

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095354.D
 Acq On : 23 May 2017 16:45
 Operator : SJ/MA
 Sample : I3240-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 01:28:10 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

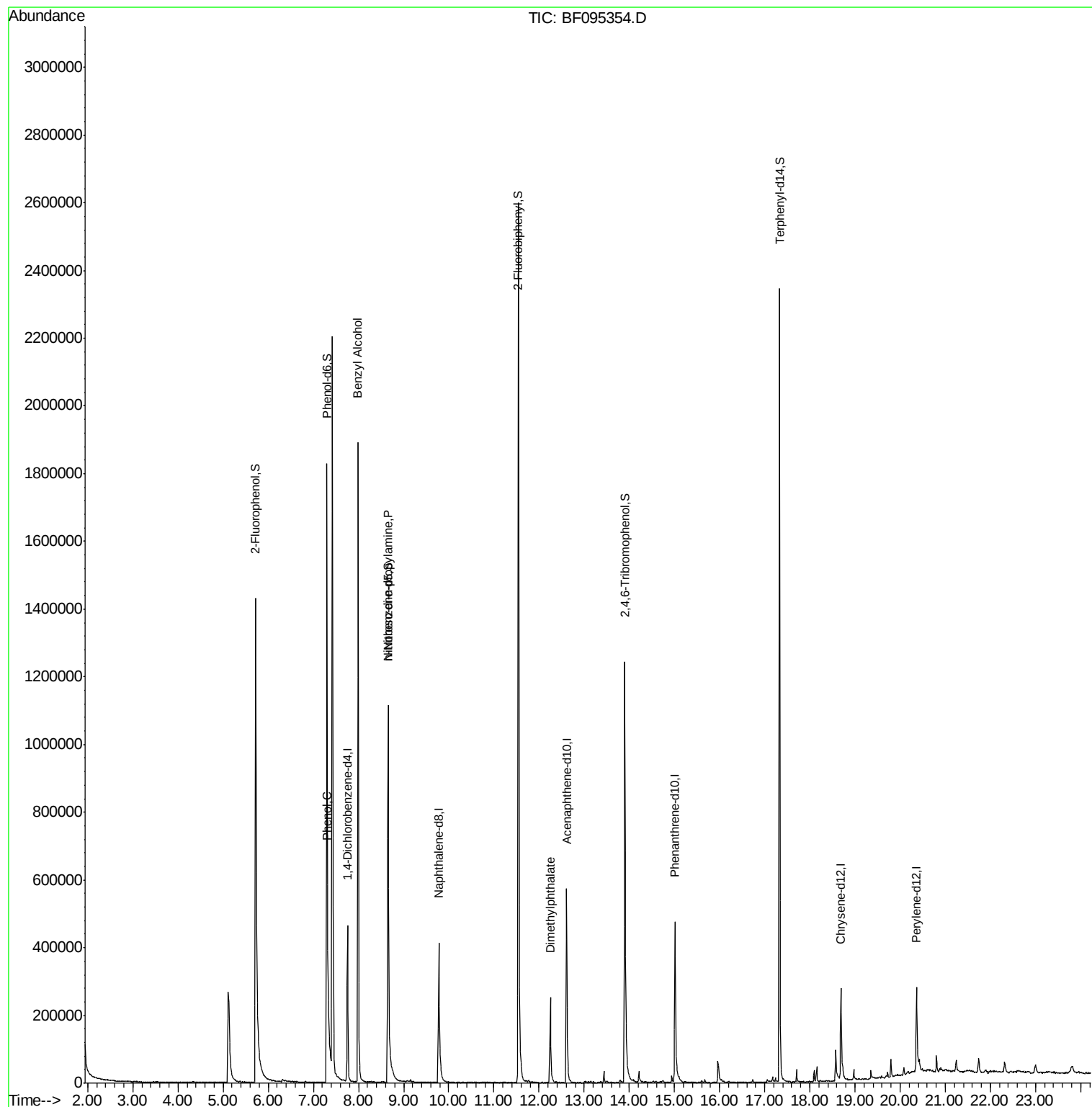
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	102399	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	429012	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	204161	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	347185	20.00	ng	-0.01
75) Chrysene-d12	18.69	240	191148	20.00	ng	0.00
86) Perylene-d12	20.37	264	162521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	949616	154.61	ng	-0.02
7) Phenol-d6	7.30	99	1206961	163.78	ng	-0.01
23) Nitrobenzene-d5	8.65	82	703174	103.36	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	262052	156.73	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	1414305	99.71	ng	-0.01
78) Terphenyl-d14	17.33	244	981416	113.09	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	25957	3.34	ng	# 76
15) Benzyl Alcohol	7.99	79	10295	2.17	ng	# 38
19) n-Nitroso-di-n-propylamine	8.66	70	83307	16.71	ng	# 75
49) Dimethylphthalate	12.25	163	203477	12.14	ng	98

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

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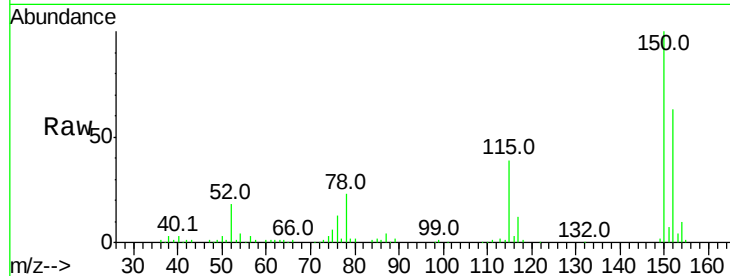


