

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095234.D
 Acq On : 18 May 2017 21:31
 Operator : SJ/MA
 Sample : I3182-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 01:06:28 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

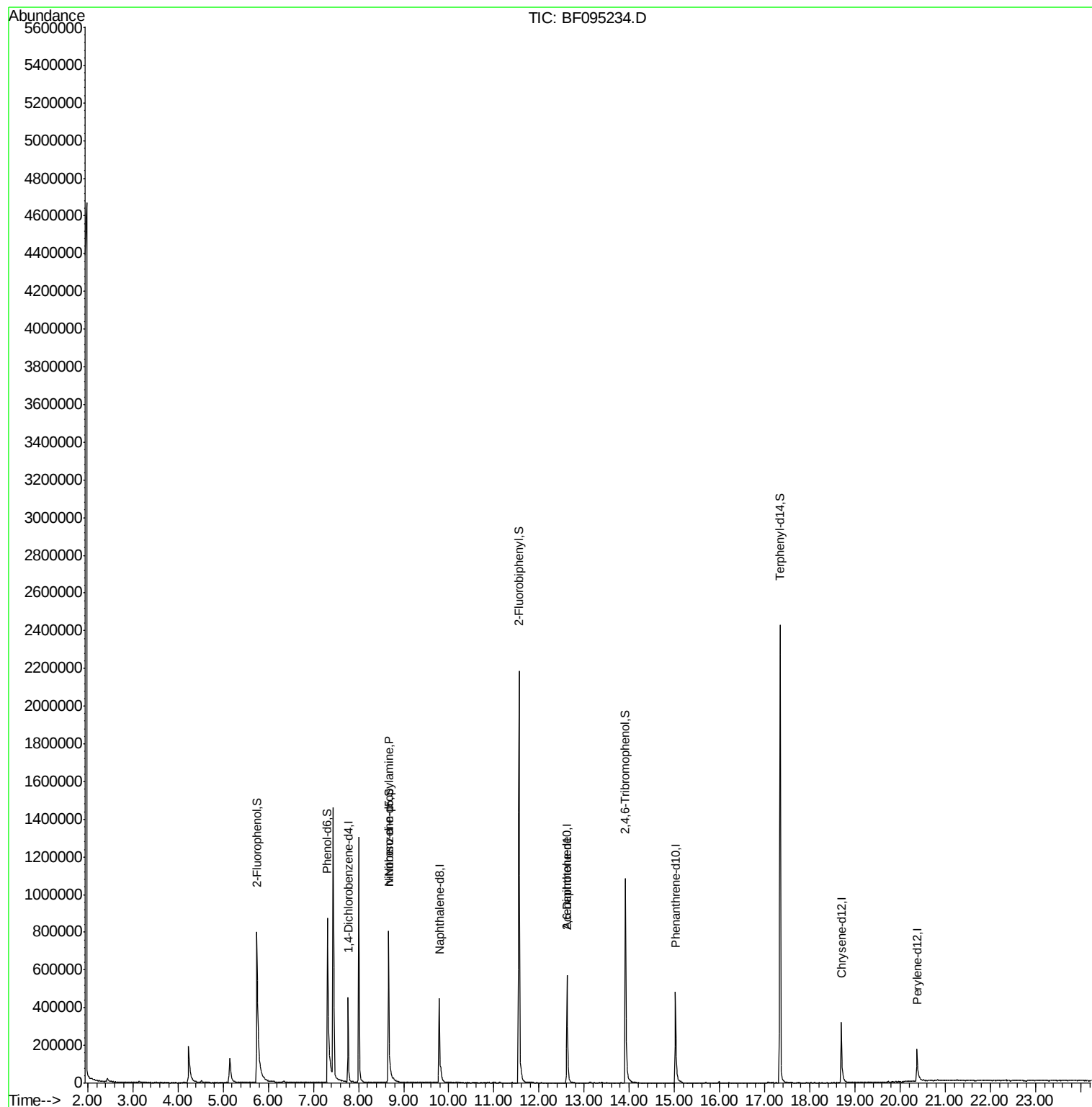
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	97163	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	411021	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	204632	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	349339	20.00	ng	0.00
75) Chrysene-d12	18.69	240	217290	20.00	ng	0.00
86) Perylene-d12	20.38	264	117856	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	633175	108.65	ng	0.01
7) Phenol-d6	7.31	99	744326	106.45	ng	0.00
23) Nitrobenzene-d5	8.67	82	485031	74.41	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	226961	135.43	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1147313	80.70	ng	0.00
78) Terphenyl-d14	17.34	244	1043735	105.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.67	70	59751	12.63	ng	# 74
50) 2,6-Dinitrotoluene	12.62	165	21694	6.33	ng	# 31

