

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095355.D
 Acq On : 23 May 2017 17:17
 Operator : SJ/MA
 Sample : I3244-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 01:28:23 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

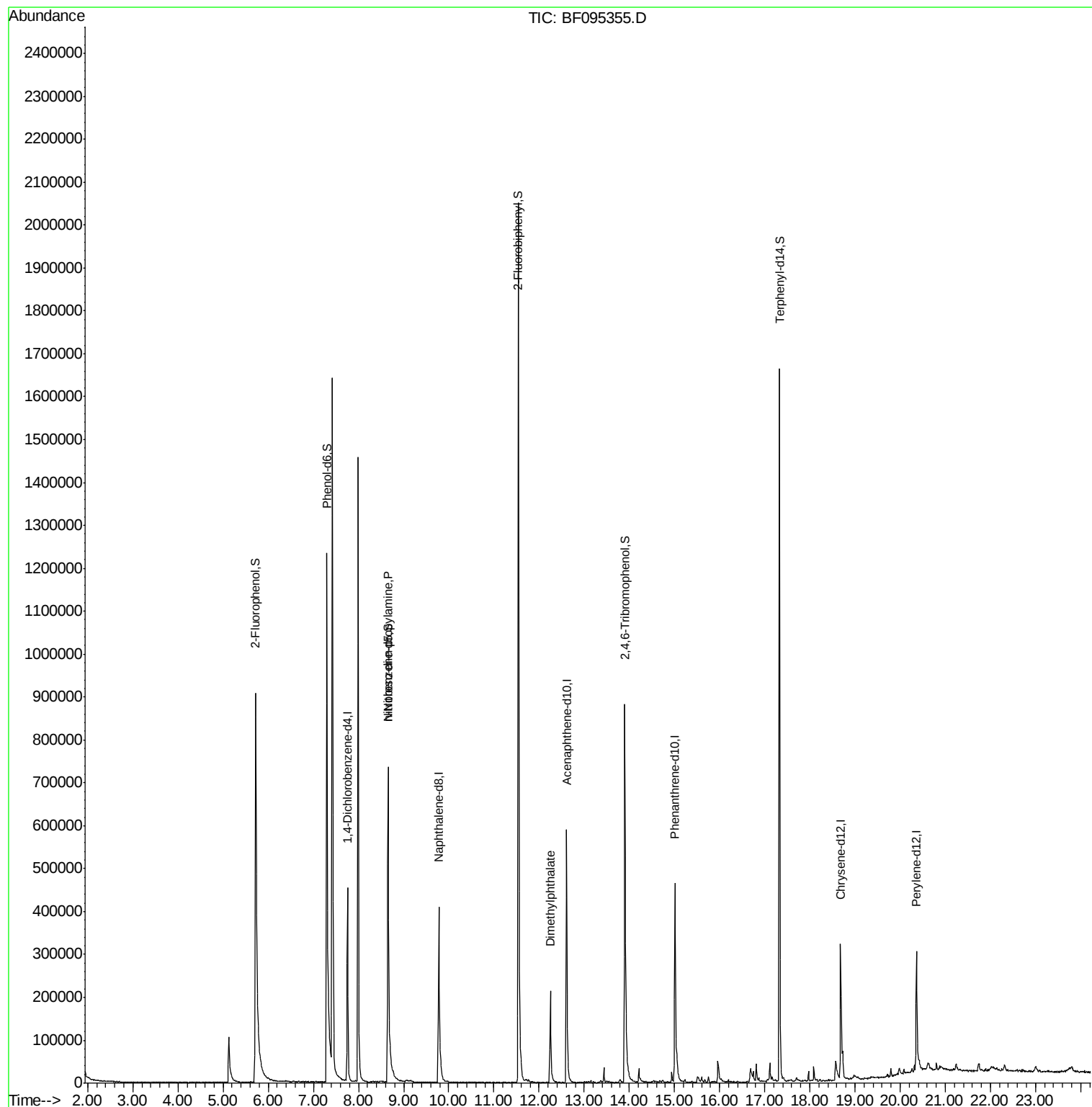
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	101309	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	428727	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	206089	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	341691	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	186375	20.00	ng	-0.01
86) Perylene-d12	20.36	264	173777	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	715211	117.70	ng	-0.02
7) Phenol-d6	7.30	99	895571	122.83	ng	-0.02
23) Nitrobenzene-d5	8.65	82	502958	73.98	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	195115	115.60	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	1092197	76.28	ng	-0.02
78) Terphenyl-d14	17.33	244	732102	86.52	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.65	70	59483	12.06	ng	Qvalue # 77
49) Dimethylphthalate	12.25	163	177255	10.48	ng	97

