

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095310.D
 Acq On : 22 May 2017 13:06
 Operator : SJ/MA
 Sample : I3207-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 01:10:35 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

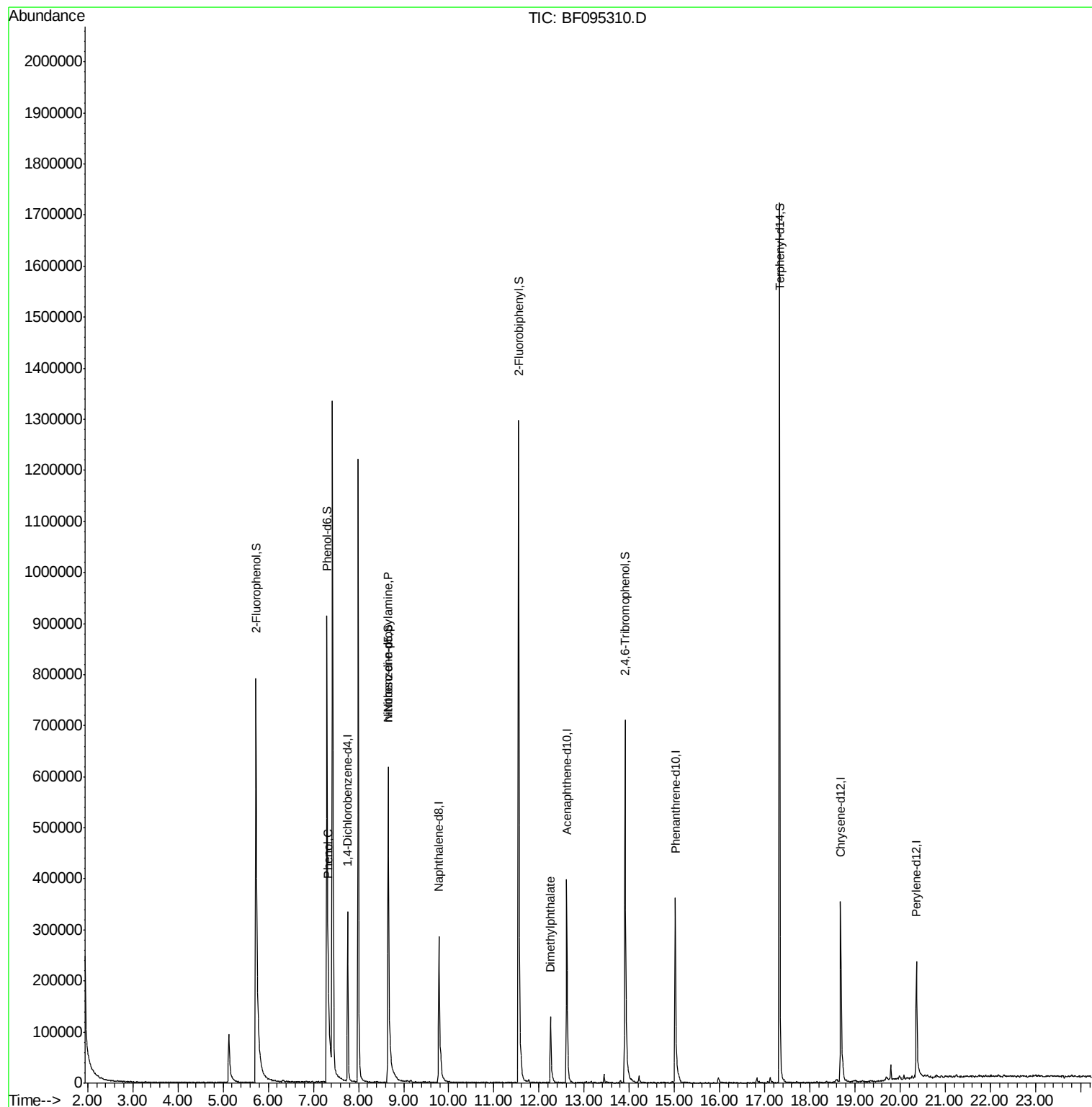
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	76659	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	321486	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	142967	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	271979	20.00	ng	0.00
75) Chrysene-d12	18.68	240	224928	20.00	ng	-0.01
86) Perylene-d12	20.36	264	153452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	599624	130.41	ng	-0.01
7) Phenol-d6	7.30	99	754012	136.67	ng	-0.02
23) Nitrobenzene-d5	8.66	82	442098	86.72	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	157094	134.17	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	788378	79.37	ng	-0.01
78) Terphenyl-d14	17.33	244	704566	68.99	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	14185	2.44	ng	# 35
19) n-Nitroso-di-n-propylamine	8.66	70	50312	13.48	ng	# 76
49) Dimethylphthalate	12.25	163	116707	9.94	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: BF095310.D

Acq: 22 May 2017 13:06

Instrument :

BNA_F

ClientSampleId :