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

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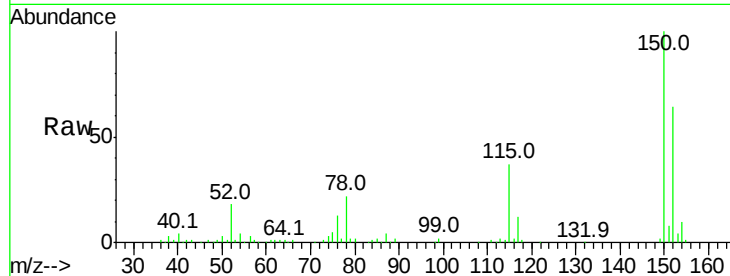


#1

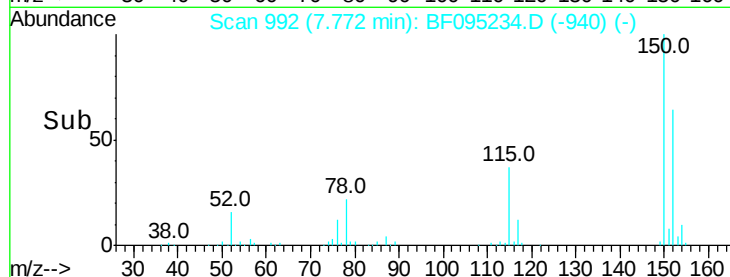
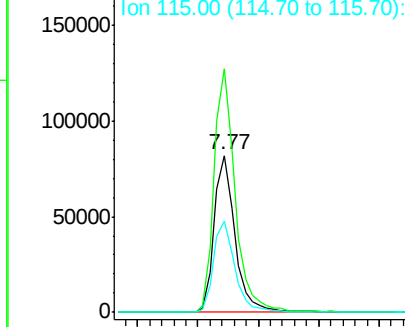
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: BF095234.D
 Acq: 18 May 2017 21:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 97163
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.2 189.2
 115 58.2 52.2 78.2



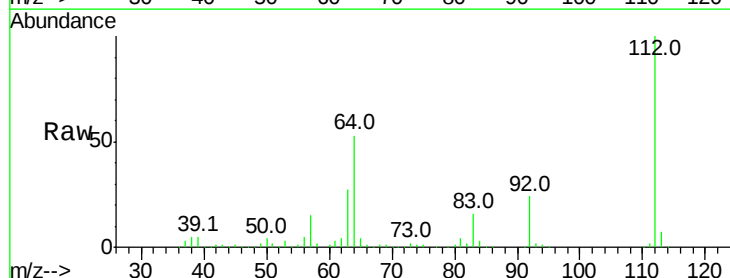
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



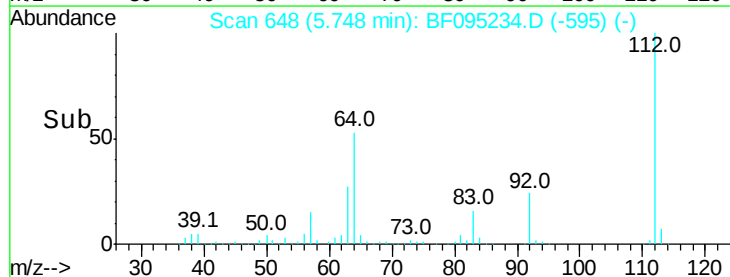
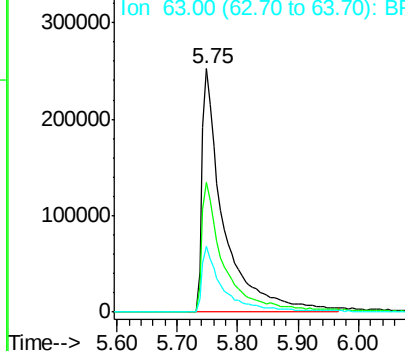
#5

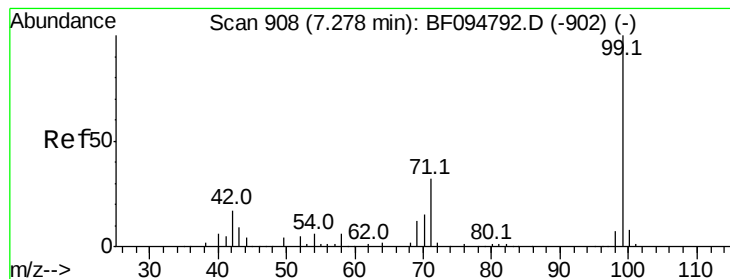
2-Fluorophenol
 Concen: 108.65 ng
 RT: 5.75 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF095234.D
 Acq: 18 May 2017 21:31

