

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095131.D
 Acq On : 15 May 2017 18:10
 Operator : SJ/MA
 Sample : I3141-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 16 05:57:00 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

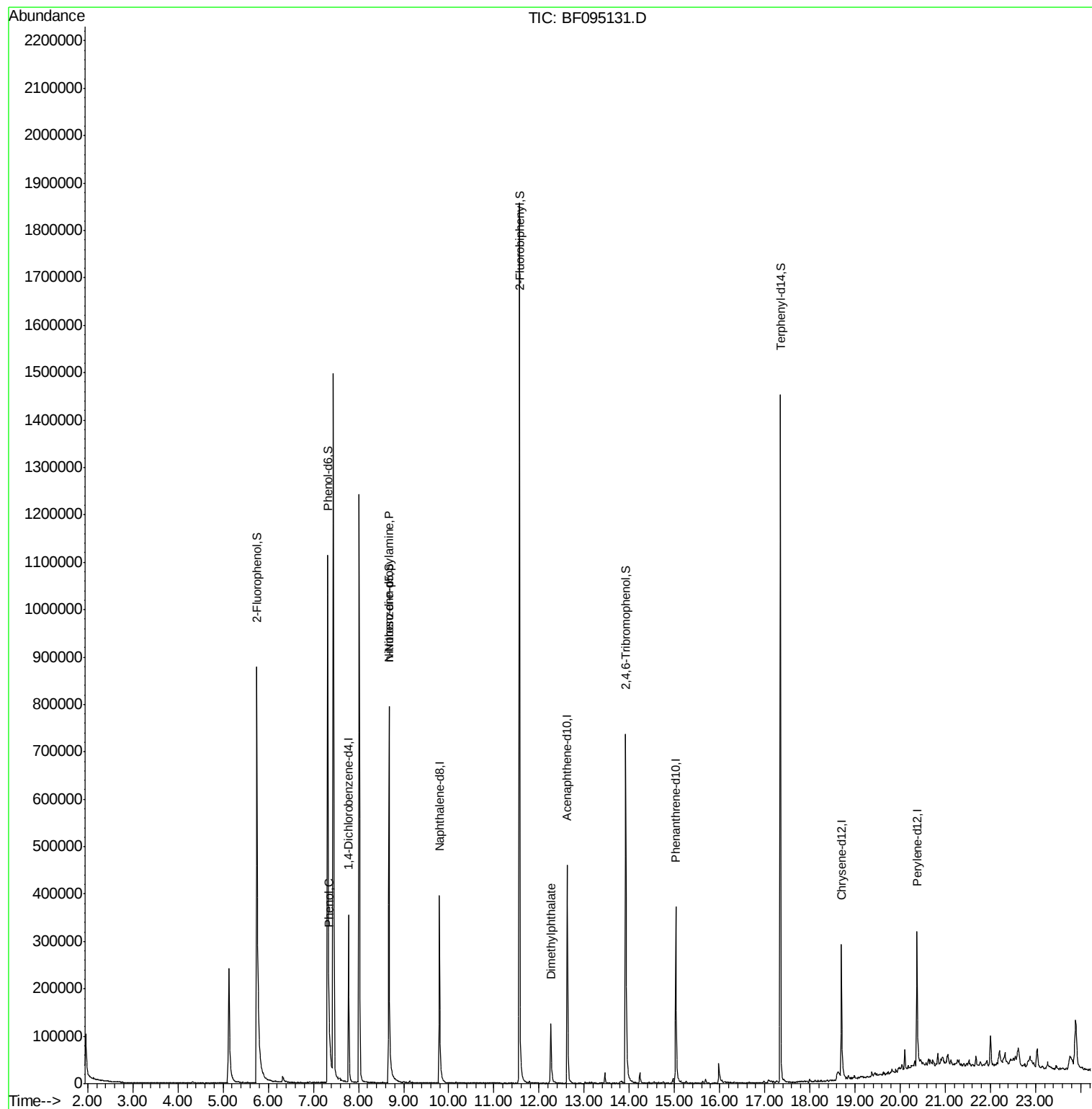
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	78151	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	307854	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	142085	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	231863	20.00	ng	0.05
75) Chrysene-d12	18.70	240	150748	20.00	ng	0.05
86) Perylene-d12	20.37	264	151118	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	578101	123.33	ng	0.06
7) Phenol-d6	7.32	99	700111	124.48	ng	0.04
23) Nitrobenzene-d5	8.68	82	405843	83.13	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	139975	120.29	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	833475	84.43	ng	0.04
78) Terphenyl-d14	17.35	244	547855	80.05	ng	0.04
Target Compounds						
10) Phenol	7.34	94	12667	2.14	ng	# 57
19) n-Nitroso-di-n-propylamine	8.68	70	49564	13.03	ng	# 76
49) Dimethylphthalate	12.26	163	110100	9.44	ng	98

