt Ion:330 Resp: 46415
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 38.5 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

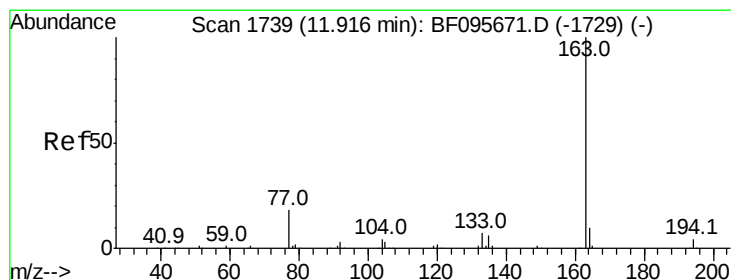
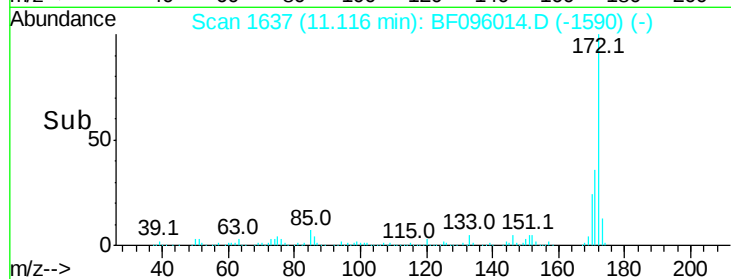
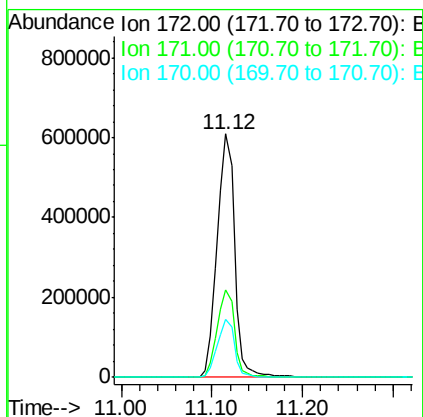
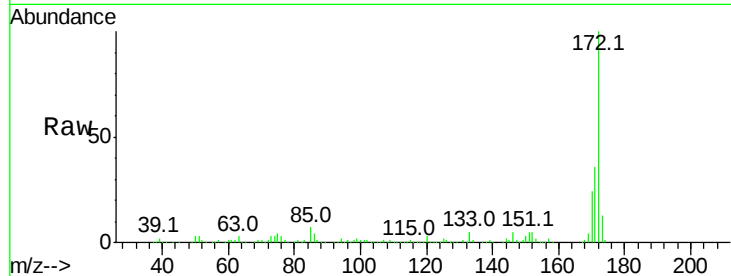




#44
2-Fluorobiphenyl
Concen: 74.57 ng
RT: 11.12 min Scan# 1637
Delta R.T. -0.02 min
Lab File: BF096014.D
Acq: 19 Jun 2017 19:29

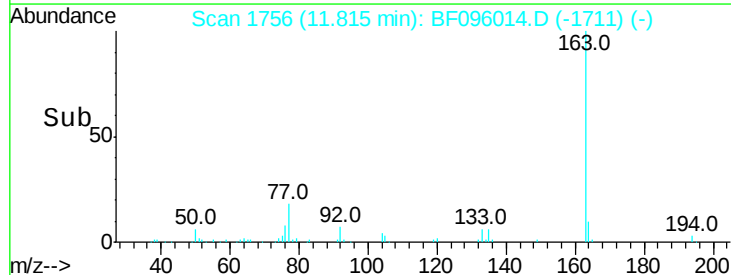
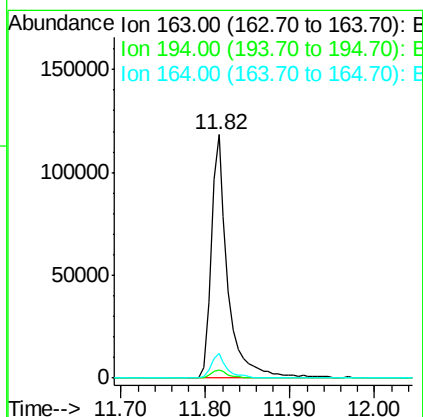
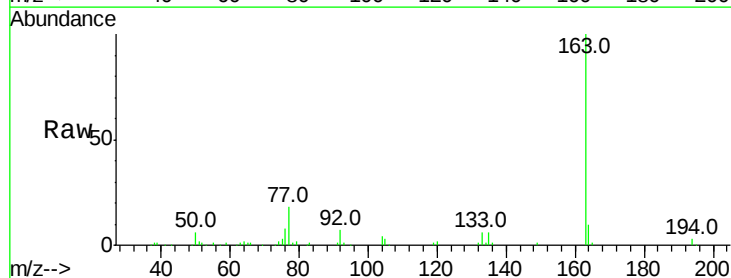
Instrument :
BNA_F
ClientSampleId :

