

Data File : BF095833.D
Acq On : 9 Jun 2017 21:30
Operator : SJ/MA
Sample : I3575-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-A

Quant Time: Jun 10 01:26:45 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	71476	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	291788	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	131182	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	245659	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	197063	20.00	ng	-0.02
86) Perylene-d12	20.00	264	137089	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	419815	93.59	ng	-0.03
7) Phenol-d6	6.92	99	523619	97.51	ng	-0.04
23) Nitrobenzene-d5	8.28	82	290679	61.87	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	109277	94.15	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	582706	61.81	ng	-0.04
78) Terphenyl-d14	16.99	244	525864	66.23	ng	-0.02
Target Compounds						
10) Phenol	6.95	94	11189	2.01	ng	# 52
19) n-Nitroso-di-n-propylamine	8.28	70	35452	10.42	ng	# 77
49) Dimethylphthalate	11.87	163	74373	7.47	ng	98

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

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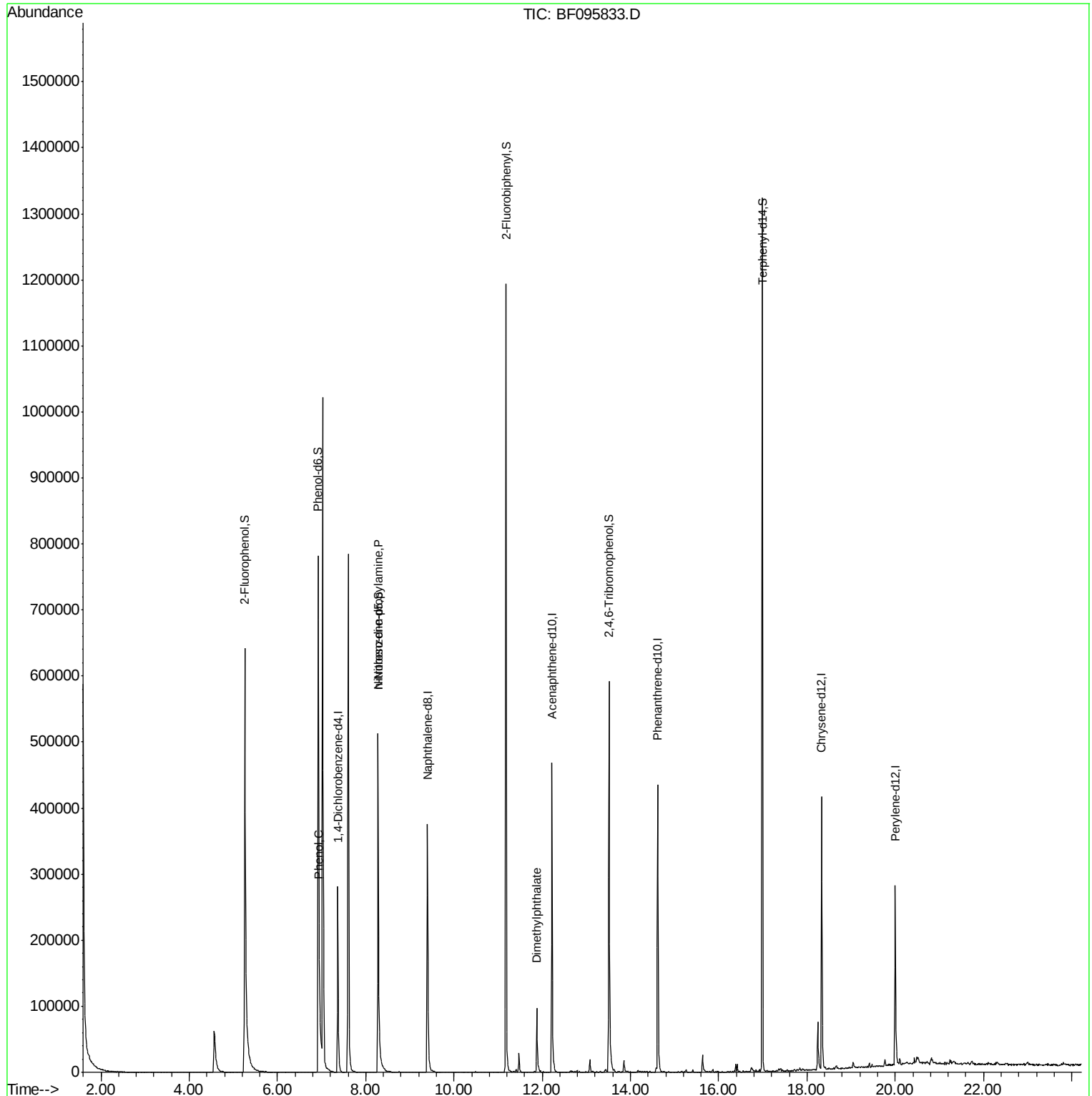
Quant Time: Jun 10 01:26:45 2017

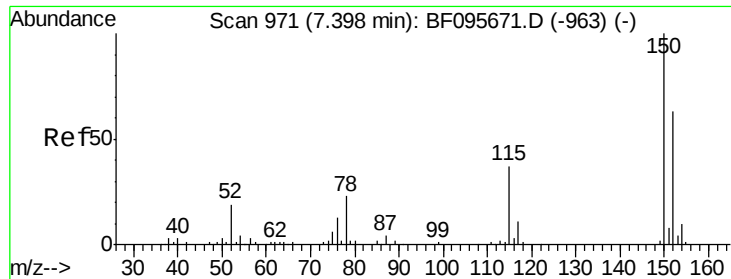
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M

