

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095213.D
 Acq On : 18 May 2017 8:07
 Operator : SJ/MA
 Sample : I3192-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 08:38:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

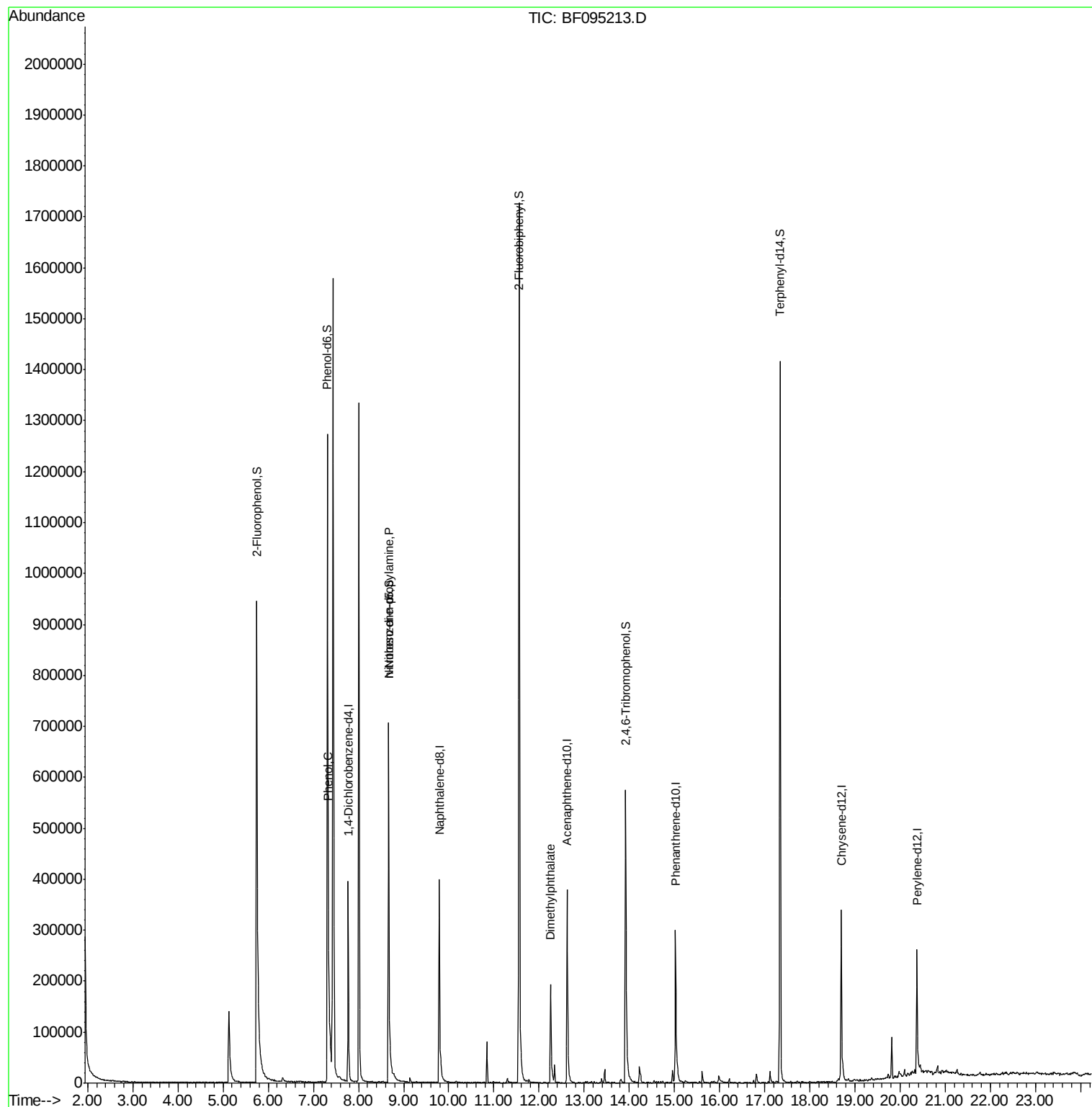
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	86669	20.00	ng	0.04
21) Naphthalene-d8	9.79	136	329493	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	134701	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	204426	20.00	ng	0.04
75) Chrysene-d12	18.69	240	178955	20.00	ng	0.04
86) Perylene-d12	20.37	264	130656	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	664570	127.84	ng	0.06
7) Phenol-d6	7.31	99	806015	129.22	ng	0.04
23) Nitrobenzene-d5	8.67	82	422355	80.83	ng	0.03
41) 2,4,6-Tribromophenol	13.92	330	115862	105.03	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	845183	90.31	ng	0.03
78) Terphenyl-d14	17.34	244	563542	69.36	ng	0.03
Target Compounds						
10) Phenol	7.33	94	44677	6.80	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	8.67	70	50958	12.08	ng	# 79
49) Dimethylphthalate	12.25	163	164747	14.90	ng	97