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

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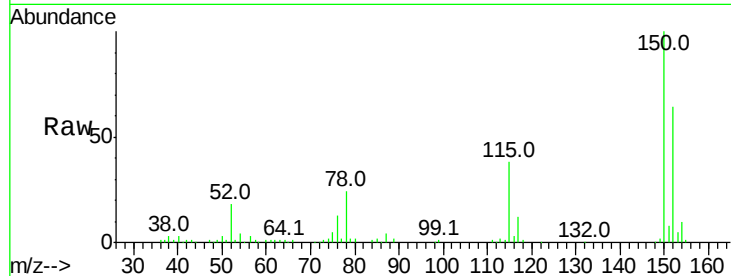


#1

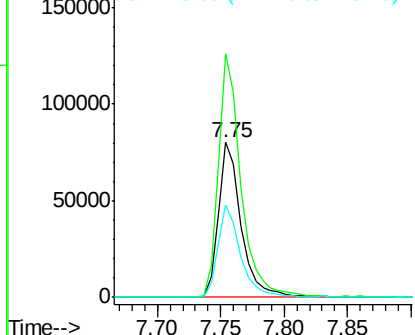
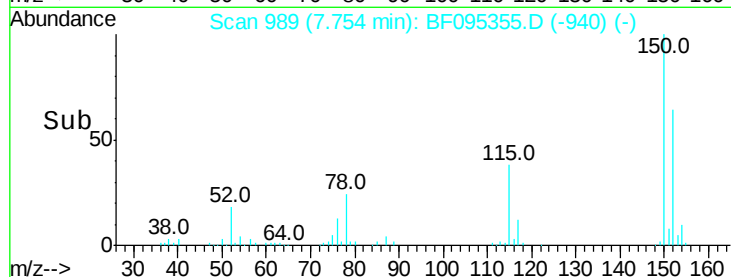
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095355.D
Acq: 23 May 2017 17:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101309
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 60.0 52.2 78.2



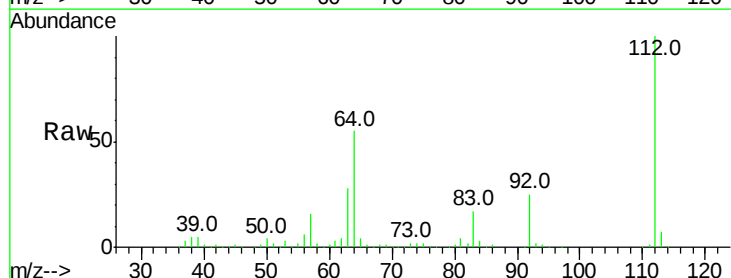
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



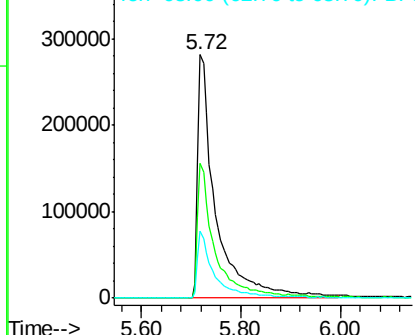
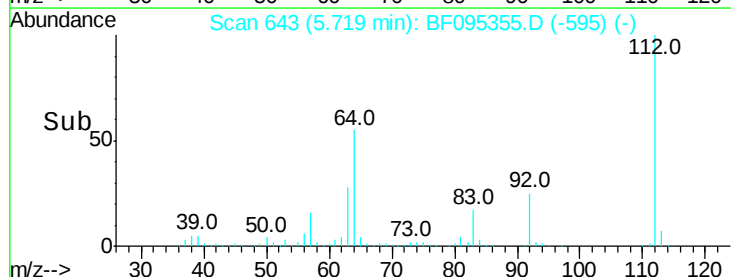
#5

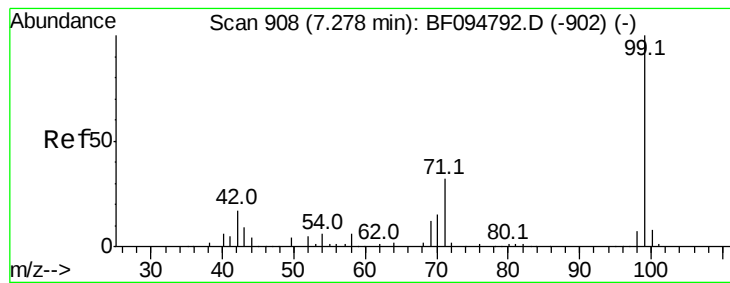
2-Fluorophenol
Concen: 117.70 ng
RT: 5.72 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF095355.D
Acq: 23 May 2017 17:17

