

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095129.D
 Acq On : 15 May 2017 17:05
 Operator : SJ/MA
 Sample : I3121-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 16 05:56:26 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

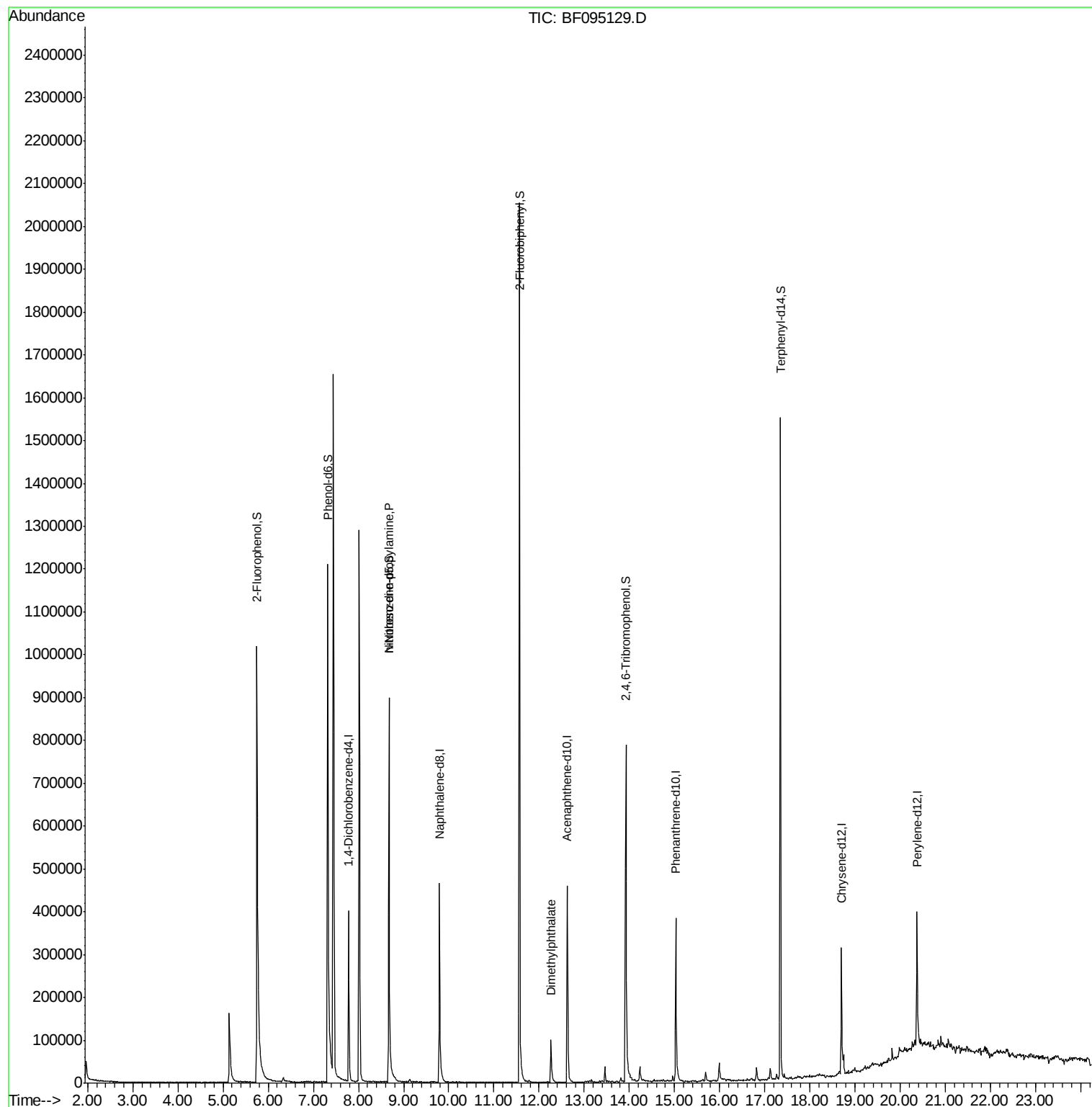
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	88440	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	346082	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	151164	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	222361	20.00	ng	0.05
75) Chrysene-d12	18.70	240	149597	20.00	ng	0.05
86) Perylene-d12	20.38	264	173294	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	643165	121.25	ng	0.07
7) Phenol-d6	7.32	99	771764	121.26	ng	0.04
23) Nitrobenzene-d5	8.68	82	455695	83.03	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	155309	125.45	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	910044	86.65	ng	0.04
78) Terphenyl-d14	17.35	244	590467	86.94	ng	0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.68	70	55765	12.95	ng	Qvalue # 78
49) Dimethylphthalate	12.26	163	88843	7.16	ng	99

