

Data File : BF095828.D
Acq On : 9 Jun 2017 18:48
Operator : SJ/MA
Sample : I3566-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP(0-10)

Quant Time: Jun 10 02:22:03 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

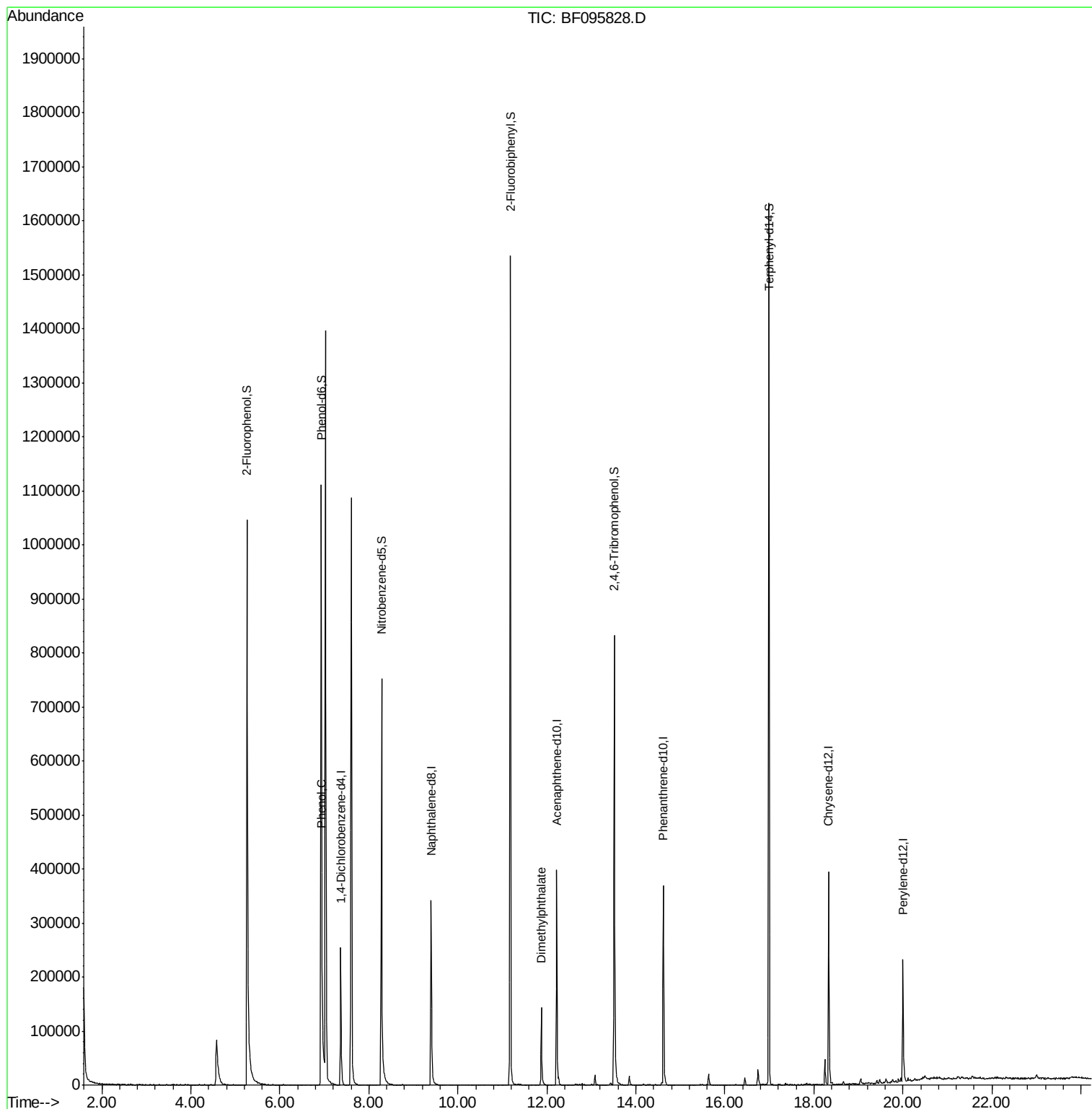
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	62799	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	259969	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	116522	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	214098	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	187661	20.00	ng	-0.02
86) Perylene-d12	20.00	264	118765	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	579975	147.16	ng	-0.02
7) Phenol-d6	6.93	99	721784	152.98	ng	-0.03
23) Nitrobenzene-d5	8.29	82	410858	98.15	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	151862	147.30	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	748288	89.37	ng	-0.04
78) Terphenyl-d14	16.99	244	674458	89.19	ng	-0.02
Target Compounds						
10) Phenol	6.95	94	16276	3.33	ng	Qvalue # 73
49) Dimethylphthalate	11.87	163	99911	11.29	ng	99

