

Data File : BF095827.D
Acq On : 9 Jun 2017 18:16
Operator : SJ/MA
Sample : I3566-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP(0-8.0)

Quant Time: Jun 10 01:24:31 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	7.37	152	61709	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	255343	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	117761	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	211614	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	189205	20.00	ng	-0.02
86) Perylene-d12	20.00	264	126863	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	594444	153.50	ng	-0.02
7) Phenol-d6	6.93	99	728546	157.14	ng	-0.02
23) Nitrobenzene-d5	8.29	82	419946	102.14	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	153930	147.74	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	768733	90.84	ng	-0.04
78) Terphenyl-d14	16.99	244	675139	88.56	ng	-0.02
Target Compounds						
10) Phenol	6.95	94	16165	3.36	ng	# 67
15) Benzyl Alcohol	7.60	79	6675	2.10	ng	# 36
19) n-Nitroso-di-n-propylamine	8.29	70	52973	18.03	ng	# 75
49) Dimethylphthalate	11.87	163	98692	11.04	ng	99

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

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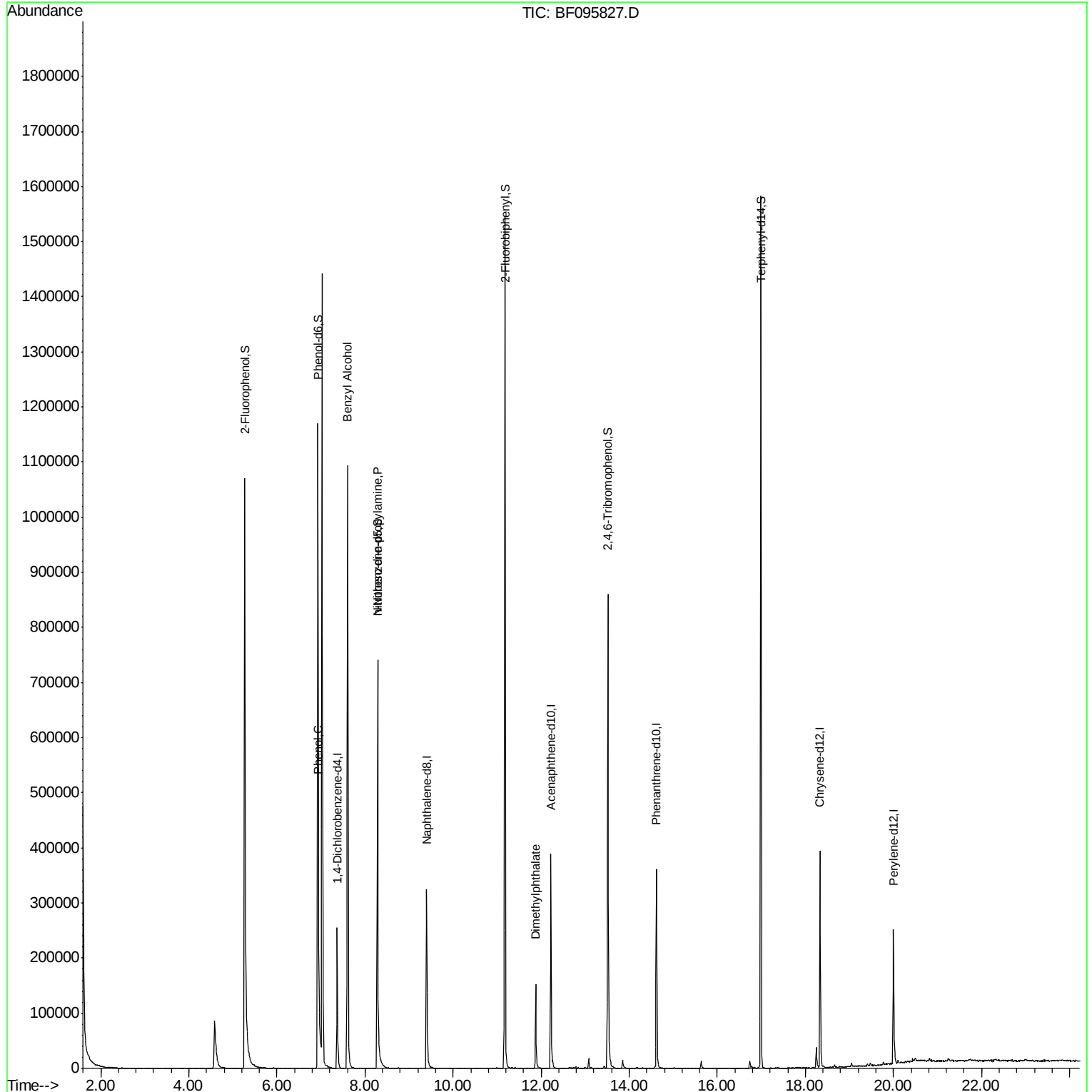
Quant Time: Jun 10 01:24:31 2017

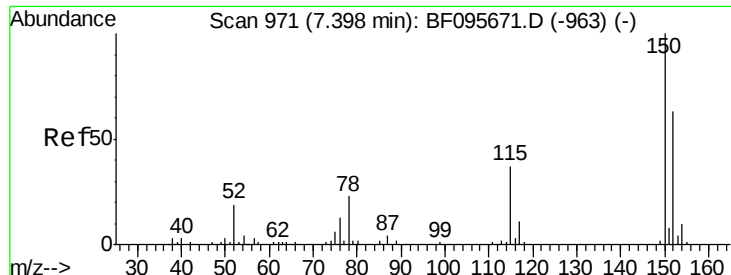
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 05 16:15:31 2017

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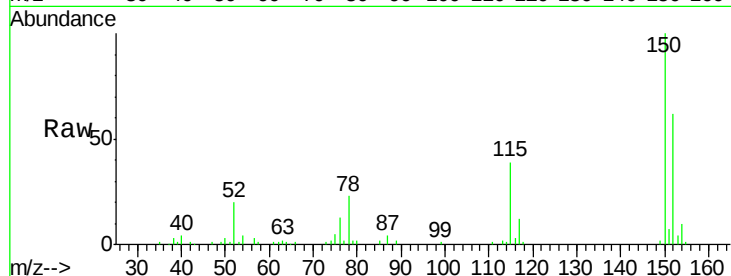