Tgt Ion:112 Resp: 633175
 Ion Ratio Lower Upper
 112 100
 64 53.4 46.0 69.0
 63 27.2 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: 106.45 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095234.D

Acq: 18 May 2017 21:31

Instrument :

BNA_F

ClientSampleId :

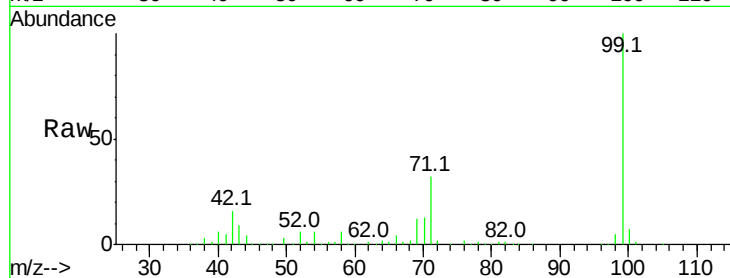
Tot Ion: 99 Resp: 744326

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

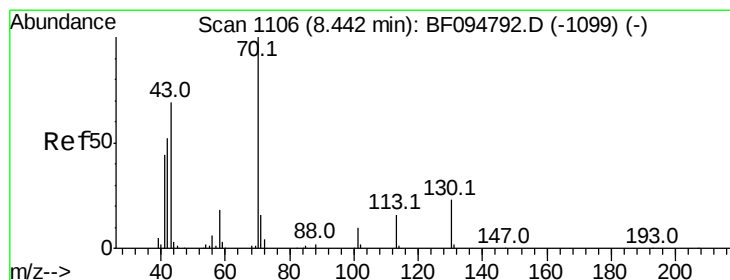
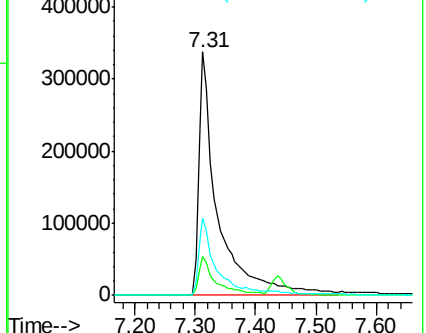
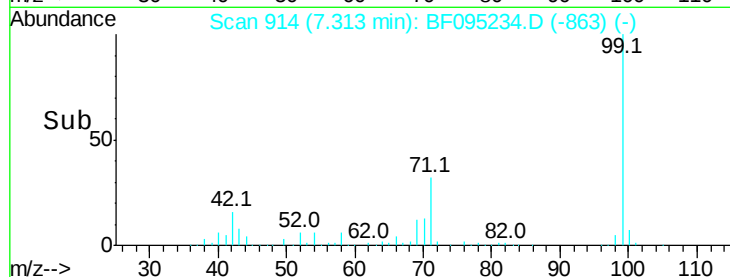
71 31.7 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.63 ng

