

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096142.D
 Acq On : 23 Jun 2017 3:14
 Operator : SJ/MA
 Sample : I3811-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 03:58:24 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

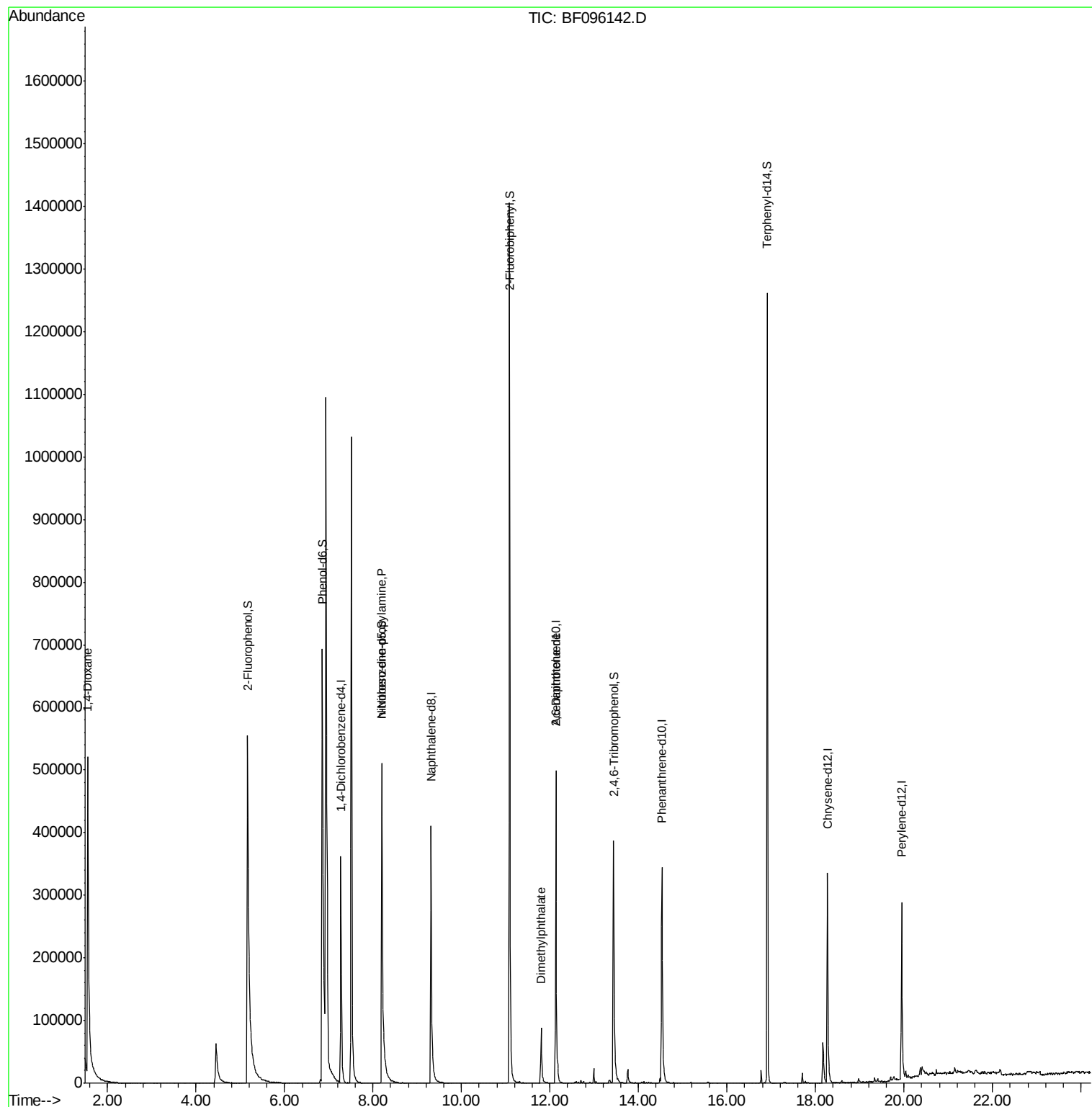
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	92731	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	370676	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	157801	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	240241	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	184057	20.00	ng	0.00
86) Perylene-d12	19.94	264	157135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	531231	91.28	ng	-0.02
7) Phenol-d6	6.85	99	670712	96.27	ng	-0.02
23) Nitrobenzene-d5	8.20	82	368922	61.81	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	92106	65.97	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	692531	61.07	ng	-0.02
78) Terphenyl-d14	16.91	244	490841	66.18	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.55	88	30773	11.12	ng	# 21
19) n-Nitroso-di-n-propylamine	8.20	70	43996	9.96	ng	# 75
49) Dimethylphthalate	11.80	163	80434	6.71	ng	99
50) 2,6-Dinitrotoluene	12.13	165	18917	7.24	ng	# 31

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

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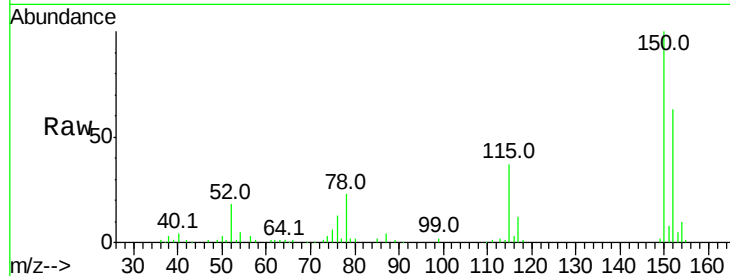


