

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF095007.D
 Acq On : 9 May 2017 6:14
 Operator : SJ/MA
 Sample : PB98739BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 07:06:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

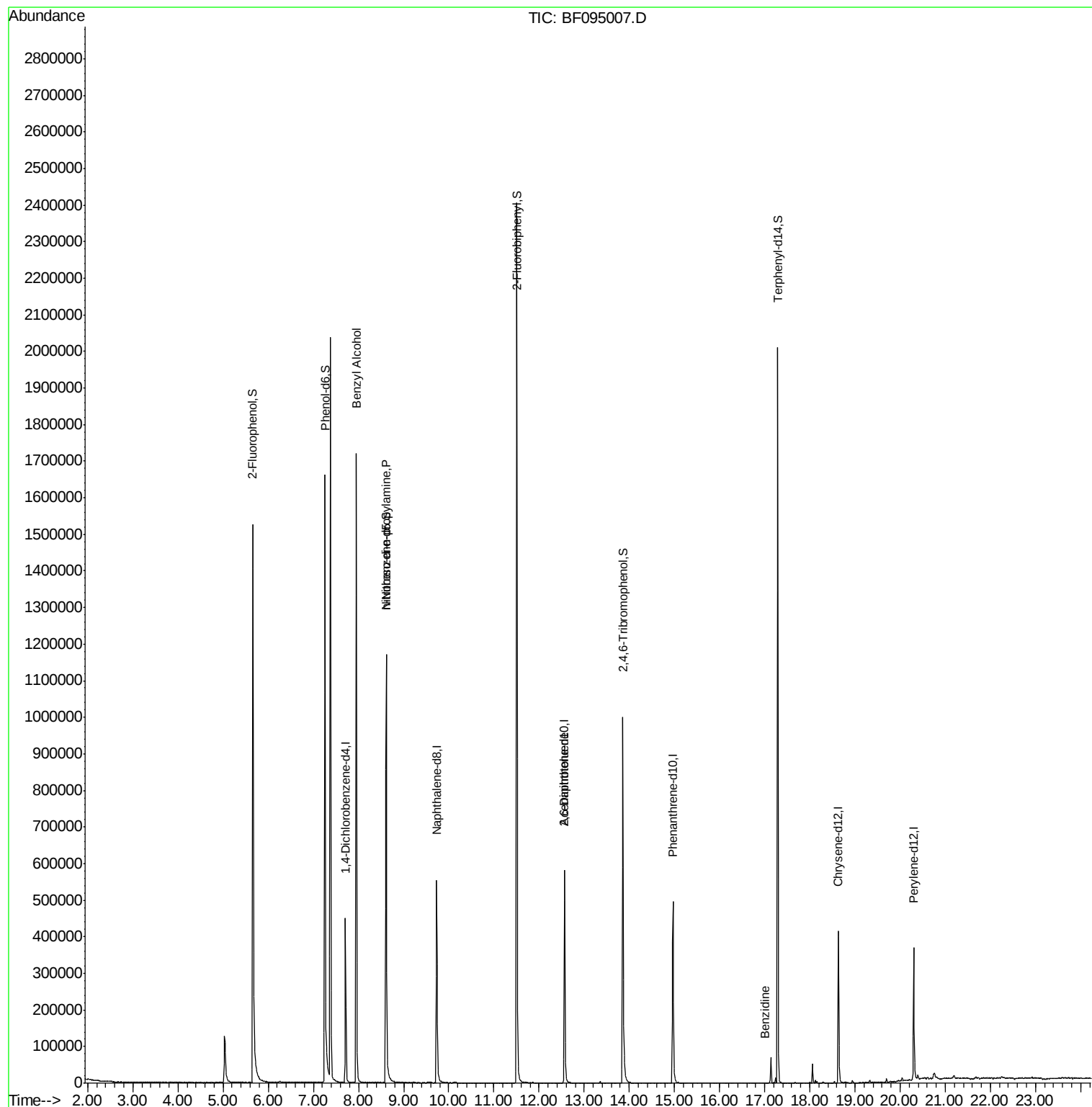
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	95889	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	416030	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	182741	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	298157	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	207634	20.00	ng	-0.02
86) Perylene-d12	20.30	264	175587	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	756292	131.50	ng	-0.02
7) Phenol-d6	7.26	99	921500	133.53	ng	-0.02
23) Nitrobenzene-d5	8.61	82	568853	86.22	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	184946	123.58	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1145875	90.25	ng	-0.02
78) Terphenyl-d14	17.29	244	790366	83.84	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.95	79	8914	2.01	ng	# 43
19) n-Nitroso-di-n-propylamine	8.61	70	72582	15.55	ng	# 75
50) 2,6-Dinitrotoluene	12.57	165	19751	6.45	ng	# 31
76) Benzidine	17.01	184	1015	6.74	ng	# 62

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

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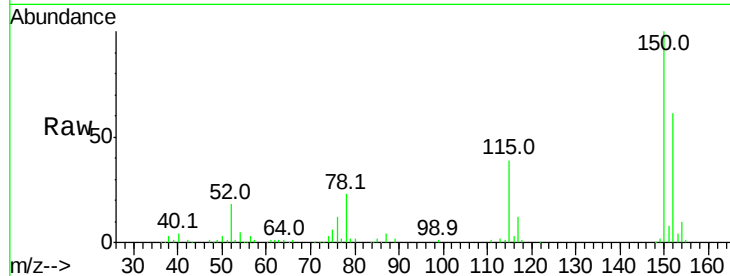