#1

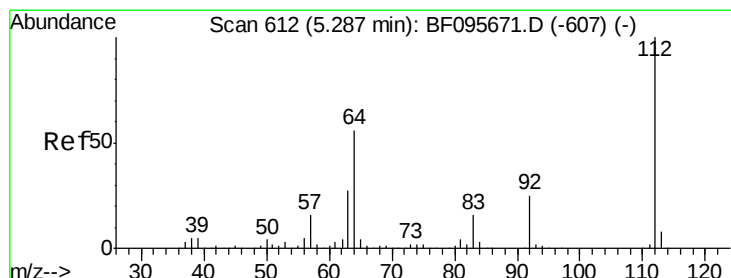
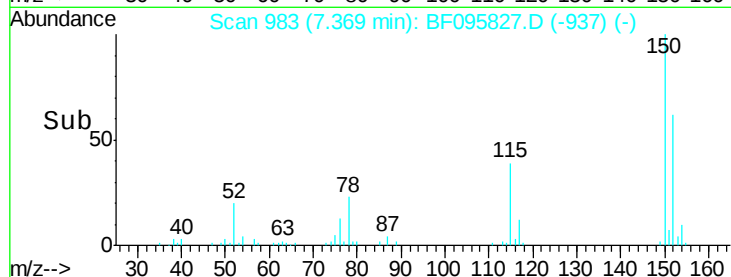
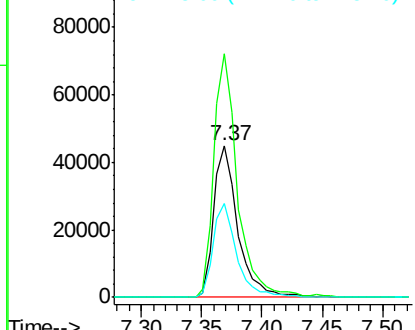
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095827.D
Acq: 9 Jun 2017 18:16

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP(0-8.0)

Tgt Ion:152 Resp: 61709
Ion Ratio Lower Upper
152 100
150 160.5 126.2 189.2
115 61.9 52.2 78.2



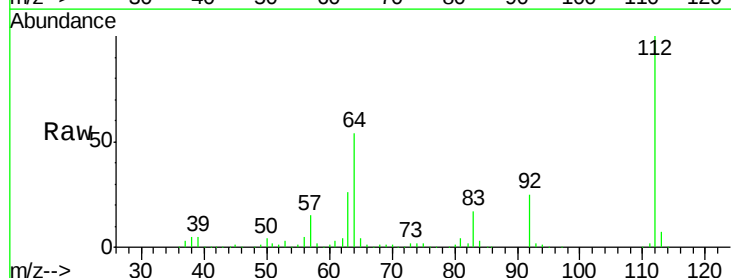
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



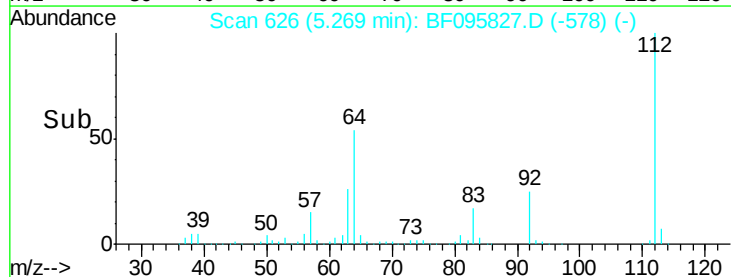
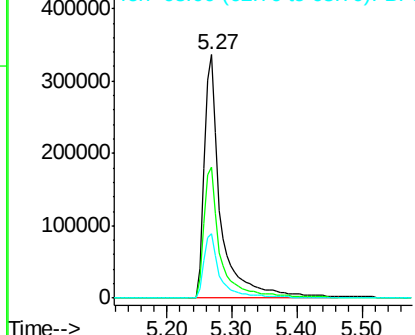
#5

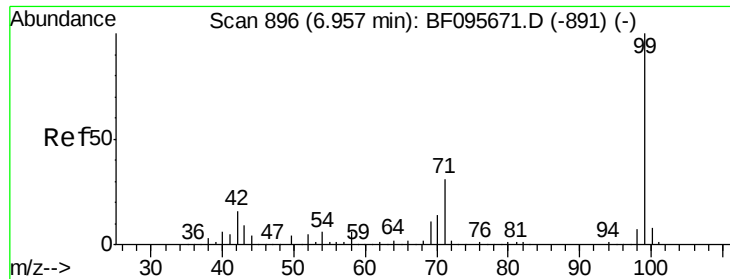
2-Fluorophenol
Concen: 153.50 ng
RT: 5.27 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF095827.D
Acq: 9 Jun 2017 18:16

Tgt Ion:112 Resp: 594444
Ion Ratio Lower Upper
112 100
64 53.8 46.0 69.0
63 26.2 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: 157.14 ng

RT: 6.93 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF095827.D

Acq: 9 Jun 2017 18:16

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP(0-8.0)

