

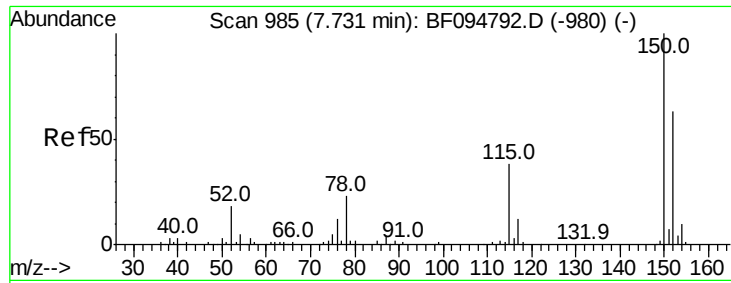
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095358.D
 Acq On : 23 May 2017 18:53
 Operator : SJ/MA
 Sample : I3243-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 01:30:19 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	107374	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	450605	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	202669	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	329273	20.00	ng	-0.01
75) Chrysene-d12	18.69	240	175511	20.00	ng	0.00
86) Perylene-d12	20.36	264	180495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	912042	141.61	ng	-0.01
7) Phenol-d6	7.30	99	1142012	147.79	ng	-0.01
23) Nitrobenzene-d5	8.66	82	689992	96.56	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	229226	138.11	ng	-0.02
44) 2-Fluorobiphenyl	11.55	172	1335364	94.84	ng	-0.01
78) Terphenyl-d14	17.33	244	782350	98.18	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	20241	2.49	ng	# 56
15) Benzyl Alcohol	7.99	79	10732	2.16	ng	# 38
19) n-Nitroso-di-n-propylamine	8.66	70	81904	15.67	ng	# 75
49) Dimethylphthalate	12.25	163	191922	11.54	ng	99

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

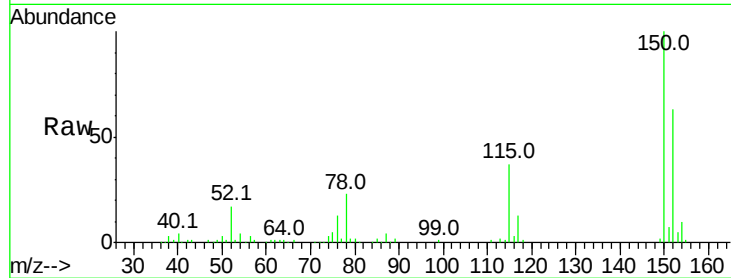


#1

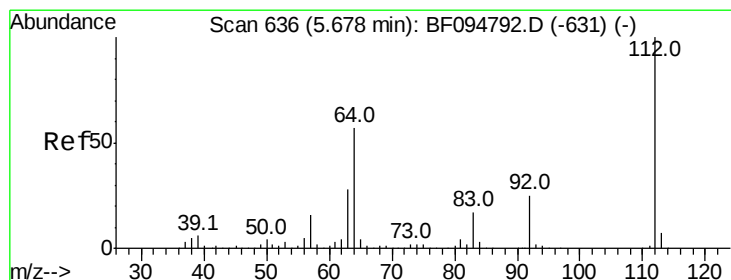
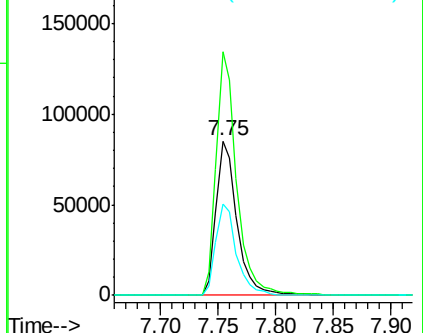
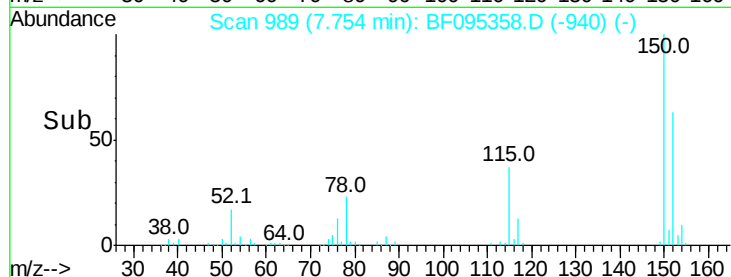
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095358.D
Acq: 23 May 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107374
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 58.9 52.2 78.2



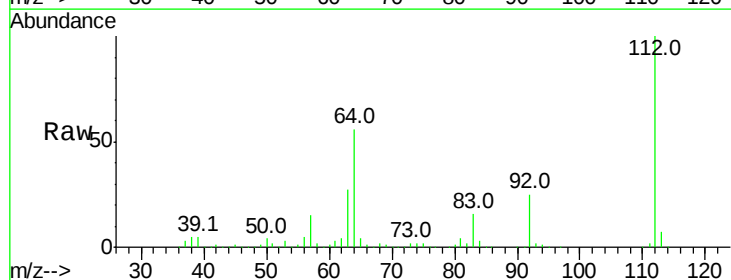
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



