

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095317.D
 Acq On : 22 May 2017 16:50
 Operator : SJ/MA
 Sample : I3157-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 01:15:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

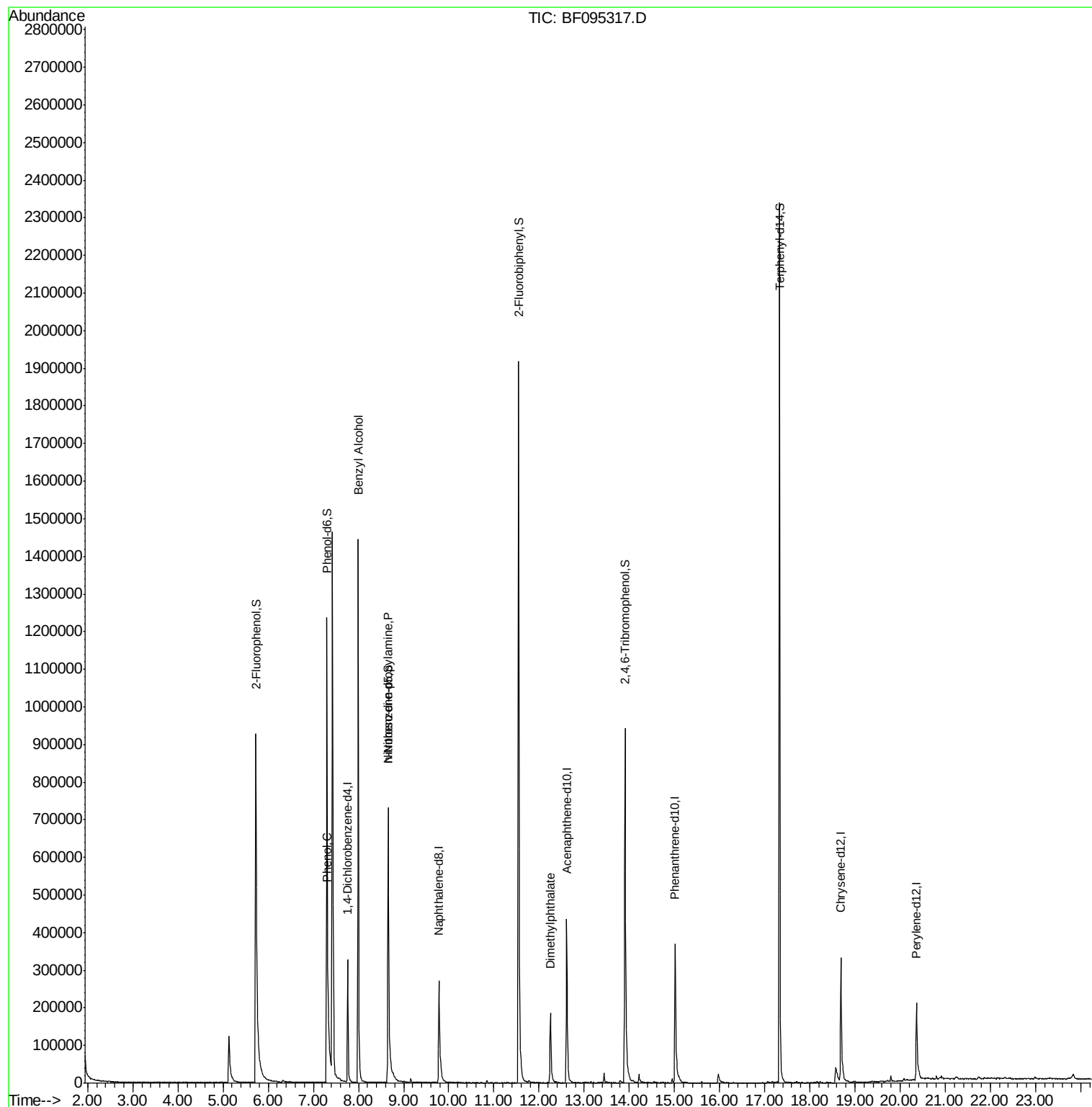
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	73950	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	302691	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	160169	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	311040	20.00	ng	-0.01
75) Chrysene-d12	18.69	240	224682	20.00	ng	0.00
86) Perylene-d12	20.37	264	151641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	661892	149.22	ng	-0.01
7) Phenol-d6	7.30	99	839465	157.74	ng	-0.01
23) Nitrobenzene-d5	8.66	82	478539	99.69	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	217349	165.70	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	1047023	94.09	ng	-0.01
78) Terphenyl-d14	17.33	244	956451	93.76	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	19372	3.45	ng	# 57
15) Benzyl Alcohol	8.00	79	7430	2.17	ng	# 43
19) n-Nitroso-di-n-propylamine	8.66	70	56196	15.61	ng	# 74
49) Dimethylphthalate	12.25	163	174245	13.25	ng	99

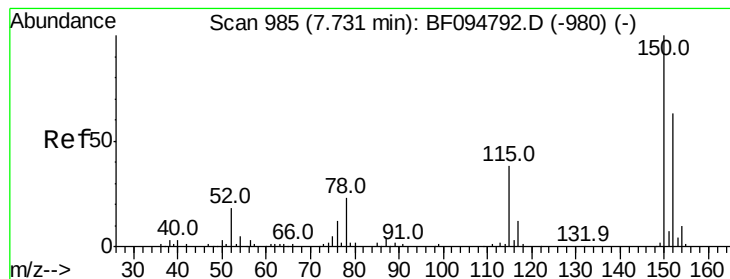
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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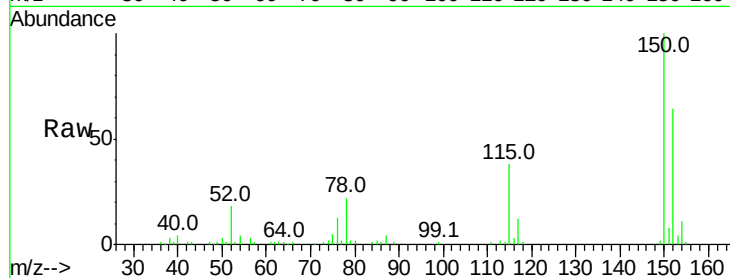


