

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095095.D
 Acq On : 11 May 2017 23:21
 Operator : SJ/MA
 Sample : I3084-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 12 02:59:59 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

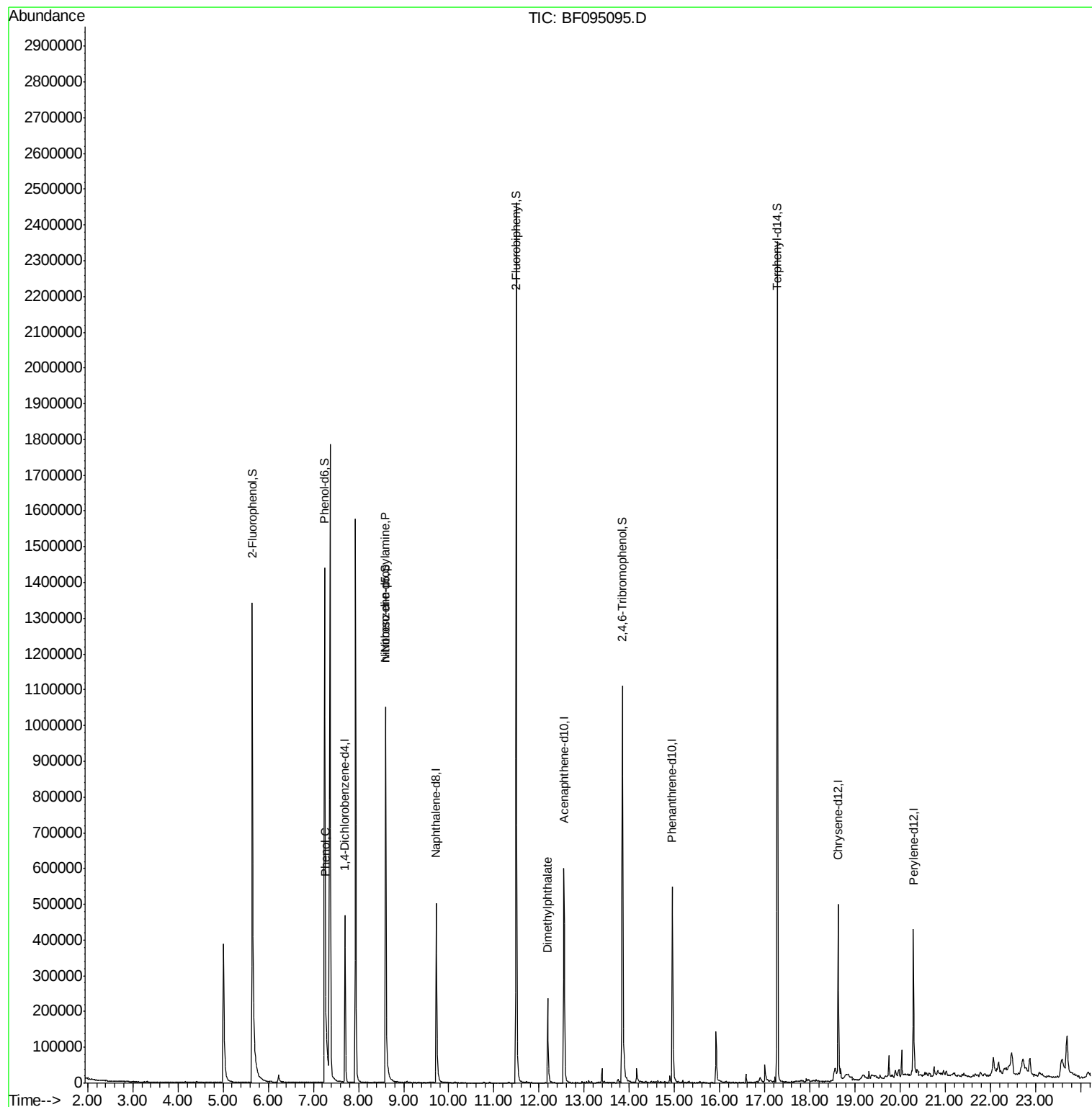
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	96034	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	413367	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	190892	20.00	ng	-0.03
63) Phenanthrene-d10	14.95	188	335656	20.00	ng	-0.03
75) Chrysene-d12	18.62	240	238236	20.00	ng	-0.03
86) Perylene-d12	20.29	264	194049	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	741618	128.75	ng	-0.03
7) Phenol-d6	7.25	99	911414	131.87	ng	-0.03
23) Nitrobenzene-d5	8.60	82	550042	83.91	ng	-0.04
41) 2,4,6-Tribromophenol	13.85	330	205251	131.29	ng	-0.04
44) 2-Fluorobiphenyl	11.50	172	1112619	83.89	ng	-0.04
78) Terphenyl-d14	17.28	244	915762	84.66	ng	-0.03
Target Compounds						
10) Phenol	7.27	94	14673	2.01	ng	# 50
19) n-Nitroso-di-n-propylamine	8.60	70	67984	14.54	ng	# 77
49) Dimethylphthalate	12.19	163	170243	10.86	ng	99