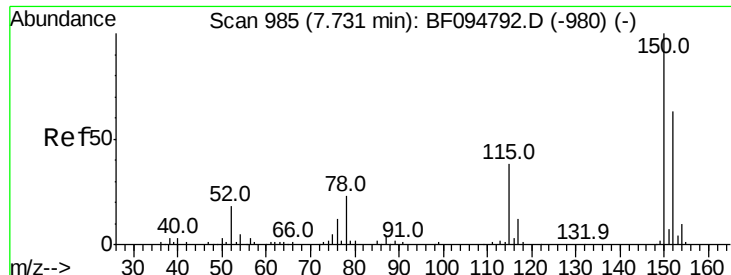
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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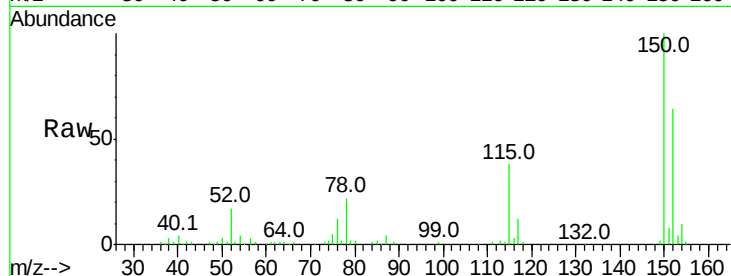


#1

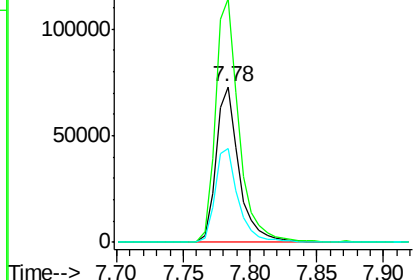
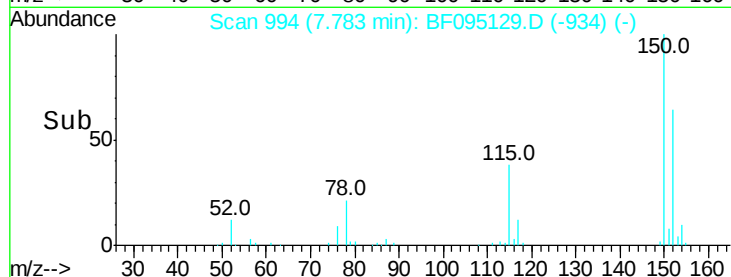
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 994
Delta R.T. 0.05 min
Lab File: BF095129.D
Acq: 15 May 2017 17:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 88440
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 60.2 52.2 78.2



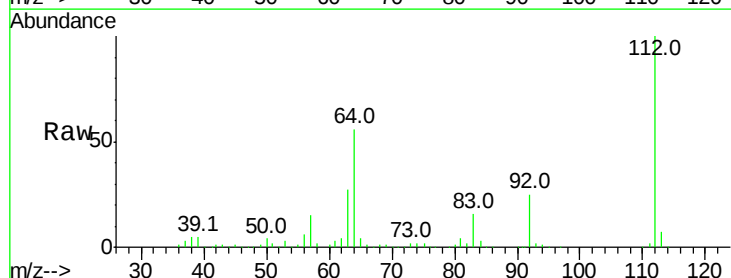
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



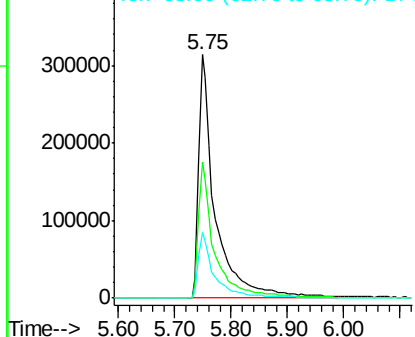
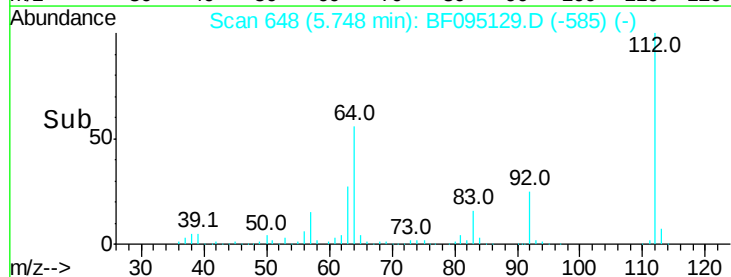
#5