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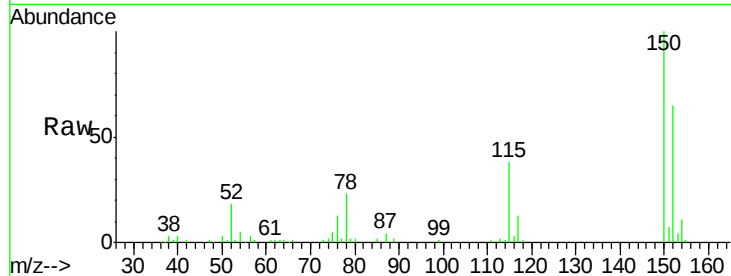




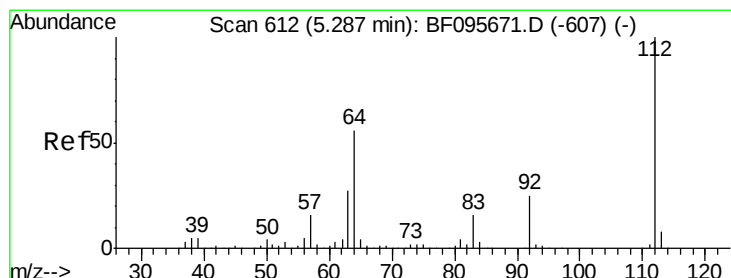
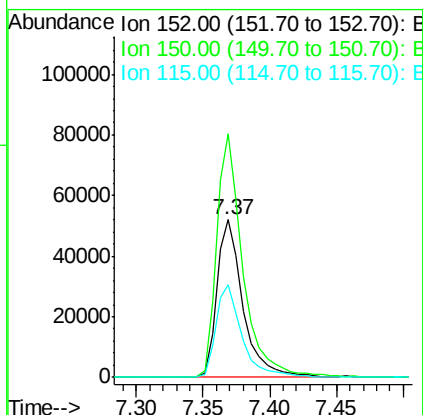
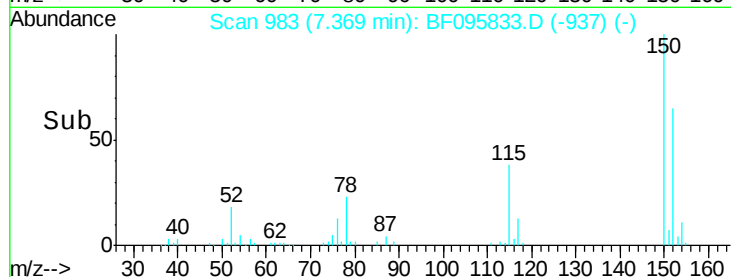
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.37 min Scan# 983
 Delta R.T. -0.03 min
 Lab File: BF095833.D
 Acq: 9 Jun 2017 21:30

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-060817-A

Tgt Ion:152 Resp: 71476
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.2 189.2
 115 58.4 52.2 78.2

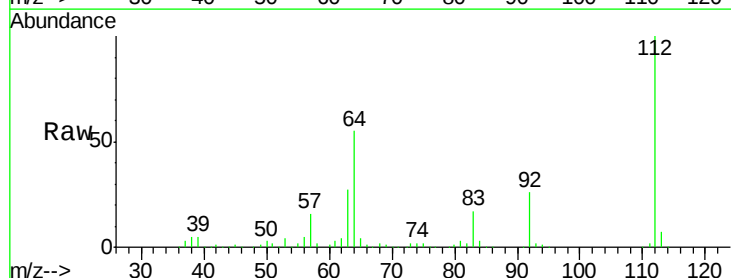


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

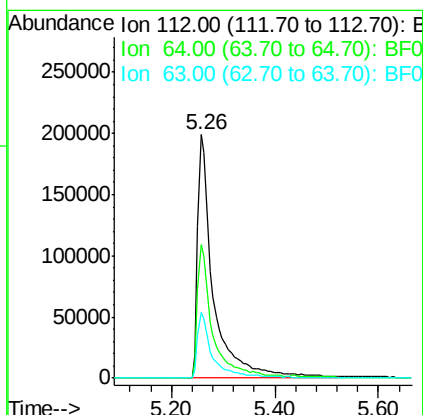
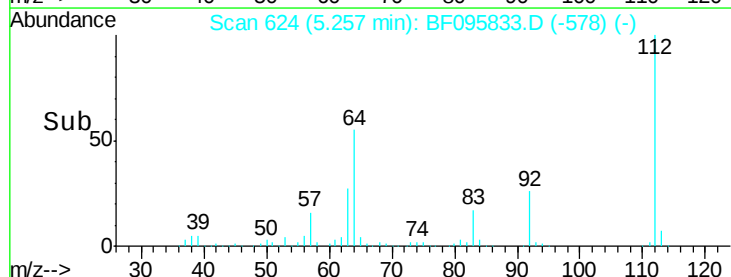


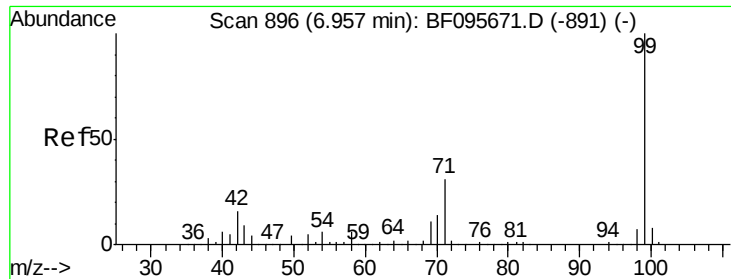
#5
 2-Fluorophenol
 Concen: 93.59 ng
 RT: 5.26 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF095833.D
 Acq: 9 Jun 2017 21:30