#1

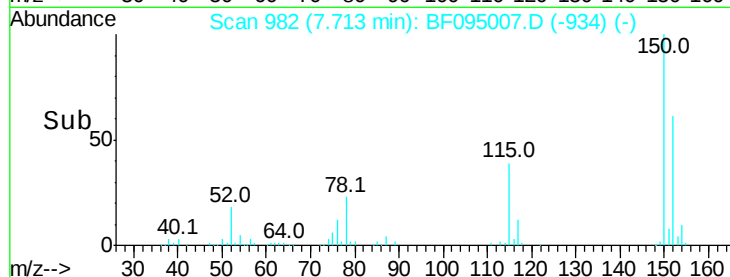
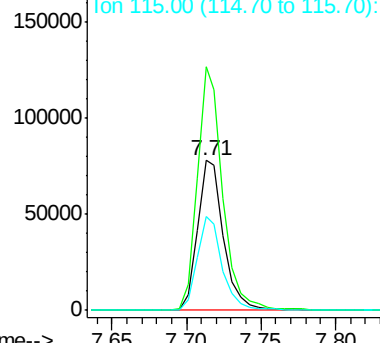
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095007.D
Acq: 9 May 2017 6:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95889
Ion Ratio Lower Upper
152 100
150 162.7 126.2 189.2
115 62.9 52.2 78.2



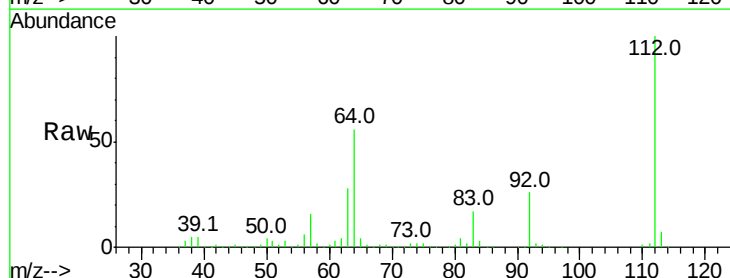
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



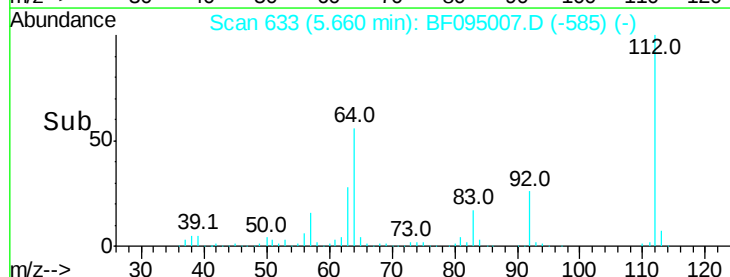
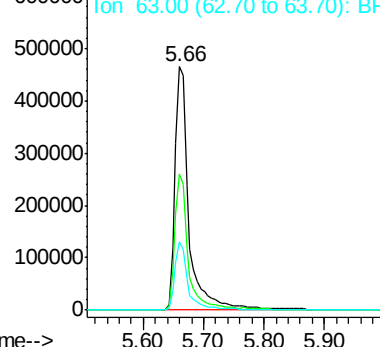
#5

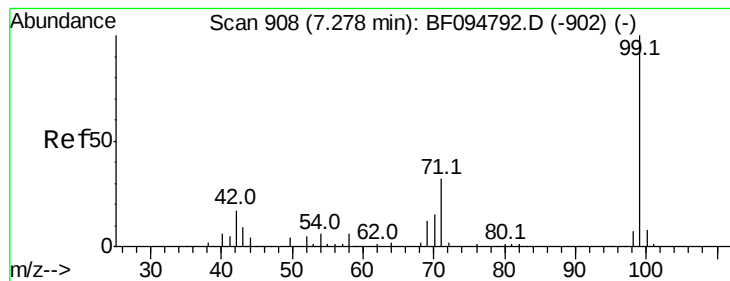
2-Fluorophenol
Concen: 131.50 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF095007.D
Acq: 9 May 2017 6:14

Tgt Ion:112 Resp: 756292
Ion Ratio Lower Upper
112 100
64 56.1 46.0 69.0
63 27.8 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: 133.53 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095007.D

Acq: 9 May 2017 6:14

Instrument :

BNA_F

ClientSampleId :