#1

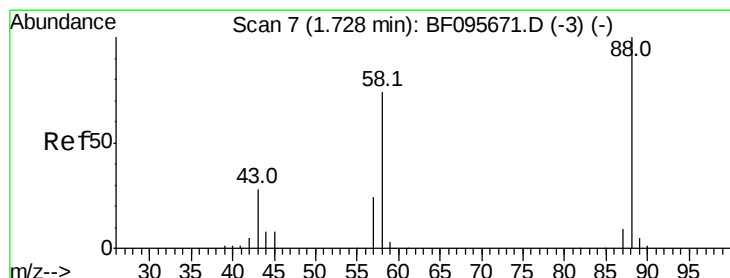
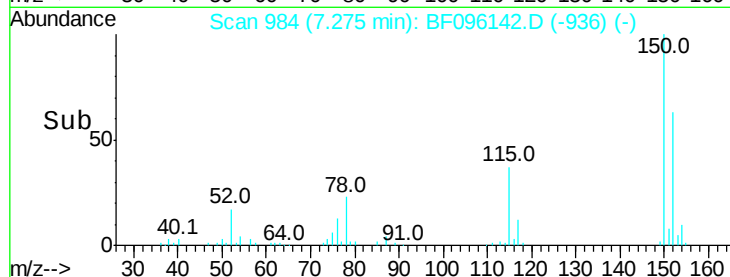
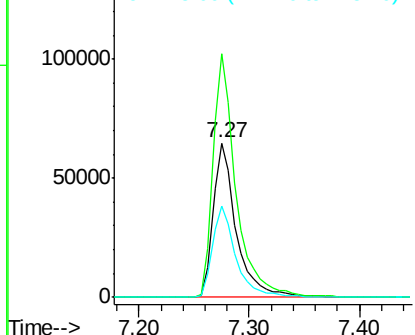
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096142.D
Acq: 23 Jun 2017 3:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 92731
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 59.1 52.2 78.2



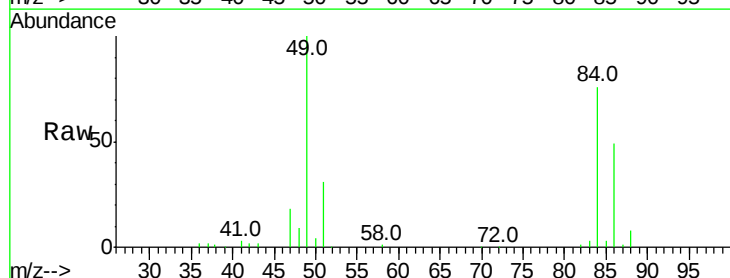
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



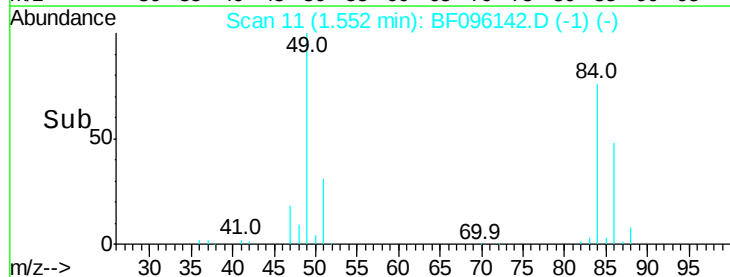
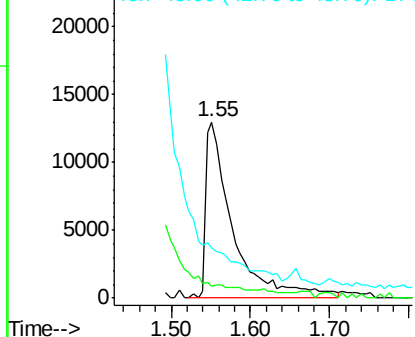
#2

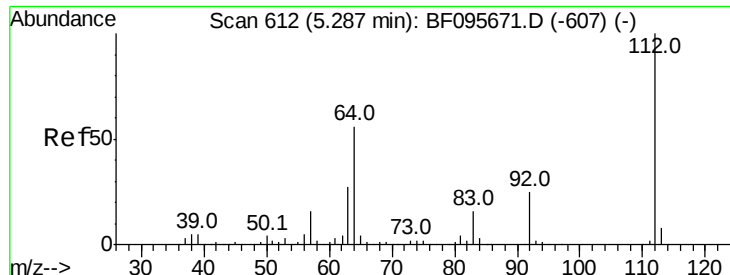
1,4-Dioxane
Concen: 11.12 ng
RT: 1.55 min Scan# 11
Delta R.T. -0.06 min
Lab File: BF096142.D
Acq: 23 Jun 2017 3:14

Tgt Ion: 88 Resp: 30773
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: 91.28 ng

RT: 5.16 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF096142.D

Acq: 23 Jun 2017 3:14

Instrument :

BNA_F

ClientSampled :