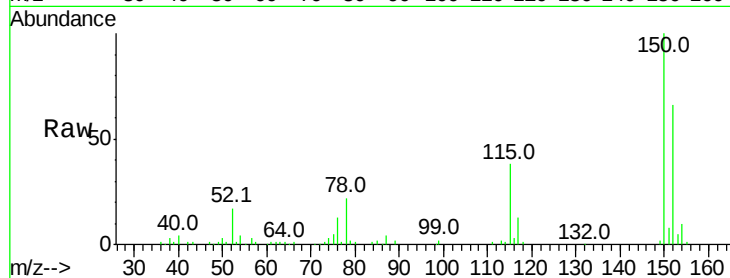
Tot Ion:152 Resp: 76659

Ion Ratio Lower Upper

152 100

150 151.4 126.2 189.2

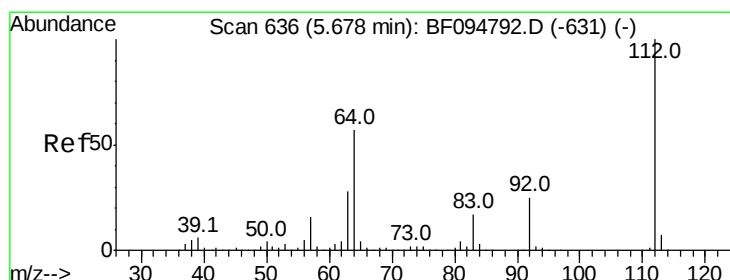
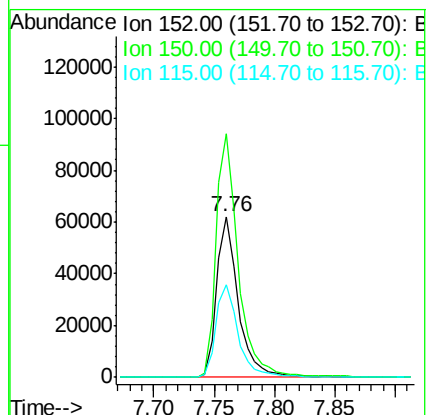
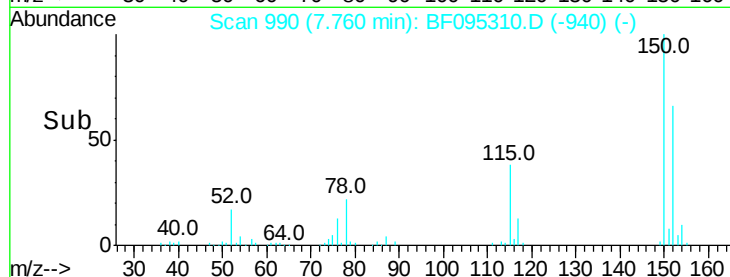
115 57.5 52.2 78.2



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: 130.41 ng

RT: 5.72 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF095310.D

Acq: 22 May 2017 13:06

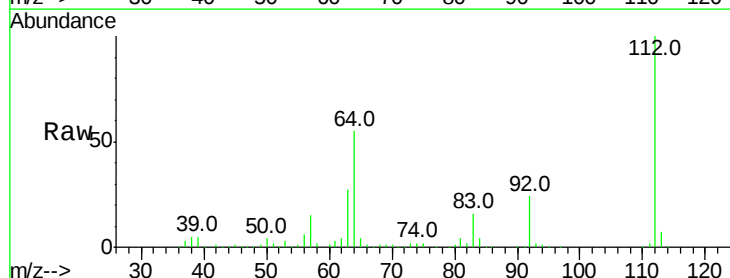
Tgt Ion:112 Resp: 599624

Ion Ratio Lower Upper

112 100

64 55.4 46.0 69.0

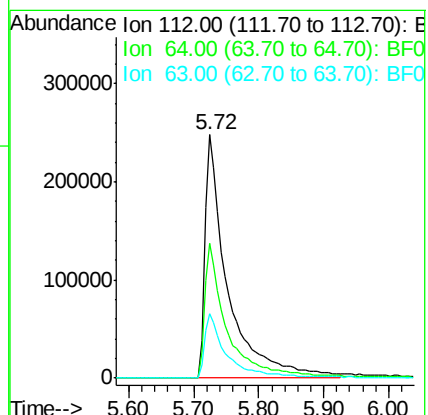
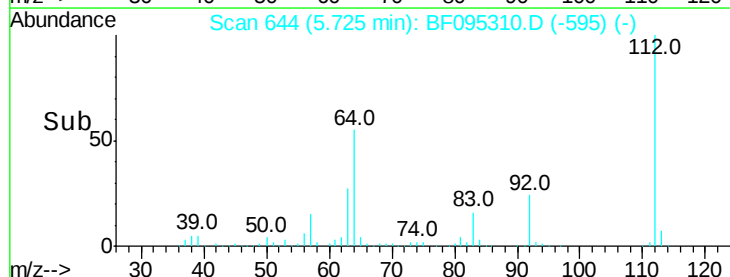
63 26.6 23.4 35.0



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: 136.67 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095310.D

Acq: 22 May 2017 13:06

Instrument :

