

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095298.D
 Acq On : 20 May 2017 11:30
 Operator : SJ/MA
 Sample : I3199-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 22 01:56:24 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

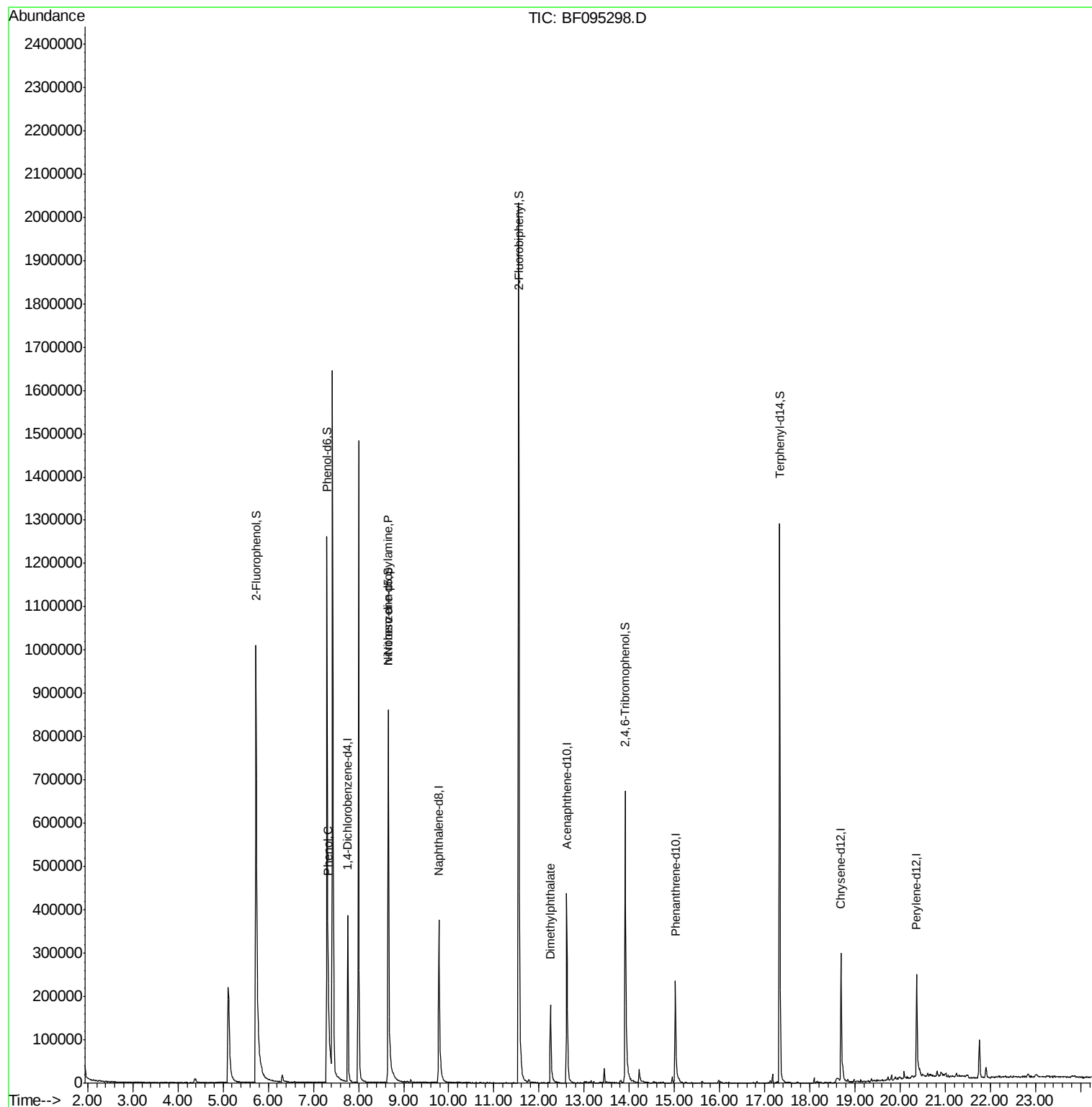
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	90128	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	369101	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	152968	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	185016	20.00	ng	0.00
75) Chrysene-d12	18.69	240	168999	20.00	ng	0.00
86) Perylene-d12	20.37	264	139999	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	709847	131.31	ng	-0.01
7) Phenol-d6	7.30	99	875452	134.97	ng	-0.01
23) Nitrobenzene-d5	8.66	82	516164	88.18	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	147810	117.99	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1108418	104.30	ng	0.00
78) Terphenyl-d14	17.33	244	569543	74.23	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	13874	2.03	ng	# 43
19) n-Nitroso-di-n-propylamine	8.66	70	60942	13.89	ng	# 73
49) Dimethylphthalate	12.25	163	162801	12.96	ng	99