#1

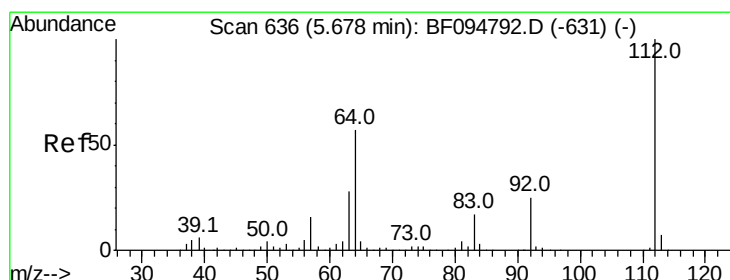
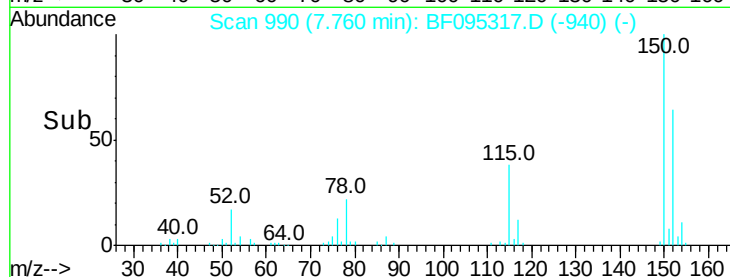
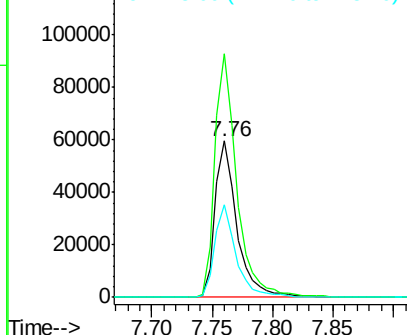
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095317.D
Acq: 22 May 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73950
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 59.5 52.2 78.2



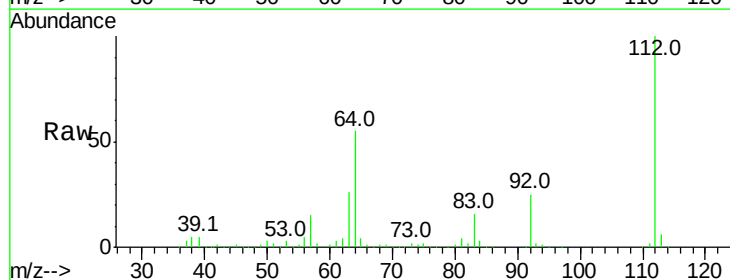
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



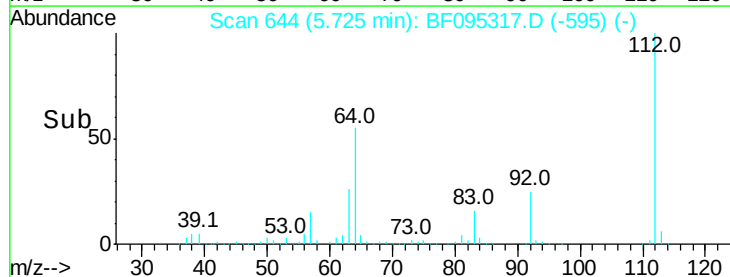
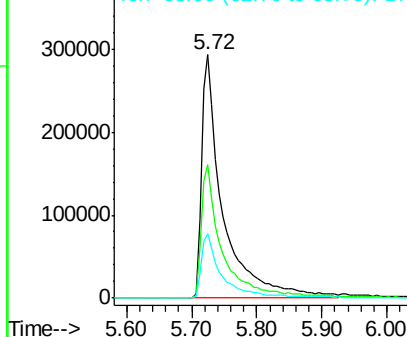
#5

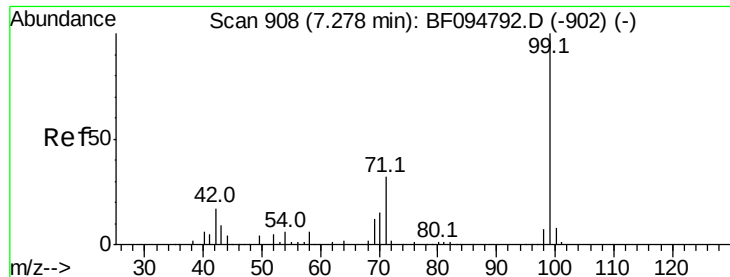
2-Fluorophenol
Concen: 149.22 ng
RT: 5.72 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF095317.D
Acq: 22 May 2017 16:50

Tgt Ion:112 Resp: 661892
Ion Ratio Lower Upper
112 100
64 54.8 46.0 69.0
63 26.5 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: 157.74 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095317.D

Acq: 22 May 2017 16:50

Instrument :

BNA_F

ClientSampleId :