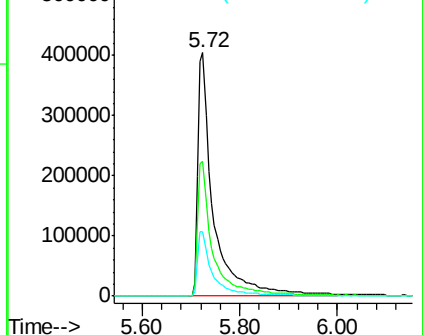
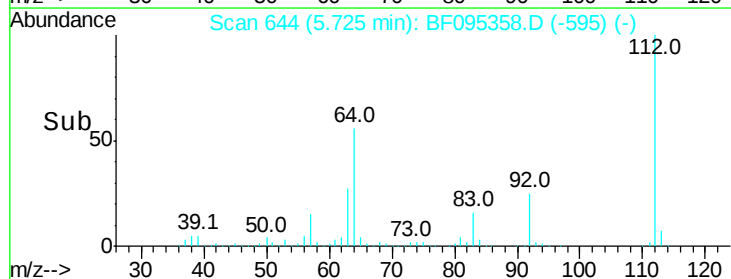
#5

2-Fluorophenol
Concen: 141.61 ng
RT: 5.72 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF095358.D
Acq: 23 May 2017 18:53

Tgt Ion:112 Resp: 912042
Ion Ratio Lower Upper
112 100
64 55.5 46.0 69.0
63 26.5 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: 147.79 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095358.D

Acq: 23 May 2017 18:53

Instrument :

BNA_F

ClientSampleId :

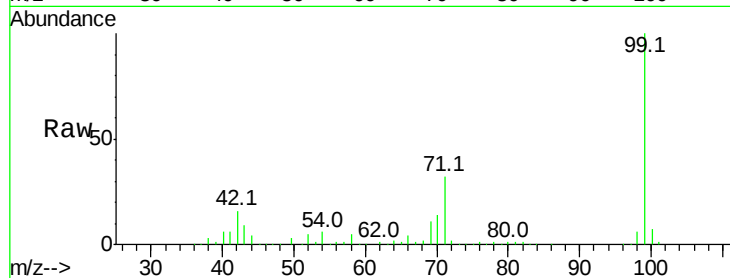
Tot Ion: 99 Resp: 1142012

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

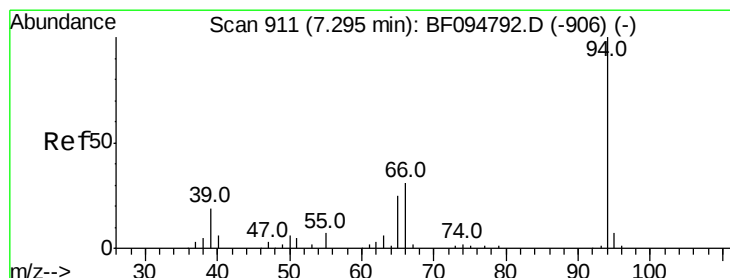
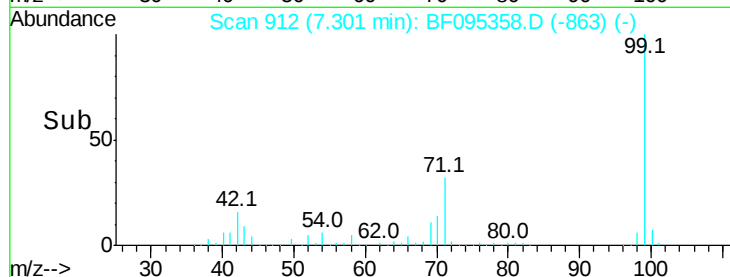
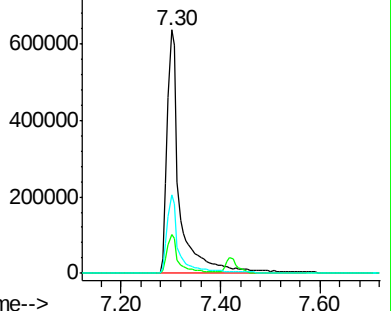
71 32.3 24.5 36.7



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: 2.49 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095358.D