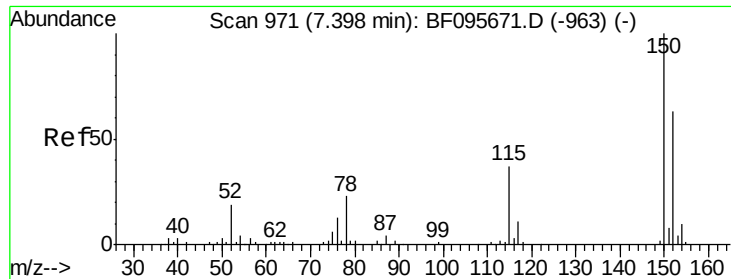
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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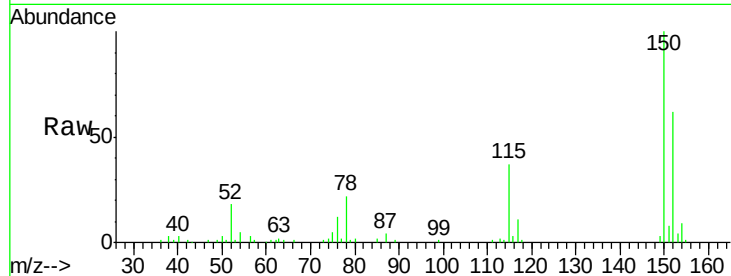




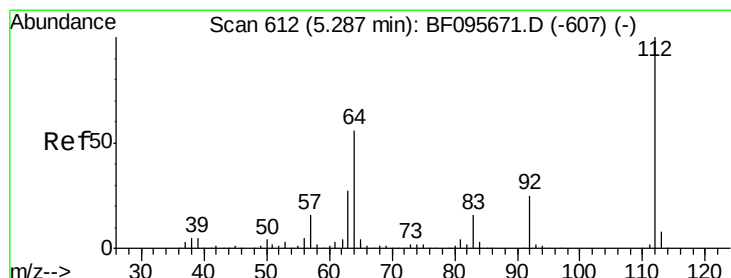
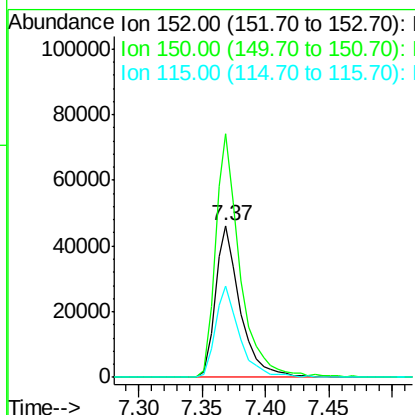
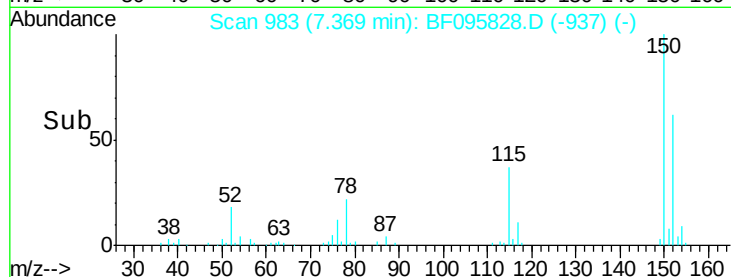
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.37 min Scan# 983
 Delta R.T. -0.03 min
 Lab File: BF095828.D
 Acq: 9 Jun 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP(0-10)

Tgt Ion:152 Resp: 62799
 Ion Ratio Lower Upper
 152 100
 150 160.1 126.2 189.2
 115 59.8 52.2 78.2

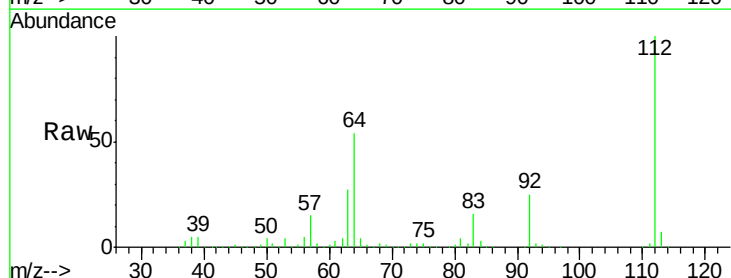


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

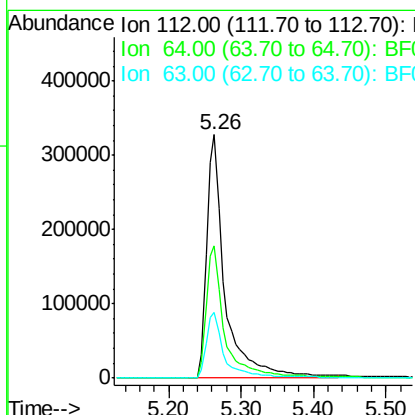
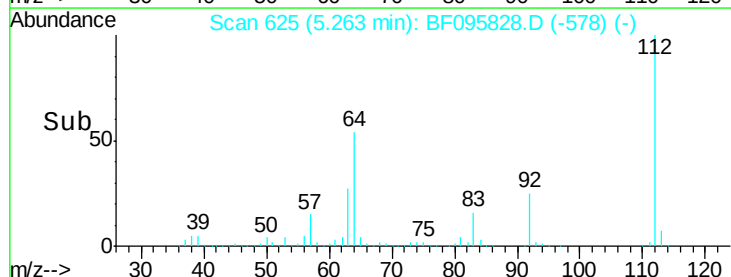