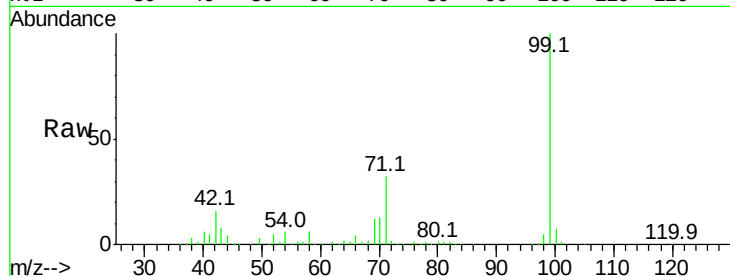
Tot Ion: 99 Resp: 839465

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

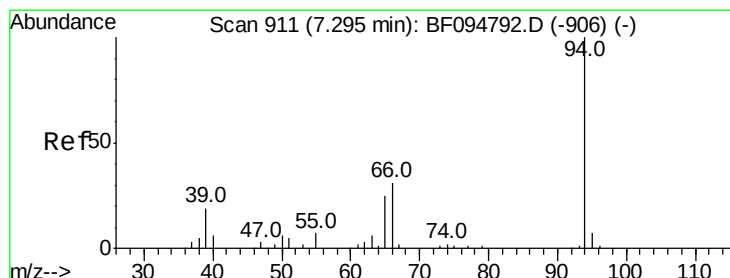
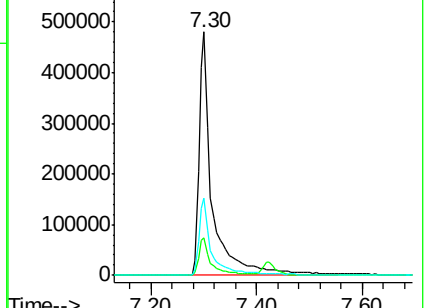
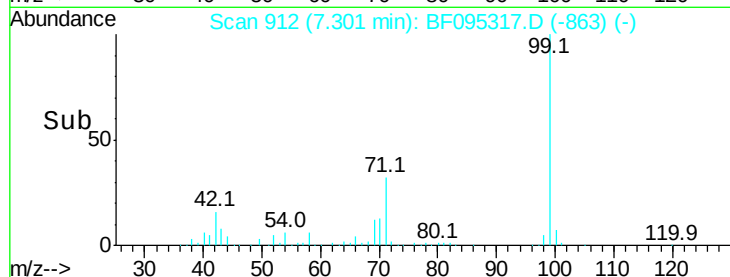
71 32.0 24.5 36.7



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



#10

Phenol

Concen: 3.45 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095317.D

Acq: 22 May 2017 16:50

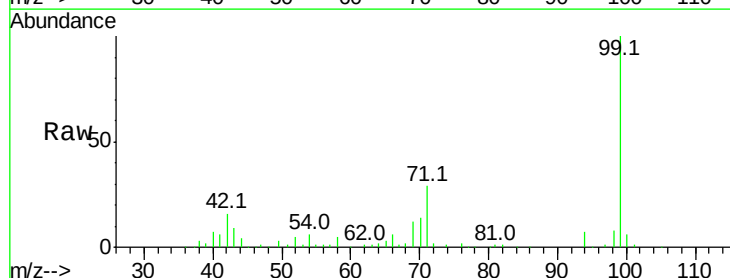
Tgt Ion: 94 Resp: 19372

Ion Ratio Lower Upper

94 100

65 36.3 9.9 49.9

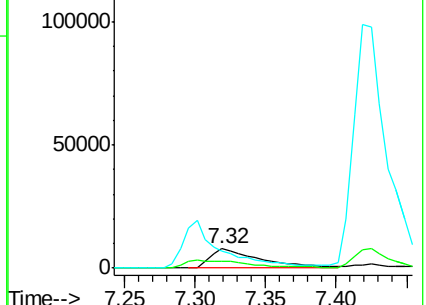
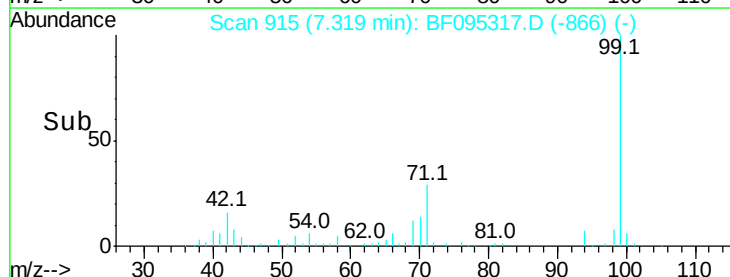
66 84.9 23.1 63.1#

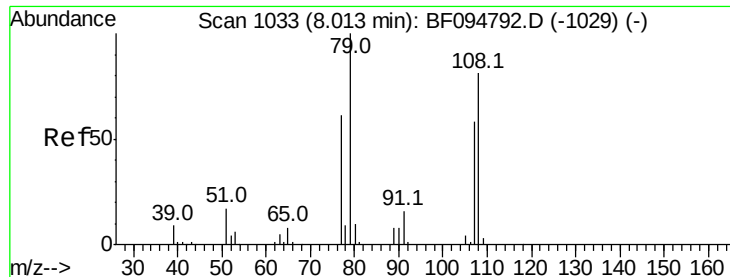


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 8.00 min Scan# 1030

Delta R.T. -0.06 min

Lab File: BF095317.D

Acq: 22 May 2017 16:50

Instrument :

BNA_F

ClientSampleId :