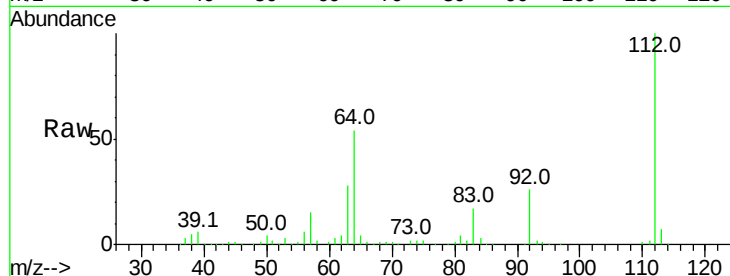
Tot Ion: 112 Resp: 531231

Ion Ratio Lower Upper

112 100

64 54.2 46.0 69.0

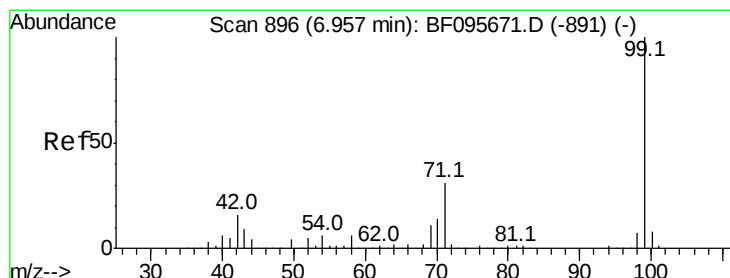
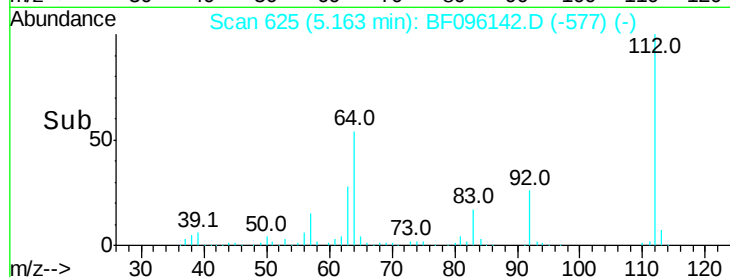
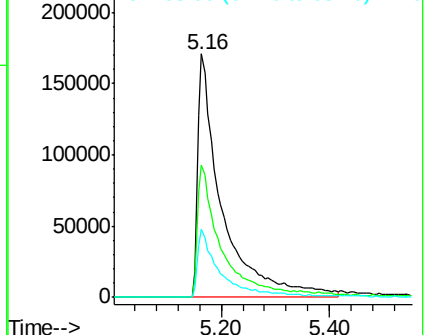
63 28.1 23.4 35.0



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: 96.27 ng

RT: 6.85 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF096142.D

Acq: 23 Jun 2017 3:14

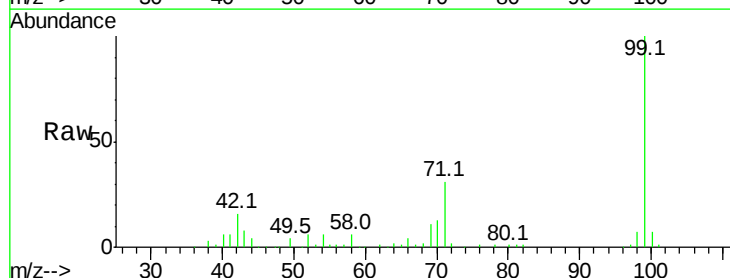
Tgt Ion: 99 Resp: 670712

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

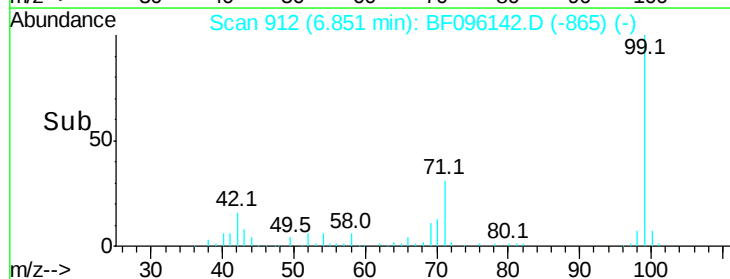
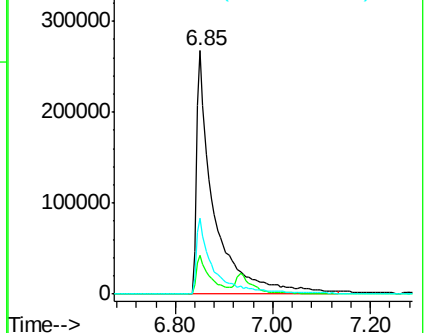
71 31.0 24.5 36.7

