

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095096.D
 Acq On : 11 May 2017 23:53
 Operator : SJ/MA
 Sample : I3087-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 12 03:00:11 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

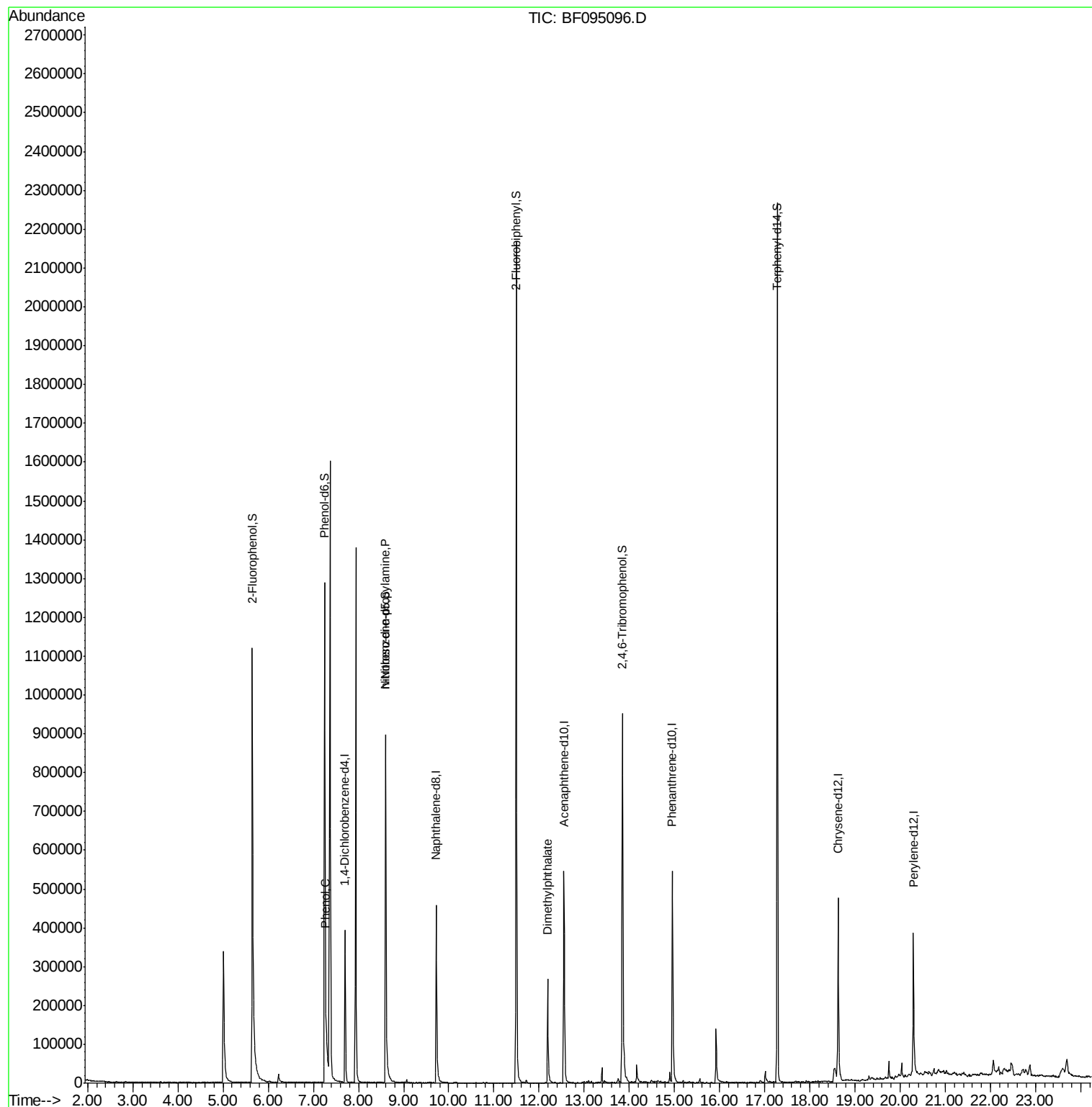
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	85175	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	363469	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	172777	20.00	ng	-0.03
63) Phenanthrene-d10	14.95	188	332039	20.00	ng	-0.03
75) Chrysene-d12	18.62	240	238660	20.00	ng	-0.03
86) Perylene-d12	20.29	264	185519	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	640469	125.37	ng	-0.03
7) Phenol-d6	7.25	99	797396	130.09	ng	-0.03
23) Nitrobenzene-d5	8.60	82	470593	81.64	ng	-0.04
41) 2,4,6-Tribromophenol	13.85	330	181475	128.25	ng	-0.04
44) 2-Fluorobiphenyl	11.49	172	988925	82.38	ng	-0.04
78) Terphenyl-d14	17.28	244	870465	80.33	ng	-0.03
Target Compounds						
10) Phenol	7.27	94	13763	2.13	ng	# 48
19) n-Nitroso-di-n-propylamine	8.60	70	58268	14.06	ng	# 75
49) Dimethylphthalate	12.19	163	182507	12.87	ng	99