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

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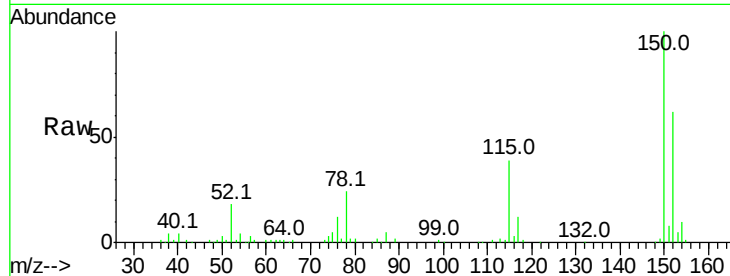


#1

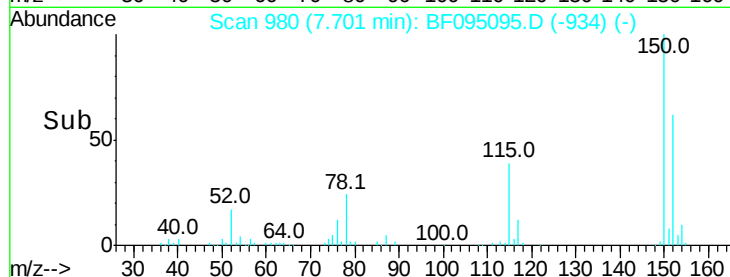
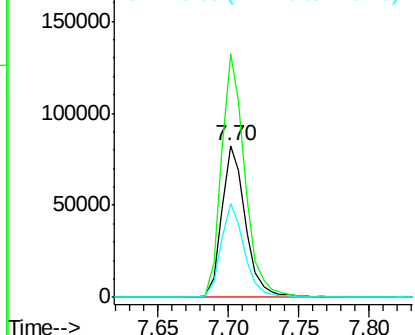
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF095095.D
Acq: 11 May 2017 23:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 96034
Ion Ratio Lower Upper
152 100
150 160.8 126.2 189.2
115 62.1 52.2 78.2



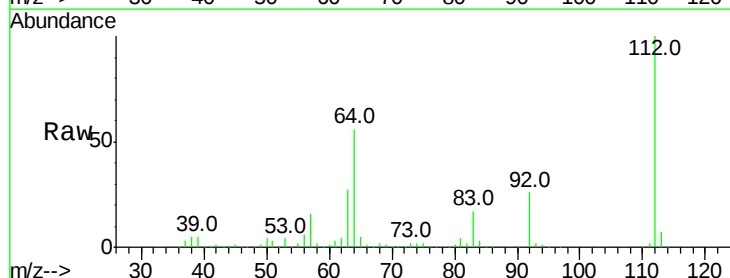
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



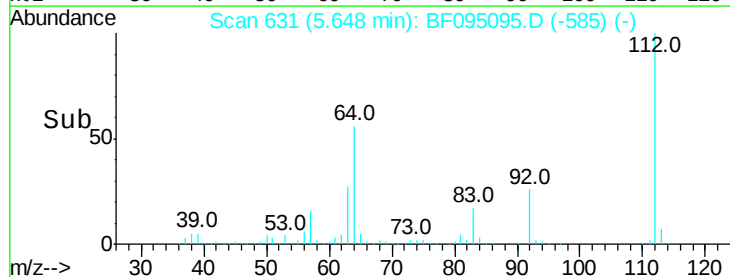
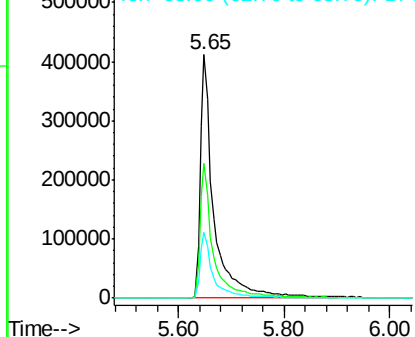
#5

2-Fluorophenol
Concen: 128.75 ng
RT: 5.65 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF095095.D
Acq: 11 May 2017 23:21

Tgt Ion:112 Resp: 741618
Ion Ratio Lower Upper
112 100
64 55.6 46.0 69.0
63 27.2 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: 131.87 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF095095.D

Acq: 11 May 2017 23:21

Instrument :

BNA_F

ClientSampleId :

