

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095656.D
 Acq On : 3 Jun 2017 4:21
 Operator : SJ/MA
 Sample : PB99424BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 05:00:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

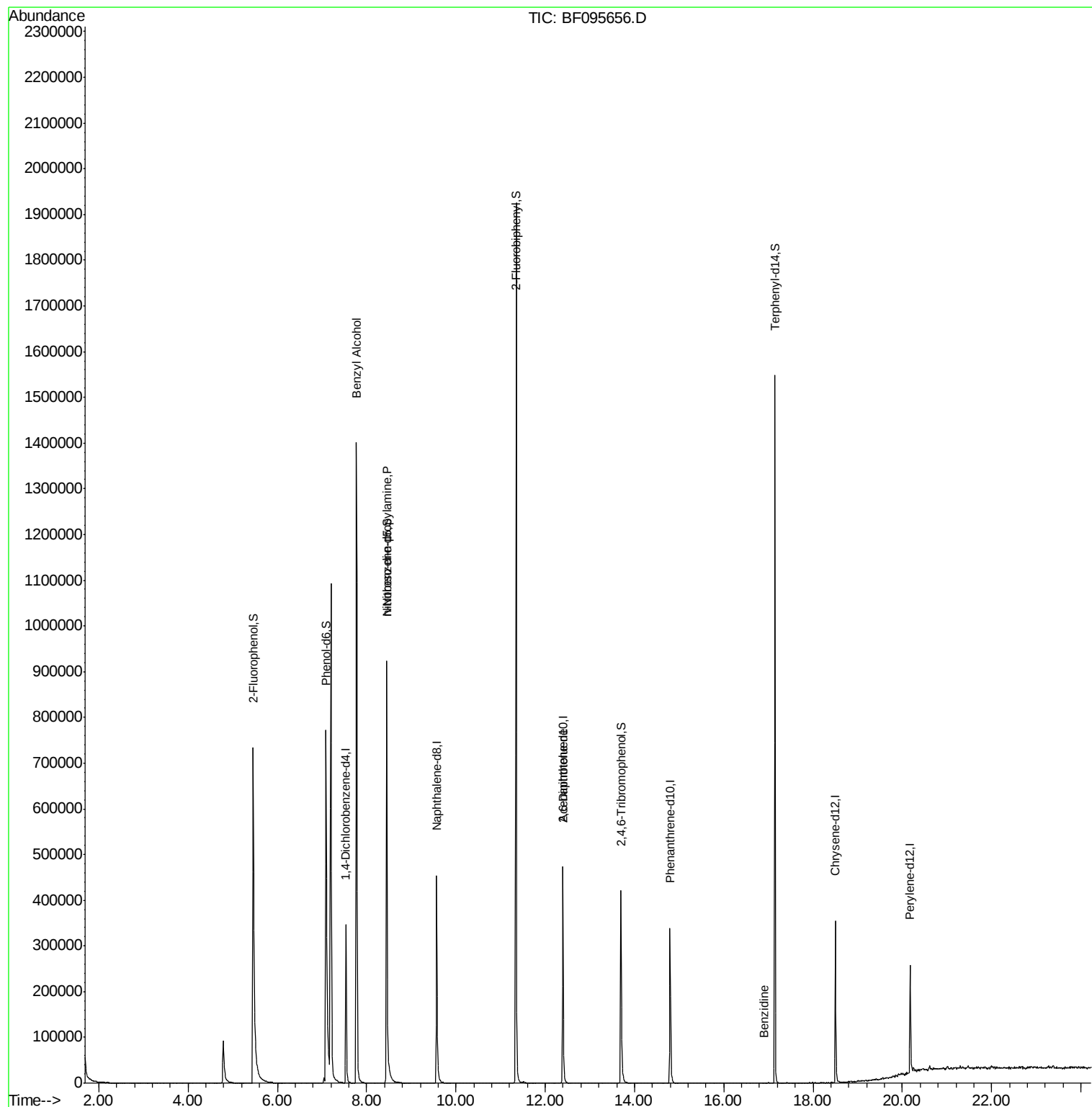
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	87508	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	351057	20.00	ng	0.00
38) Acenaphthene-d10	12.40	164	141216	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	206206	20.00	ng	0.00
75) Chrysene-d12	18.50	240	169071	20.00	ng	0.00
86) Perylene-d12	20.17	264	113430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	497650	94.81	ng	0.01
7) Phenol-d6	7.09	99	593340	94.22	ng	-0.01
23) Nitrobenzene-d5	8.45	82	486011	87.30	ng	-0.01
41) 2,4,6-Tribromophenol	13.70	330	86324	74.64	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	941239	95.94	ng	0.00
78) Terphenyl-d14	17.15	244	580910	75.68	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.77	79	8591	2.12	ng	# 36
19) n-Nitroso-di-n-propylamine	8.45	70	57200	13.43	ng	# 75
50) 2,6-Dinitrotoluene	12.40	165	17287	7.31	ng	# 31
76) Benzidine	16.90	184	3072	7.17	ng	# 62

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

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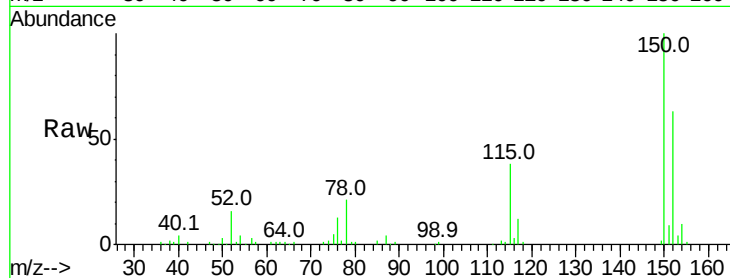