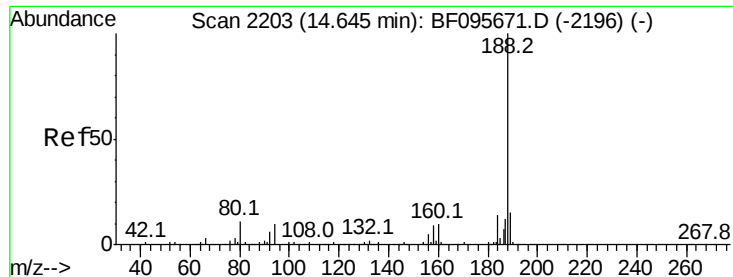
Tot Ion:172 Resp: 817158
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.6 19.8 29.8



#49
Dimethylphthalate
Concen: 14.14 ng
RT: 11.82 min Scan# 1756
Delta R.T. -0.04 min
Lab File: BF096014.D
Acq: 19 Jun 2017 19:29

Tgt Ion:163 Resp: 163766
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.0 8.4 12.6

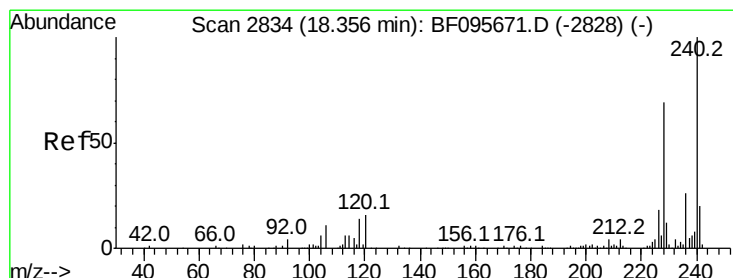
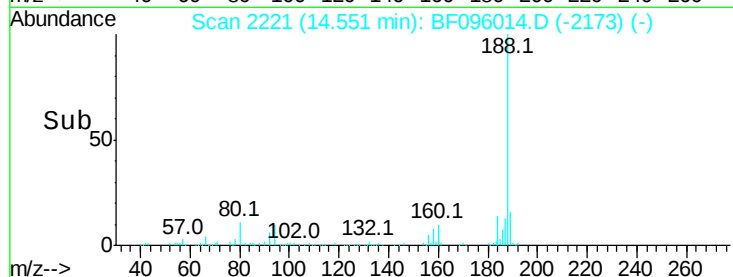
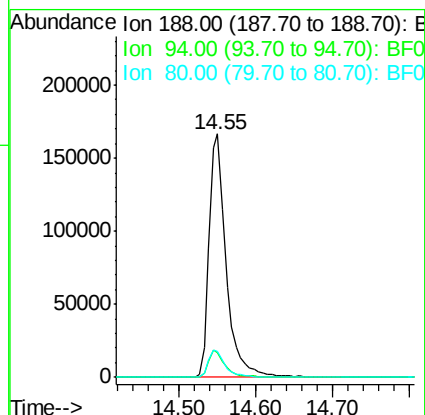
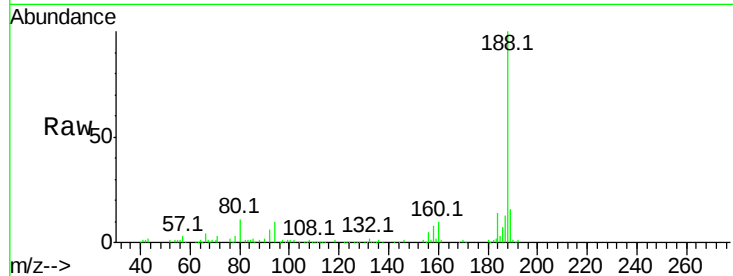




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.55 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF096014.D
Acq: 19 Jun 2017 19:29