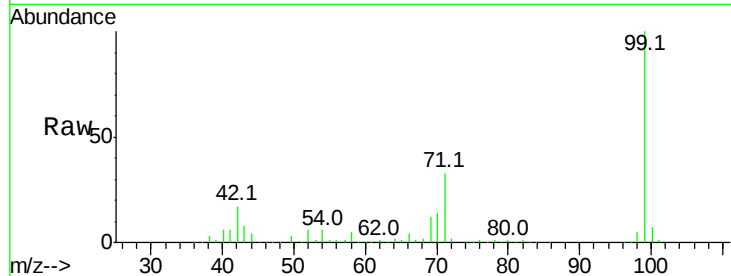
Tot Ion: 99 Resp: 911414

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

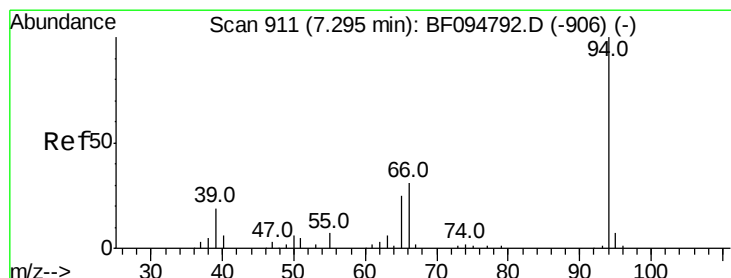
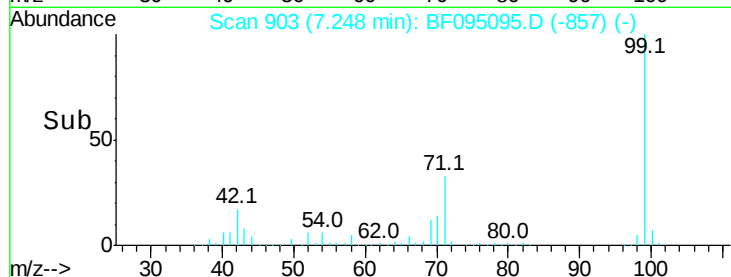
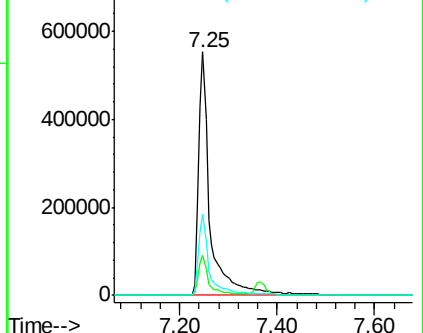
71 33.1 24.5 36.7



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: 2.01 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.03 min

Lab File: BF095095.D

Acq: 11 May 2017 23:21

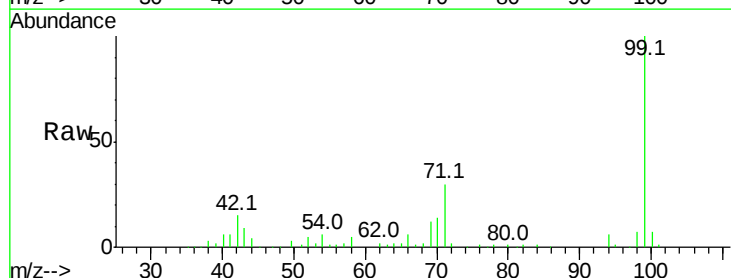
Tgt Ion: 94 Resp: 14673

Ion Ratio Lower Upper

94 100

65 33.6 9.9 49.9

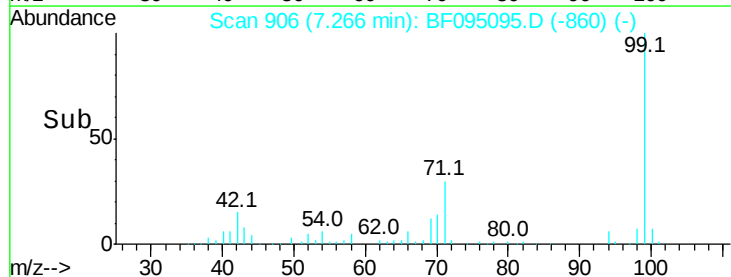
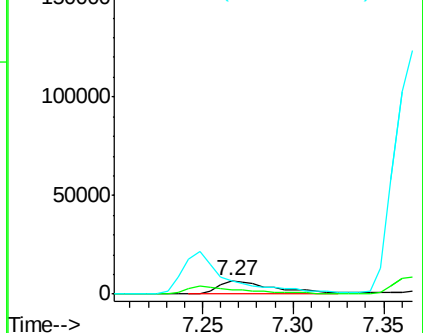
66 94.1 23.1 63.1#



