

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053017\
 Data File : BF095558.D
 Acq On : 31 May 2017 6:38
 Operator : SJ/MA
 Sample : I3355-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 08:38:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

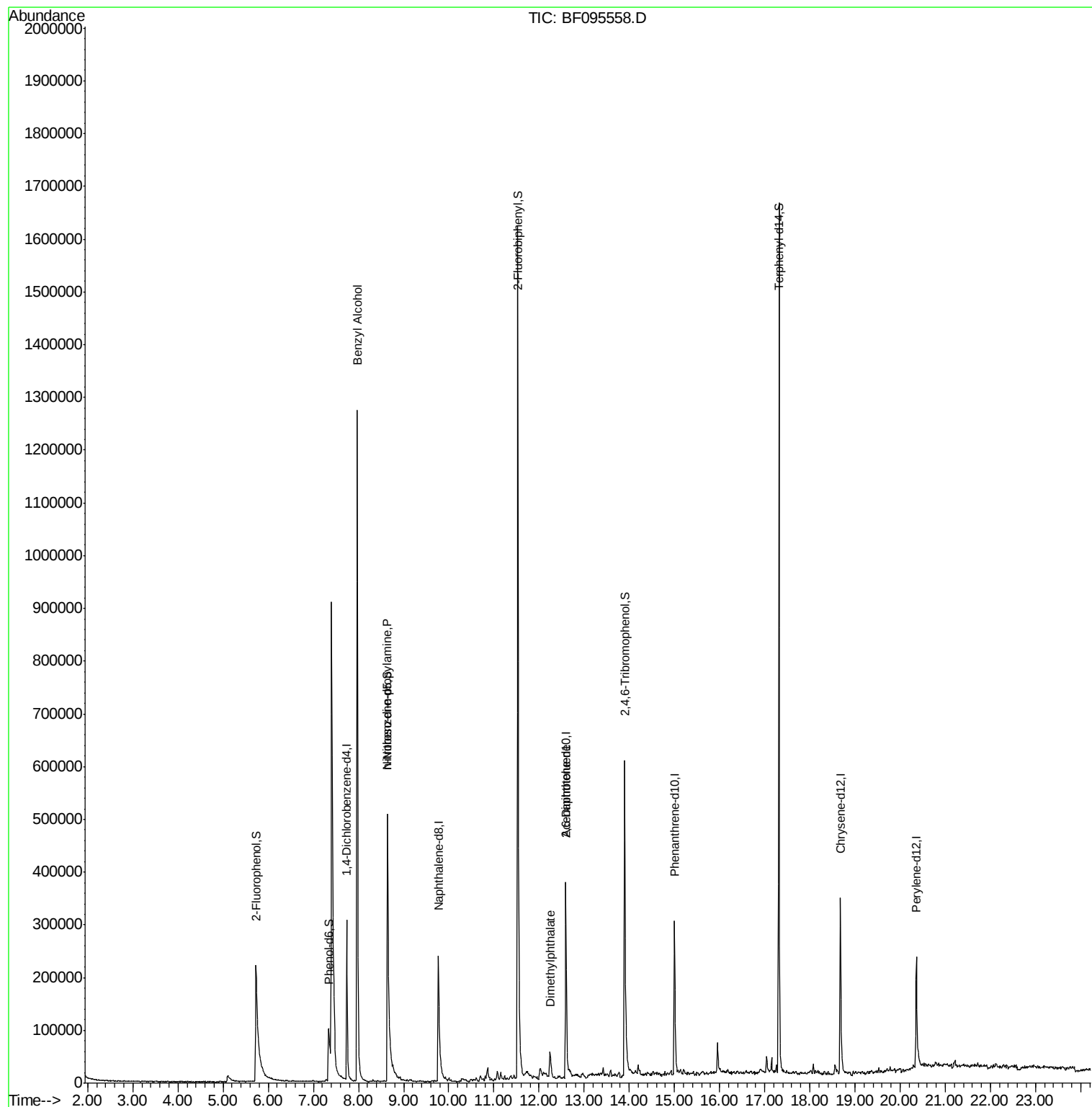
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	81547	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	307554	20.00	ng	0.01
38) Acenaphthene-d10	12.59	164	128108	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	190666	20.00	ng	0.00
75) Chrysene-d12	18.68	240	179231	20.00	ng	0.00
86) Perylene-d12	20.36	264	121832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	287194	58.72	ng	0.02
7) Phenol-d6	7.34	99	197433	33.64	ng	0.04
23) Nitrobenzene-d5	8.64	82	466796	95.71	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	140340	133.76	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	949958	106.73	ng	0.00
78) Terphenyl-d14	17.32	244	690466	84.85	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.97	79	7929	2.10	ng	# 43
19) n-Nitroso-di-n-propylamine	8.64	70	50670	12.77	ng	# 79
49) Dimethylphthalate	12.24	163	37896	3.60	ng	98
50) 2,6-Dinitrotoluene	12.59	165	14877	6.93	ng	# 34

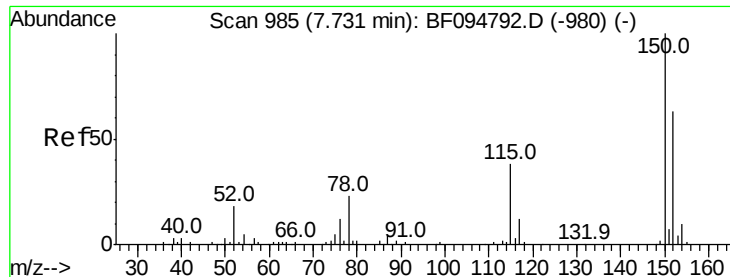
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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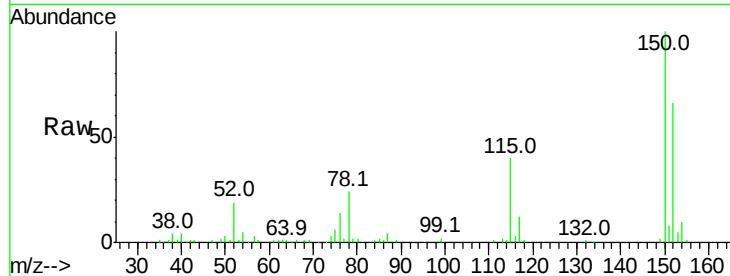