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

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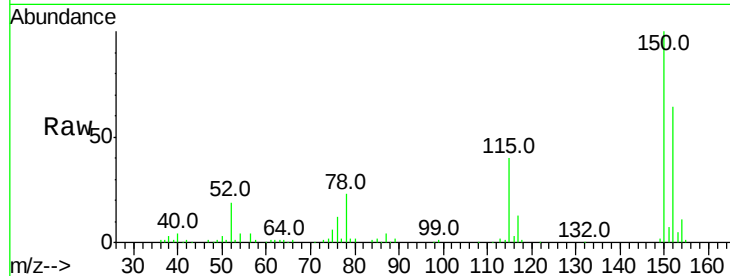


#1

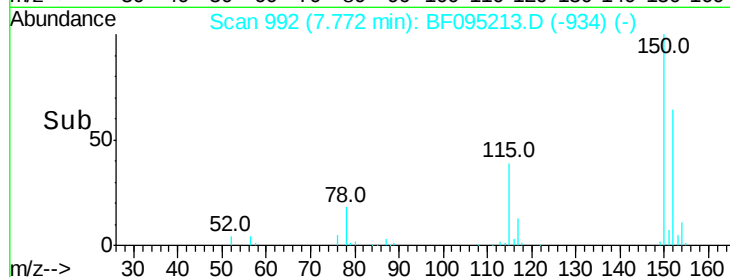
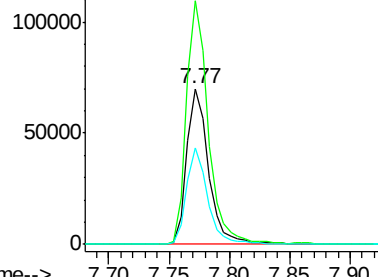
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.04 min
Lab File: BF095213.D
Acq: 18 May 2017 8:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 86669
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 62.2 52.2 78.2



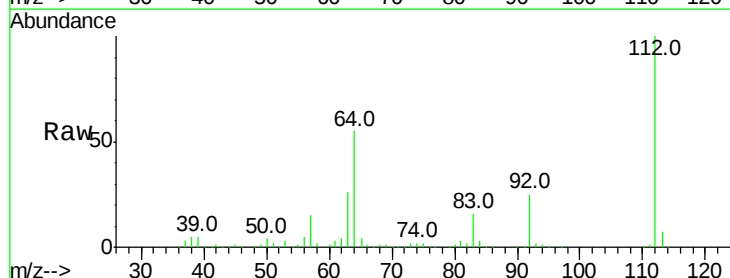
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



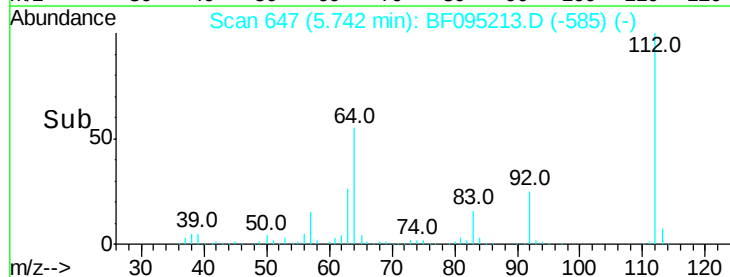
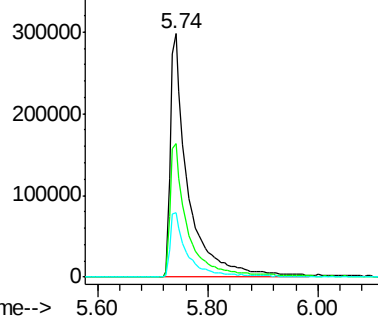
#5

2-Fluorophenol
Concen: 127.84 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.06 min
Lab File: BF095213.D
Acq: 18 May 2017 8:07

Tgt Ion:112 Resp: 664570
Ion Ratio Lower Upper
112 100
64 54.7 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: 129.22 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.04 min

Lab File: BF095213.D

Acq: 18 May 2017 8:07

Instrument :

BNA_F

ClientSampleId :