Tgt Ion:112 Resp: 715211
Ion Ratio Lower Upper
112 100
64 55.4 46.0 69.0
63 27.7 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: 122.83 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095355.D

Acq: 23 May 2017 17:17

Instrument :

BNA_F

ClientSampleId :

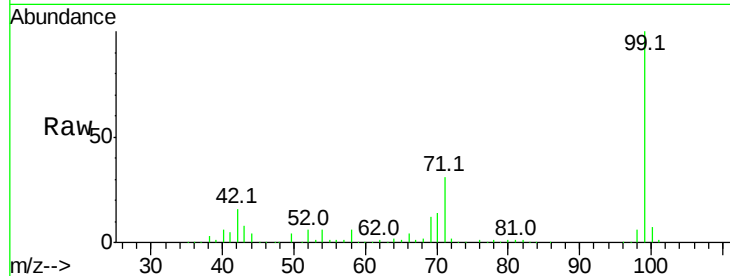
Tot Ion: 99 Resp: 895571

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

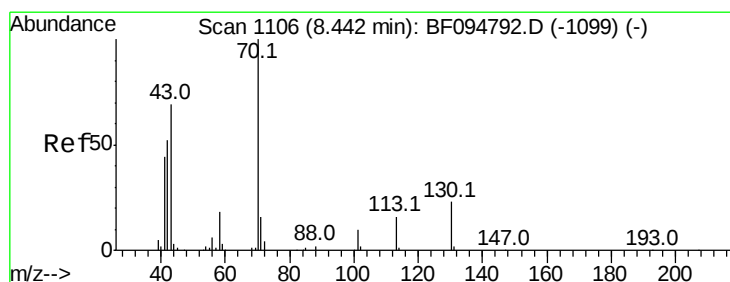
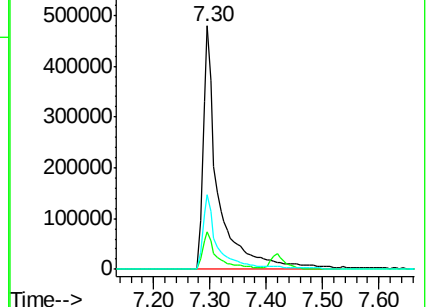
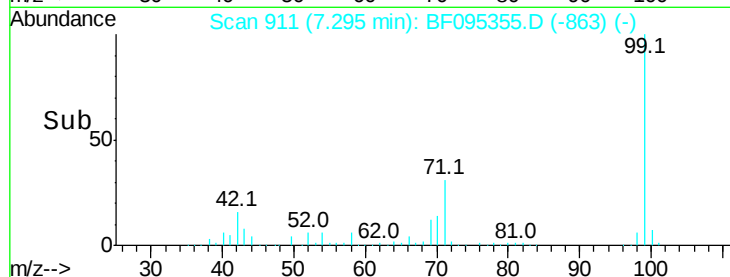
71 30.9 24.5 36.7