RT: 8.67 min Scan# 1144

Delta R.T. 0.19 min

Lab File: BF095234.D

Acq: 18 May 2017 21:31

Tgt Ion: 70 Resp: 59751

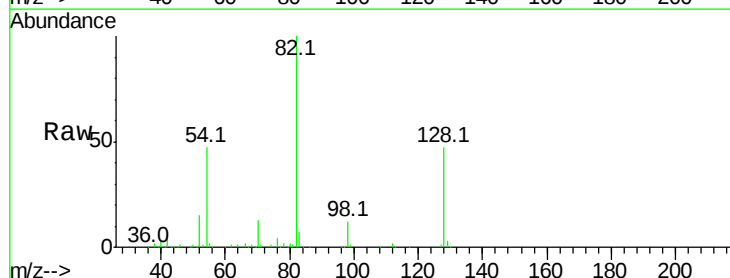
Ion Ratio Lower Upper

70 100

42 42.4 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

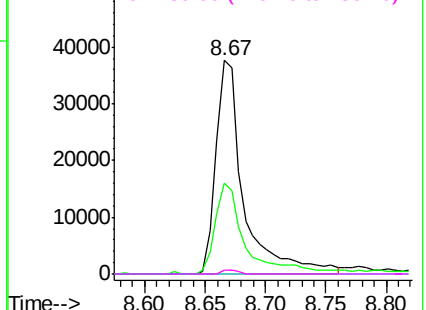
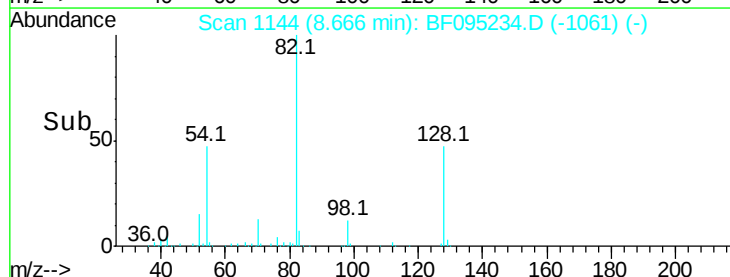


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095234.D

Acq: 18 May 2017 21:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 411021

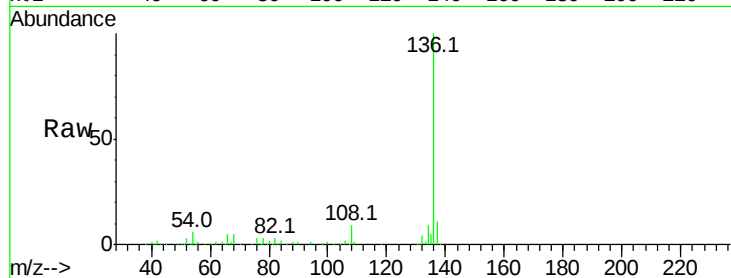
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.5 4.9 7.3

68 5.2 4.1 6.1

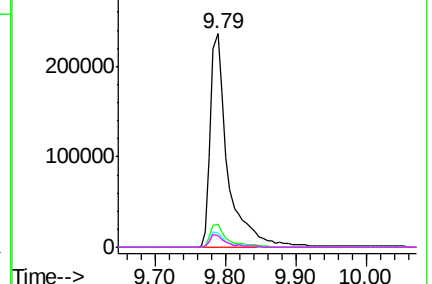
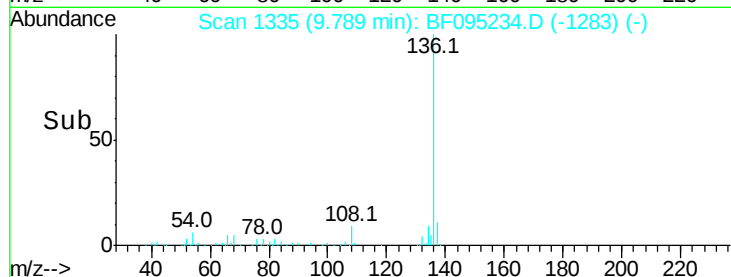


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.41 ng

RT: 8.67 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF095234.D

Acq: 18 May 2017 21:31

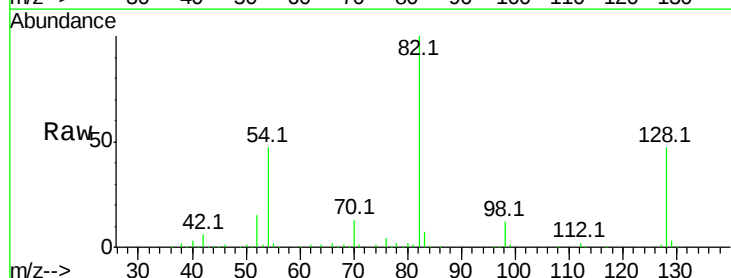
Tgt Ion: 82 Resp: 485031

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

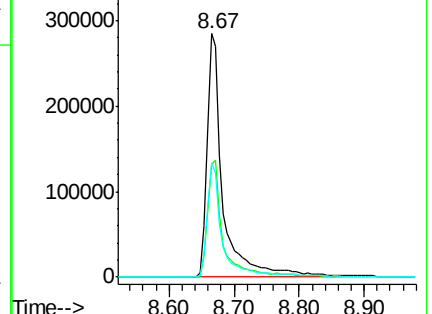
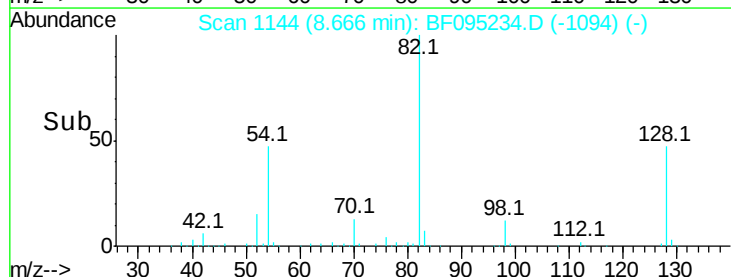
54 47.2 42.2 63.2