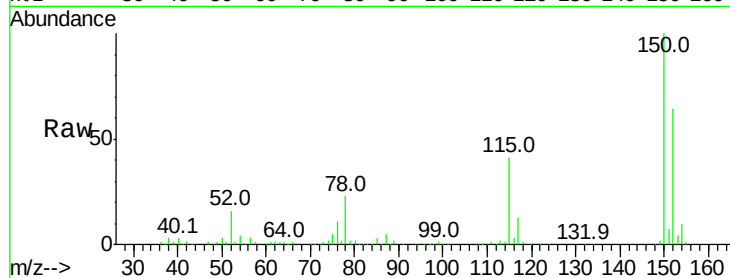
Tot Ion: 79 Resp: 7430

Ion Ratio Lower Upper

79 100

108 31.6 63.4 95.0#

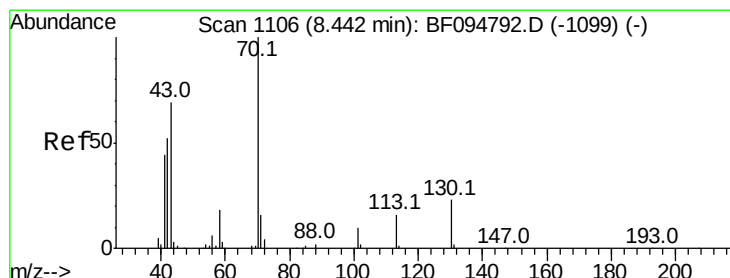
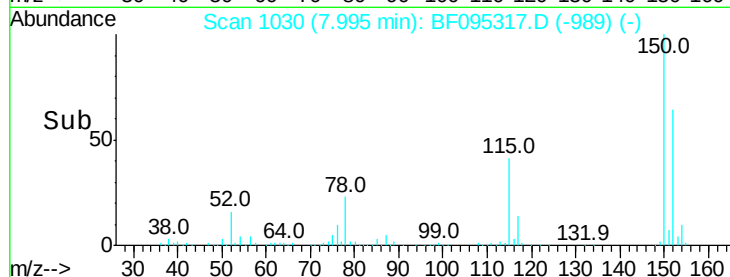
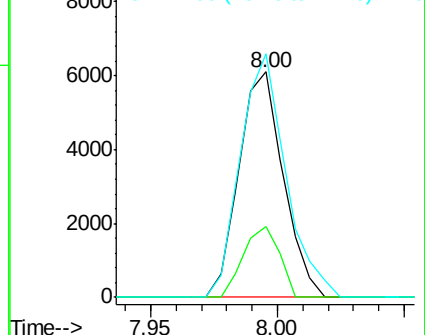
77 108.0 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.61 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095317.D

Acq: 22 May 2017 16:50

Tgt Ion: 70 Resp: 56196

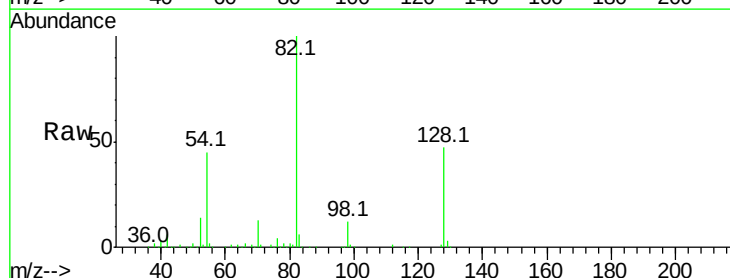
Ion Ratio Lower Upper

70 100

42 42.9 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

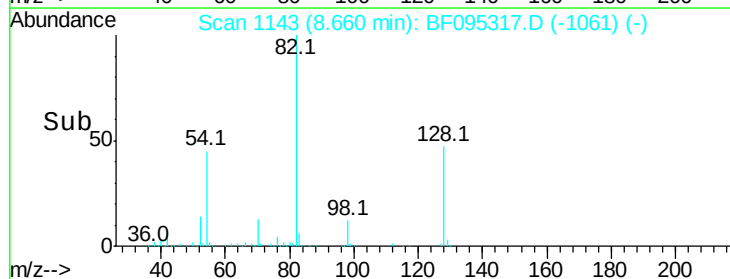
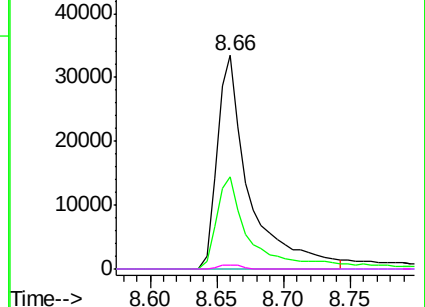


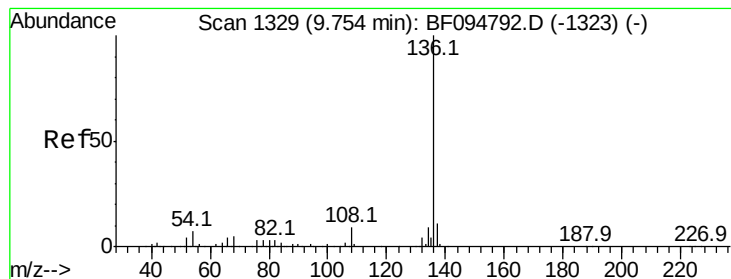
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095317.D

Acq: 22 May 2017 16:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 302691

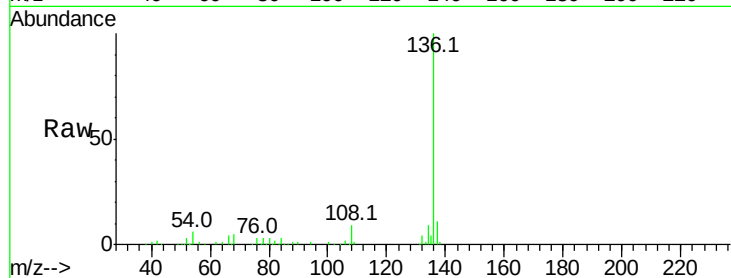
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.3 4.9 7.3