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

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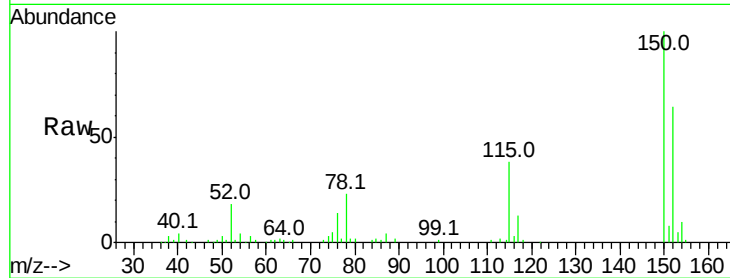


#1

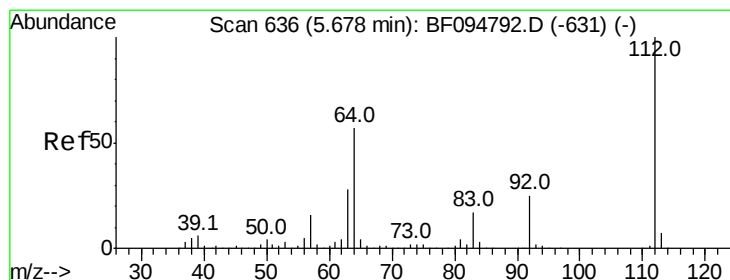
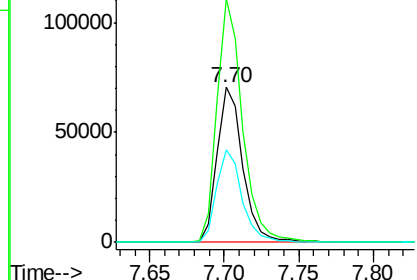
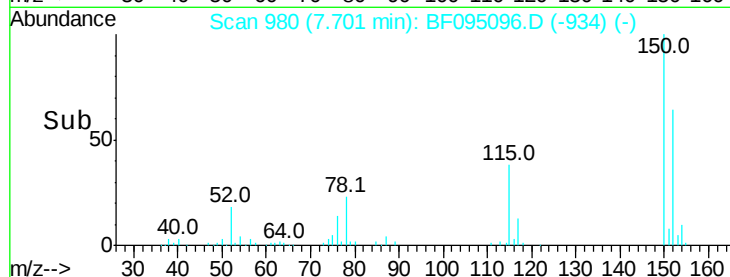
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF095096.D
Acq: 11 May 2017 23:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 85175
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 59.4 52.2 78.2



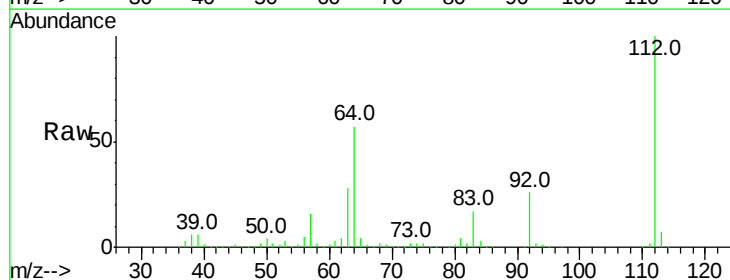
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



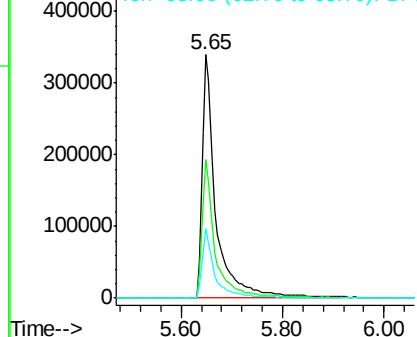
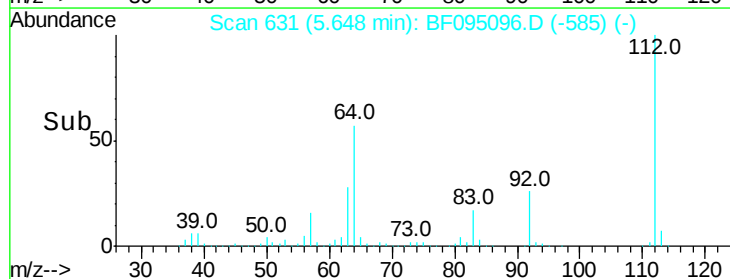
#5

2-Fluorophenol
Concen: 125.37 ng
RT: 5.65 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF095096.D
Acq: 11 May 2017 23:53

Tgt Ion:112 Resp: 640469
Ion Ratio Lower Upper
112 100
64 57.1 46.0 69.0
63 28.4 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: 130.09 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF095096.D

Acq: 11 May 2017 23:53

Instrument :

BNA_F

ClientSampleId :