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: 12.06 ng

RT: 8.65 min Scan# 1142

Delta R.T. 0.18 min

Lab File: BF095355.D

Acq: 23 May 2017 17:17

Tgt Ion: 70 Resp: 59483

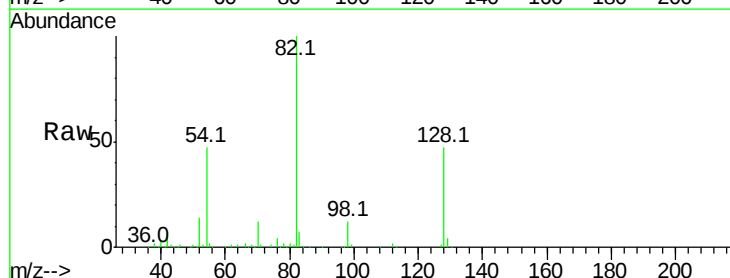
Ion Ratio Lower Upper

70 100

42 45.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

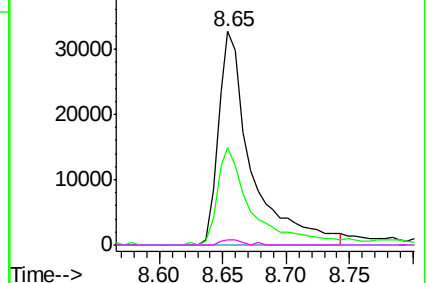
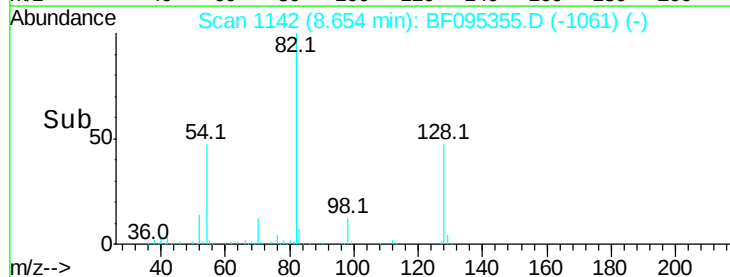


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095355.D

Acq: 23 May 2017 17:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 428727

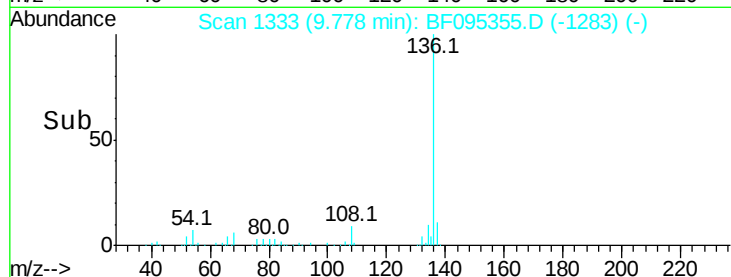
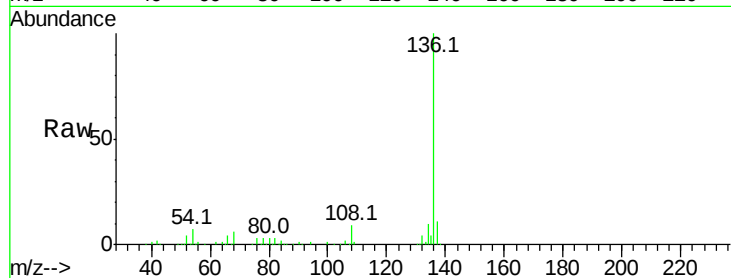
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.9 4.9 7.3

68 5.7 4.1 6.1

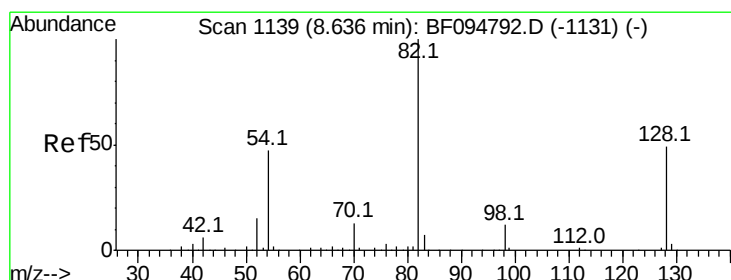
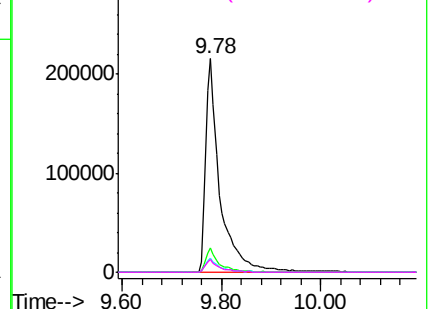


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.98 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF095355.D

Acq: 23 May 2017 17:17

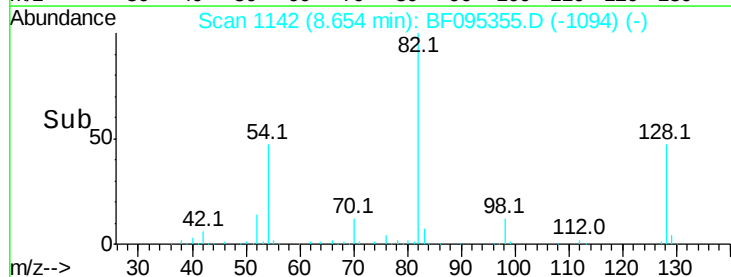
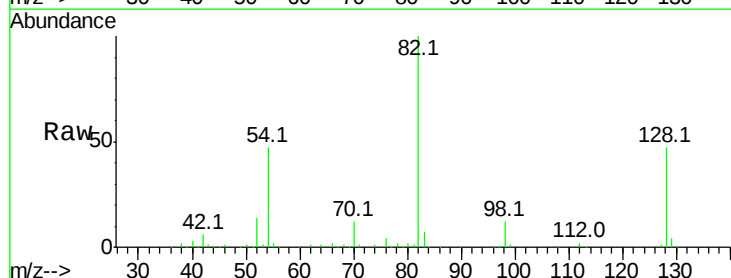
Tgt Ion: 82 Resp: 502958