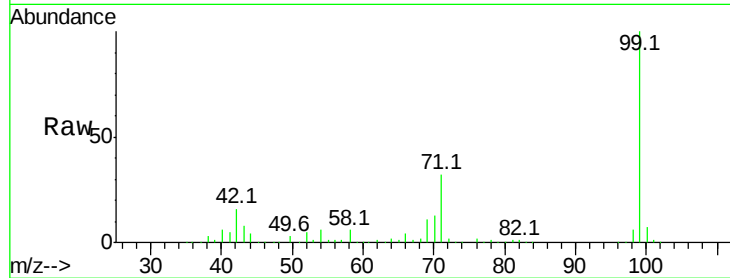
Tot Ion: 99 Resp: 921500

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

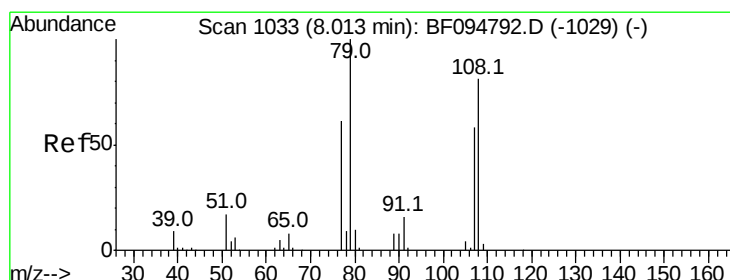
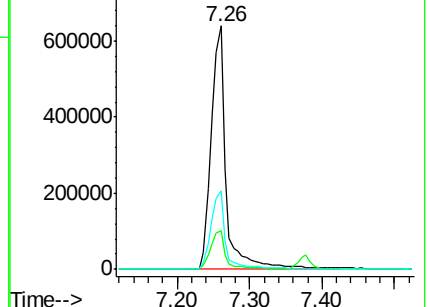
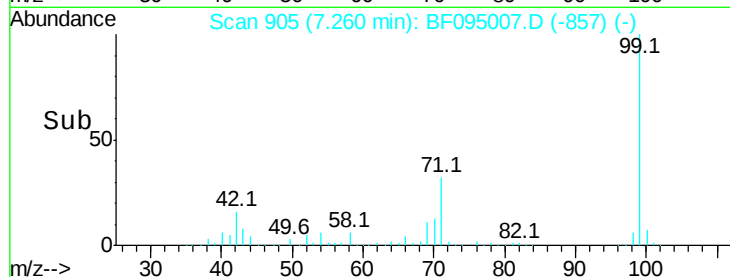
71 32.5 24.5 36.7



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: 2.01 ng

RT: 7.95 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF095007.D

Acq: 9 May 2017 6:14

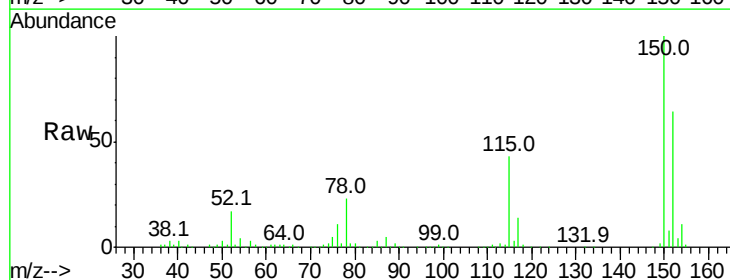
Tgt Ion: 79 Resp: 8914

Ion Ratio Lower Upper

79 100

108 23.8 63.4 95.0#

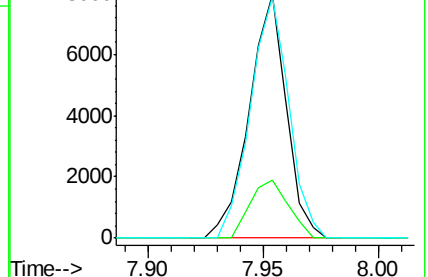
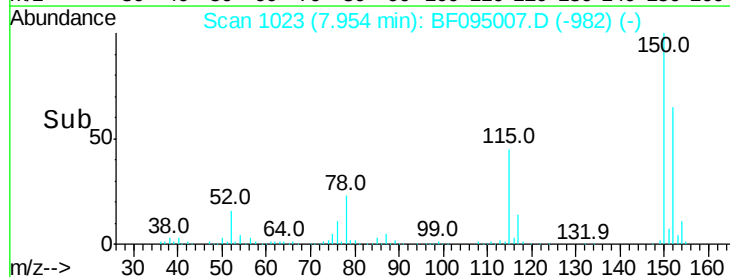
77 99.2 49.2 73.8#