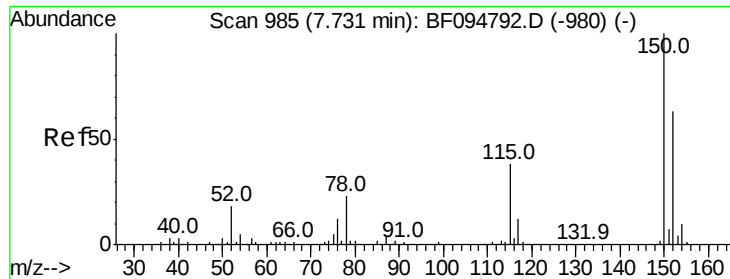
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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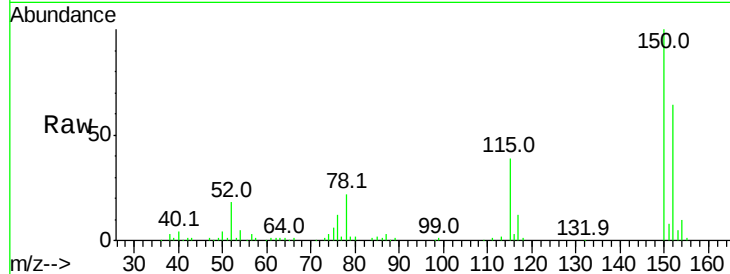


#1

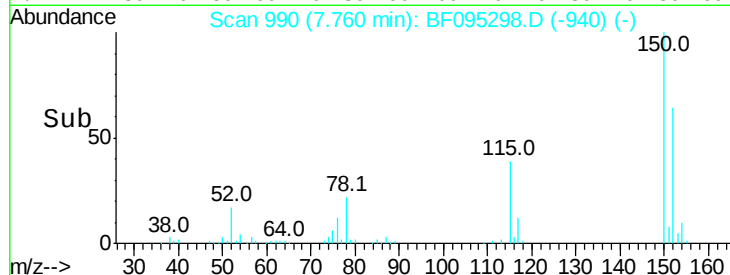
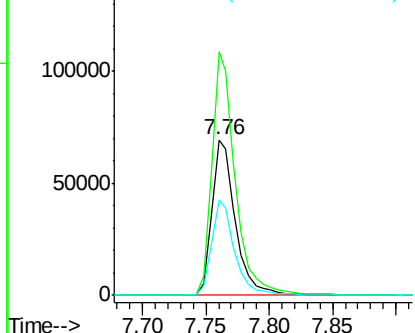
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095298.D
Acq: 20 May 2017 11:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 90128
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 61.0 52.2 78.2



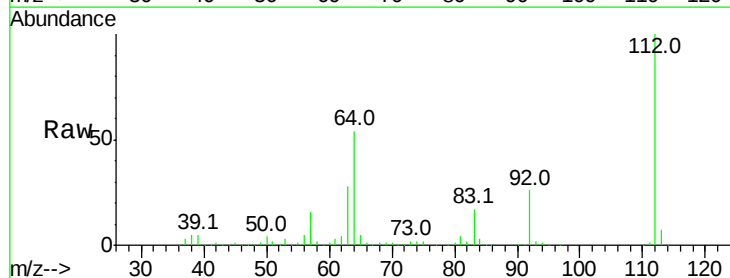
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



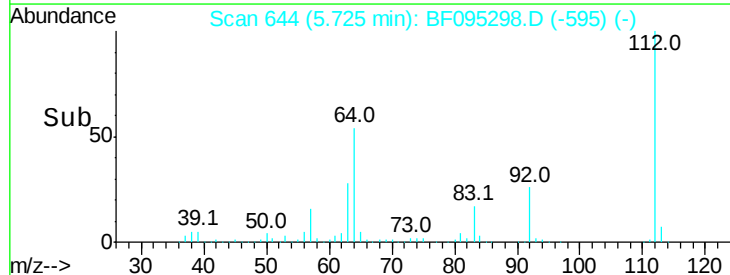
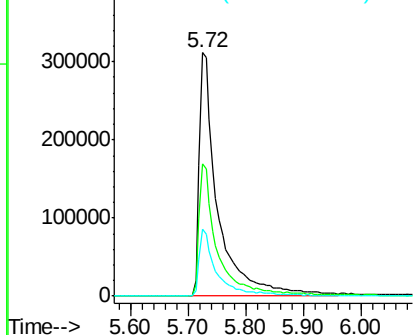
#5

2-Fluorophenol
Concen: 131.31 ng
RT: 5.72 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF095298.D
Acq: 20 May 2017 11:30

Tgt Ion:112 Resp: 709847
Ion Ratio Lower Upper
112 100
64 54.4 46.0 69.0
63 27.7 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: 134.97 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095298.D

Acq: 20 May 2017 11:30

Instrument :

BNA_F

ClientSampleId :