2-Fluorophenol
Concen: 121.25 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.07 min
Lab File: BF095129.D
Acq: 15 May 2017 17:05

Tgt Ion:112 Resp: 643165
Ion Ratio Lower Upper
112 100
64 56.1 46.0 69.0
63 27.1 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: 121.26 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095129.D

Acq: 15 May 2017 17:05

Instrument :

BNA_F

ClientSampled :

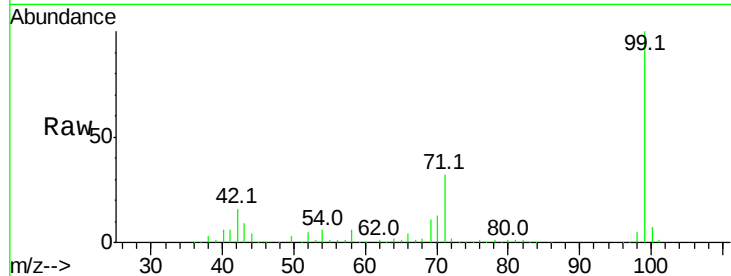
Tot Ion: 99 Resp: 771764

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

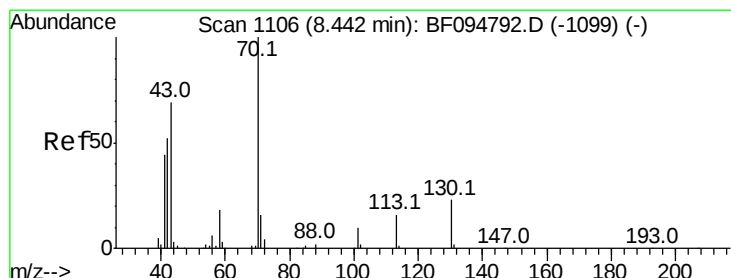
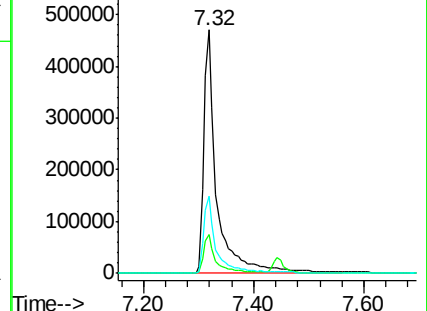
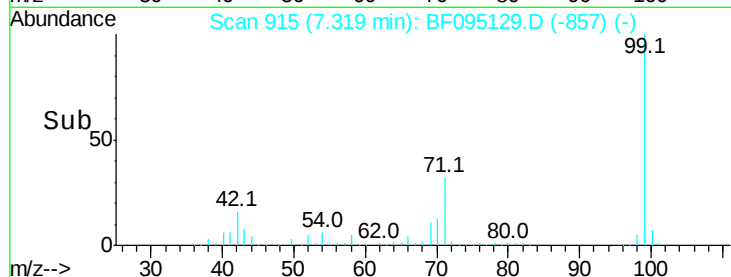
71 32.0 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.95 ng