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

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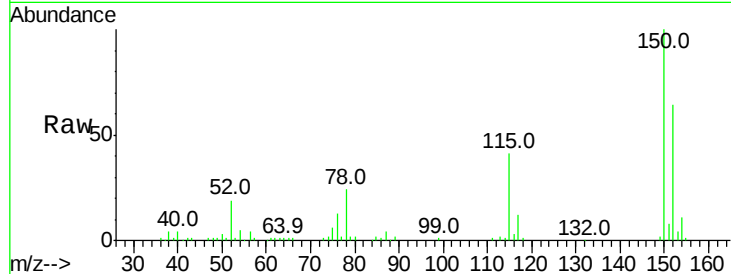


#1

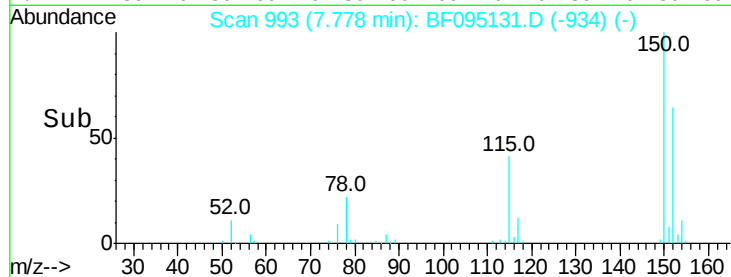
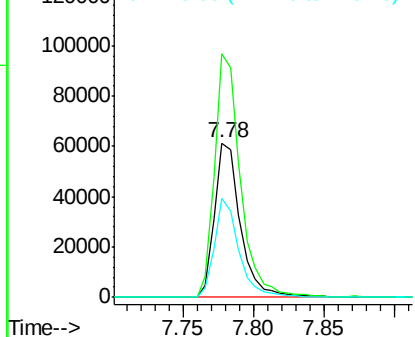
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095131.D
Acq: 15 May 2017 18:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78151
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 64.2 52.2 78.2



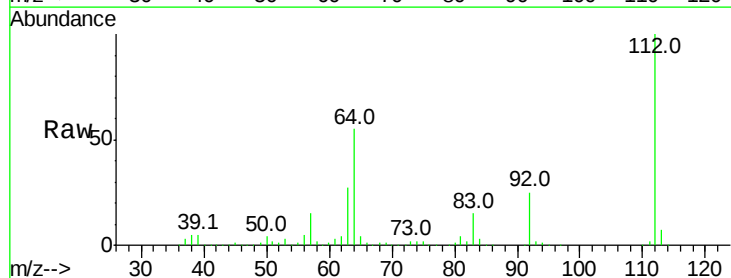
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



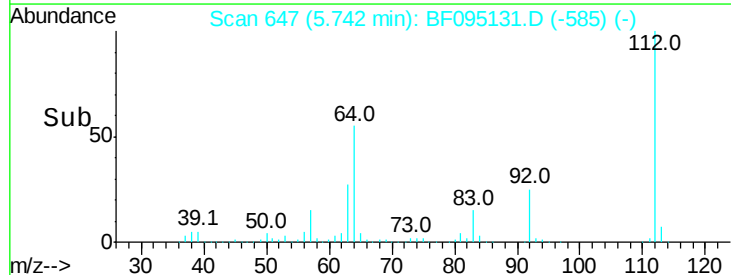
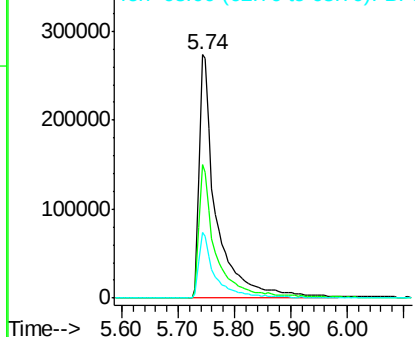
#5

2-Fluorophenol
Concen: 123.33 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.06 min
Lab File: BF095131.D
Acq: 15 May 2017 18:10

Tgt Ion:112 Resp: 578101
Ion Ratio Lower Upper
112 100
64 54.9 46.0 69.0
63 26.7 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: 124.48 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095131.D

Acq: 15 May 2017 18:10

Instrument :

BNA_F

ClientSampled :

