

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095311.D
 Acq On : 22 May 2017 13:38
 Operator : SJ/MA
 Sample : I3207-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 01:11:09 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

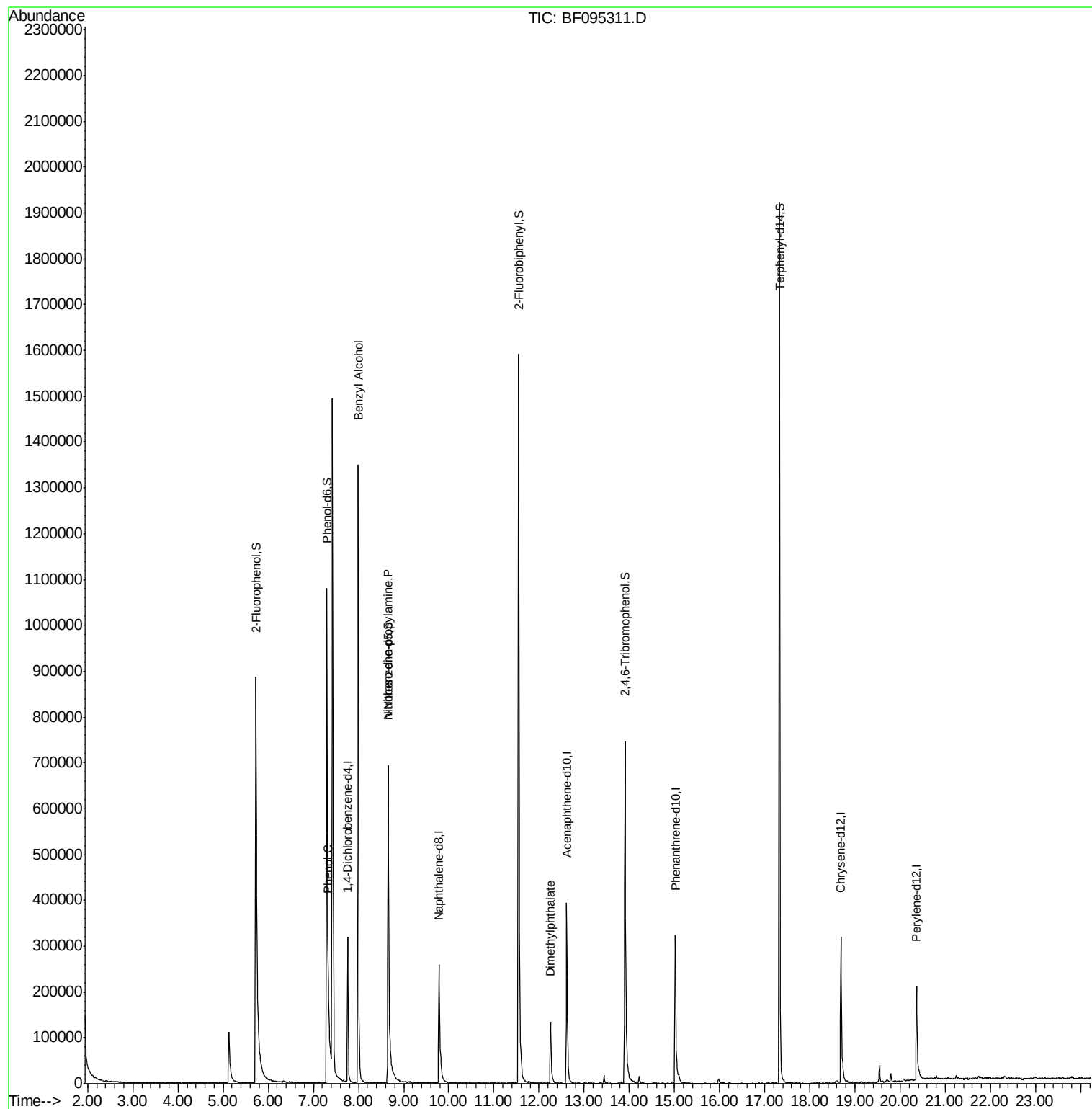
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	72807	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	304050	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	143326	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	242212	20.00	ng	0.00
75) Chrysene-d12	18.69	240	222197	20.00	ng	0.00
86) Perylene-d12	20.37	264	139863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	662687	151.75	ng	-0.01
7) Phenol-d6	7.30	99	821772	156.84	ng	-0.01
23) Nitrobenzene-d5	8.66	82	469632	97.40	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	172826	147.24	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	904395	90.82	ng	-0.01
78) Terphenyl-d14	17.33	244	775557	76.88	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	17131	3.10	ng	# 58
15) Benzyl Alcohol	8.00	79	7172	2.13	ng	# 32
19) n-Nitroso-di-n-propylamine	8.66	70	55625	15.70	ng	# 74
49) Dimethylphthalate	12.25	163	123212	10.47	ng	# 99

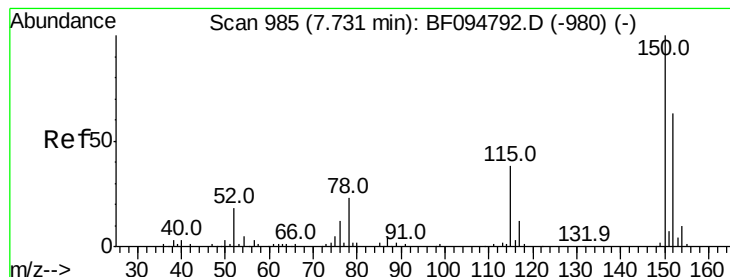
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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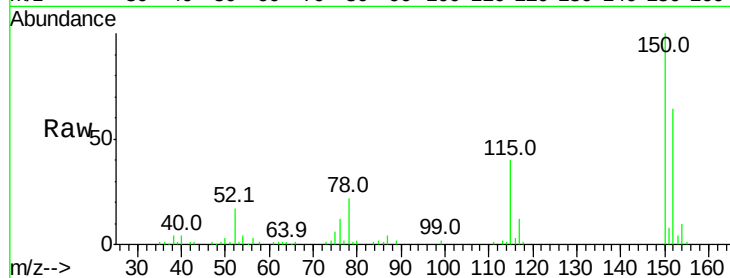