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: 14.54 ng

RT: 8.60 min Scan# 1133

Delta R.T. 0.16 min

Lab File: BF095095.D

Acq: 11 May 2017 23:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 67984

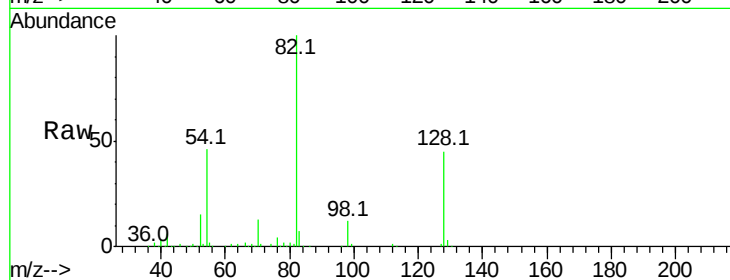
Ion Ratio Lower Upper

70 100

42 46.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

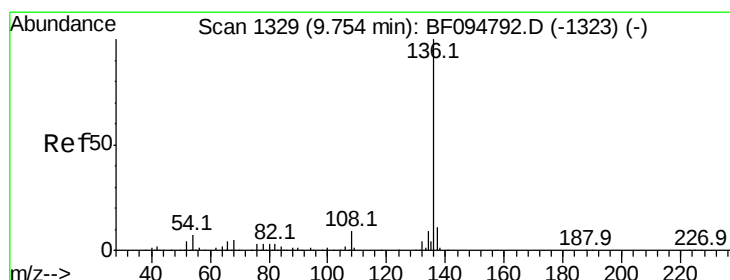
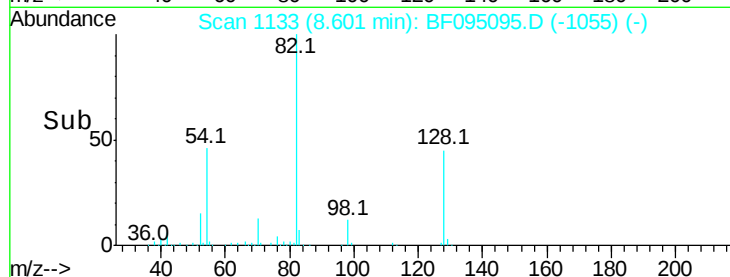
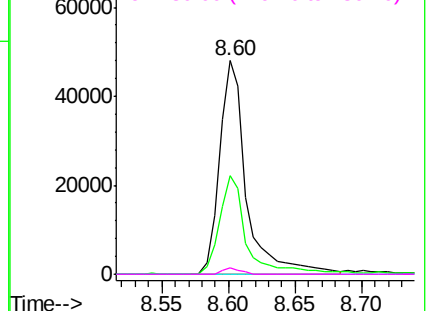


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.72 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BF095095.D

Acq: 11 May 2017 23:21

Tgt Ion: 136 Resp: 413367

Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.7 4.9 7.3

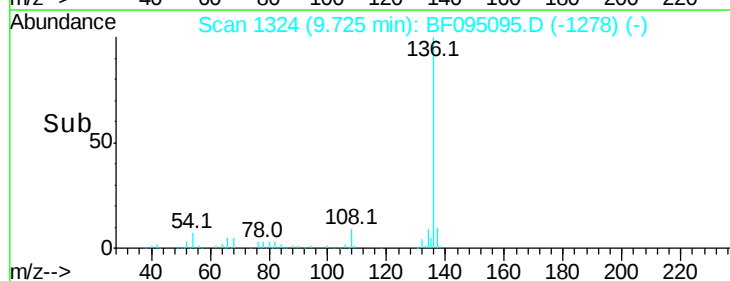
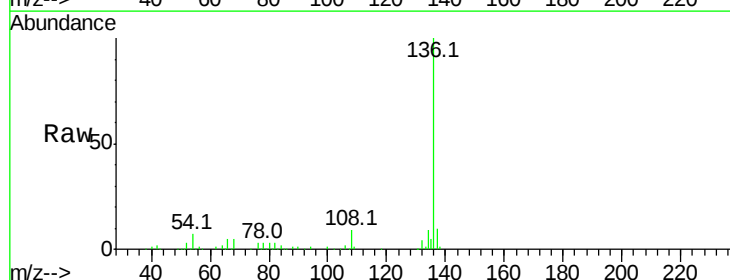
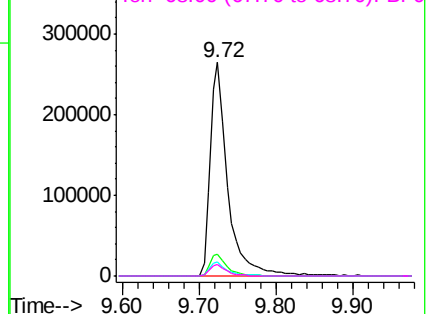
68 5.3 4.1 6.1

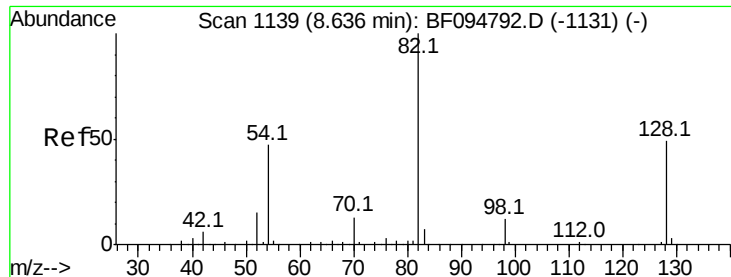
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