#1

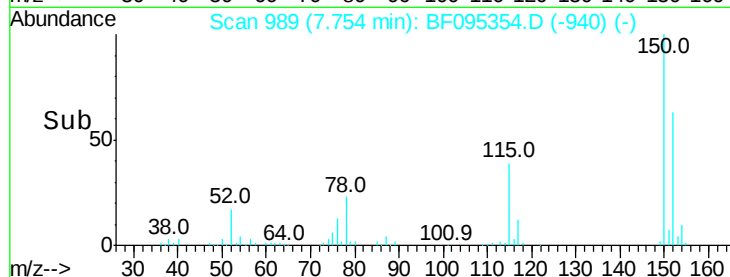
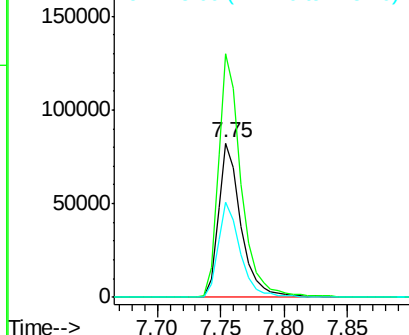
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095354.D
Acq: 23 May 2017 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102399
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 61.7 52.2 78.2



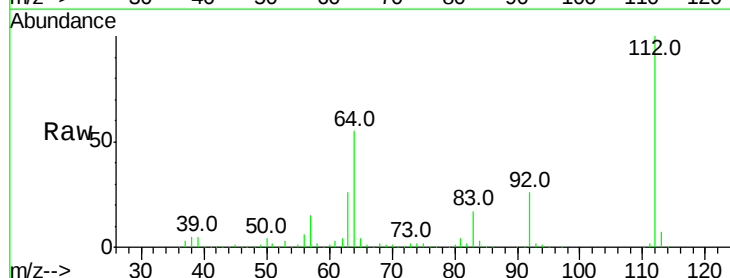
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



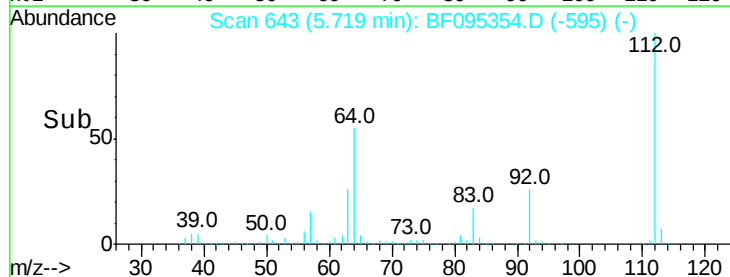
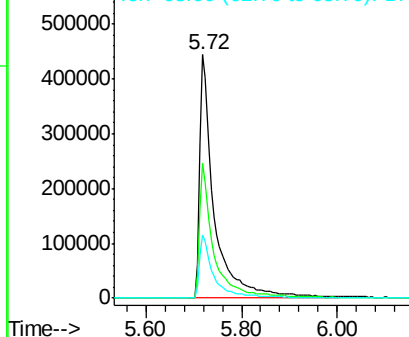
#5

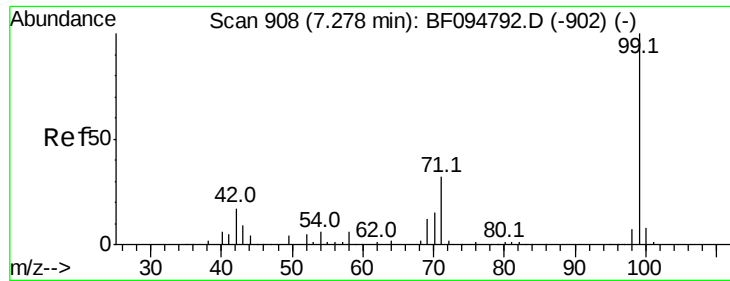
2-Fluorophenol
Concen: 154.61 ng
RT: 5.72 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF095354.D
Acq: 23 May 2017 16:45

Tgt Ion:112 Resp: 949616
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 26.2 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: 163.78 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095354.D

