

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095429.D
 Acq On : 25 May 2017 18:15
 Operator : SJ/MA
 Sample : I3340-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 01:13:32 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

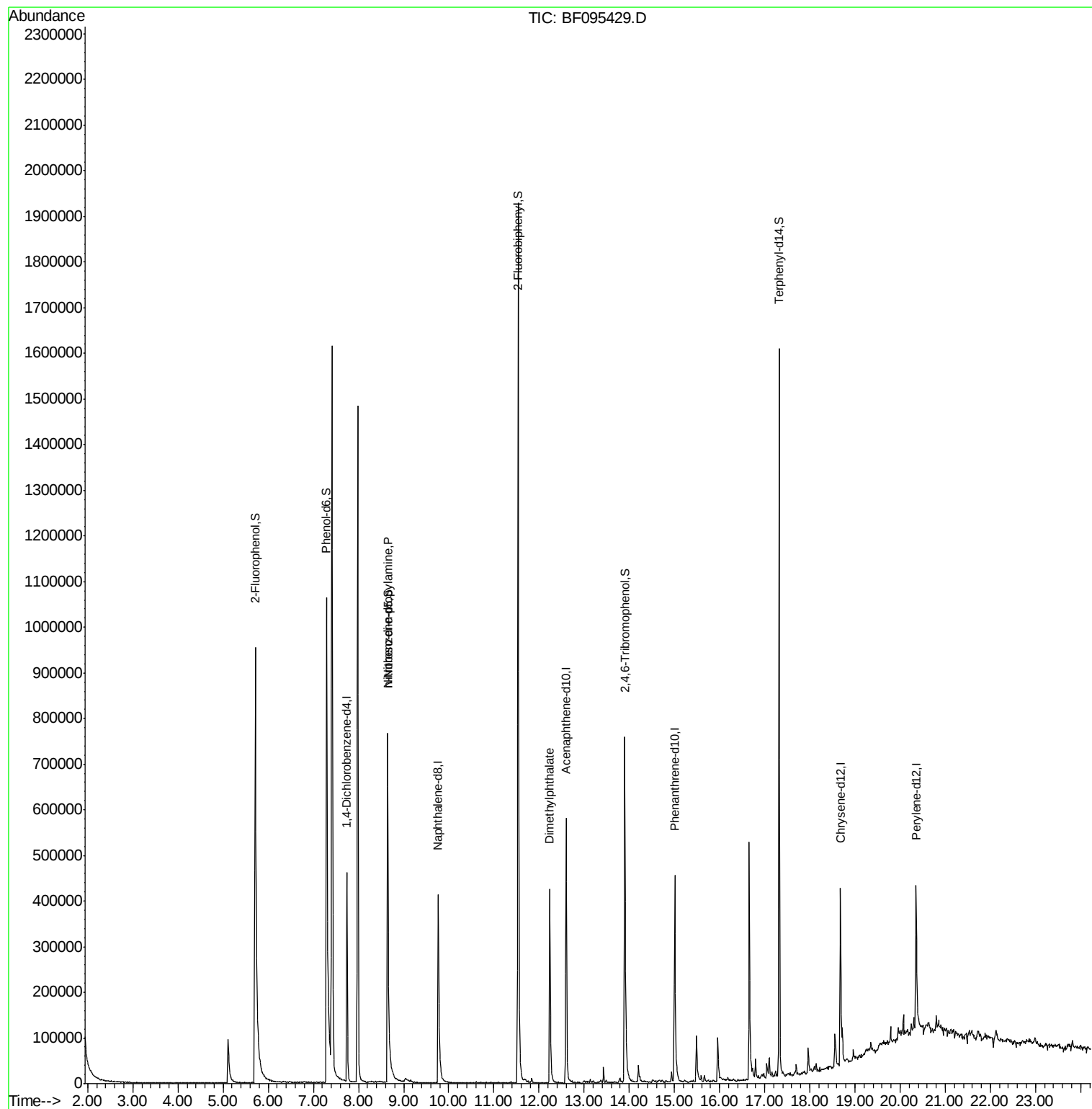
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	103369	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	420483	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	184677	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	306598	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	191739	20.00	ng	-0.02
86) Perylene-d12	20.35	264	171548	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	734502	118.47	ng	-0.02
7) Phenol-d6	7.29	99	882336	118.61	ng	-0.02
23) Nitrobenzene-d5	8.65	82	510386	76.54	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	168079	111.13	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	1059473	82.57	ng	-0.02
78) Terphenyl-d14	17.32	244	660967	75.93	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.65	70	59119	11.75	ng	Qvalue # 76
49) Dimethylphthalate	12.24	163	332776	21.95	ng	99