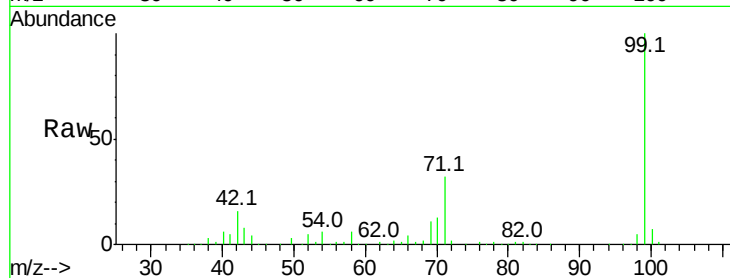
Tot Ion: 99 Resp: 806015

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

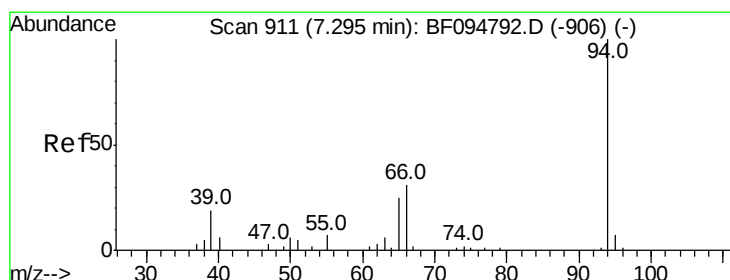
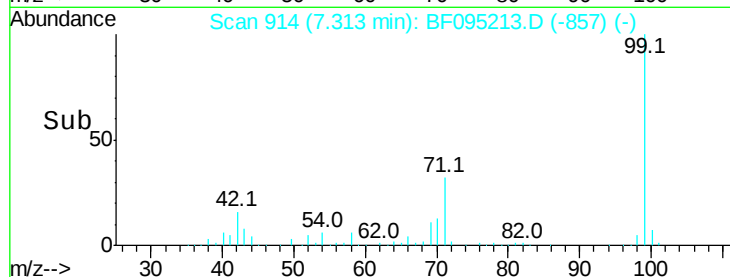
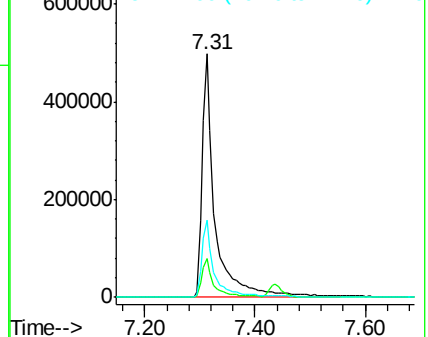
71 31.9 24.5 36.7



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: 6.80 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.04 min

Lab File: BF095213.D

Acq: 18 May 2017 8:07

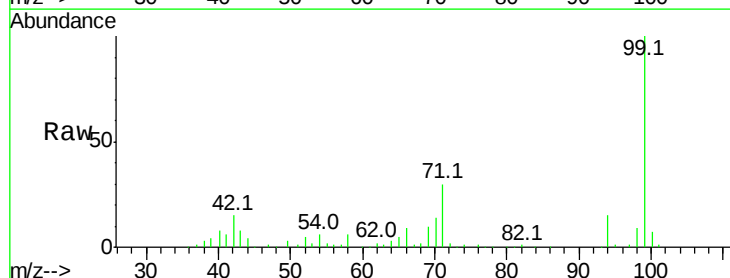
Tgt Ion: 94 Resp: 44677

Ion Ratio Lower Upper

94 100

65 30.7 9.9 49.9

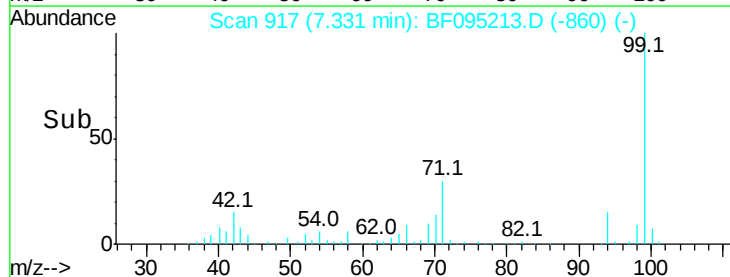
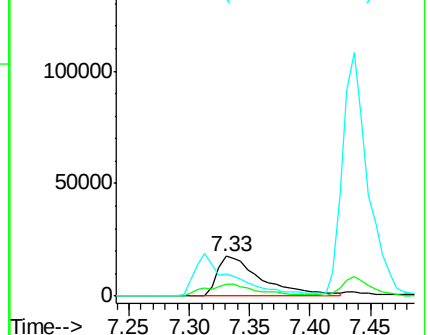
66 55.8 23.1 63.1