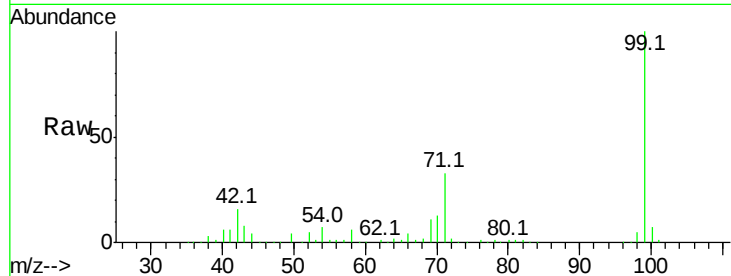
Tot Ion: 99 Resp: 875452

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

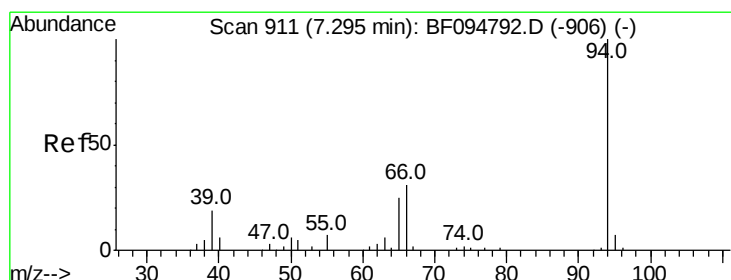
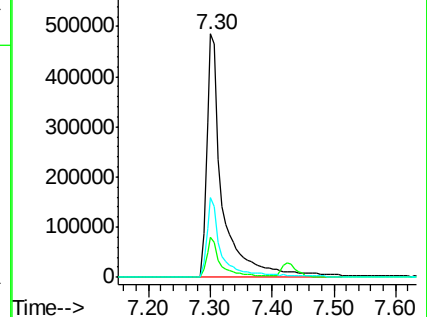
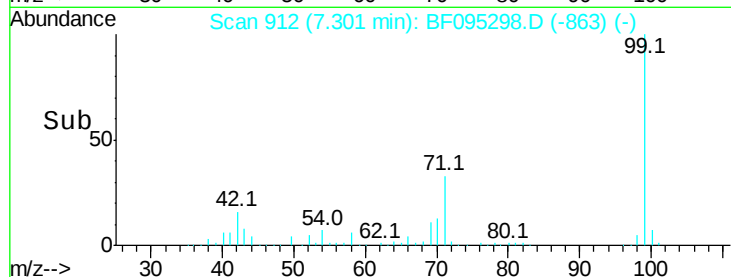
71 32.6 24.5 36.7



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: 2.03 ng

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF095298.D

Acq: 20 May 2017 11:30

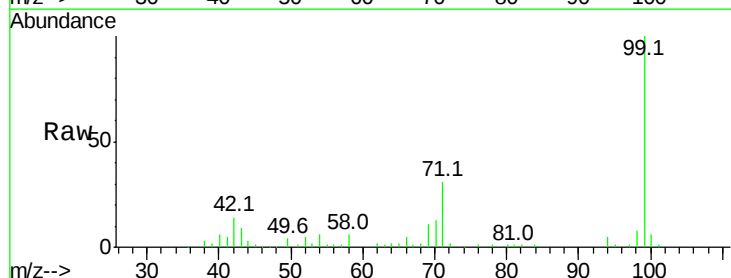
Tgt Ion: 94 Resp: 13874

Ion Ratio Lower Upper

94 100

65 38.3 9.9 49.9

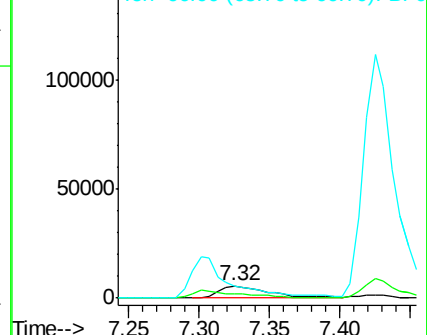
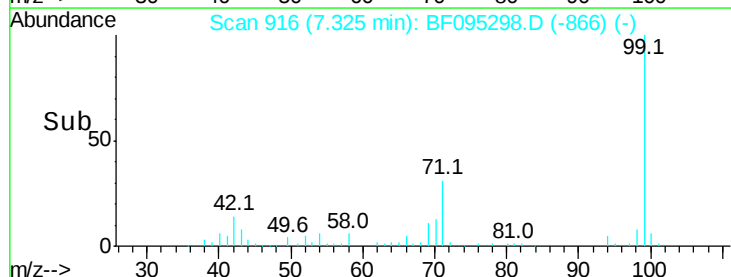
66 98.5 23.1 63.1#

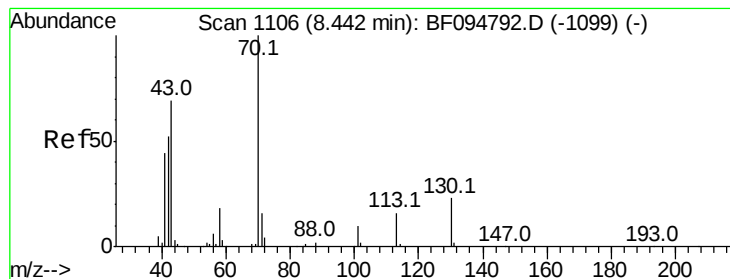


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 13.89 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095298.D