#1

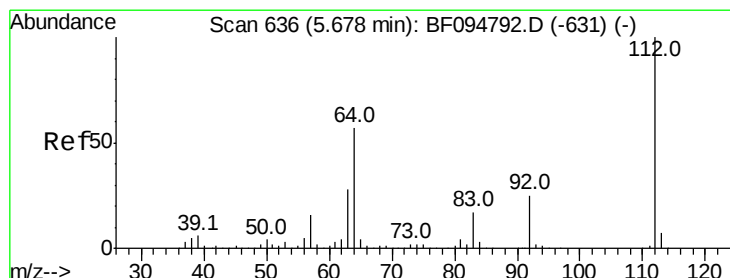
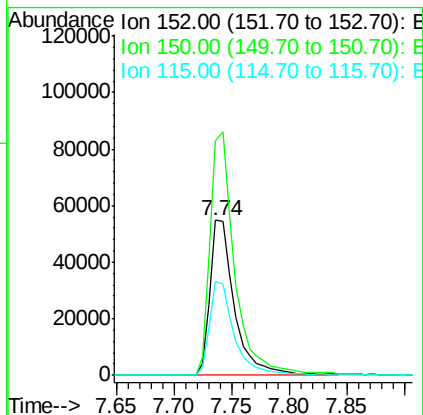
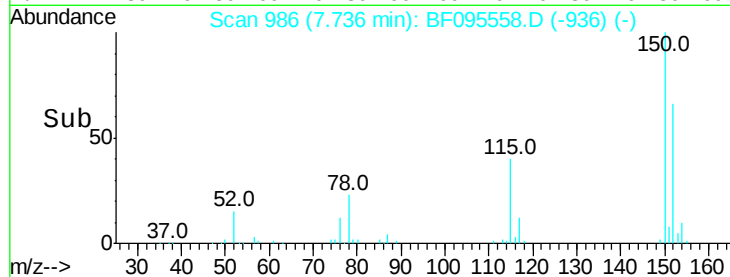
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095558.D
Acq: 31 May 2017 6:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 81547
Ion Ratio Lower Upper
152 100
150 151.3 126.2 189.2
115 60.5 52.2 78.2



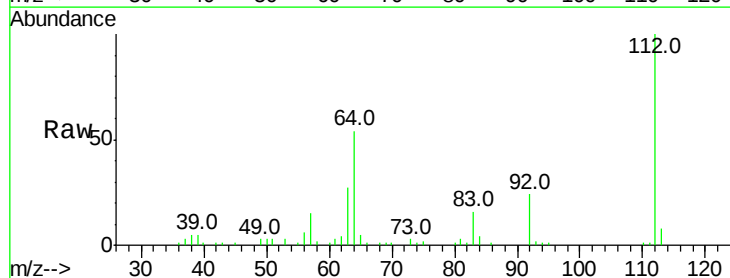
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



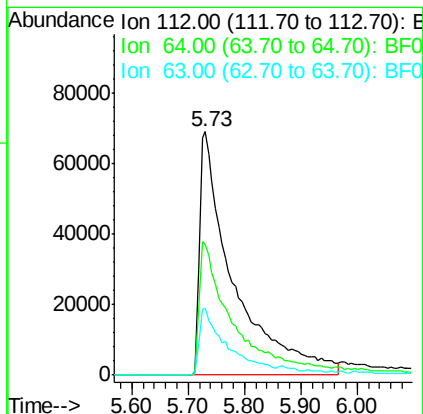
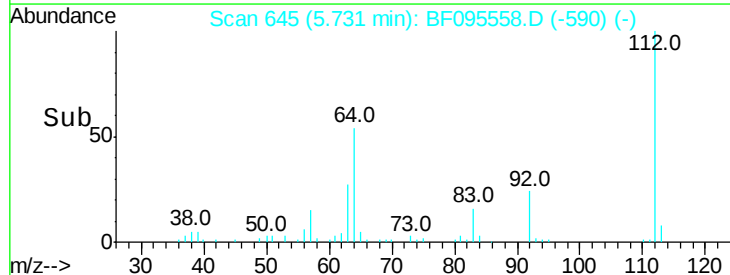
#5

2-Fluorophenol
Concen: 58.72 ng
RT: 5.73 min Scan# 645
Delta R.T. 0.02 min
Lab File: BF095558.D
Acq: 31 May 2017 6:38

Tgt Ion:112 Resp: 287194
Ion Ratio Lower Upper
112 100
64 53.6 46.0 69.0
63 27.3 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: 33.64 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF095558.D

Acq: 31 May 2017 6:38

Instrument :

BNA_F

ClientSampled :