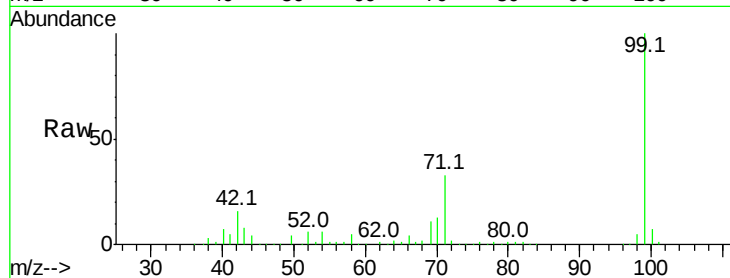
Tot Ion: 99 Resp: 797396

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

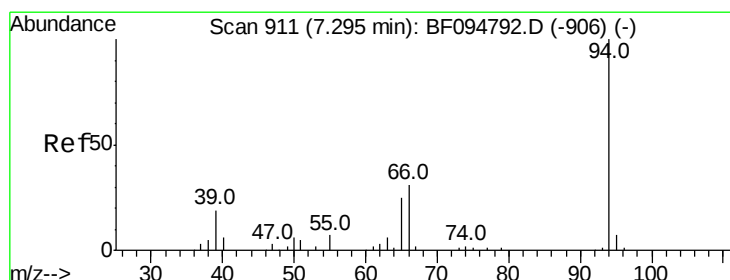
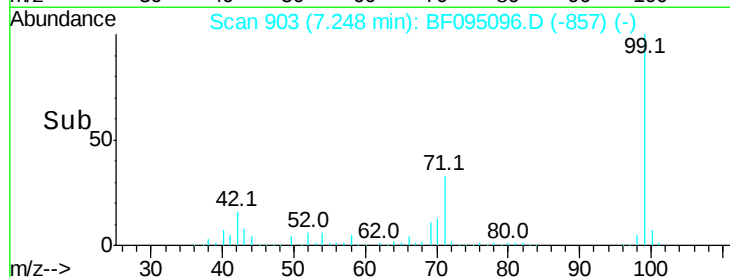
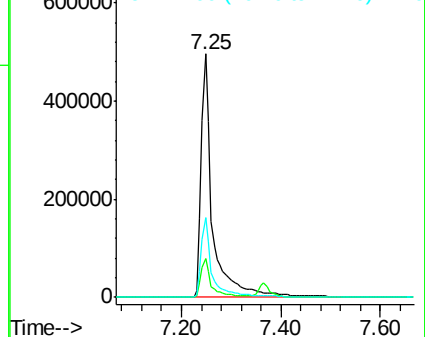
71 33.0 24.5 36.7



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: 2.13 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF095096.D

Acq: 11 May 2017 23:53

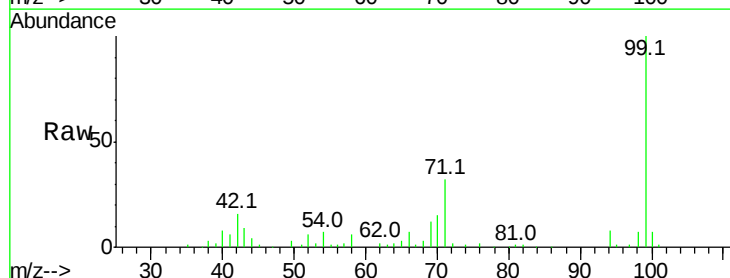
Tgt Ion: 94 Resp: 13763

Ion Ratio Lower Upper

94 100

65 37.7 9.9 49.9

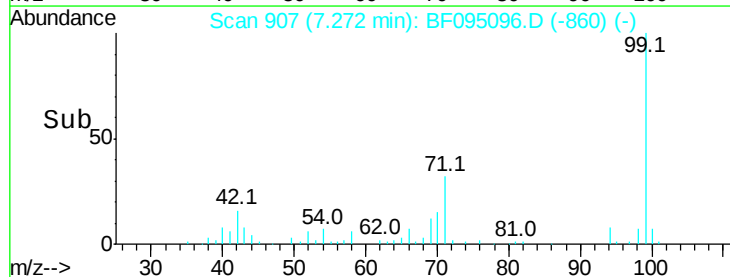
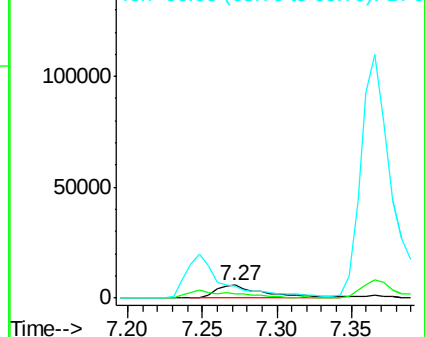
66 92.6 23.1 63.1#