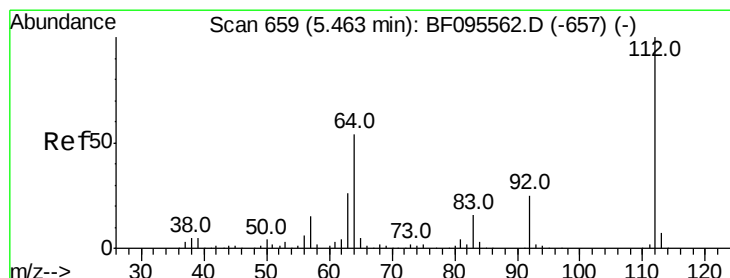
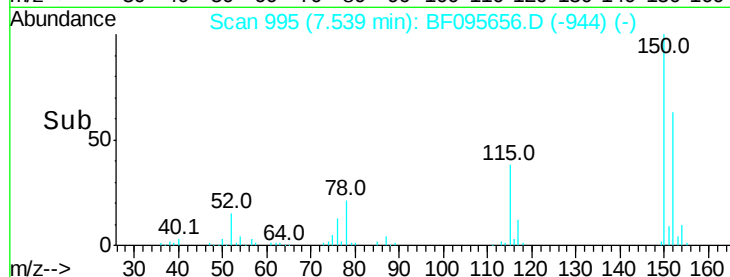
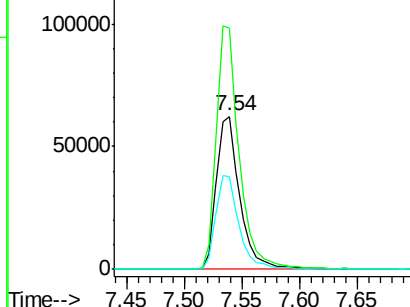
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.54 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF095656.D
 Acq: 3 Jun 2017 4:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 87508
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.2 189.2
 115 60.2 52.2 78.2

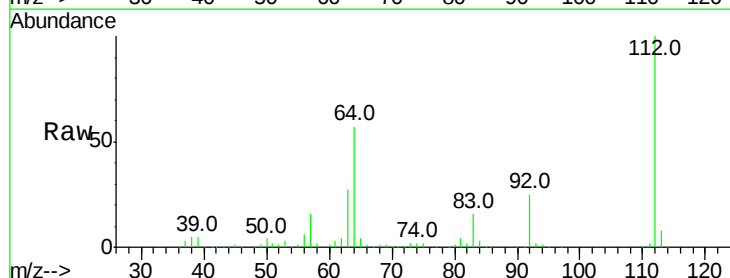


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

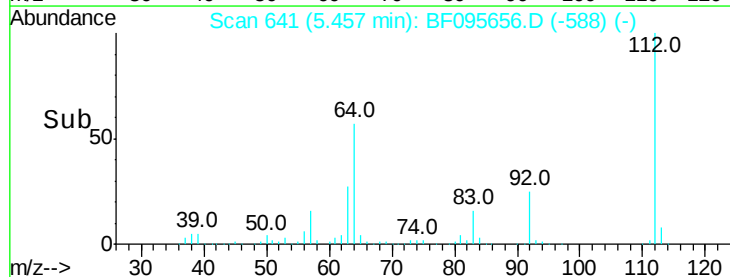
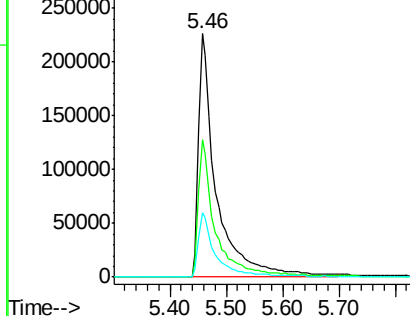


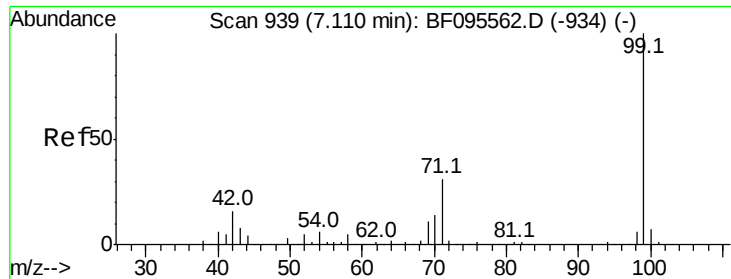
#5
 2-Fluorophenol
 Concen: 94.81 ng
 RT: 5.46 min Scan# 641
 Delta R.T. 0.01 min
 Lab File: BF095656.D
 Acq: 3 Jun 2017 4:21

Tgt Ion:112 Resp: 497650
 Ion Ratio Lower Upper
 112 100
 64 56.7 46.0 69.0
 63 26.7 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: 94.22 ng

RT: 7.09 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF095656.D

Acq: 3 Jun 2017 4:21

Instrument :

BNA_F

ClientSampleId :