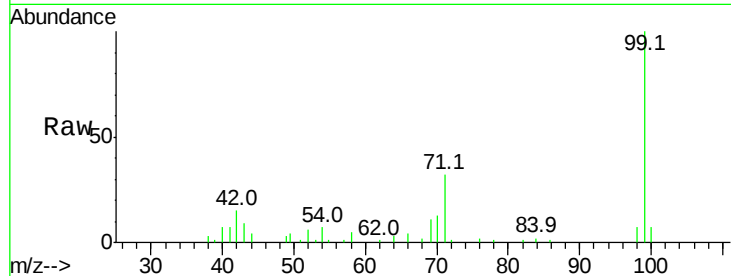
Tot Ion: 99 Resp: 197433

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

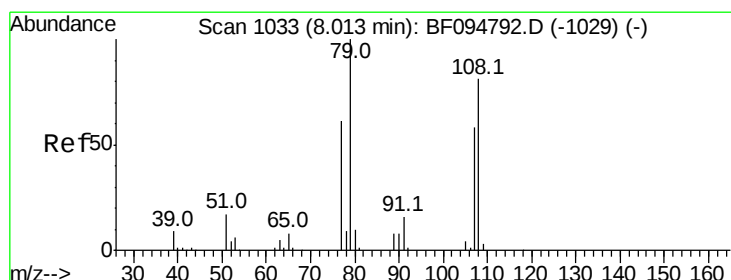
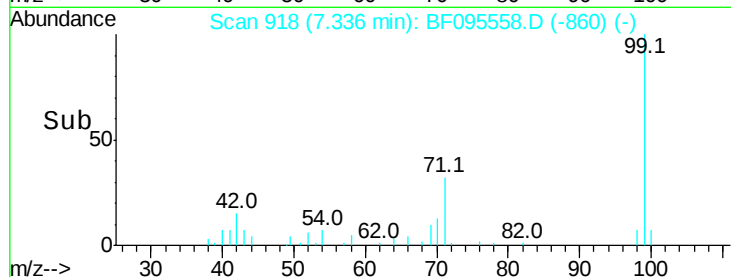
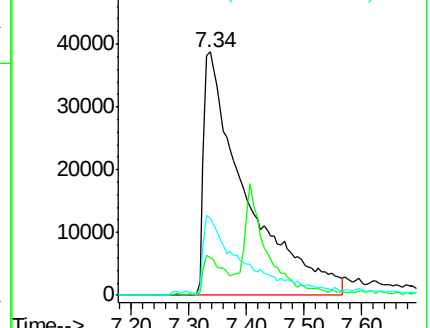
71 32.0 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 7.97 min Scan# 1026

Delta R.T. -0.06 min

Lab File: BF095558.D

Acq: 31 May 2017 6:38

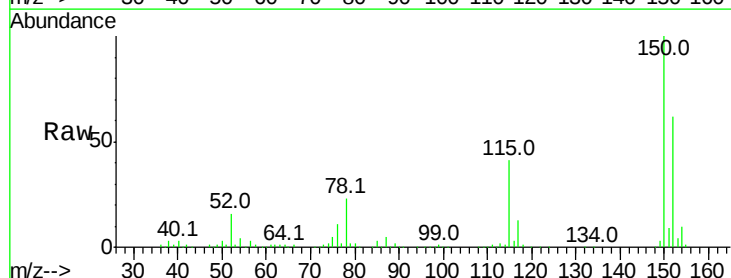
Tgt Ion: 79 Resp: 7929

Ion Ratio Lower Upper

79 100

108 27.5 63.4 95.0#

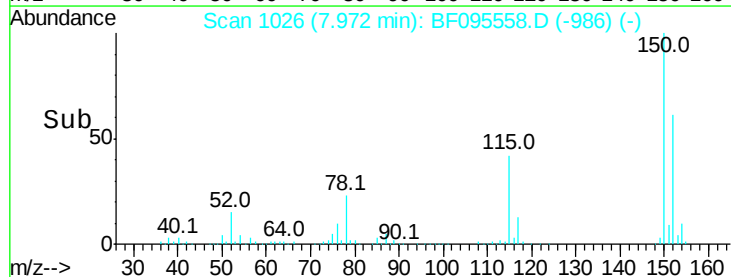
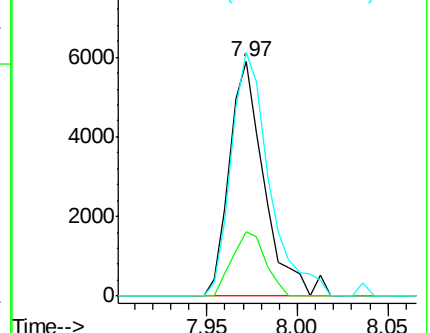
77 103.9 49.2 73.8#