Acq: 20 May 2017 11:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 60942

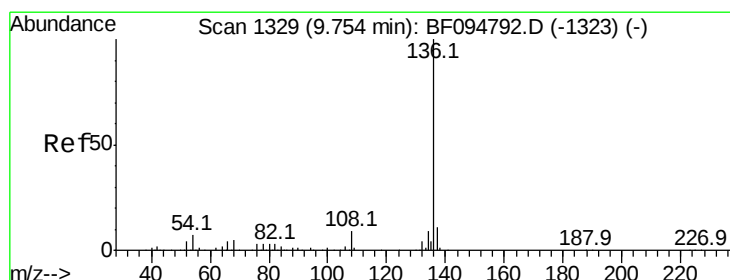
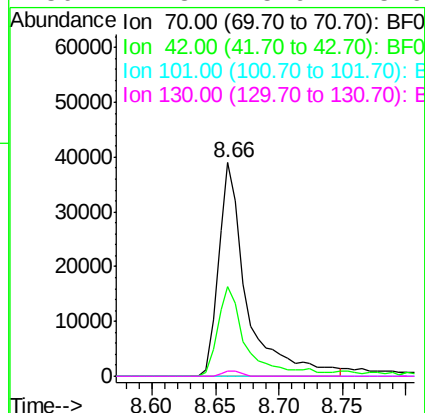
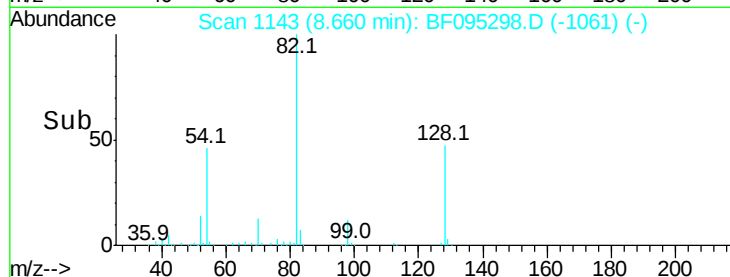
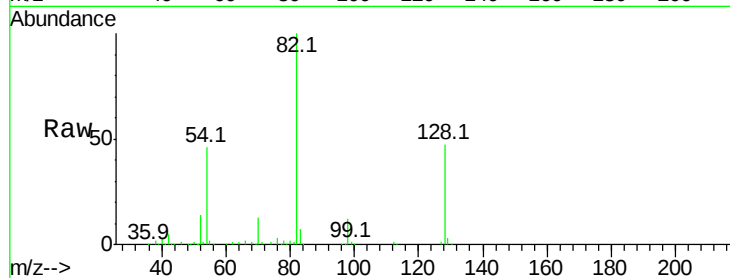
Ion Ratio Lower Upper

70 100

42 41.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 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: BF095298.D

Acq: 20 May 2017 11:30

Tgt Ion: 136 Resp: 369101

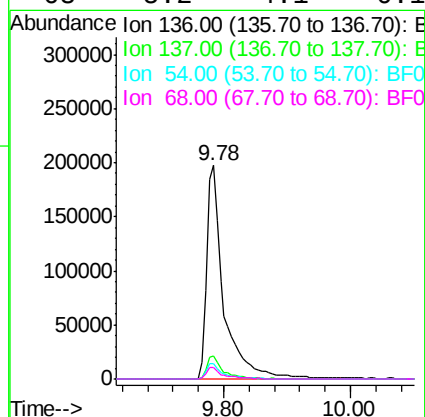
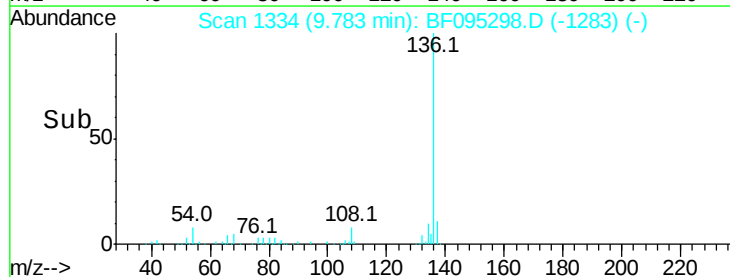
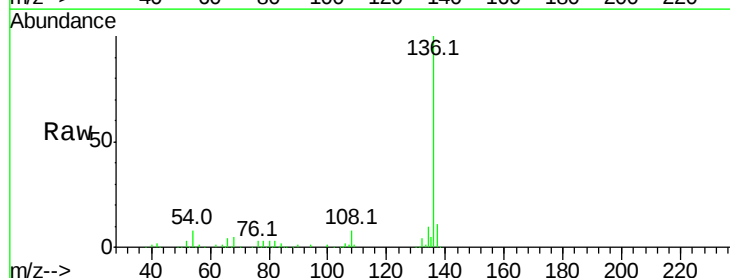
Ion Ratio Lower Upper