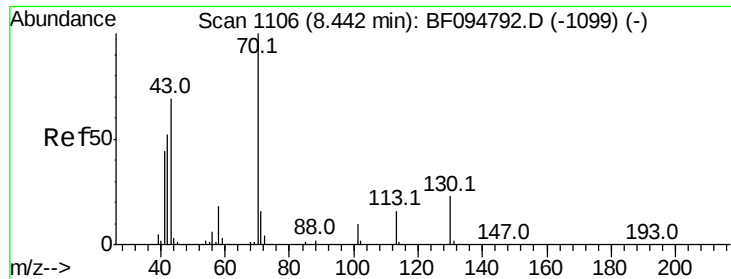


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

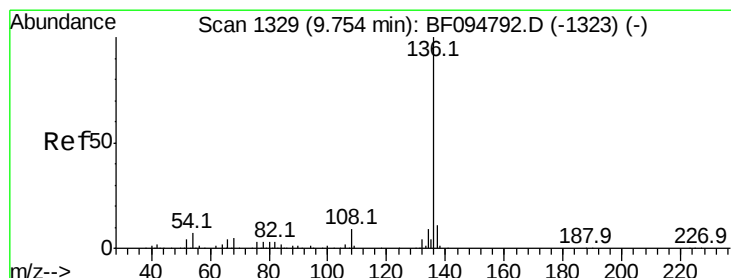
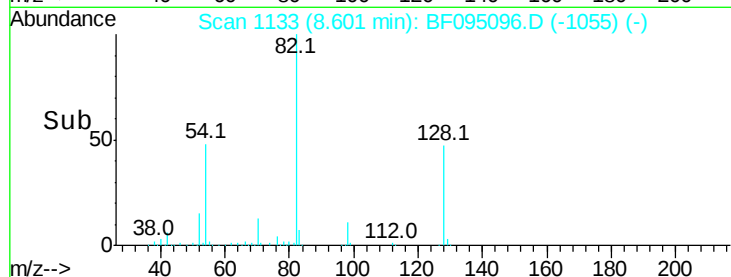
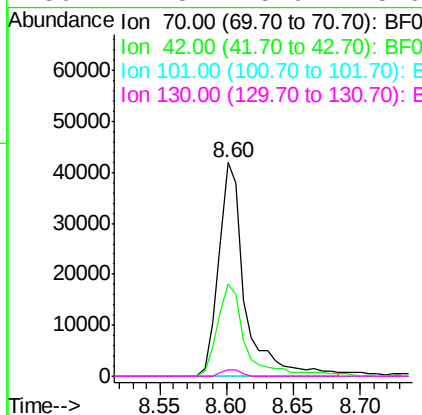
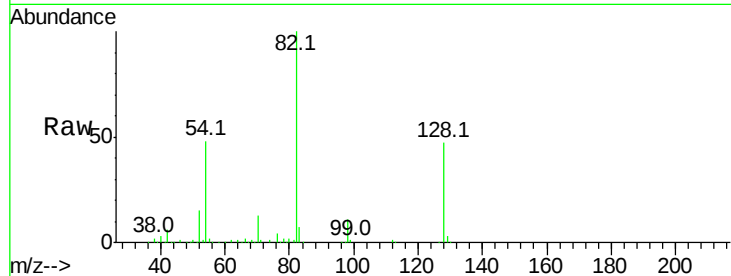




#19
n-Nitroso-di-n-propylamine
Concen: 14.06 ng
RT: 8.60 min Scan# 1133
Delta R.T. 0.16 min
Lab File: BF095096.D
Acq: 11 May 2017 23:53

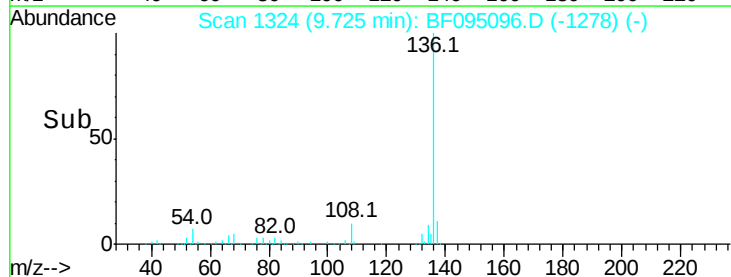
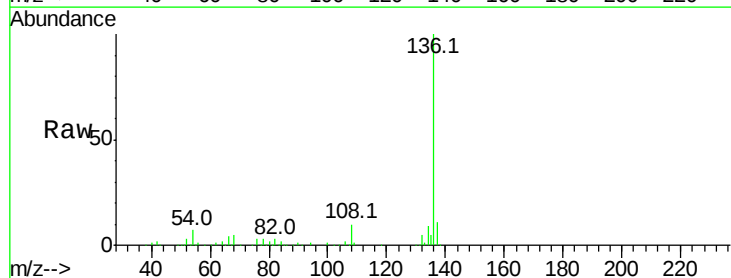
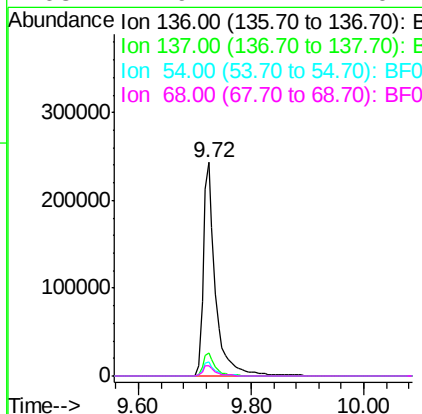
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 58268
Ion Ratio Lower Upper
70 100
42 43.2 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: 9.72 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BF095096.D
Acq: 11 May 2017 23:53

Tgt Ion:136 Resp: 363469
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 6.5 4.9 7.3
68 4.9 4.1 6.1