#1

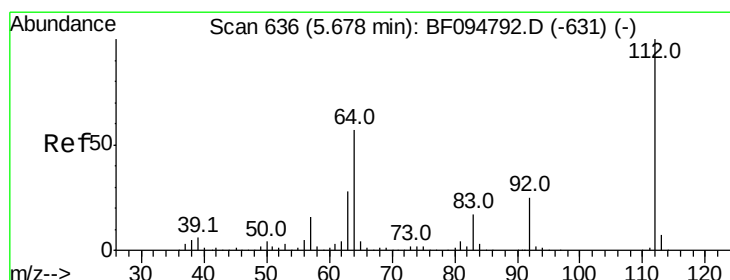
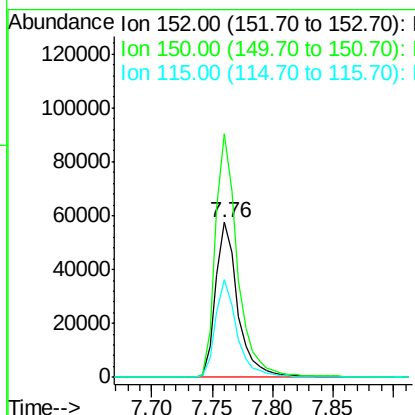
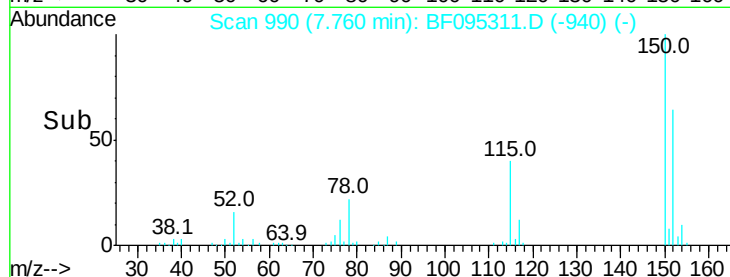
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095311.D
Acq: 22 May 2017 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 72807
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 62.6 52.2 78.2



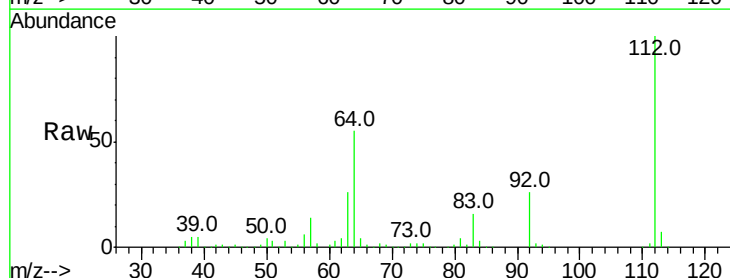
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



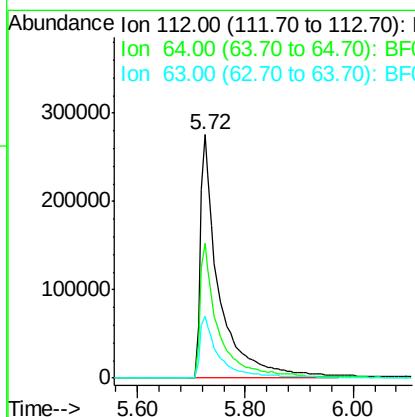
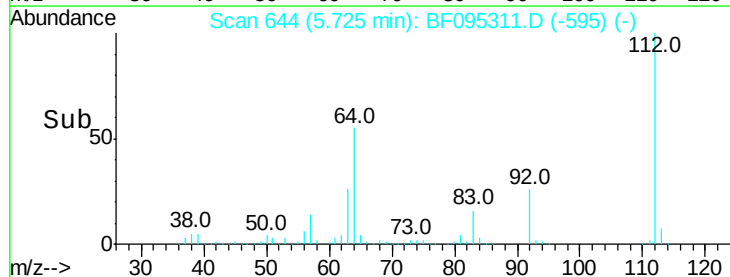
#5

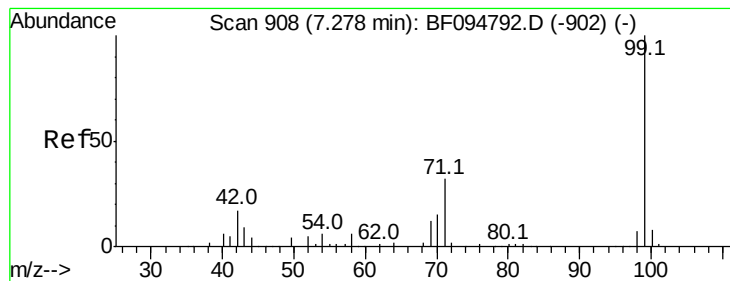
2-Fluorophenol
Concen: 151.75 ng
RT: 5.72 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF095311.D
Acq: 22 May 2017 13:38

Tgt Ion:112 Resp: 662687
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 25.6 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: 156.84 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095311.D

Acq: 22 May 2017 13:38

Instrument :

BNA_F

ClientSampled :