BNA_F

ClientSampled :

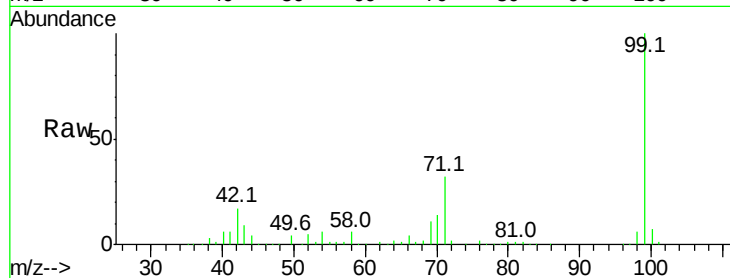
Tot Ion: 99 Resp: 754012

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

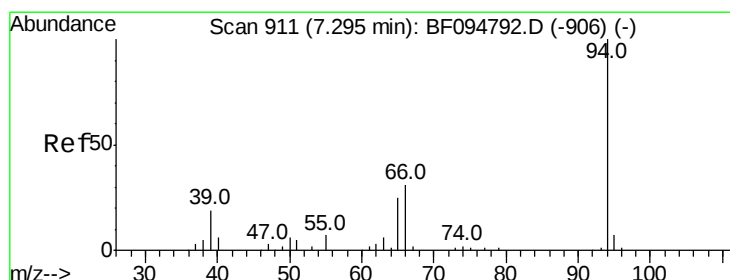
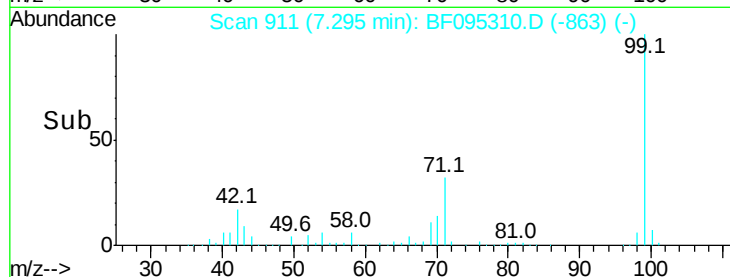
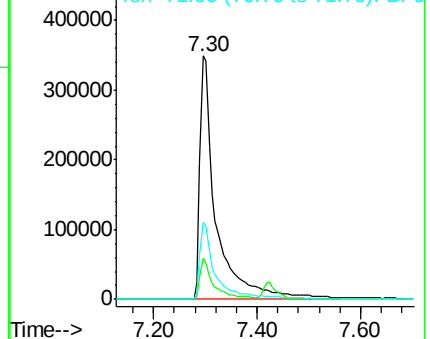
71 31.6 24.5 36.7



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: 2.44 ng

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF095310.D

Acq: 22 May 2017 13:06

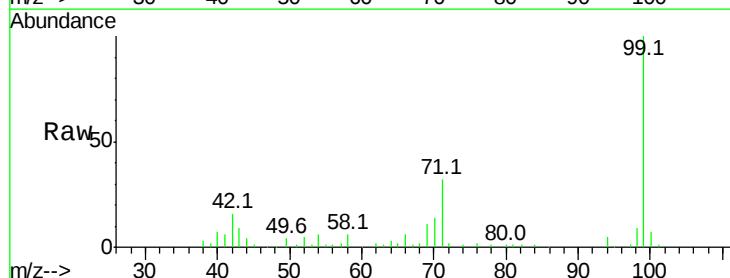
Tgt Ion: 94 Resp: 14185

Ion Ratio Lower Upper

94 100

65 39.2 9.9 49.9

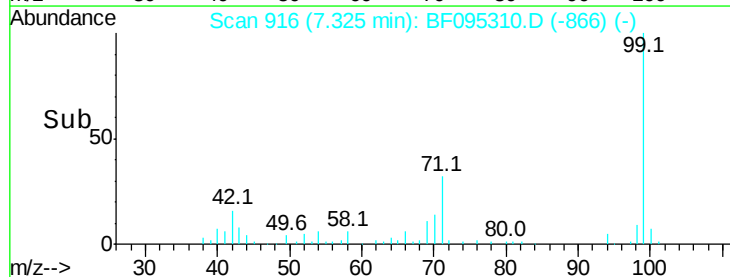
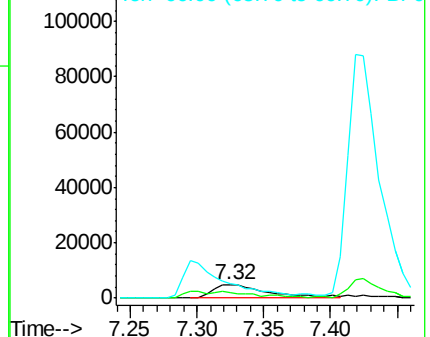
66 105.8 23.1 63.1#