Tgt Ion:112 Resp: 419815
 Ion Ratio Lower Upper
 112 100
 64 54.8 46.0 69.0
 63 27.2 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: 97.51 ng

RT: 6.92 min Scan# 907

Delta R.T. -0.04 min

Lab File: BF095833.D

Acq: 9 Jun 2017 21:30

Instrument :

BNA_F

ClientSampleId :

HR-06-060817-A

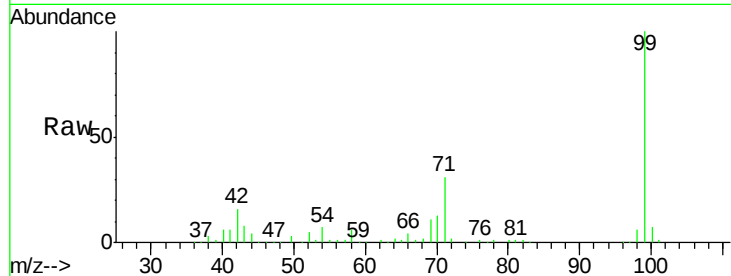
Tgt Ion: 99 Resp: 523619

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

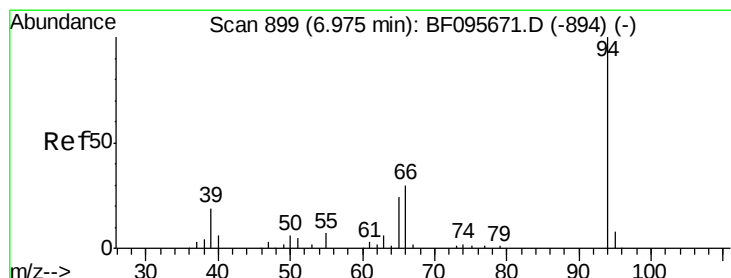
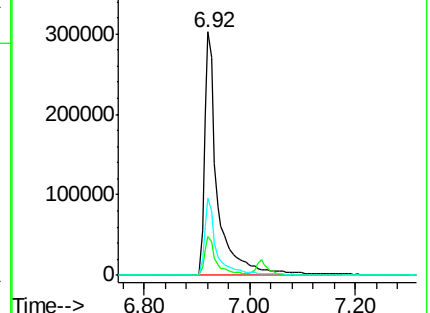
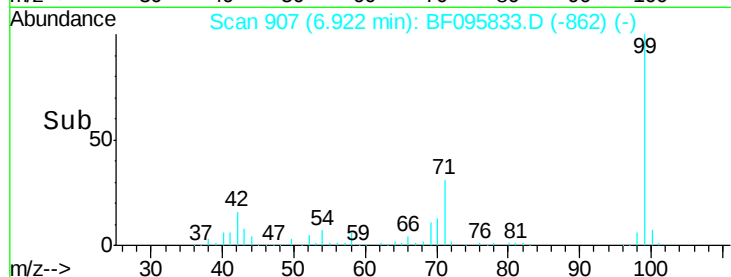
71 31.5 24.5 36.7



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: 2.01 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF095833.D

Acq: 9 Jun 2017 21:30

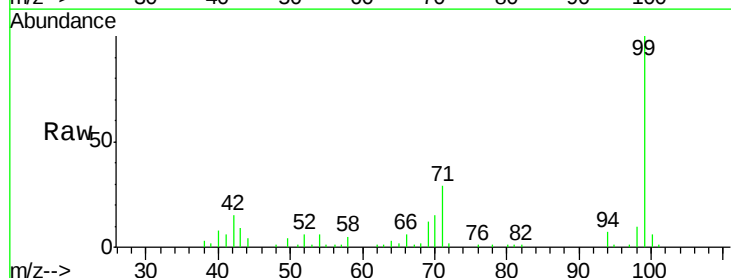
Tgt Ion: 94 Resp: 11189

Ion Ratio Lower Upper

94 100

65 35.4 9.9 49.9

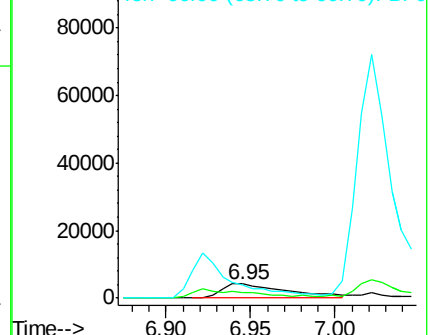
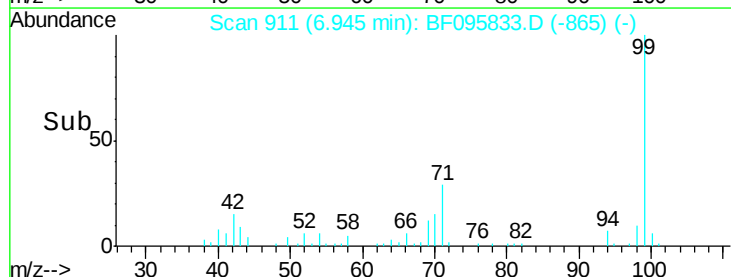
66 90.2 23.1 63.1#

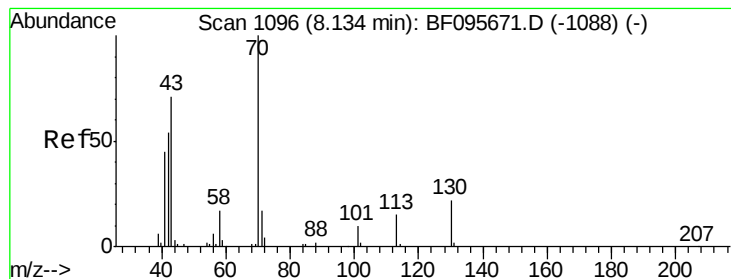


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 10.42 ng

RT: 8.28 min Scan# 1138

Delta R.T. 0.15 min

Lab File: BF095833.D

Acq: 9 Jun 2017 21:30

Instrument :