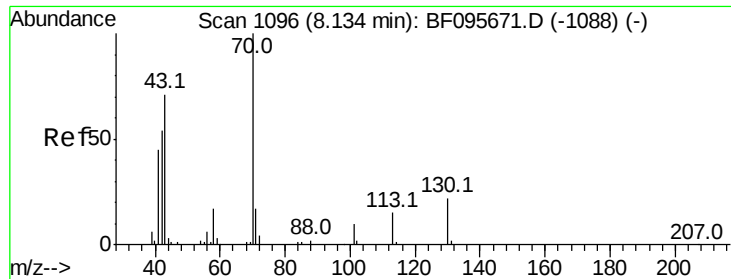


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 9.96 ng

RT: 8.20 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BF096142.D

Acq: 23 Jun 2017 3:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 43996

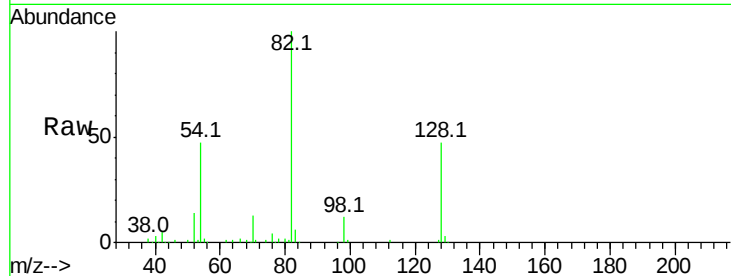
Ion Ratio Lower Upper

70 100

42 43.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.9 15.9 23.9#

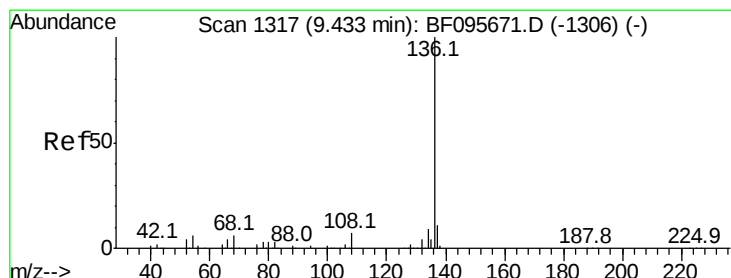
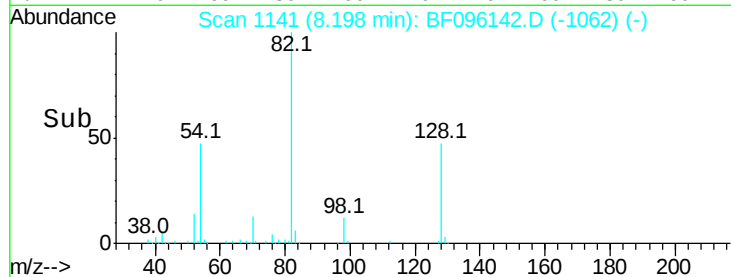
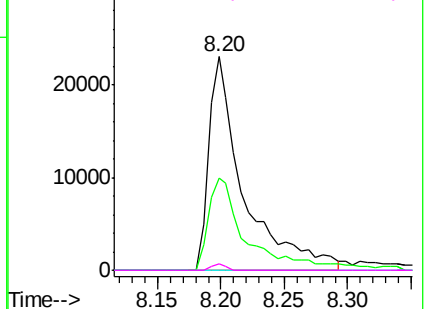


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.31 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096142.D

Acq: 23 Jun 2017 3:14

Tgt Ion: 136 Resp: 370676

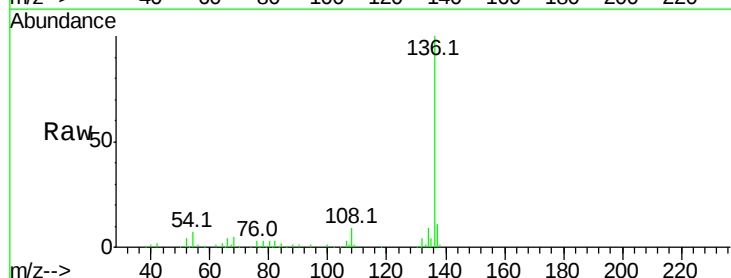
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.6 4.9 7.3

68 5.5 4.1 6.1

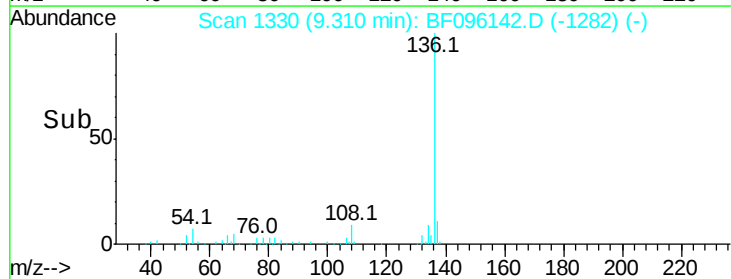
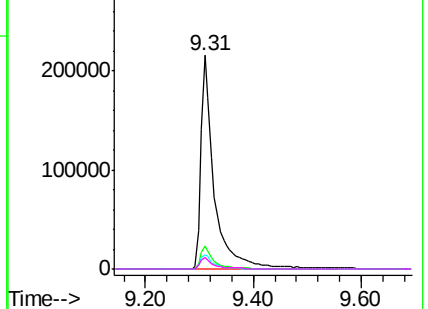


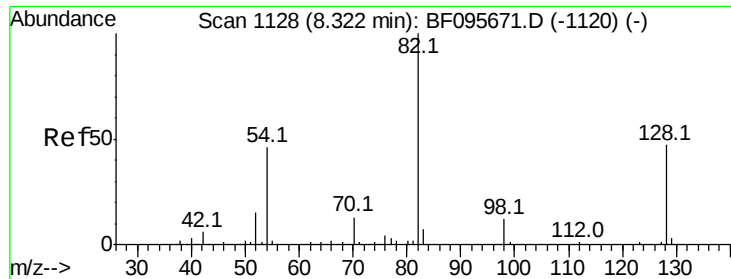
Abundance Ion 136.00 (135.70 to 136.70): E

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

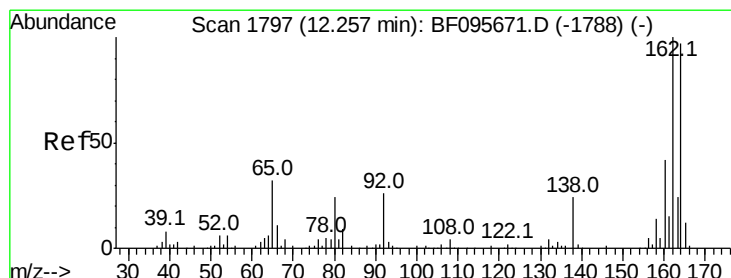
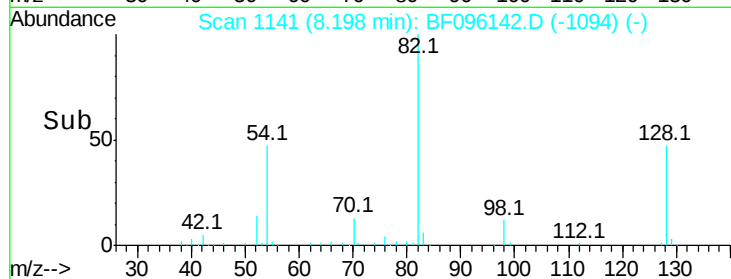
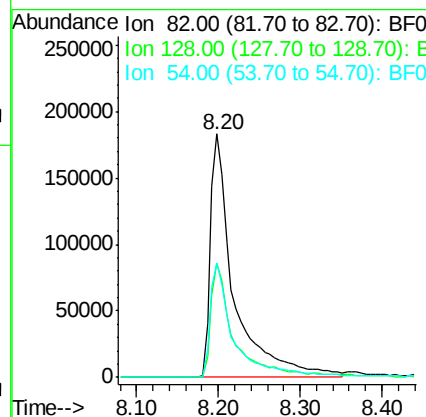
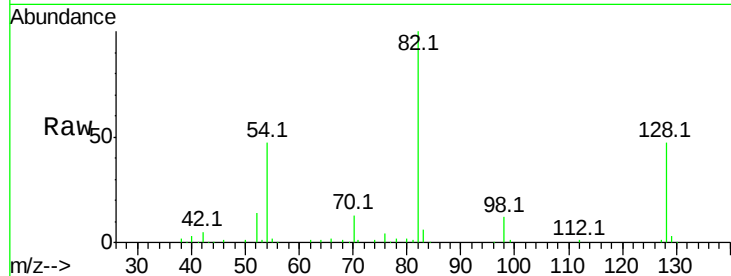