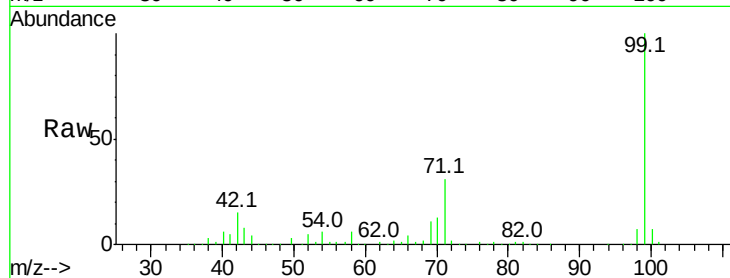
Tot Ion: 99 Resp: 821772

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

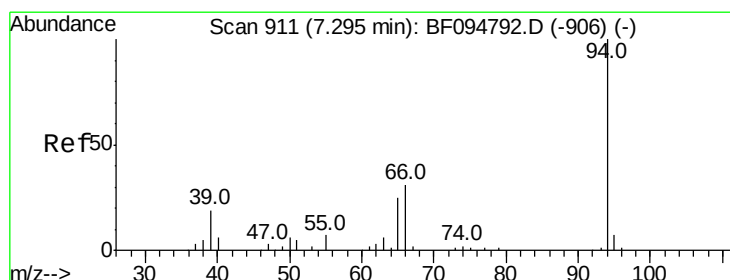
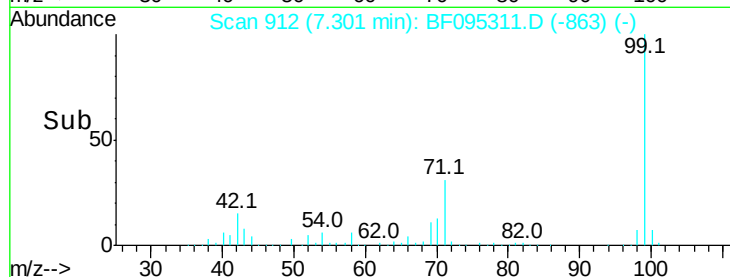
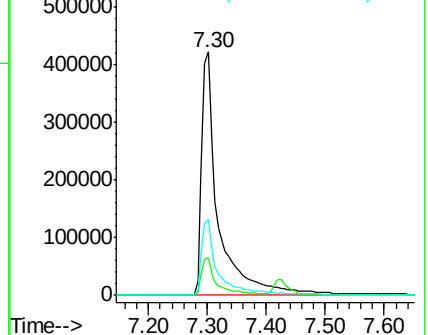
71 31.3 24.5 36.7



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: 3.10 ng

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF095311.D

Acq: 22 May 2017 13:38

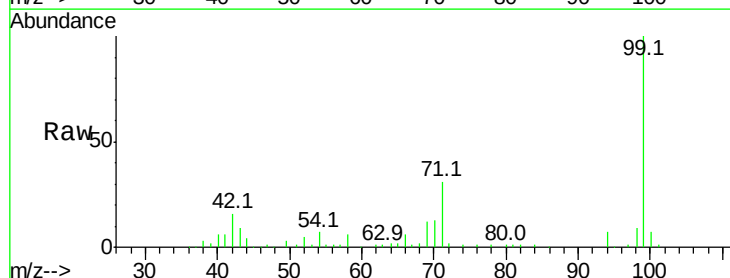
Tgt Ion: 94 Resp: 17131

Ion Ratio Lower Upper

94 100

65 30.8 9.9 49.9

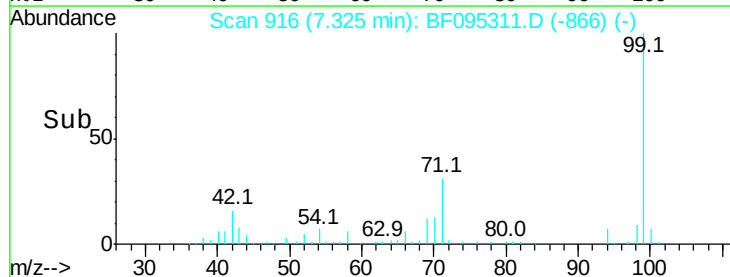
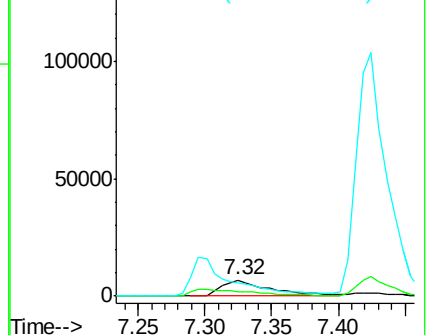
66 87.6 23.1 63.1#

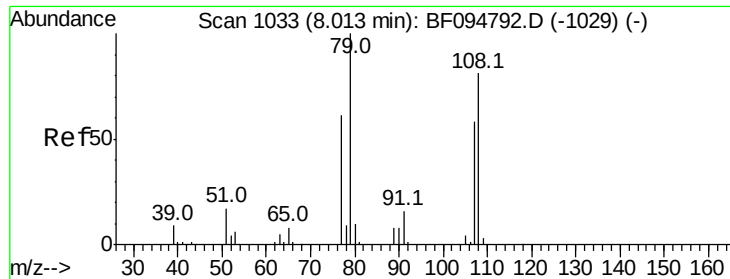


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

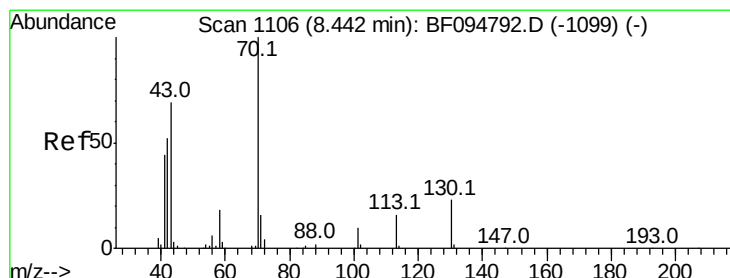
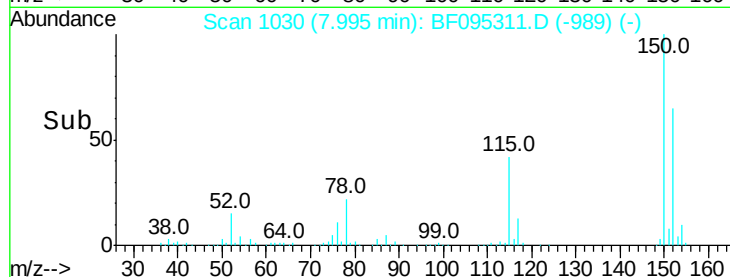
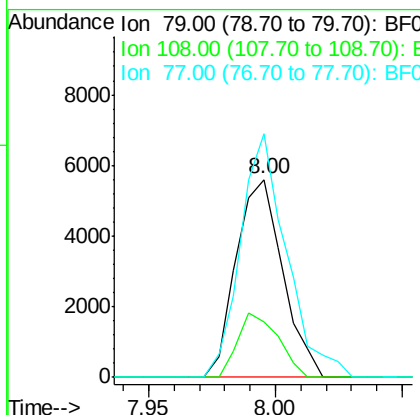
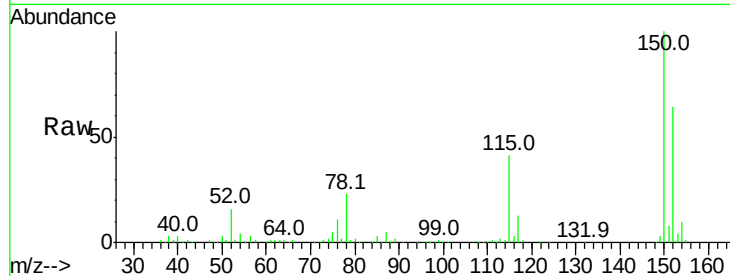