BNA_F

ClientSampleId :

HR-06-060817-A

Tgt Ion: 70 Resp: 35452

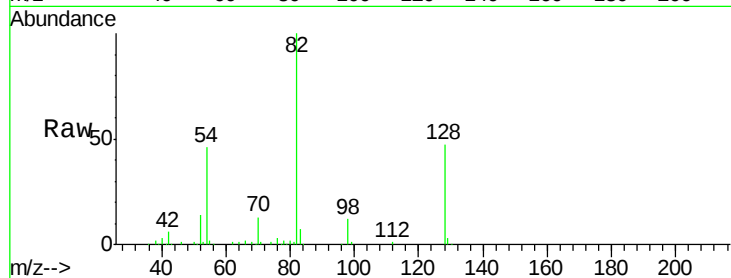
Ion Ratio Lower Upper

70 100

42 45.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

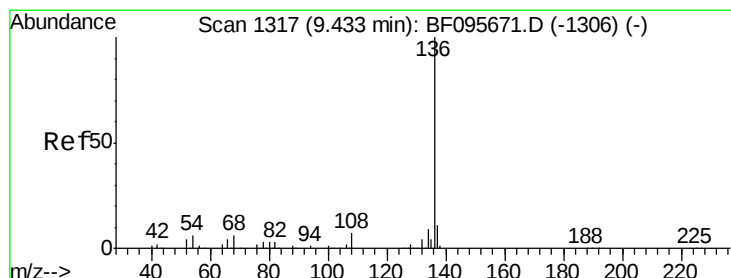
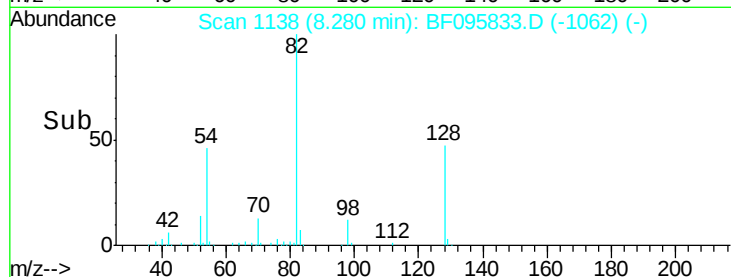
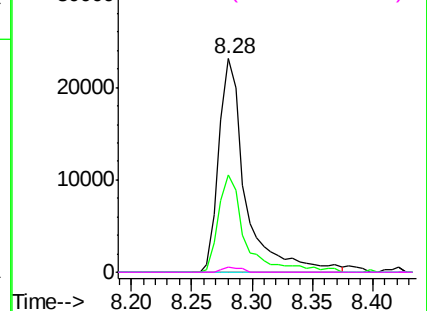


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095833.D

Acq: 9 Jun 2017 21:30

Tgt Ion: 136 Resp: 291788

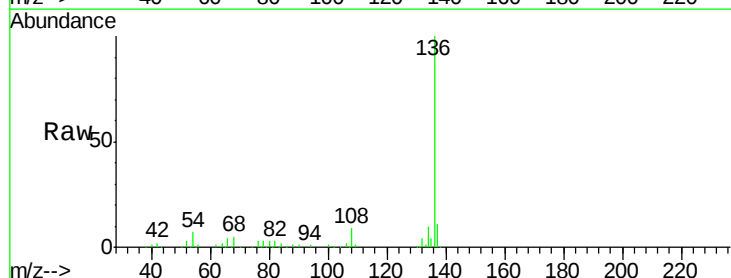
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.3 4.9 7.3#

68 5.2 4.1 6.1

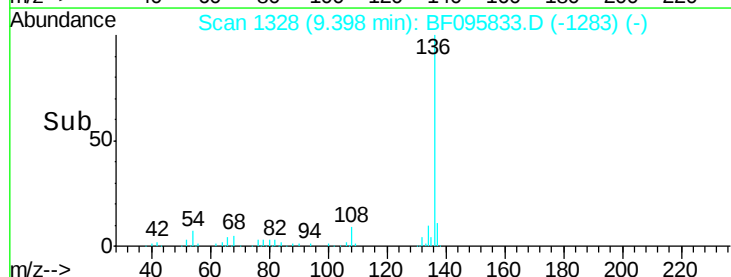
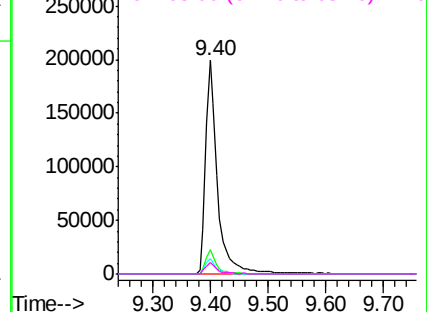


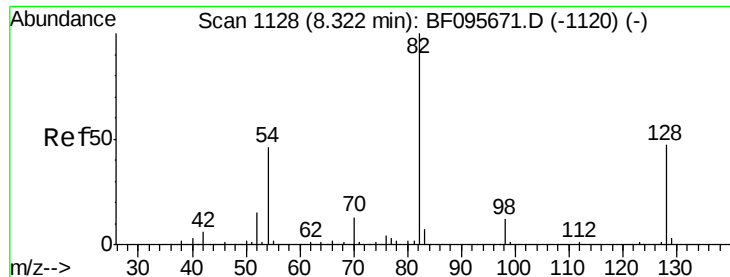
Abundance Ion 136.00 (135.70 to 136.70): E