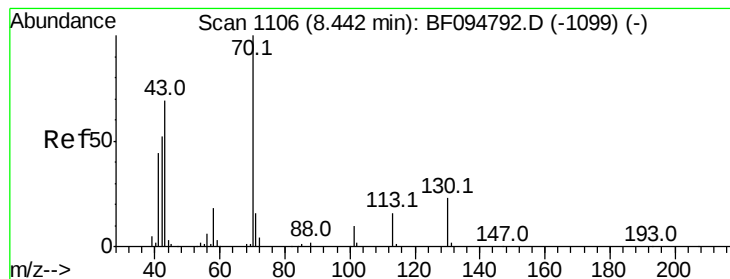


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 12.77 ng

RT: 8.64 min Scan# 1140

Delta R.T. 0.18 min

Lab File: BF095558.D

Acq: 31 May 2017 6:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 50670

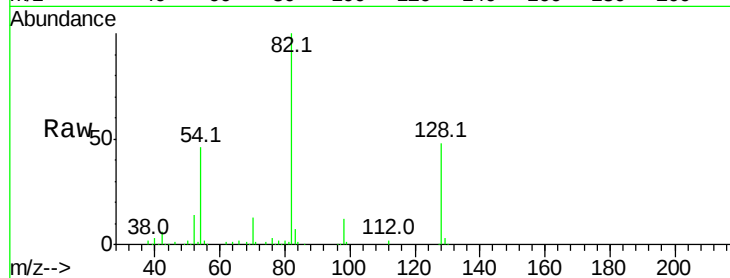
Ion Ratio Lower Upper

70 100

42 48.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

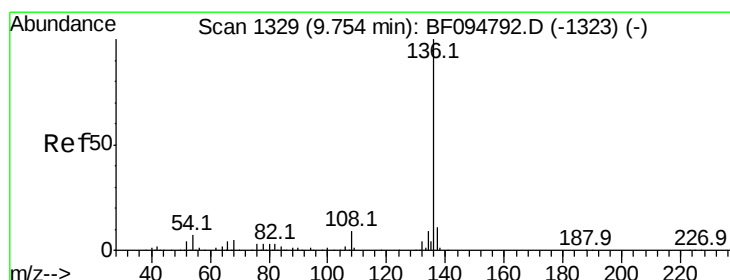
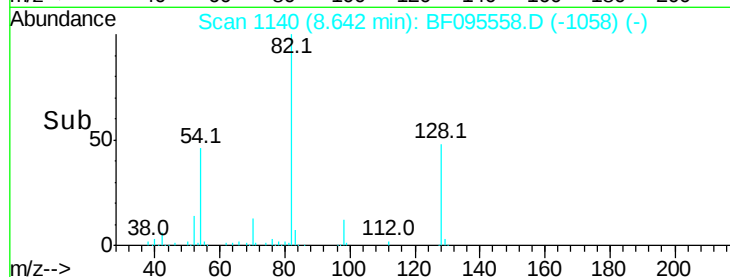
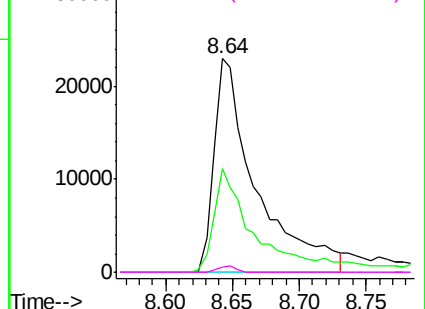


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF095558.D

Acq: 31 May 2017 6:38

Tgt Ion:136 Resp: 307554

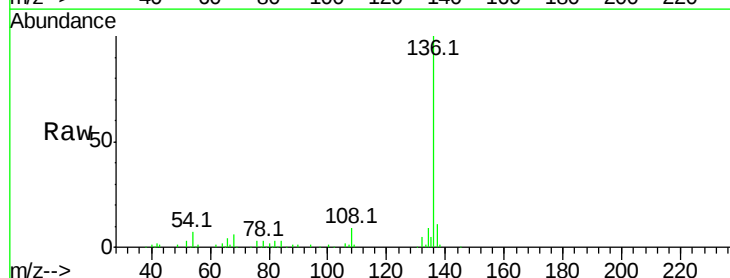
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.0 4.9 7.3

68 6.0 4.1 6.1

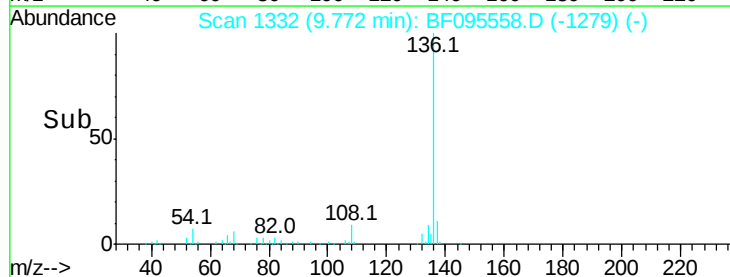
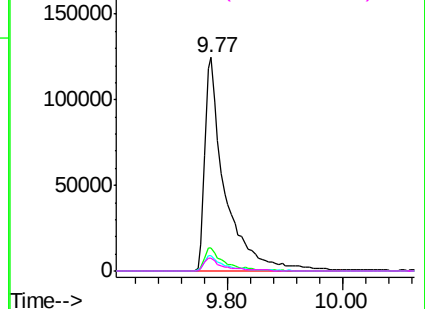


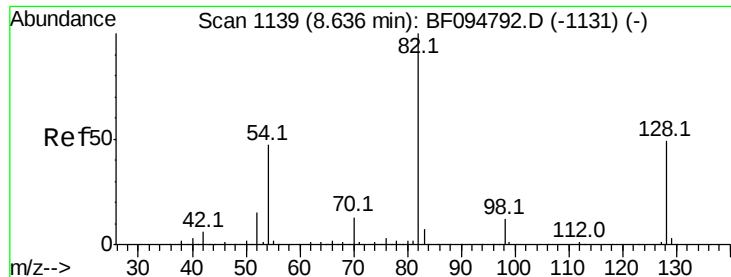
Abundance Ion 136.00 (135.70 to 136.70): E