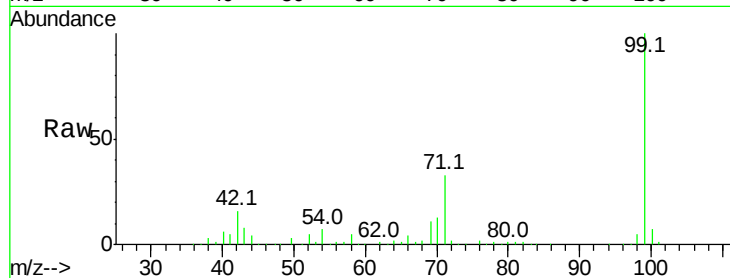
Tot Ion: 99 Resp: 700111

Ion Ratio Lower Upper

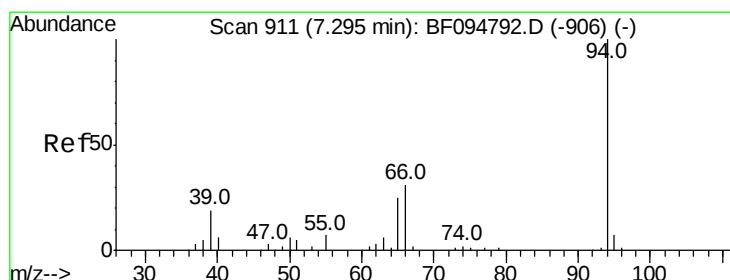
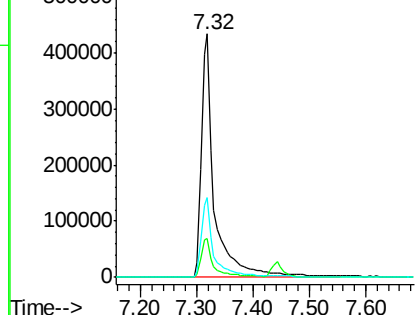
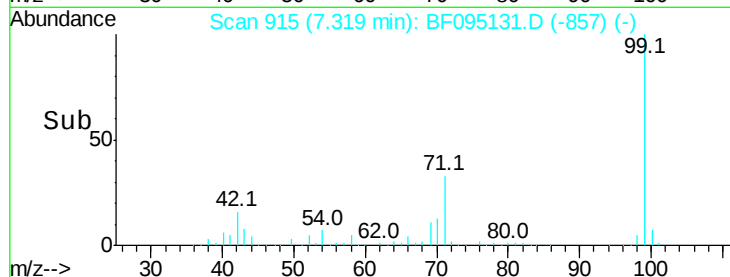
99 100

42 15.7 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: 2.14 ng

RT: 7.34 min Scan# 919

Delta R.T. 0.05 min

Lab File: BF095131.D

Acq: 15 May 2017 18:10

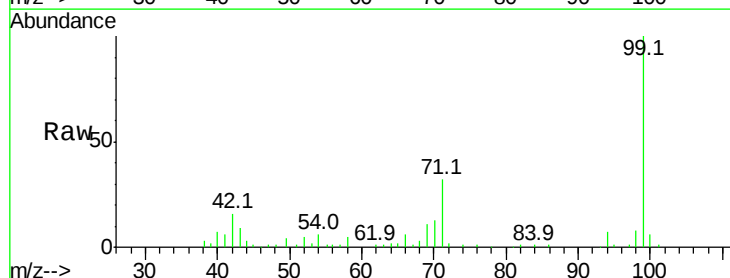
Tgt Ion: 94 Resp: 12667

Ion Ratio Lower Upper

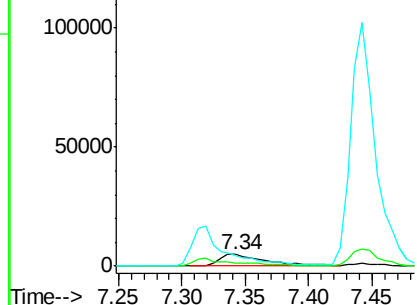
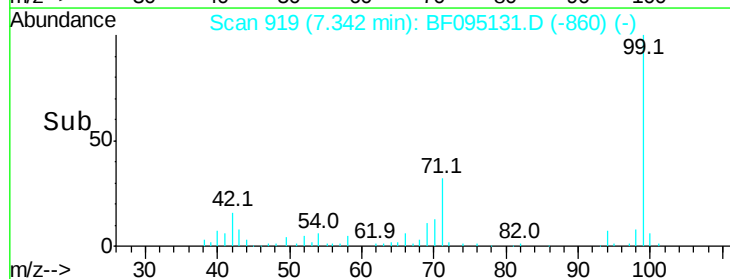
94 100

65 28.2 9.9 49.9

66 88.4 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

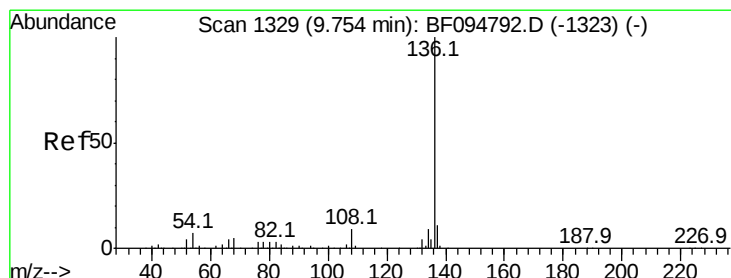
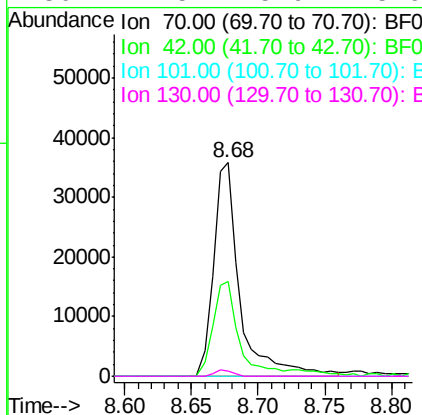
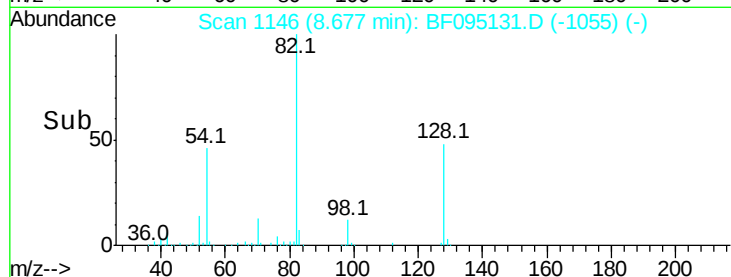
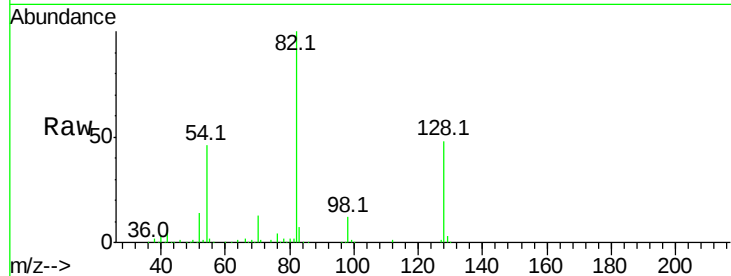