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

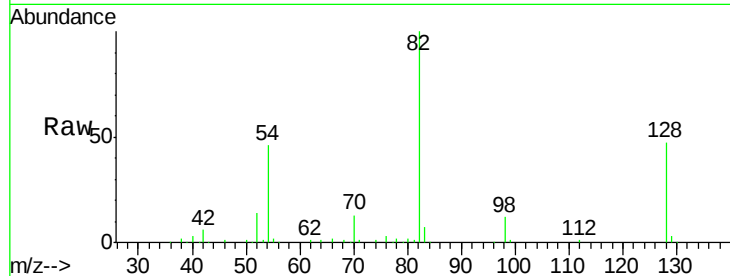




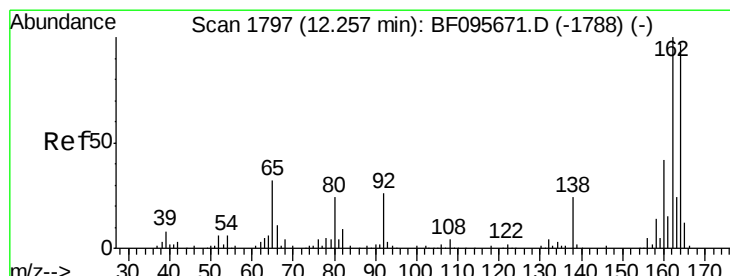
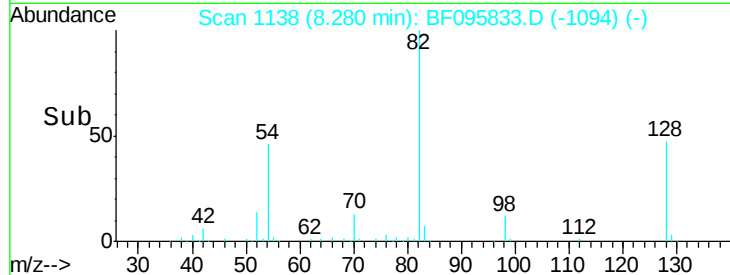
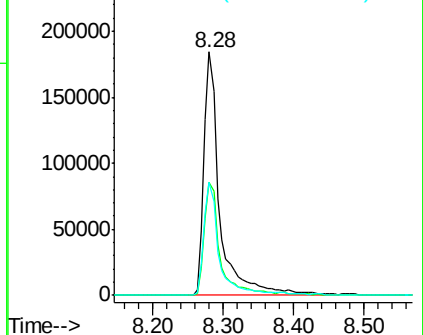
#23
 Nitrobenzene-d5
 Concen: 61.87 ng
 RT: 8.28 min Scan# 1138
 Delta R.T. -0.04 min
 Lab File: BF095833.D
 Acq: 9 Jun 2017 21:30

Instrument :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	46.4	42.2	63.2

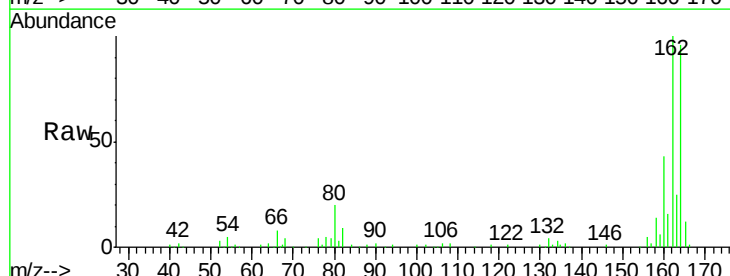


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

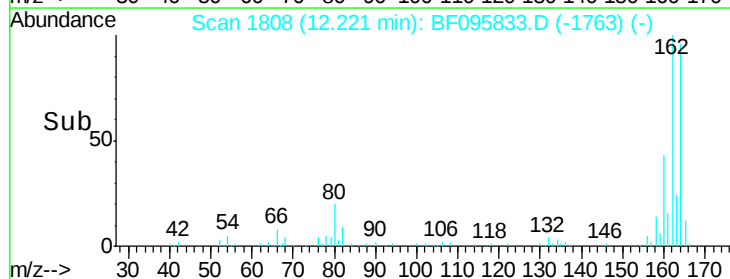
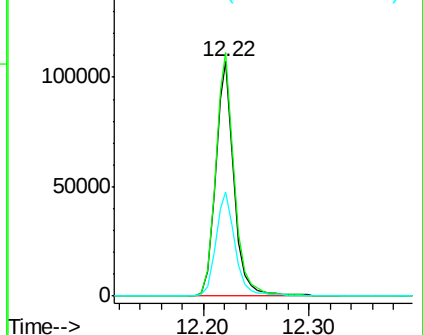


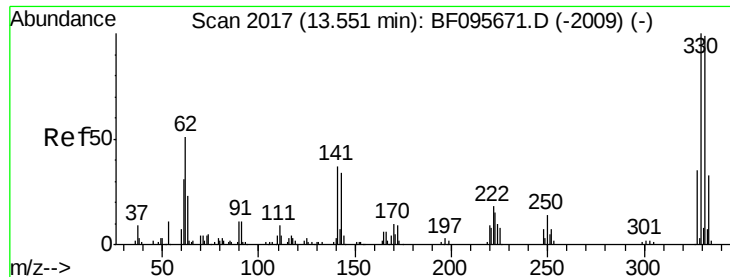
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.22 min Scan# 1808
 Delta R.T. -0.04 min
 Lab File: BF095833.D
 Acq: 9 Jun 2017 21:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	44.7	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