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

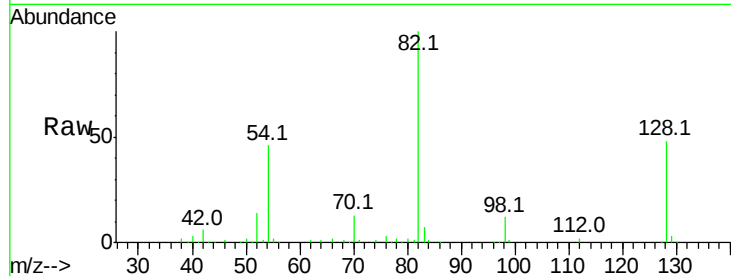




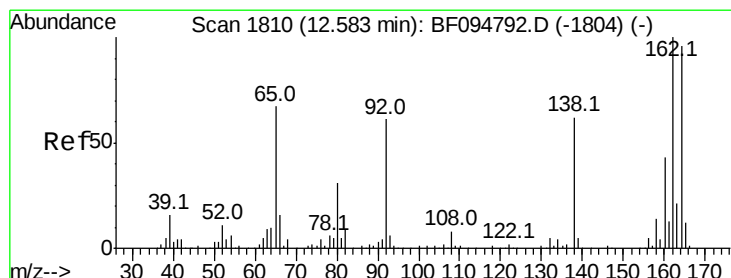
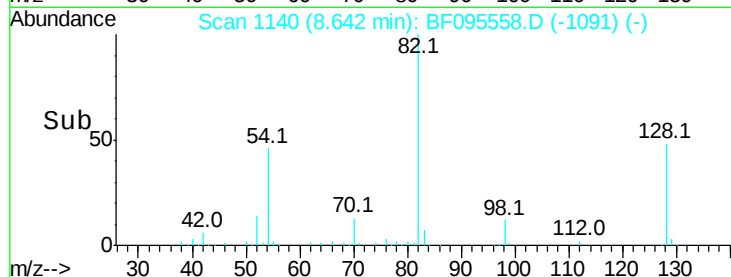
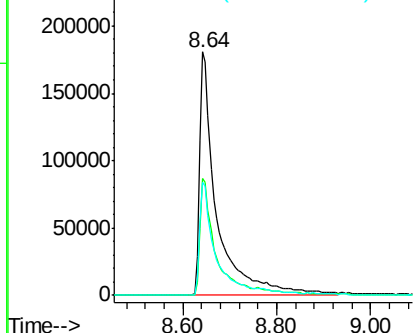
#23
 Nitrobenzene-d5
 Concen: 95.71 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF095558.D
 Acq: 31 May 2017 6:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.0	51.0
54	46.2	42.2	63.2

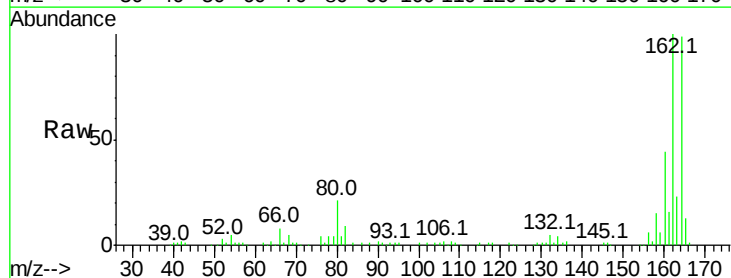


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

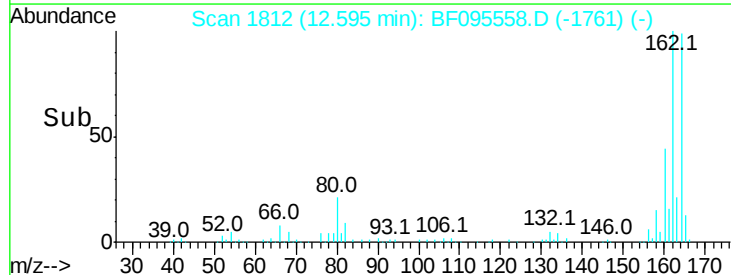
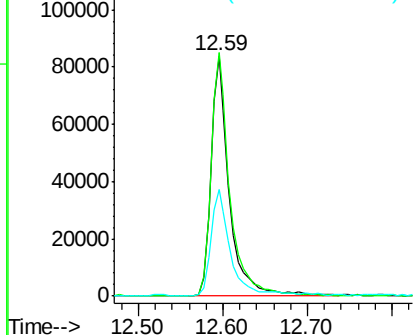


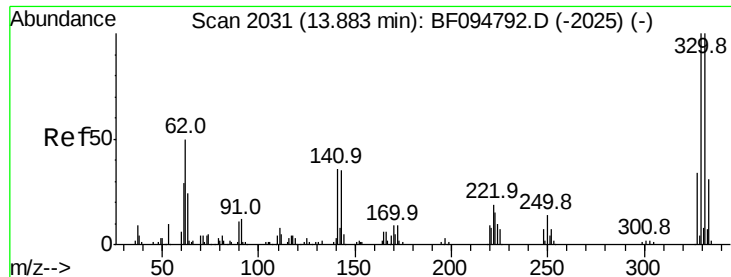
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.59 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BF095558.D
 Acq: 31 May 2017 6:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	44.4	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

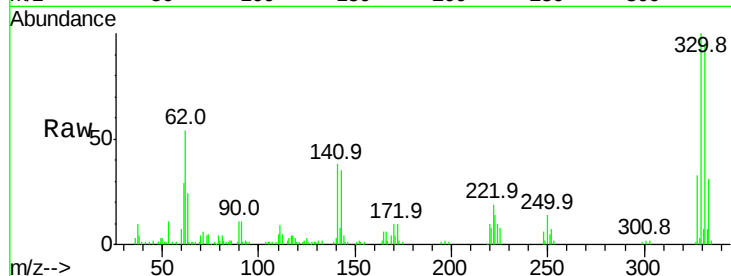




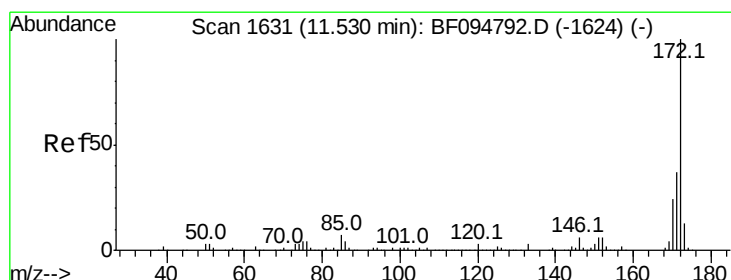
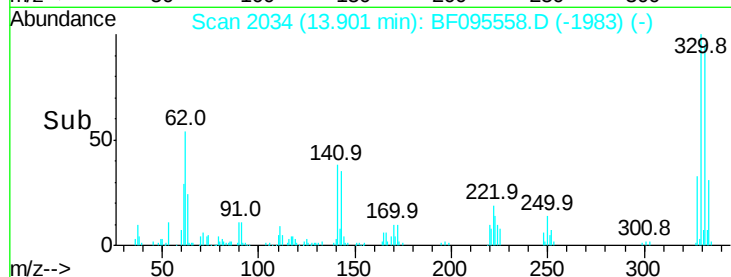
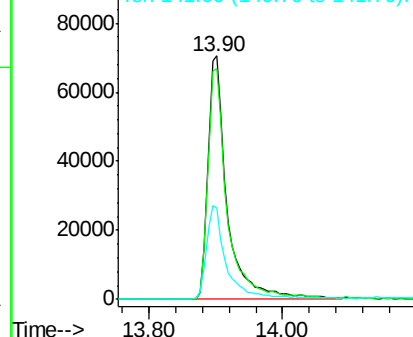
#41
 2,4,6-Tribromophenol
 Concen: 133.76 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF095558.D
 Acq: 31 May 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	39.1	31.4	47.2