RT: 8.68 min Scan# 1146

Delta R.T. 0.24 min

Lab File: BF095129.D

Acq: 15 May 2017 17:05

Tgt Ion: 70 Resp: 55765

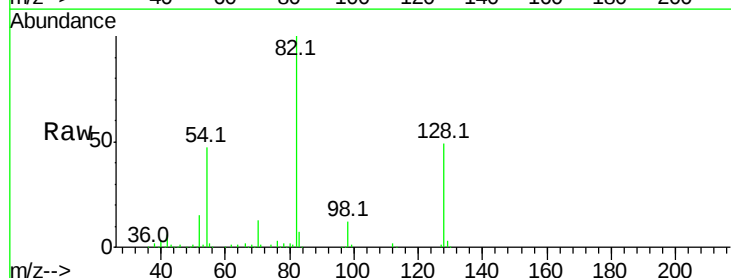
Ion Ratio Lower Upper

70 100

42 46.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

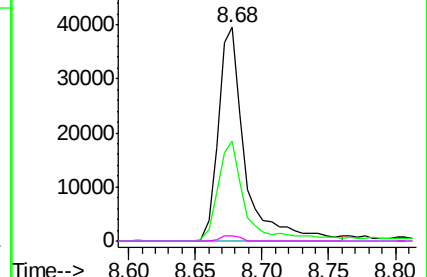
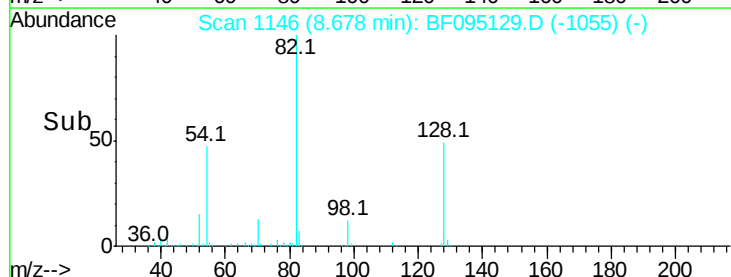


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.80 min Scan# 1336

Delta R.T. 0.04 min

Lab File: BF095129.D

Acq: 15 May 2017 17:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 346082

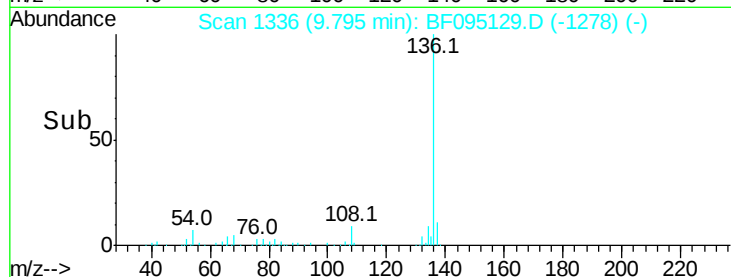
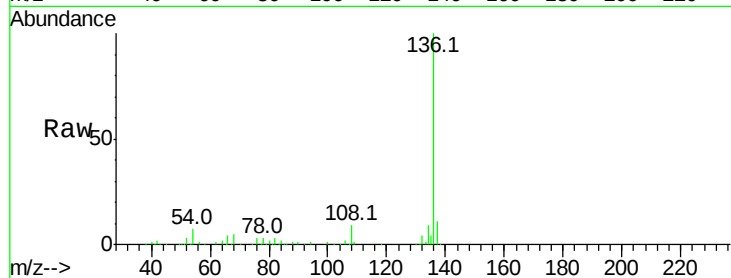
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.8 4.9 7.3

68 5.5 4.1 6.1

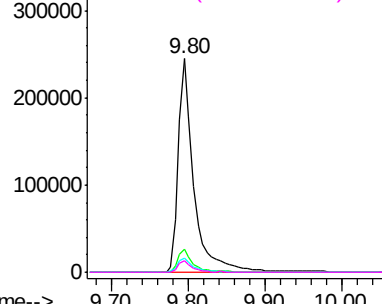


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 83.03 ng

RT: 8.68 min Scan# 1146

Delta R.T. 0.04 min

Lab File: BF095129.D

Acq: 15 May 2017 17:05

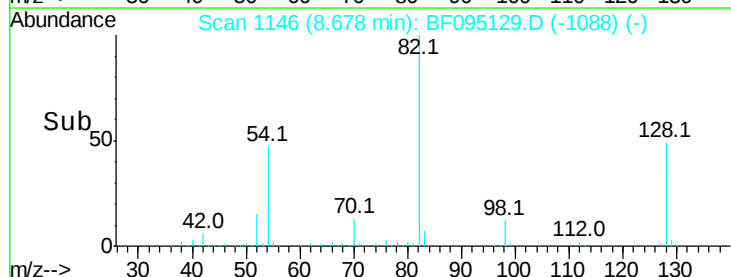
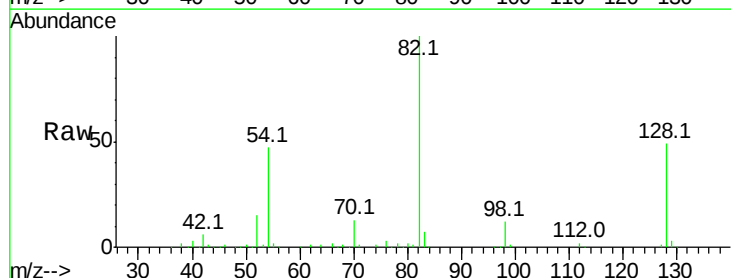
Tgt Ion: 82 Resp: 455695