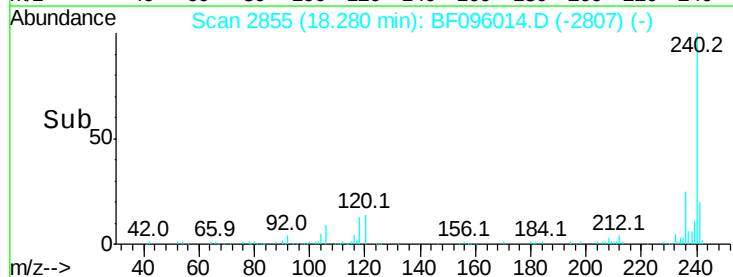
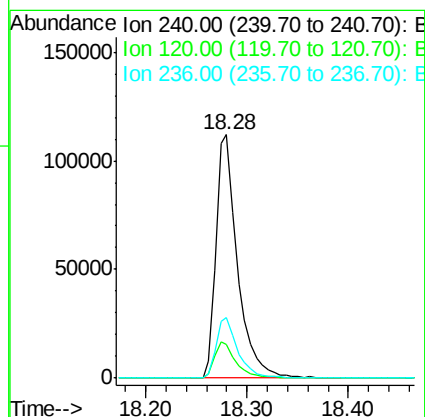
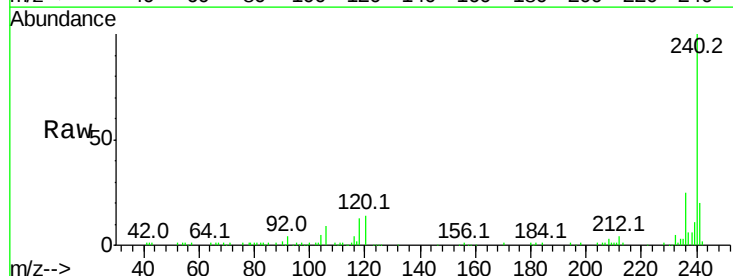
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 253304
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.28 min Scan# 2855
Delta R.T. -0.02 min
Lab File: BF096014.D
Acq: 19 Jun 2017 19:29

Tgt Ion:240 Resp: 165227
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 24.7 20.5 30.7

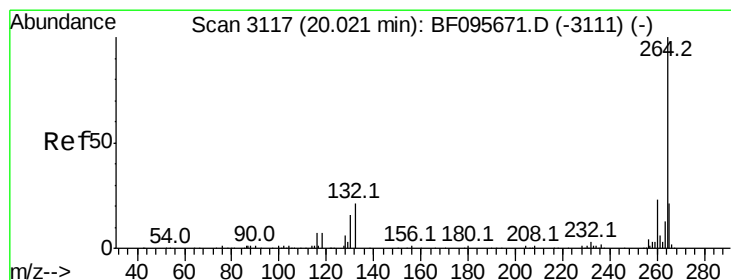
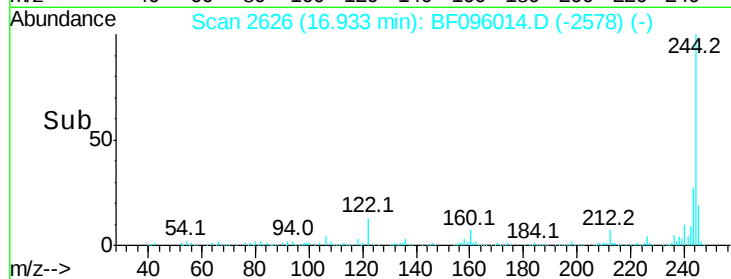
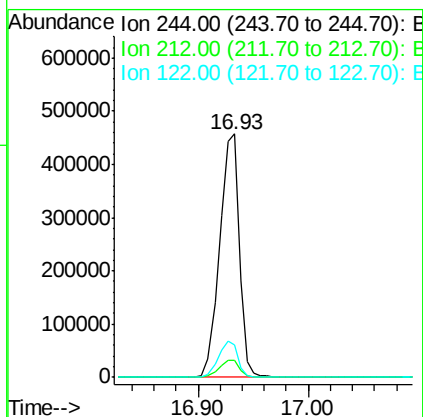
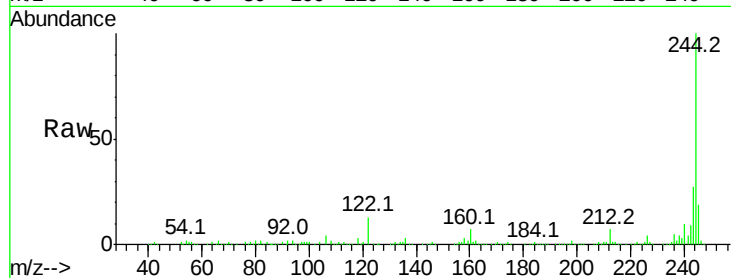




#78
 Terphenyl-d14
 Concen: 85.68 ng
 RT: 16.93 min Scan# 2626
 Delta R.T. -0.02 min
 Lab File: BF096014.D
 Acq: 19 Jun 2017 19:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 570408
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. -0.02 min
 Lab File: BF096014.D
 Acq: 19 Jun 2017 19:29

Tgt Ion:264 Resp: 159150
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.5 29.3
 265 20.9 17.2 25.8