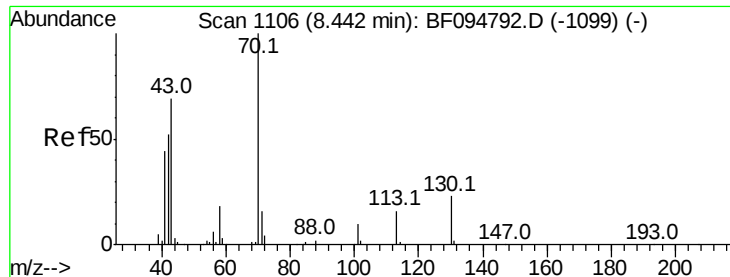


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

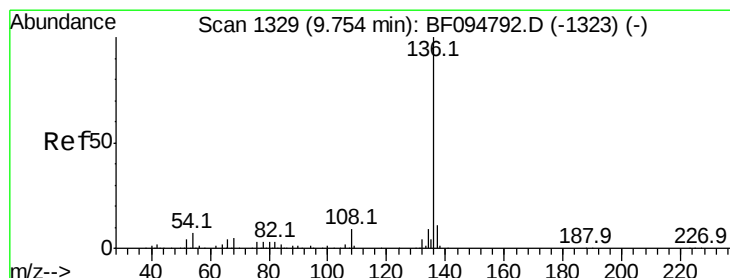
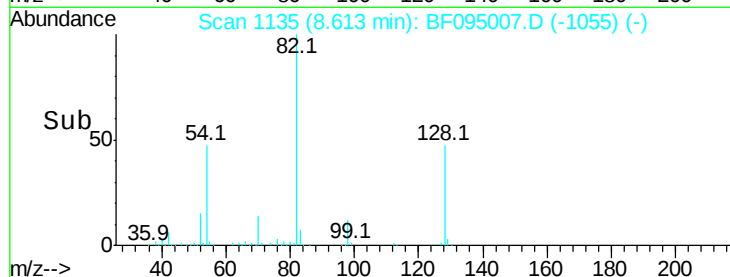
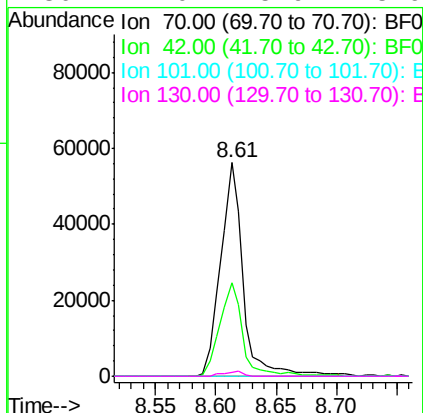
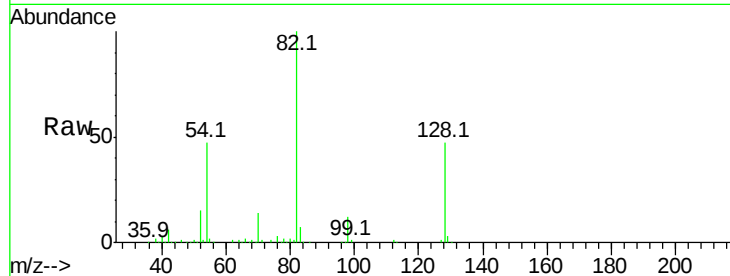




#19
n-Nitroso-di-n-propylamine
Concen: 15.55 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.17 min
Lab File: BF095007.D
Acq: 9 May 2017 6:14

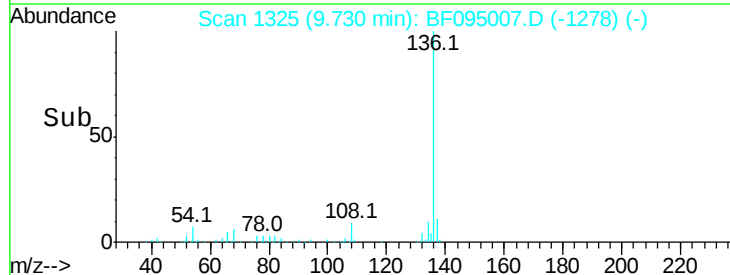
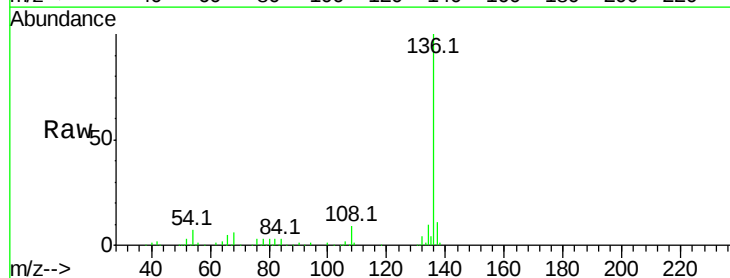
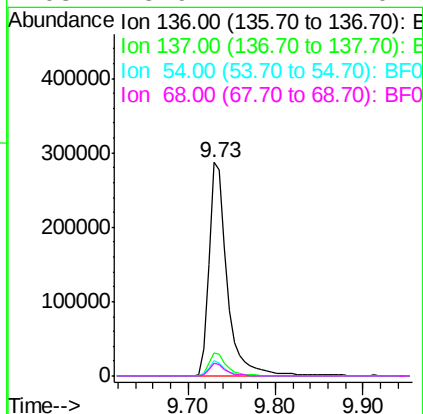
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 72582
Ion Ratio Lower Upper
70 100
42 43.6 47.2 70.8#
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF095007.D
Acq: 9 May 2017 6:14

Tgt Ion:136 Resp: 416030
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.2 4.9 7.3
68 5.9 4.1 6.1

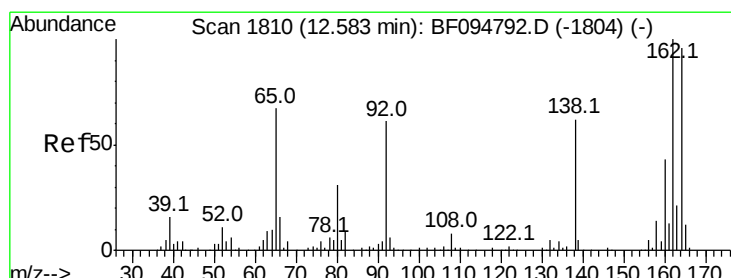
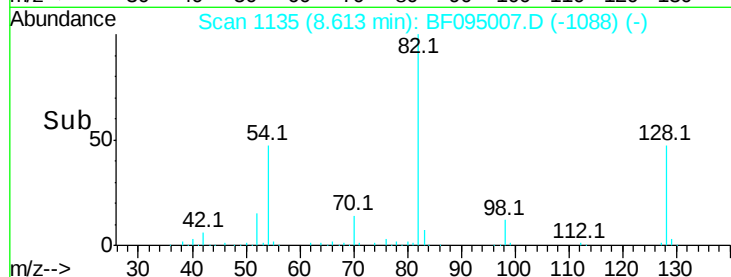
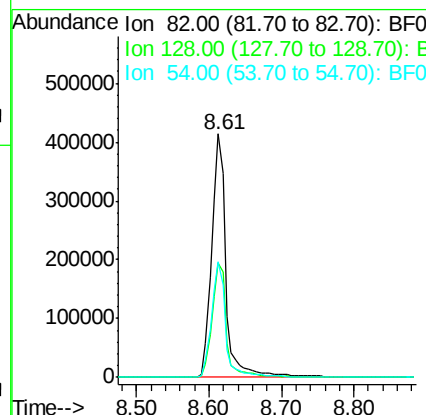
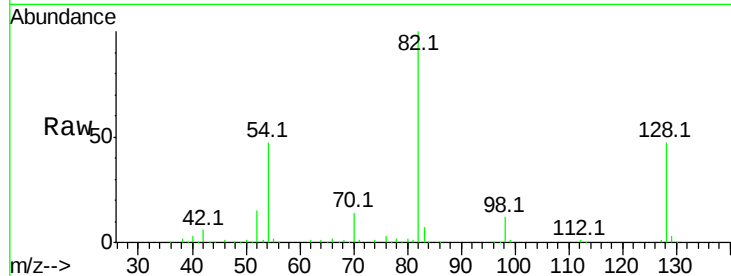