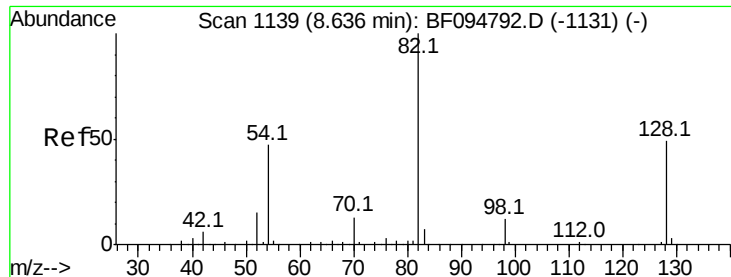
136 100

137 10.9 8.5 12.7

54 7.5 4.9 7.3#

68 5.2 4.1 6.1

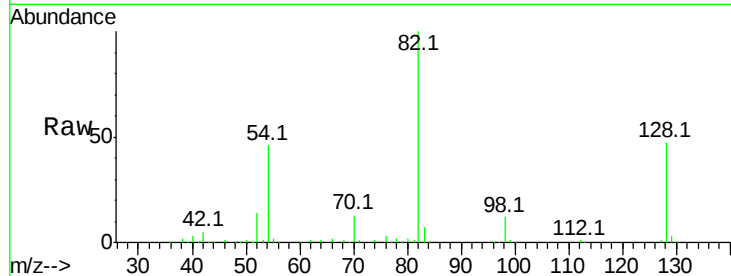




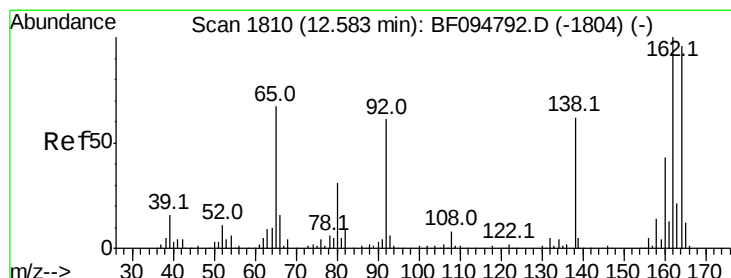
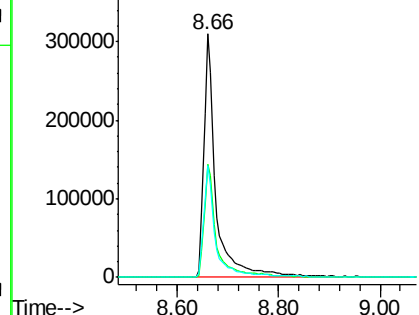
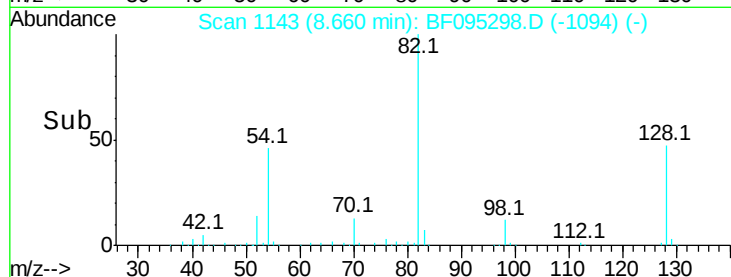
#23
 Nitrobenzene-d5
 Concen: 88.18 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095298.D
 Acq: 20 May 2017 11:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 516164
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.0 51.0
 54 45.7 42.2 63.2

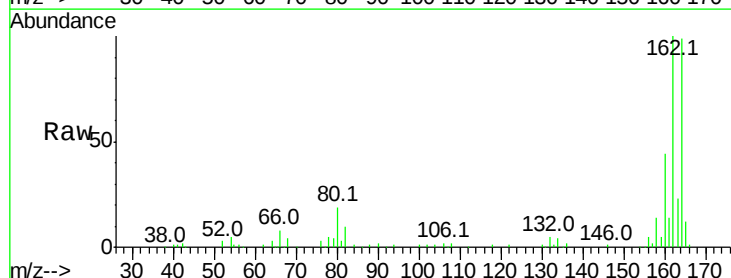


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

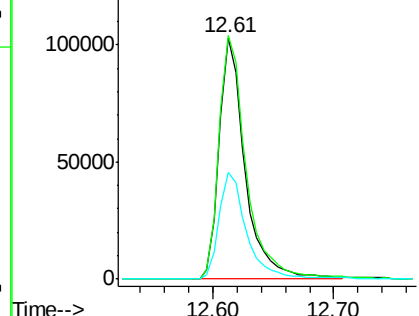
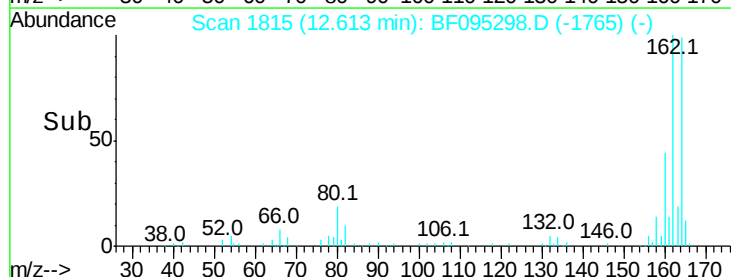