#23
 Nitrobenzene-d5
 Concen: 61.81 ng
 RT: 8.20 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF096142.D
 Acq: 23 Jun 2017 3:14

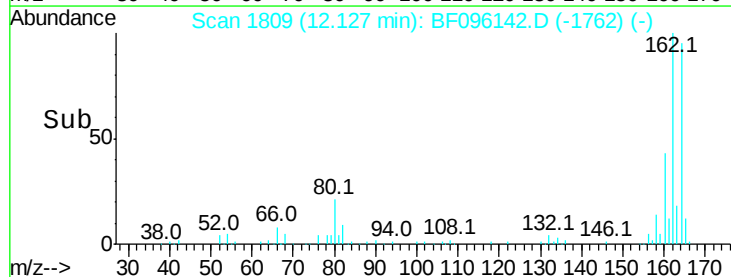
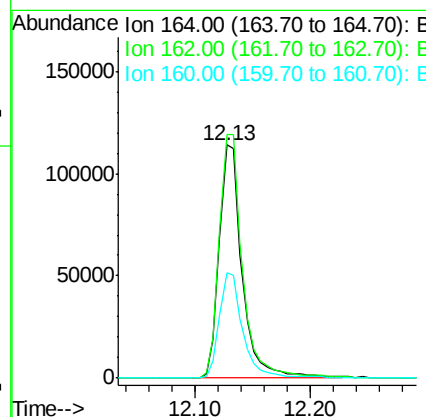
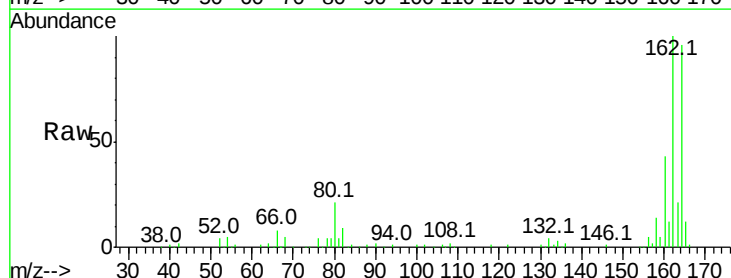
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 368922
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 47.2 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.13 min Scan# 1809
 Delta R.T. -0.02 min
 Lab File: BF096142.D
 Acq: 23 Jun 2017 3:14

Tgt Ion:164 Resp: 157801
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.6 123.8
 160 45.0 36.2 54.2

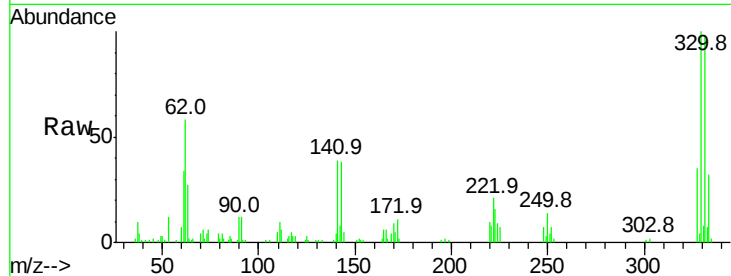




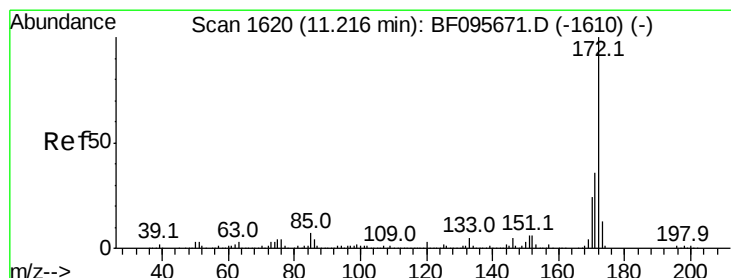
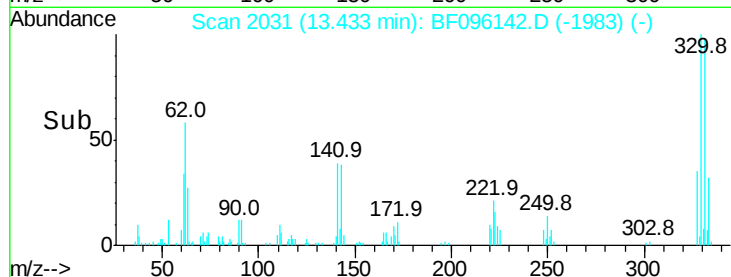
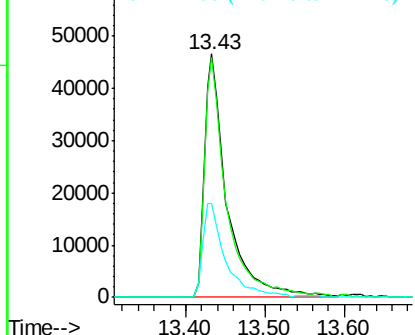
#41
2,4,6-Tribromophenol
Concen: 65.97 ng
RT: 13.43 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF096142.D
Acq: 23 Jun 2017 3:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:330 Resp: 92106
Ion Ratio Lower Upper
330 100
332 95.3 76.6 115.0
141 39.0 31.4 47.2