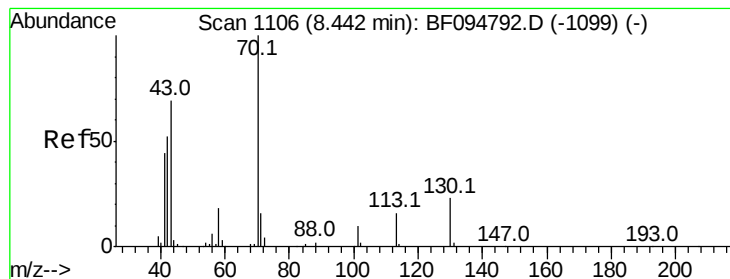


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 12.08 ng

RT: 8.67 min Scan# 1144

Delta R.T. 0.22 min

Lab File: BF095213.D

Acq: 18 May 2017 8:07

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 50958

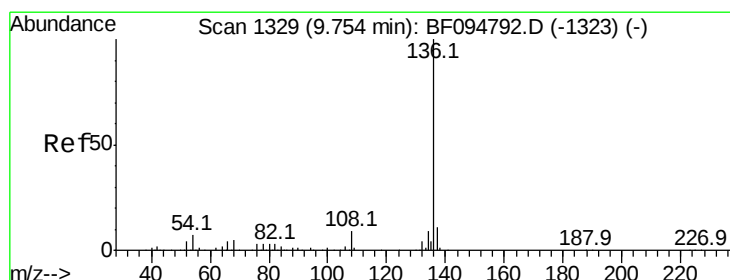
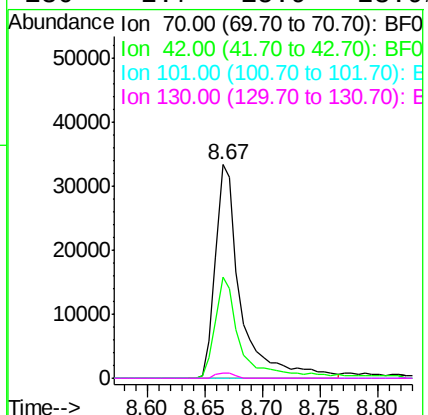
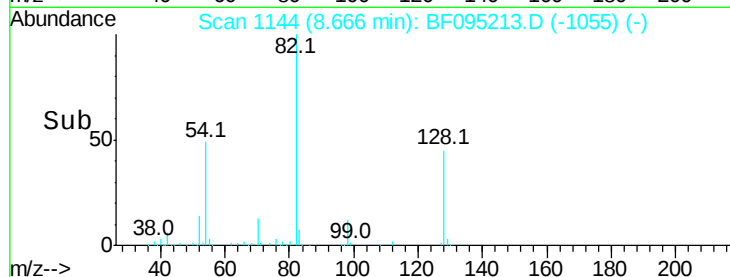
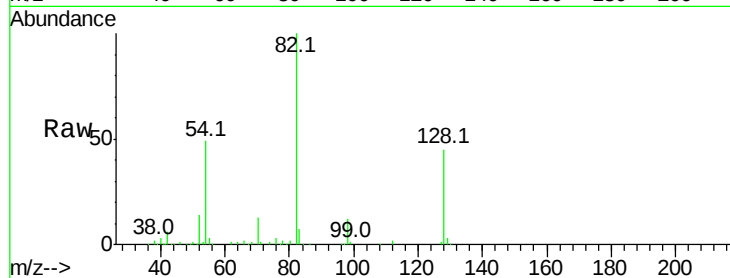
Ion Ratio Lower Upper

70 100

42 47.5 47.2 70.8

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095213.D

Acq: 18 May 2017 8:07

Tgt Ion: 136 Resp: 329493

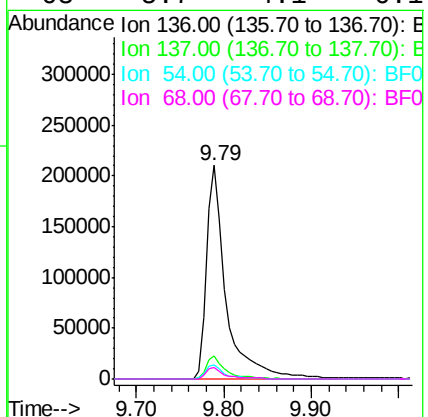
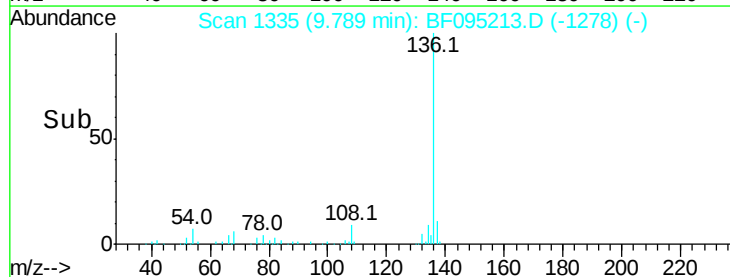
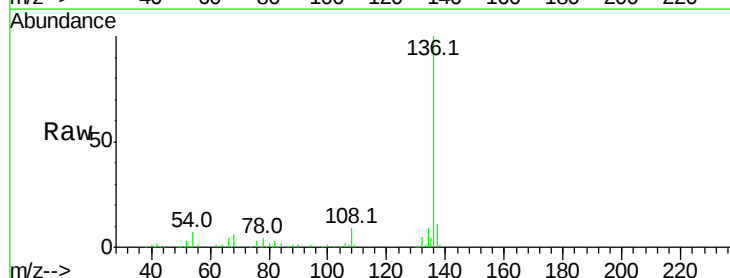
Ion Ratio Lower Upper