Acq: 23 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

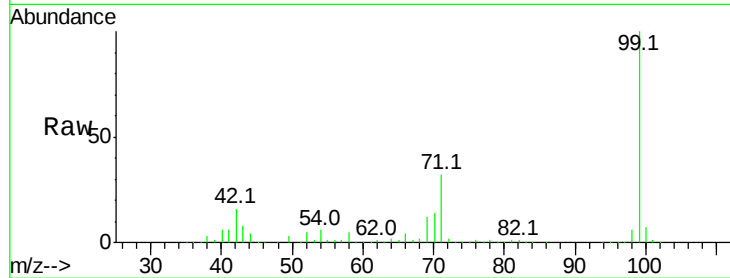
Tot Ion: 99 Resp: 1206961

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

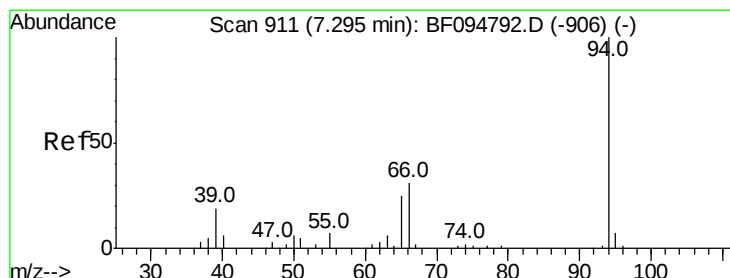
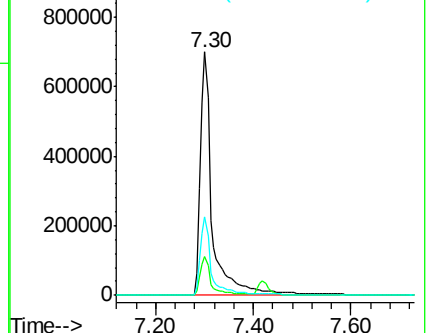
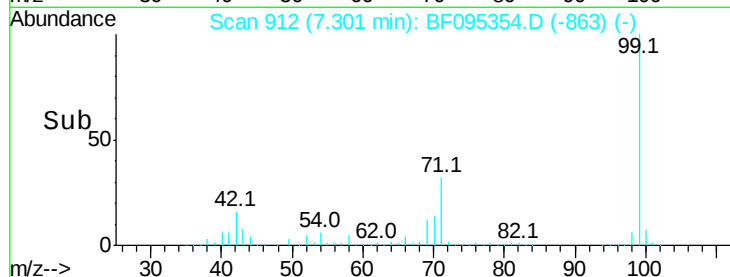
71 32.0 24.5 36.7



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



#10

Phenol

Concen: 3.34 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095354.D

Acq: 23 May 2017 16:45

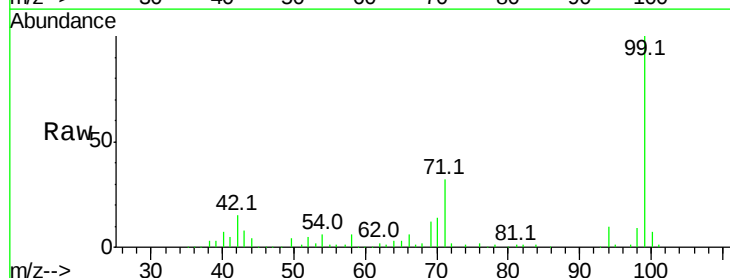
Tgt Ion: 94 Resp: 25957

Ion Ratio Lower Upper

94 100

65 31.8 9.9 49.9

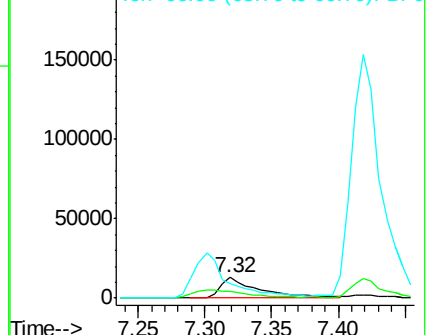
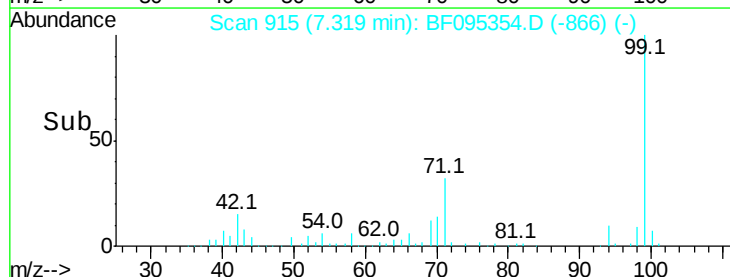
66 67.4 23.1 63.1#

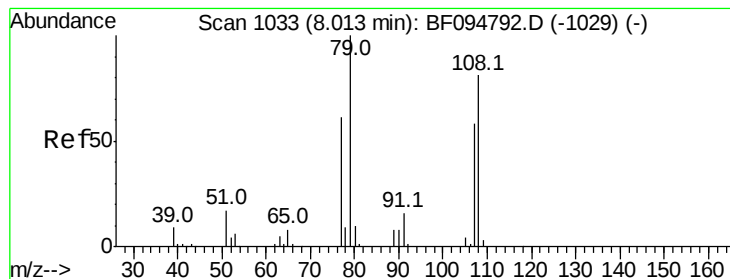


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 7.99 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF095354.D