68 5.1 4.1 6.1

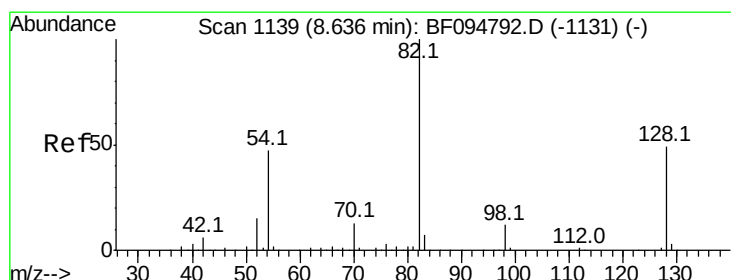
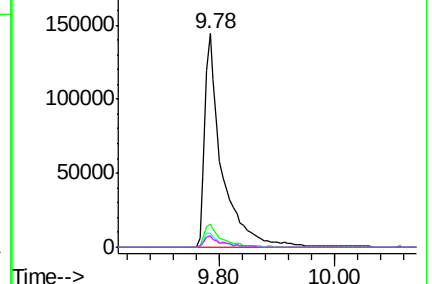
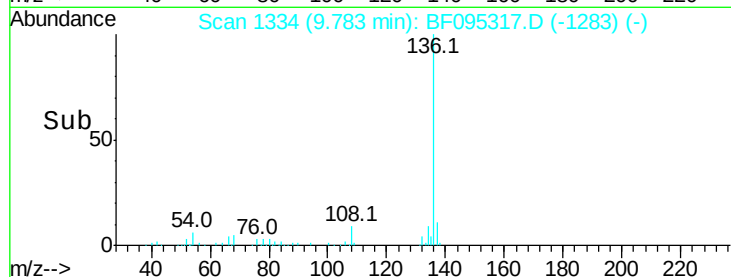


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.69 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095317.D

Acq: 22 May 2017 16:50

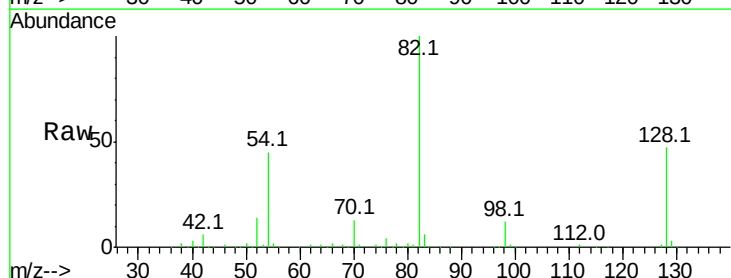
Tgt Ion: 82 Resp: 478539

Ion Ratio Lower Upper

82 100

128 47.5 34.0 51.0

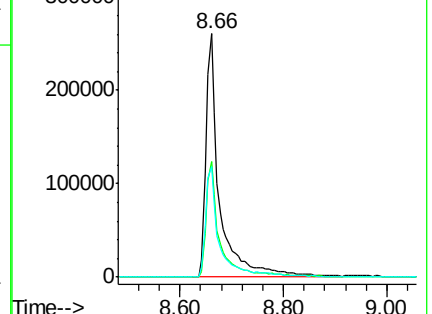
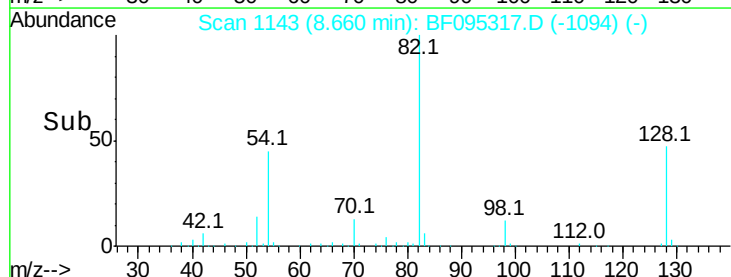
54 45.4 42.2 63.2

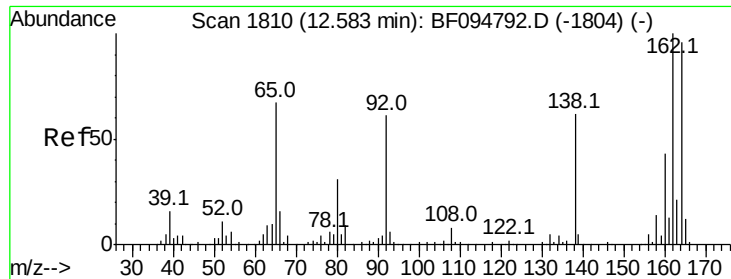


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095317.D

Acq: 22 May 2017 16:50

Instrument :

BNA_F

ClientSampleId :

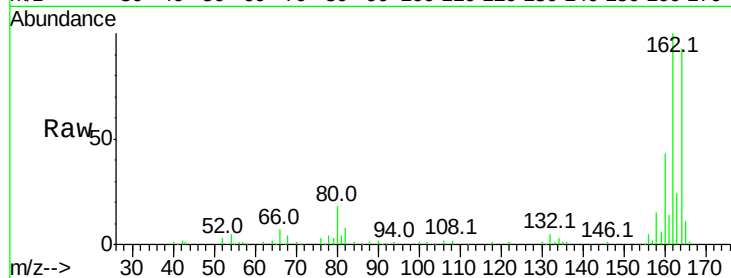
Tot Ion:164 Resp: 160169

Ion Ratio Lower Upper

164 100

162 107.3 82.6 123.8

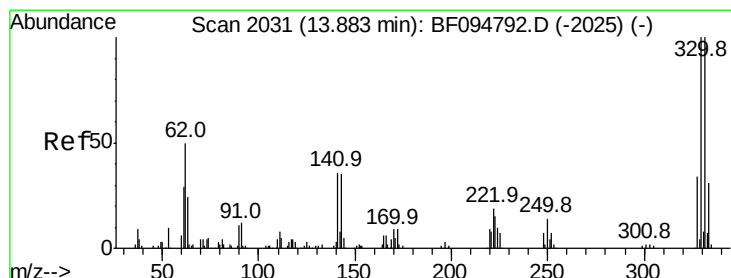
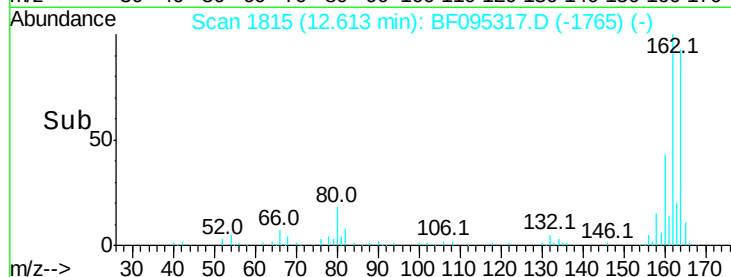
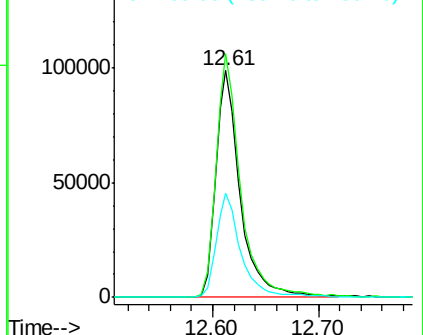
160 45.6 36.2 54.2