Ion Ratio Lower Upper

82 100

128 47.5 34.0 51.0

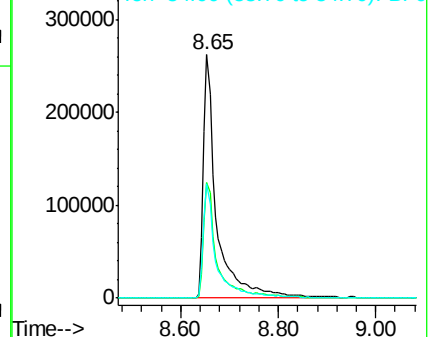
54 46.9 42.2 63.2



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# 1814

Delta R.T. -0.01 min

Lab File: BF095355.D

Acq: 23 May 2017 17:17

Instrument :

BNA_F

ClientSampleId :

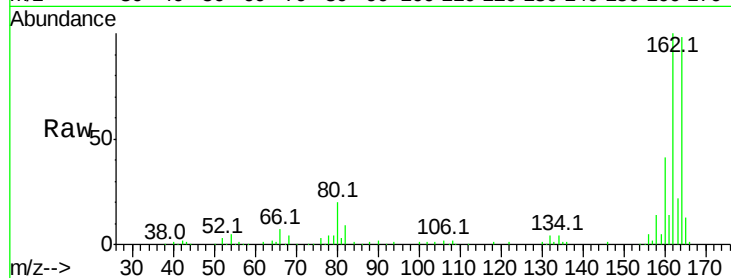
Tot Ion:164 Resp: 206089

Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

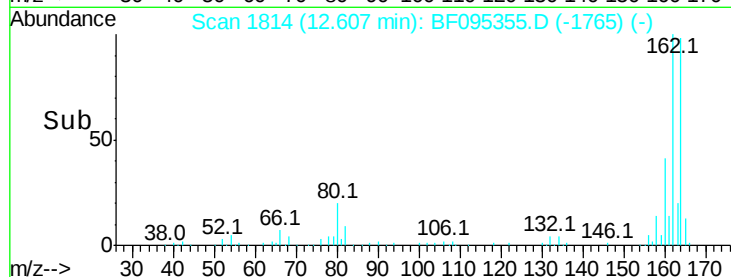
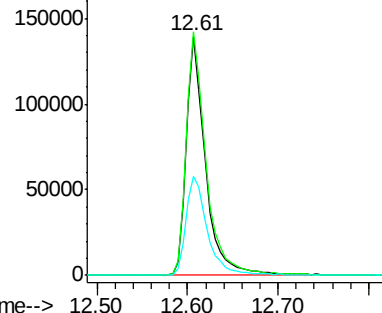
160 41.7 36.2 54.2



