

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062017\
 Data File : BF096075.D
 Acq On : 21 Jun 2017 9:25
 Operator : SJ/MA
 Sample : I3722-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C2-A

Quant Time: Jun 21 13:41:07 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

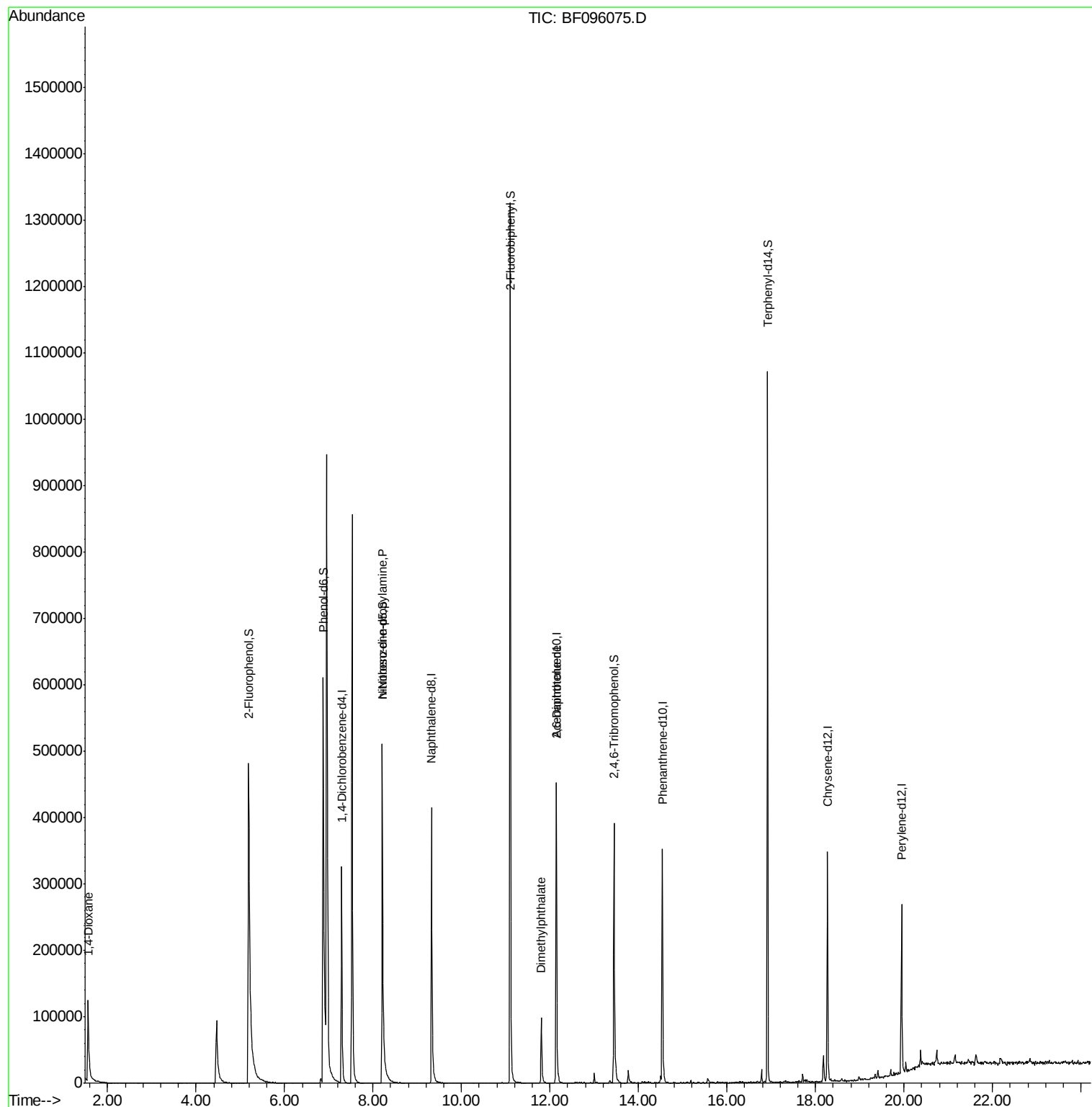
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	85307	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	334601	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	138720	20.00	ng	-0.01
63) Phenanthrene-d10	14.54	188	213416	20.00	ng	0.00
75) Chrysene-d12	18.27	240	158336	20.00	ng	0.00
86) Perylene-d12	19.94	264	124615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	426064	79.58	ng	0.01
7) Phenol-d6	6.87	99	563968	87.99	ng	0.00
23) Nitrobenzene-d5	8.21	82	313628	58.21	ng	-0.01
41) 2,4,6-Tribromophenol	13.44	330	83301	67.87	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	646630	64.87	ng	0.00
78) Terphenyl-d14	16.92	244	408866	64.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.56	88	6178	2.426	ng	# 24
19) n-Nitroso-di-n-propylamine	8.21	70	38540	9.489	ng	# 76
49) Dimethylphthalate	11.80	163	79408	7.539	ng	99
50) 2,6-Dinitrotoluene	12.14	165	17644	7.680	ng	# 31

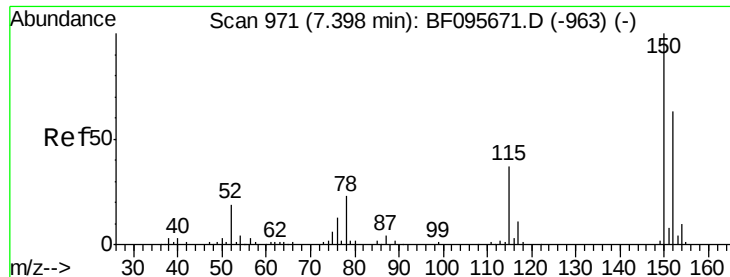
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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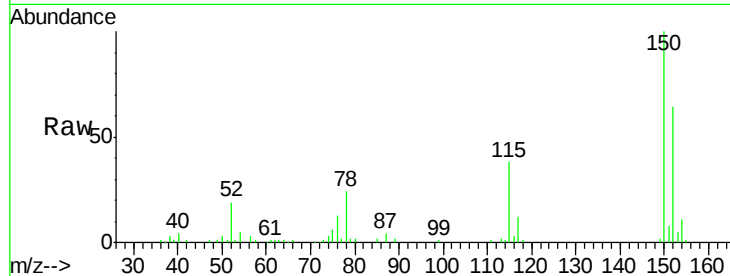