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095298.D
 Acq: 20 May 2017 11:30

Tgt Ion:164 Resp: 152968
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.6 123.8
 160 44.2 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

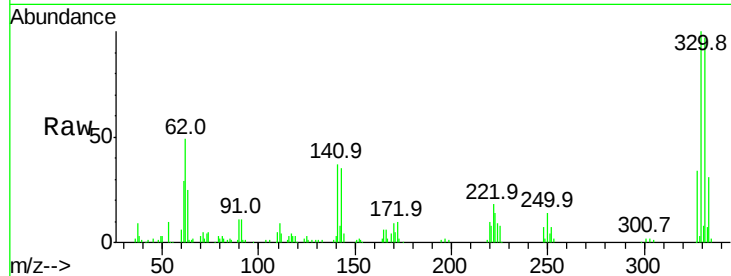




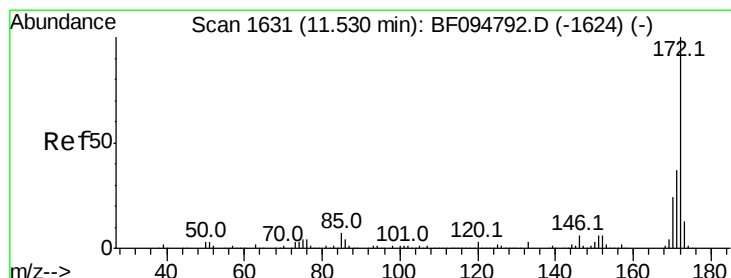
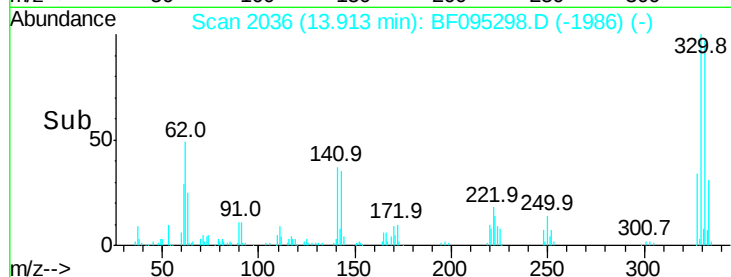
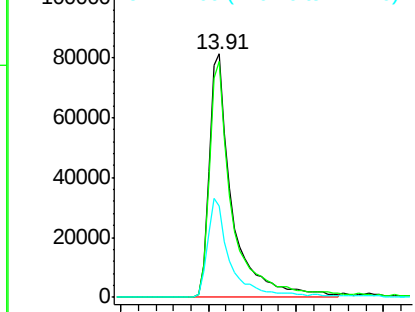
#41
 2,4,6-Tribromophenol
 Concen: 117.99 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095298.D
 Acq: 20 May 2017 11:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 147810
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 40.3 31.4 47.2

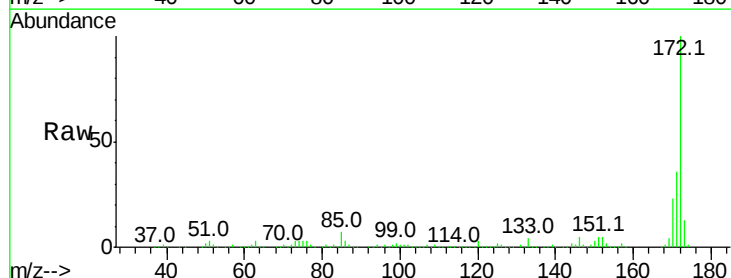


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

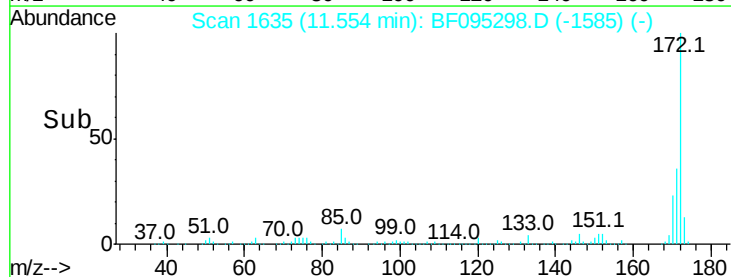
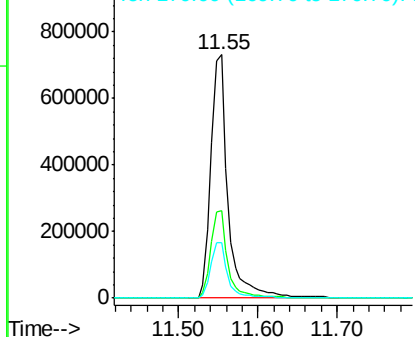