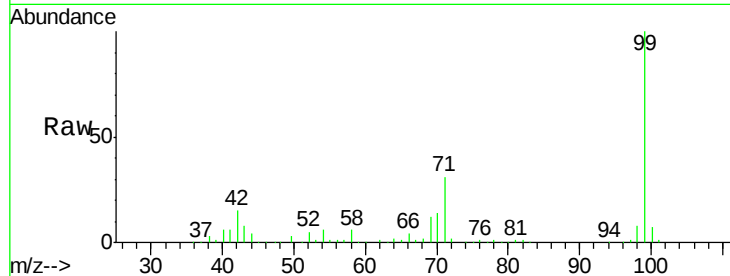
Tgt Ion: 99 Resp: 728546

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

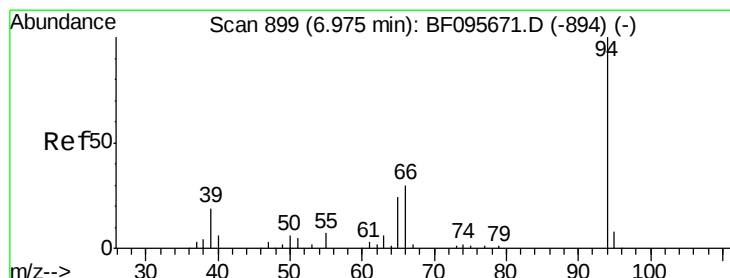
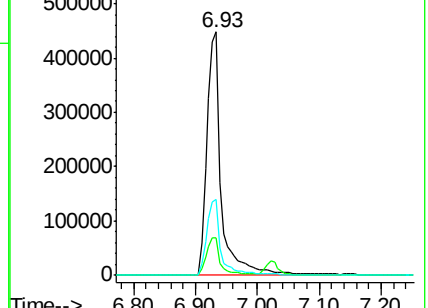
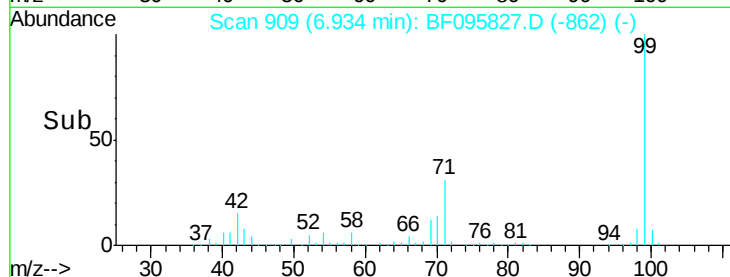
71 31.3 24.5 36.7



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



#10

Phenol

Concen: 3.36 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF095827.D

Acq: 9 Jun 2017 18:16

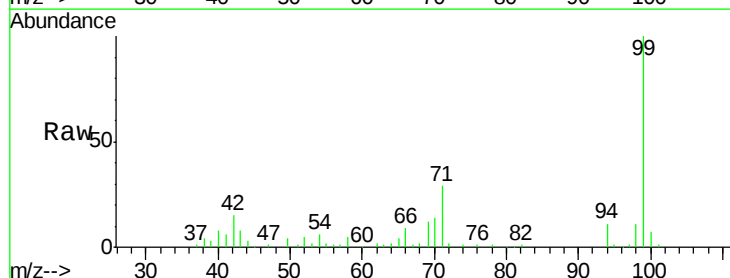
Tgt Ion: 94 Resp: 16165

Ion Ratio Lower Upper

94 100

65 33.2 9.9 49.9

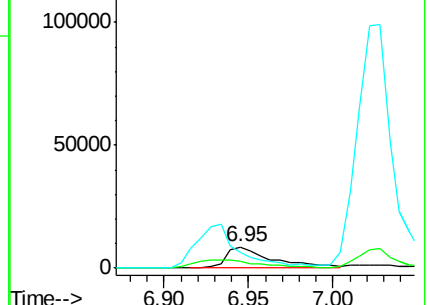
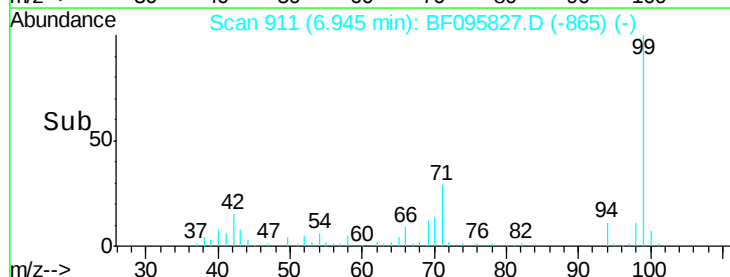
66 75.7 23.1 63.1#

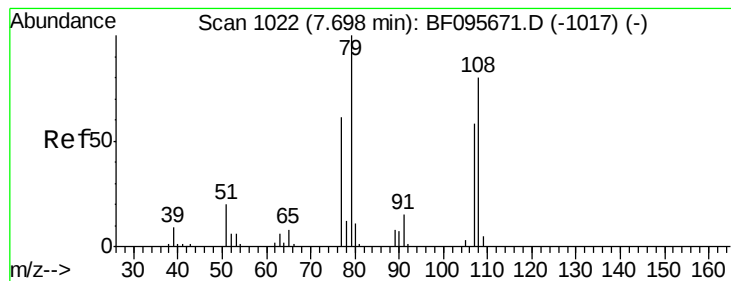


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 7.60 min Scan# 1023

Delta R.T. -0.09 min

Lab File: BF095827.D

Acq: 9 Jun 2017 18:16

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP(0-8.0)