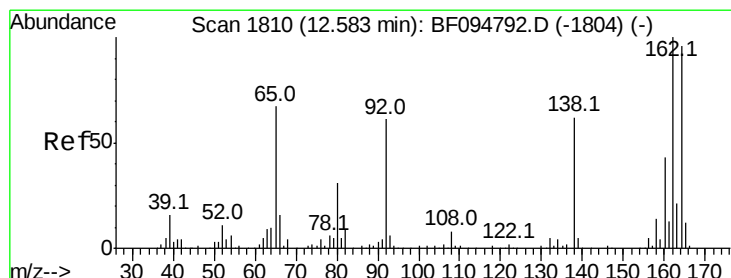
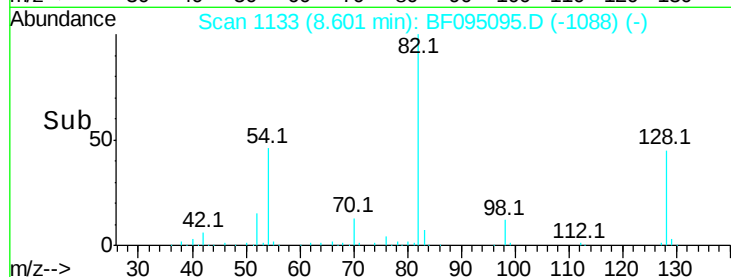
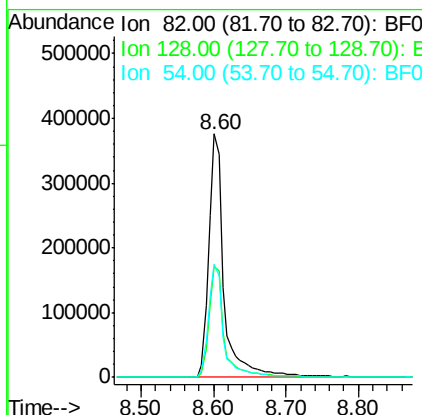
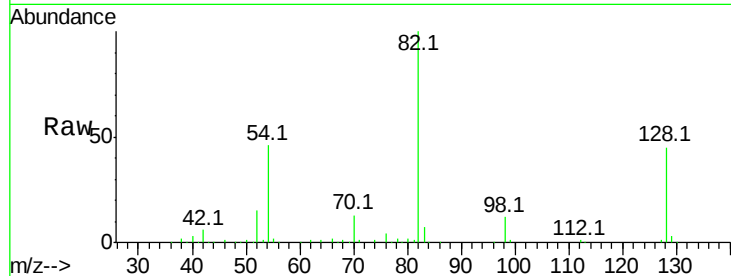




#23
Nitrobenzene-d5
Concen: 83.91 ng
RT: 8.60 min Scan# 1133
Delta R.T. -0.04 min
Lab File: BF095095.D
Acq: 11 May 2017 23:21

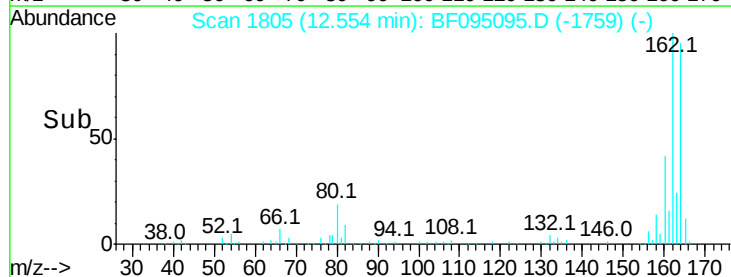
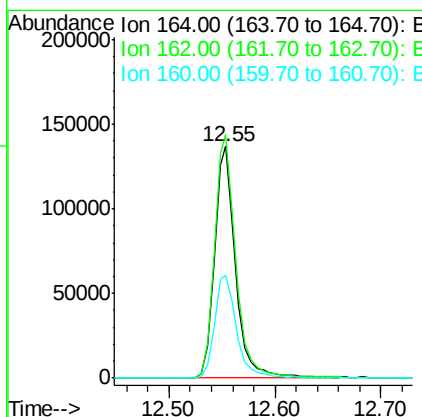
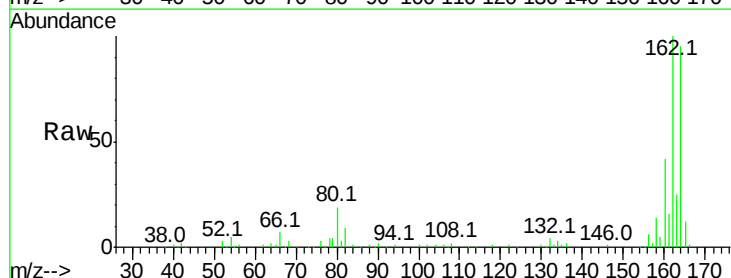
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 550042
Ion Ratio Lower Upper
82 100
128 45.3 34.0 51.0
54 46.2 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1805
Delta R.T. -0.03 min
Lab File: BF095095.D
Acq: 11 May 2017 23:21

Tgt Ion:164 Resp: 190892
Ion Ratio Lower Upper
164 100
162 105.1 82.6 123.8
160 44.5 36.2 54.2