#19
n-Nitroso-di-n-propylamine
Concen: 13.03 ng
RT: 8.68 min Scan# 1146
Delta R.T. 0.24 min
Lab File: BF095131.D
Acq: 15 May 2017 18:10

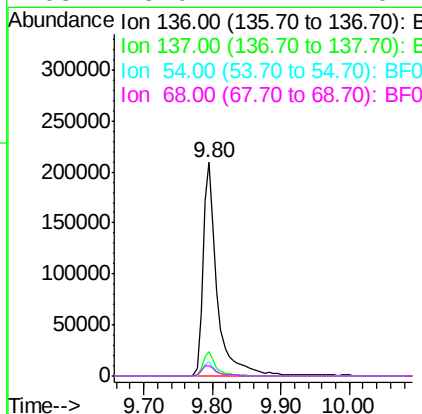
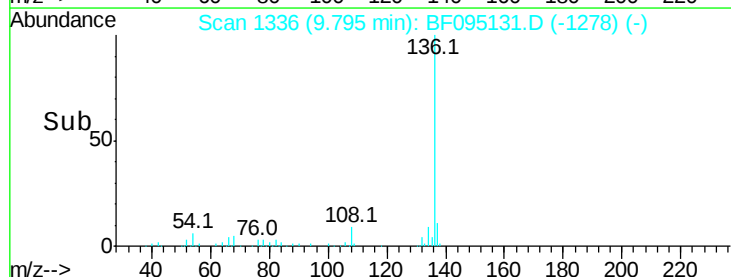
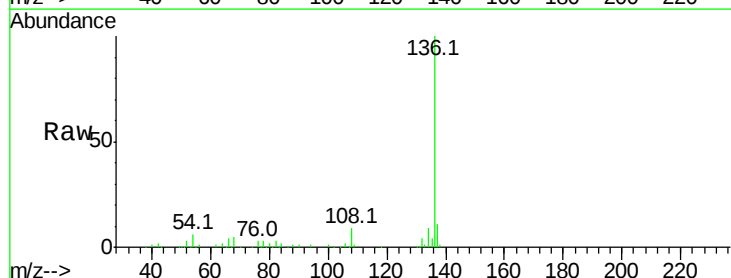
Instrument :
BNA_F
ClientSampled :

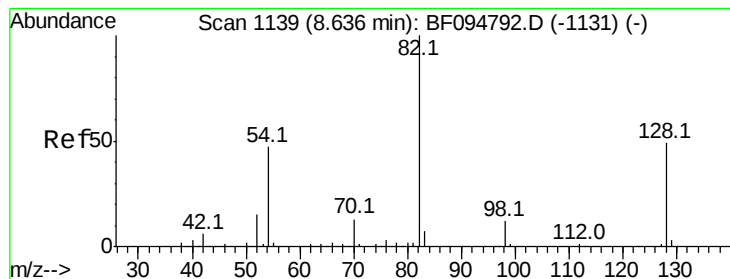
Tot Ion: 70 Resp: 49564
Ion Ratio Lower Upper
70 100
42 44.2 47.2 70.8#
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.80 min Scan# 1336
Delta R.T. 0.04 min
Lab File: BF095131.D
Acq: 15 May 2017 18:10

Tgt Ion: 136 Resp: 307854
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 6.3 4.9 7.3
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 83.13 ng

RT: 8.68 min Scan# 1146

Delta R.T. 0.04 min

Lab File: BF095131.D

Acq: 15 May 2017 18:10

Instrument :

BNA_F

ClientSampleId :