#23
 Nitrobenzene-d5
 Concen: 86.22 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF095007.D
 Acq: 9 May 2017 6:14

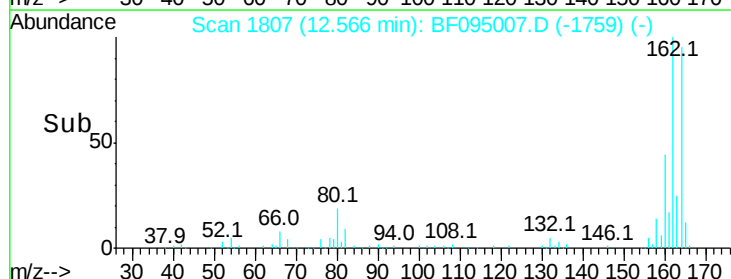
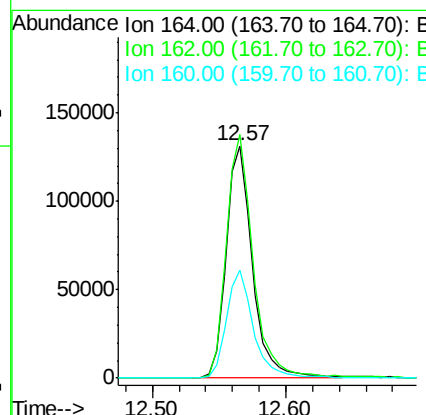
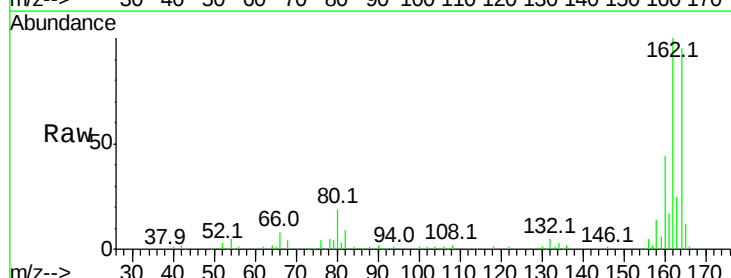
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 568853
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 47.4 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. -0.02 min
 Lab File: BF095007.D
 Acq: 9 May 2017 6:14

Tgt Ion:164 Resp: 182741
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 46.3 36.2 54.2

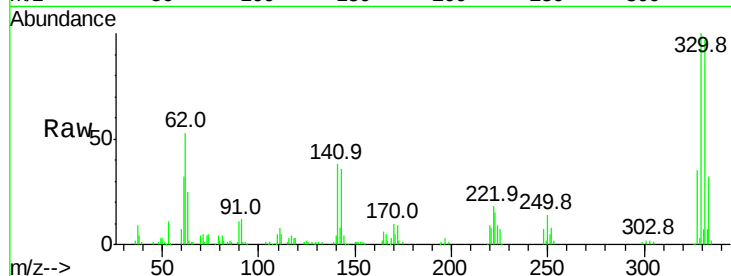




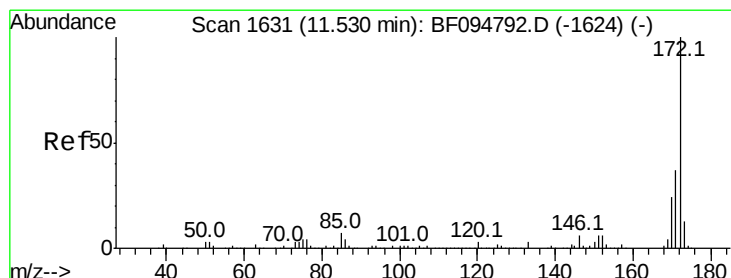
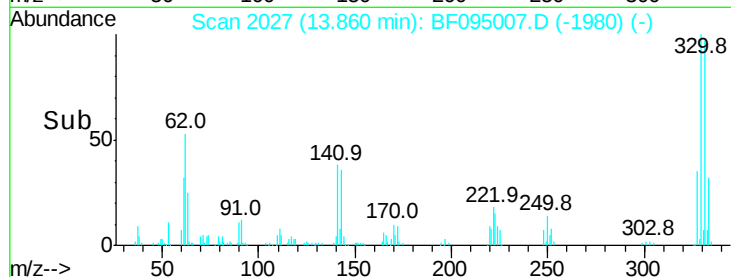
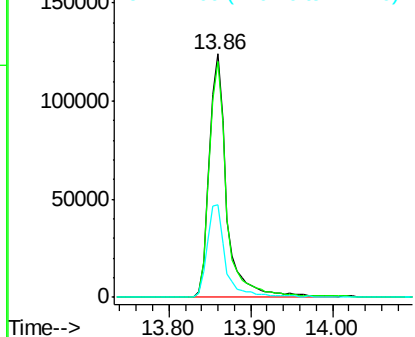
#41
 2,4,6-Tribromophenol
 Concen: 123.58 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095007.D
 Acq: 9 May 2017 6:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 184946
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 40.0 31.4 47.2