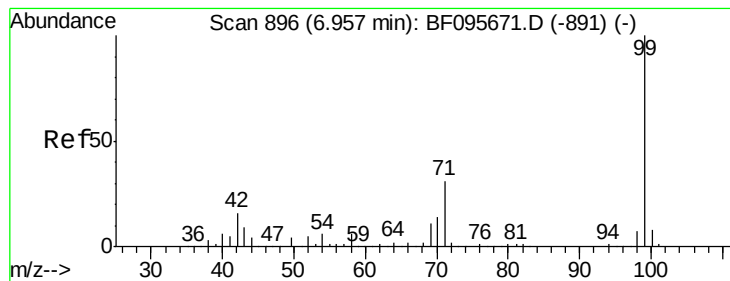
#5
 2-Fluorophenol
 Concen: 147.16 ng
 RT: 5.26 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF095828.D
 Acq: 9 Jun 2017 18:48

Tgt Ion:112 Resp: 579975
 Ion Ratio Lower Upper
 112 100
 64 54.4 46.0 69.0
 63 27.1 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: 152.98 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095828.D

Acq: 9 Jun 2017 18:48

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP(0-10)

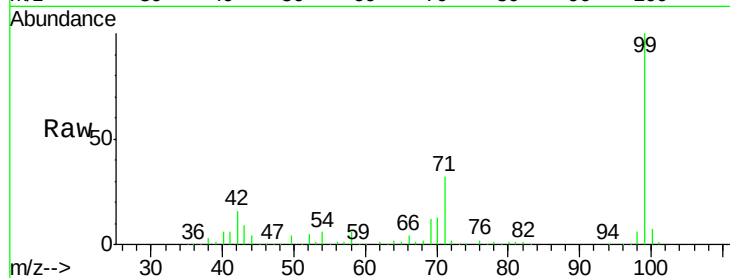
Tgt Ion: 99 Resp: 721784

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

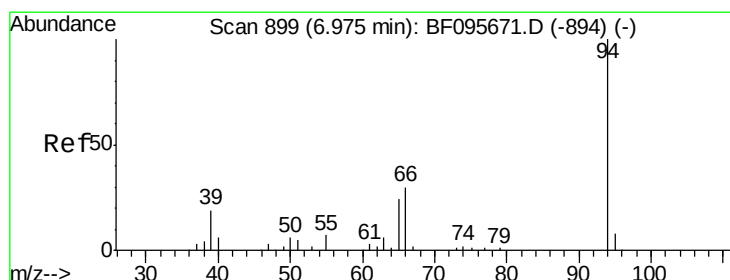
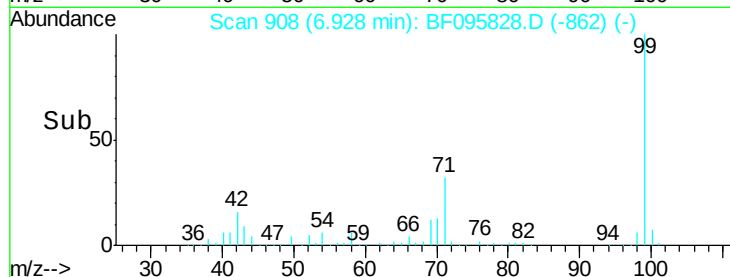
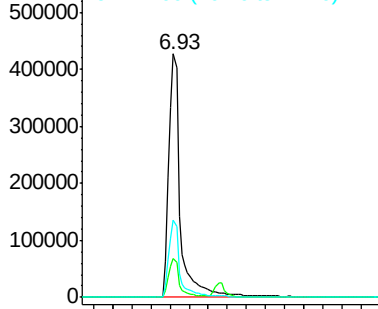
71 31.6 24.5 36.7



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: 3.33 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF095828.D

Acq: 9 Jun 2017 18:48

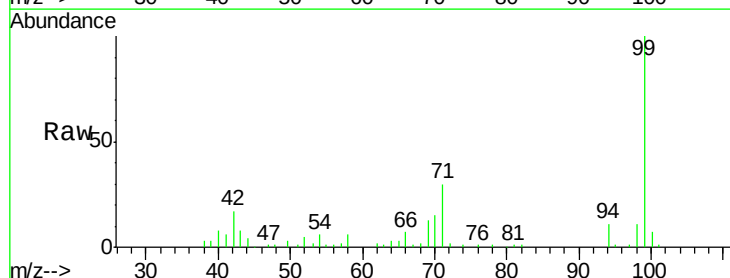
Tgt Ion: 94 Resp: 16276

Ion Ratio Lower Upper

94 100

65 32.8 9.9 49.9

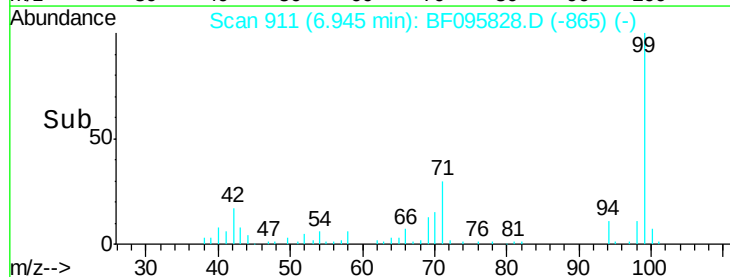
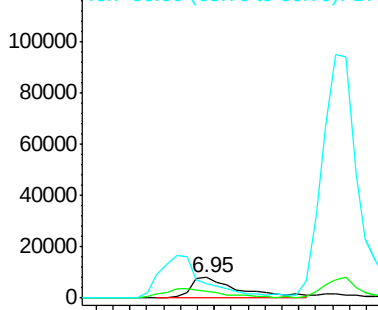
66 69.7 23.1 63.1#