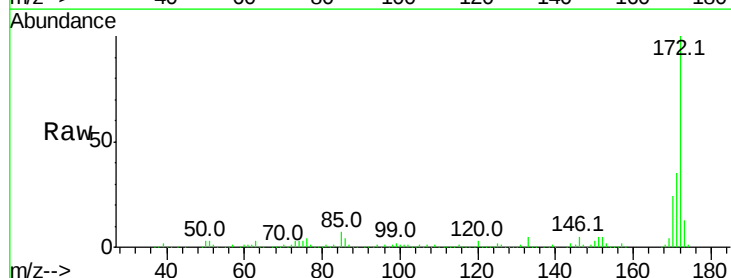


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

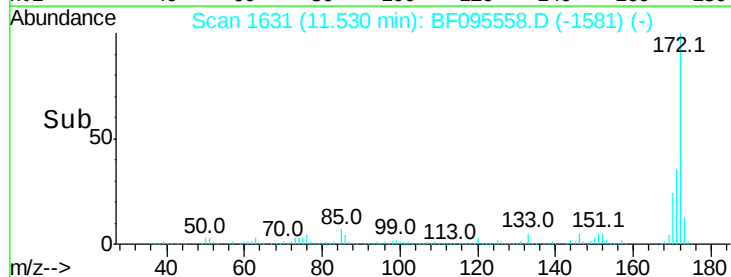
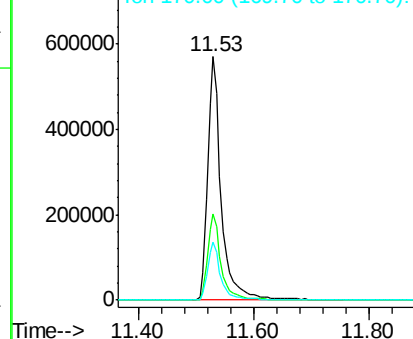


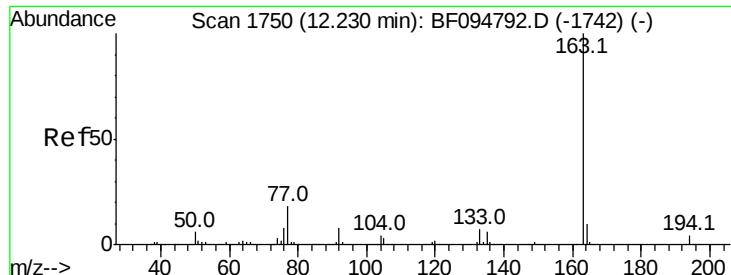
#44
 2-Fluorobiphenyl
 Concen: 106.73 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095558.D
 Acq: 31 May 2017 6:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	24.0	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: 3.60 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BF095558.D

Acq: 31 May 2017 6:38

Instrument :

BNA_F

ClientSampled :

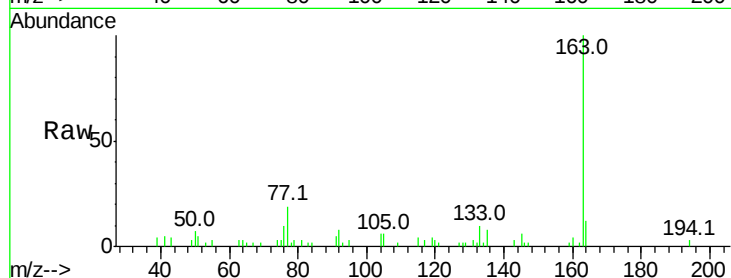
Tot Ion:163 Resp: 37896

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

164 11.6 8.4 12.6

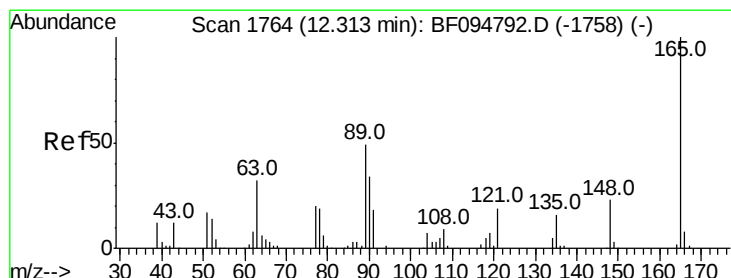
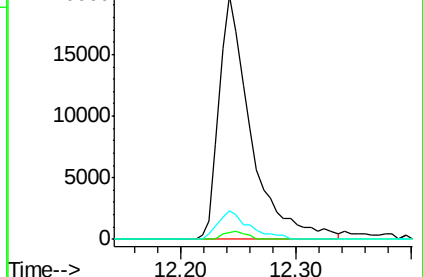
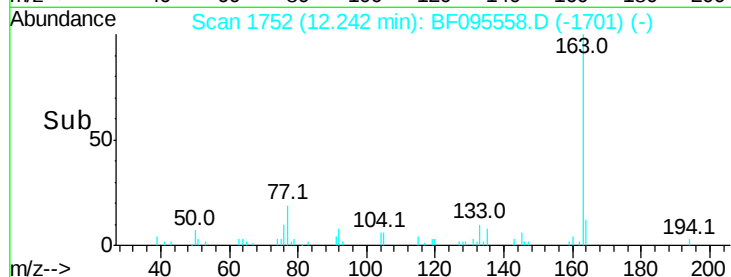