#44
 2-Fluorobiphenyl
 Concen: 104.30 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095298.D
 Acq: 20 May 2017 11:30

Tgt Ion:172 Resp: 1108418
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 22.9 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: 12.96 ng

RT: 12.25 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF095298.D

Acq: 20 May 2017 11:30

Instrument :

BNA_F

ClientSampleId :

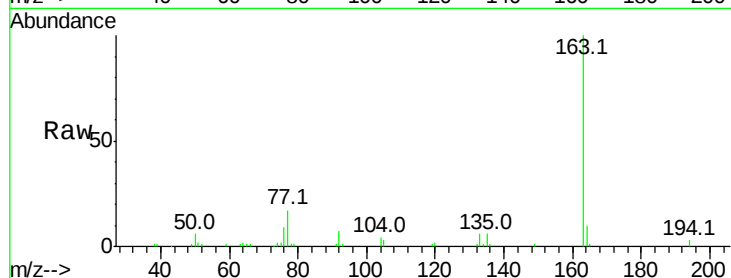
Tot Ion:163 Resp: 162801

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

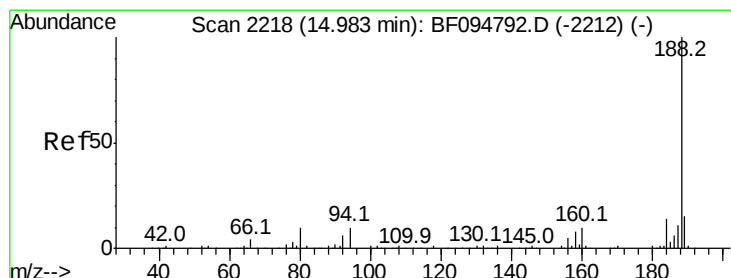
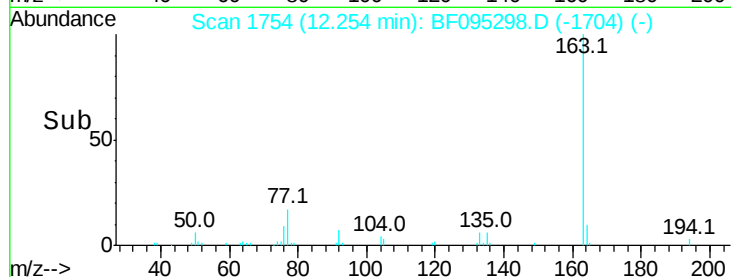
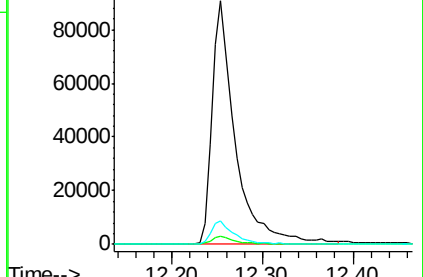
164 9.9 8.4 12.6



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# 2224

Delta R.T. -0.01 min

Lab File: BF095298.D

Acq: 20 May 2017 11:30

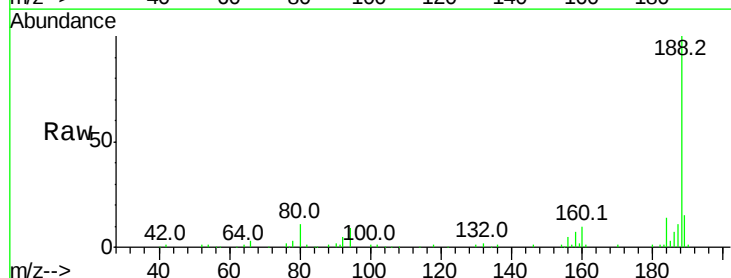
Tgt Ion:188 Resp: 185016

Ion Ratio Lower Upper

188 100

94 9.5 9.4 14.2

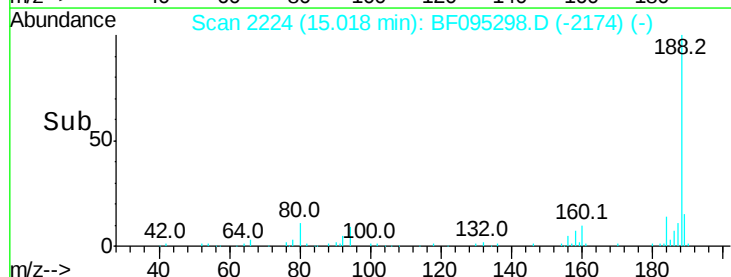
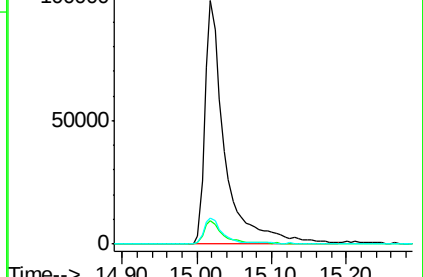
80 10.9 10.2 15.2