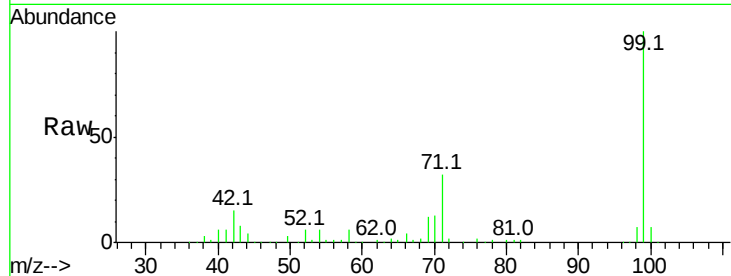
Tot Ion: 99 Resp: 593340

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

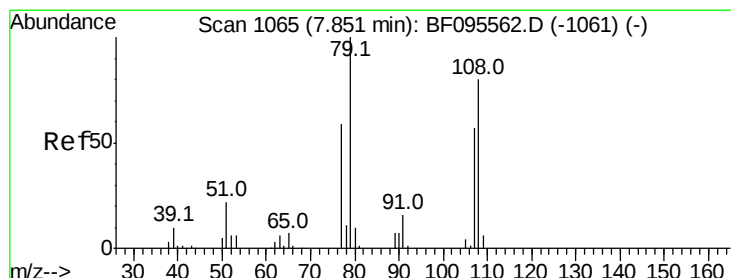
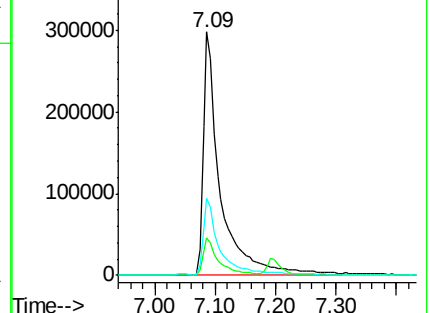
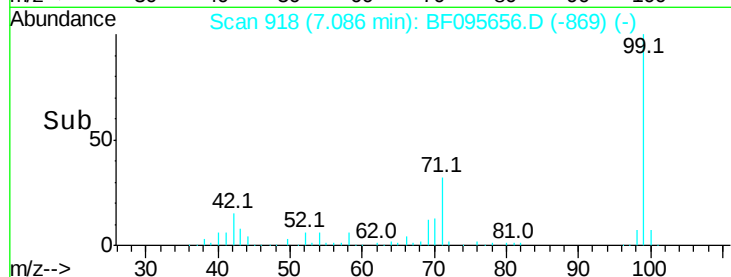
71 31.6 24.5 36.7



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: 2.12 ng

RT: 7.77 min Scan# 1035

Delta R.T. -0.06 min

Lab File: BF095656.D

Acq: 3 Jun 2017 4:21

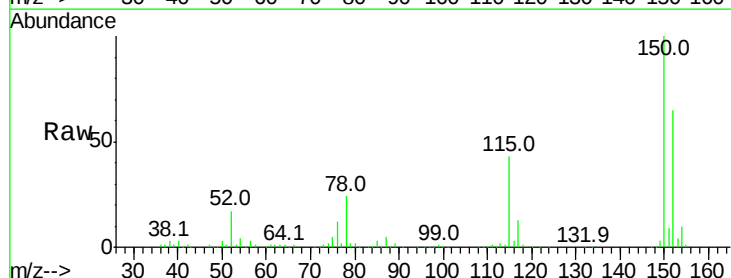
Tgt Ion: 79 Resp: 8591

Ion Ratio Lower Upper

79 100

108 23.7 63.4 95.0#

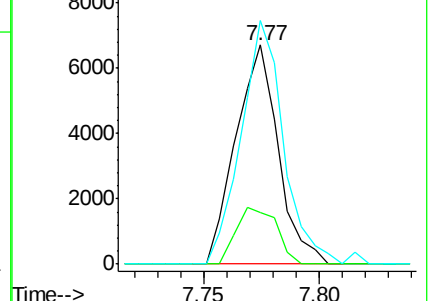
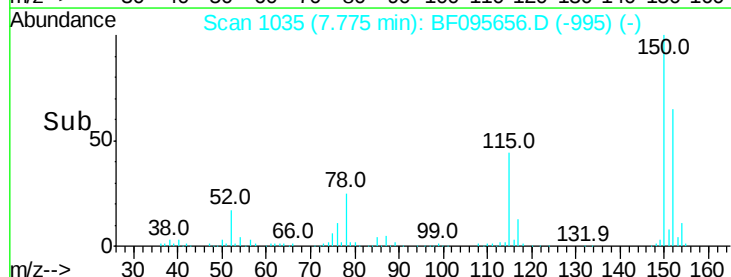
77 111.3 49.2 73.8#

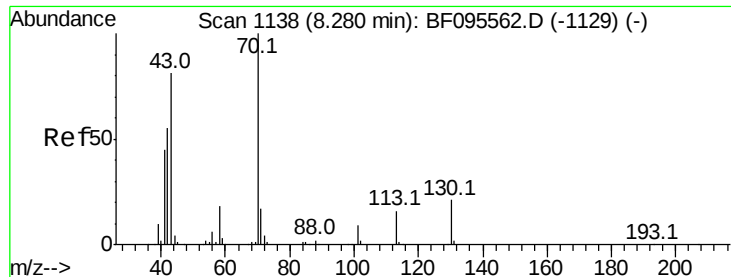


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

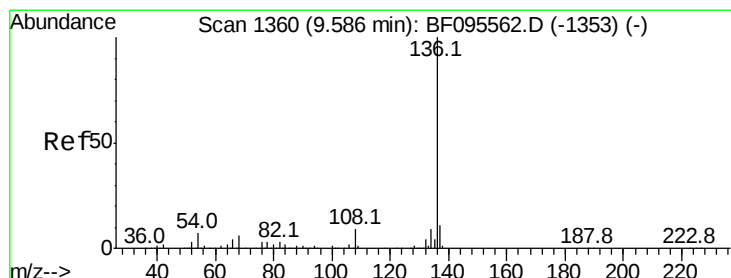
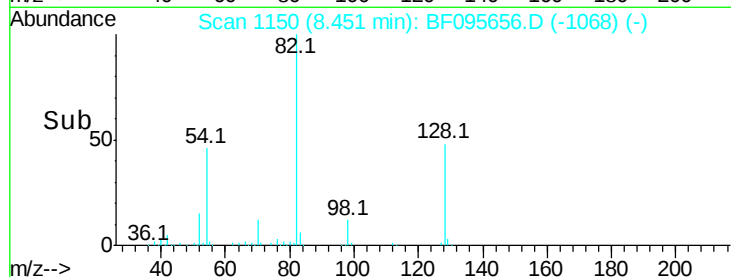
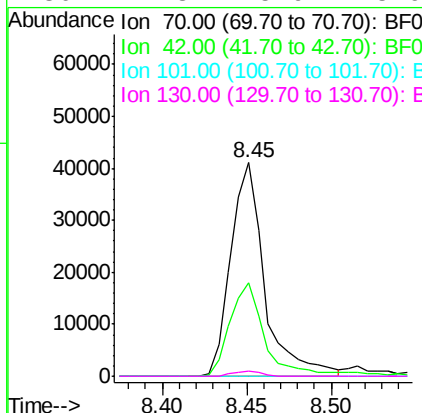
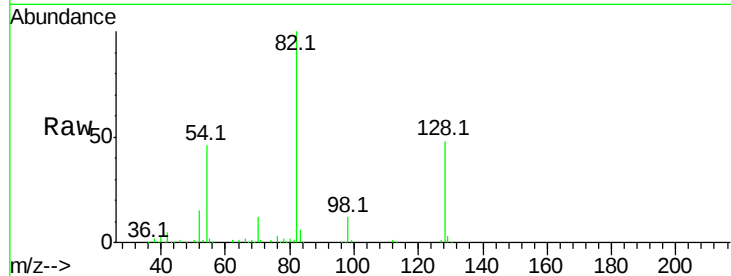