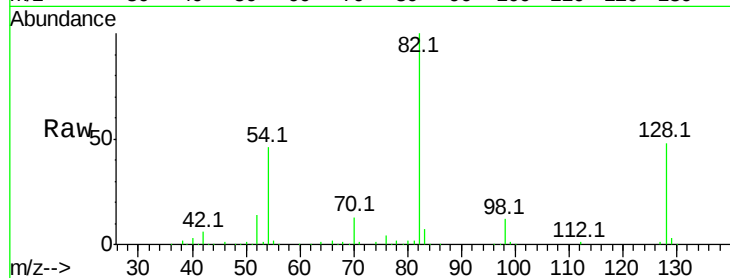
Tot Ion: 82 Resp: 405843

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

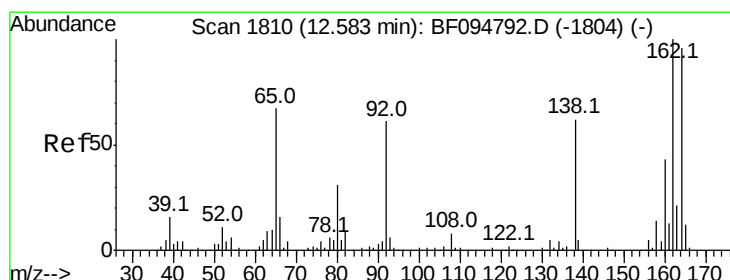
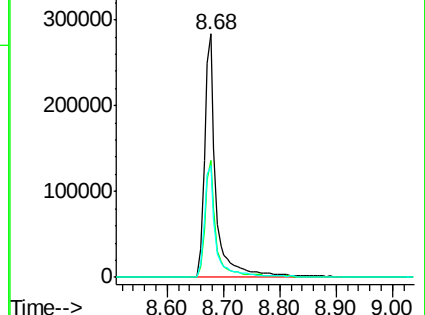
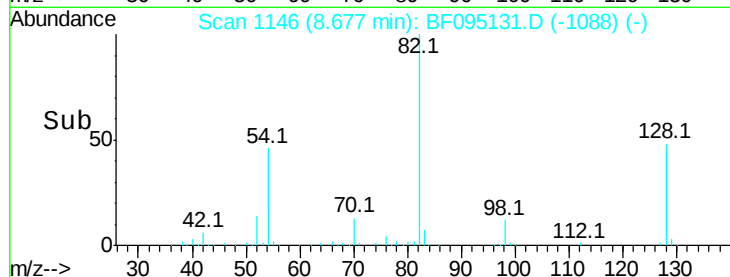
54 45.8 42.2 63.2



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: 12.62 min Scan# 1817

Delta R.T. 0.04 min

Lab File: BF095131.D

Acq: 15 May 2017 18:10

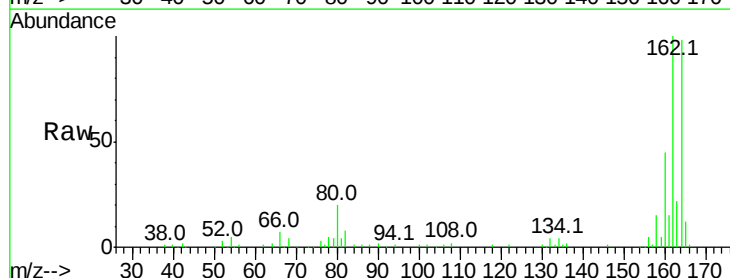
Tgt Ion:164 Resp: 142085

Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

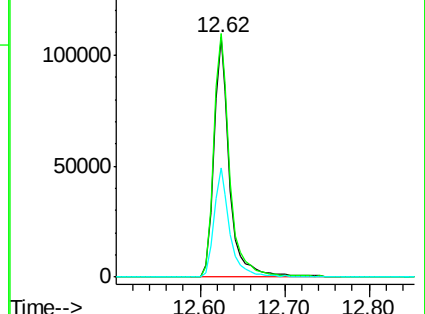
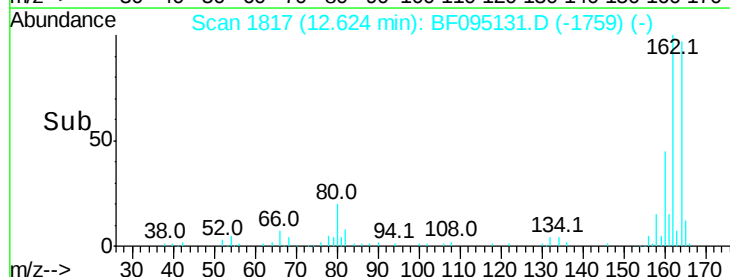
160 45.3 36.2 54.2