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

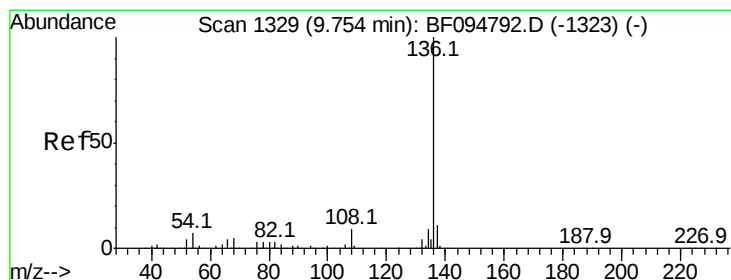
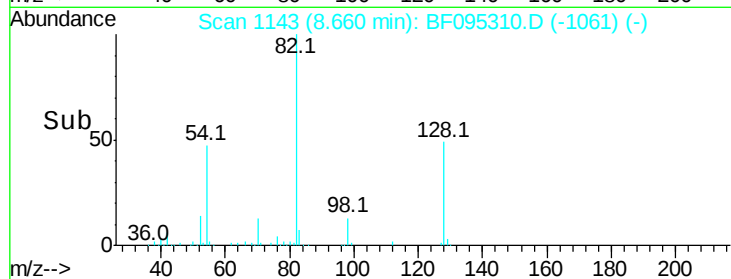
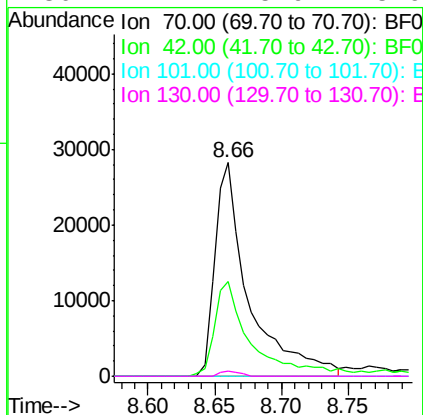
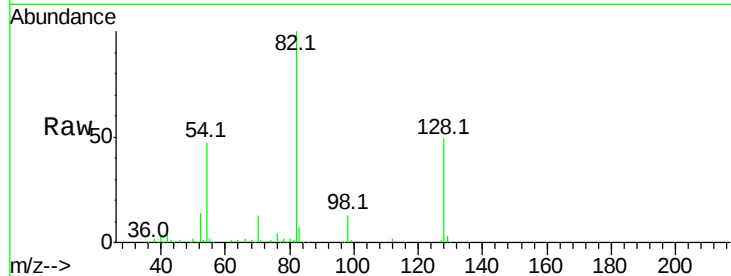




#19
n-Nitroso-di-n-propylamine
Concen: 13.48 ng
RT: 8.66 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF095310.D
Acq: 22 May 2017 13:06

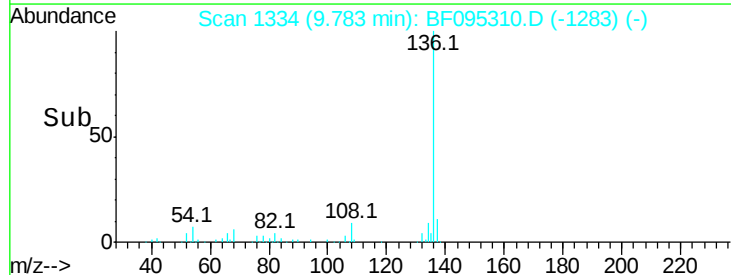
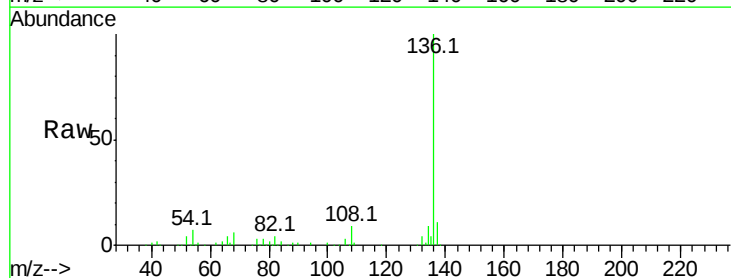
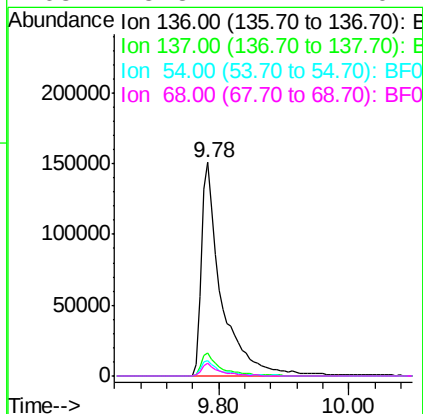
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 50312
Ion Ratio Lower Upper
70 100
42 44.4 47.2 70.8#
101 0.0 7.2 10.8#
130 2.1 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: BF095310.D
Acq: 22 May 2017 13:06

Tgt Ion:136 Resp: 321486
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 7.4 4.9 7.3#
68 5.8 4.1 6.1