#15
Benzyl Alcohol
Concen: 2.13 ng
RT: 8.00 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF095311.D
Acq: 22 May 2017 13:38

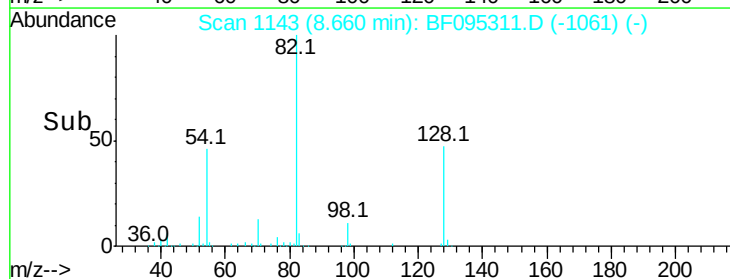
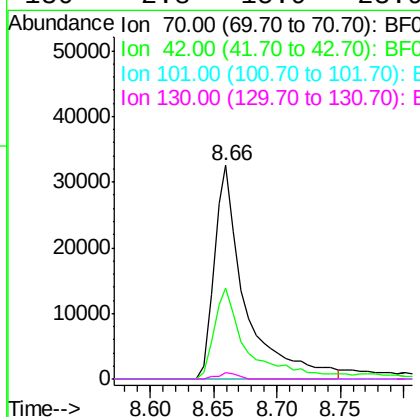
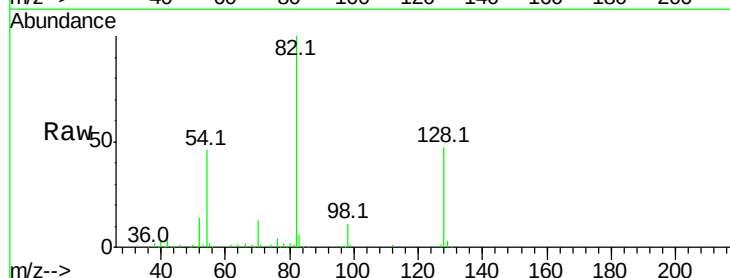
Instrument :
BNA_F
ClientSampleId :

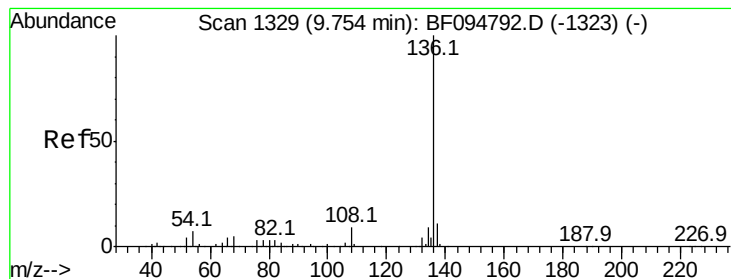
Tot Ion: 79 Resp: 7172
Ion Ratio Lower Upper
79 100
108 27.9 63.4 95.0#
77 123.2 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 15.70 ng
RT: 8.66 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF095311.D
Acq: 22 May 2017 13:38

Tgt Ion: 70 Resp: 55625
Ion Ratio Lower Upper
70 100
42 42.7 47.2 70.8#
101 0.0 7.2 10.8#
130 2.8 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095311.D

Acq: 22 May 2017 13:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 304050

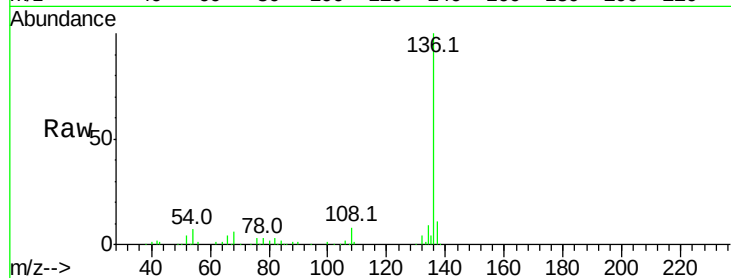
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 4.9 7.3