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: 115.60 ng

RT: 13.90 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF095355.D

Acq: 23 May 2017 17:17

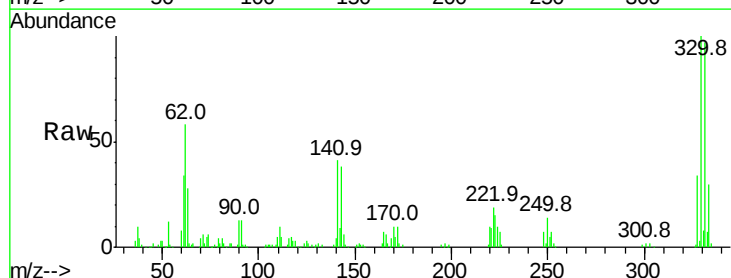
Tgt Ion:330 Resp: 195115

Ion Ratio Lower Upper

330 100

332 95.0 76.6 115.0

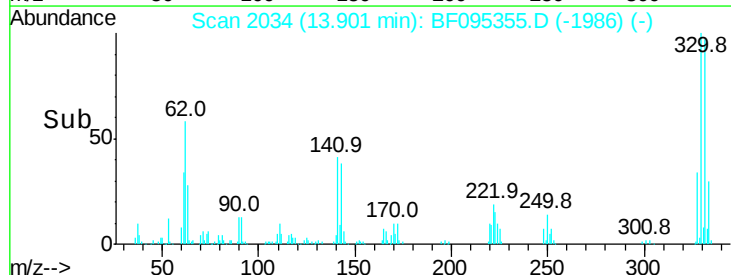
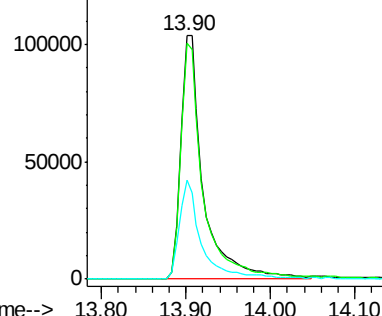
141 39.1 31.4 47.2



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

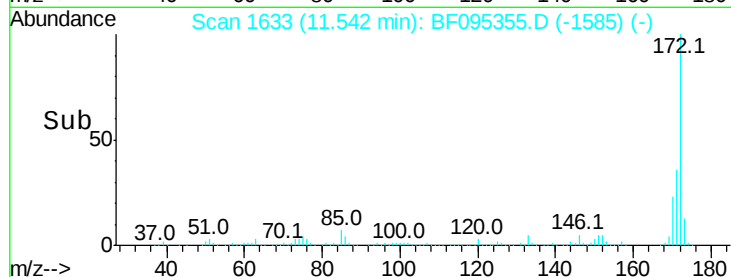
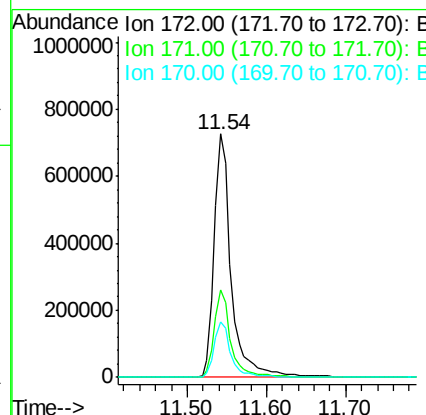
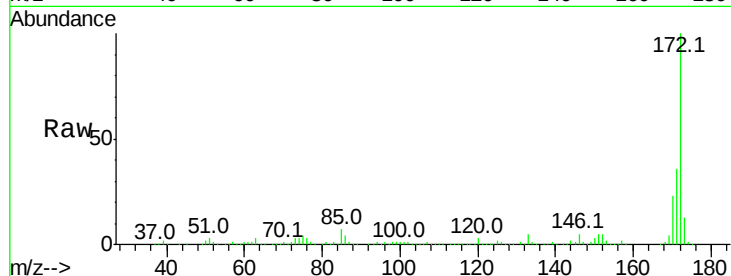




#44
2-Fluorobiphenyl
Concen: 76.28 ng
RT: 11.54 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095355.D
Acq: 23 May 2017 17:17

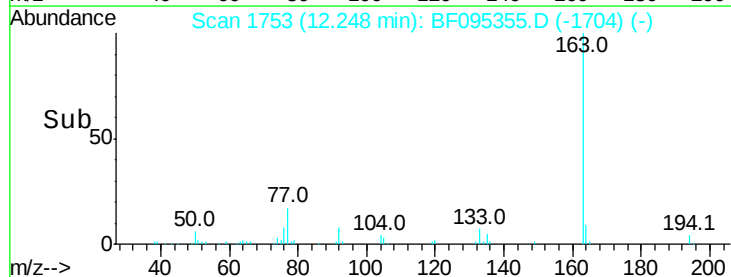
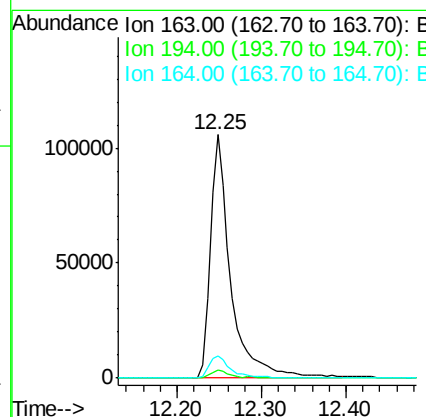
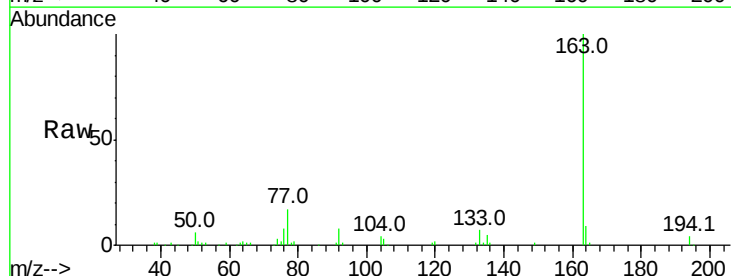
Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1092197
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 22.9 19.8 29.8