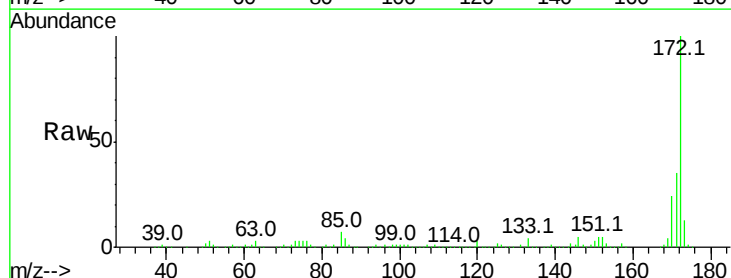


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

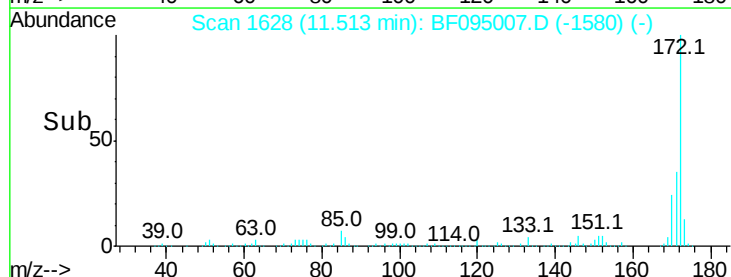
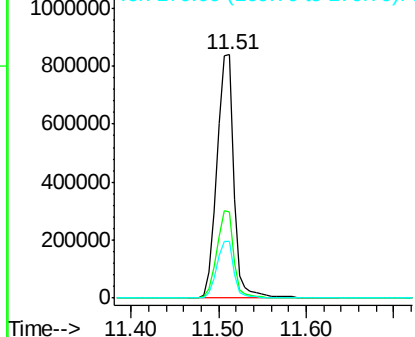


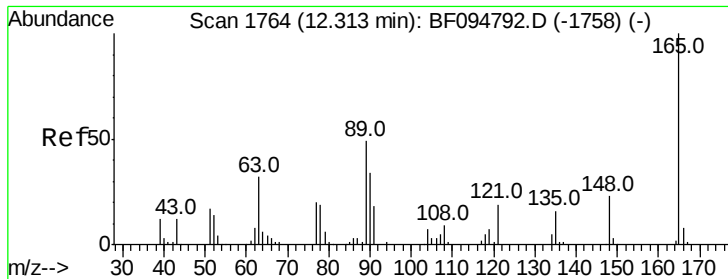
#44
 2-Fluorobiphenyl
 Concen: 90.25 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095007.D
 Acq: 9 May 2017 6:14

Tgt Ion:172 Resp: 1145875
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 23.6 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

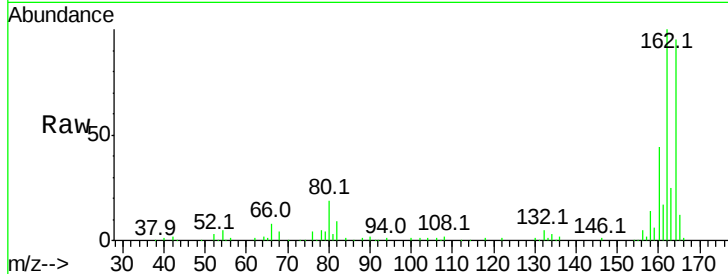




#50
 2,6-Dinitrotoluene
 Concen: 6.45 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. 0.25 min
 Lab File: BF095007.D
 Acq: 9 May 2017 6:14

Instrument :
 BNA_F
 ClientSampleId :

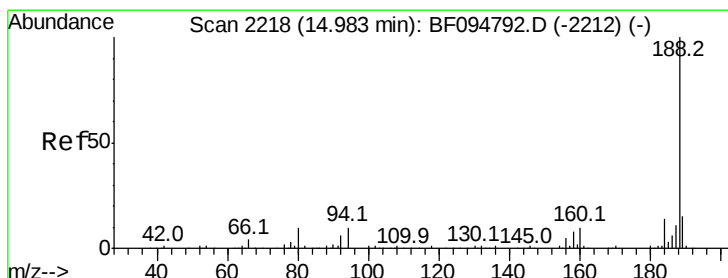
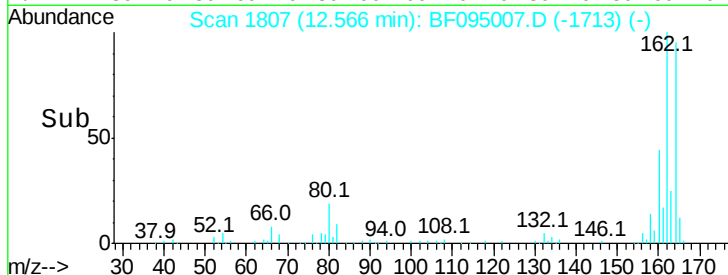
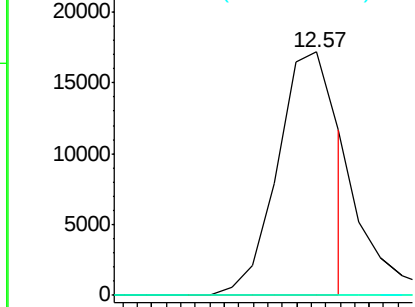
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