68 5.6 4.1 6.1

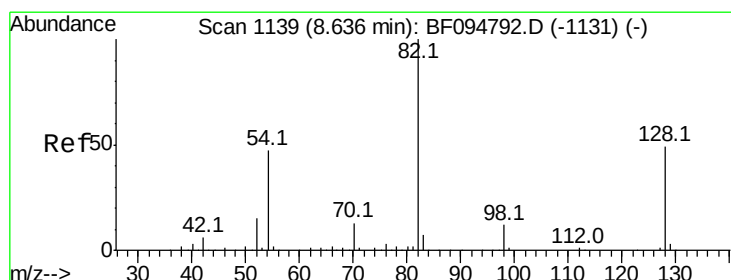
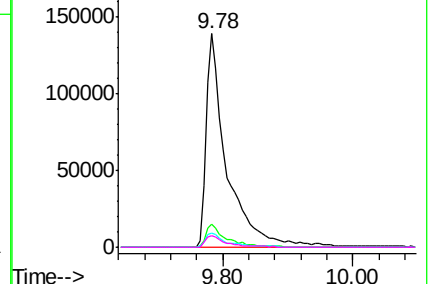
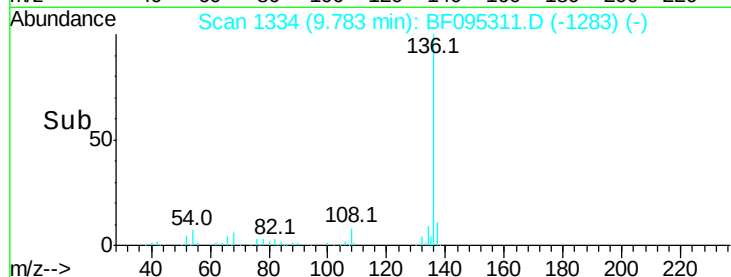


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.40 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095311.D

Acq: 22 May 2017 13:38

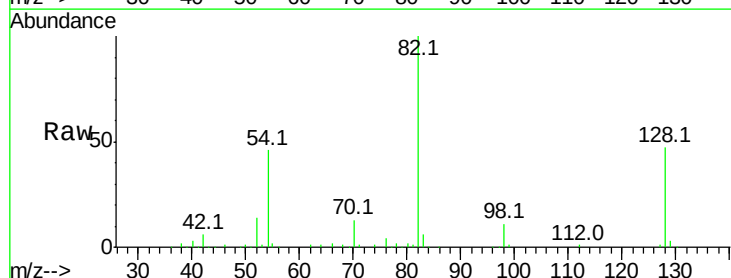
Tgt Ion: 82 Resp: 469632

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

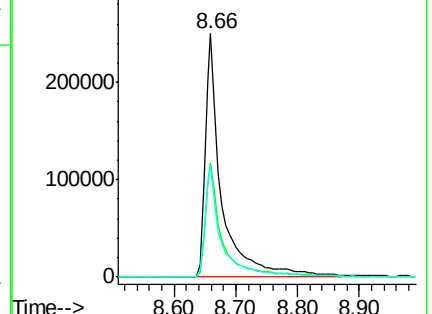
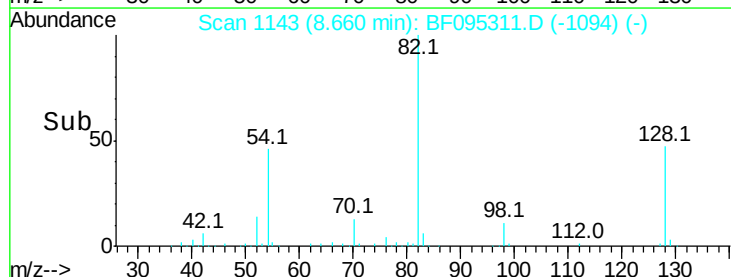
54 46.1 42.2 63.2

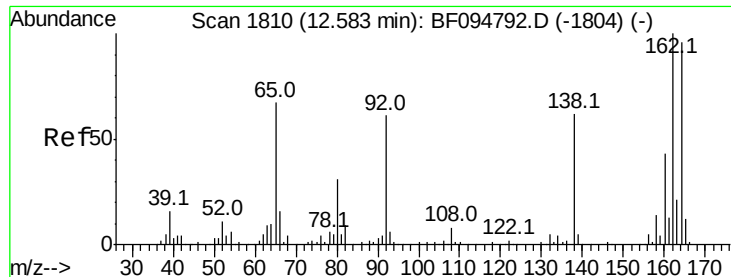


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095311.D

Acq: 22 May 2017 13:38

Instrument :

BNA_F

ClientSampleId :

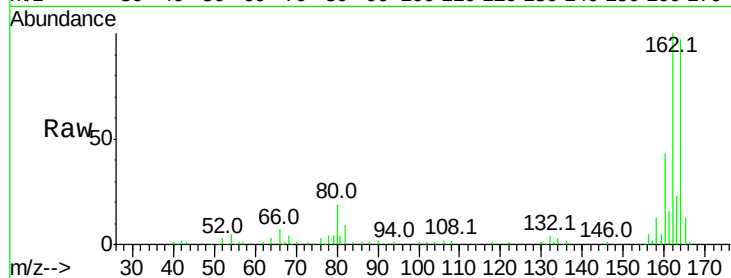
Tot Ion:164 Resp: 143326

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

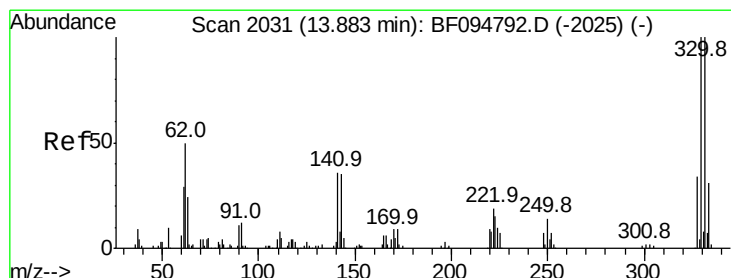
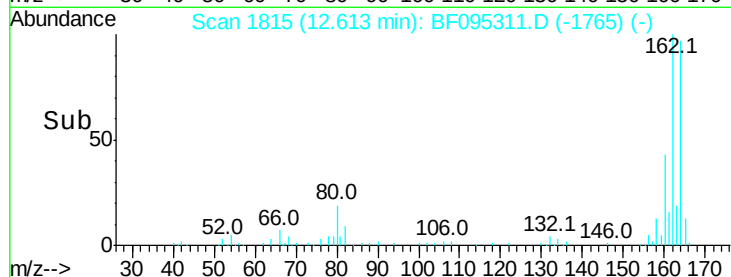
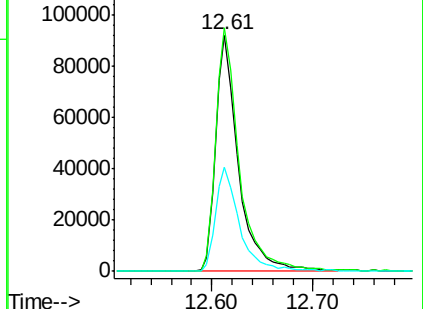
160 44.1 36.2 54.2