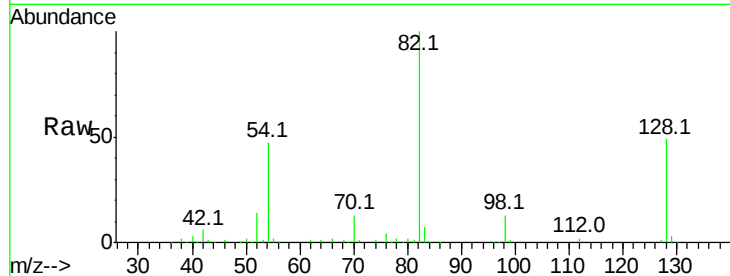




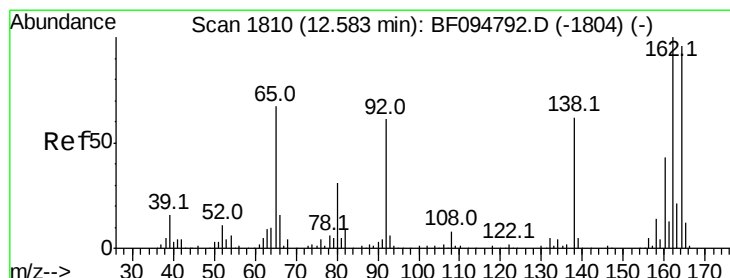
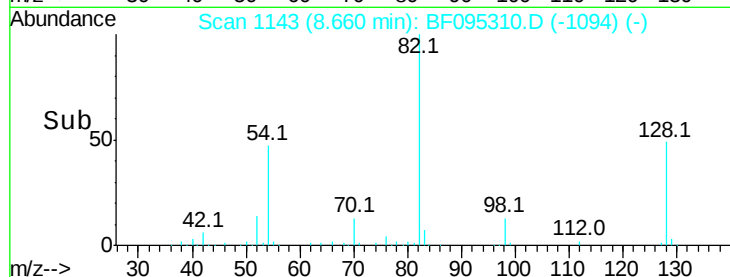
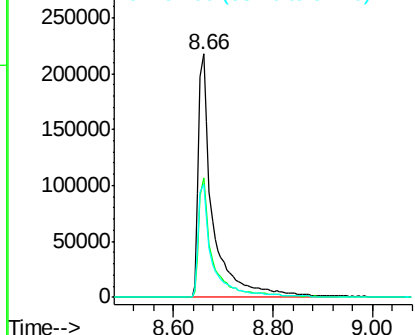
#23
Nitrobenzene-d5
Concen: 86.72 ng
RT: 8.66 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF095310.D
Acq: 22 May 2017 13:06

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 82 Resp: 442098
Ion Ratio Lower Upper
82 100
128 48.8 34.0 51.0
54 46.6 42.2 63.2

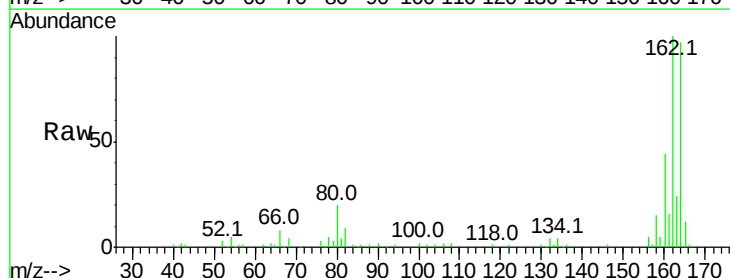


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

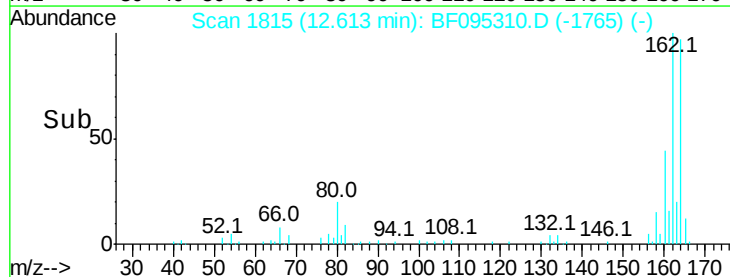
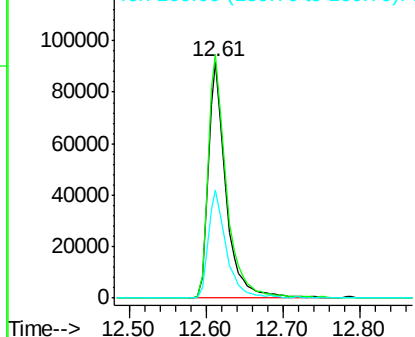


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF095310.D
Acq: 22 May 2017 13:06

Tgt Ion:164 Resp: 142967
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 45.7 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