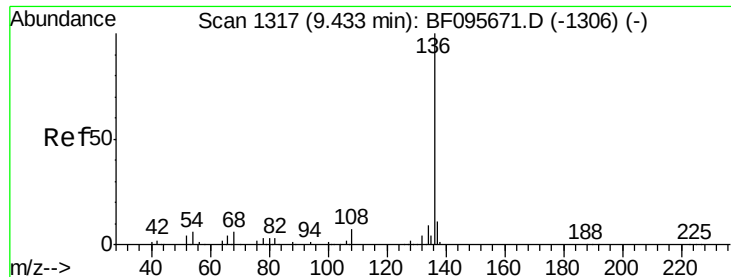


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095828.D

Acq: 9 Jun 2017 18:48

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP(0-10)

Tgt Ion:136 Resp: 259969

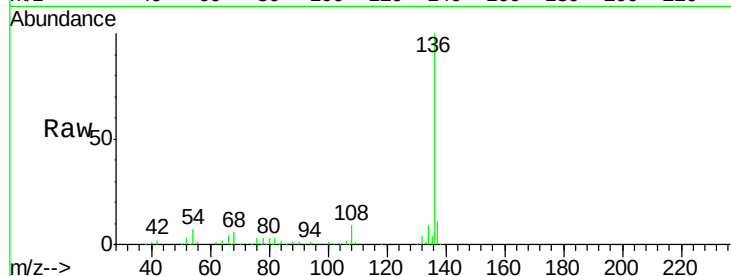
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3

68 5.8 4.1 6.1

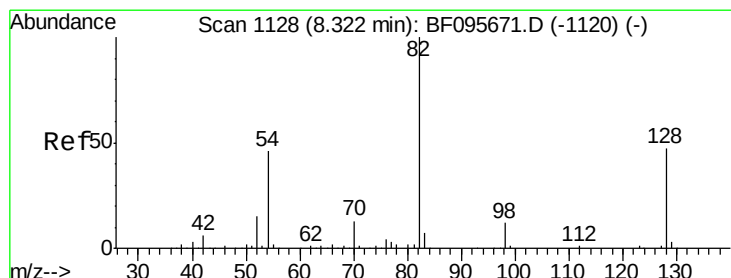
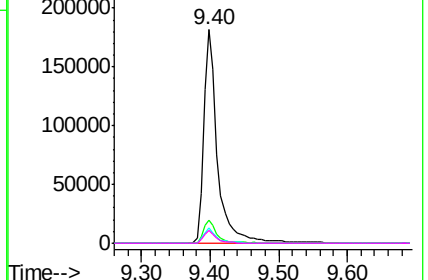
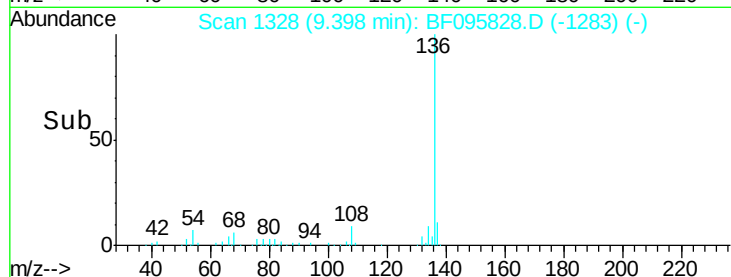