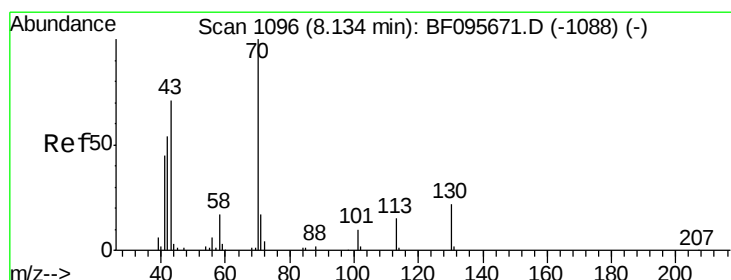
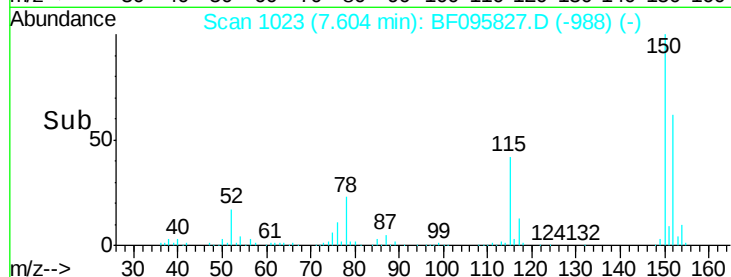
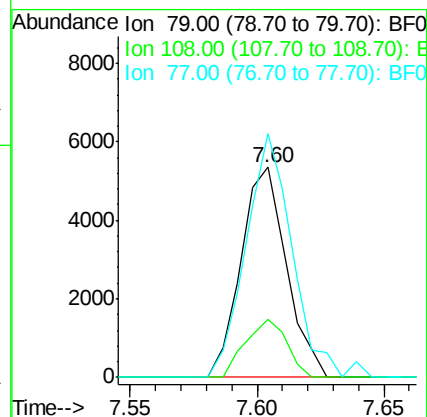
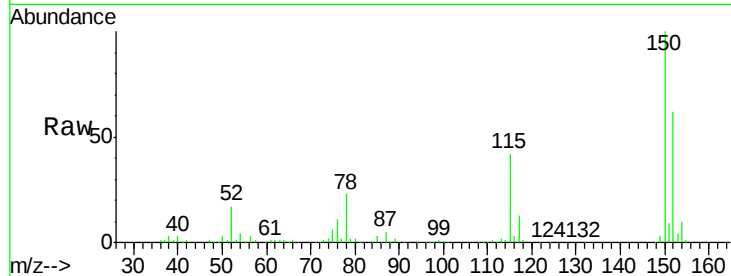
Tgt Ion: 79 Resp: 6675

Ion Ratio Lower Upper

79 100

108 27.4 63.4 95.0#

77 115.8 49.2 73.8#



#19

n-Nitroso-di-n-propylamine

Concen: 18.03 ng

RT: 8.29 min Scan# 1139

Delta R.T. 0.15 min

Lab File: BF095827.D

Acq: 9 Jun 2017 18:16

Tgt Ion: 70 Resp: 52973

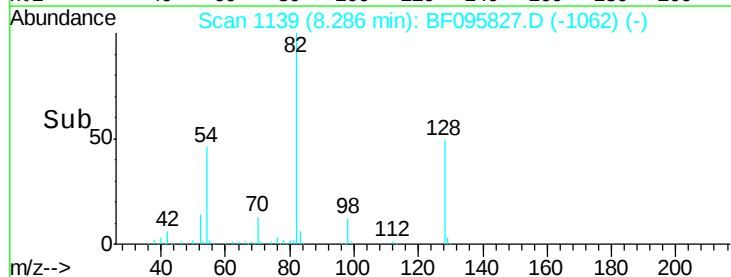
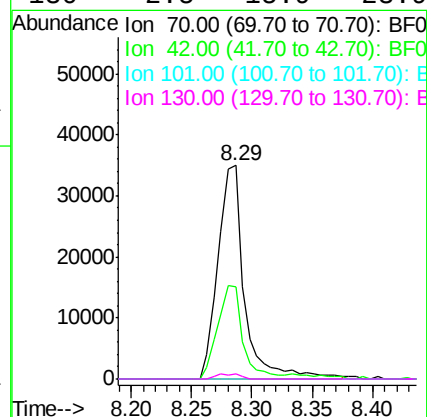
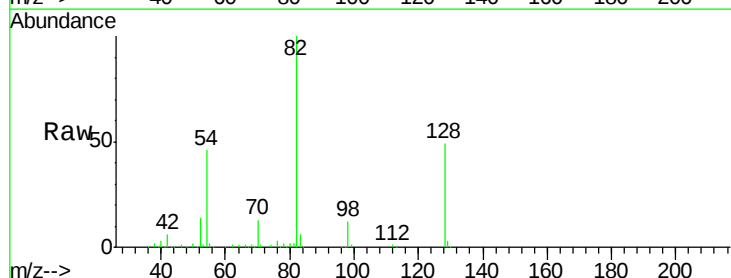
Ion Ratio Lower Upper

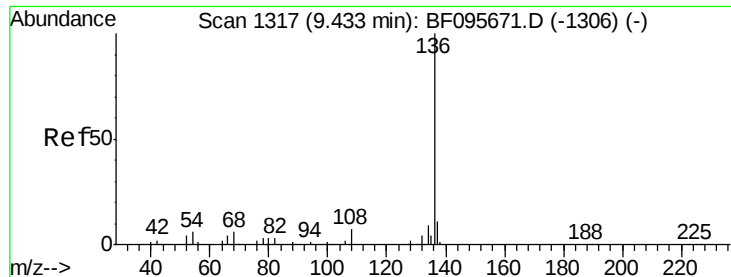
70 100

42 43.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095827.D

Acq: 9 Jun 2017 18:16

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP(0-8.0)

Tgt Ion:136 Resp: 255343

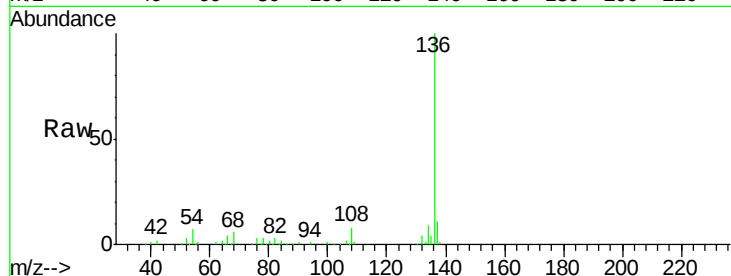
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.2 4.9 7.3