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

12.24



#50

2,6-Dinitrotoluene

Concen: 6.93 ng

RT: 12.59 min Scan# 1812

Delta R.T. 0.25 min

Lab File: BF095558.D

Acq: 31 May 2017 6:38

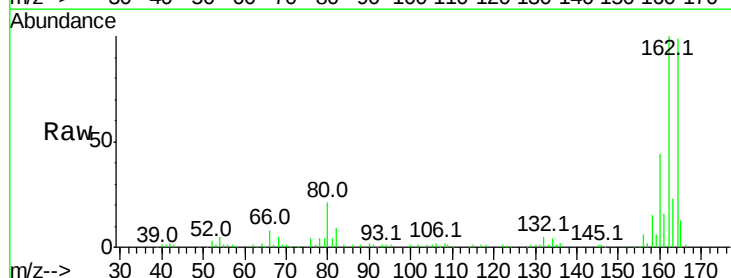
Tgt Ion:165 Resp: 14877

Ion Ratio Lower Upper

165 100

63 2.8 34.3 51.5#

89 0.0 37.1 55.7#

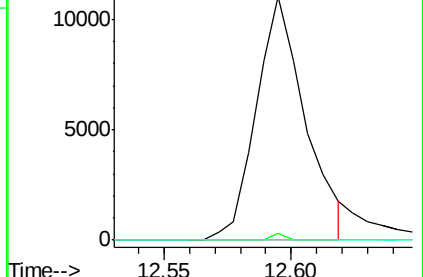
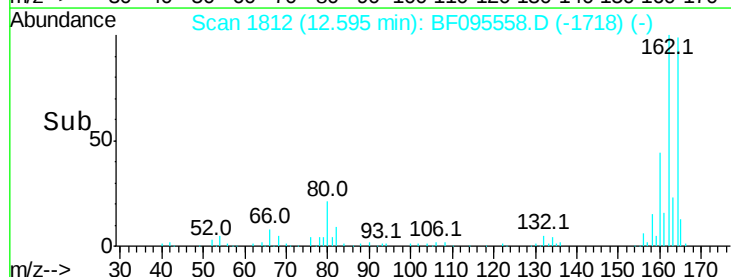


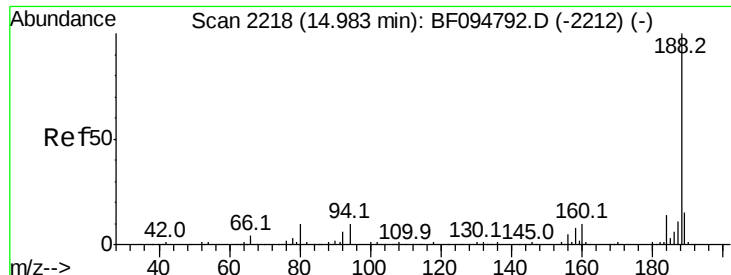
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

12.59





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.00 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BF095558.D

Acq: 31 May 2017 6:38

Instrument :

BNA_F

ClientSampleId :

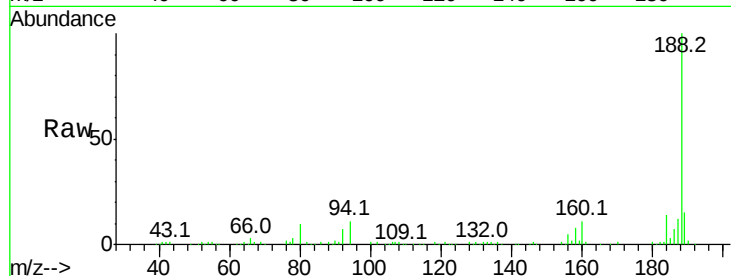
Tot Ion:188 Resp: 190666

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

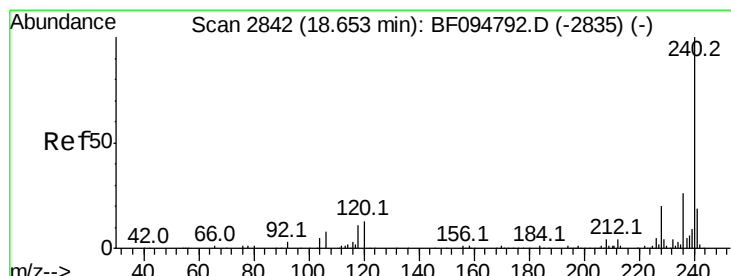
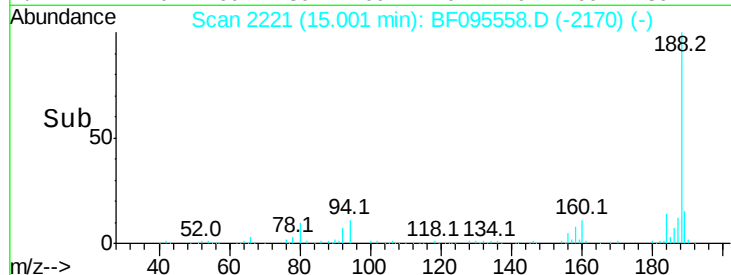
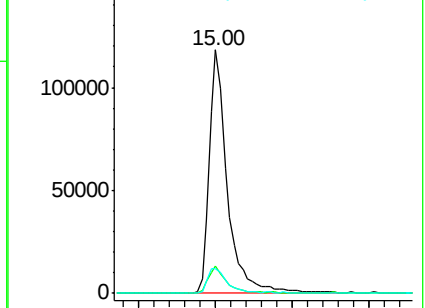
80 10.2 10.2 15.2