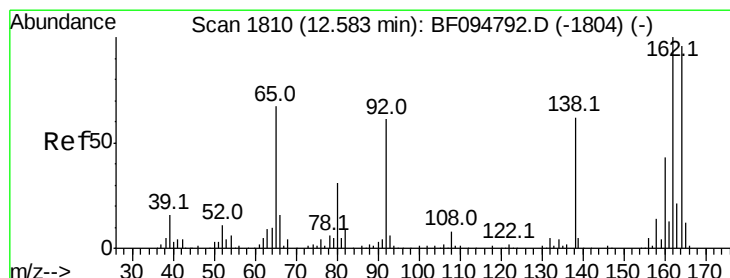
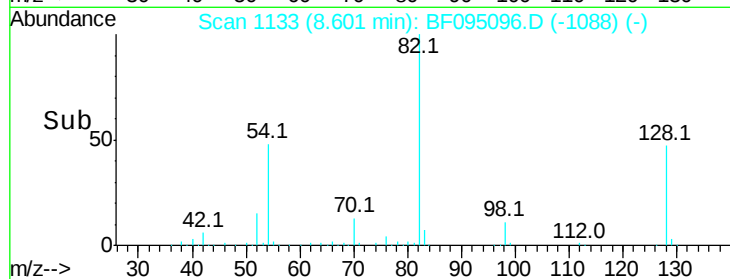
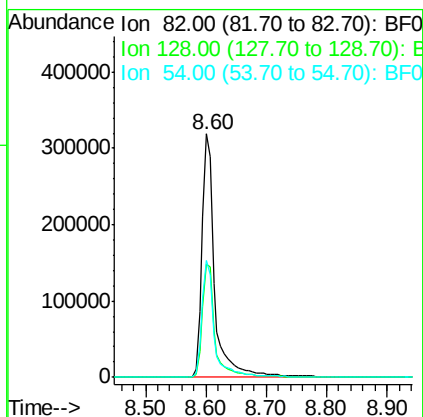
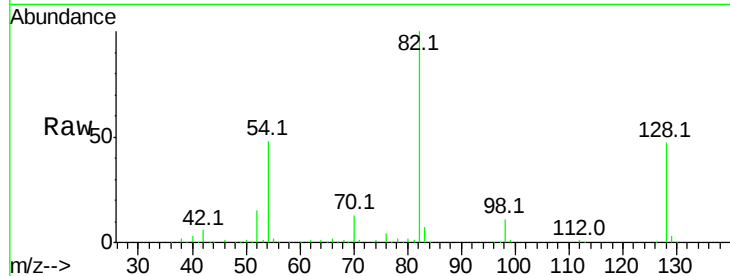




#23
Nitrobenzene-d5
Concen: 81.64 ng
RT: 8.60 min Scan# 1133
Delta R.T. -0.04 min
Lab File: BF095096.D
Acq: 11 May 2017 23:53

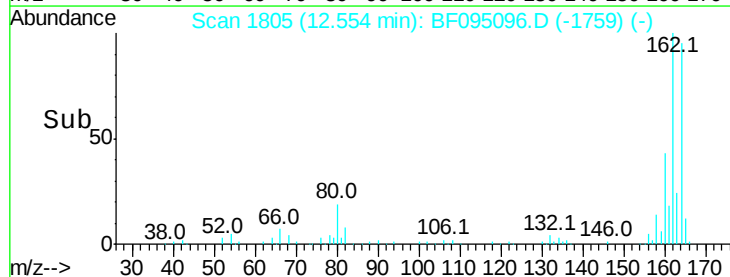
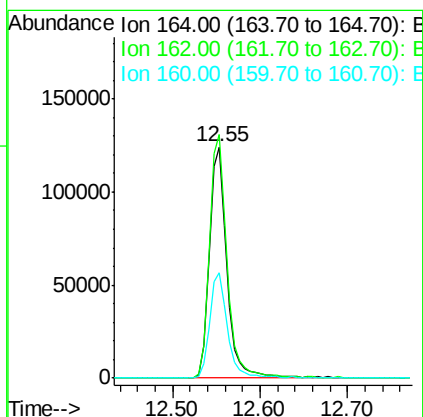
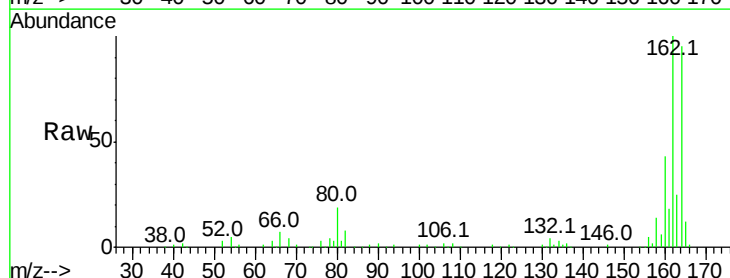
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 470593
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 47.8 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: BF095096.D
Acq: 11 May 2017 23:53

Tgt Ion:164 Resp: 172777
Ion Ratio Lower Upper
164 100
162 105.3 82.6 123.8
160 45.7 36.2 54.2