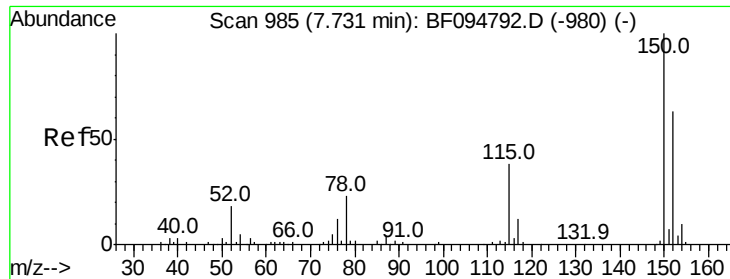
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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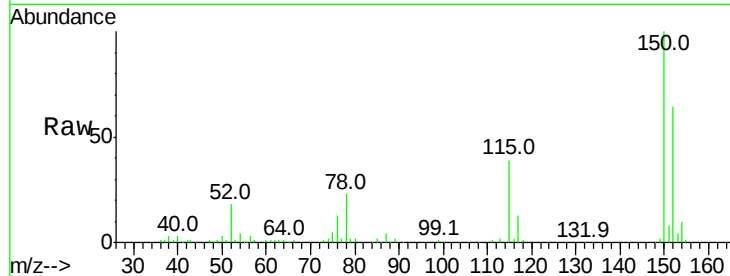


#1

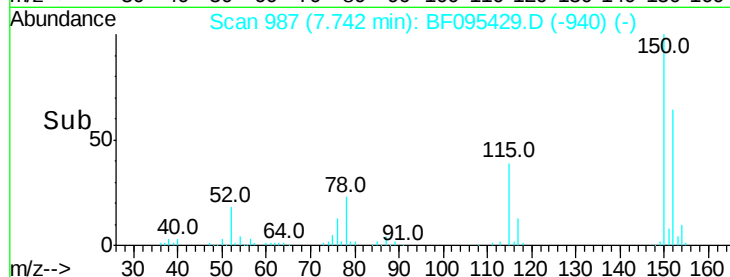
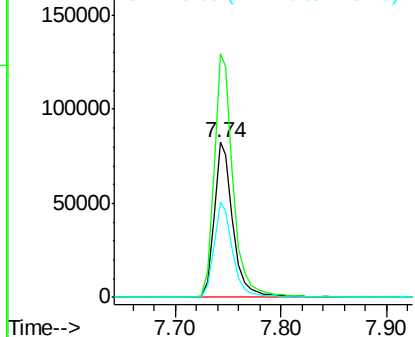
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095429.D
Acq: 25 May 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103369
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 61.8 52.2 78.2



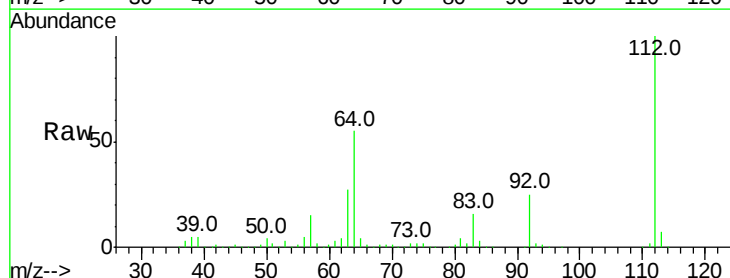
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



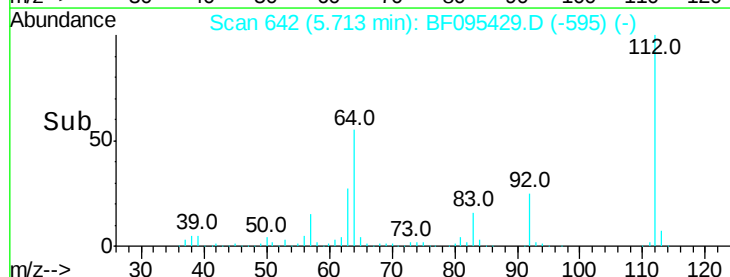
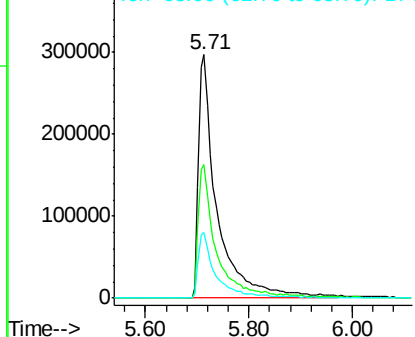
#5