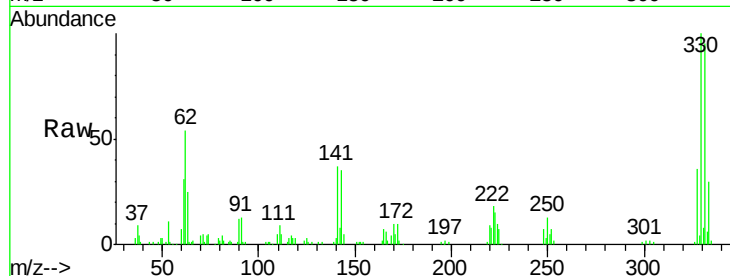




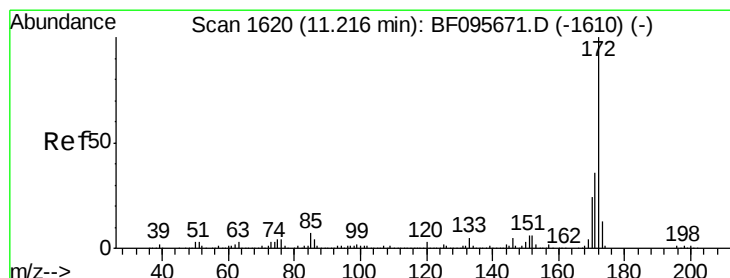
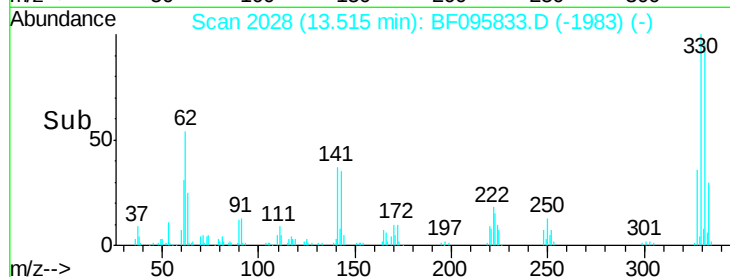
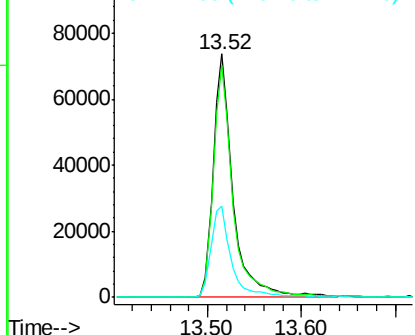
#41
 2,4,6-Tribromophenol
 Concen: 94.15 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF095833.D
 Acq: 9 Jun 2017 21:30

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-060817-A

Tgt Ion:330 Resp: 109277
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 38.4 31.4 47.2

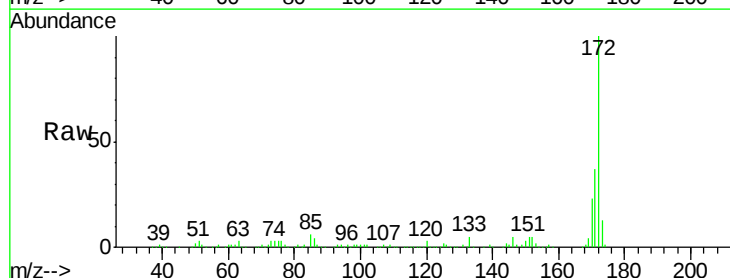


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

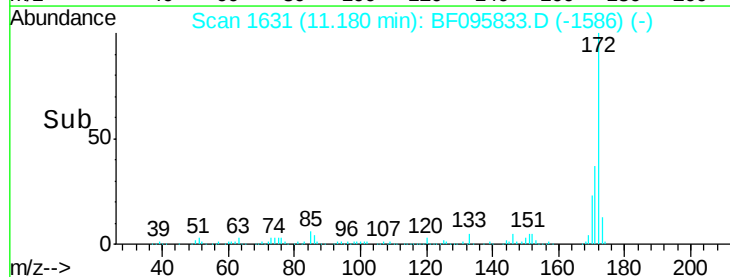
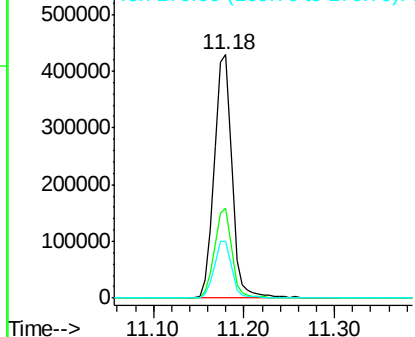


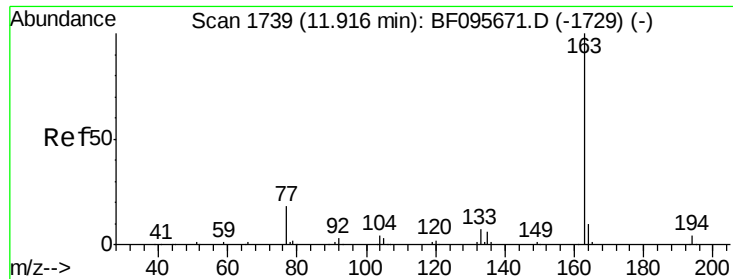
#44
 2-Fluorobiphenyl
 Concen: 61.81 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF095833.D
 Acq: 9 Jun 2017 21:30

Tgt Ion:172 Resp: 582706
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 23.2 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