#49
Dimethylphthalate
Concen: 10.48 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095355.D
Acq: 23 May 2017 17:17

Tgt Ion:163 Resp: 177255
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.3 8.4 12.6

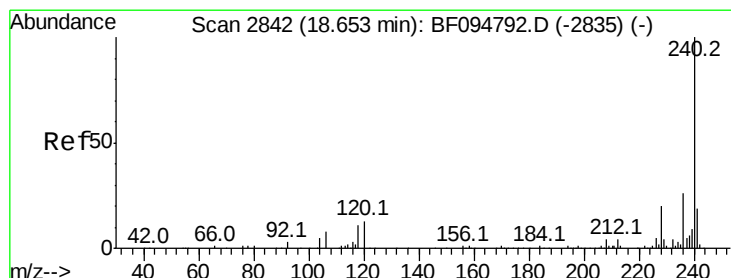
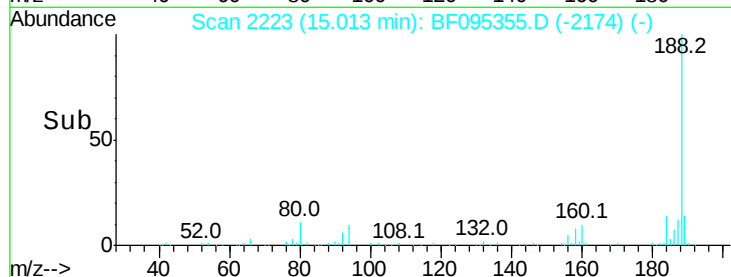
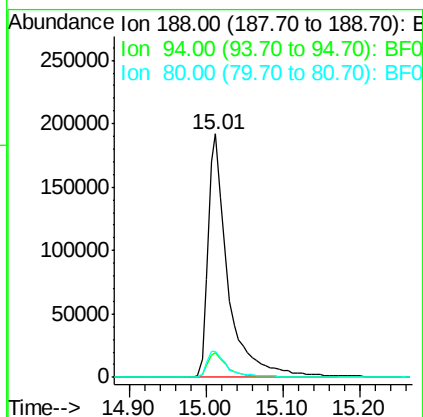
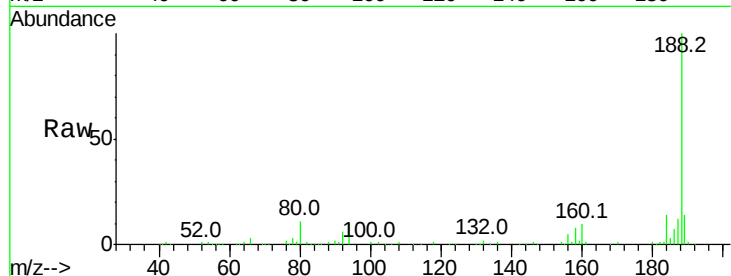




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095355.D
 Acq: 23 May 2017 17:17

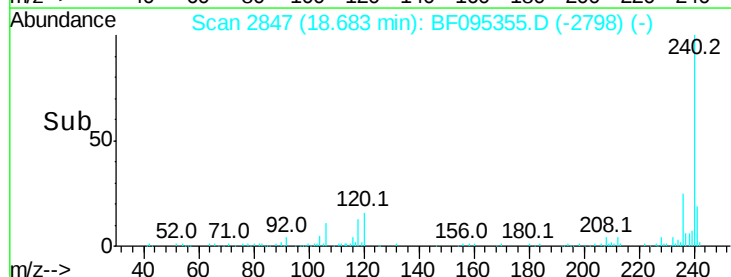
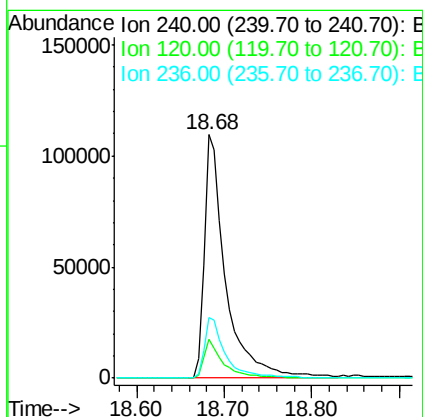
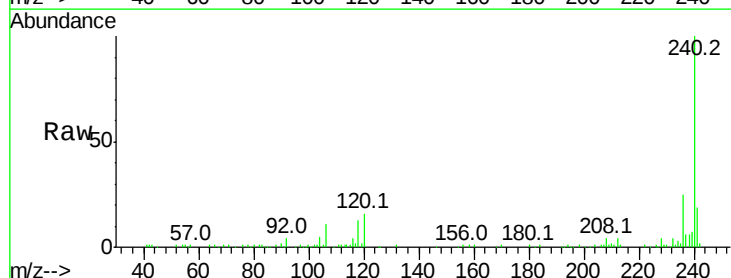
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 341691
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 10.9 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095355.D
 Acq: 23 May 2017 17:17