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: 12.62 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF095234.D

Acq: 18 May 2017 21:31

Instrument :

BNA_F

ClientSampleId :

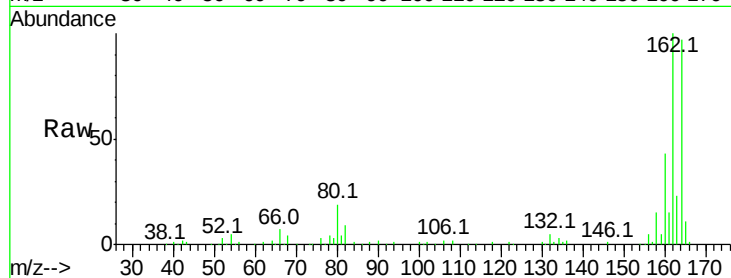
Tot Ion:164 Resp: 204632

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

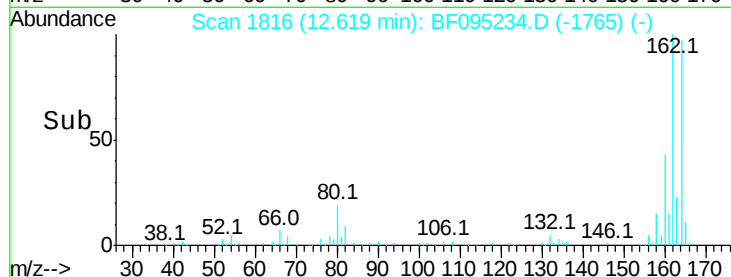
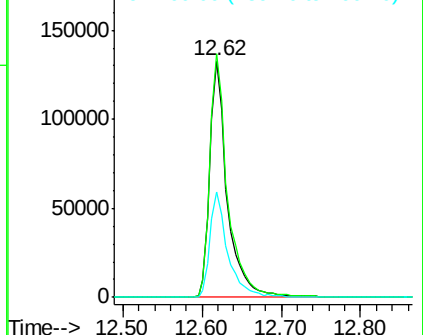
160 44.7 36.2 54.2



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: 135.43 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF095234.D

Acq: 18 May 2017 21:31

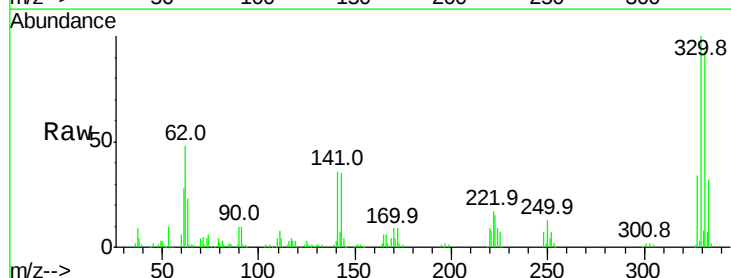
Tgt Ion:330 Resp: 226961

Ion Ratio Lower Upper

330 100

332 95.1 76.6 115.0

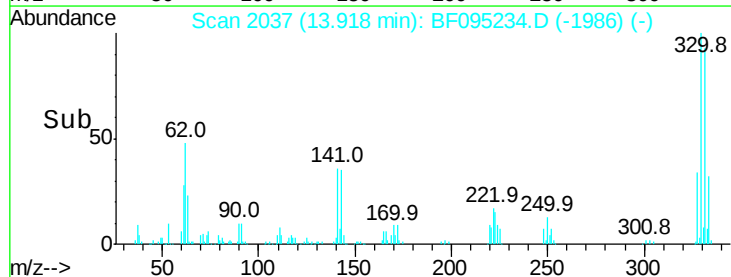
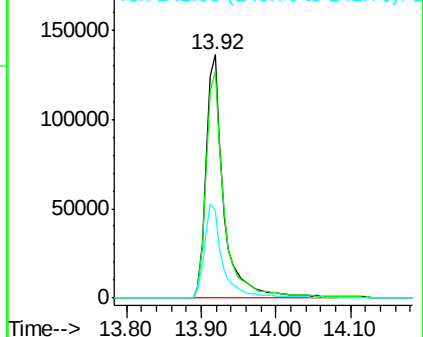
141 39.0 31.4 47.2