68 6.1 4.1 6.1

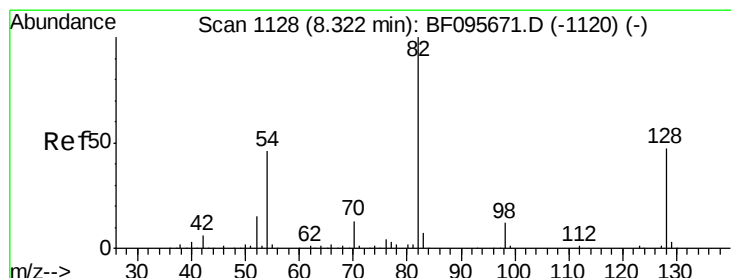
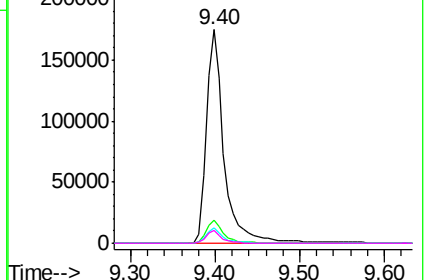
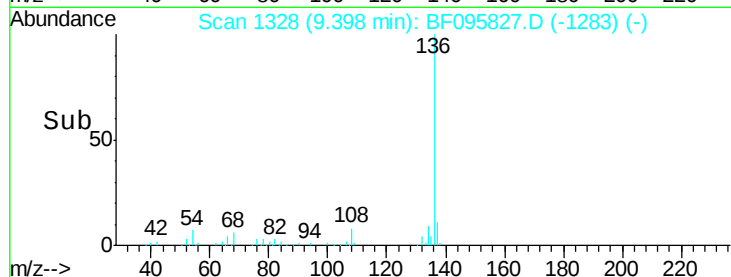


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.14 ng

RT: 8.29 min Scan# 1139

Delta R.T. -0.04 min

Lab File: BF095827.D

Acq: 9 Jun 2017 18:16

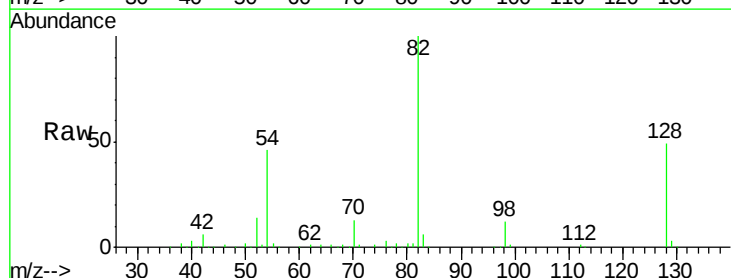
Tgt Ion: 82 Resp: 419946

Ion Ratio Lower Upper

82 100

128 48.9 34.0 51.0

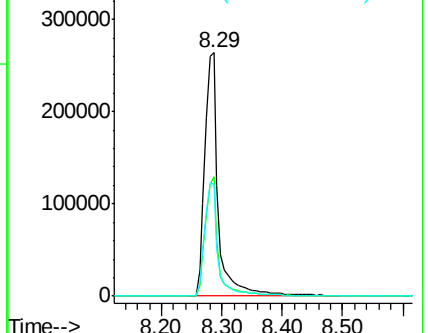
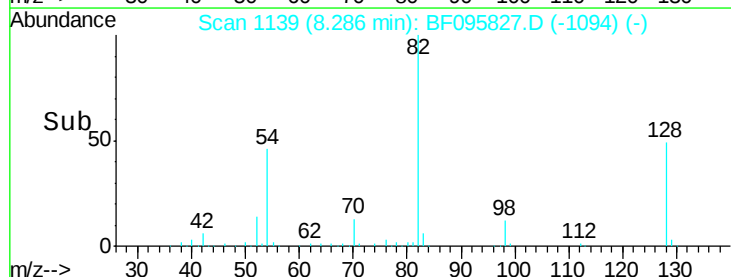
54 45.9 42.2 63.2

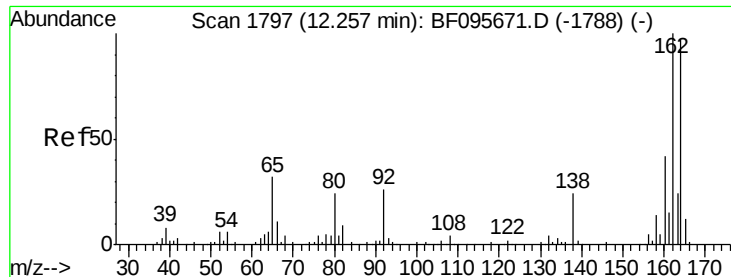


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.22 min Scan# 1808

Delta R.T. -0.04 min

Lab File: BF095827.D

Acq: 9 Jun 2017 18:16

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP(0-8.0)