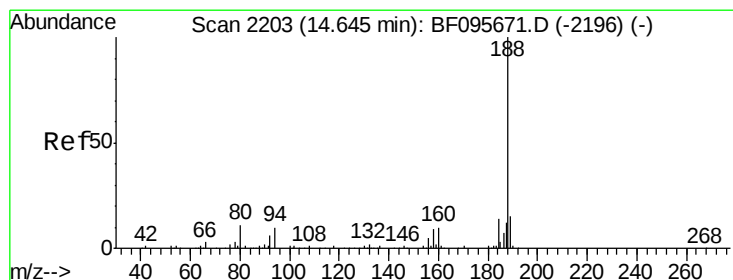
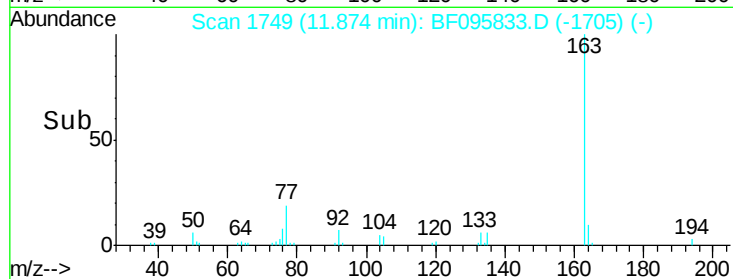
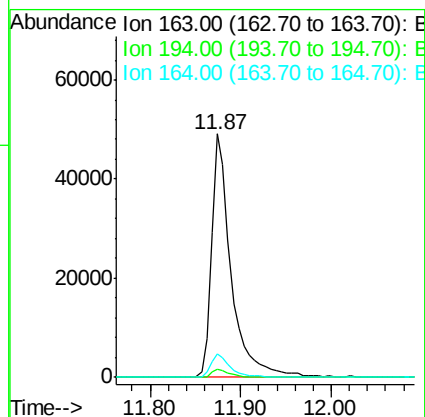
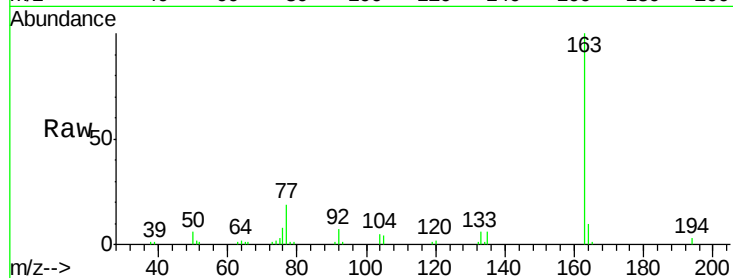




#49
Dimethylphthalate
Concen: 7.47 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095833.D
Acq: 9 Jun 2017 21:30

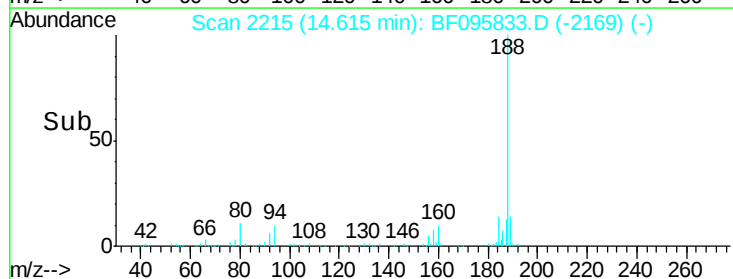
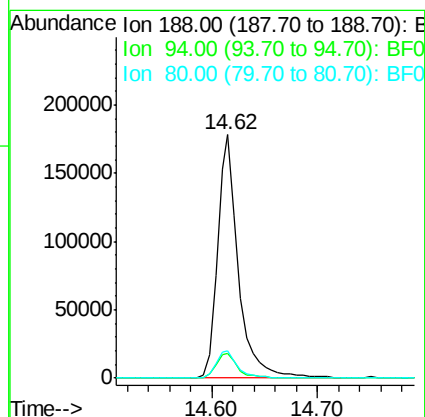
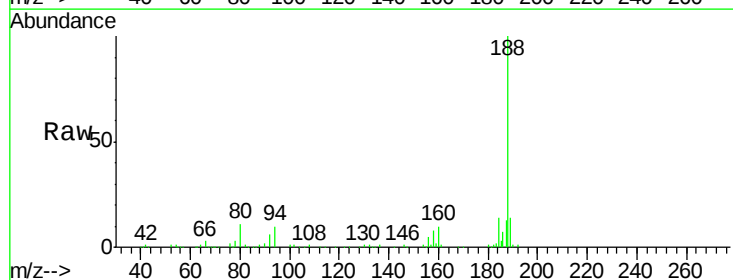
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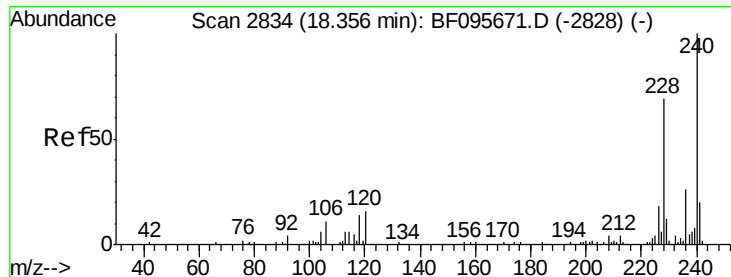
Tgt Ion:163 Resp: 74373
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.8 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095833.D
Acq: 9 Jun 2017 21:30

Tgt Ion:188 Resp: 245659
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.1 10.2 15.2