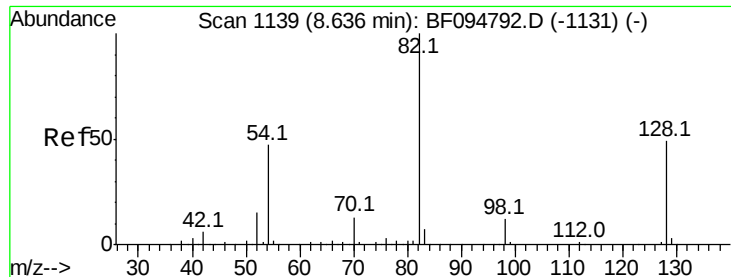
136 100

137 10.8 8.5 12.7

54 6.9 4.9 7.3

68 5.7 4.1 6.1

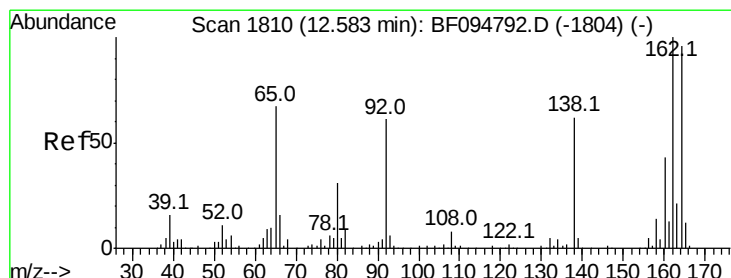
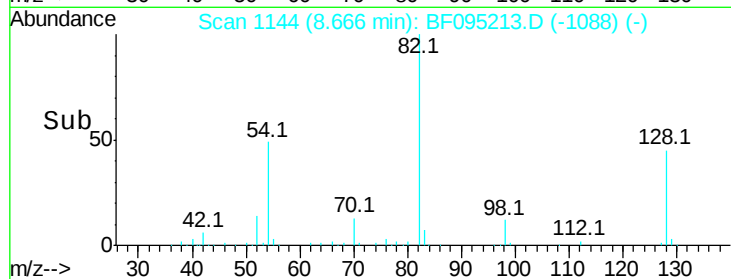
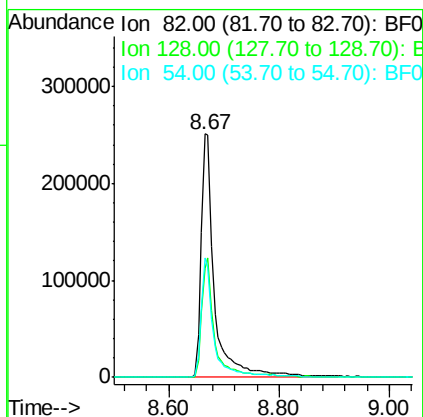
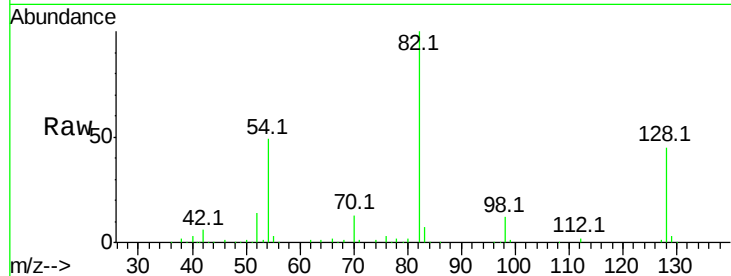




#23
 Nitrobenzene-d5
 Concen: 80.83 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. 0.03 min
 Lab File: BF095213.D
 Acq: 18 May 2017 8:07

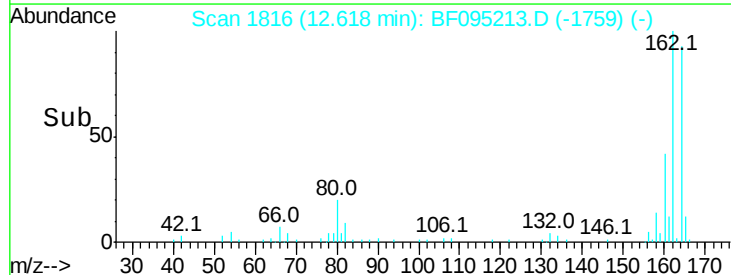
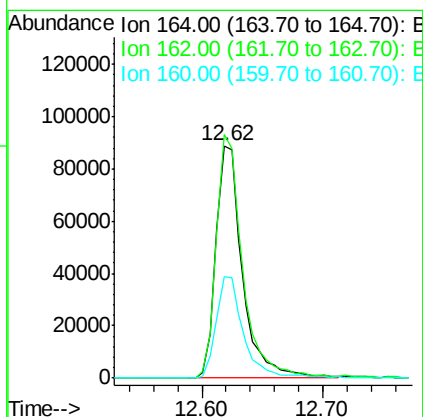
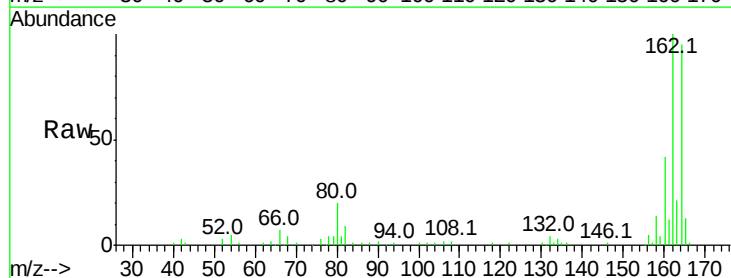
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 422355
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.0 51.0
 54 49.1 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.04 min
 Lab File: BF095213.D
 Acq: 18 May 2017 8:07