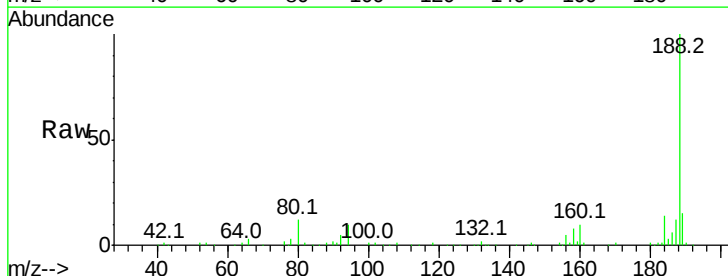
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF095007.D
 Acq: 9 May 2017 6:14

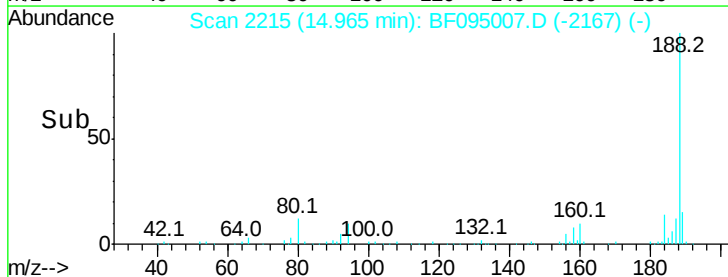
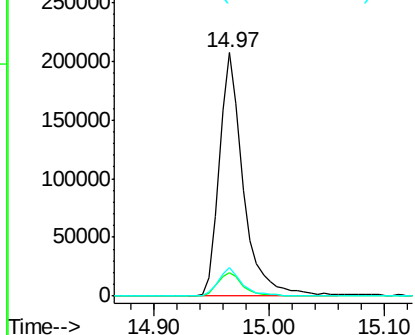
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	11.8	10.2	15.2



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

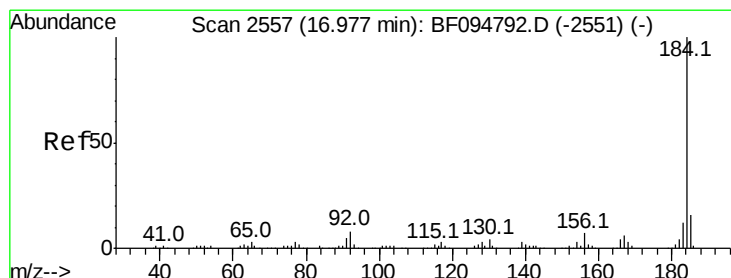
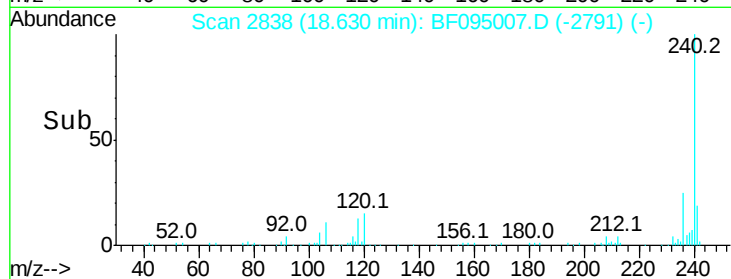
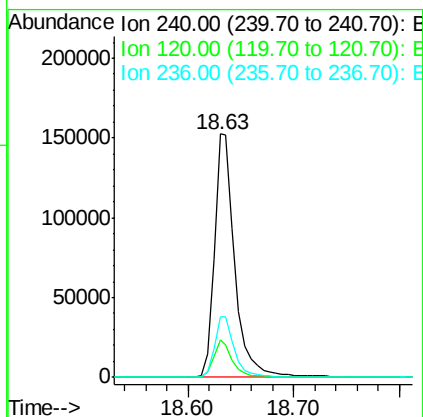
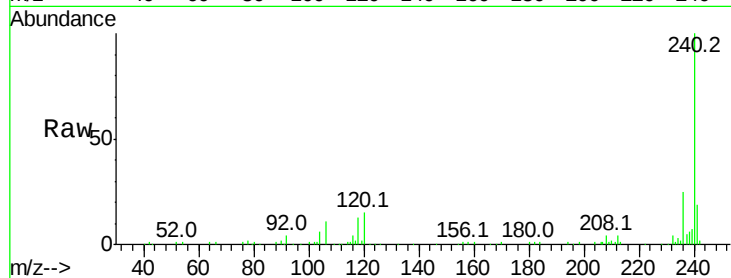




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF095007.D
 Acq: 9 May 2017 6:14