2-Fluorophenol
Concen: 118.47 ng
RT: 5.71 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF095429.D
Acq: 25 May 2017 18:15

Tgt Ion:112 Resp: 734502
Ion Ratio Lower Upper
112 100
64 55.0 46.0 69.0
63 26.8 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: 118.61 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095429.D

Acq: 25 May 2017 18:15

Instrument :

BNA_F

ClientSampled :

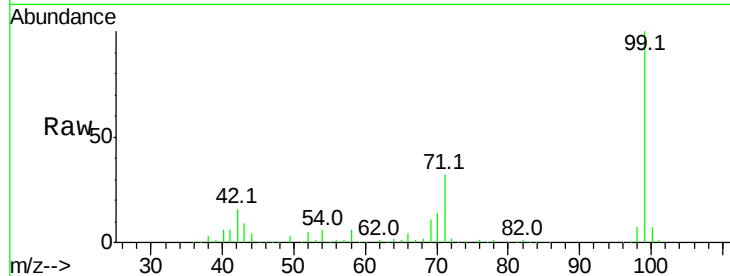
Tot Ion: 99 Resp: 882336

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

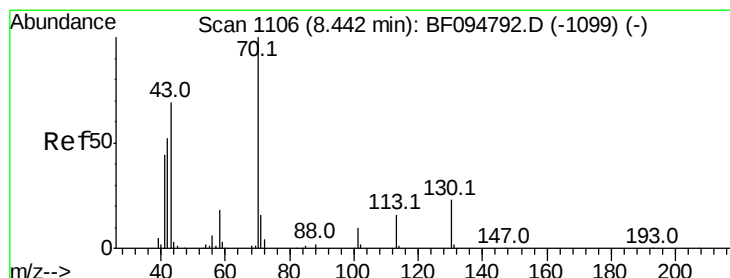
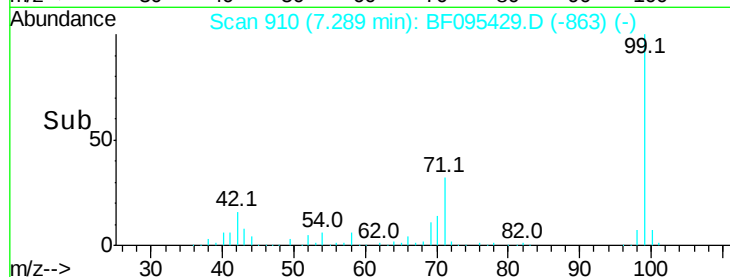
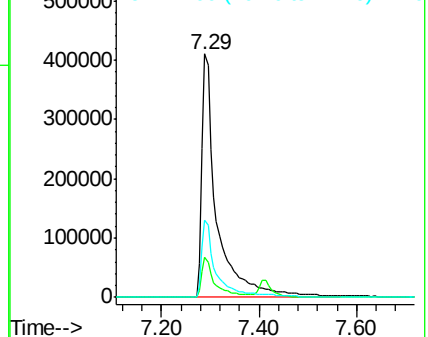
71 31.6 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.75 ng