#1

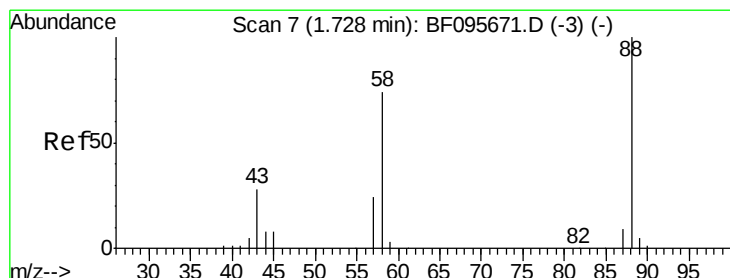
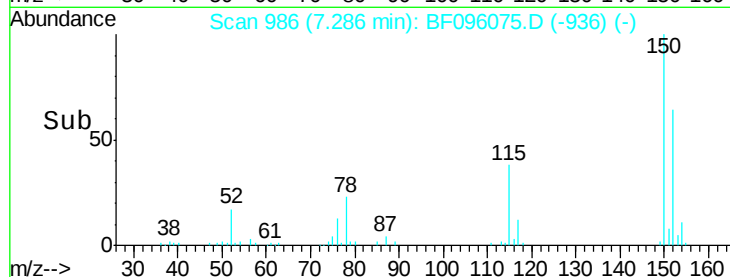
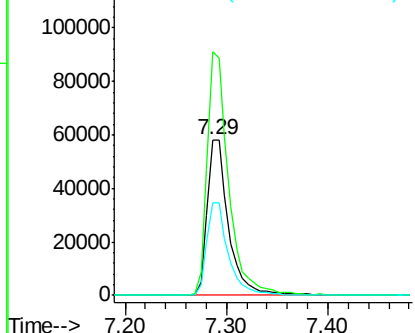
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF096075.D
Acq: 21 Jun 2017 9:25

Instrument :
BNA_F
ClientSampleId :
C2-A

Tgt Ion:152 Resp: 85307
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 59.2 52.2 78.2



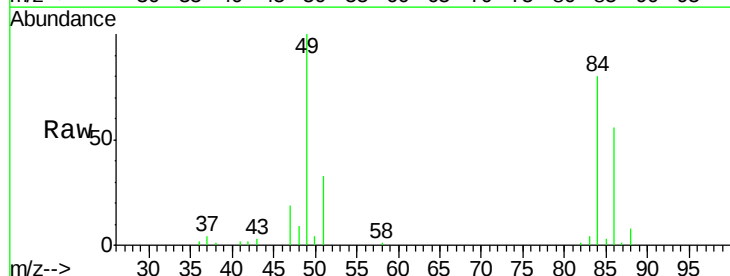
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



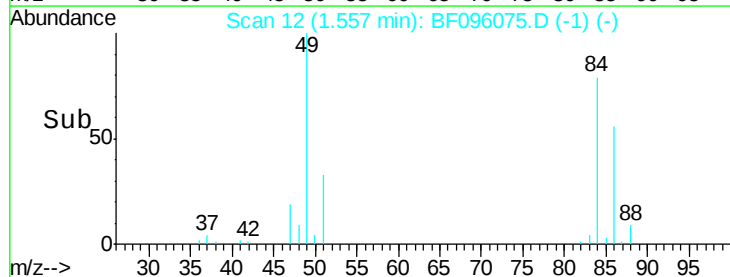
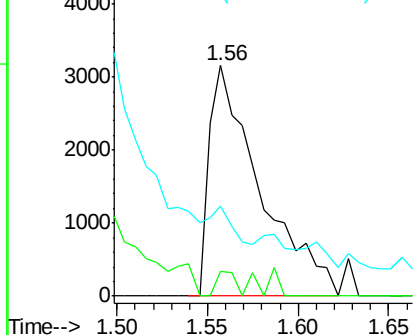
#2

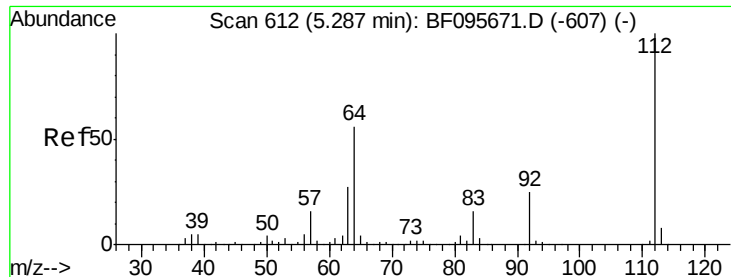
1,4-Dioxane
Concen: 2.426 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.05 min
Lab File: BF096075.D
Acq: 21 Jun 2017 9:25

Tgt Ion: 88 Resp: 6178
Ion Ratio Lower Upper
88 100
58 3.7 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