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: BF095298.D

Acq: 20 May 2017 11:30

Instrument :

BNA_F

ClientSampled :

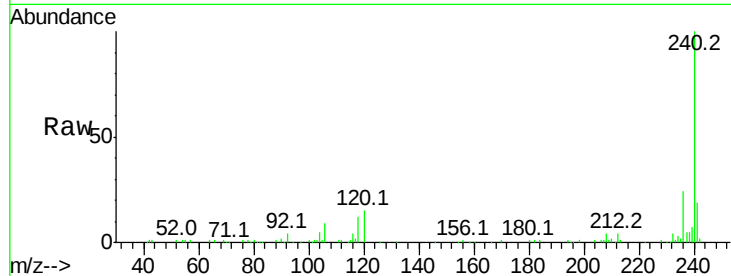
Tot Ion:240 Resp: 168999

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

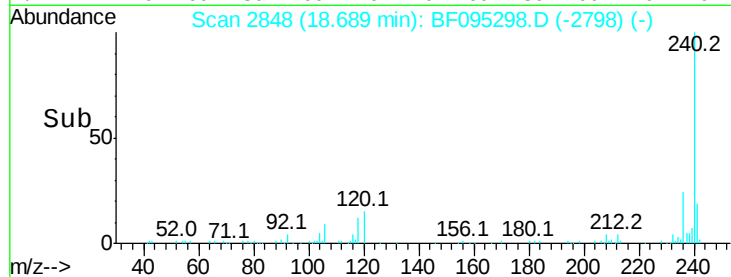
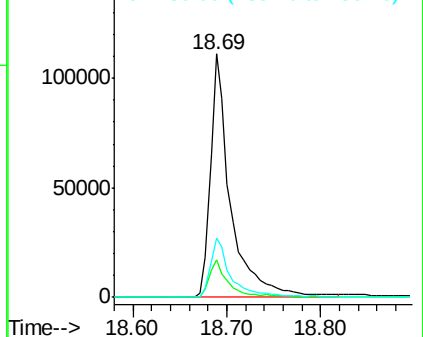
236 24.2 20.5 30.7



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: 74.23 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095298.D

Acq: 20 May 2017 11:30

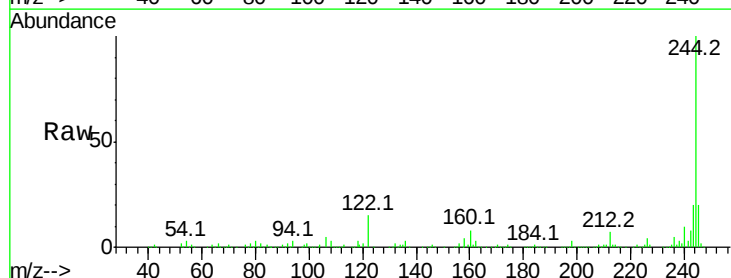
Tgt Ion:244 Resp: 569543

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

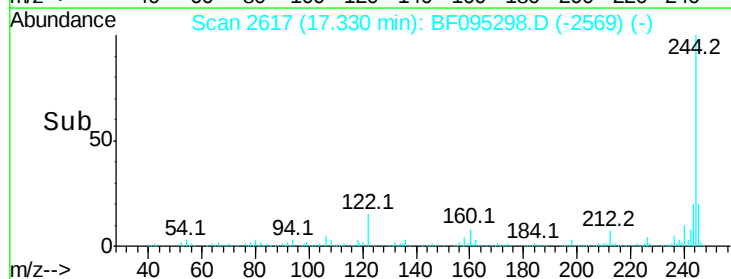
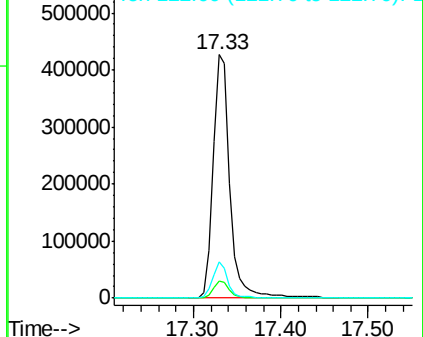
122 14.7 10.3 15.5



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

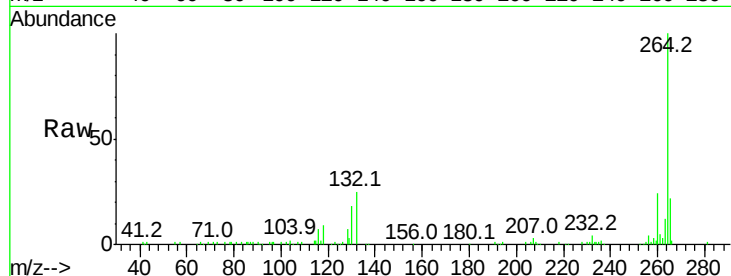




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095298.D
Acq: 20 May 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.6	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