RT: 8.65 min Scan# 1141

Delta R.T. 0.17 min

Lab File: BF095429.D

Acq: 25 May 2017 18:15

Tgt Ion: 70 Resp: 59119

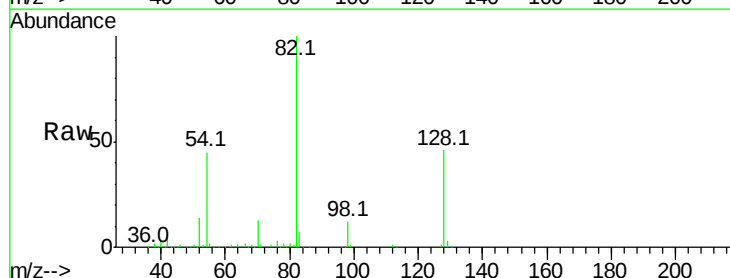
Ion Ratio Lower Upper

70 100

42 44.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

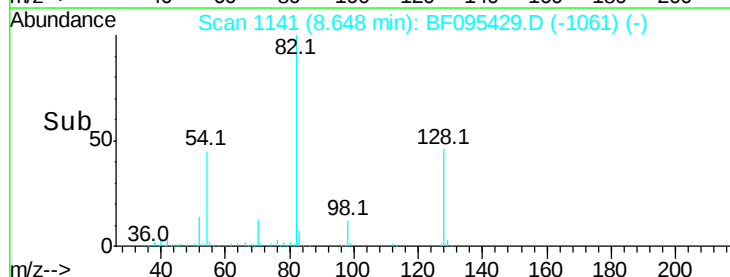
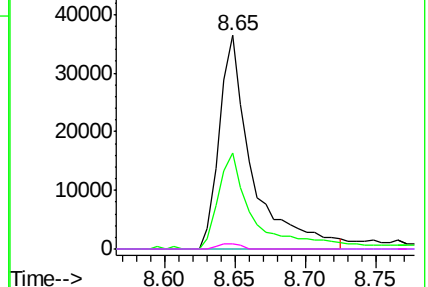


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095429.D

Acq: 25 May 2017 18:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 420483

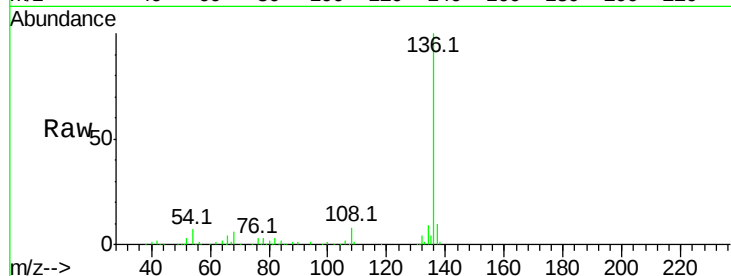
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.7 4.9 7.3

68 5.8 4.1 6.1

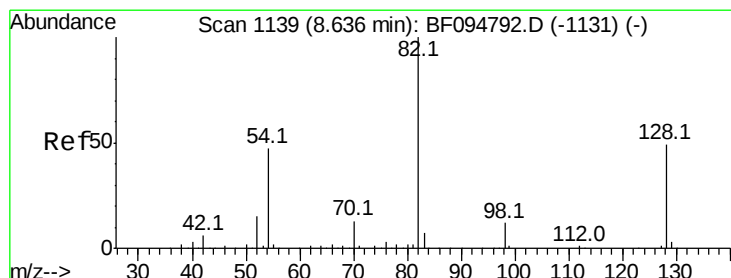
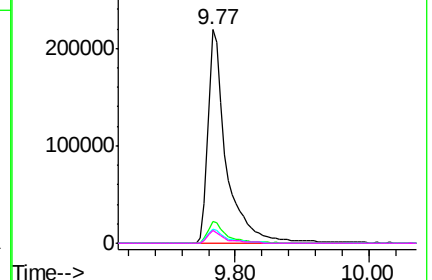
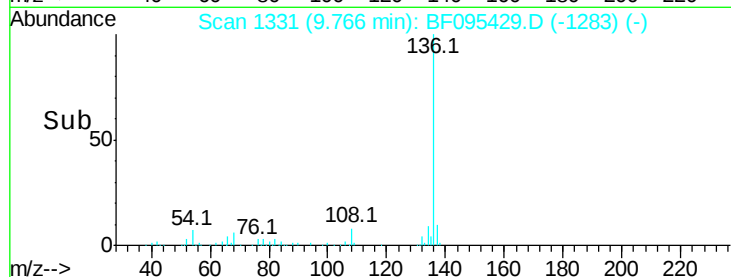