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: 165.70 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095317.D

Acq: 22 May 2017 16:50

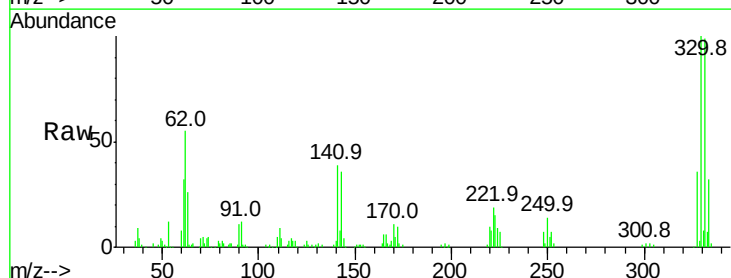
Tgt Ion:330 Resp: 217349

Ion Ratio Lower Upper

330 100

332 91.5 76.6 115.0

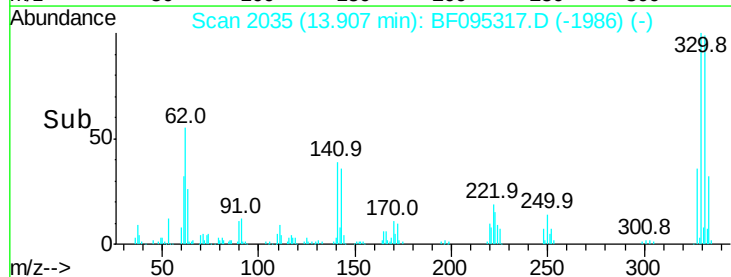
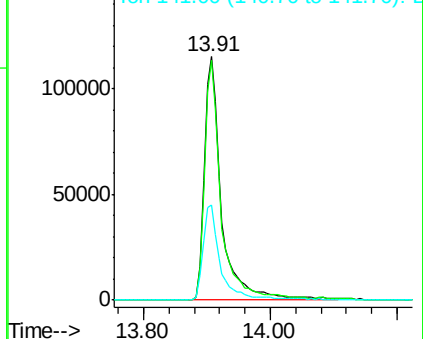
141 38.8 31.4 47.2

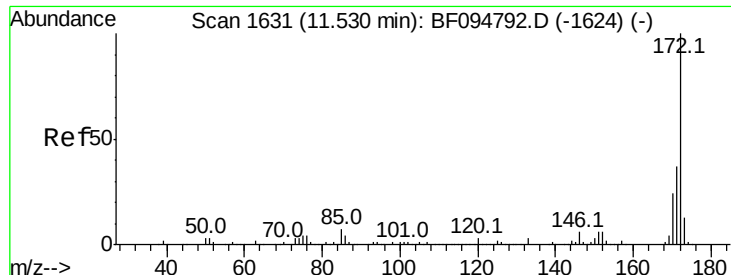


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



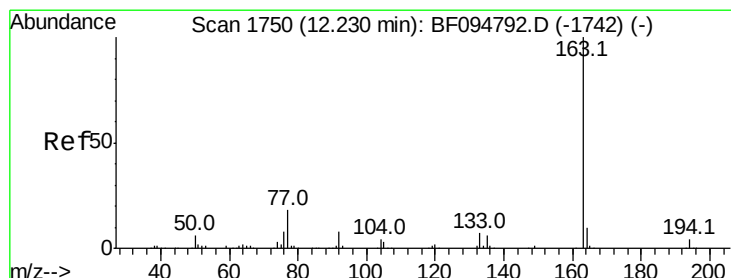
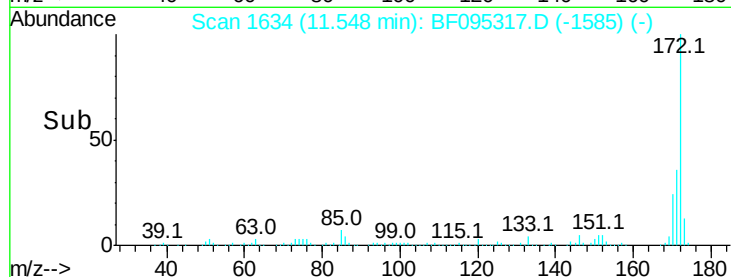
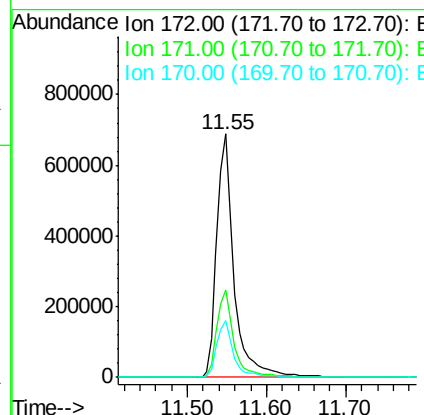
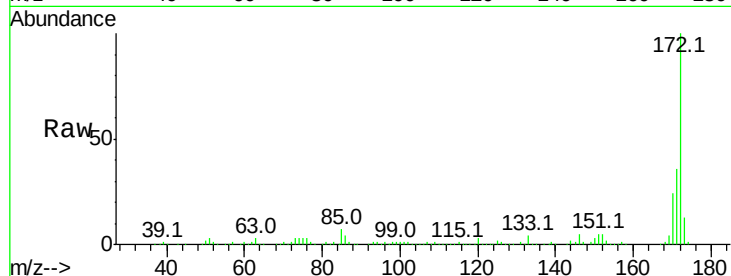