#19
n-Nitroso-di-n-propylamine
Concen: 13.43 ng
RT: 8.45 min Scan# 1150
Delta R.T. 0.18 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

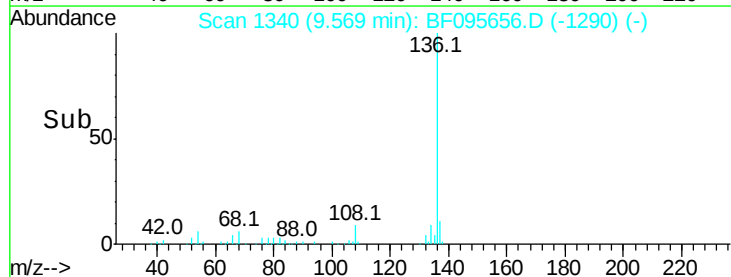
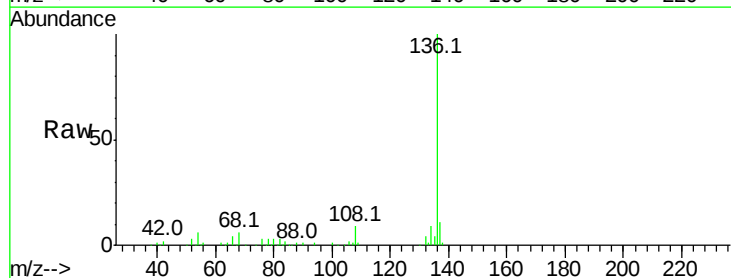
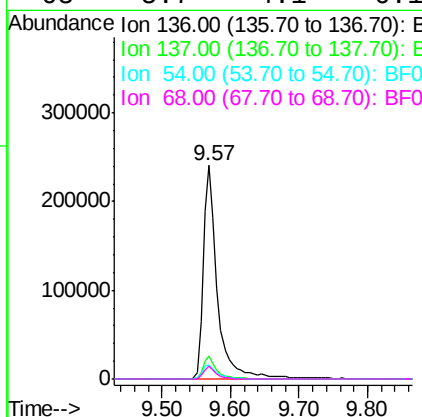
Instrument :
BNA_F
ClientSampleId :

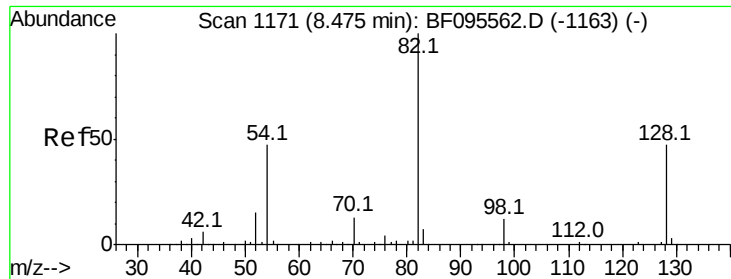
Tot Ion: 70 Resp: 57200
Ion Ratio Lower Upper
70 100
42 43.8 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

Tgt Ion:136 Resp: 351057
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 6.5 4.9 7.3
68 5.7 4.1 6.1