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: 147.24 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095311.D

Acq: 22 May 2017 13:38

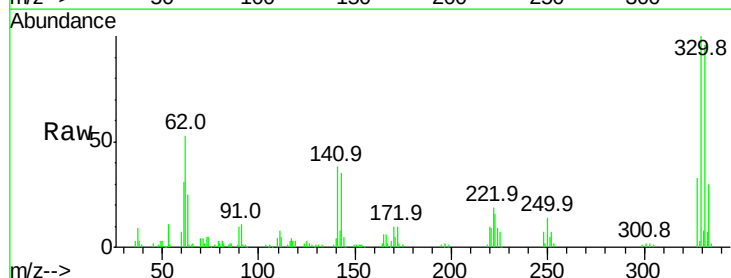
Tgt Ion:330 Resp: 172826

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

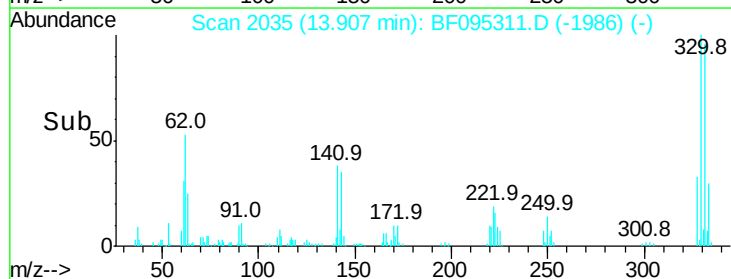
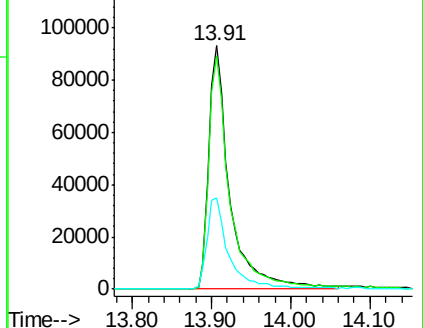
141 39.4 31.4 47.2

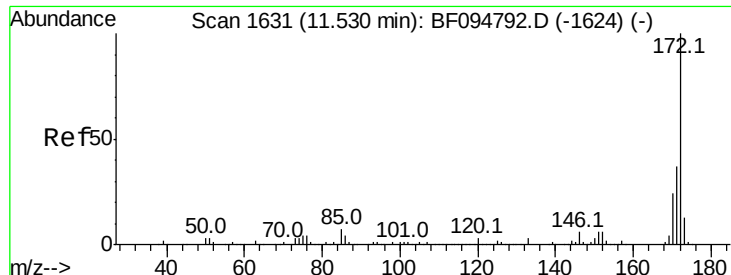


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

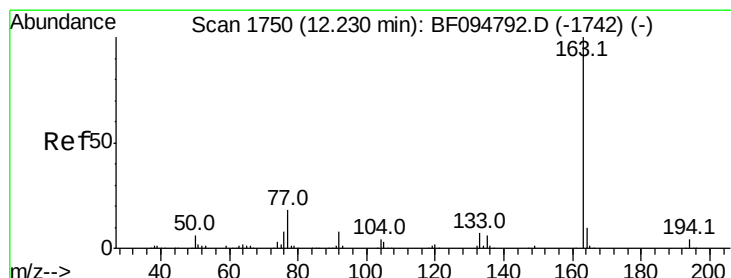
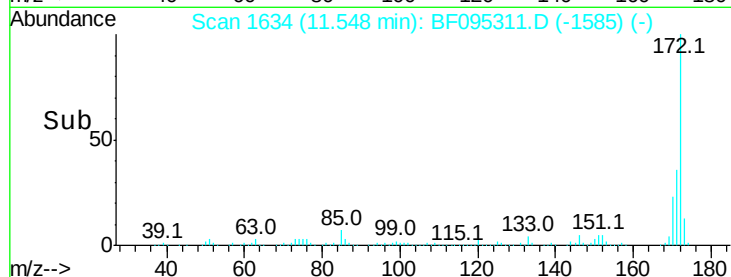
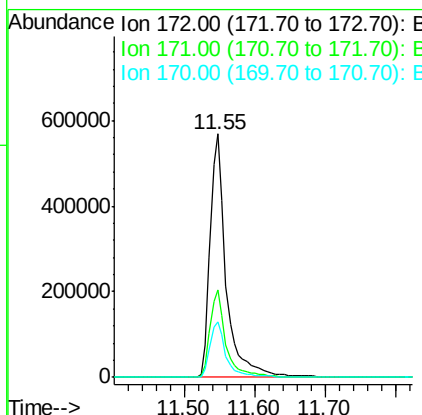
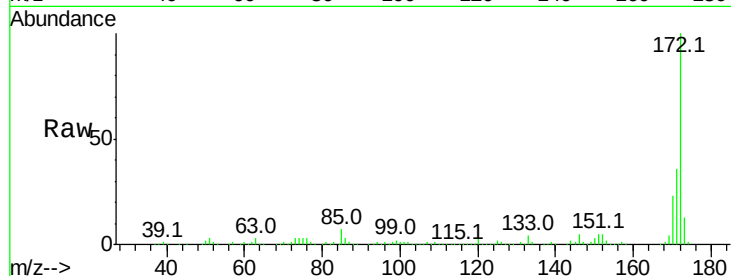




#44
2-Fluorobiphenyl
Concen: 90.82 ng
RT: 11.55 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BF095311.D
Acq: 22 May 2017 13:38