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.15 ng

RT: 8.29 min Scan# 1139

Delta R.T. -0.04 min

Lab File: BF095828.D

Acq: 9 Jun 2017 18:48

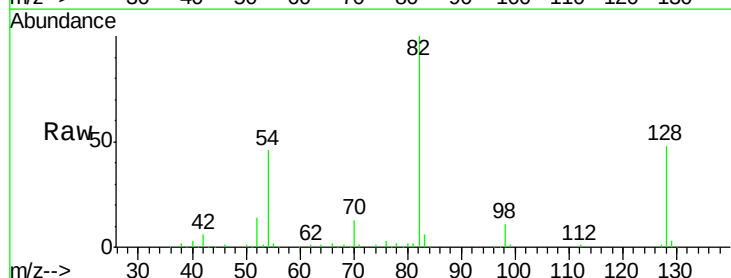
Tgt Ion: 82 Resp: 410858

Ion Ratio Lower Upper

82 100

128 48.0 34.0 51.0

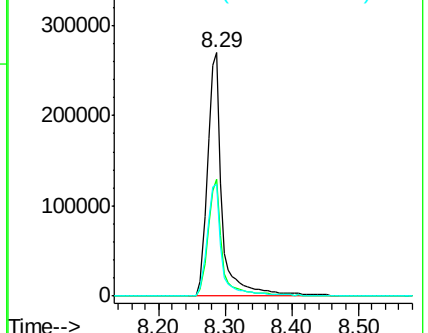
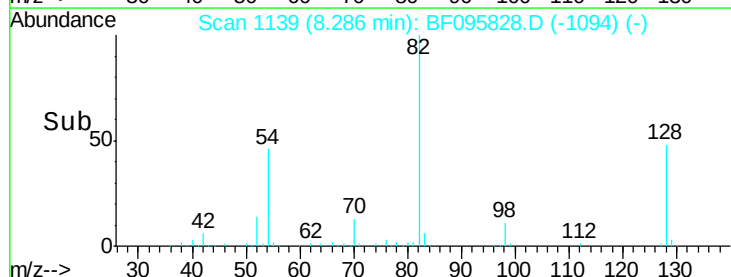
54 46.1 42.2 63.2

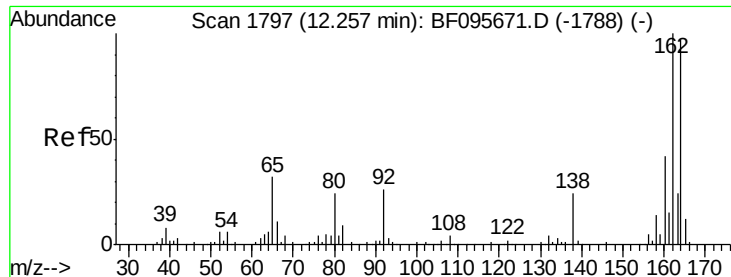


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF095828.D

Acq: 9 Jun 2017 18:48

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP(0-10)

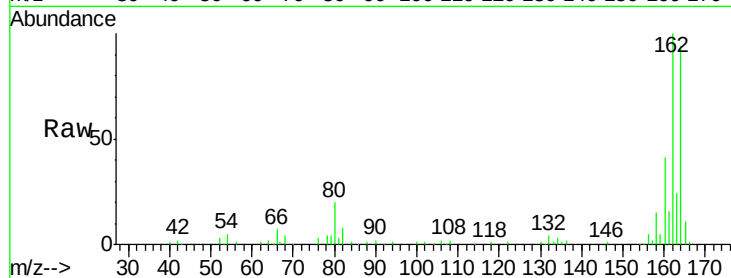
Tgt Ion:164 Resp: 116522

Ion Ratio Lower Upper

164 100

162 106.4 82.6 123.8

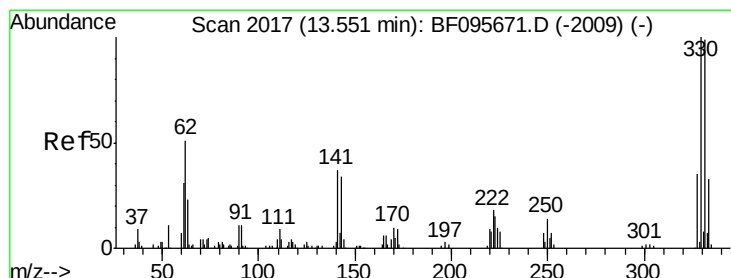
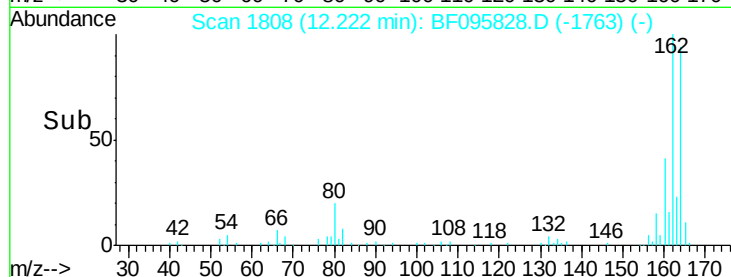
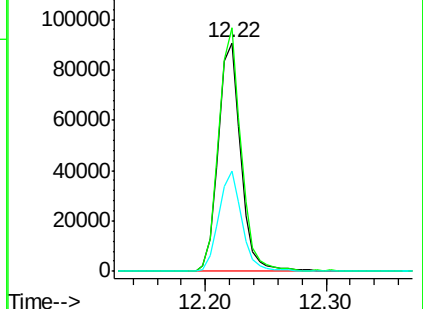
160 43.9 36.2 54.2