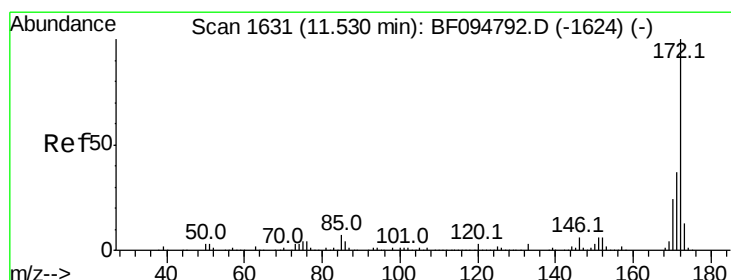
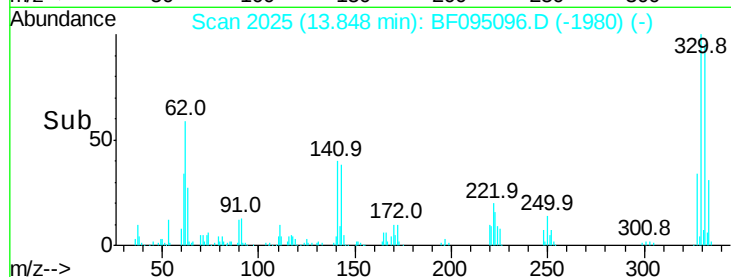
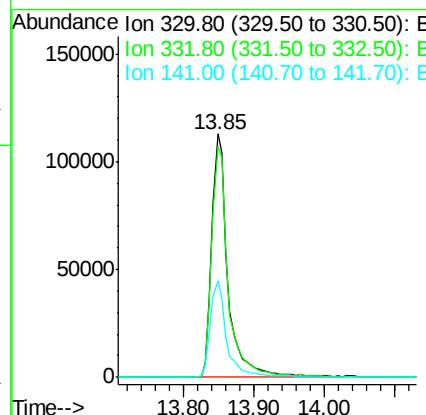
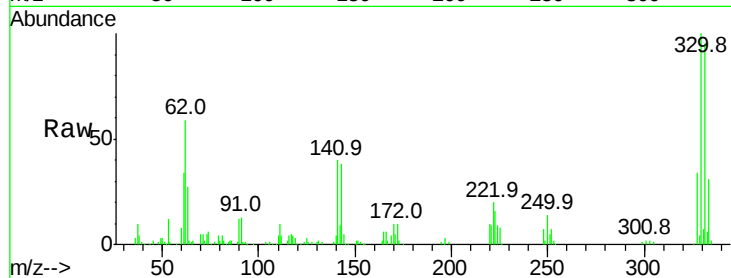




#41
 2,4,6-Tribromophenol
 Concen: 128.25 ng
 RT: 13.85 min Scan# 2025
 Delta R.T. -0.04 min
 Lab File: BF095096.D
 Acq: 11 May 2017 23:53

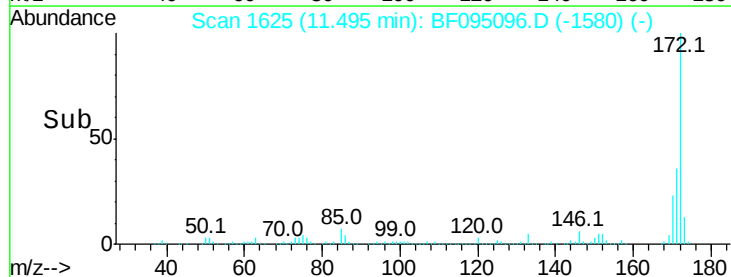
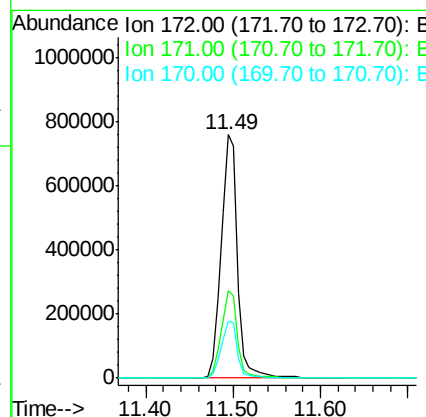
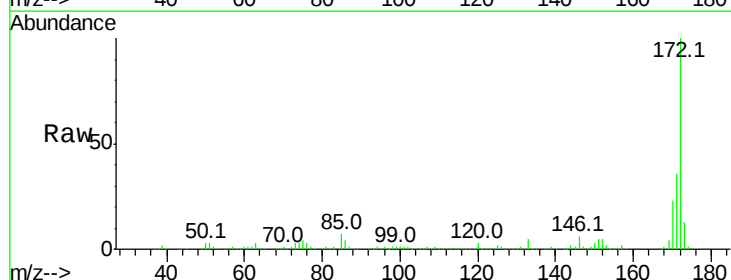
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	39.8	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 82.38 ng
 RT: 11.49 min Scan# 1625
 Delta R.T. -0.04 min
 Lab File: BF095096.D
 Acq: 11 May 2017 23:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.3	19.8	29.8





#49

Dimethylphthalate

Concen: 12.87 ng

RT: 12.19 min Scan# 1743

Delta R.T. -0.04 min

Lab File: BF095096.D

Acq: 11 May 2017 23:53

Instrument :

BNA_F

ClientSampleId :