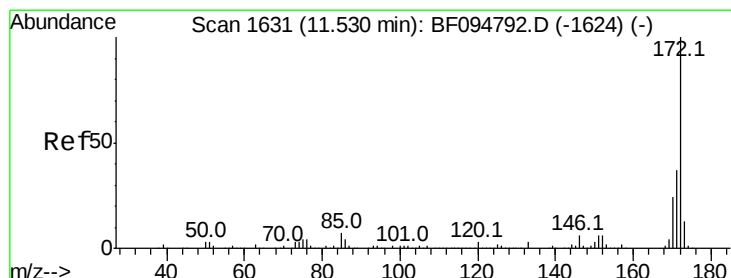
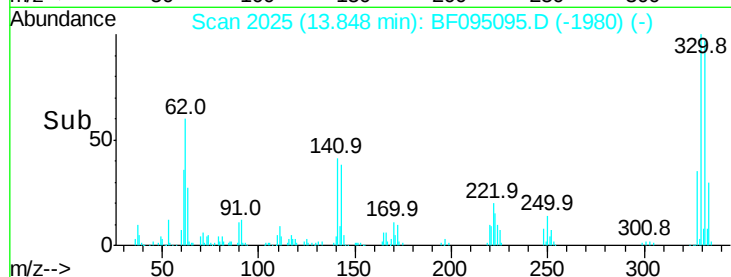
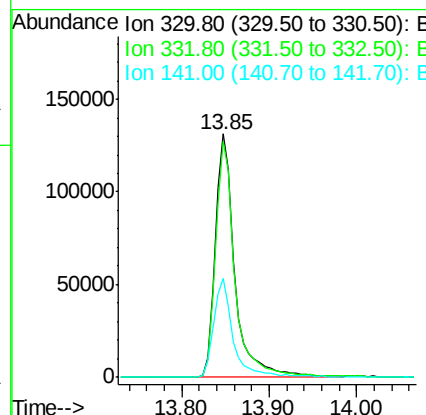
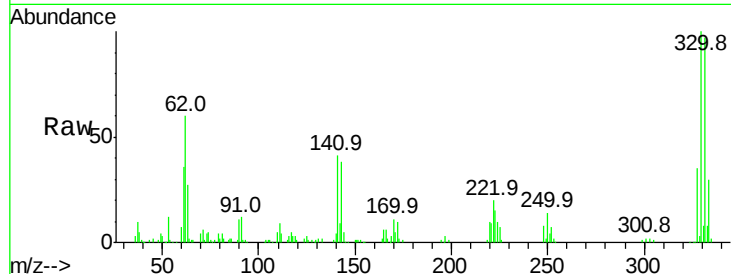




#41
 2,4,6-Tribromophenol
 Concen: 131.29 ng
 RT: 13.85 min Scan# 2025
 Delta R.T. -0.04 min
 Lab File: BF095095.D
 Acq: 11 May 2017 23:21

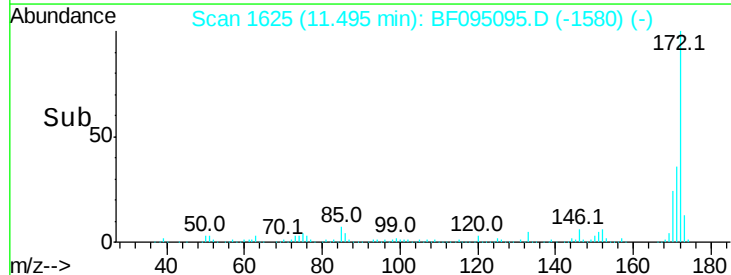
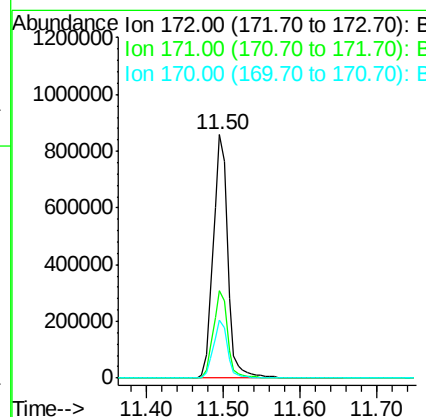
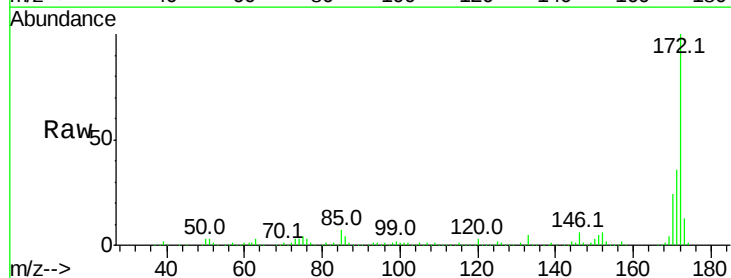
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	40.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 83.89 ng
 RT: 11.50 min Scan# 1625
 Delta R.T. -0.04 min
 Lab File: BF095095.D
 Acq: 11 May 2017 23:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.8	19.8	29.8





#49

Dimethylphthalate

Concen: 10.86 ng

RT: 12.19 min Scan# 1743

Delta R.T. -0.04 min

Lab File: BF095095.D

Acq: 11 May 2017 23:21

Instrument :

BNA_F

ClientSampleId :