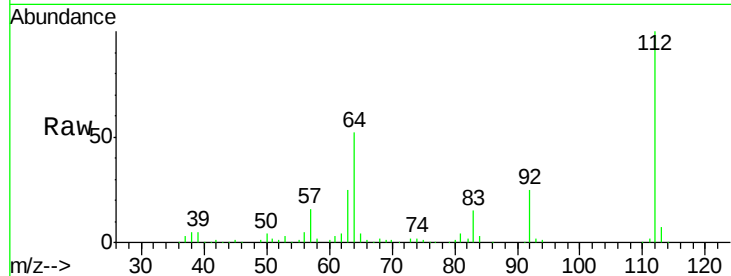




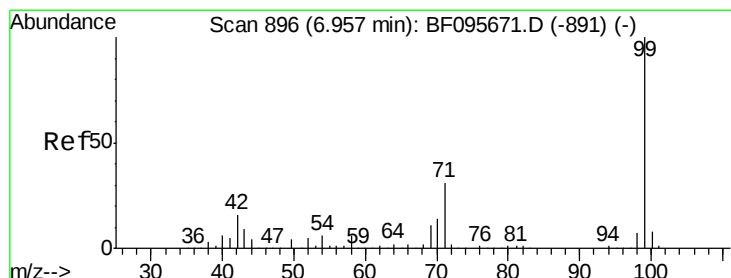
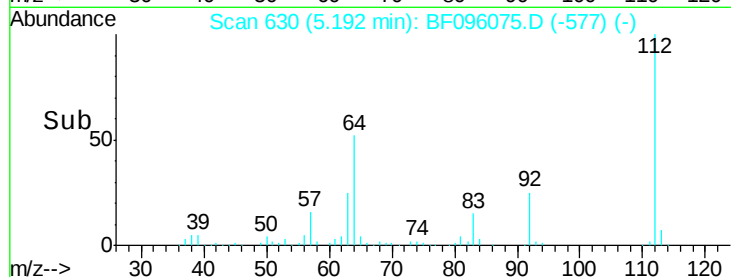
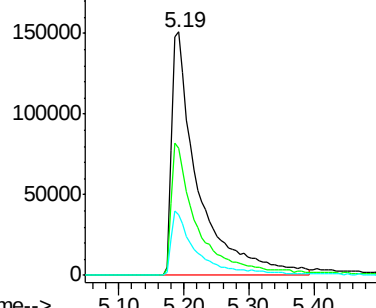
#5
 2-Fluorophenol
 Concen: 79.585 ng
 RT: 5.19 min Scan# 630
 Delta R.T. 0.01 min
 Lab File: BF096075.D
 Acq: 21 Jun 2017 9:25

Instrument :
 BNA_F
 ClientSampled :
 C2-A

Tgt Ion: 112 Resp: 426064
 Ion Ratio Lower Upper
 112 100
 64 52.3 46.0 69.0
 63 25.0 23.4 35.0

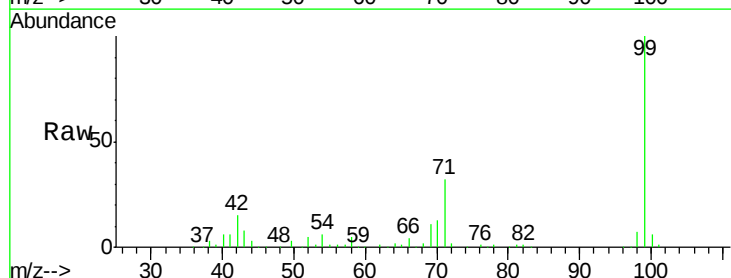


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

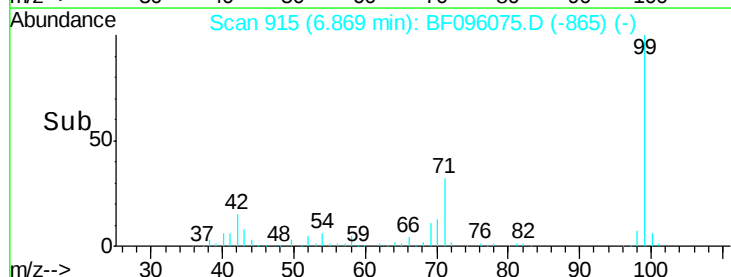
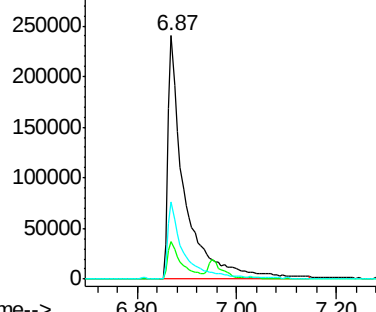


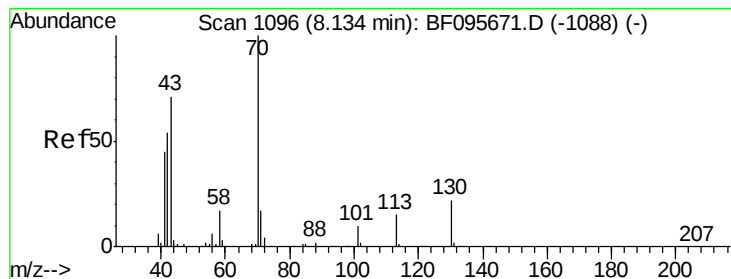
#7
 Phenol-d6
 Concen: 87.994 ng
 RT: 6.87 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF096075.D
 Acq: 21 Jun 2017 9:25

Tgt Ion: 99 Resp: 563968
 Ion Ratio Lower Upper
 99 100
 42 15.2 13.5 20.3
 71 31.9 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: 9.489 ng

RT: 8.21 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF096075.D

Acq: 21 Jun 2017 9:25

Instrument :

BNA_F

ClientSampleId :