#44
 2-Fluorobiphenyl
 Concen: 94.09 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095317.D
 Acq: 22 May 2017 16:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1047023

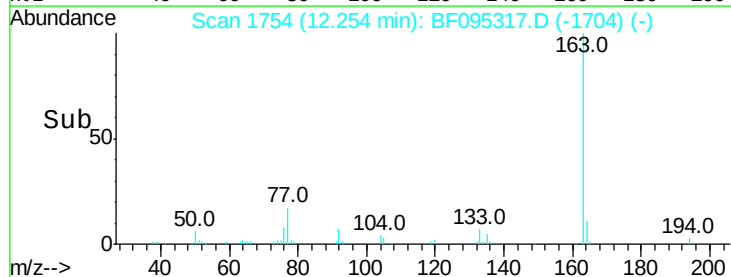
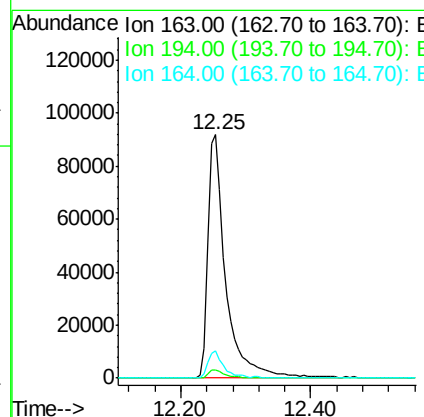
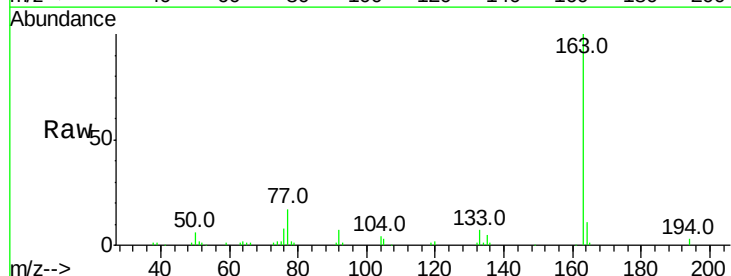
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.5	19.8	29.8

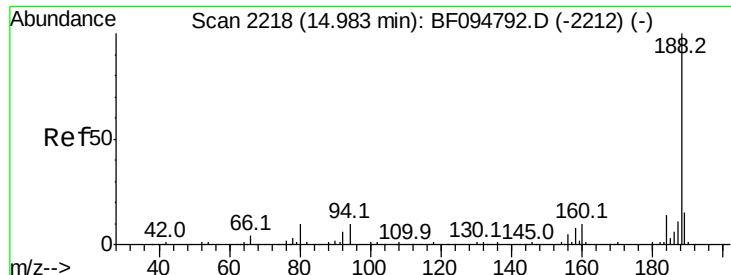


#49
 Dimethylphthalate
 Concen: 13.25 ng
 RT: 12.25 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF095317.D
 Acq: 22 May 2017 16:50

Tgt Ion:163 Resp: 174245

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	11.0	8.4	12.6

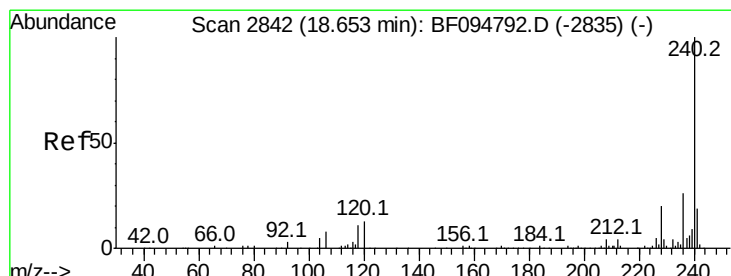
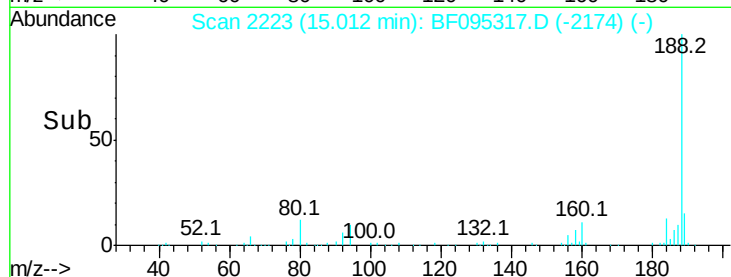
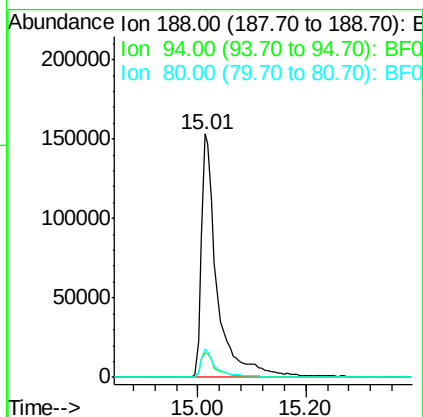
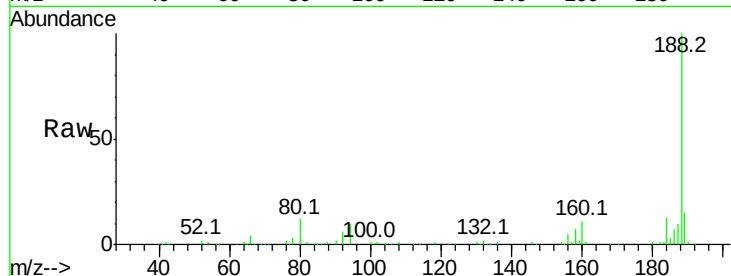