Acq: 23 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

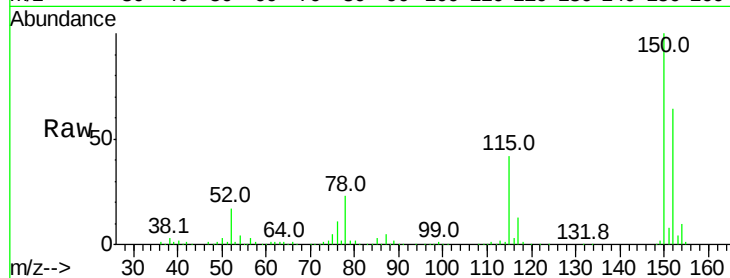
Tot Ion: 79 Resp: 10295

Ion Ratio Lower Upper

79 100

108 30.0 63.4 95.0#

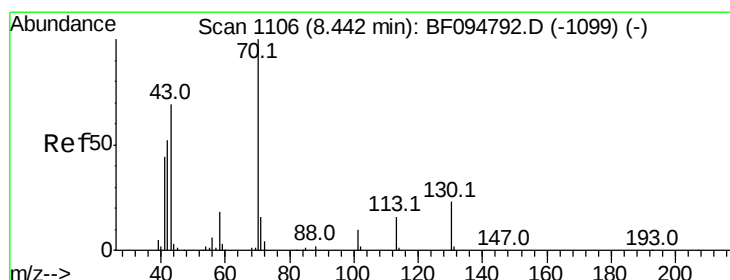
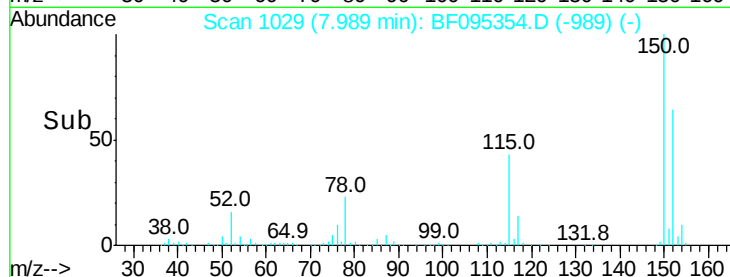
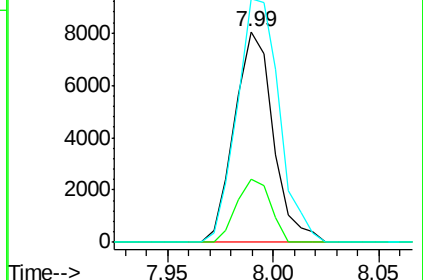
77 115.4 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.71 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095354.D

Acq: 23 May 2017 16:45

Tgt Ion: 70 Resp: 83307

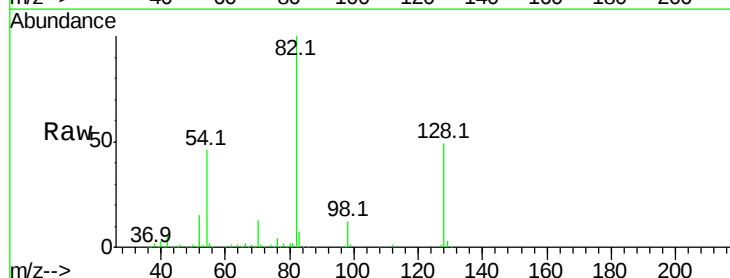
Ion Ratio Lower Upper

70 100

42 43.5 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

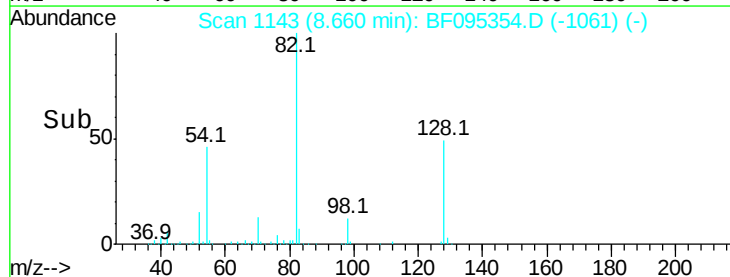
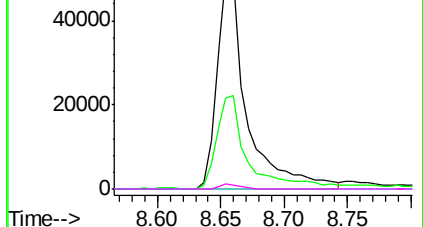


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF095354.D

Acq: 23 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 429012

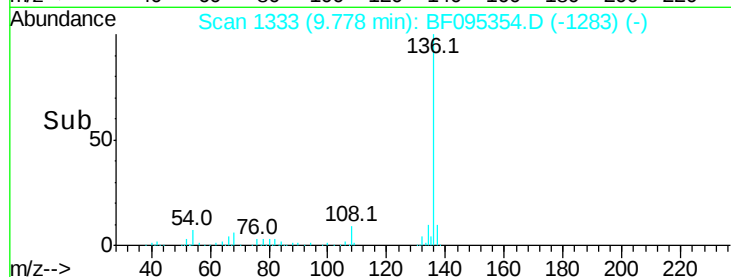
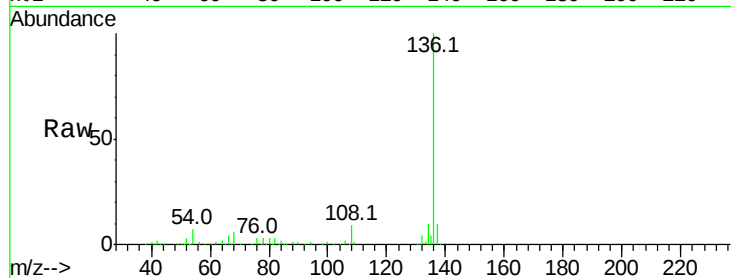
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.6 4.9 7.3