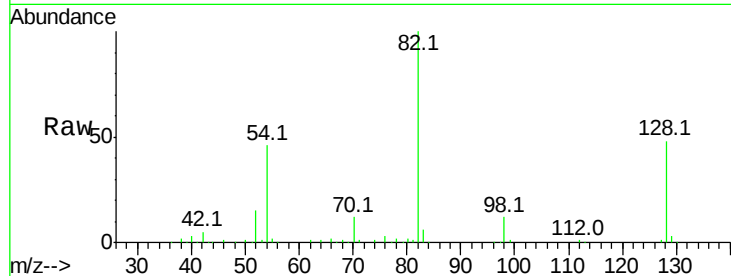




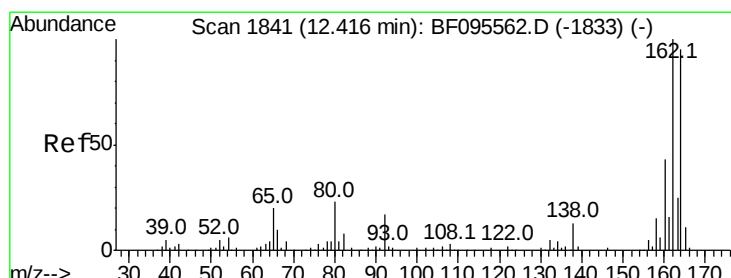
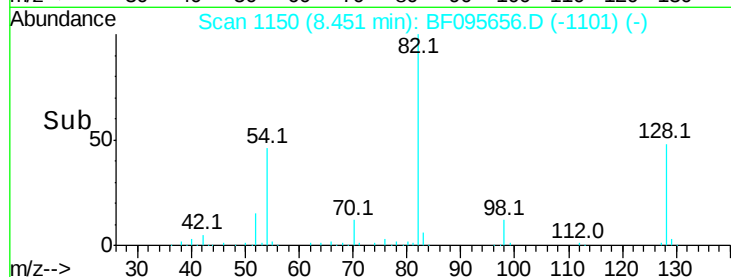
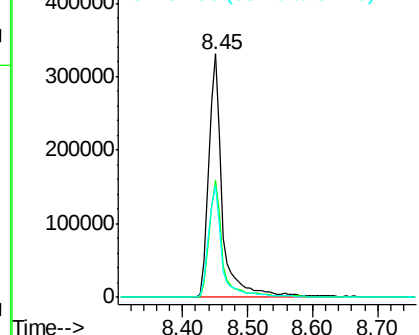
#23
 Nitrobenzene-d5
 Concen: 87.30 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF095656.D
 Acq: 3 Jun 2017 4:21

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 486011
 Ion Ratio Lower Upper
 82 100
 128 48.3 34.0 51.0
 54 46.0 42.2 63.2

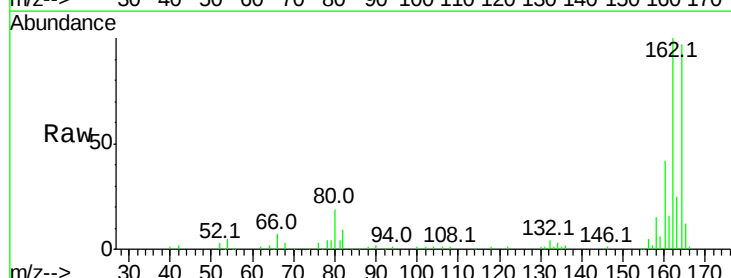


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

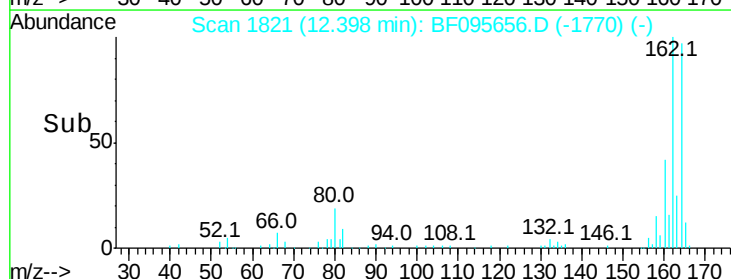
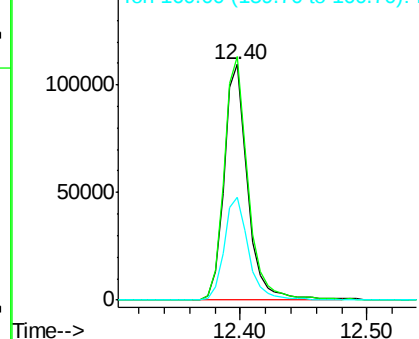


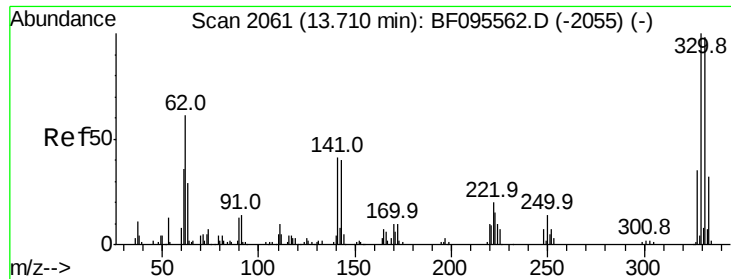
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.40 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BF095656.D
 Acq: 3 Jun 2017 4:21

Tgt Ion:164 Resp: 141216
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 43.6 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

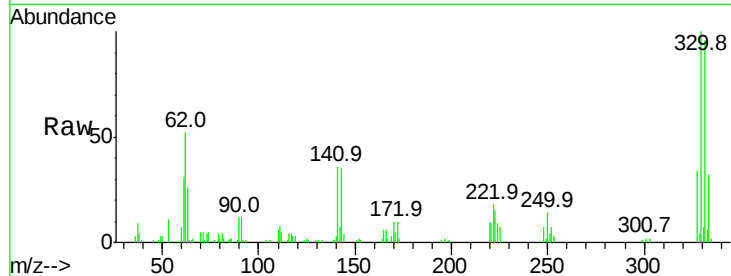




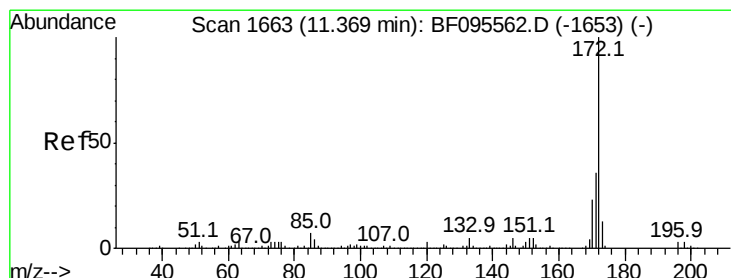
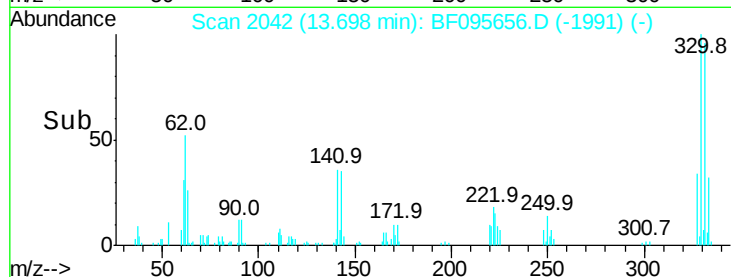
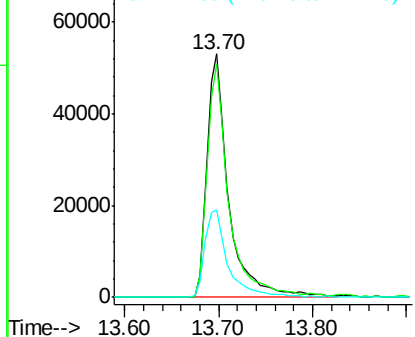
#41
 2,4,6-Tribromophenol
 Concen: 74.64 ng
 RT: 13.70 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF095656.D
 Acq: 3 Jun 2017 4:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 86324
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 38.2 31.4 47.2