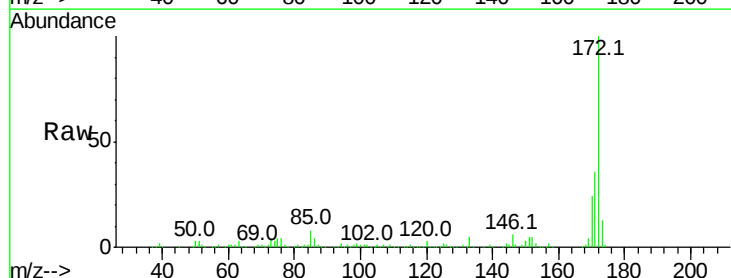


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

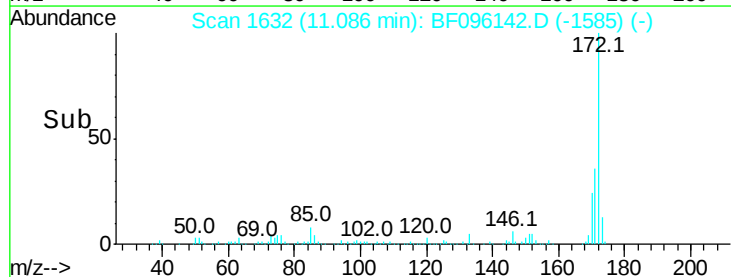
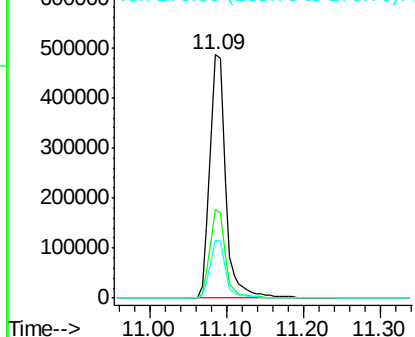


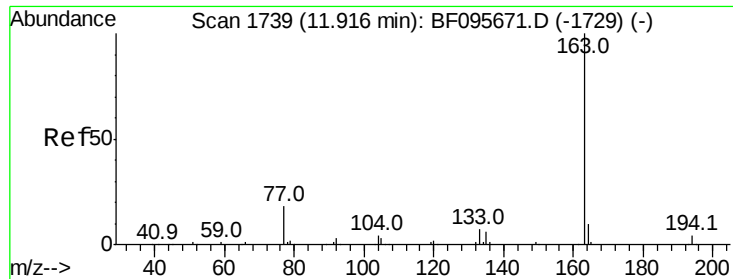
#44
2-Fluorobiphenyl
Concen: 61.07 ng
RT: 11.09 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF096142.D
Acq: 23 Jun 2017 3:14

Tgt Ion:172 Resp: 692531
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.9 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: 6.71 ng

RT: 11.80 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF096142.D

Acq: 23 Jun 2017 3:14

Instrument :

BNA_F

ClientSampled :

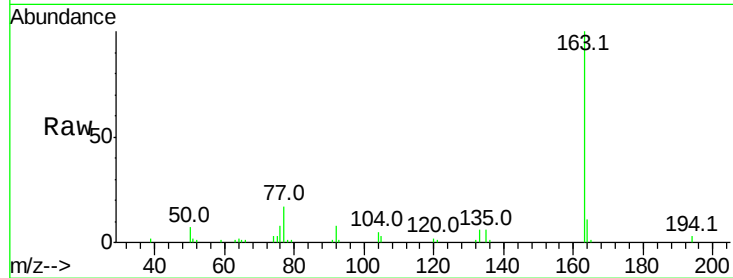
Tot Ion:163 Resp: 80434

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

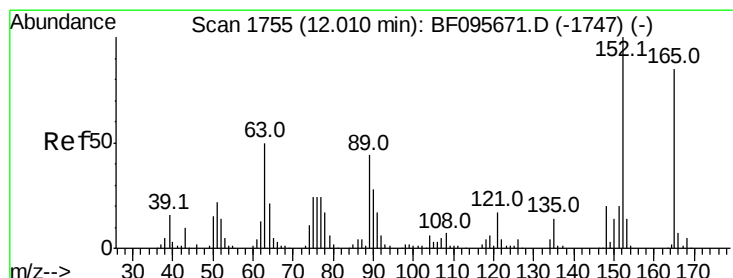
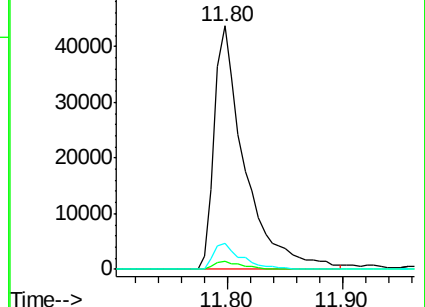
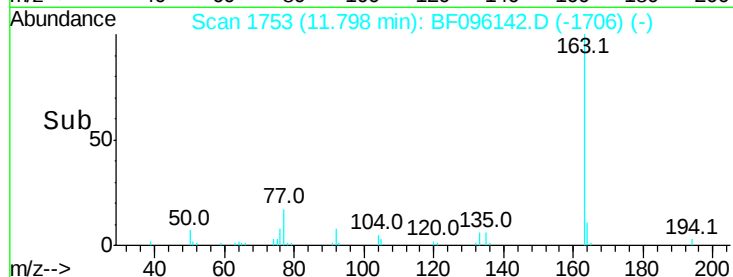
164 10.9 8.4 12.6