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: 18.68 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BF095558.D

Acq: 31 May 2017 6:38

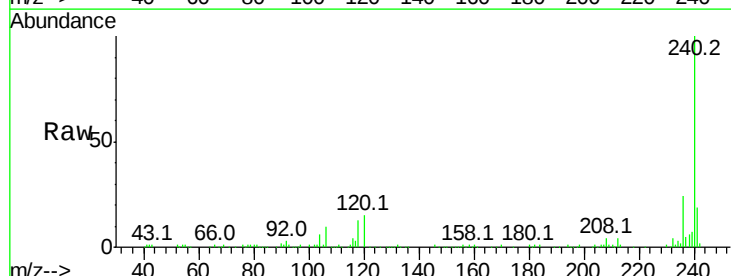
Tgt Ion:240 Resp: 179231

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

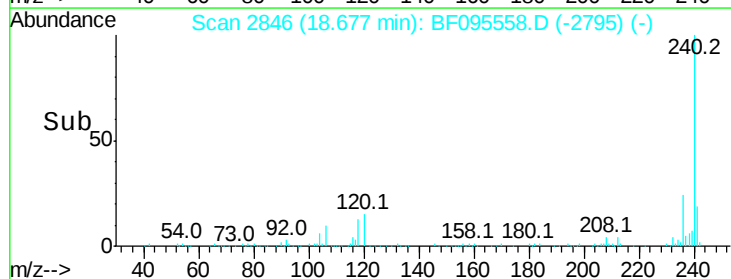
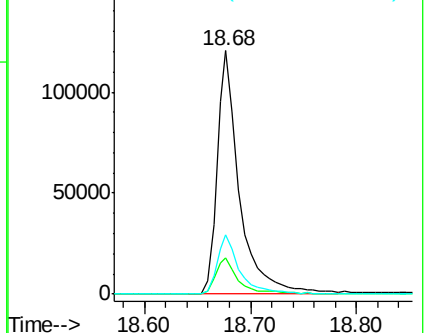
236 24.3 20.5 30.7

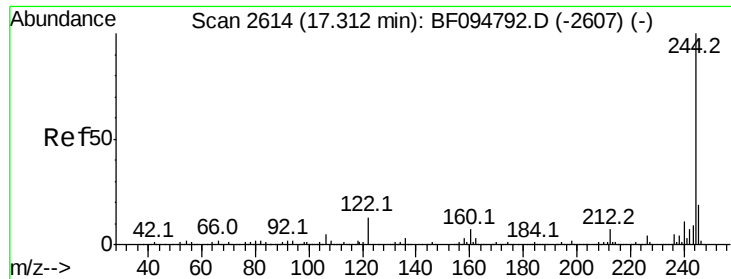


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

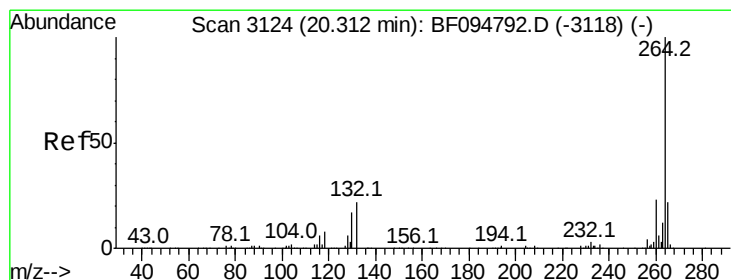
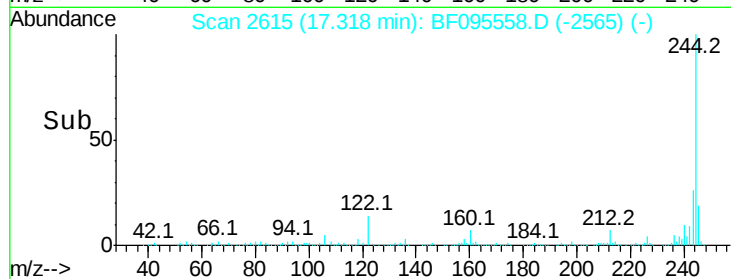
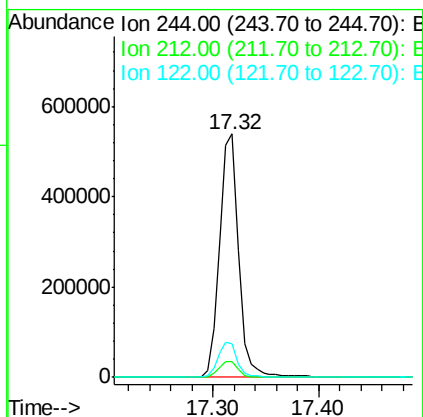
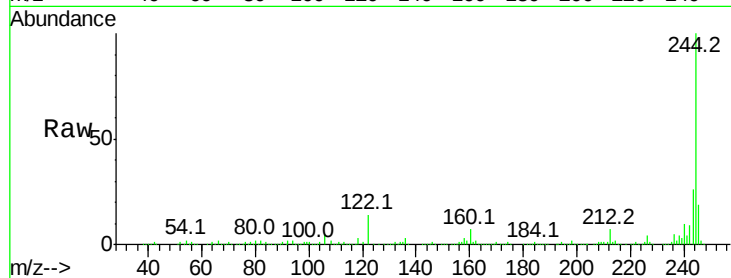




#78
 Terphenyl-d14
 Concen: 84.85 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF095558.D
 Acq: 31 May 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 690466
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. 0.01 min
 Lab File: BF095558.D
 Acq: 31 May 2017 6:38

Tgt Ion:264 Resp: 121832
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.5 29.3
 265 22.4 17.2 25.8