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.54 ng

RT: 8.65 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF095429.D

Acq: 25 May 2017 18:15

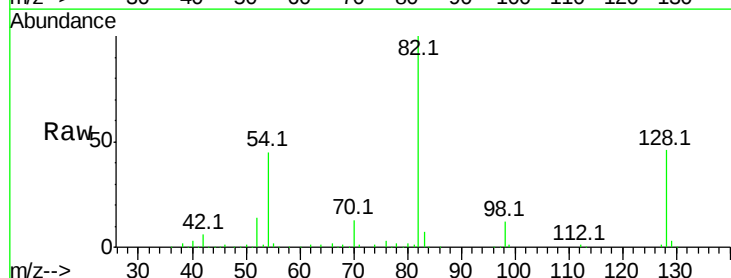
Tgt Ion: 82 Resp: 510386

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

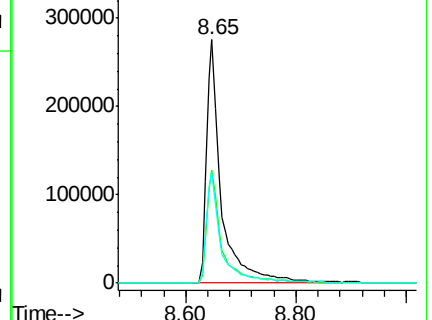
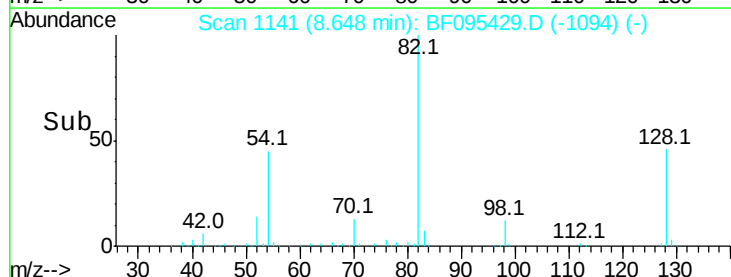
54 45.2 42.2 63.2



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: 12.60 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF095429.D

Acq: 25 May 2017 18:15

Instrument :

BNA_F

ClientSampleId :

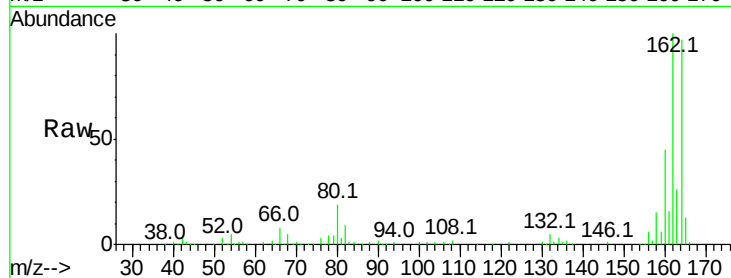
Tot Ion:164 Resp: 184677

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

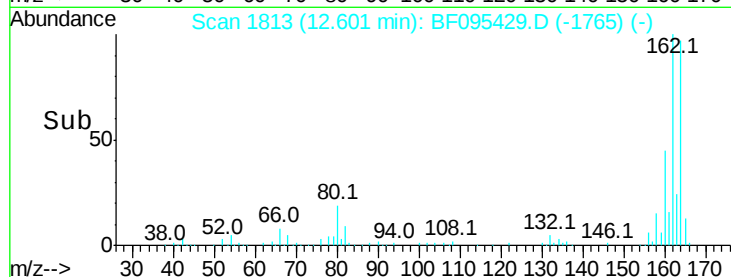
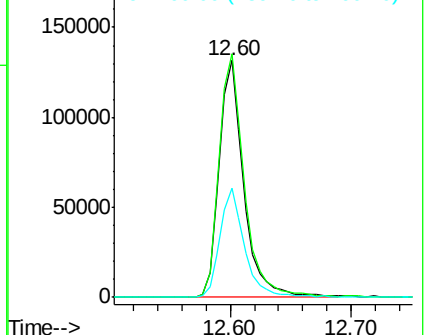
160 46.1 36.2 54.2