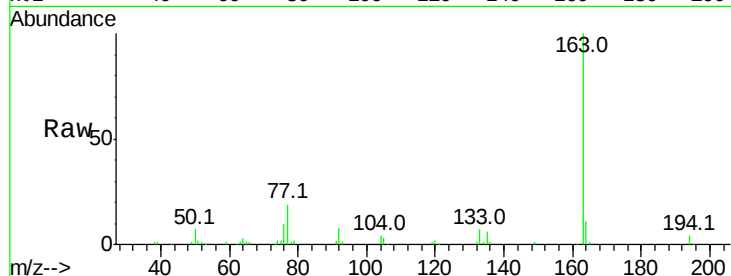
Tot Ion:163 Resp: 170243

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

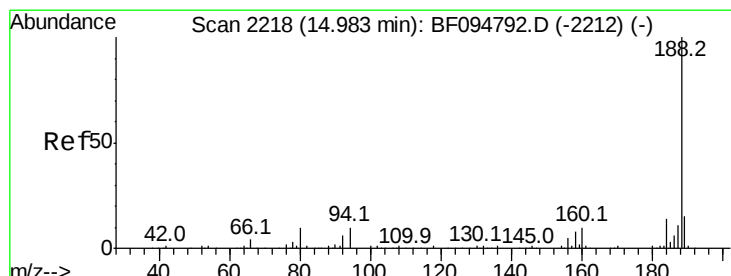
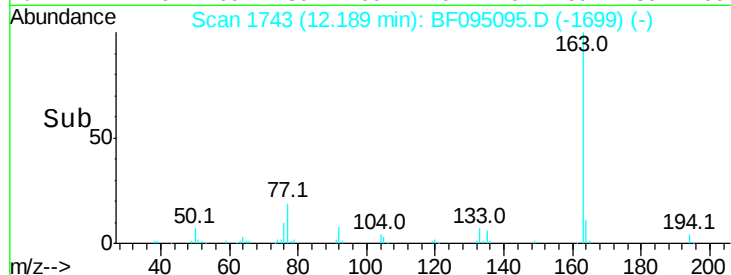
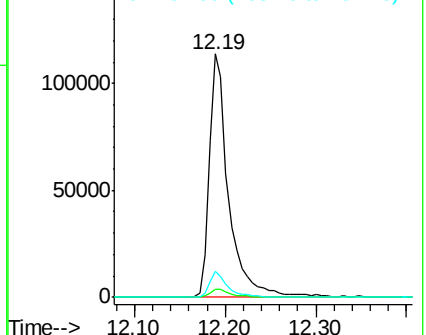
164 10.9 8.4 12.6



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: 14.95 min Scan# 2213

Delta R.T. -0.03 min

Lab File: BF095095.D

Acq: 11 May 2017 23:21

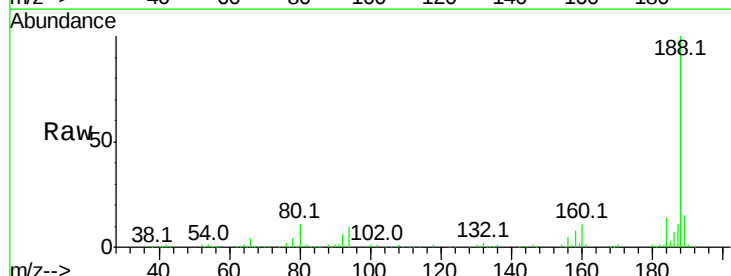
Tgt Ion:188 Resp: 335656

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

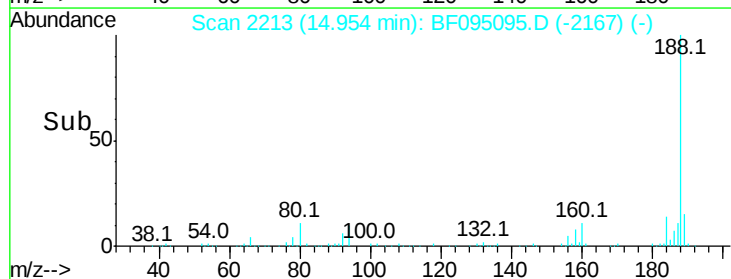
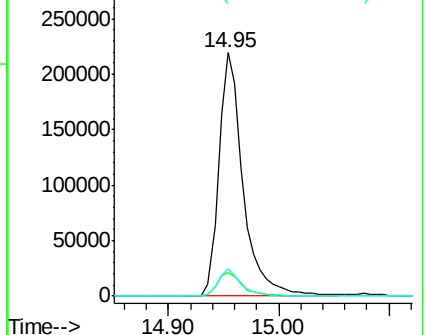
80 11.1 10.2 15.2

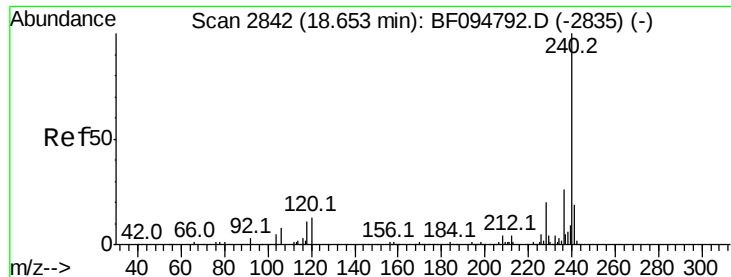


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.62 min Scan# 2837

Delta R.T. -0.03 min

Lab File: BF095095.D

Acq: 11 May 2017 23:21

Instrument :

BNA_F

ClientSampleId :