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: 147.30 ng

RT: 13.52 min Scan# 2028

Delta R.T. -0.04 min

Lab File: BF095828.D

Acq: 9 Jun 2017 18:48

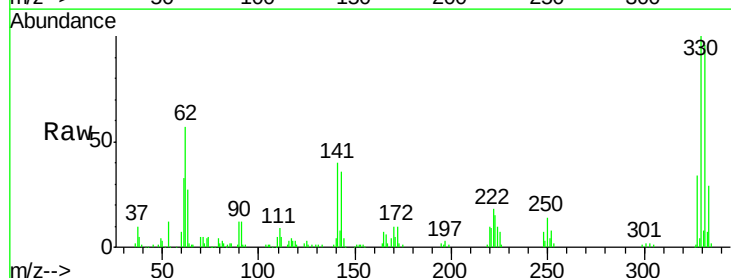
Tgt Ion:330 Resp: 151862

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

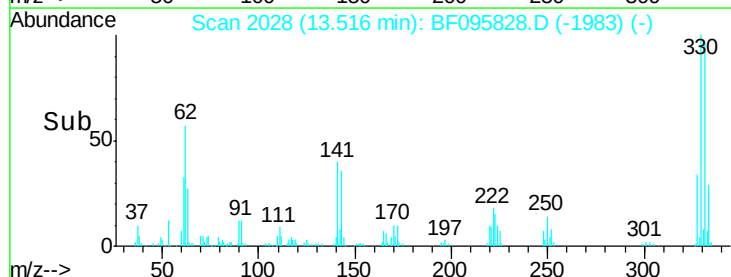
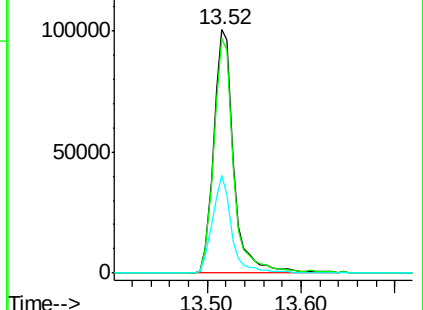
141 38.6 31.4 47.2

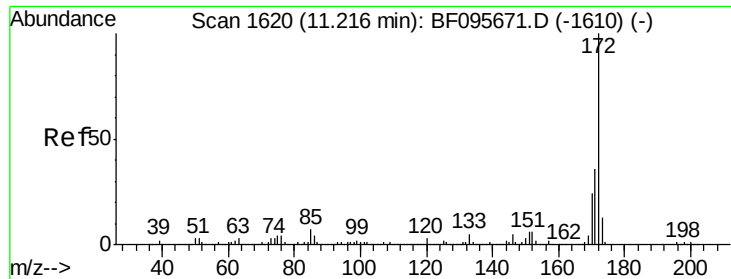


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

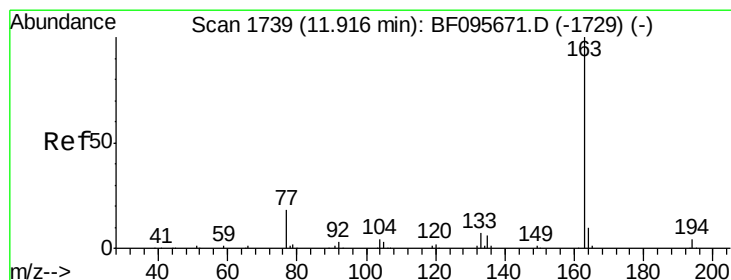
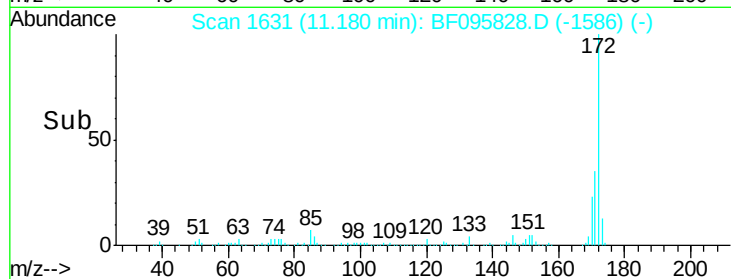
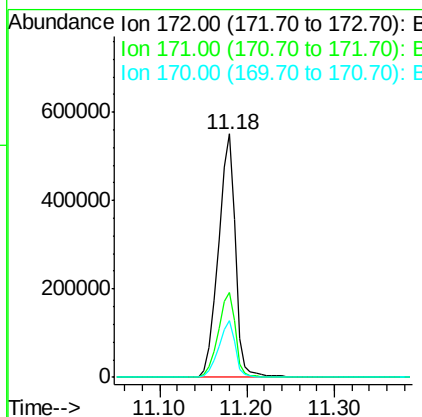
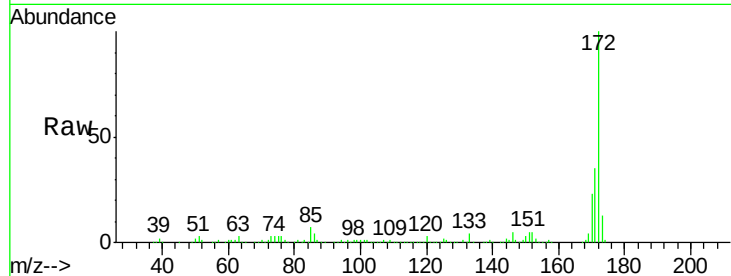




#44
2-Fluorobiphenyl
Concen: 89.37 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095828.D
Acq: 9 Jun 2017 18:48