Ion Ratio Lower Upper

82 100

128 48.6 34.0 51.0

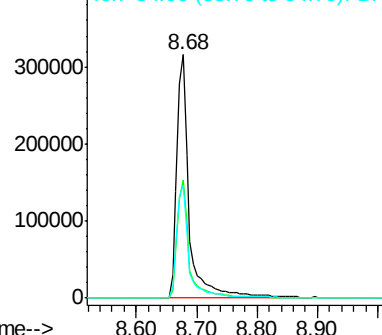
54 46.7 42.2 63.2



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: BF095129.D

Acq: 15 May 2017 17:05

Instrument :

BNA_F

ClientSampleId :

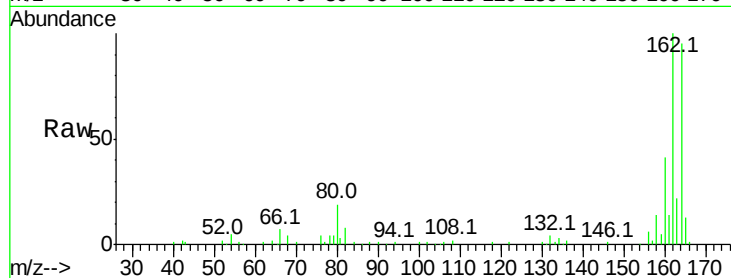
Tot Ion:164 Resp: 151164

Ion Ratio Lower Upper

164 100

162 104.7 82.6 123.8

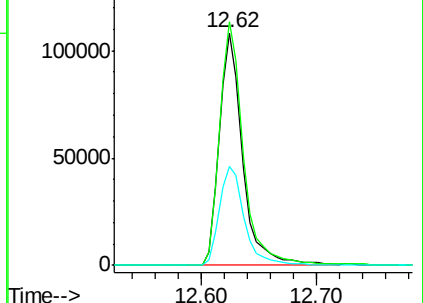
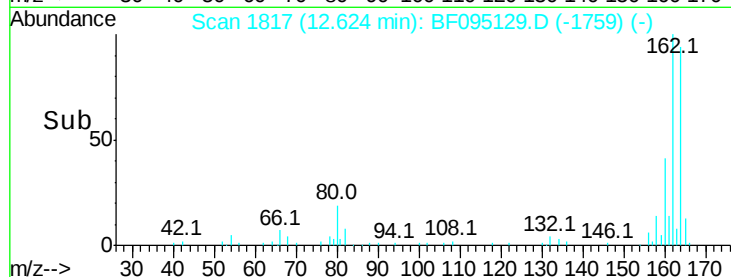
160 42.6 36.2 54.2



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: 125.45 ng

RT: 13.92 min Scan# 2038

Delta R.T. 0.04 min

Lab File: BF095129.D

Acq: 15 May 2017 17:05

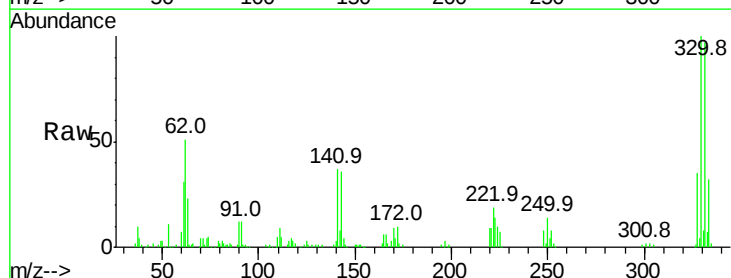
Tgt Ion:330 Resp: 155309

Ion Ratio Lower Upper

330 100

332 94.4 76.6 115.0

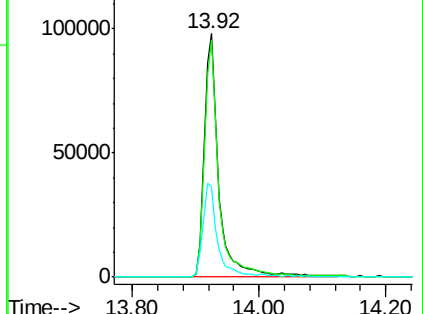
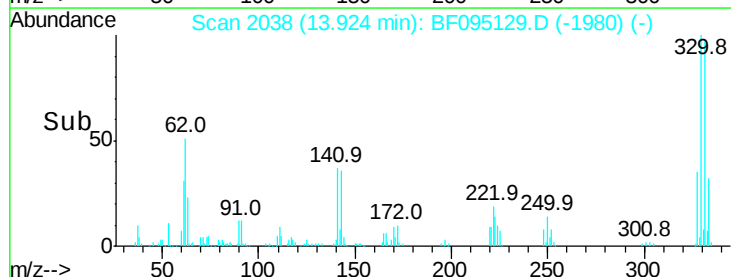
141 39.1 31.4 47.2