68 5.6 4.1 6.1

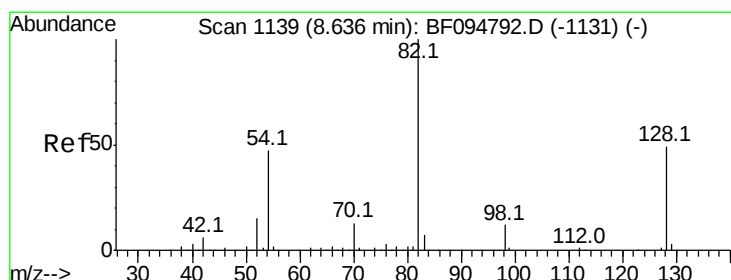
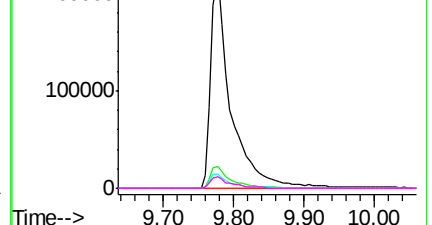


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.36 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF095354.D

Acq: 23 May 2017 16:45

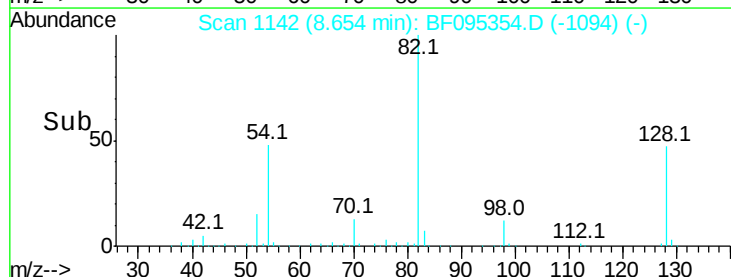
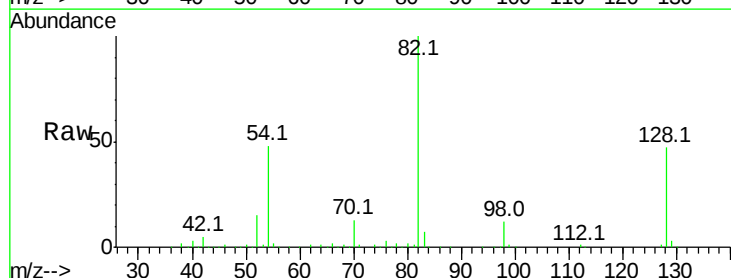
Tgt Ion: 82 Resp: 703174

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

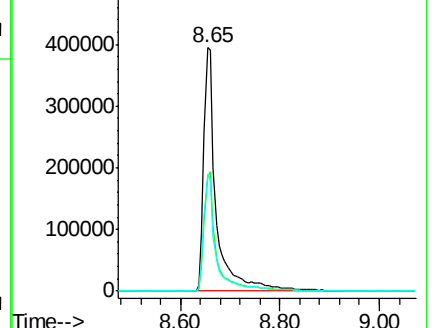
54 48.1 42.2 63.2

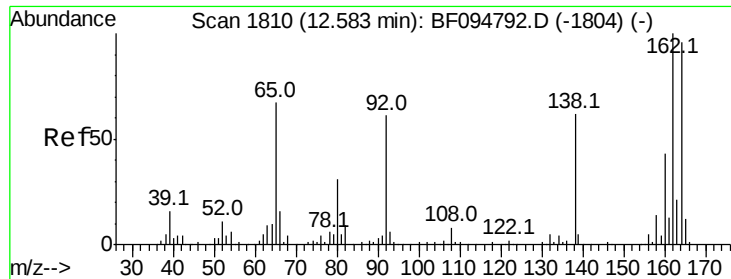


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF095354.D

Acq: 23 May 2017 16:45

Instrument :

BNA_F

ClientSampleId :

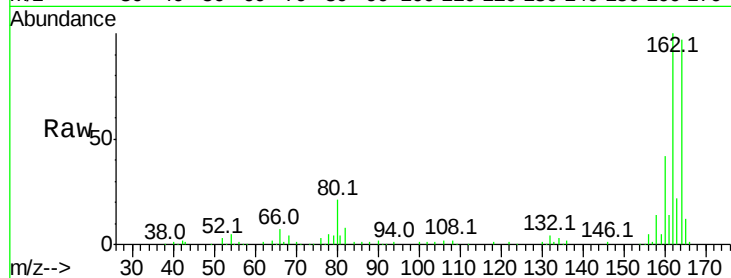
Tot Ion:164 Resp: 204161

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

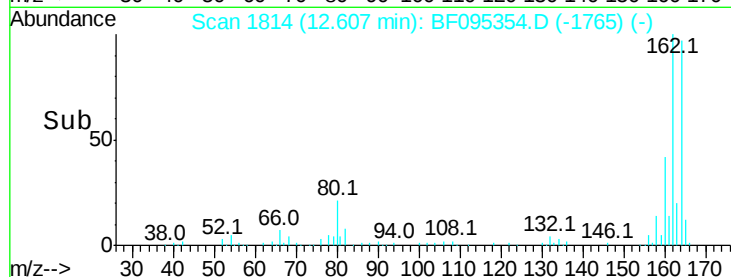
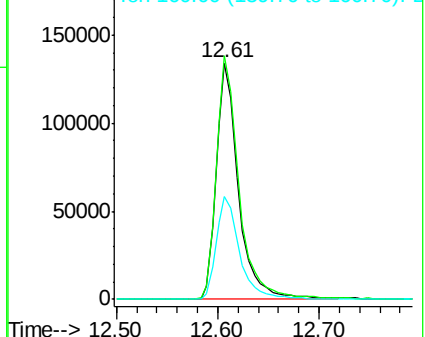
160 43.5 36.2 54.2