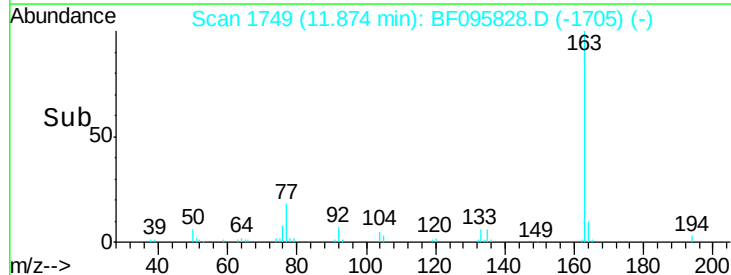
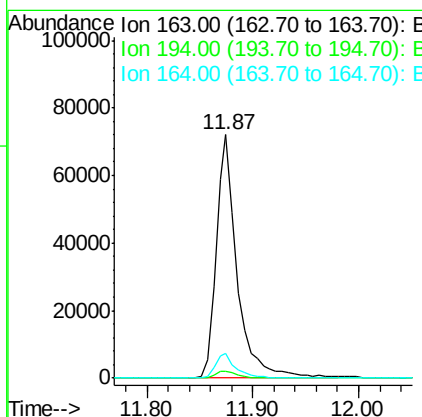
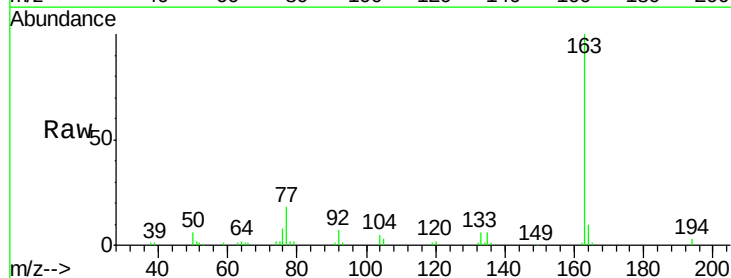
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP(0-10)

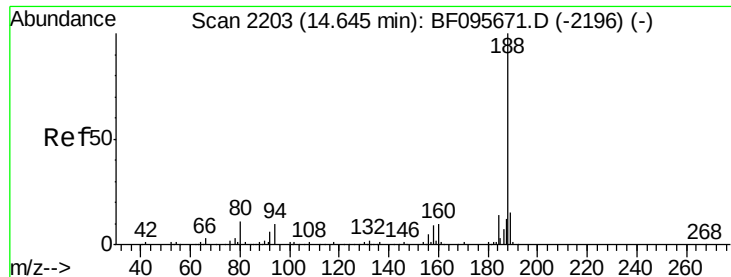
Tgt Ion:172 Resp: 748288
Ion Ratio Lower Upper
172 100
171 35.0 29.6 44.4
170 23.2 19.8 29.8



#49
Dimethylphthalate
Concen: 11.29 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095828.D
Acq: 9 Jun 2017 18:48

Tgt Ion:163 Resp: 99911
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.1 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: BF095828.D

Acq: 9 Jun 2017 18:48

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP(0-10)

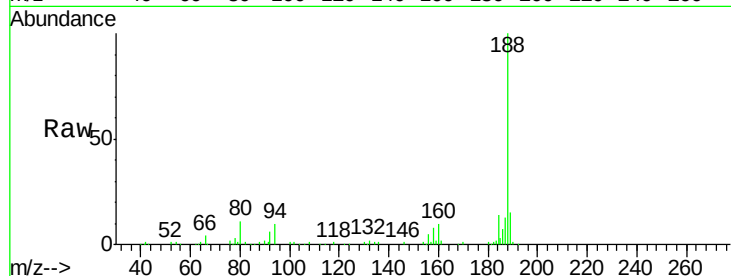
Tgt Ion:188 Resp: 214098

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

80 10.5 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

200000

150000

100000

50000

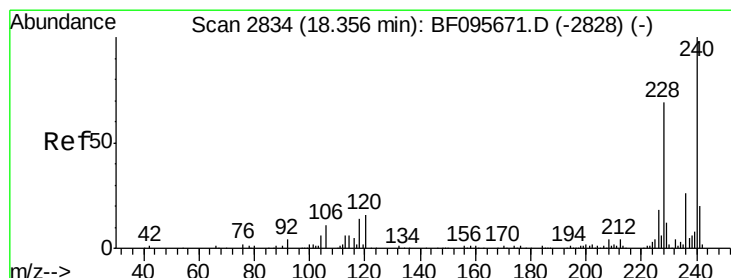
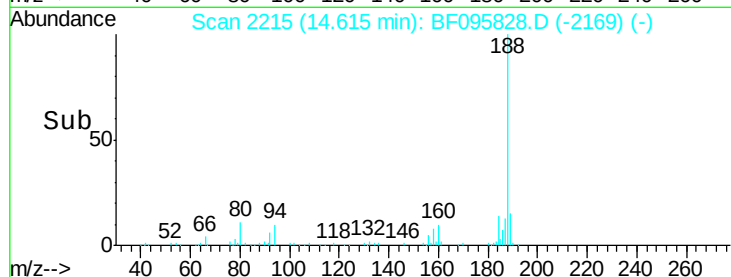
0