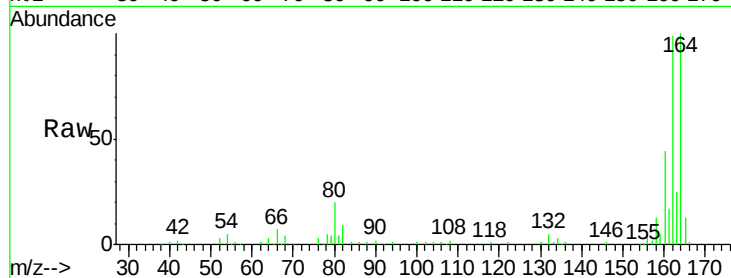
Tgt Ion:164 Resp: 117761

Ion Ratio Lower Upper

164 100

162 98.8 82.6 123.8

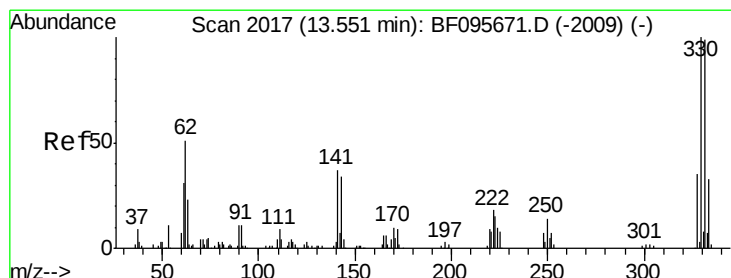
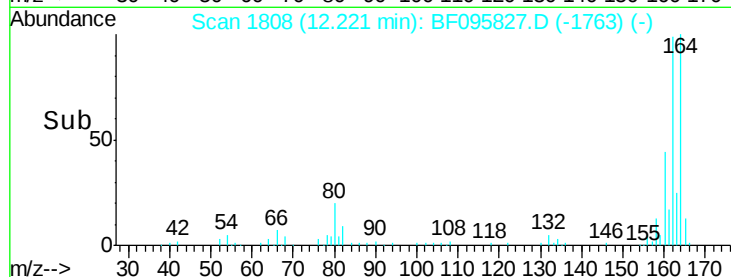
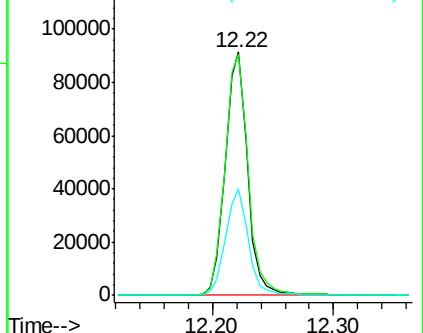
160 44.0 36.2 54.2



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: 147.74 ng

RT: 13.52 min Scan# 2028

Delta R.T. -0.04 min

Lab File: BF095827.D

Acq: 9 Jun 2017 18:16

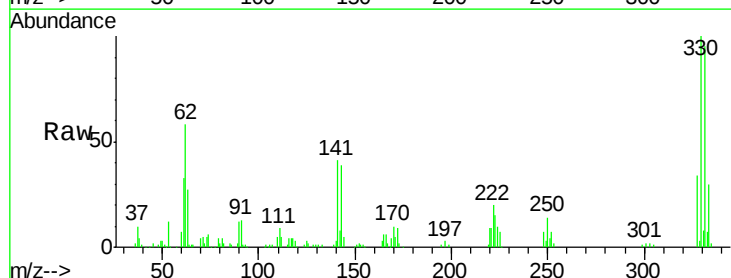
Tgt Ion:330 Resp: 153930

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

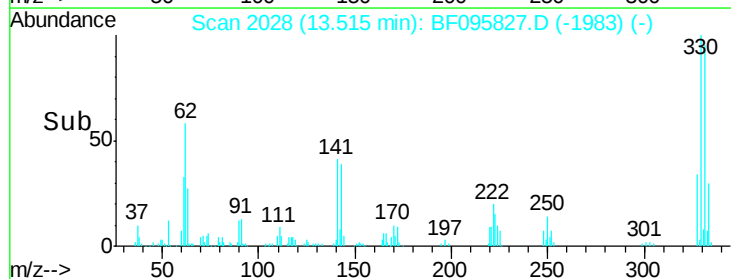
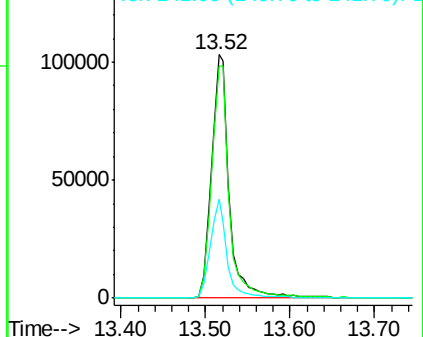
141 38.2 31.4 47.2

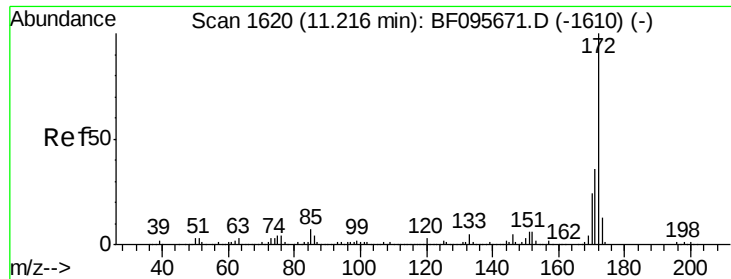


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

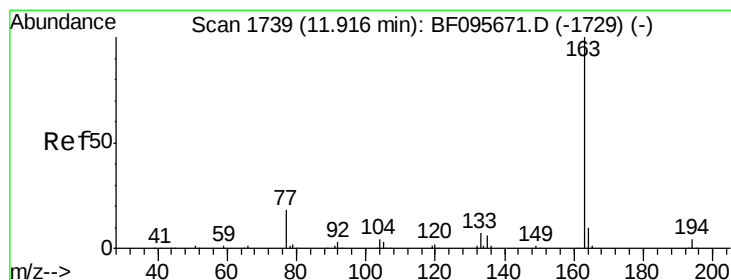
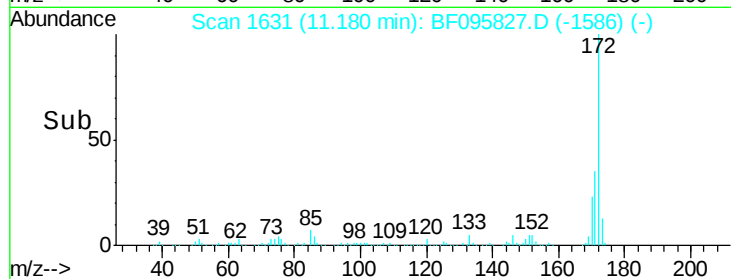
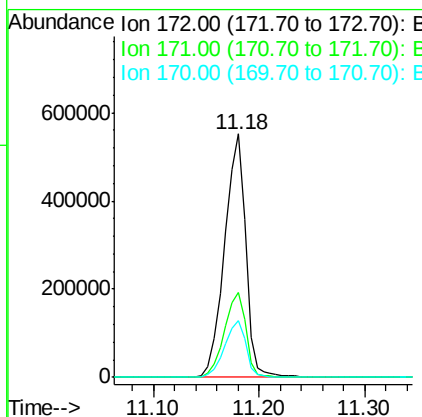
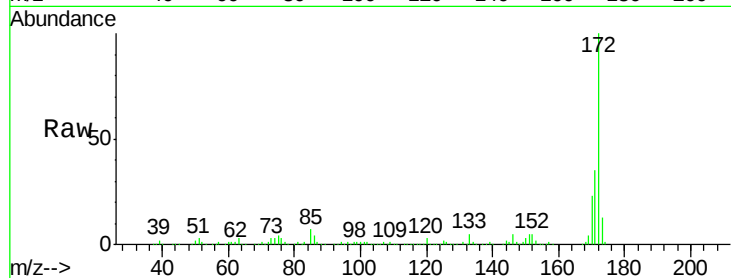