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: 111.13 ng

RT: 13.90 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF095429.D

Acq: 25 May 2017 18:15

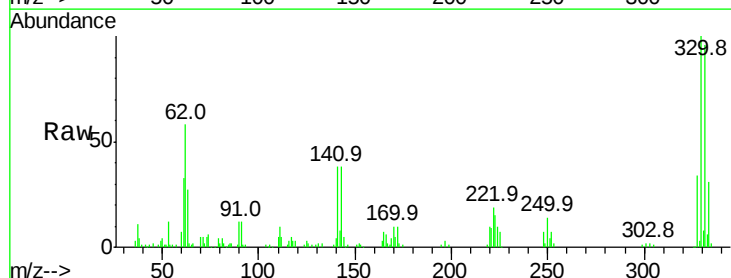
Tgt Ion:330 Resp: 168079

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

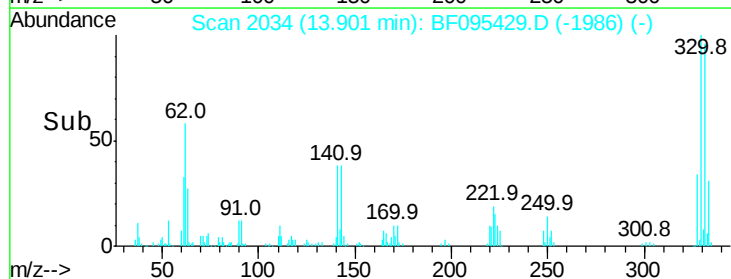
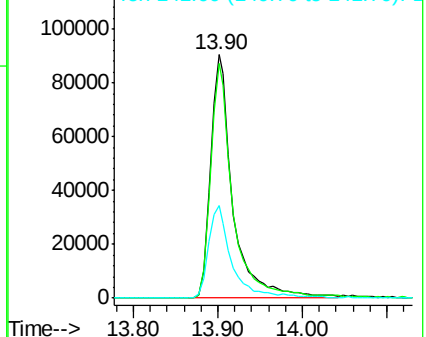
141 39.5 31.4 47.2



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

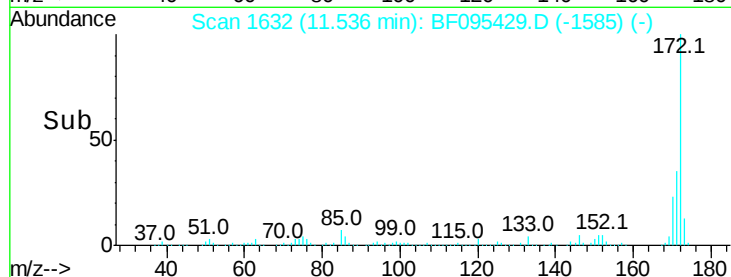
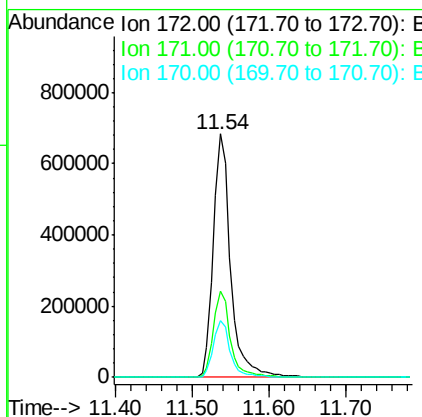
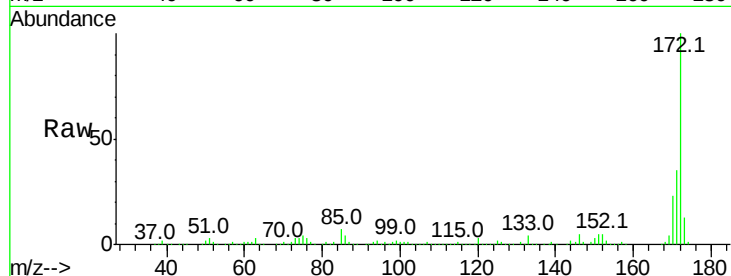




#44
2-Fluorobiphenyl
Concen: 82.57 ng
RT: 11.54 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF095429.D
Acq: 25 May 2017 18:15

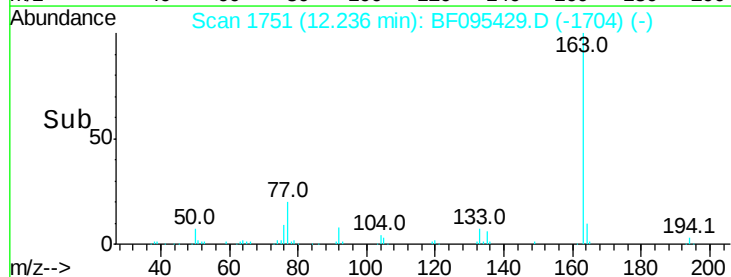
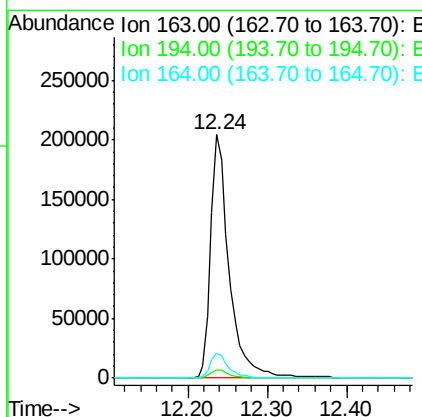
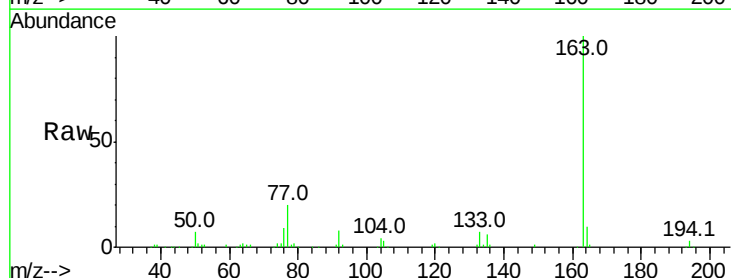
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1059473
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.3 19.8 29.8