C2-A

Tgt Ion: 70 Resp: 38540

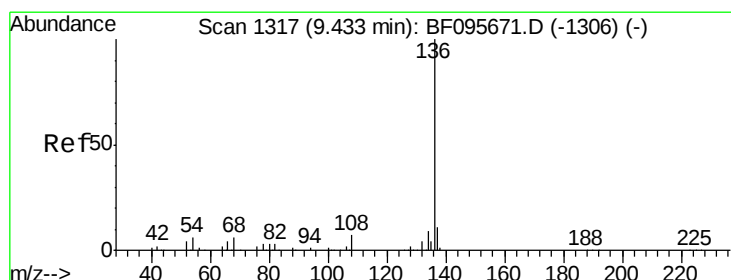
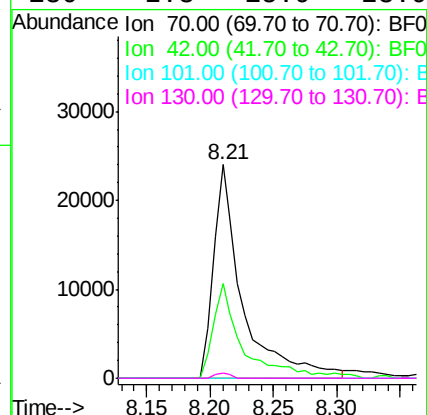
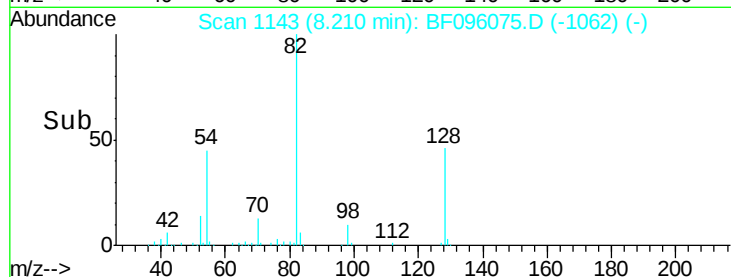
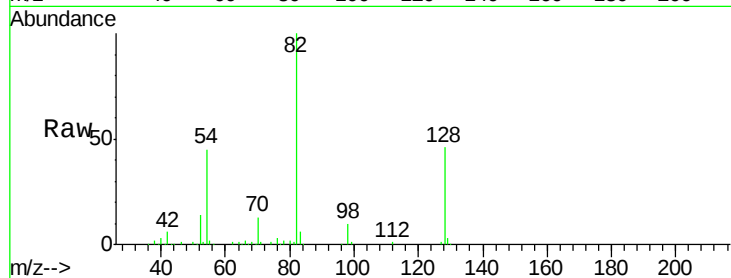
Ion Ratio Lower Upper

70 100

42 44.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF096075.D

Acq: 21 Jun 2017 9:25

Tgt Ion: 136 Resp: 334601

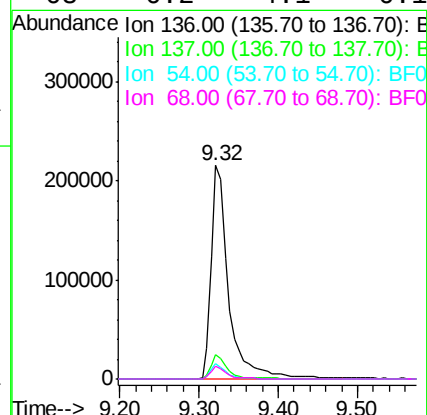
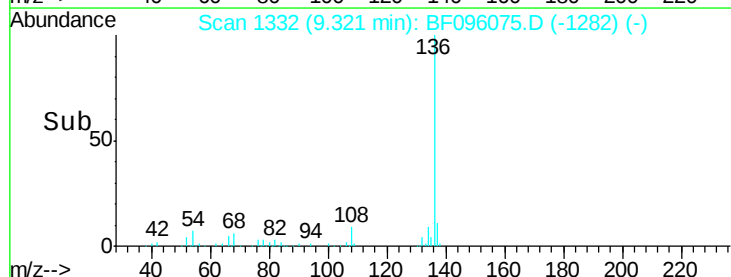
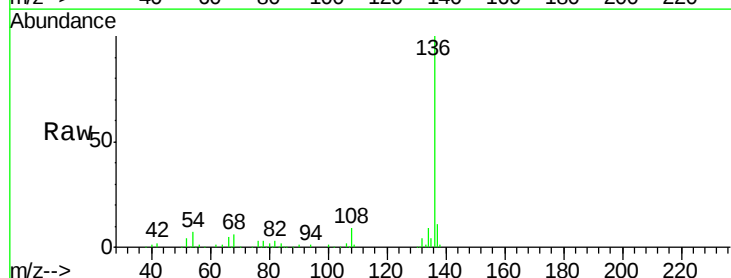
Ion Ratio Lower Upper