14.62

14.60

14.70

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095828.D

Acq: 9 Jun 2017 18:48

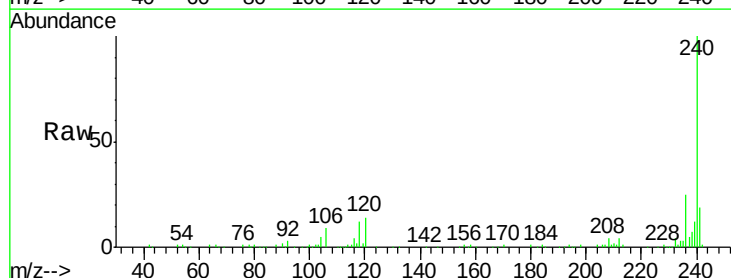
Tgt Ion:240 Resp: 187661

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

236 24.6 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

200000

150000

100000

50000

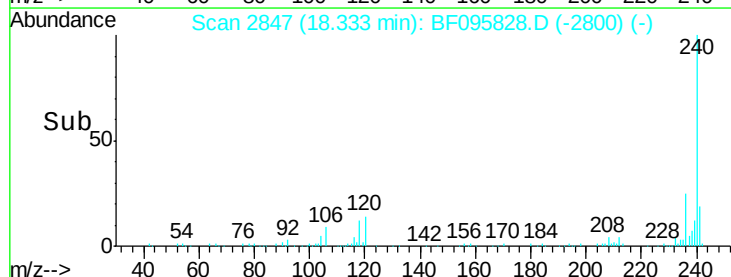
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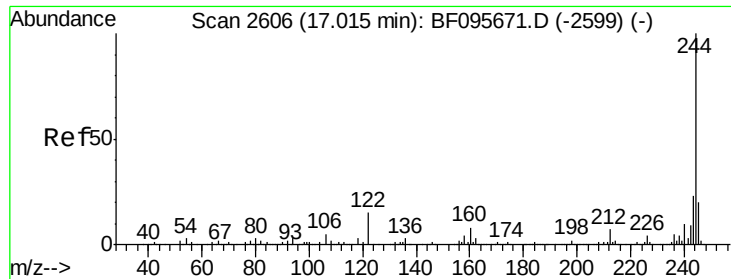
18.33

18.30

18.40

Time-->

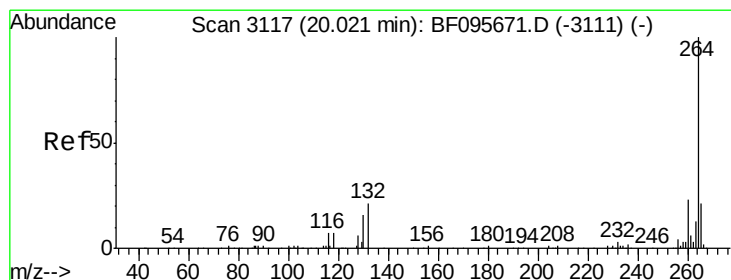
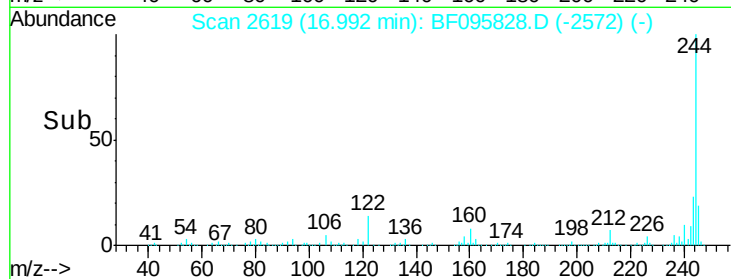
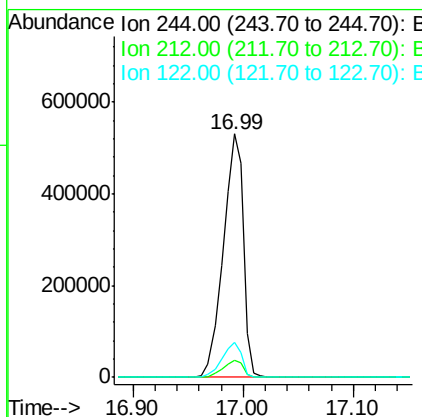
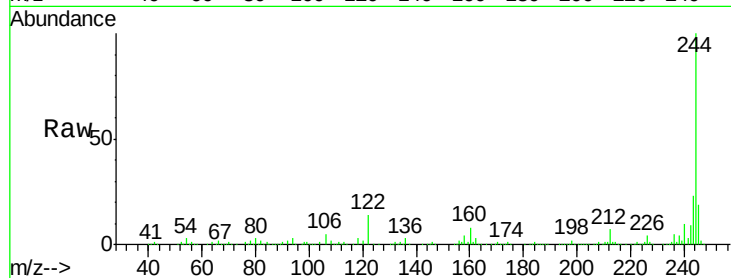




#78
 Terphenyl-d14
 Concen: 89.19 ng
 RT: 16.99 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BF095828.D
 Acq: 9 Jun 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP(0-10)

Tgt Ion: 244 Resp: 674458
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.5 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: BF095828.D
 Acq: 9 Jun 2017 18:48

Tgt Ion: 264 Resp: 118765
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.7 17.2 25.8