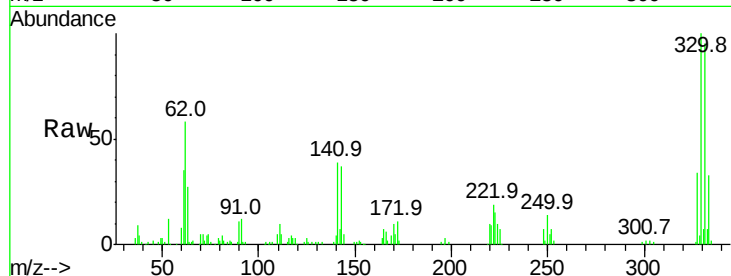




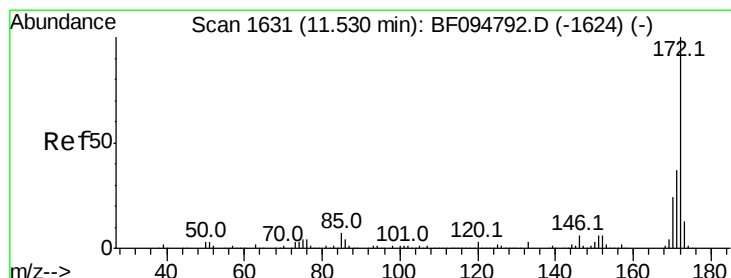
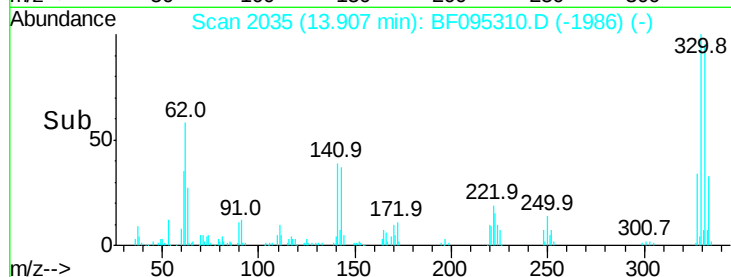
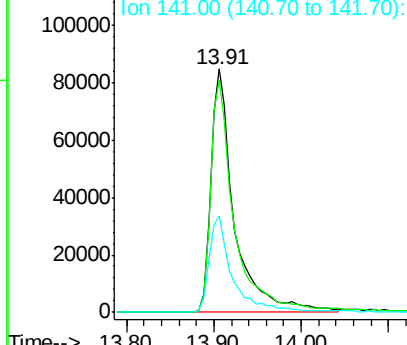
#41
 2,4,6-Tribromophenol
 Concen: 134.17 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095310.D
 Acq: 22 May 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 157094
 Ion Ratio Lower Upper
 330 100
 332 98.8 76.6 115.0
 141 39.3 31.4 47.2

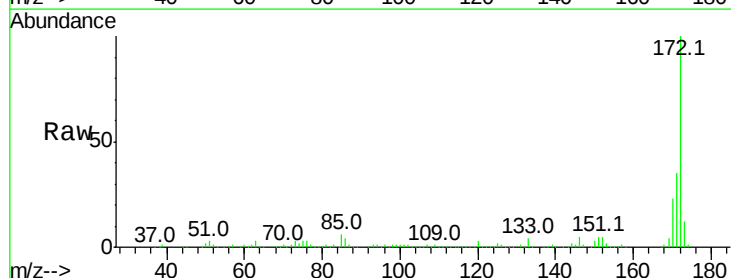


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

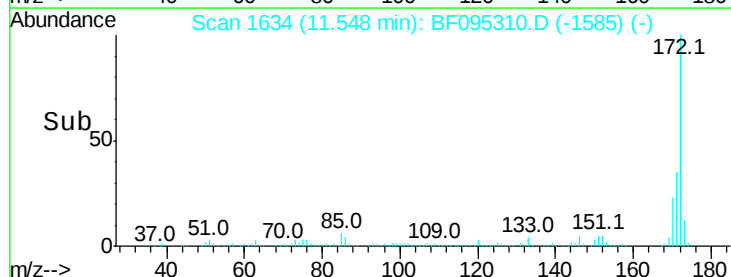
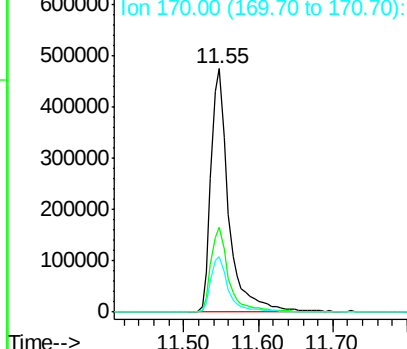


#44
 2-Fluorobiphenyl
 Concen: 79.37 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095310.D
 Acq: 22 May 2017 13:06

Tgt Ion:172 Resp: 788378
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 22.6 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: 9.94 ng

RT: 12.25 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF095310.D

Acq: 22 May 2017 13:06

Instrument :

BNA_F

ClientSampleId :