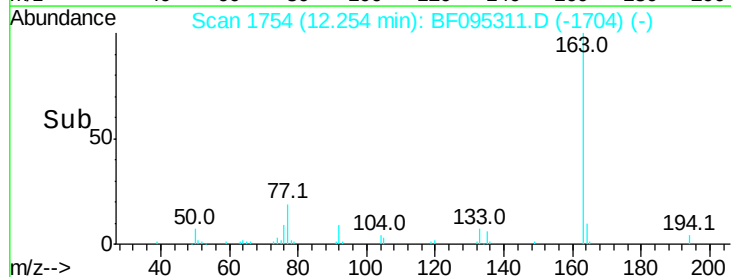
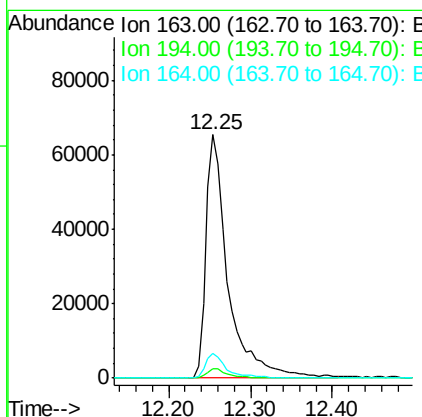
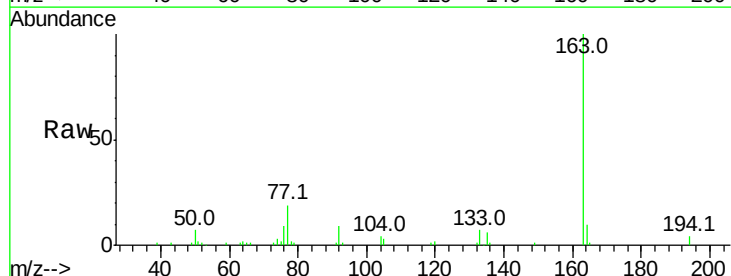
Instrument :
BNA_F
ClientSampleId :

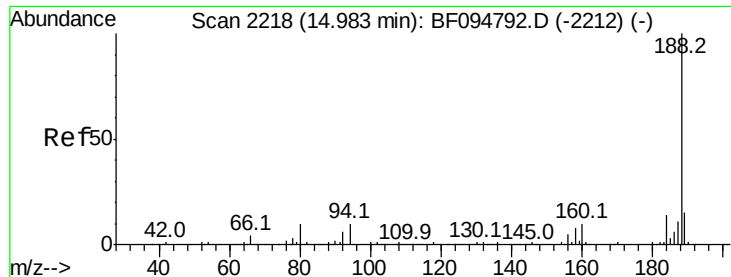
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	22.9	19.8	29.8



#49
Dimethylphthalate
Concen: 10.47 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095311.D
Acq: 22 May 2017 13:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0#
164	10.1	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF095311.D

Acq: 22 May 2017 13:38

Instrument :

BNA_F

ClientSampleId :

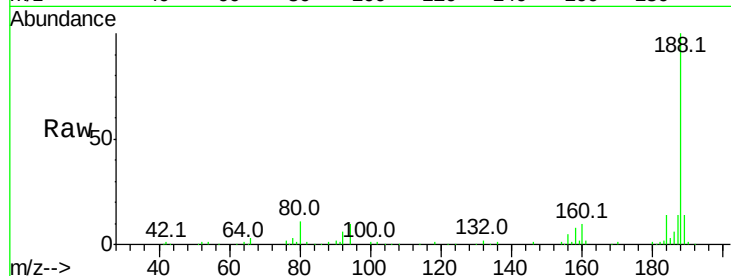
Tot Ion:188 Resp: 242212

Ion Ratio Lower Upper

188 100

94 9.7 9.4 14.2

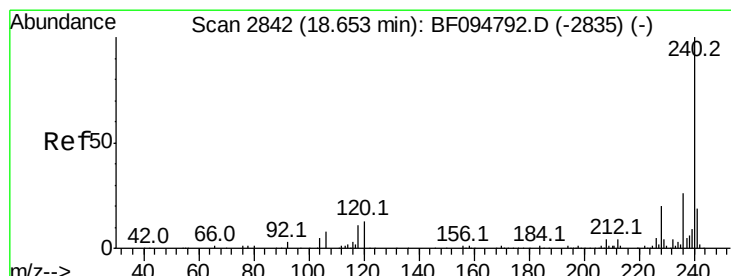
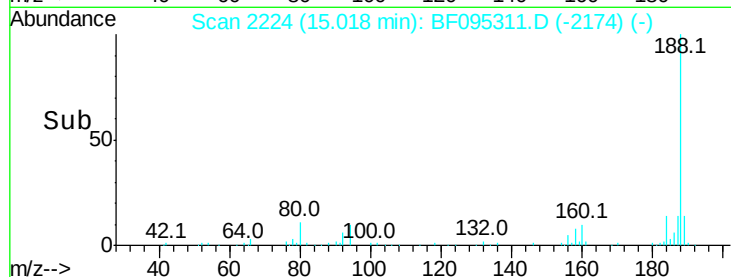
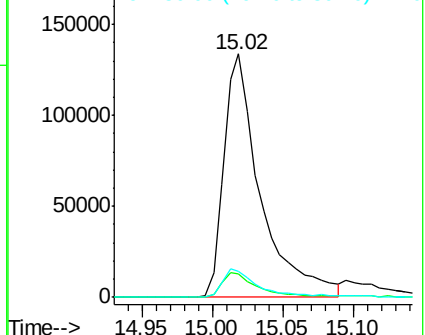
80 10.6 10.2 15.2



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: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095311.D