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

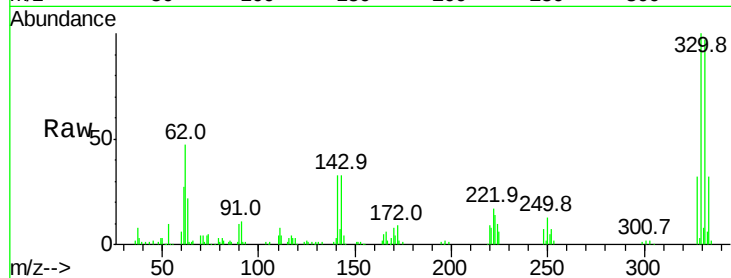




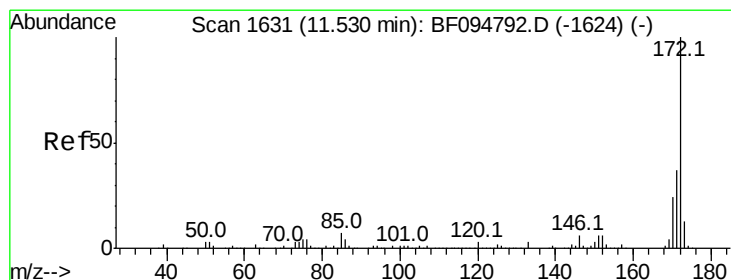
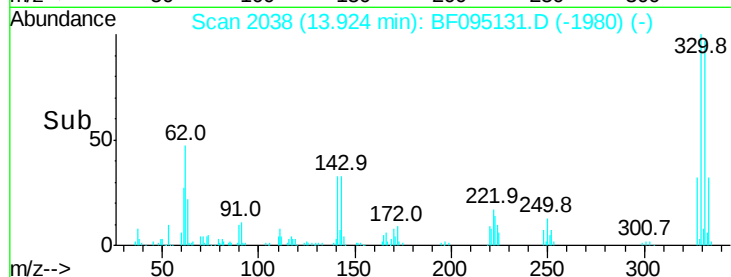
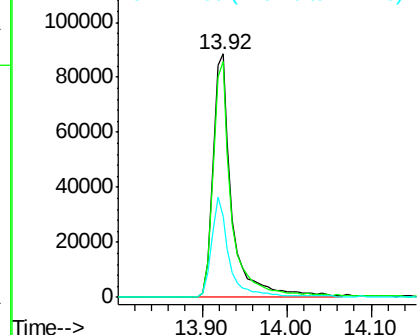
#41
 2,4,6-Tribromophenol
 Concen: 120.29 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095131.D
 Acq: 15 May 2017 18:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	76.6	115.0
141	38.0	31.4	47.2

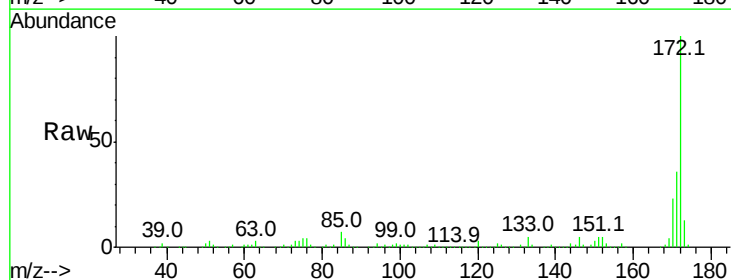


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

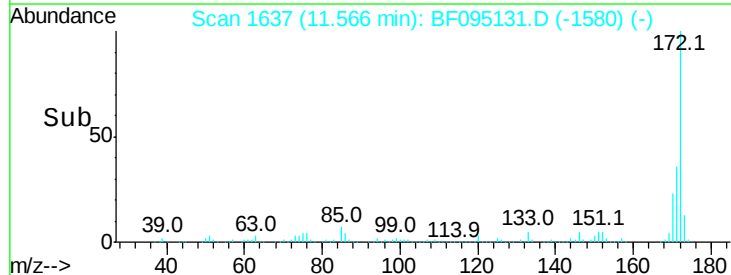
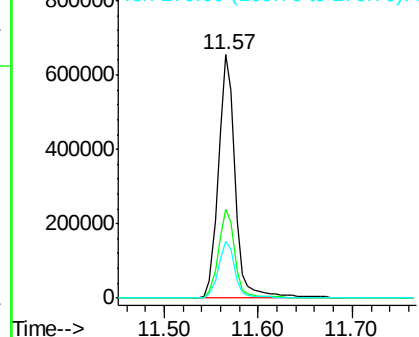


#44
 2-Fluorobiphenyl
 Concen: 84.43 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095131.D
 Acq: 15 May 2017 18:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.3	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: 9.44 ng

RT: 12.26 min Scan# 1755

Delta R.T. 0.03 min

Lab File: BF095131.D

Acq: 15 May 2017 18:10

Instrument :

BNA_F

ClientSampleId :