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: 7.24 ng

RT: 12.13 min Scan# 1809

Delta R.T. 0.21 min

Lab File: BF096142.D

Acq: 23 Jun 2017 3:14

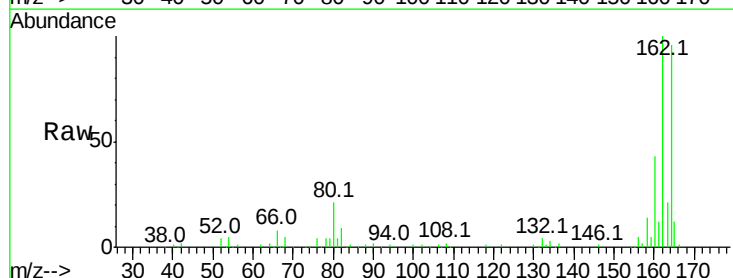
Tgt Ion:165 Resp: 18917

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

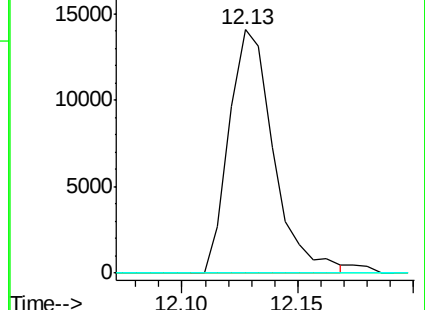
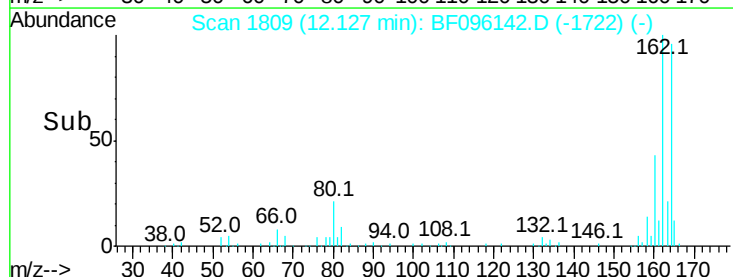
89 0.0 37.1 55.7#

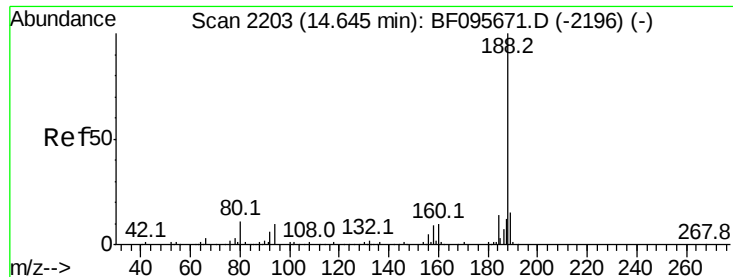


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

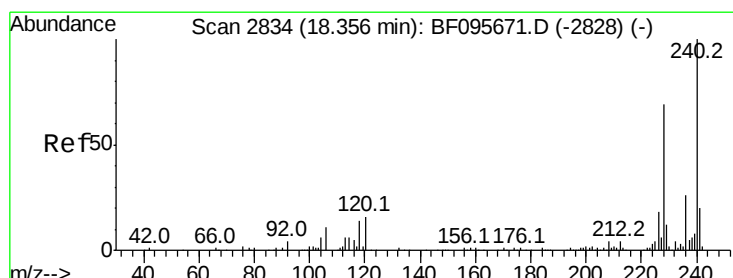
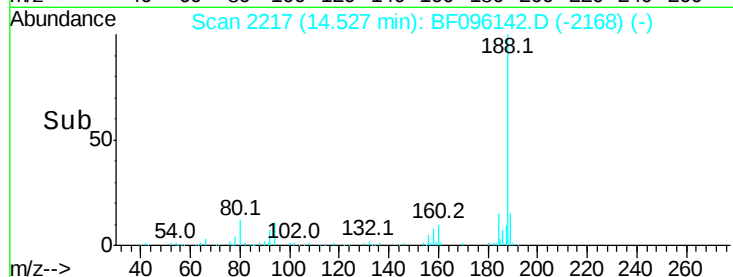
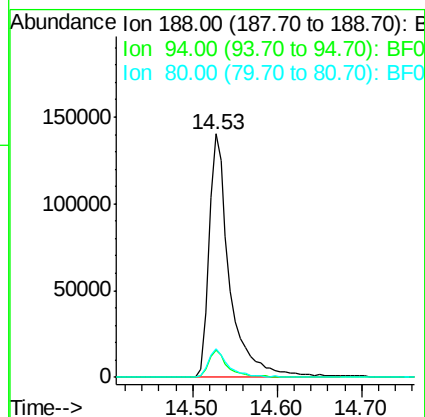
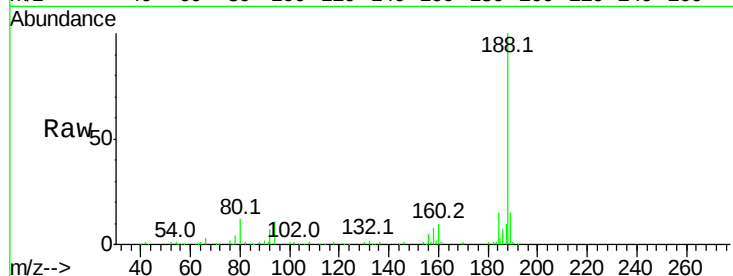