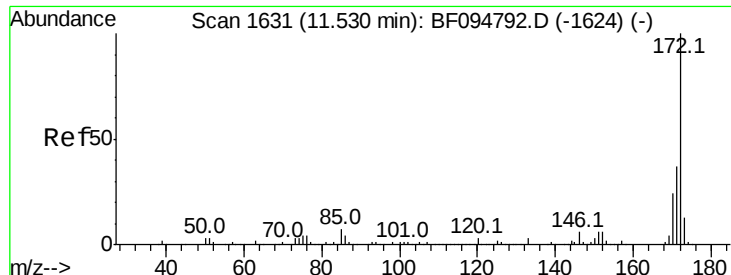


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

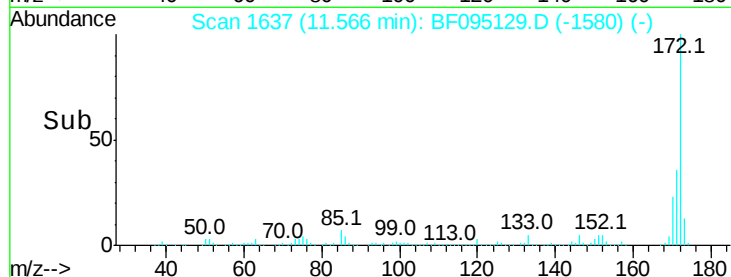
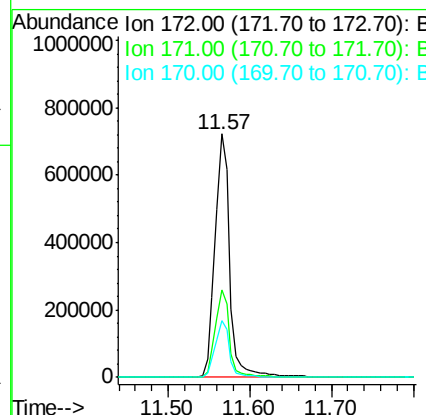
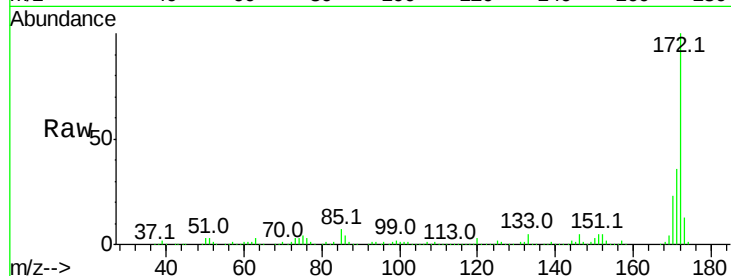




#44
2-Fluorobiphenyl
Concen: 86.65 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095129.D
Acq: 15 May 2017 17:05

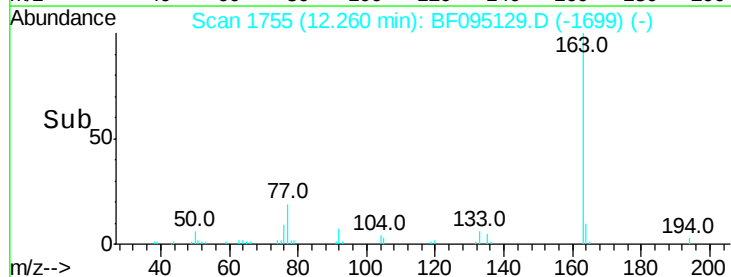
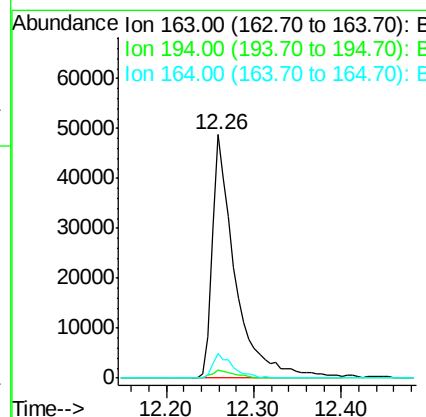
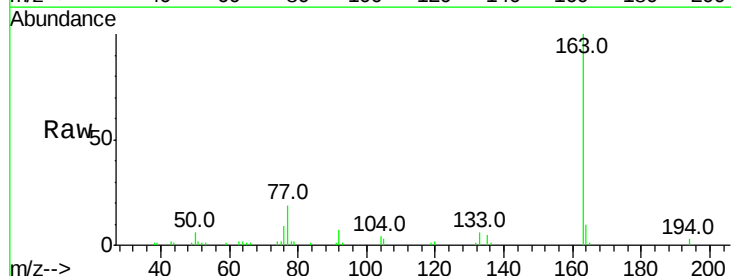
Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 910044
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.3 19.8 29.8