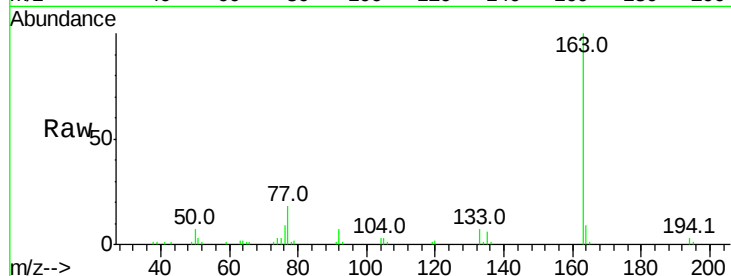
Tot Ion:163 Resp: 110100

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

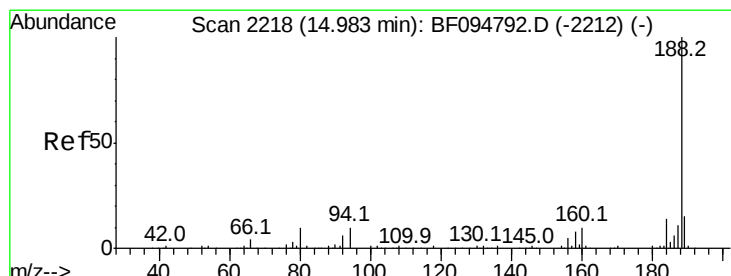
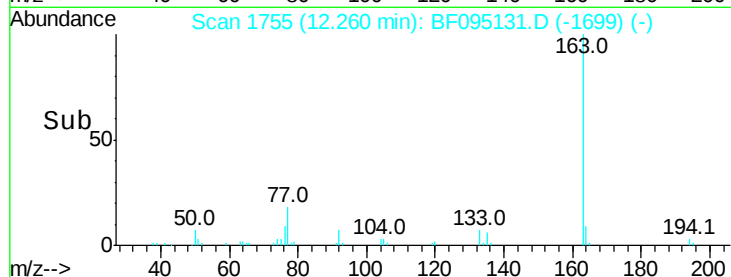
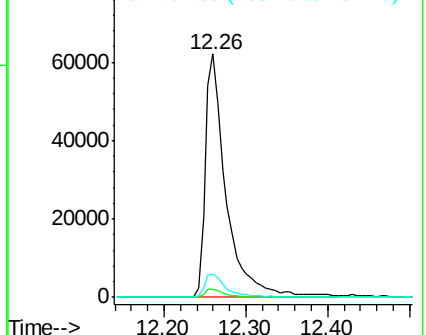
164 9.5 8.4 12.6



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: 15.03 min Scan# 2226

Delta R.T. 0.05 min

Lab File: BF095131.D

Acq: 15 May 2017 18:10

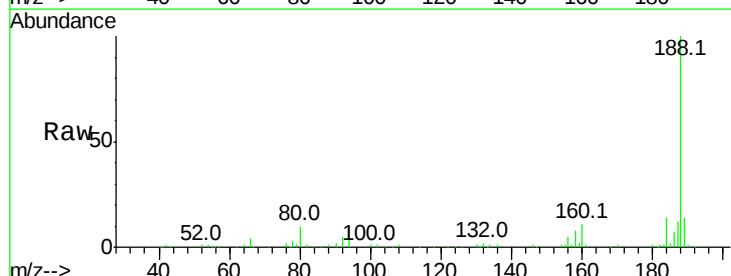
Tgt Ion:188 Resp: 231863

Ion Ratio Lower Upper

188 100

94 9.6 9.4 14.2

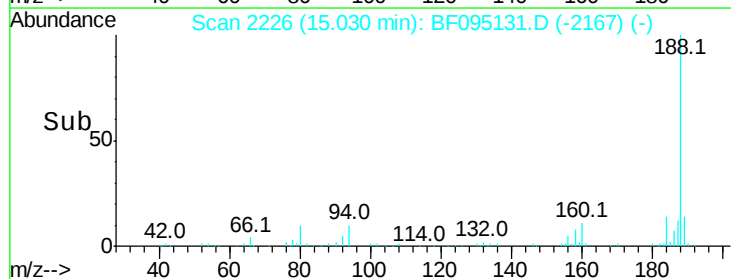
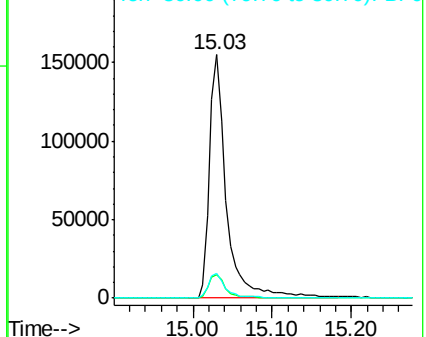
80 10.3 10.2 15.2