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: 156.73 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095354.D

Acq: 23 May 2017 16:45

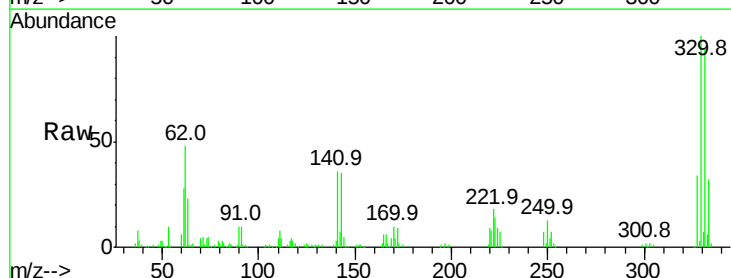
Tgt Ion:330 Resp: 262052

Ion Ratio Lower Upper

330 100

332 94.8 76.6 115.0

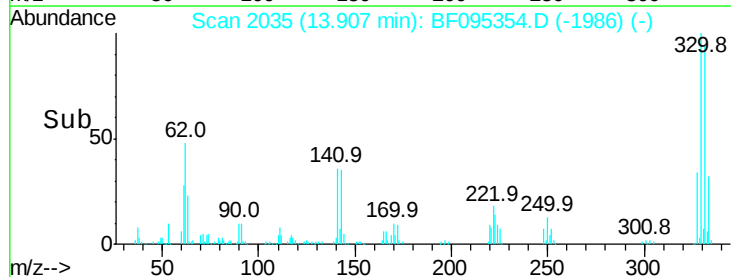
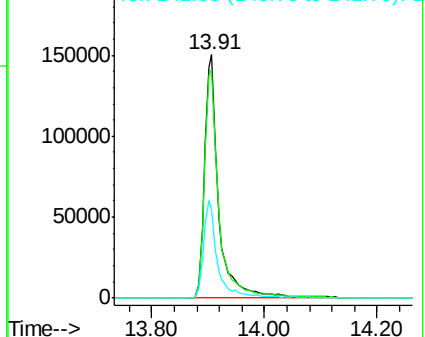
141 39.4 31.4 47.2

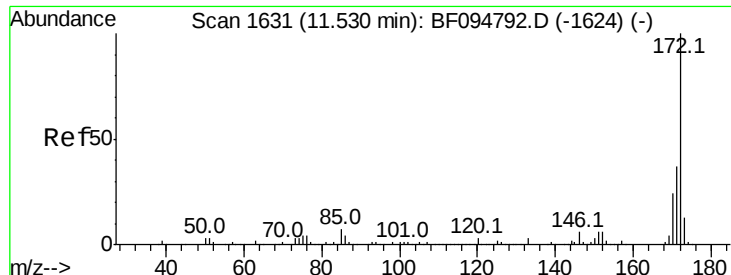


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

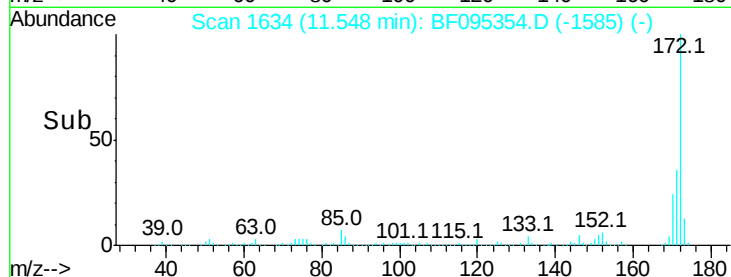
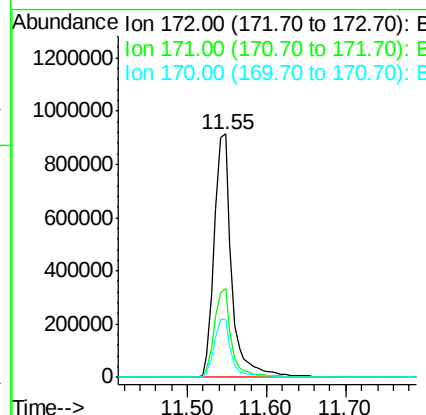
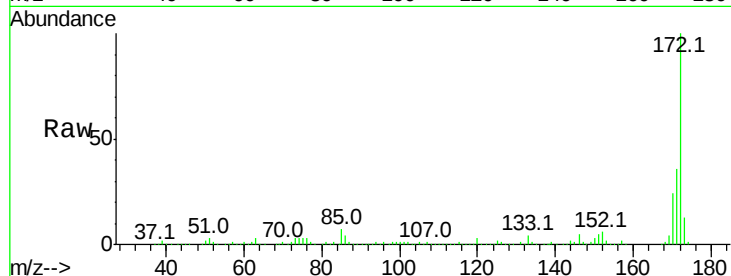




#44
2-Fluorobiphenyl
Concen: 99.71 ng
RT: 11.55 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BF095354.D
Acq: 23 May 2017 16:45