Tgt Ion:164 Resp: 134701
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.6 123.8
 160 43.6 36.2 54.2

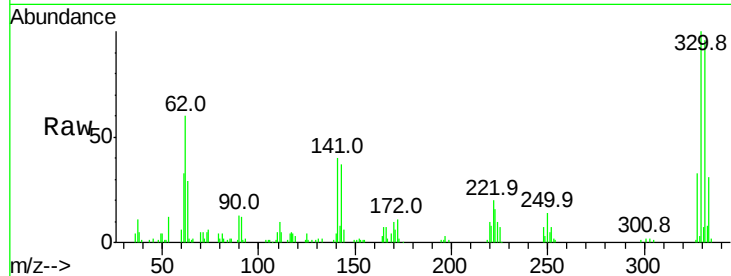




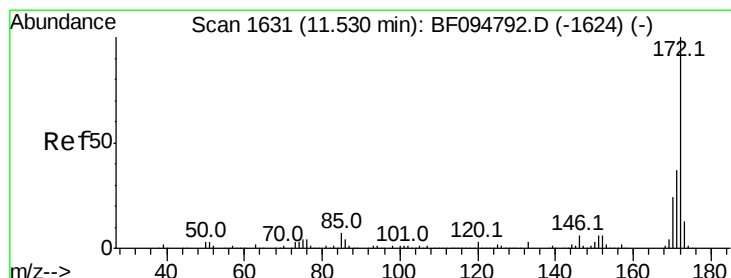
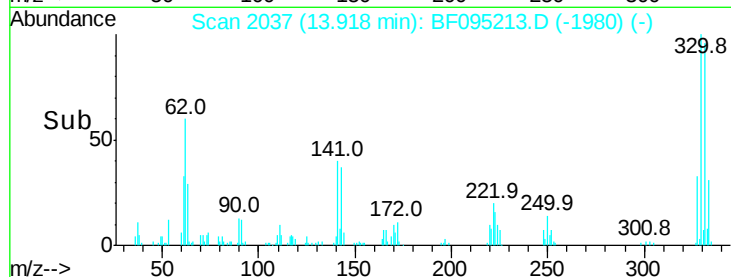
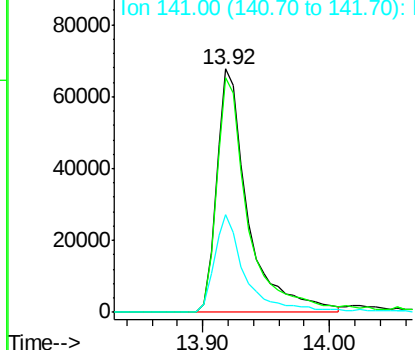
#41
 2,4,6-Tribromophenol
 Concen: 105.03 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.04 min
 Lab File: BF095213.D
 Acq: 18 May 2017 8:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.6	115.0
141	39.9	31.4	47.2

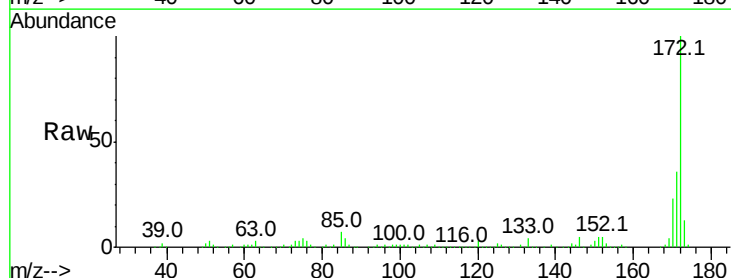


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

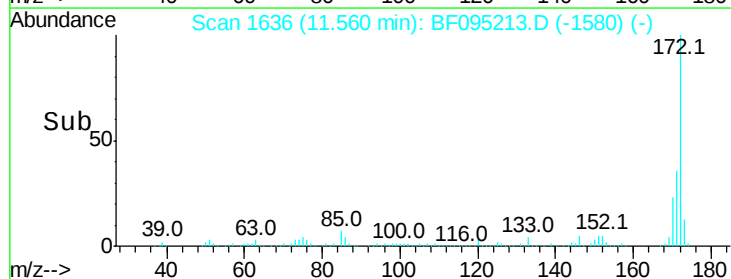
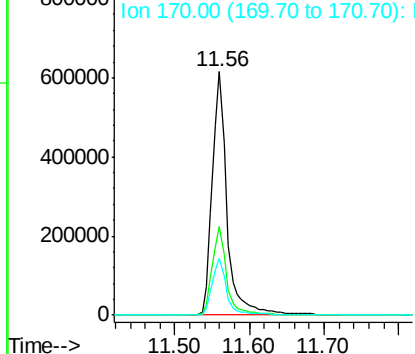