Tgt Ion:240 Resp: 186375
 Ion Ratio Lower Upper
 240 100
 120 15.8 5.8 8.8#
 236 25.0 20.5 30.7

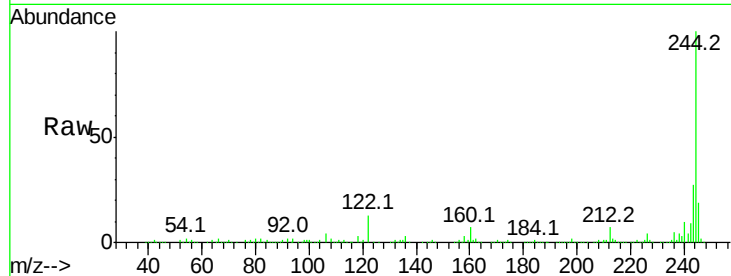




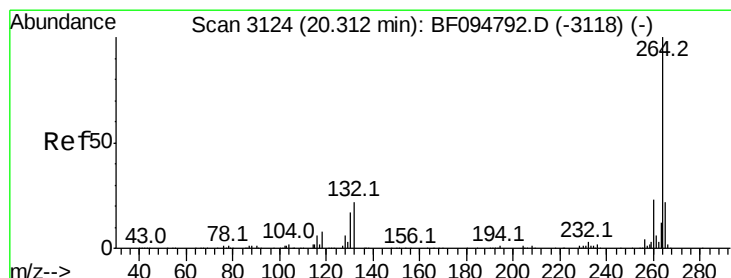
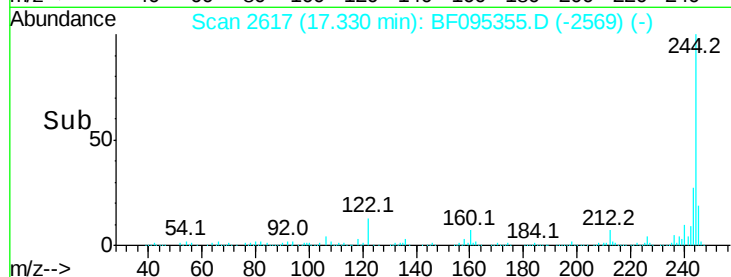
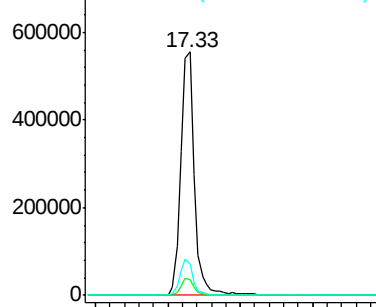
#78
 Terphenyl-d14
 Concen: 86.52 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095355.D
 Acq: 23 May 2017 17:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 732102
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 12.9 10.3 15.5

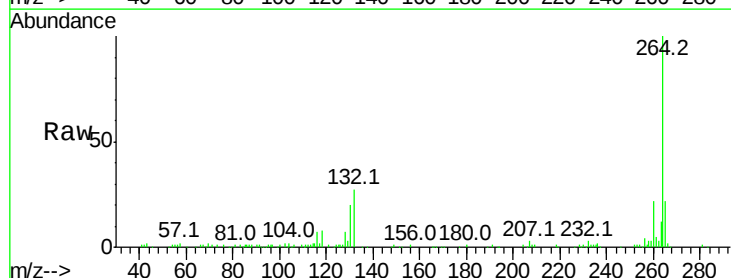


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095355.D
 Acq: 23 May 2017 17:17

Tgt Ion:264 Resp: 173777
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.5 29.3
 265 21.9 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