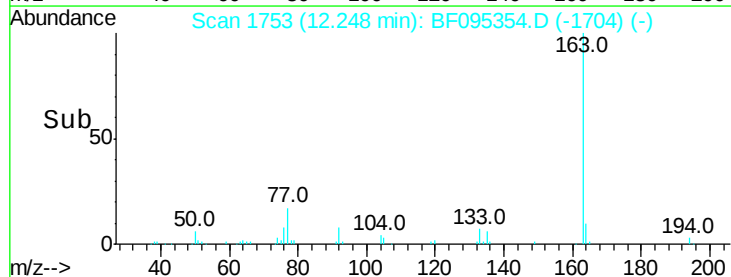
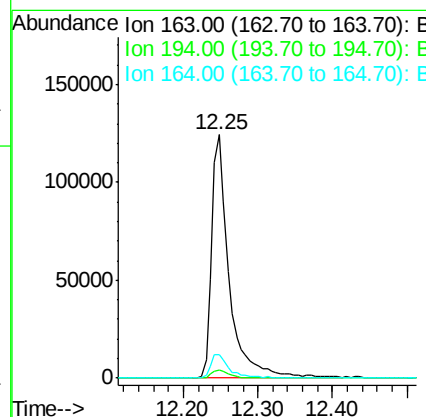
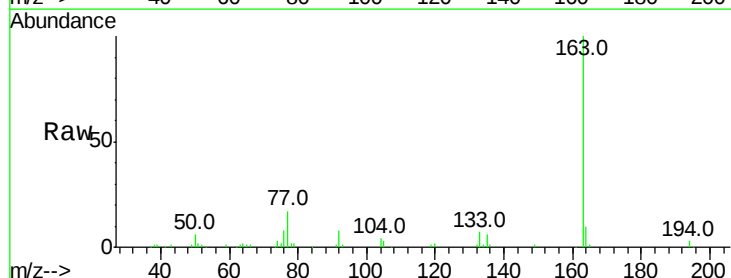
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1414305
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.6 19.8 29.8



#49
Dimethylphthalate
Concen: 12.14 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095354.D
Acq: 23 May 2017 16:45

Tgt Ion:163 Resp: 203477
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.7 8.4 12.6

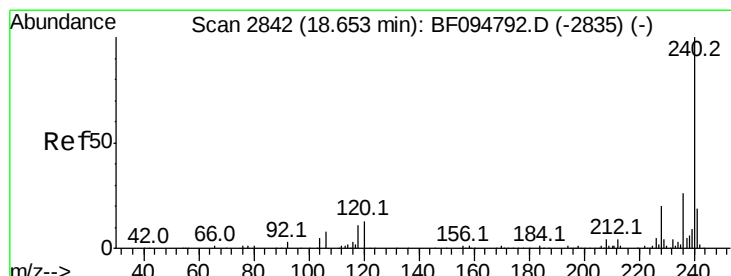
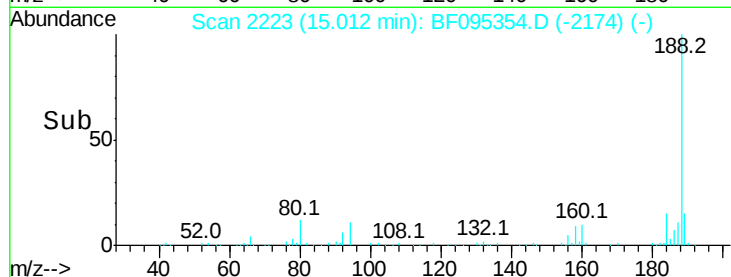
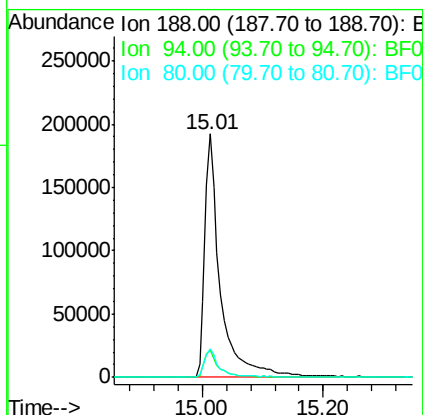
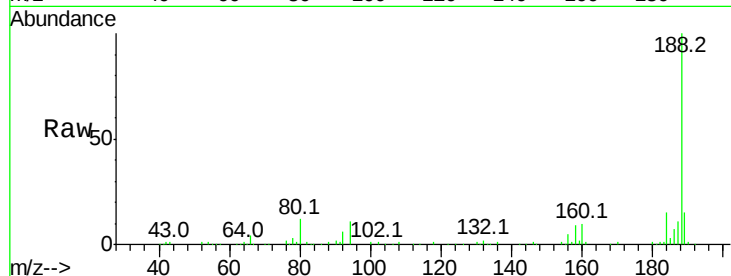




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095354.D
 Acq: 23 May 2017 16:45