#44
2-Fluorobiphenyl
Concen: 90.84 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095827.D
Acq: 9 Jun 2017 18:16

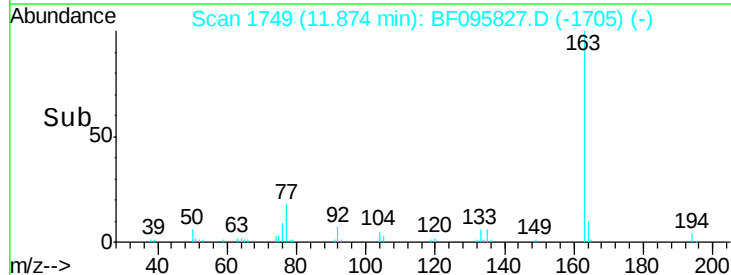
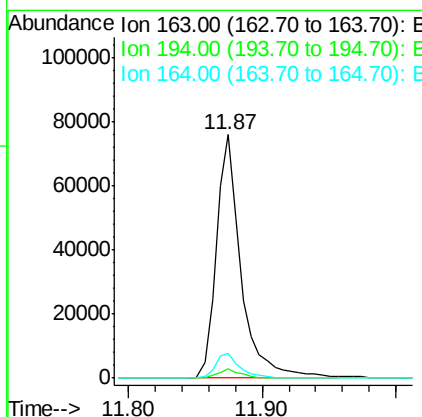
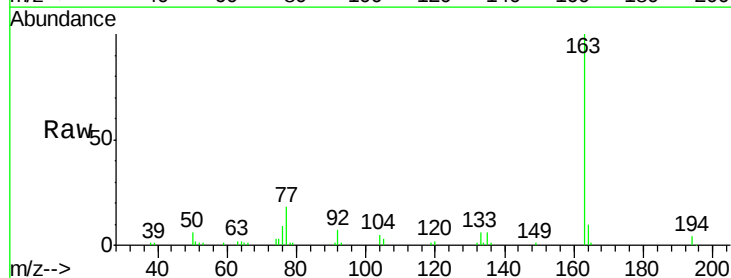
Instrument :
BNA_F
ClientSampleId :
SB-05-COMP(0-8.0)

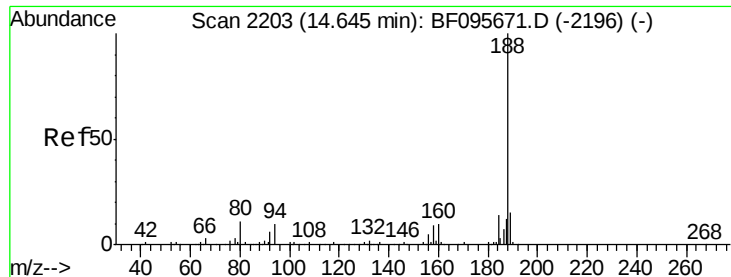
Tgt Ion:172 Resp: 768733
Ion Ratio Lower Upper
172 100
171 35.0 29.6 44.4
170 23.4 19.8 29.8



#49
Dimethylphthalate
Concen: 11.04 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095827.D
Acq: 9 Jun 2017 18:16

Tgt Ion:163 Resp: 98692
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 10.0 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 2215

Delta R.T. -0.03 min

Lab File: BF095827.D

Acq: 9 Jun 2017 18:16

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP(0-8.0)

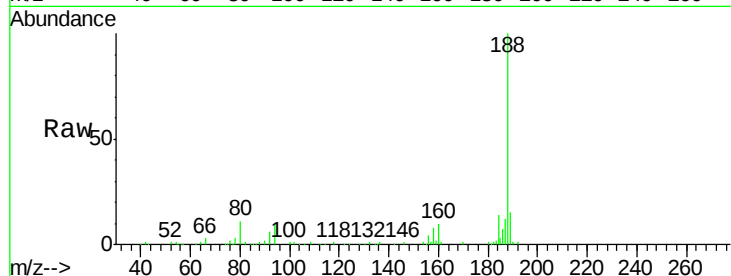
Tgt Ion:188 Resp: 211614

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

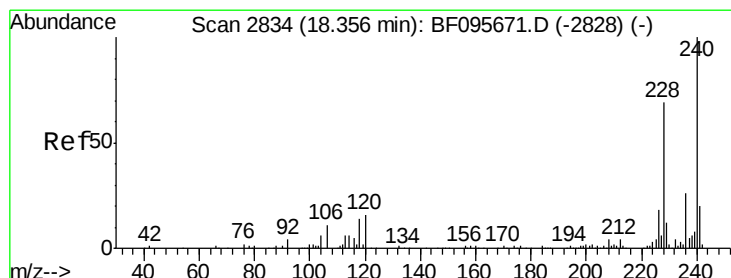
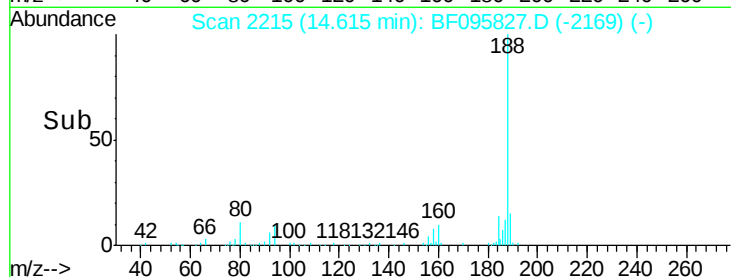
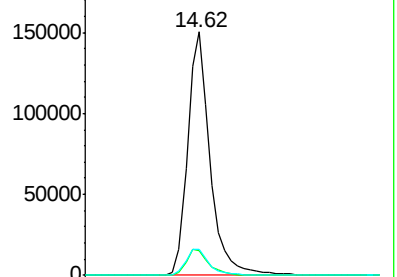
80 10.6 10.2 15.2