#44
 2-Fluorobiphenyl
 Concen: 90.31 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.03 min
 Lab File: BF095213.D
 Acq: 18 May 2017 8:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.1	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: 14.90 ng

RT: 12.25 min Scan# 1754

Delta R.T. 0.02 min

Lab File: BF095213.D

Acq: 18 May 2017 8:07

Instrument :

BNA_F

ClientSampleId :

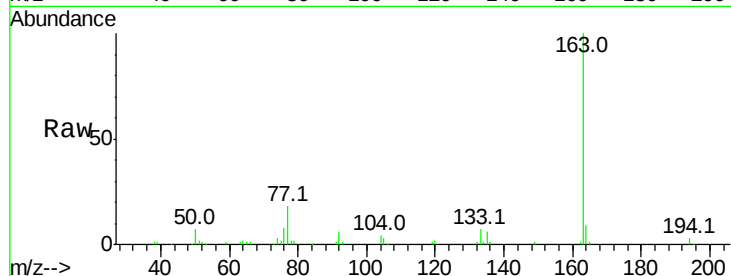
Tot Ion:163 Resp: 164747

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

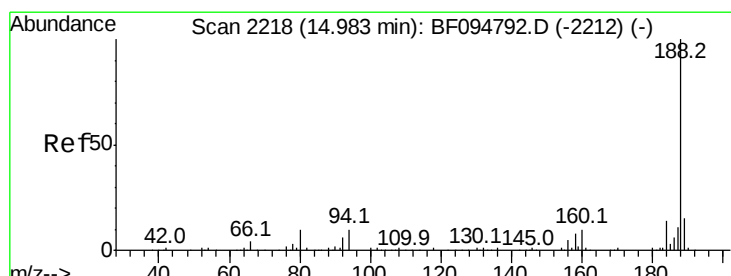
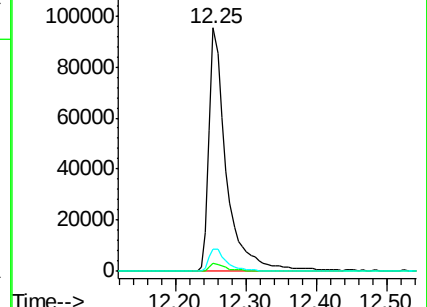
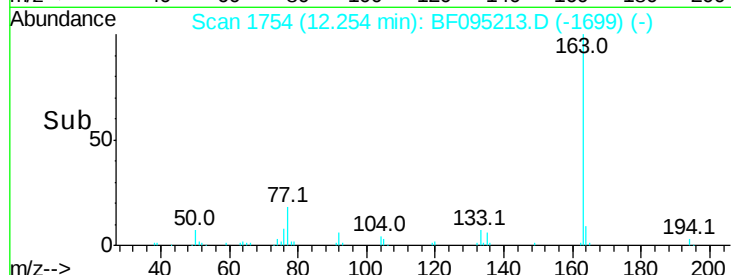
164 9.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 2225

Delta R.T. 0.04 min

Lab File: BF095213.D

Acq: 18 May 2017 8:07

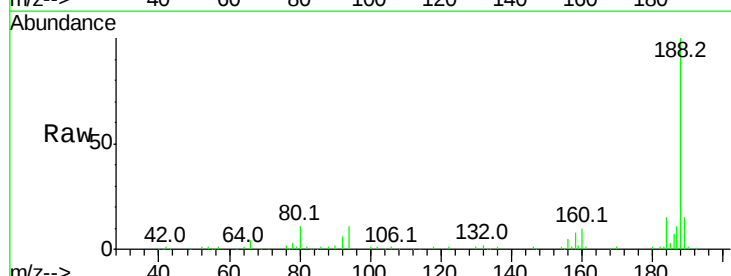
Tgt Ion:188 Resp: 204426

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

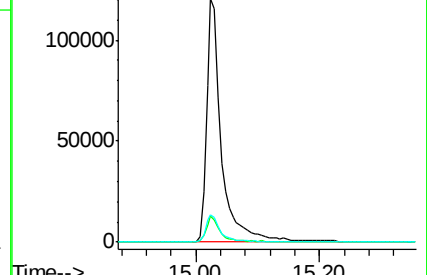
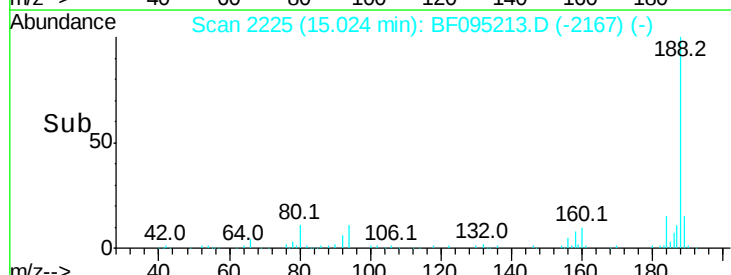
80 11.4 10.2 15.2