Acq: 23 May 2017 18:53

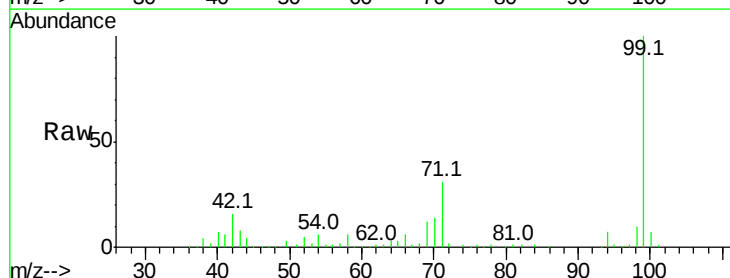
Tgt Ion: 94 Resp: 20241

Ion Ratio Lower Upper

94 100

65 39.0 9.9 49.9

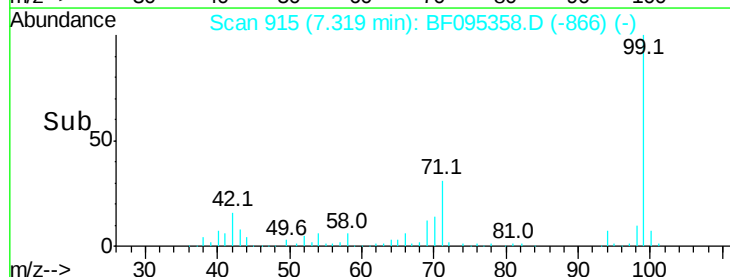
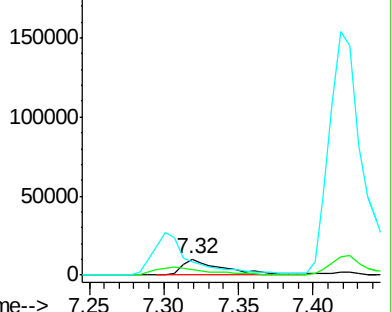
66 82.9 23.1 63.1#

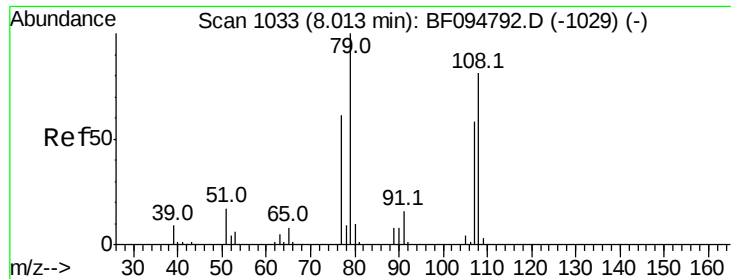


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

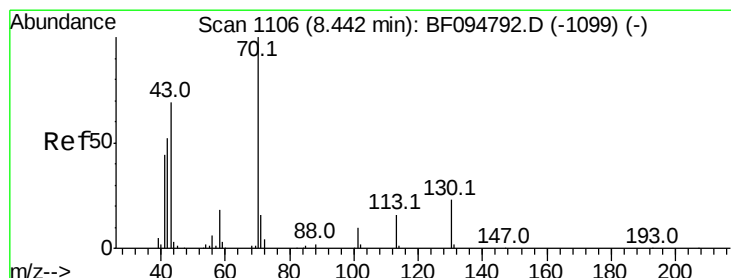
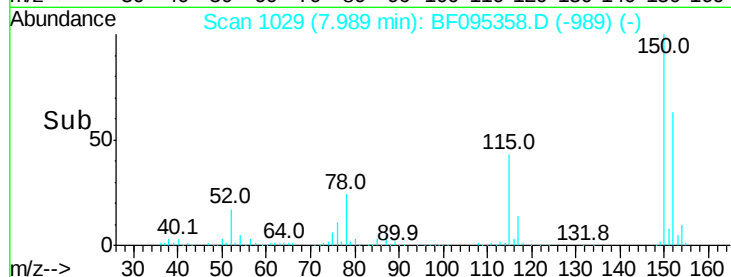
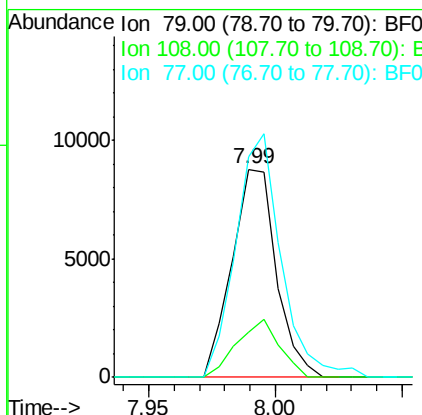
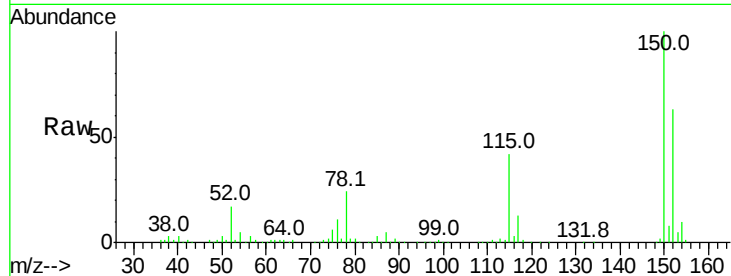




#15
Benzyl Alcohol
Concen: 2.16 ng
RT: 7.99 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF095358.D
Acq: 23 May 2017 18:53