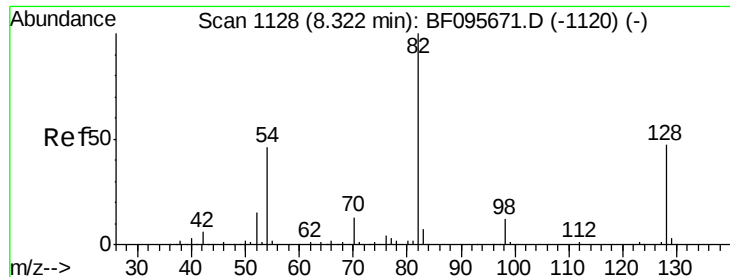
136 100

137 11.4 8.5 12.7

54 7.5 4.9 7.3#

68 6.2 4.1 6.1#

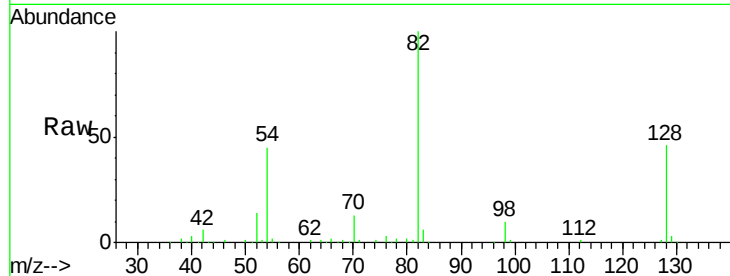




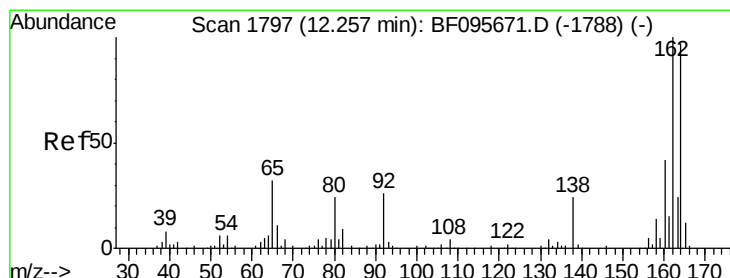
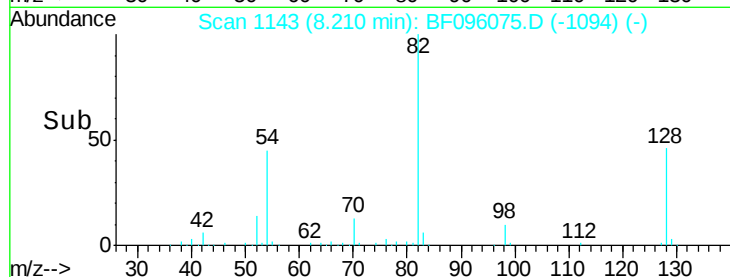
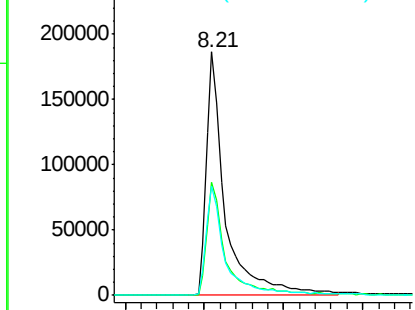
#23
Nitrobenzene-d5
Concen: 58.212 ng
RT: 8.21 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF096075.D
Acq: 21 Jun 2017 9:25

Instrument :
BNA_F
ClientSampleId :
C2-A

Tgt Ion: 82 Resp: 313628
Ion Ratio Lower Upper
82 100
128 46.3 34.0 51.0
54 45.0 42.2 63.2

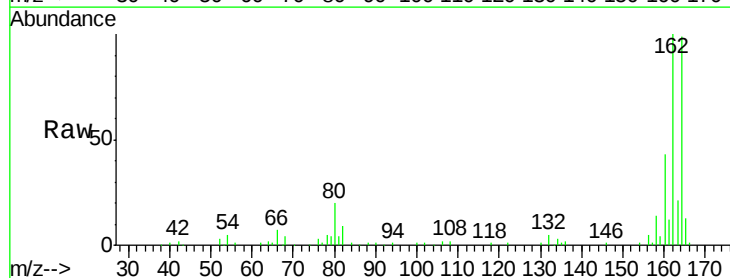


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

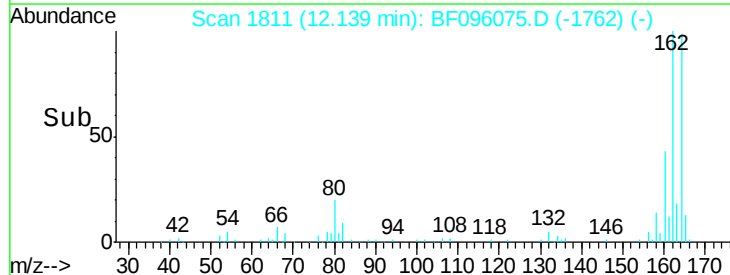
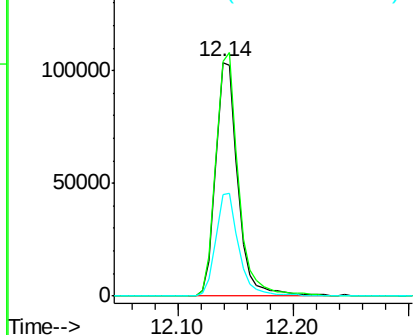


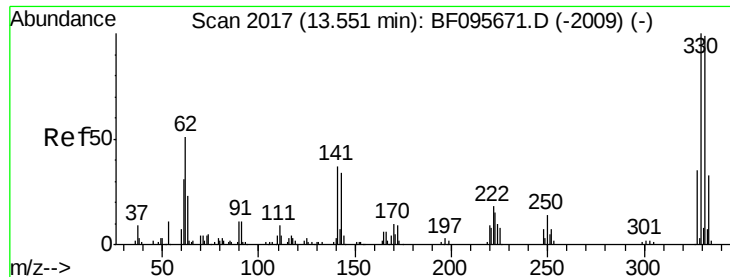
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.14 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF096075.D
Acq: 21 Jun 2017 9:25

Tgt Ion: 164 Resp: 138720
Ion Ratio Lower Upper
164 100
162 100.5 82.6 123.8
160 43.2 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

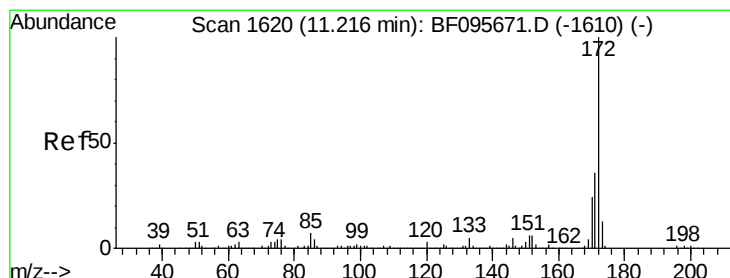
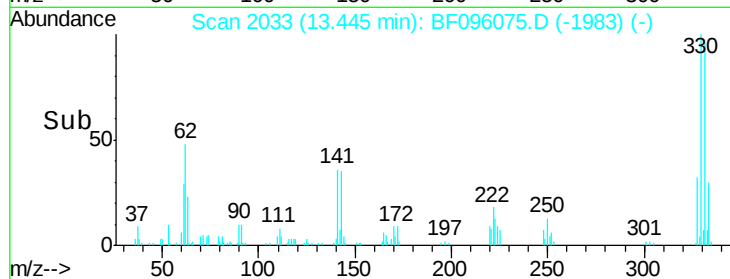
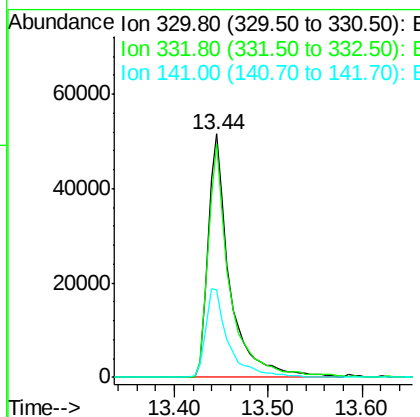
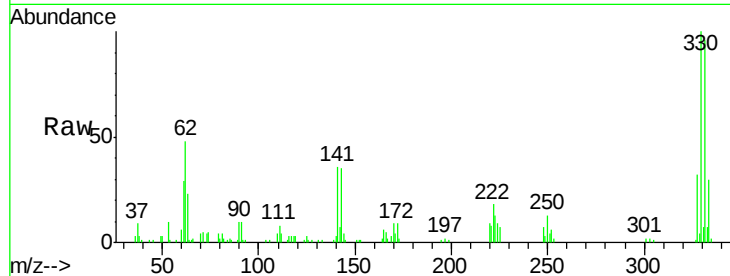