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096142.D
Acq: 23 Jun 2017 3:14

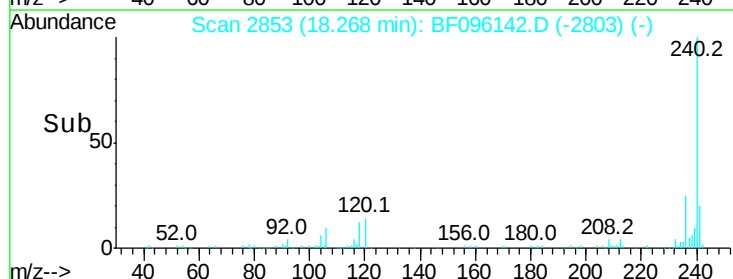
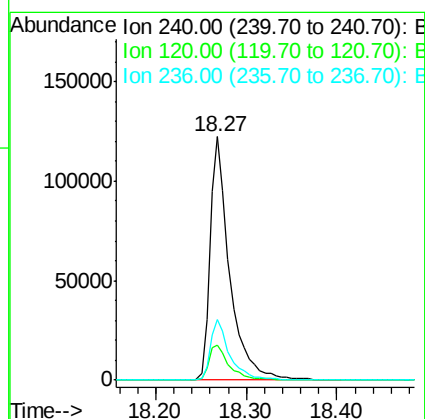
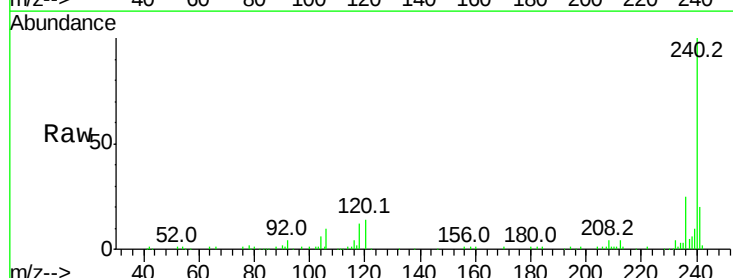
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 240241
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096142.D
Acq: 23 Jun 2017 3:14

Tgt Ion:240 Resp: 184057
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 24.8 20.5 30.7

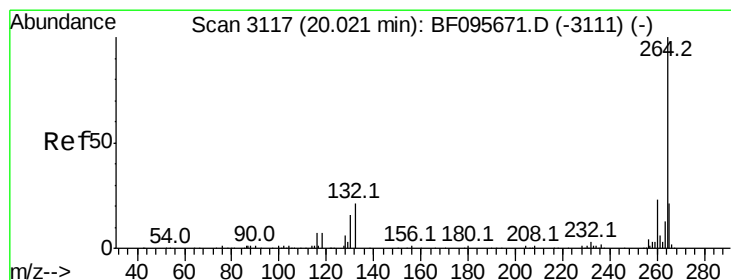
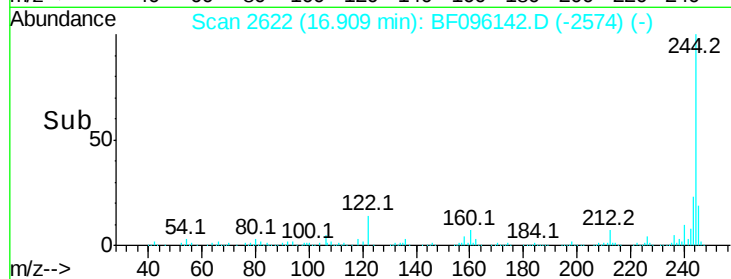
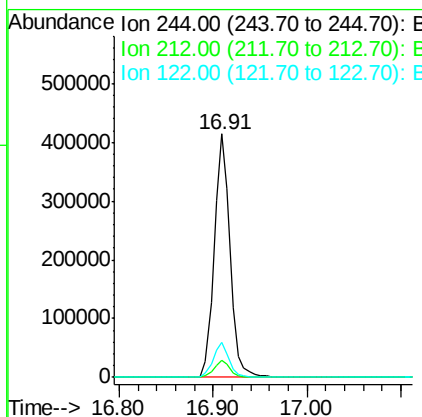
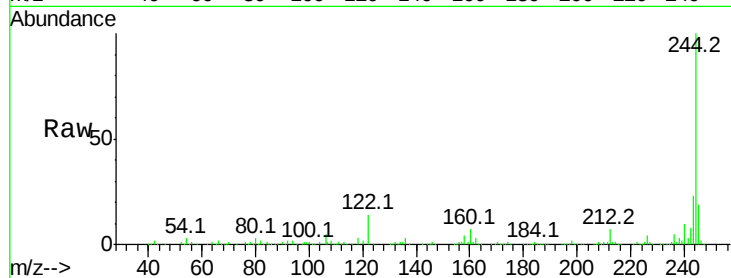




#78
 Terphenyl-d14
 Concen: 66.18 ng
 RT: 16.91 min Scan# 2622
 Delta R.T. -0.02 min
 Lab File: BF096142.D
 Acq: 23 Jun 2017 3:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 490841
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096142.D
 Acq: 23 Jun 2017 3:14

Tgt Ion:264 Resp: 157135
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.5 29.3
 265 20.8 17.2 25.8