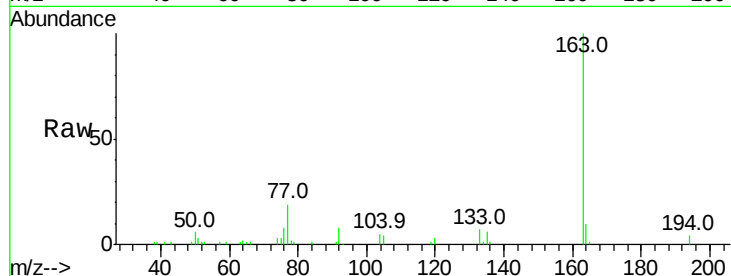
Tot Ion:163 Resp: 116707

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

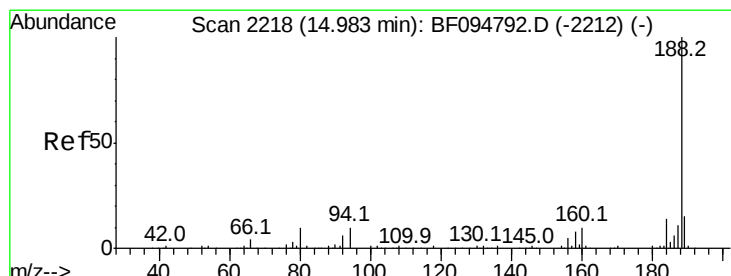
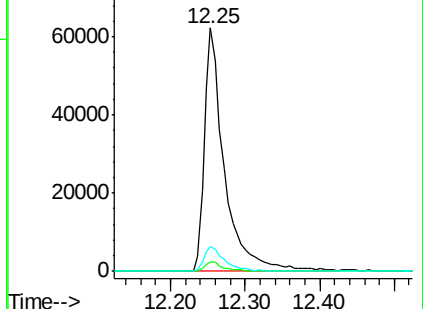
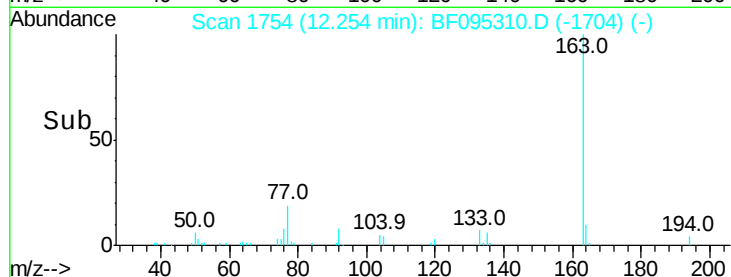
164 10.3 8.4 12.6



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: BF095310.D

Acq: 22 May 2017 13:06

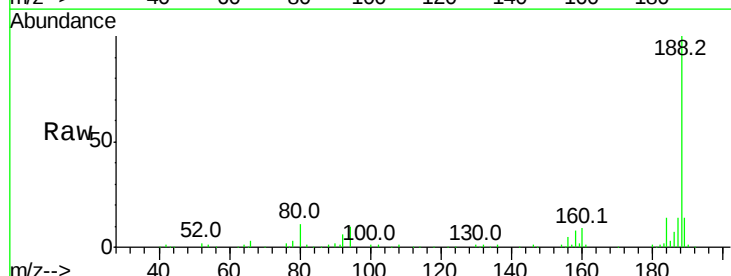
Tgt Ion:188 Resp: 271979

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

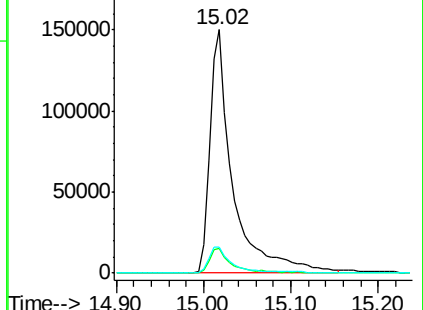
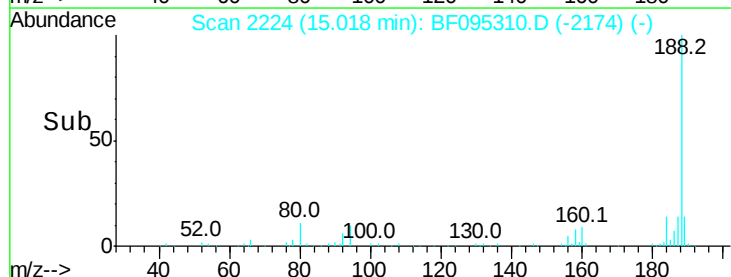
80 10.8 10.2 15.2