Acq: 22 May 2017 13:38

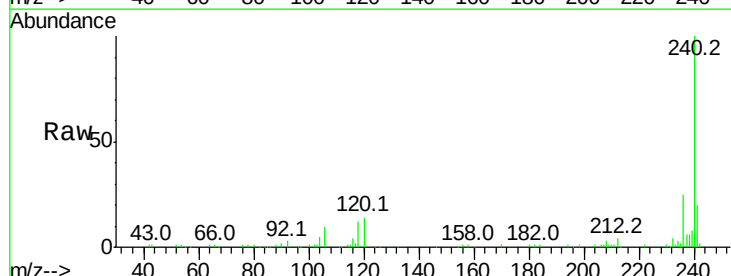
Tgt Ion:240 Resp: 222197

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

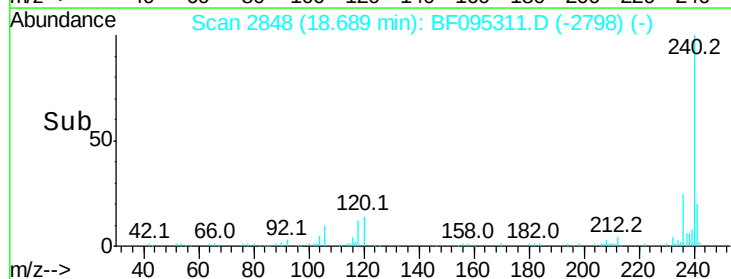
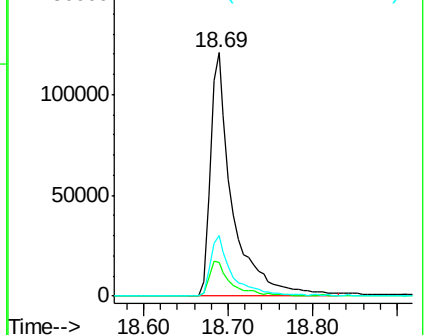
236 24.8 20.5 30.7

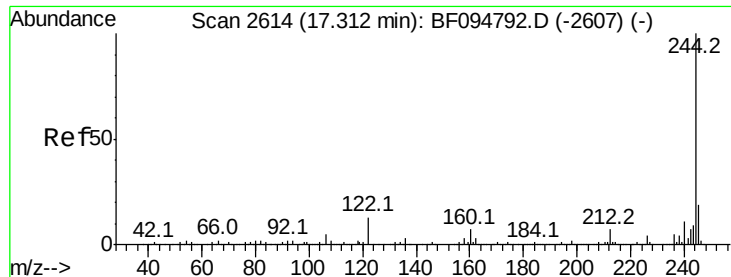


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.88 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095311.D

Acq: 22 May 2017 13:38

Instrument :

BNA_F

ClientSampleId :

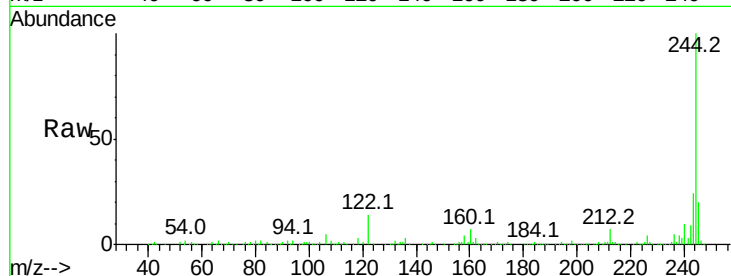
Tot Ion:244 Resp: 775557

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

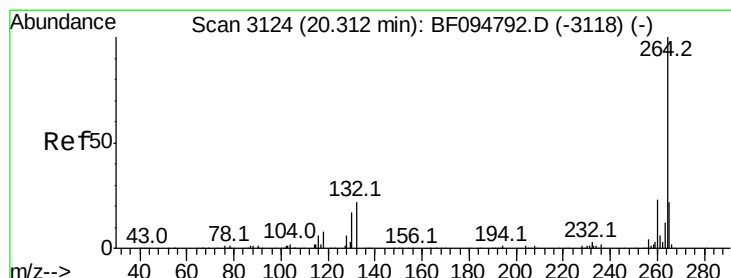
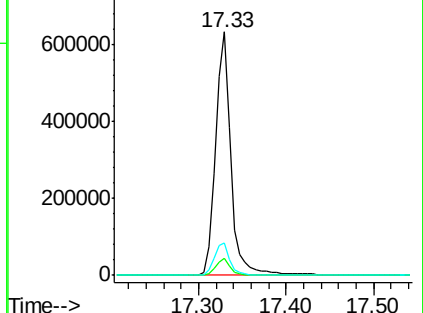
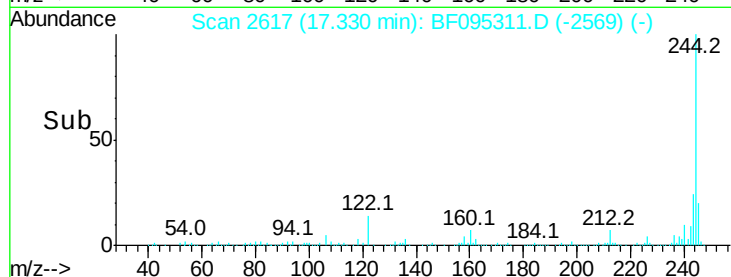
122 13.6 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.37 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BF095311.D

Acq: 22 May 2017 13:38

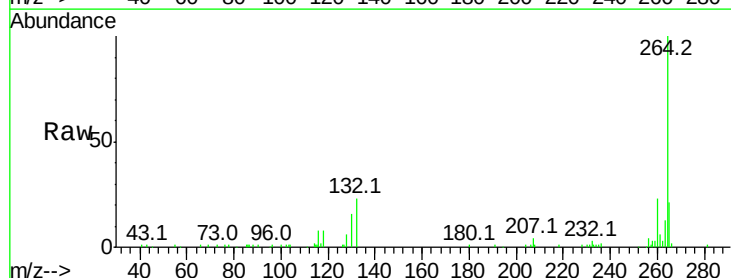
Tgt Ion:264 Resp: 139863

Ion Ratio Lower Upper

264 100

260 22.6 19.5 29.3

265 21.2 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