#41
 2,4,6-Tribromophenol
 Concen: 67.871 ng
 RT: 13.44 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096075.D
 Acq: 21 Jun 2017 9:25

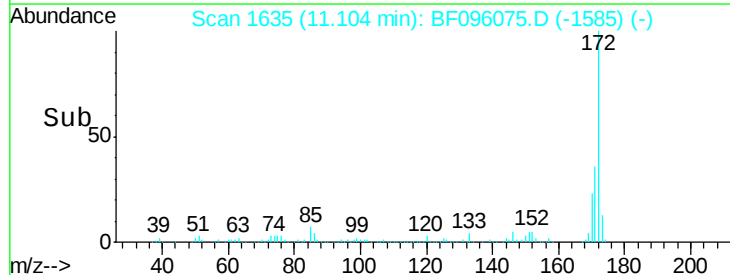
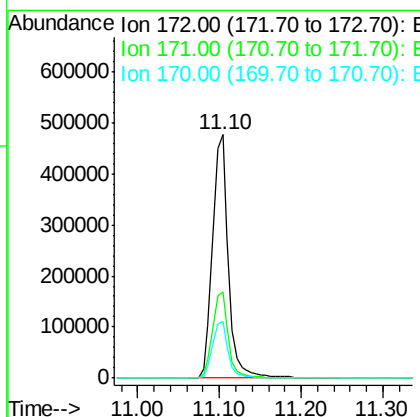
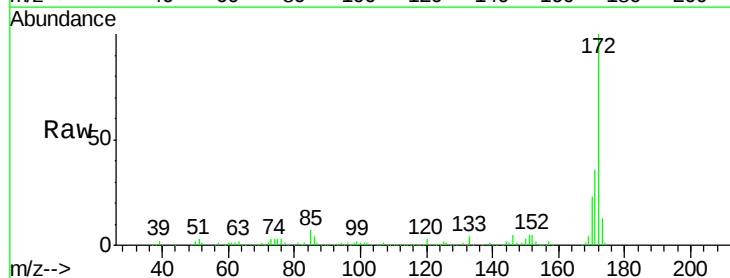
Instrument :
 BNA_F
 ClientSampleId :
 C2-A

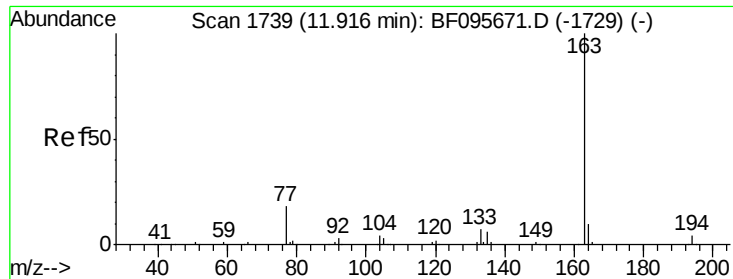
Tgt Ion:330 Resp: 83301
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 115.0
 141 38.0 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 64.867 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096075.D
 Acq: 21 Jun 2017 9:25

Tgt Ion:172 Resp: 646630
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.1 19.8 29.8





#49

Dimethylphthalate

Concen: 7.539 ng

RT: 11.80 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096075.D

Acq: 21 Jun 2017 9:25

Instrument :

BNA_F

ClientSampleId :

C2-A

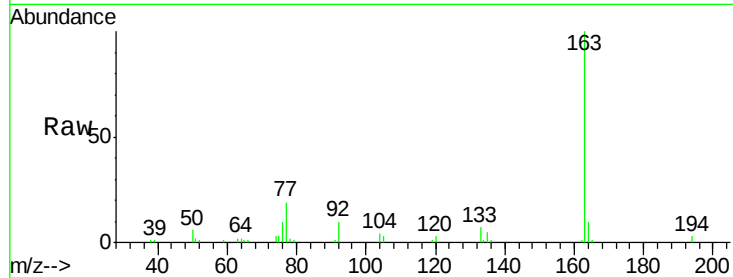
Tgt Ion:163 Resp: 79408

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

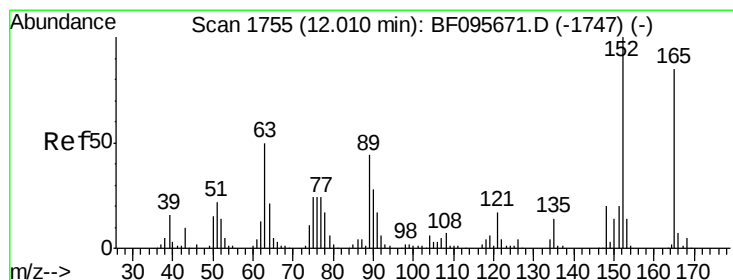
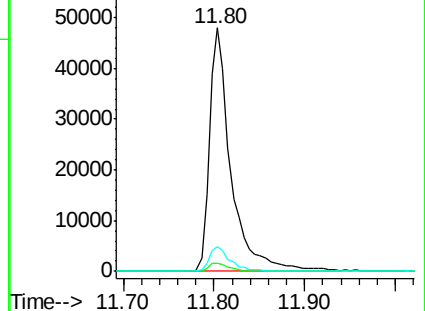
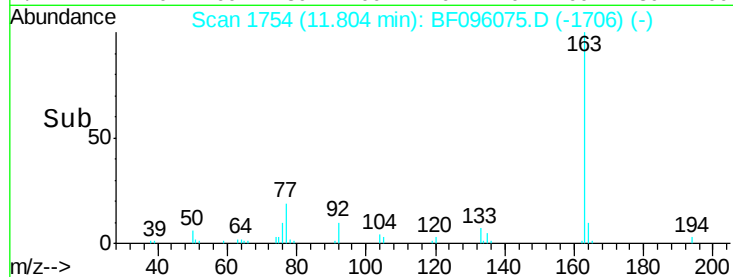
164 10.1 8.4 12.6