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095827.D

Acq: 9 Jun 2017 18:16

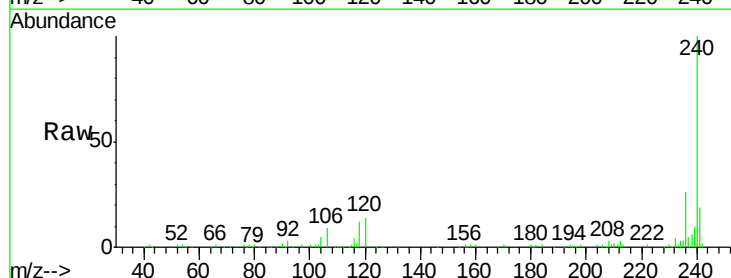
Tgt Ion:240 Resp: 189205

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

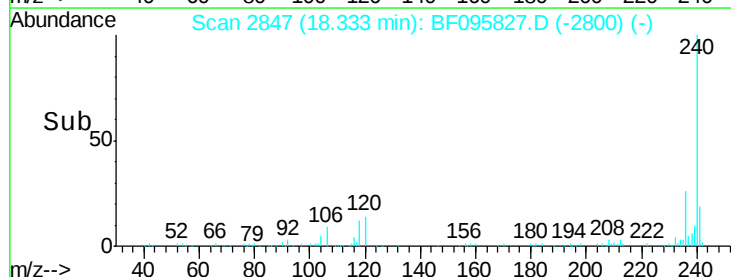
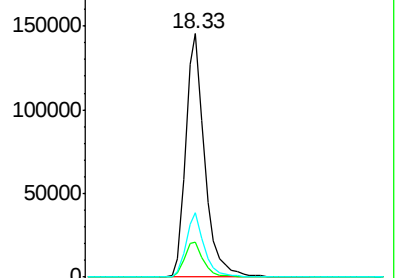
236 26.2 20.5 30.7

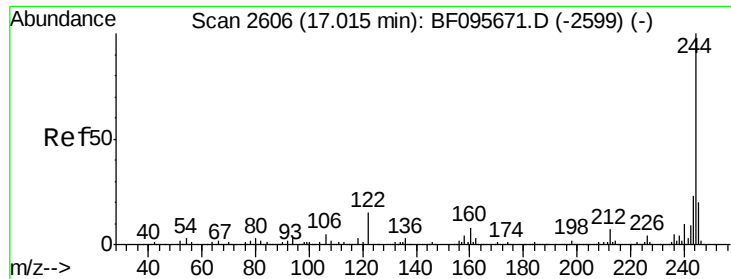


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

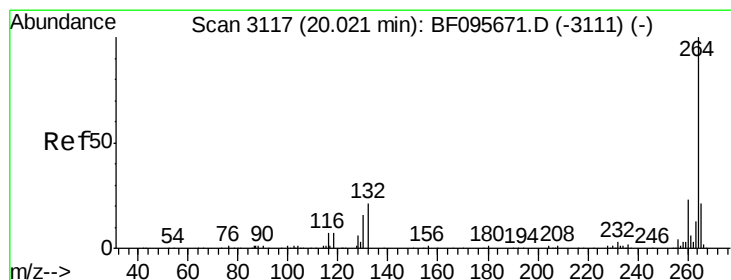
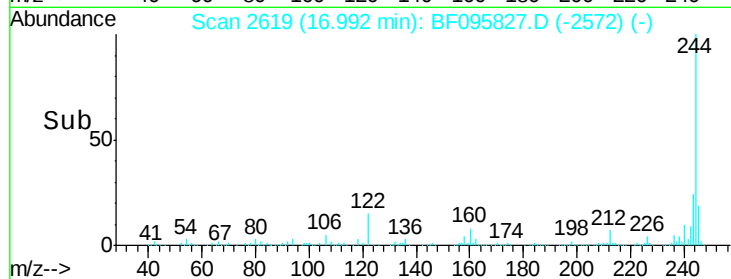
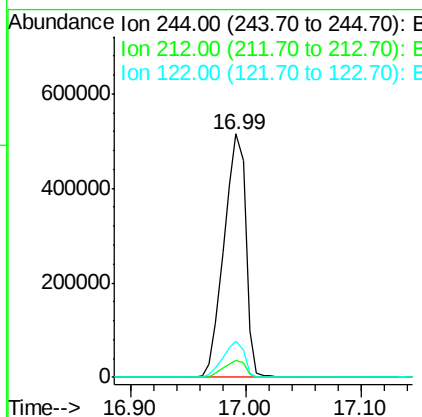
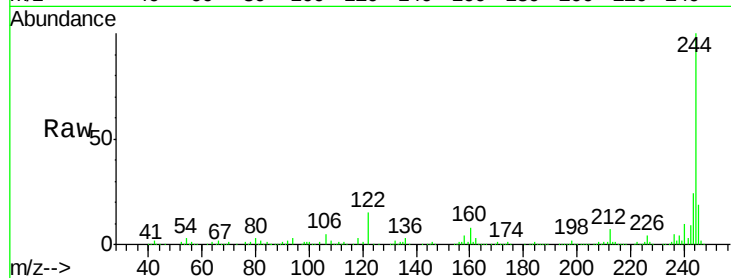




#78
 Terphenyl-d14
 Concen: 88.56 ng
 RT: 16.99 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BF095827.D
 Acq: 9 Jun 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP(0-8.0)

Tgt Ion: 244 Resp: 675139
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3131
 Delta R.T. -0.02 min
 Lab File: BF095827.D
 Acq: 9 Jun 2017 18:16

Tgt Ion: 264 Resp: 126863
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.5 29.3
 265 19.7 17.2 25.8