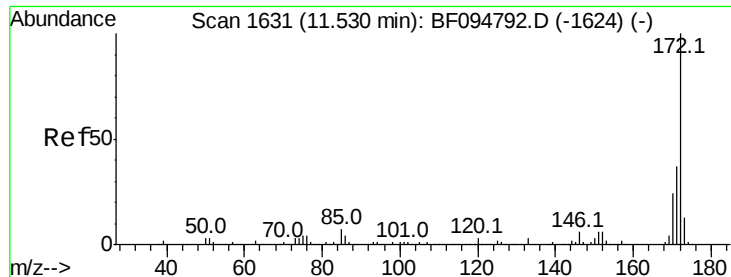


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

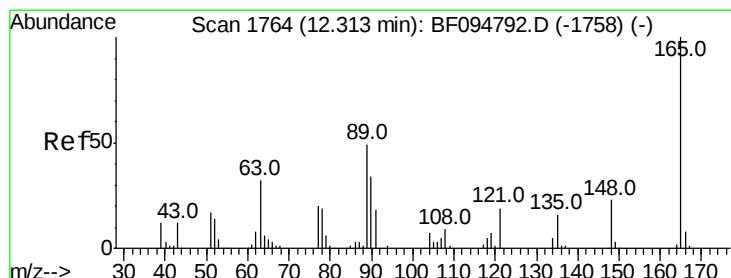
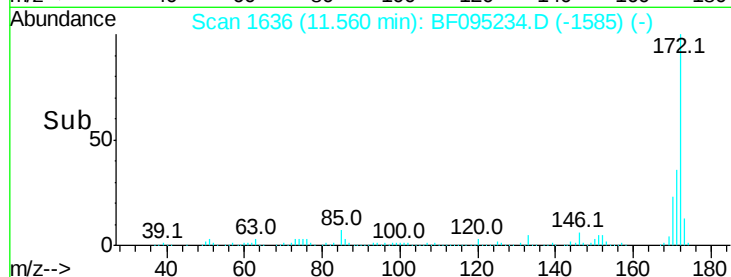
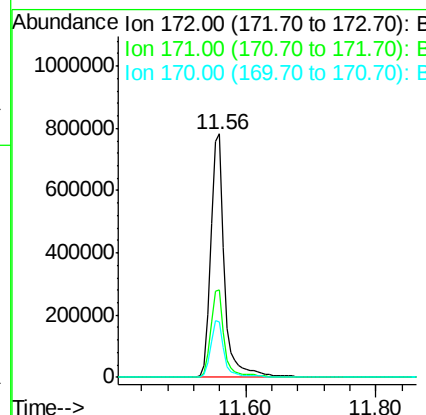
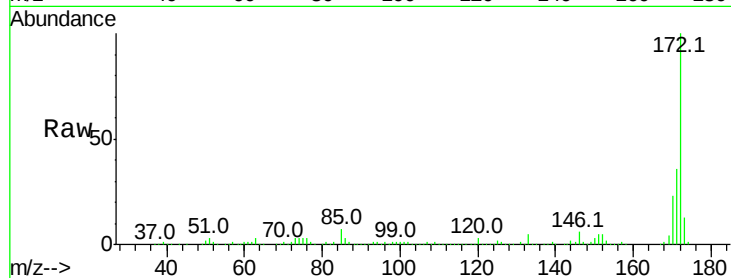




#44
 2-Fluorobiphenyl
 Concen: 80.70 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF095234.D
 Acq: 18 May 2017 21:31