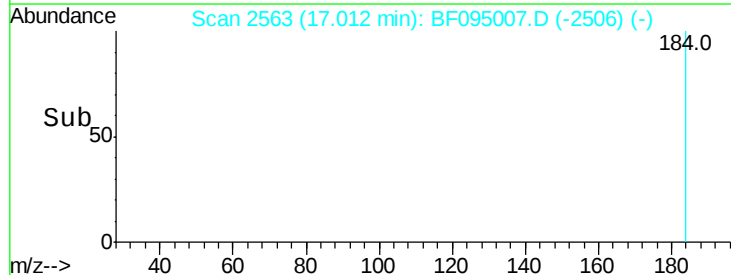
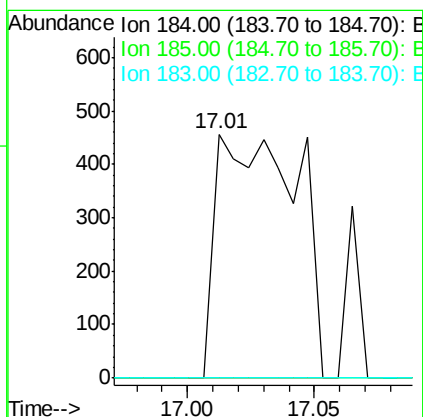
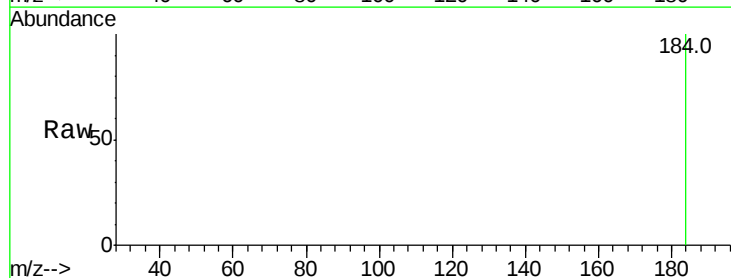
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 207634
 Ion Ratio Lower Upper
 240 100
 120 15.3 5.8 8.8#
 236 24.6 20.5 30.7



#76
 Benzidine
 Concen: 6.74 ng
 RT: 17.01 min Scan# 2563
 Delta R.T. 0.04 min
 Lab File: BF095007.D
 Acq: 9 May 2017 6:14

Tgt Ion:184 Resp: 1015
 Ion Ratio Lower Upper
 184 100
 185 0.0 15.5 23.3#
 183 0.0 9.8 14.6#

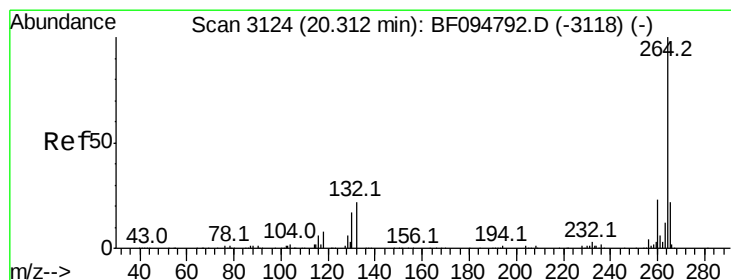
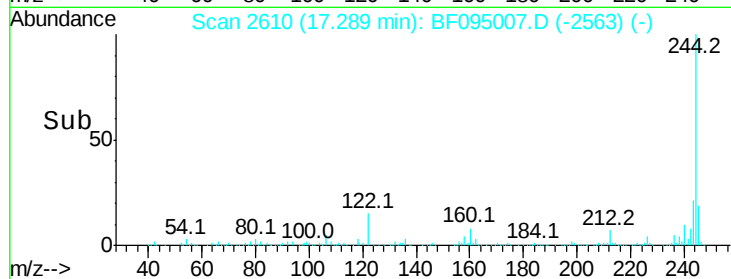
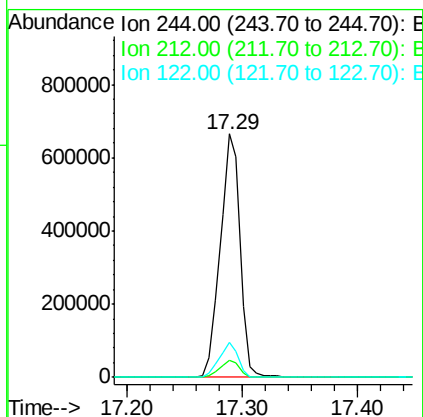
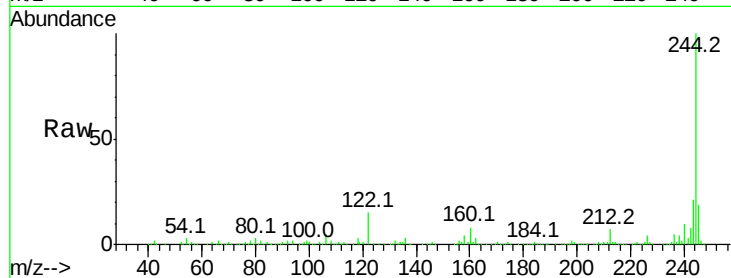




#78
 Terphenyl-d14
 Concen: 83.84 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095007.D
 Acq: 9 May 2017 6:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 790366
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF095007.D
 Acq: 9 May 2017 6:14

Tgt Ion:264 Resp: 175587
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 20.4 17.2 25.8