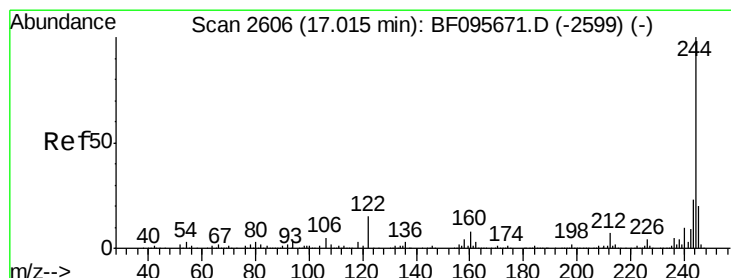
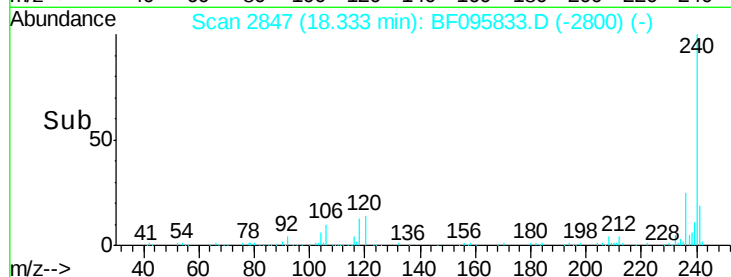
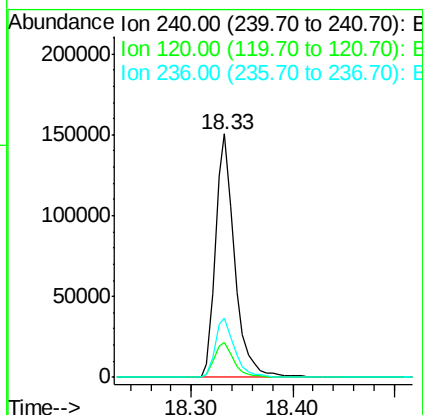
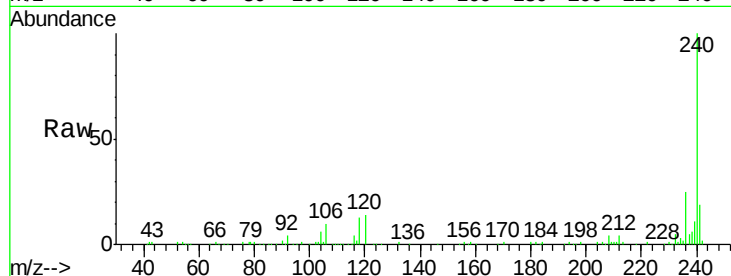




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.33 min Scan# 2847
 Delta R.T. -0.02 min
 Lab File: BF095833.D
 Acq: 9 Jun 2017 21:30

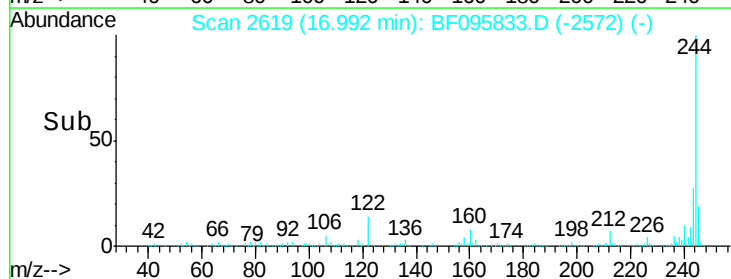
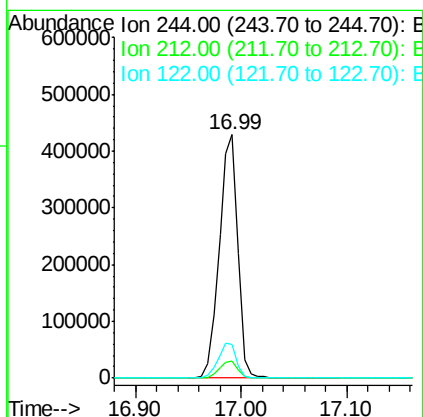
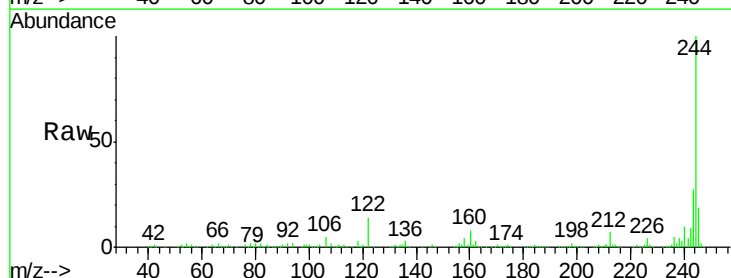
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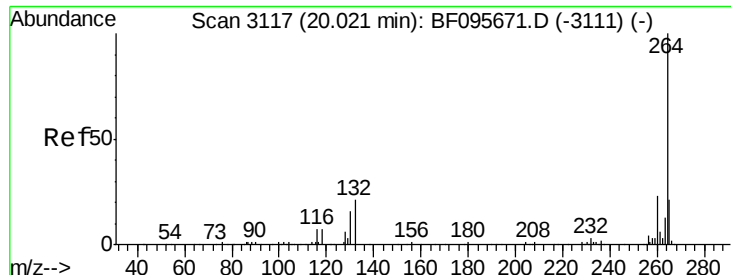
Tgt Ion: 240 Resp: 197063
 Ion Ratio Lower Upper
 240 100
 120 14.3 5.8 8.8#
 236 24.6 20.5 30.7



#78
 Terphenyl-d14
 Concen: 66.23 ng
 RT: 16.99 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BF095833.D
 Acq: 9 Jun 2017 21:30

Tgt Ion: 244 Resp: 525864
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.1 10.3 15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BF095833.D
Acq: 9 Jun 2017 21:30

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-A

Tgt Ion: 264 Resp: 137089
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.9 17.2 25.8