#49
Dimethylphthalate
Concen: 7.16 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.03 min
Lab File: BF095129.D
Acq: 15 May 2017 17:05

Tgt Ion:163 Resp: 88843
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.2 8.4 12.6

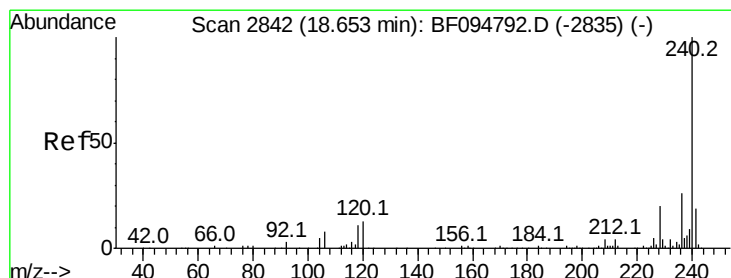
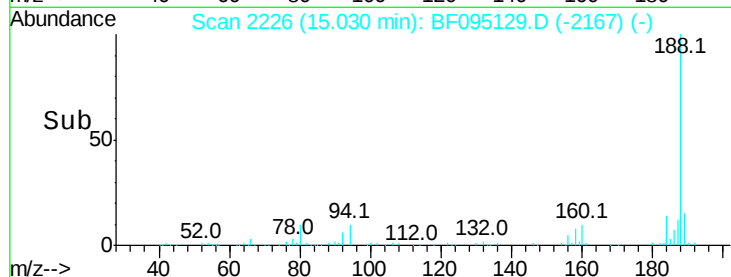
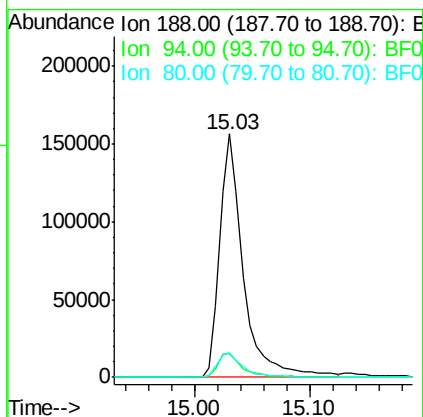
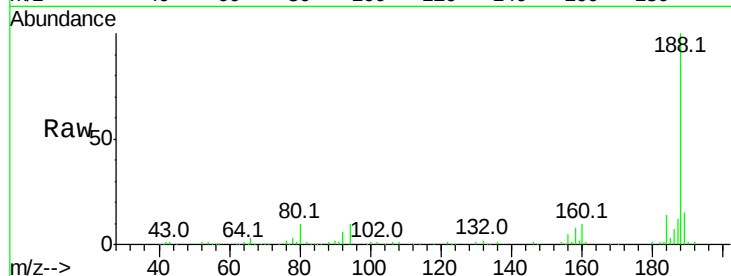




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.03 min Scan# 2226
 Delta R.T. 0.05 min
 Lab File: BF095129.D
 Acq: 15 May 2017 17:05