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

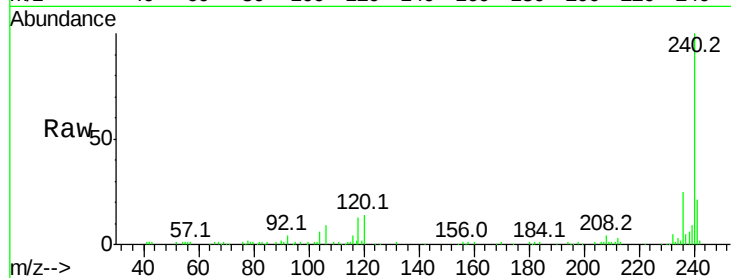




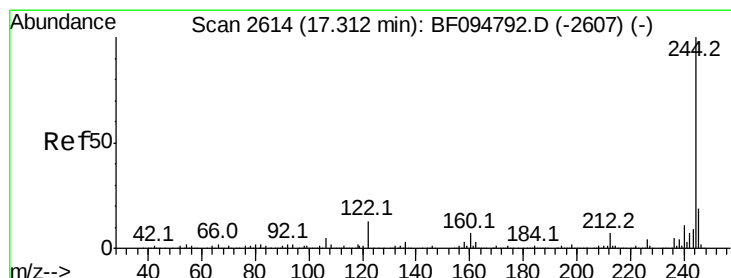
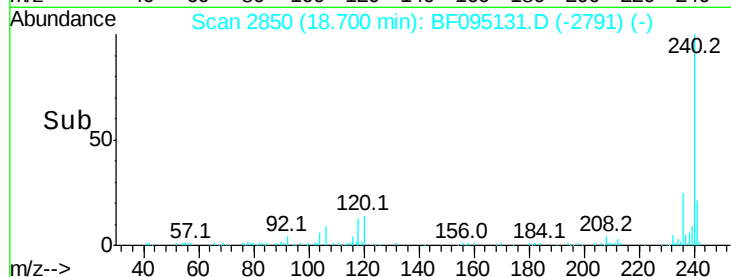
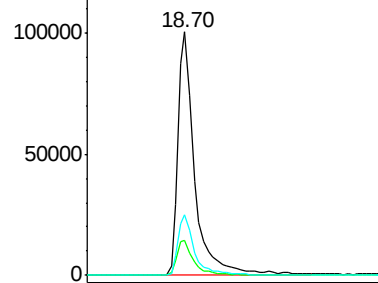
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. 0.05 min
 Lab File: BF095131.D
 Acq: 15 May 2017 18:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:240 Resp: 150748
 Ion Ratio Lower Upper
 240 100
 120 14.3 5.8 8.8#
 236 25.0 20.5 30.7

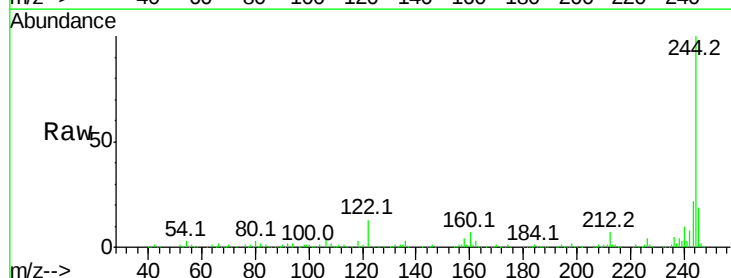


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

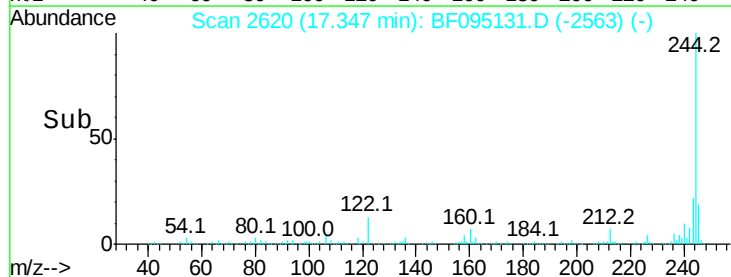
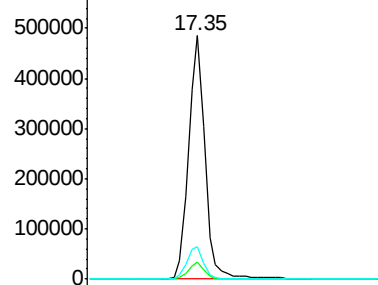


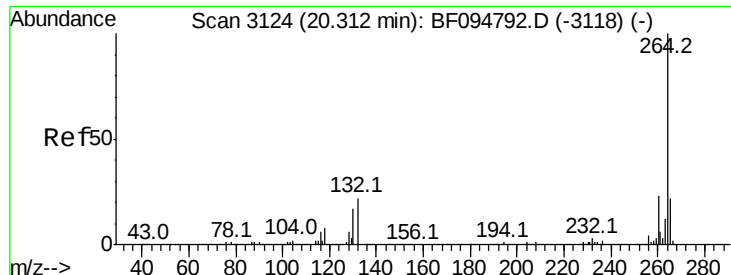
#78
 Terphenyl-d14
 Concen: 80.05 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.04 min
 Lab File: BF095131.D
 Acq: 15 May 2017 18:10

Tgt Ion:244 Resp: 547855
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.5 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

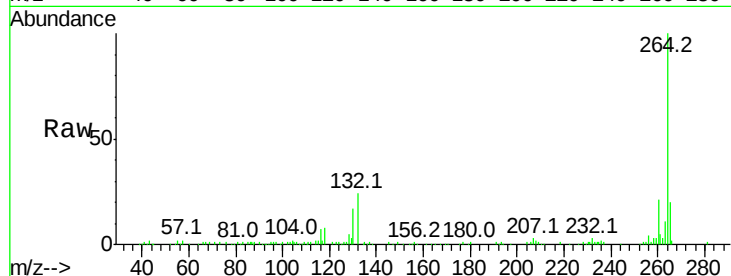




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.06 min
 Lab File: BF095131.D
 Acq: 15 May 2017 18:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.8	19.5	29.3
265	20.5	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