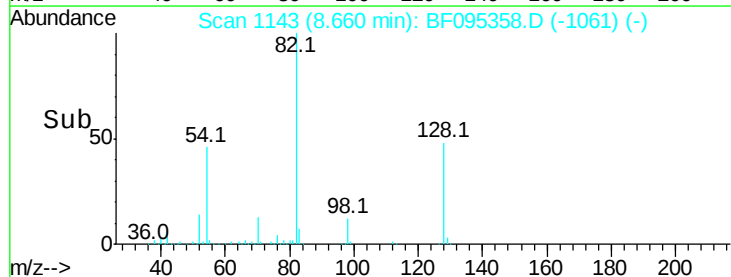
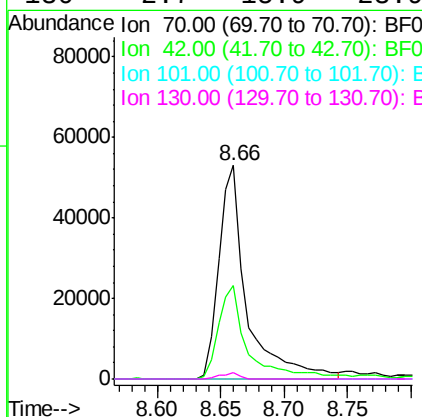
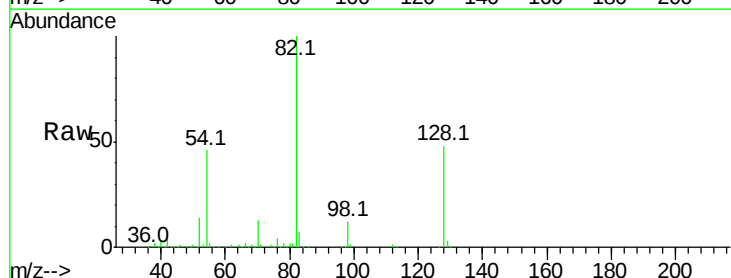
Instrument :
BNA_F
ClientSampled :

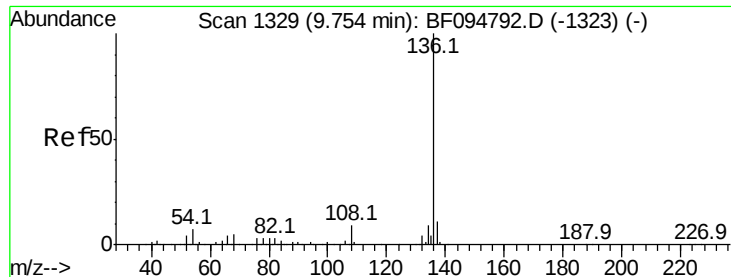
Tot Ion: 79 Resp: 10732
Ion Ratio Lower Upper
79 100
108 21.7 63.4 95.0#
77 105.8 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 15.67 ng
RT: 8.66 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF095358.D
Acq: 23 May 2017 18:53

Tgt Ion: 70 Resp: 81904
Ion Ratio Lower Upper
70 100
42 43.5 47.2 70.8#
101 0.0 7.2 10.8#
130 2.7 15.9 23.9#

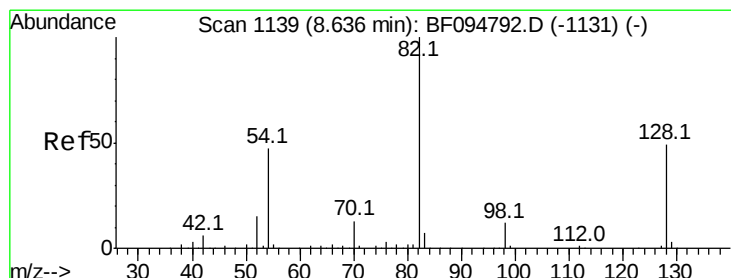
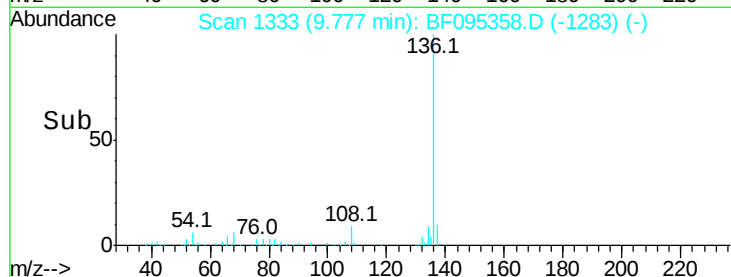
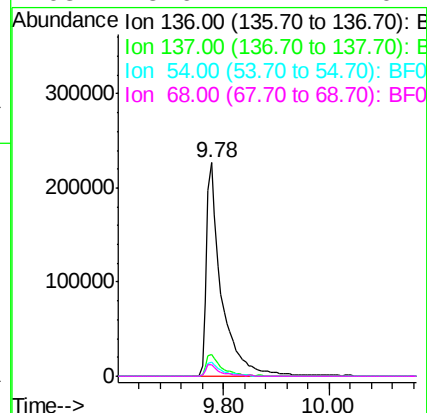
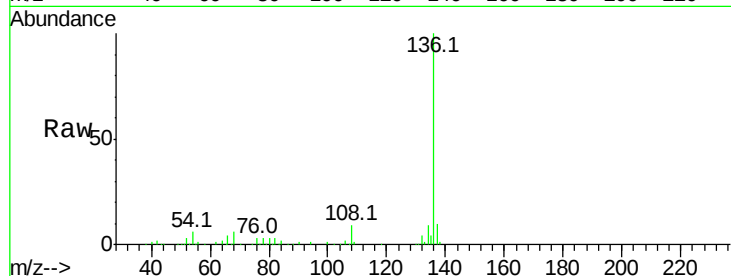