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# 2849

Delta R.T. 0.04 min

Lab File: BF095213.D

Acq: 18 May 2017 8:07

Instrument :

BNA_F

ClientSampleId :

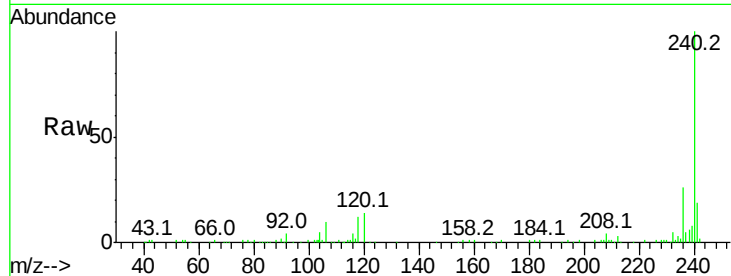
Tot Ion:240 Resp: 178955

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

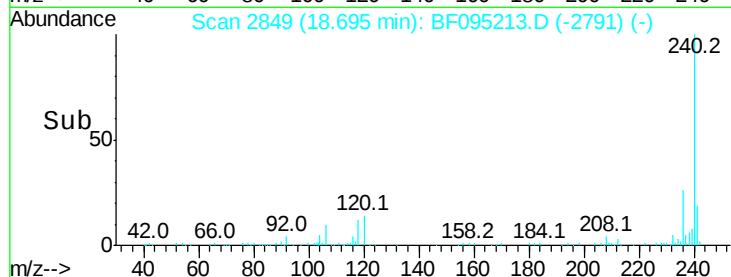
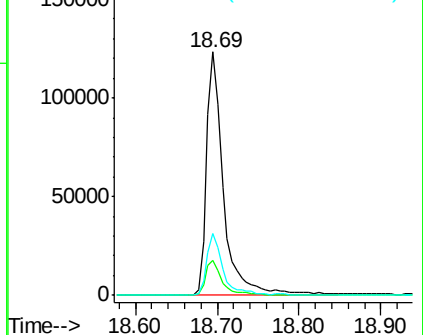
236 25.7 20.5 30.7



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: 69.36 ng

RT: 17.34 min Scan# 2619

Delta R.T. 0.03 min

Lab File: BF095213.D

Acq: 18 May 2017 8:07

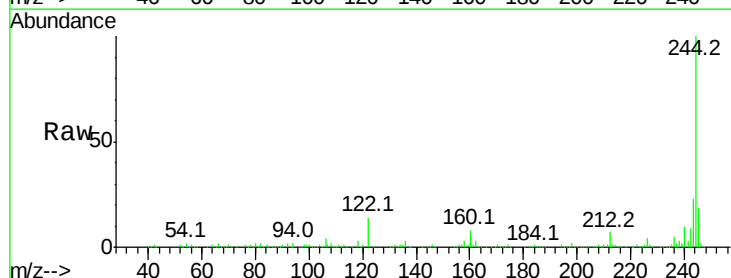
Tgt Ion:244 Resp: 563542

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

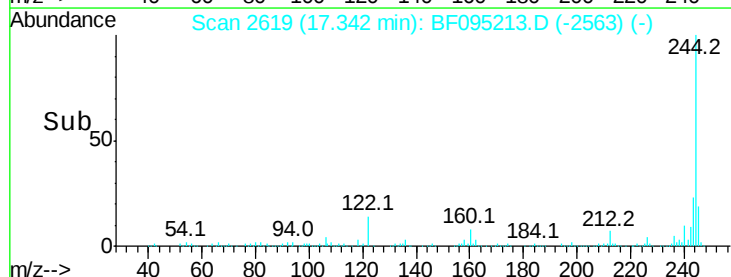
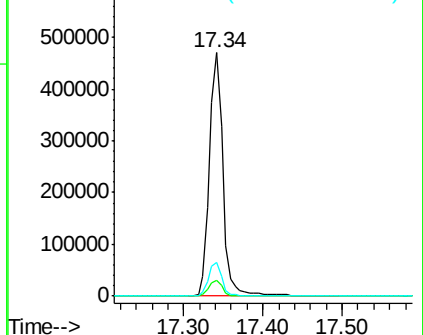
122 13.8 10.3 15.5



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

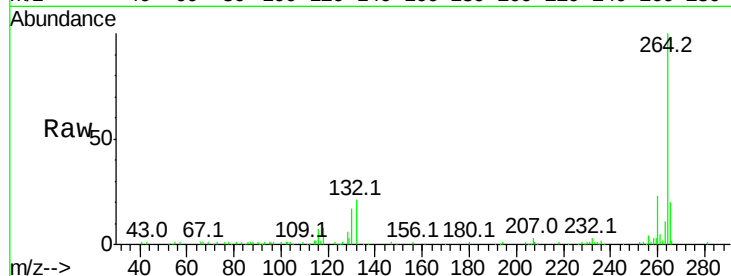




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.06 min
 Lab File: BF095213.D
 Acq: 18 May 2017 8:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	20.1	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