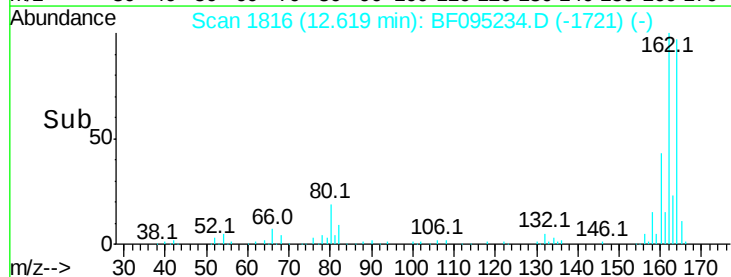
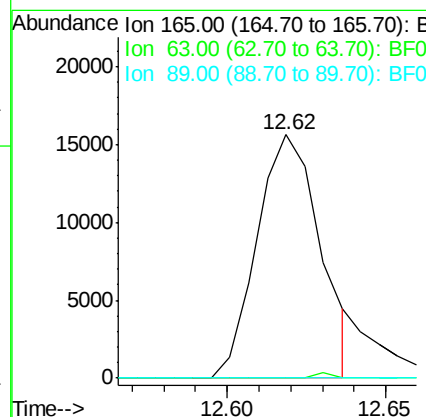
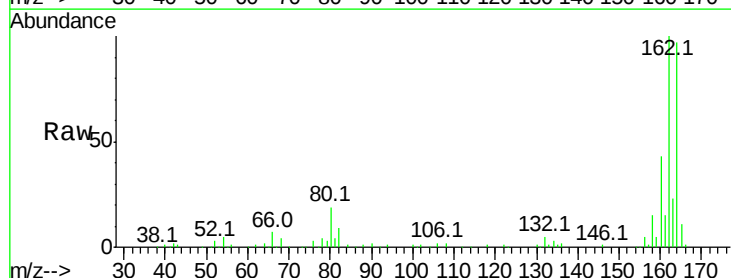
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1147313
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 22.8 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 6.33 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.26 min
 Lab File: BF095234.D
 Acq: 18 May 2017 21:31

Tgt Ion:165 Resp: 21694
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

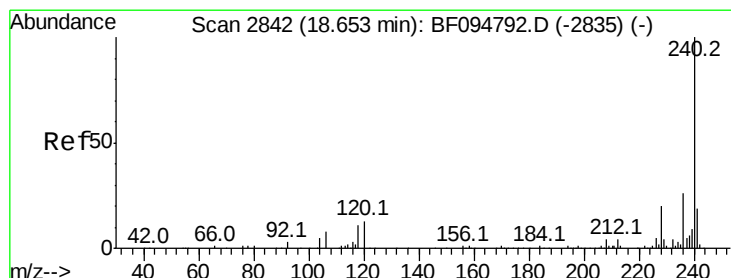
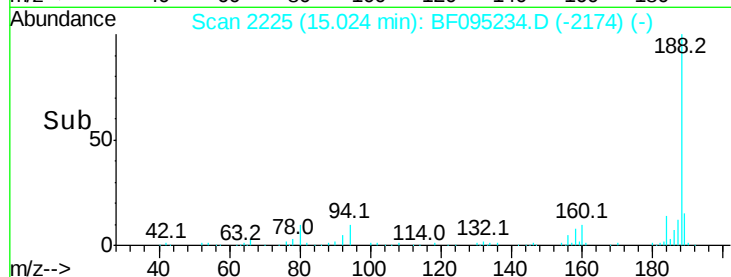
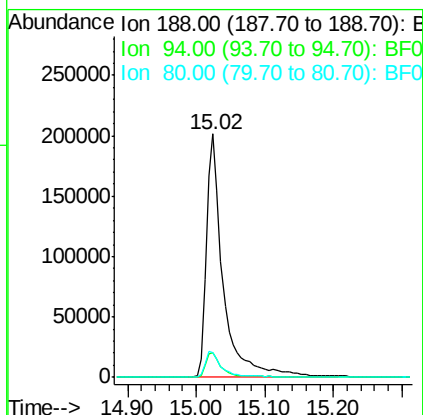
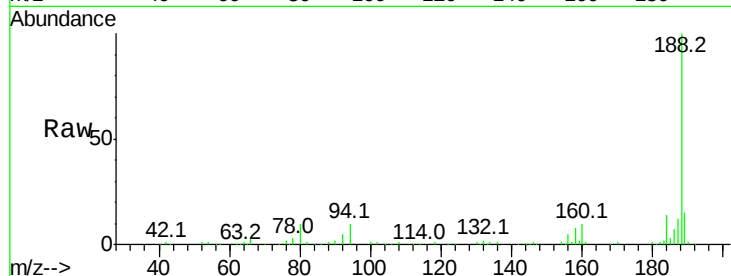




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095234.D
 Acq: 18 May 2017 21:31