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: 7.680 ng

RT: 12.14 min Scan# 1812

Delta R.T. 0.23 min

Lab File: BF096075.D

Acq: 21 Jun 2017 9:25

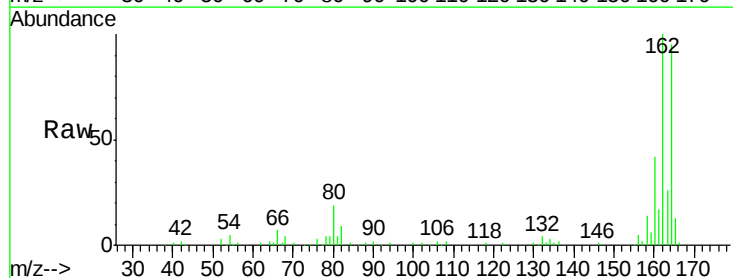
Tgt Ion:165 Resp: 17644

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

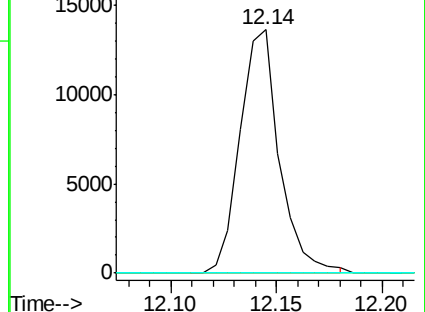
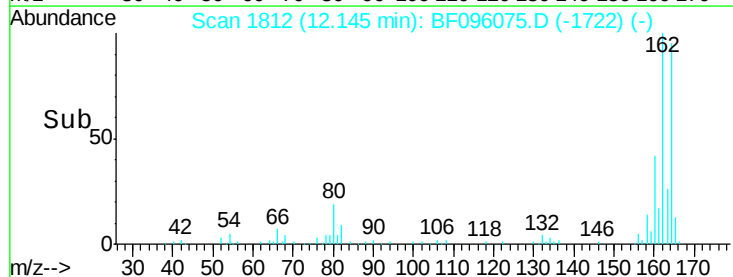
89 0.0 37.1 55.7#

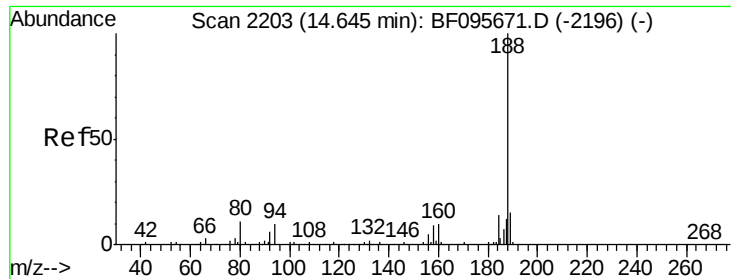


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BF096075.D

Acq: 21 Jun 2017 9:25

Instrument :

BNA_F

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C2-A

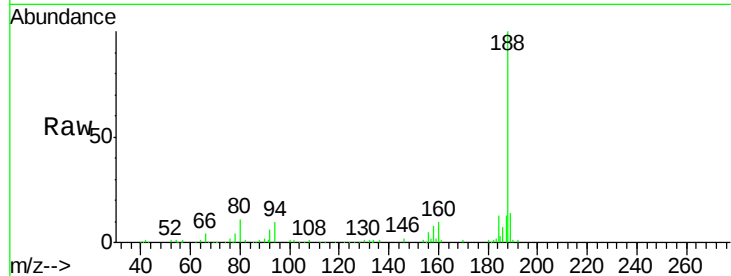
Tgt Ion:188 Resp: 213416

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

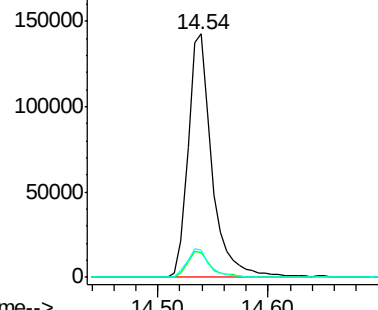
80 11.0 10.2 15.2



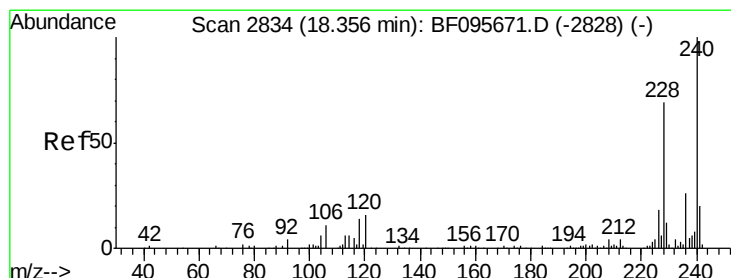
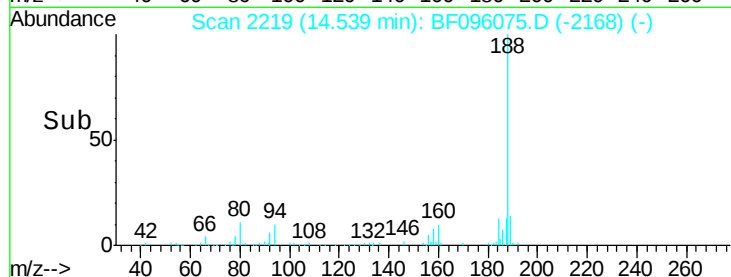
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.27 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF096075.D