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF095358.D
Acq: 23 May 2017 18:53

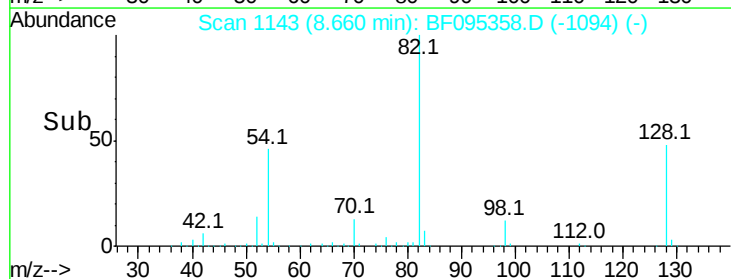
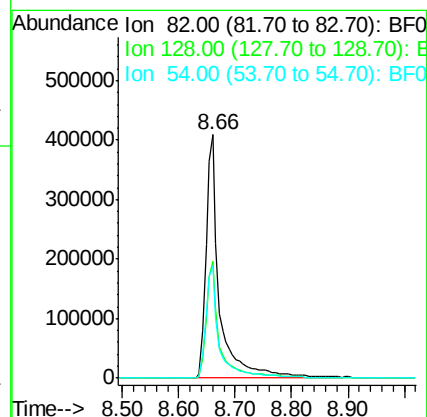
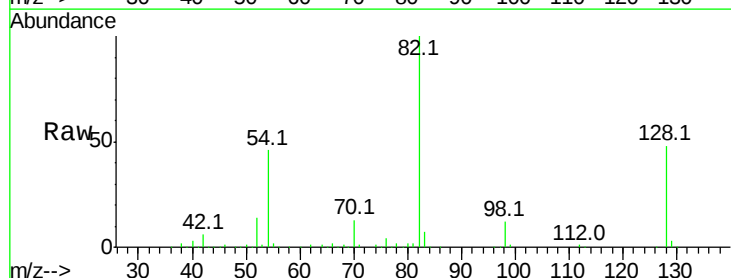
Instrument :
BNA_F
ClientSampleId :

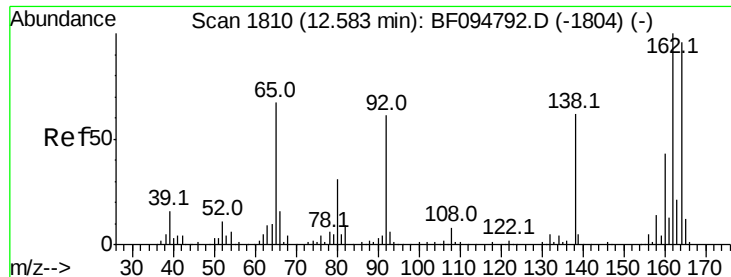
Tot Ion:136	Resp:	450605
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.5 12.7
54	6.4	4.9 7.3
68	5.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 96.56 ng
RT: 8.66 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF095358.D
Acq: 23 May 2017 18:53

Tgt Ion: 82	Resp:	689992
Ion Ratio	Lower	Upper
82	100	
128	48.2	34.0 51.0
54	45.7	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF095358.D

Acq: 23 May 2017 18:53

Instrument :

BNA_F

ClientSampleId :

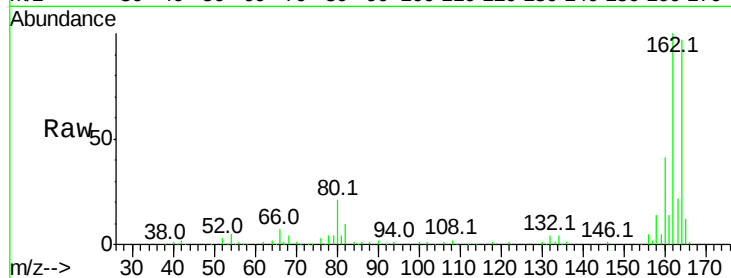
Tot Ion:164 Resp: 202669

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

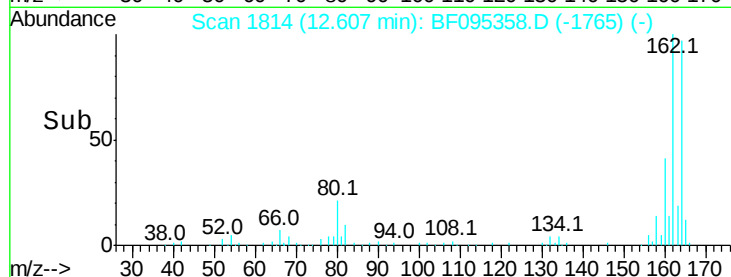
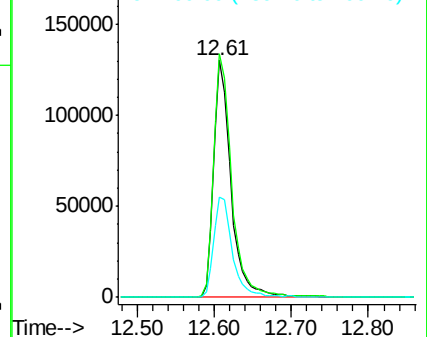
160 42.3 36.2 54.2