#49
Dimethylphthalate
Concen: 21.95 ng
RT: 12.24 min Scan# 1751
Delta R.T. -0.02 min
Lab File: BF095429.D
Acq: 25 May 2017 18:15

Tgt Ion:163 Resp: 332776
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 8.4 12.6

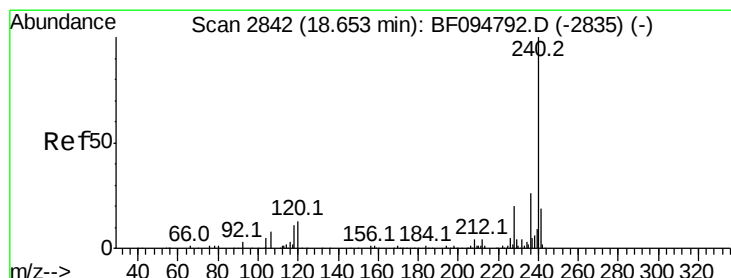
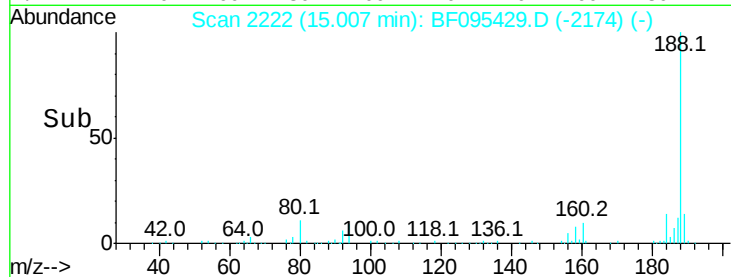
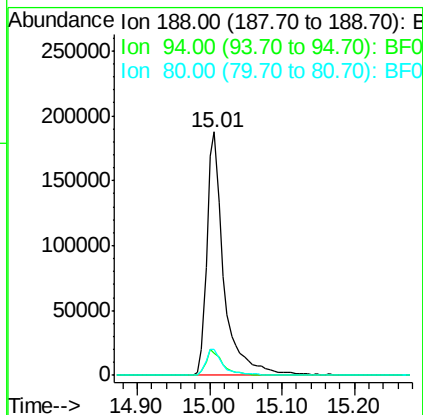
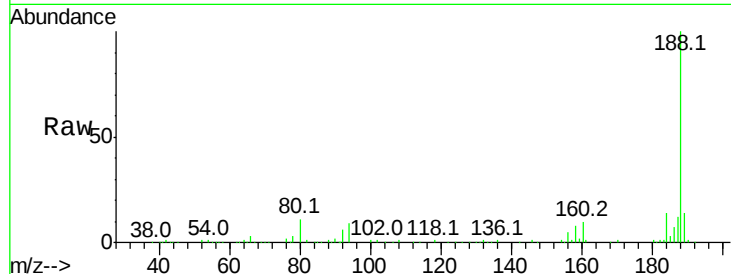




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF095429.D
 Acq: 25 May 2017 18:15