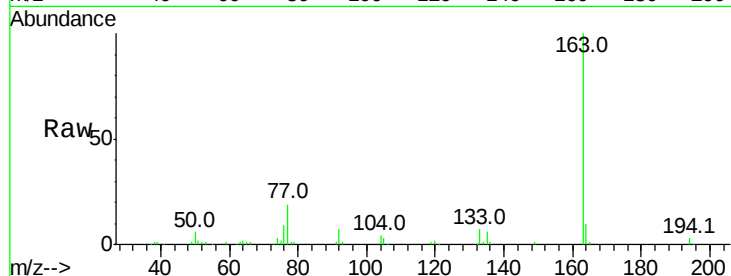
Tot Ion:163 Resp: 182507

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

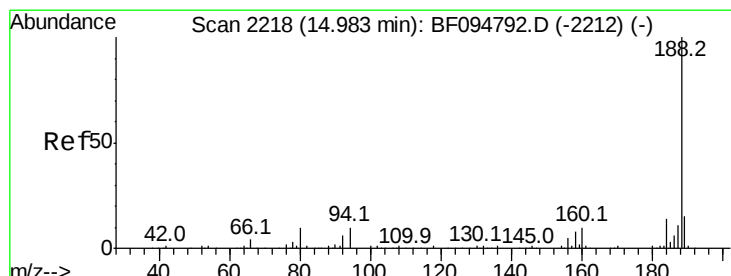
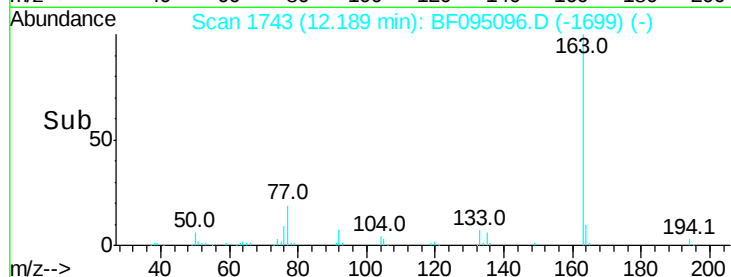
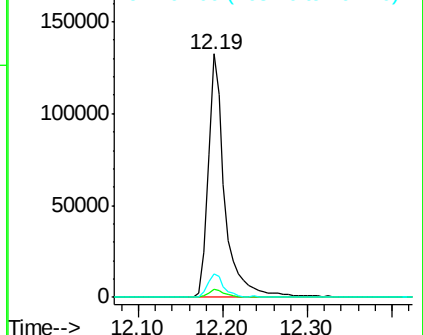
164 9.8 8.4 12.6



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: BF095096.D

Acq: 11 May 2017 23:53

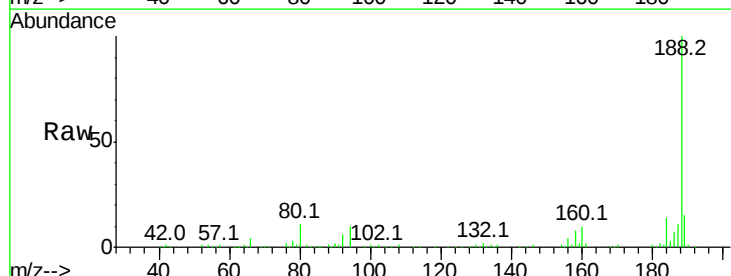
Tgt Ion:188 Resp: 332039

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

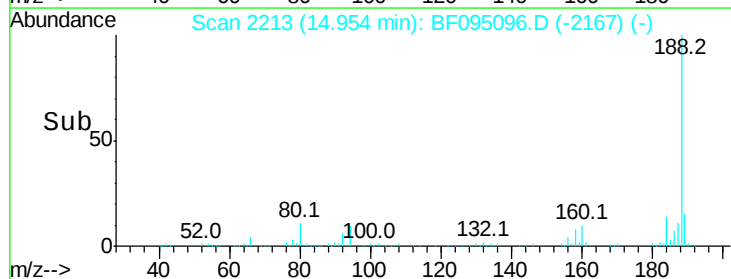
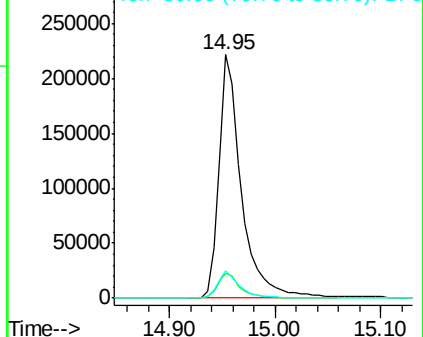
80 11.3 10.2 15.2



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: BF095096.D

Acq: 11 May 2017 23:53

Instrument :

BNA_F

ClientSampleId :