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: 138.11 ng

RT: 13.90 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF095358.D

Acq: 23 May 2017 18:53

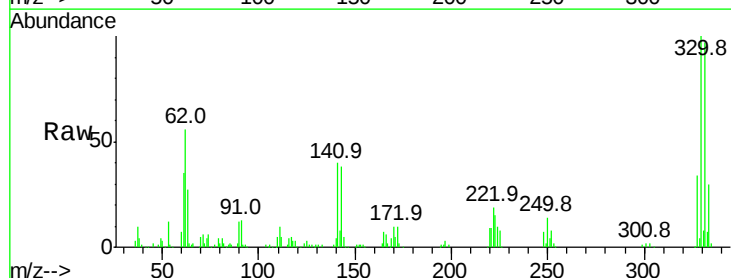
Tgt Ion:330 Resp: 229226

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

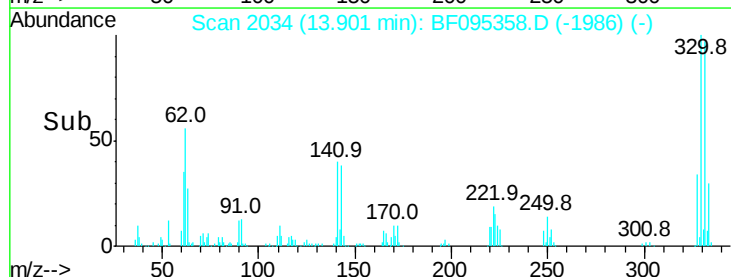
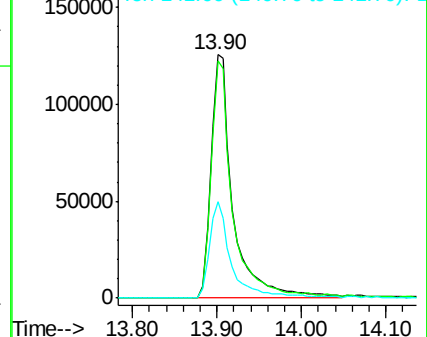
141 38.7 31.4 47.2



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

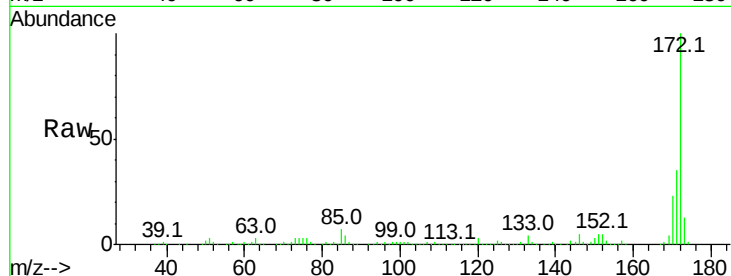




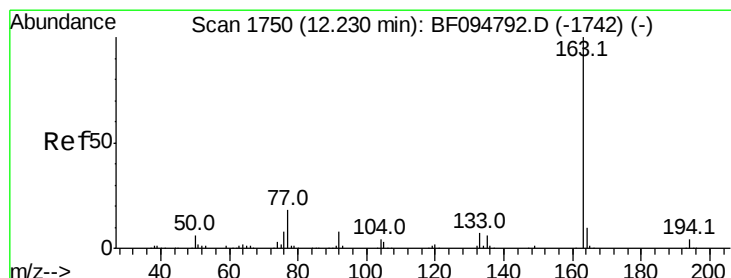
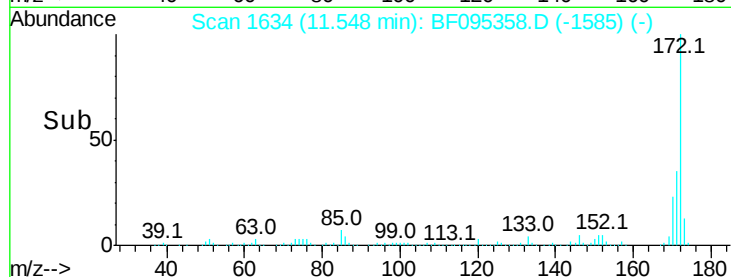
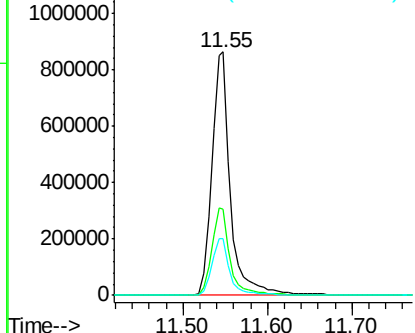
#44
2-Fluorobiphenyl
Concen: 94.84 ng
RT: 11.55 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BF095358.D
Acq: 23 May 2017 18:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1335364
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.3 19.8 29.8