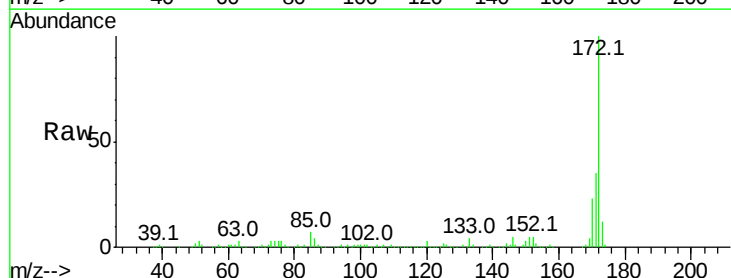


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

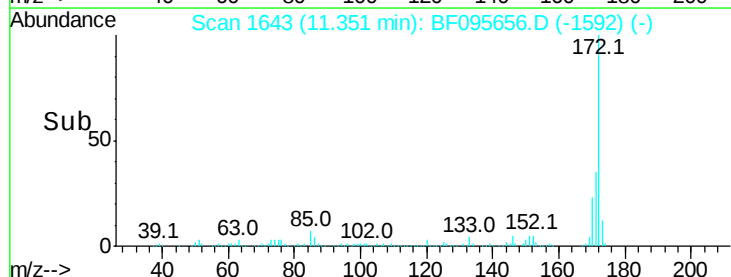
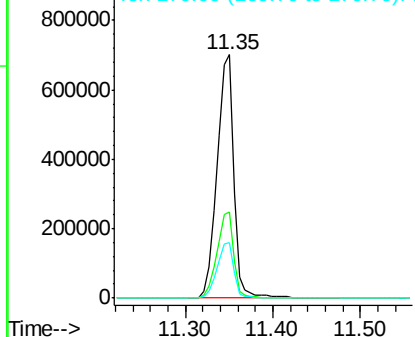


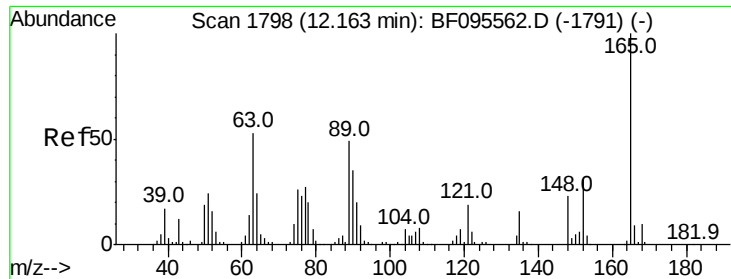
#44
 2-Fluorobiphenyl
 Concen: 95.94 ng
 RT: 11.35 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BF095656.D
 Acq: 3 Jun 2017 4:21

Tgt Ion:172 Resp: 941239
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 22.6 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

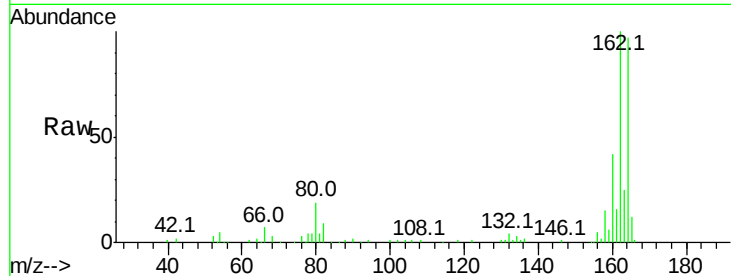




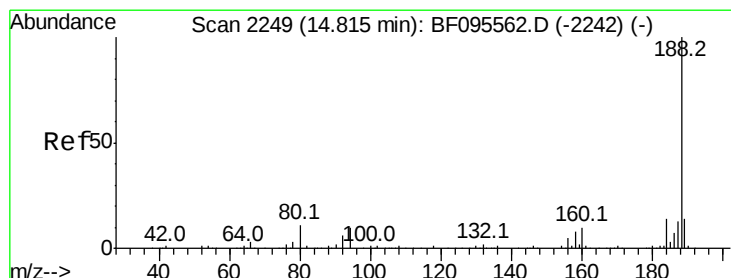
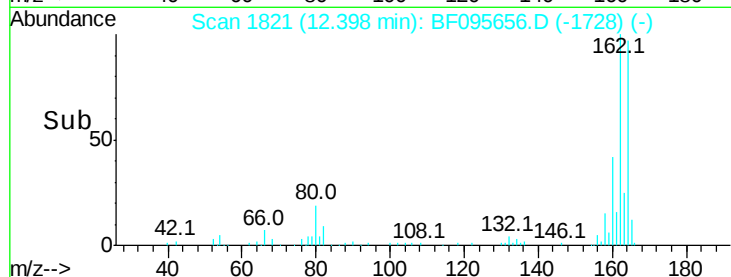
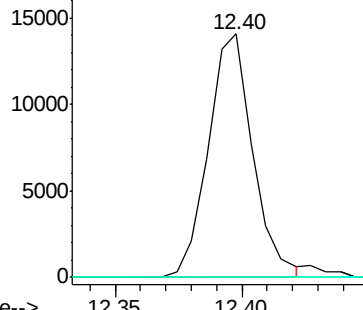
#50
 2,6-Dinitrotoluene
 Concen: 7.31 ng
 RT: 12.40 min Scan# 1821
 Delta R.T. 0.25 min
 Lab File: BF095656.D
 Acq: 3 Jun 2017 4:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 17287
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