Acq: 21 Jun 2017 9:25

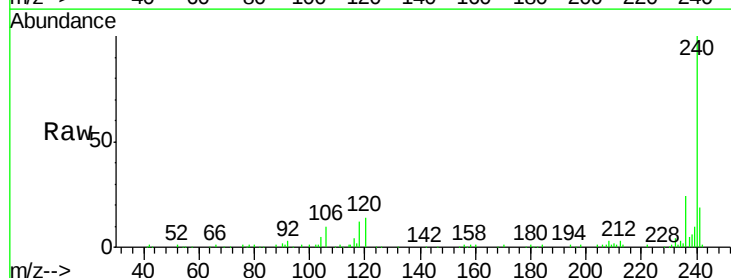
Tgt Ion:240 Resp: 158336

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

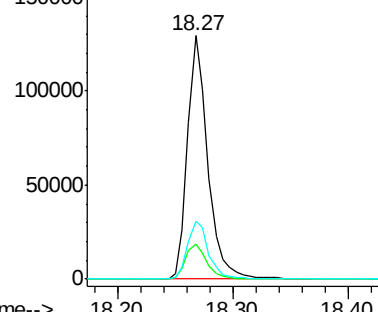
236 24.0 20.5 30.7



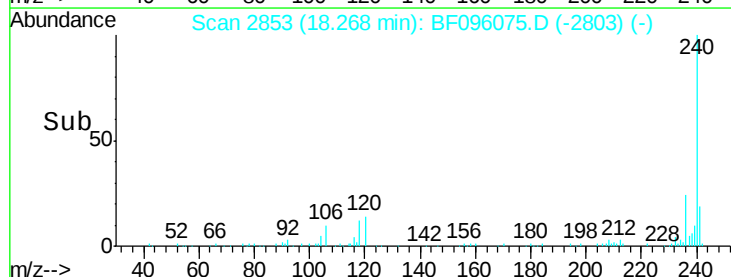
Abundance Ion 240.00 (239.70 to 240.70): E

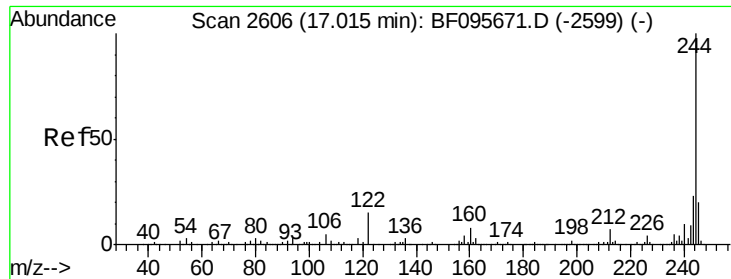
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

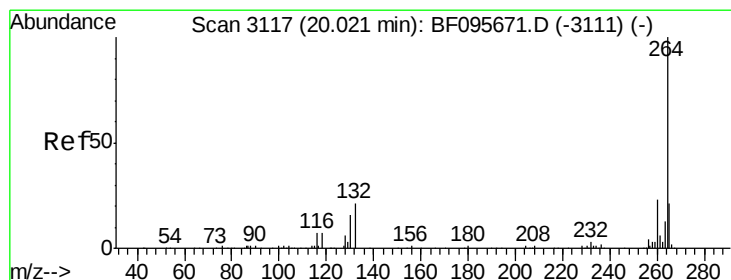
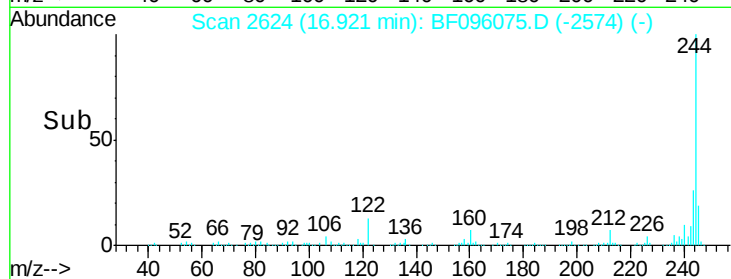
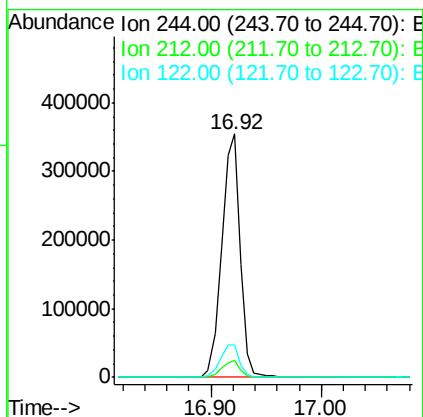
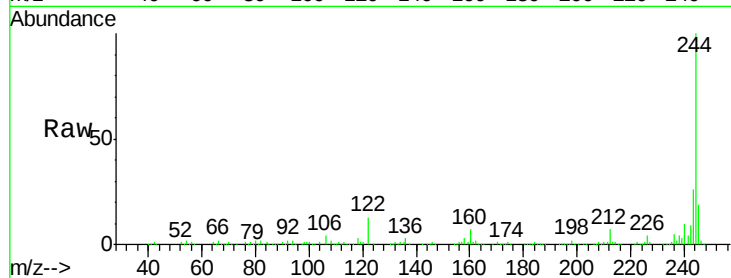




#78
 Terphenyl-d14
 Concen: 64.085 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096075.D
 Acq: 21 Jun 2017 9:25

Instrument :
 BNA_F
 ClientSampleId :
 C2-A

Tgt Ion:244 Resp: 408866
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096075.D
 Acq: 21 Jun 2017 9:25

Tgt Ion:264 Resp: 124615
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 21.4 17.2 25.8