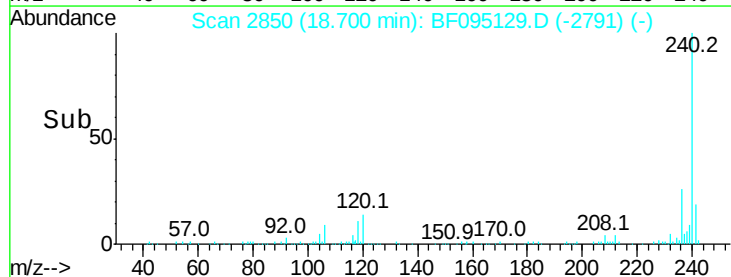
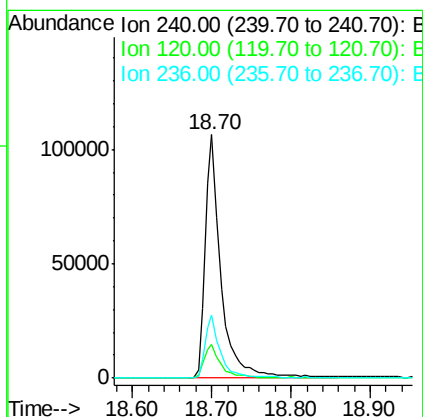
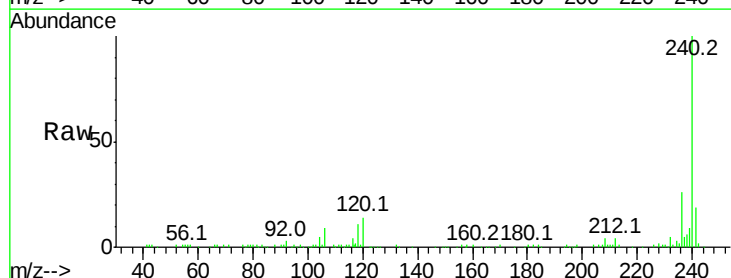
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 222361
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 10.0 10.2 15.2#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. 0.05 min
 Lab File: BF095129.D
 Acq: 15 May 2017 17:05

Tgt Ion:240 Resp: 149597
 Ion Ratio Lower Upper
 240 100
 120 13.7 5.8 8.8#
 236 26.1 20.5 30.7

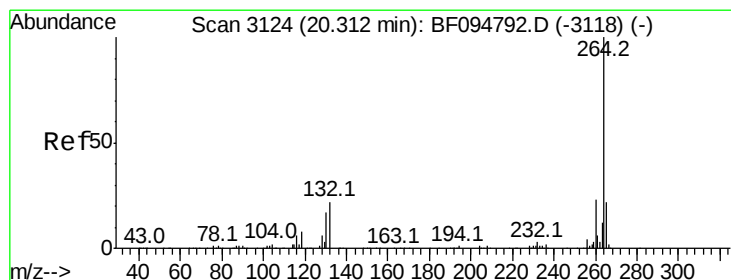
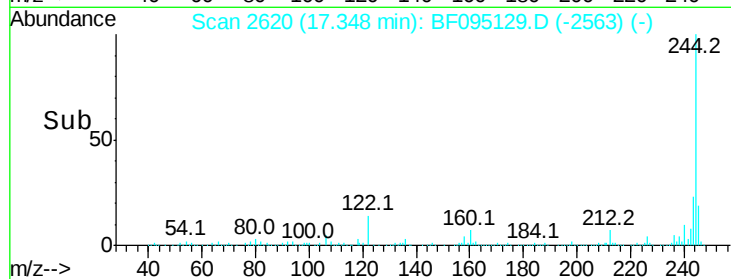
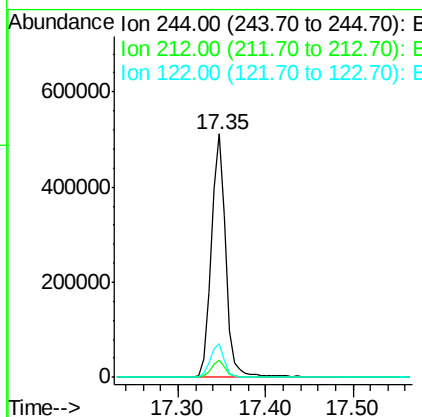
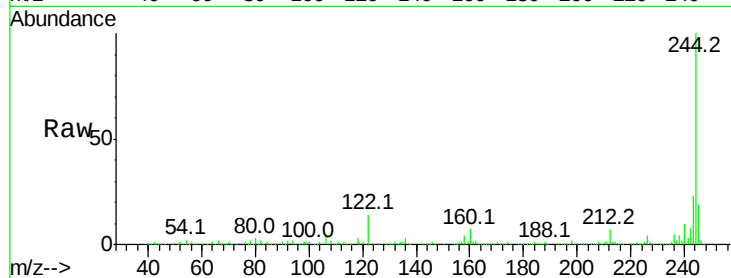




#78
 Terphenyl-d14
 Concen: 86.94 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.04 min
 Lab File: BF095129.D
 Acq: 15 May 2017 17:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 590467
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.38 min Scan# 3135
 Delta R.T. 0.06 min
 Lab File: BF095129.D
 Acq: 15 May 2017 17:05

Tgt Ion:264 Resp: 173294
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.5 29.3
 265 21.2 17.2 25.8