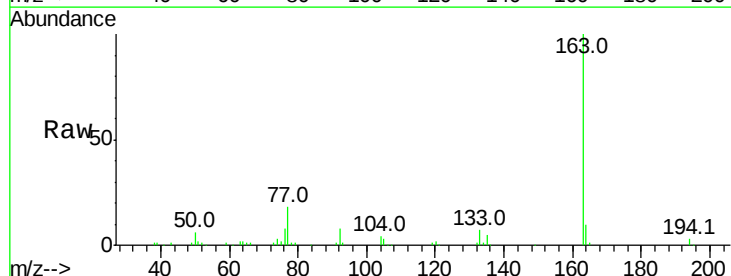


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

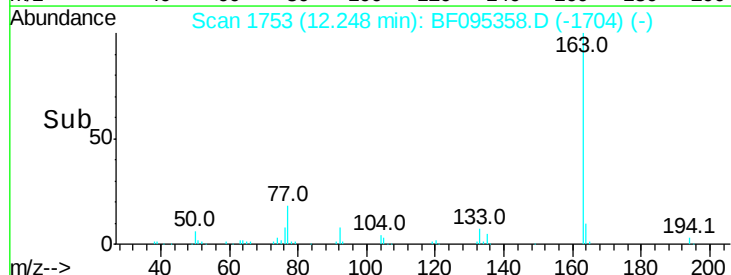
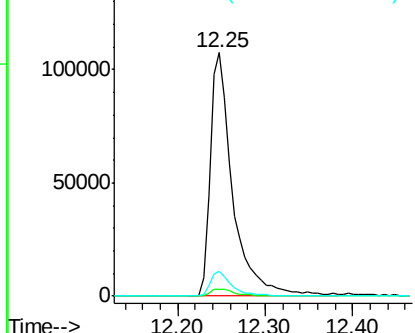


#49
Dimethylphthalate
Concen: 11.54 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095358.D
Acq: 23 May 2017 18:53

Tgt Ion:163 Resp: 191922
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.9 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: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF095358.D

Acq: 23 May 2017 18:53

Instrument :

BNA_F

ClientSampleId :

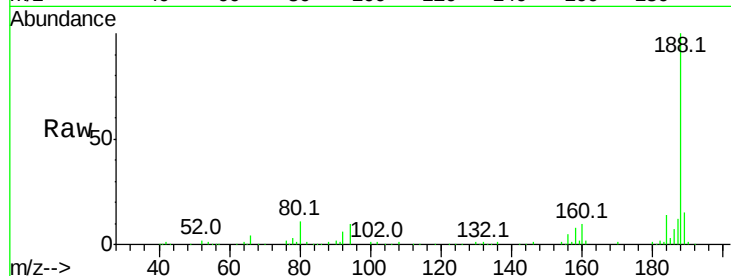
Tot Ion:188 Resp: 329273

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

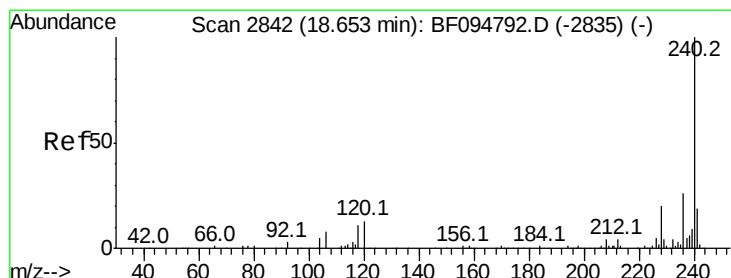
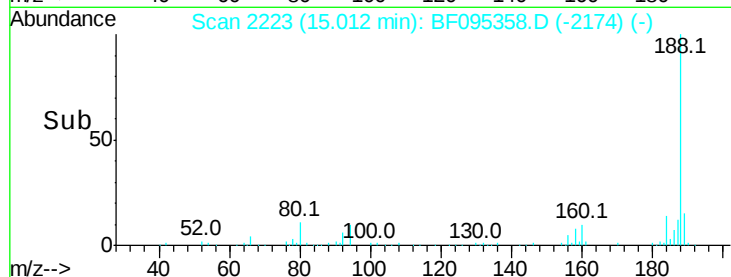
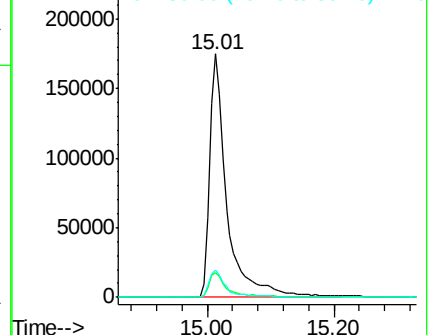
80 11.0 10.2 15.2



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: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095358.D