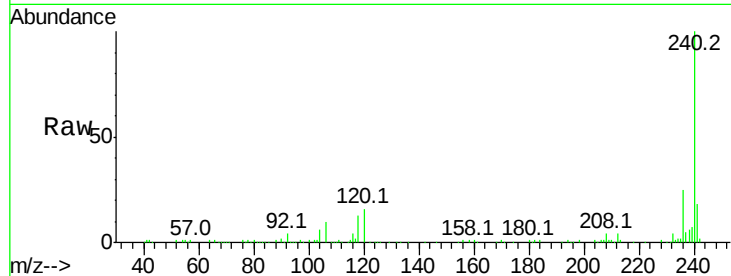
Tot Ion:240 Resp: 238660

Ion Ratio Lower Upper

240 100

120 15.8 5.8 8.8#

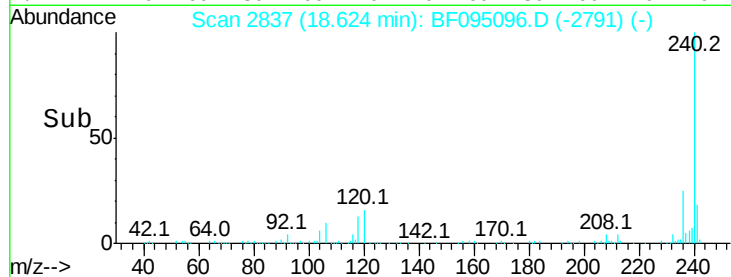
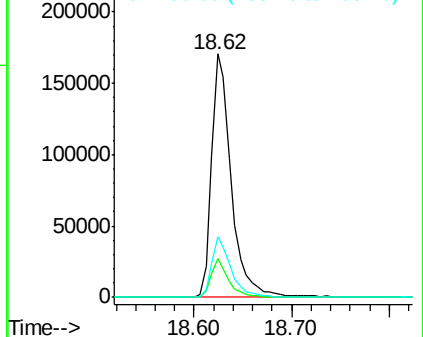
236 24.8 20.5 30.7



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: 80.33 ng

RT: 17.28 min Scan# 2609

Delta R.T. -0.03 min

Lab File: BF095096.D

Acq: 11 May 2017 23:53

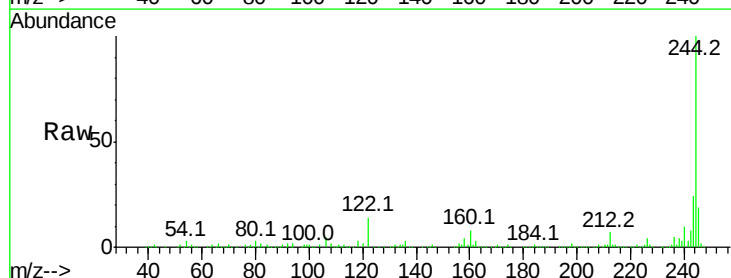
Tgt Ion:244 Resp: 870465

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

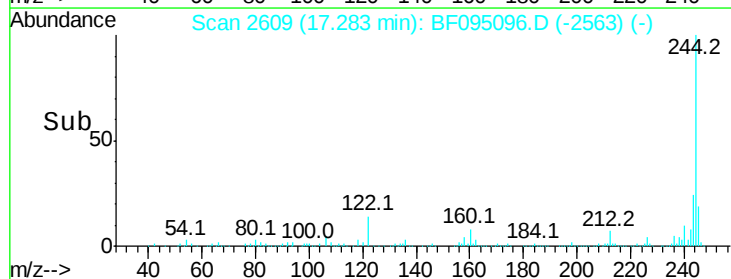
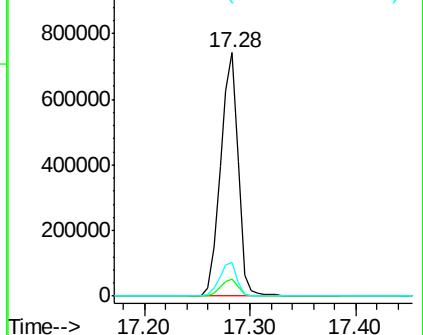
122 13.8 10.3 15.5

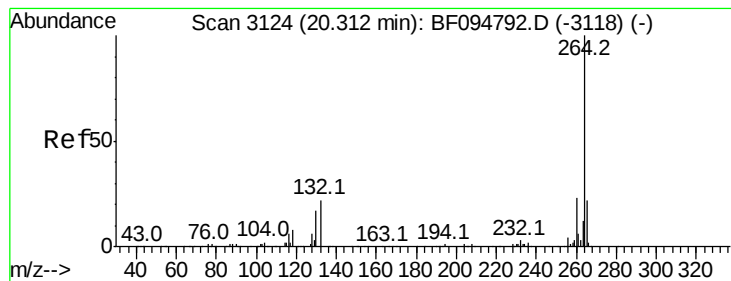


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

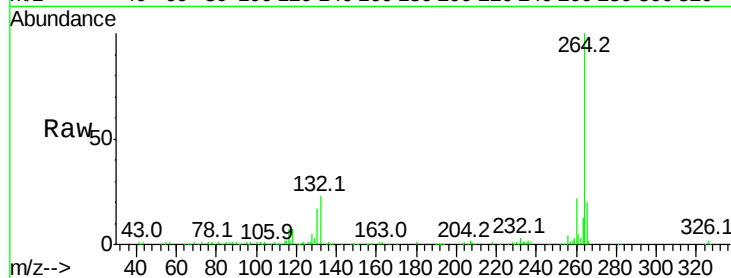




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095096.D
Acq: 11 May 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	20.4	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