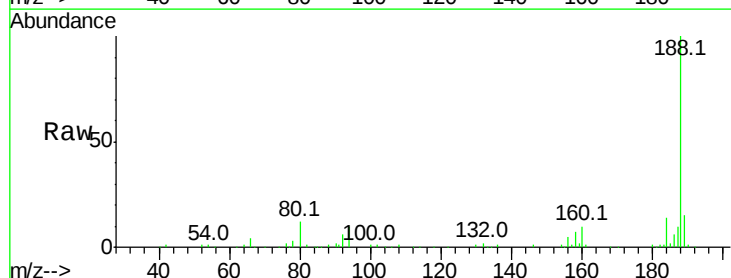


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

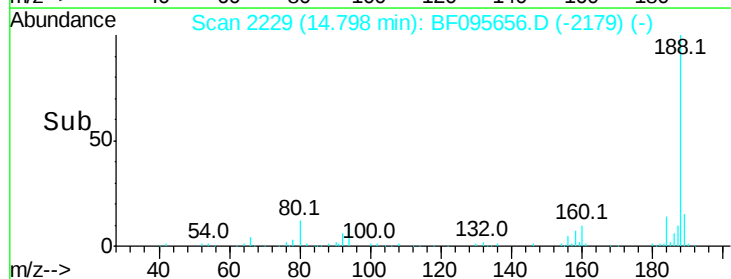
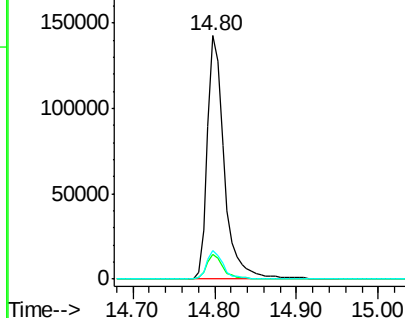


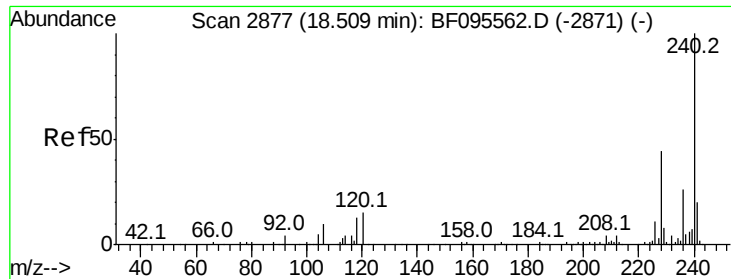
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF095656.D
 Acq: 3 Jun 2017 4:21

Tgt Ion:188 Resp: 206206
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 11.6 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: 18.50 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BF095656.D

Acq: 3 Jun 2017 4:21

Instrument :

BNA_F

ClientSampleId :

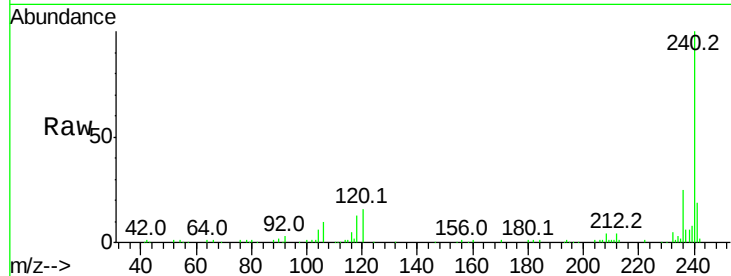
Tot Ion:240 Resp: 169071

Ion Ratio Lower Upper

240 100

120 16.2 5.8 8.8#

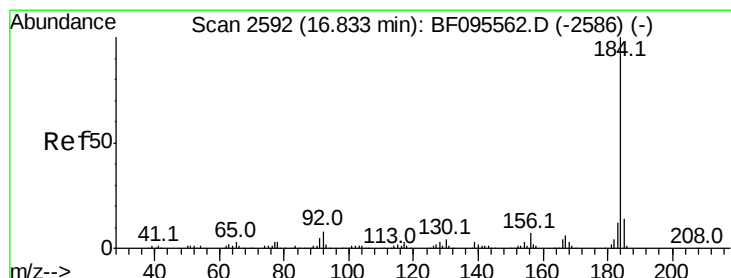
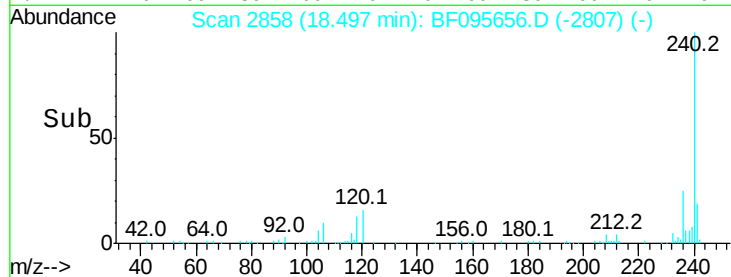
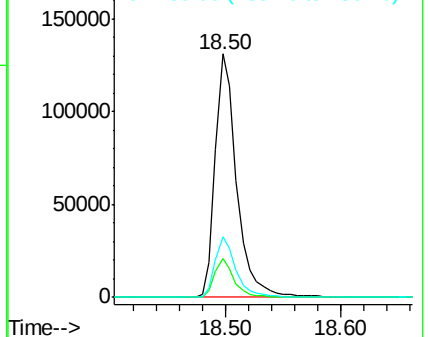
236 25.0 20.5 30.7