Acq: 23 May 2017 18:53

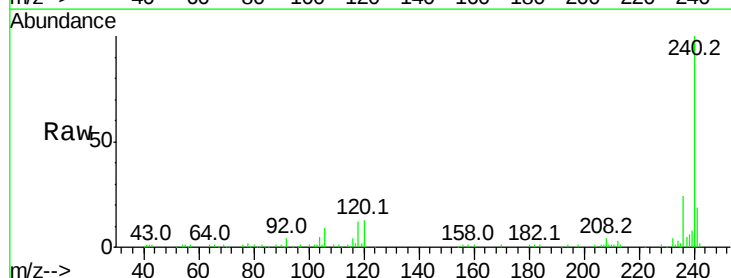
Tgt Ion:240 Resp: 175511

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

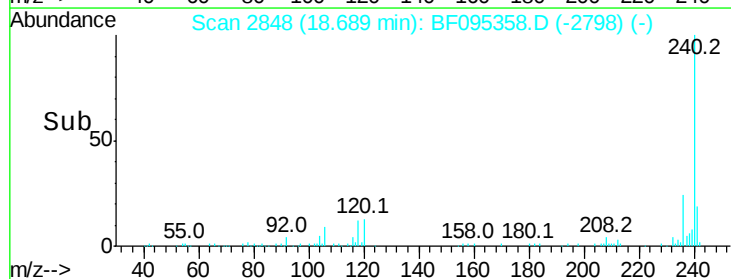
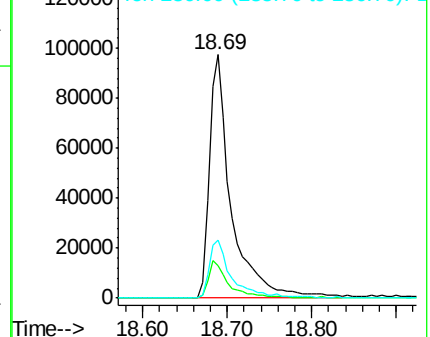
236 24.1 20.5 30.7



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

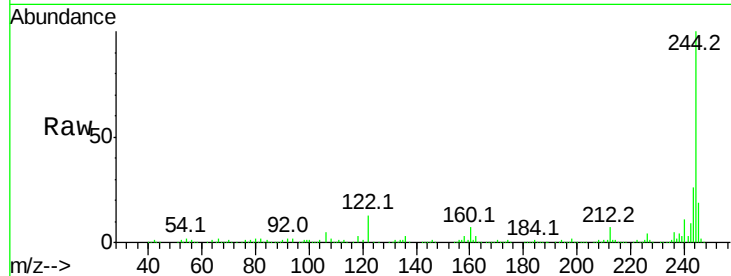




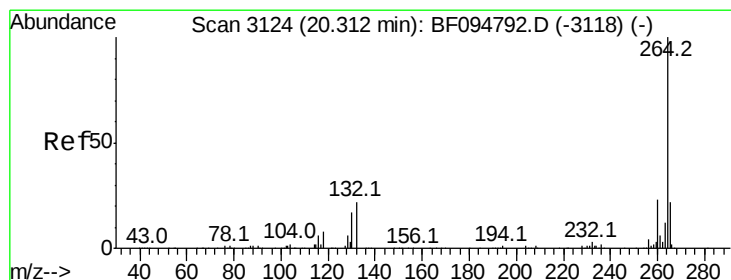
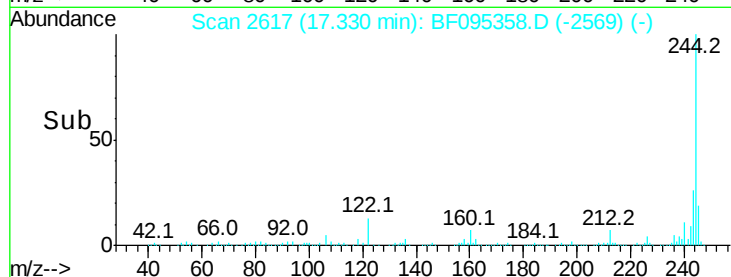
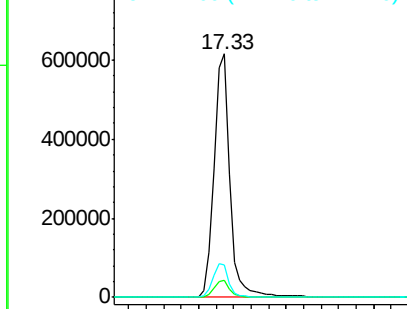
#78
 Terphenyl-d14
 Concen: 98.18 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095358.D
 Acq: 23 May 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 782350
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.4 10.3 15.5

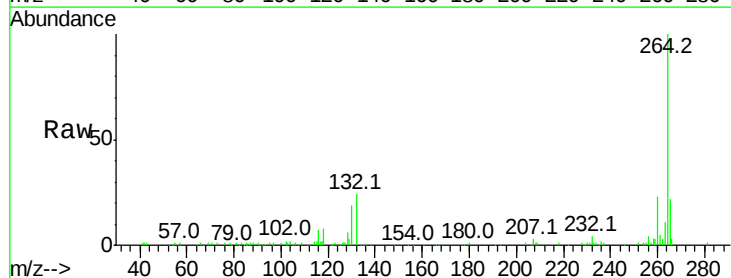


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095358.D
 Acq: 23 May 2017 18:53

Tgt Ion:264 Resp: 180495
 Ion Ratio Lower Upper
 264 100
 260 23.3 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