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

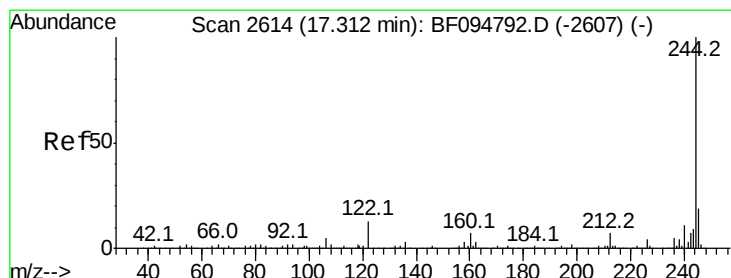
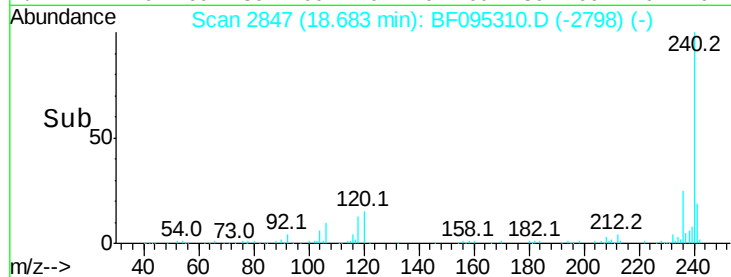
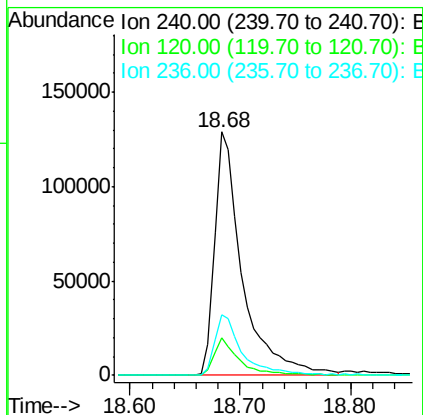
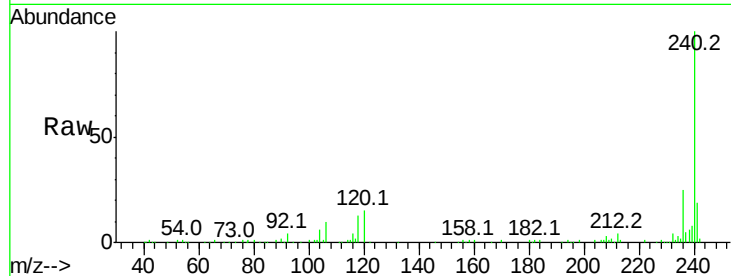




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095310.D
 Acq: 22 May 2017 13:06

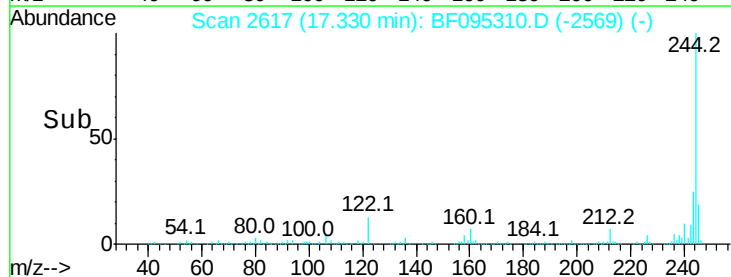
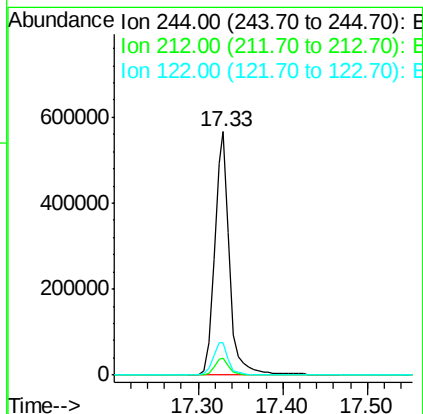
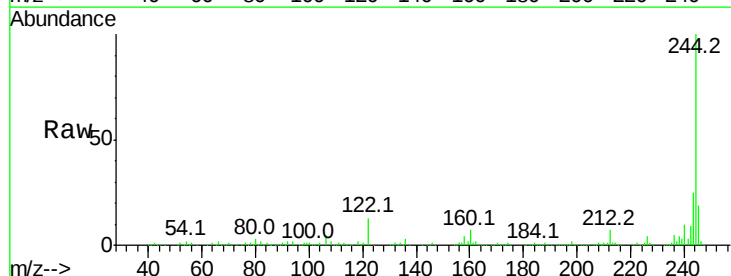
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 224928
 Ion Ratio Lower Upper
 240 100
 120 15.4 5.8 8.8#
 236 24.9 20.5 30.7



#78
 Terphenyl-d14
 Concen: 68.99 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095310.D
 Acq: 22 May 2017 13:06

Tgt Ion:244 Resp: 704566
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.2 10.3 15.5

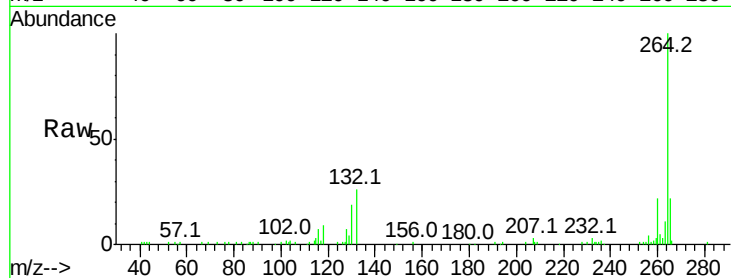




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095310.D
 Acq: 22 May 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.5	29.3
265	22.3	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