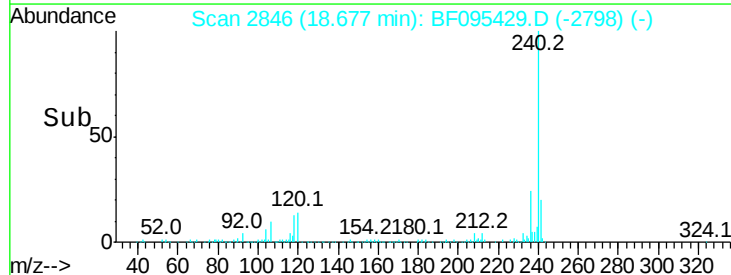
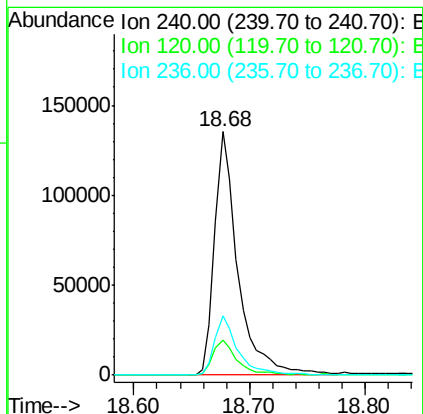
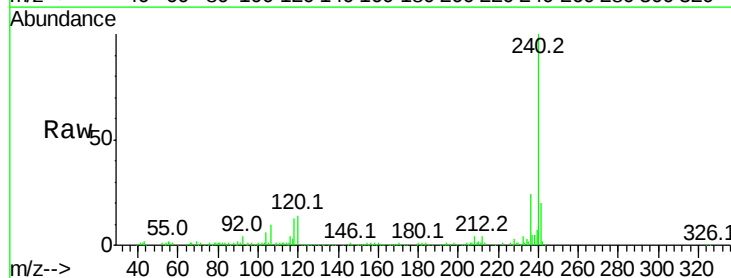
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 306598
 Ion Ratio Lower Upper
 188 100
 94 9.2 9.4 14.2#
 80 10.6 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.02 min
 Lab File: BF095429.D
 Acq: 25 May 2017 18:15

Tgt Ion:240 Resp: 191739
 Ion Ratio Lower Upper
 240 100
 120 14.1 5.8 8.8#
 236 24.4 20.5 30.7

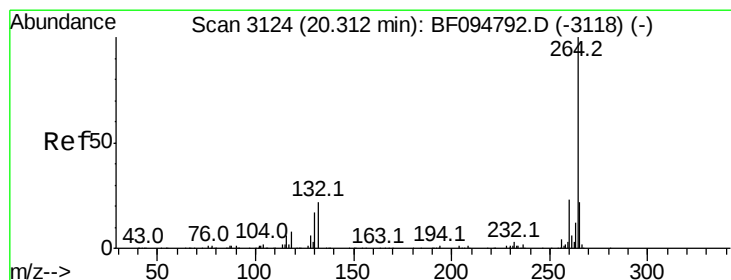
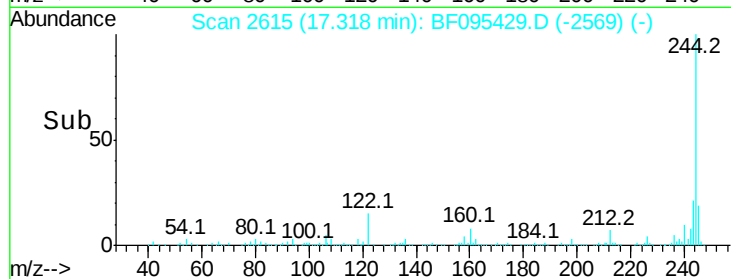
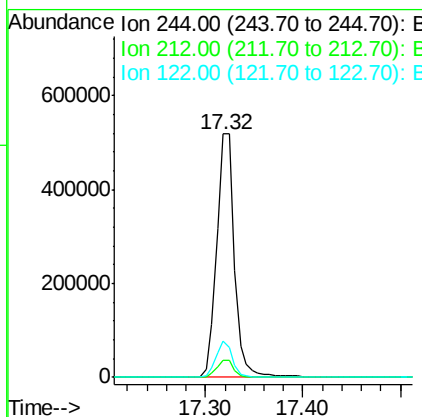
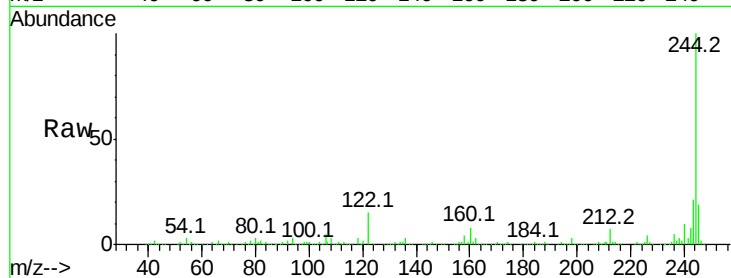




#78
 Terphenyl-d14
 Concen: 75.93 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.03 min
 Lab File: BF095429.D
 Acq: 25 May 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 660967
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BF095429.D
 Acq: 25 May 2017 18:15

Tgt Ion:264 Resp: 171548
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 22.8 17.2 25.8