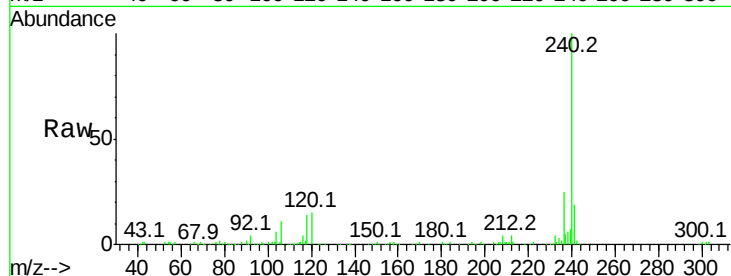
Tot Ion:240 Resp: 238236

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

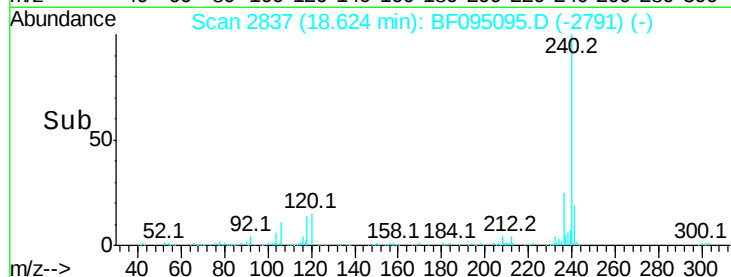
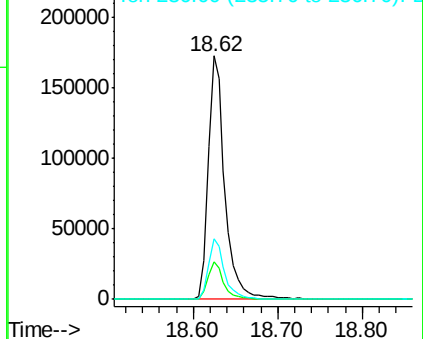
236 25.1 20.5 30.7



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: 84.66 ng

RT: 17.28 min Scan# 2609

Delta R.T. -0.03 min

Lab File: BF095095.D

Acq: 11 May 2017 23:21

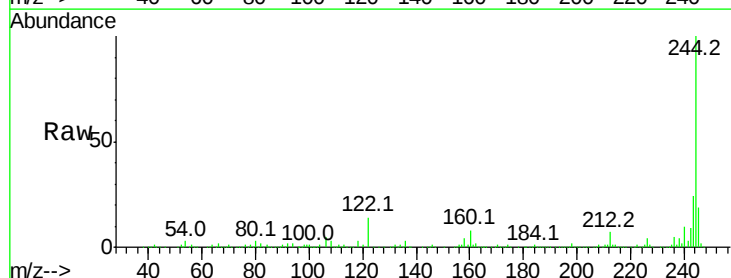
Tgt Ion:244 Resp: 915762

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

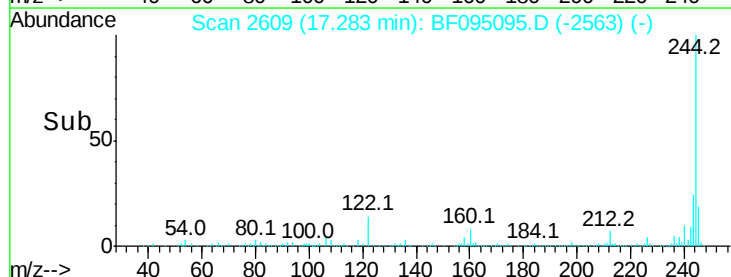
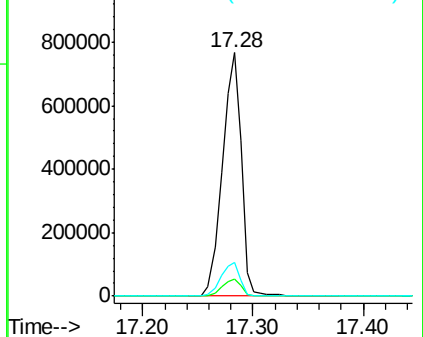
122 13.7 10.3 15.5

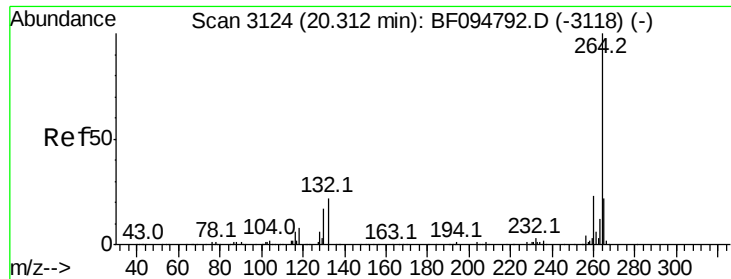


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

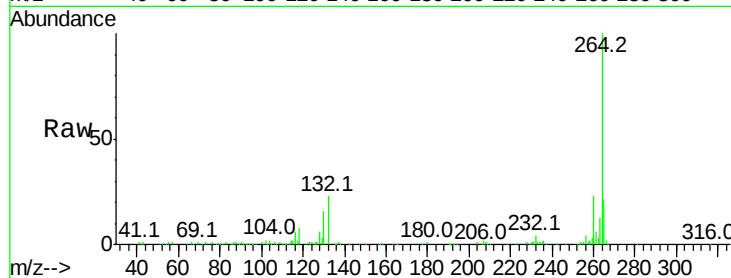




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095095.D
Acq: 11 May 2017 23:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	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