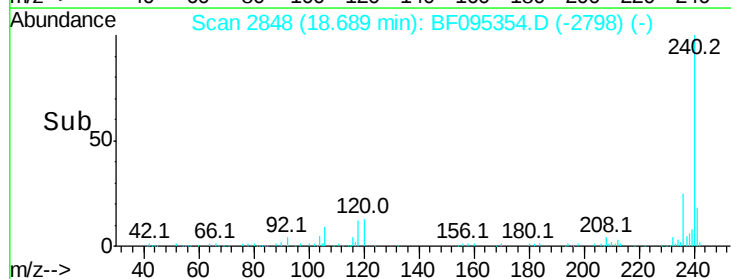
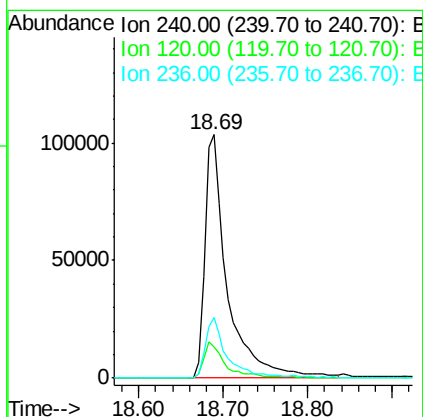
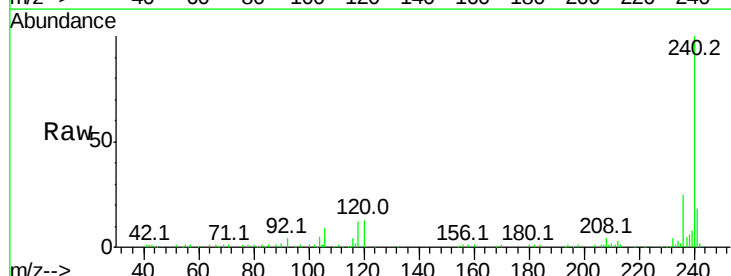
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 347185
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.6 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095354.D
 Acq: 23 May 2017 16:45

Tgt Ion:240 Resp: 191148
 Ion Ratio Lower Upper
 240 100
 120 13.0 5.8 8.8#
 236 24.9 20.5 30.7

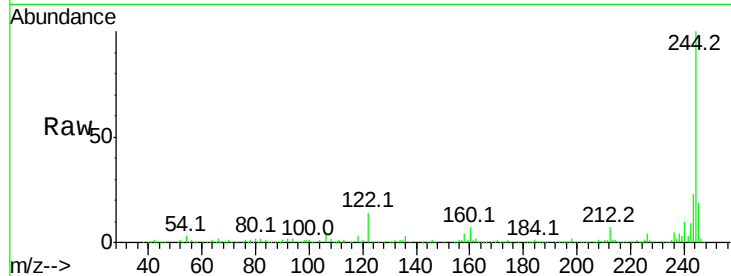




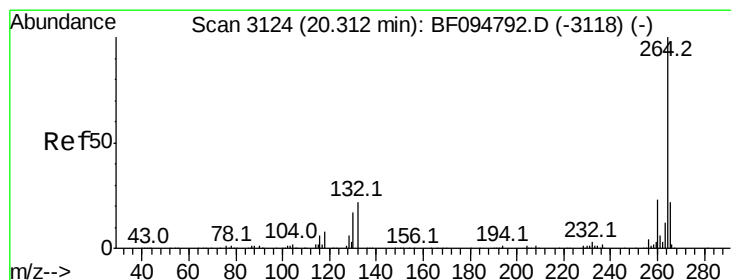
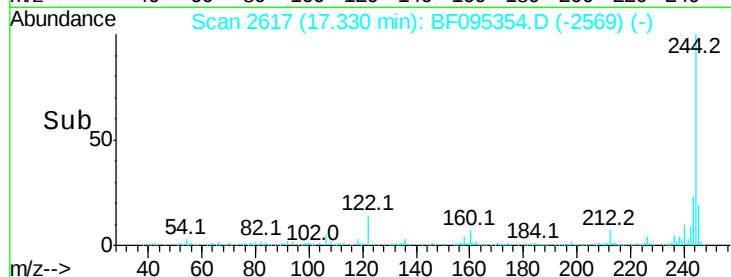
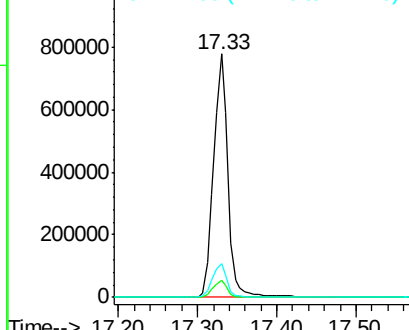
#78
 Terphenyl-d14
 Concen: 113.09 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095354.D
 Acq: 23 May 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 981416
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.0 10.3 15.5

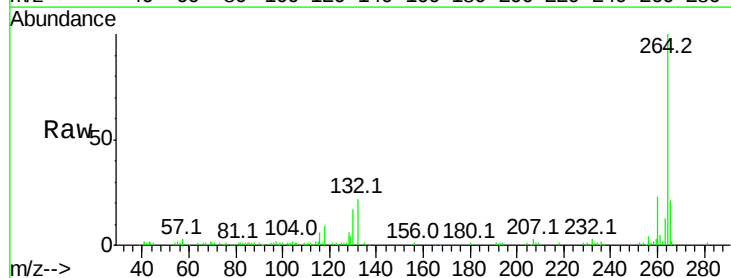


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095354.D
 Acq: 23 May 2017 16:45

Tgt Ion:264 Resp: 162521
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 21.4 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