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095317.D
 Acq: 22 May 2017 16:50

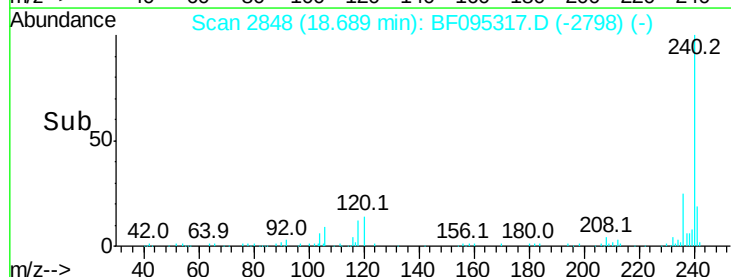
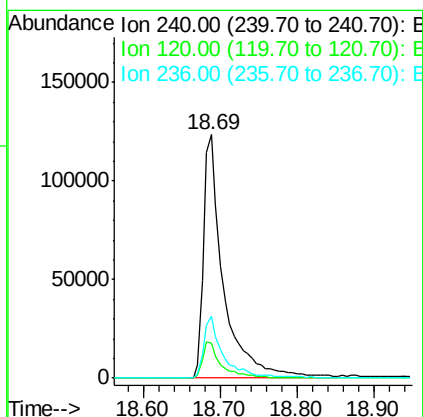
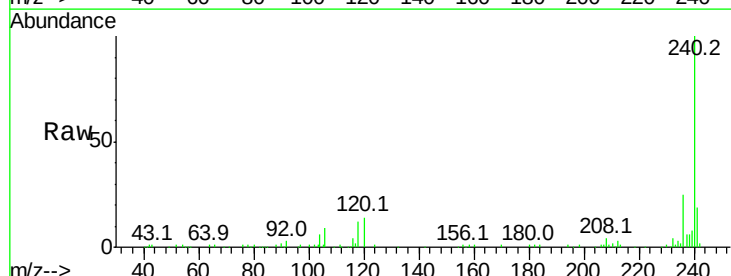
Instrument :
 BNA_F
 ClientSampleId :

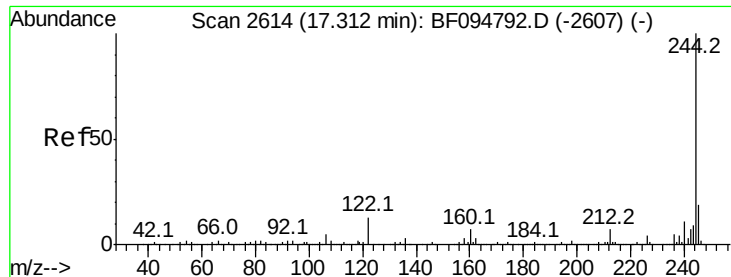
Tot Ion:188 Resp: 311040
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 11.6 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095317.D
 Acq: 22 May 2017 16:50

Tgt Ion:240 Resp: 224682
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.8 8.8#
 236 25.4 20.5 30.7

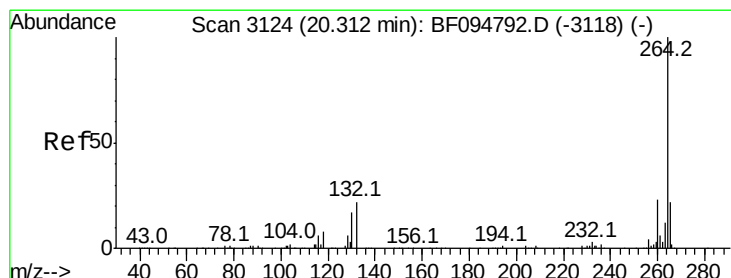
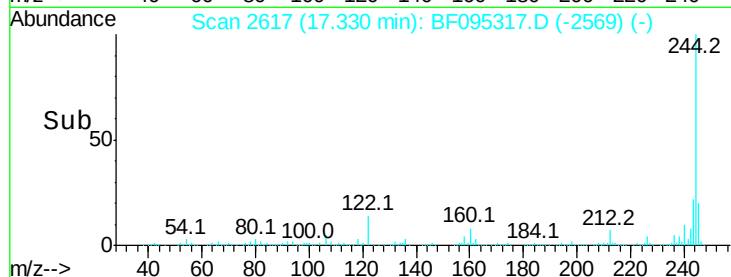
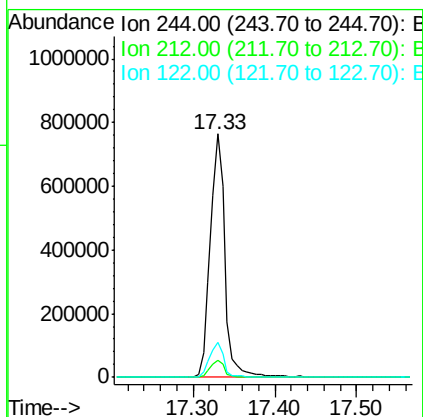
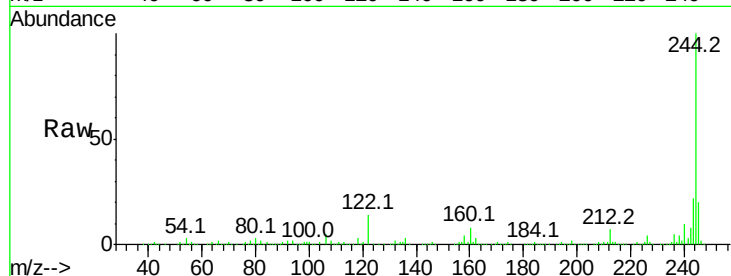




#78
 Terphenyl-d14
 Concen: 93.76 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095317.D
 Acq: 22 May 2017 16:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 956451
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095317.D
 Acq: 22 May 2017 16:50

Tgt Ion:264 Resp: 151641
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.1 17.2 25.8