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



#76

Benzidine

Concen: 7.17 ng

RT: 16.90 min Scan# 2586

Delta R.T. 0.08 min

Lab File: BF095656.D

Acq: 3 Jun 2017 4:21

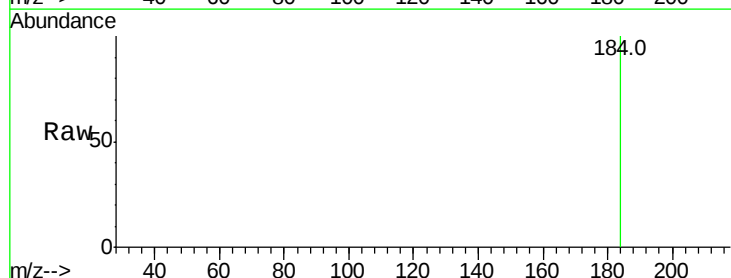
Tgt Ion:184 Resp: 3072

Ion Ratio Lower Upper

184 100

185 0.0 15.5 23.3#

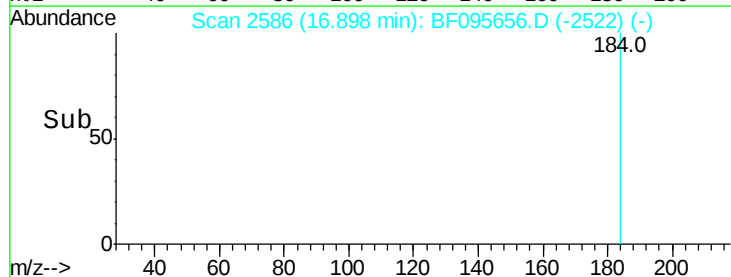
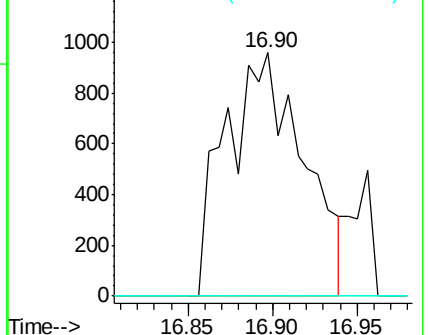
183 0.0 9.8 14.6#

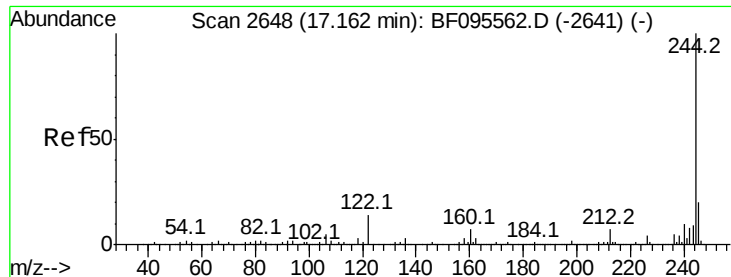


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

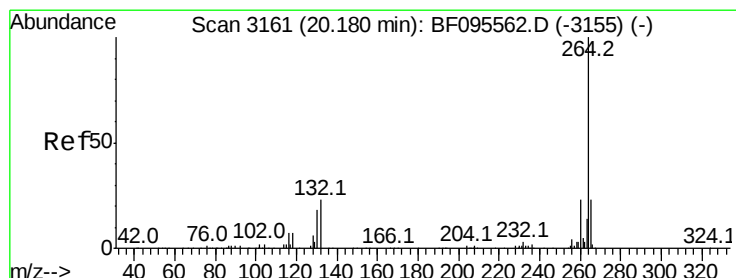
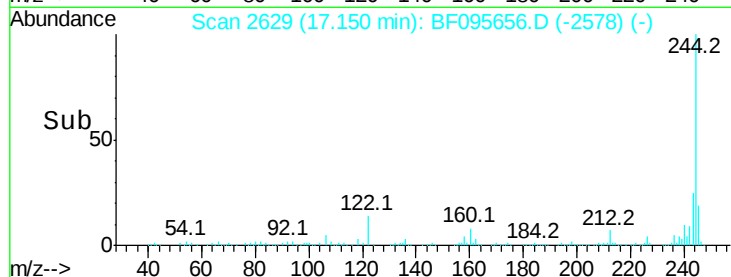
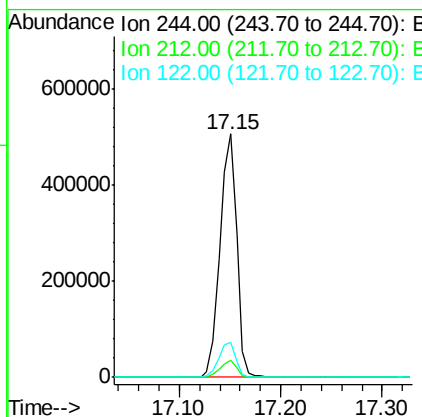
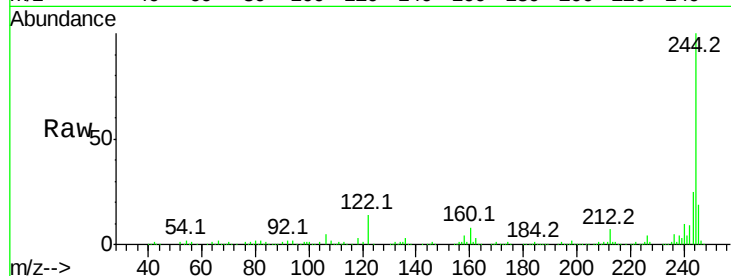




#78
 Terphenyl-d14
 Concen: 75.68 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.00 min
 Lab File: BF095656.D
 Acq: 3 Jun 2017 4:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 580910
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3143
 Delta R.T. 0.01 min
 Lab File: BF095656.D
 Acq: 3 Jun 2017 4:21

Tgt Ion:264 Resp: 113430
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.1 17.2 25.8