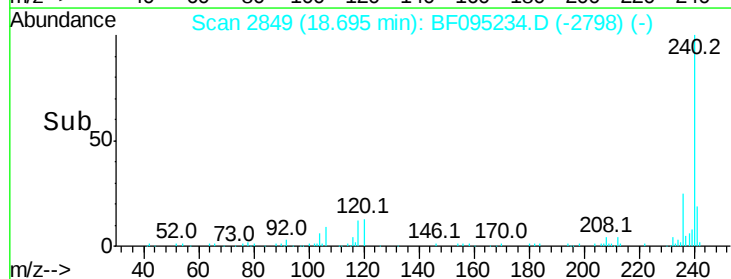
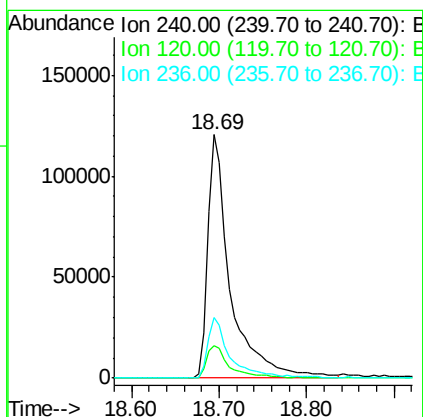
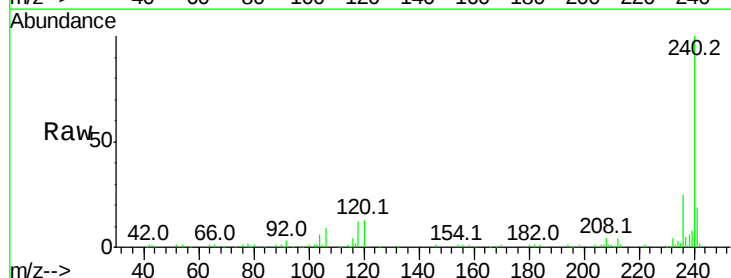
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 349339
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 10.1 10.2 15.2#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095234.D
 Acq: 18 May 2017 21:31

Tgt Ion:240 Resp: 217290
 Ion Ratio Lower Upper
 240 100
 120 13.4 5.8 8.8#
 236 24.7 20.5 30.7





#78

Terphenyl-d14

Concen: 105.80 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095234.D

Acq: 18 May 2017 21:31

Instrument :

BNA_F

ClientSampled :

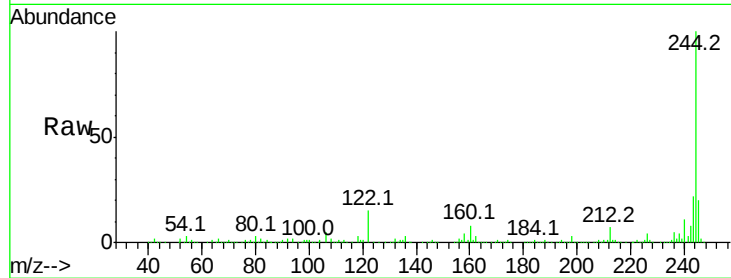
Tot Ion:244 Resp: 1043735

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

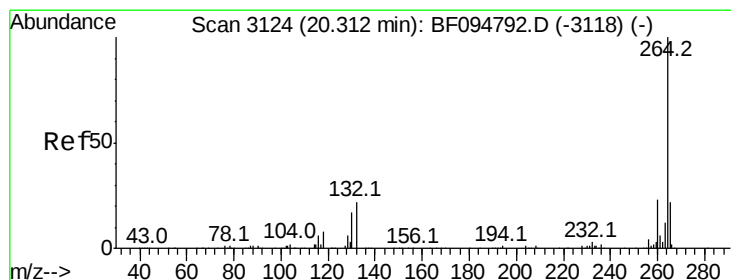
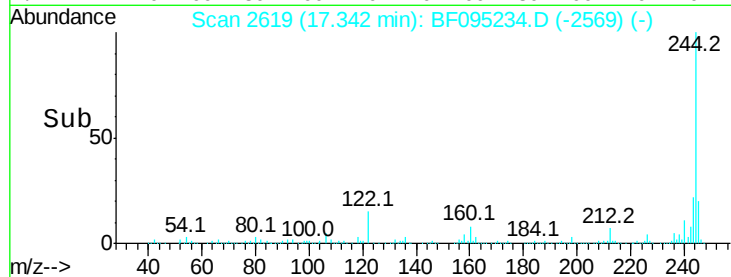
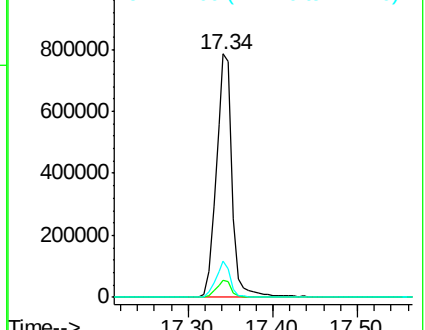
122 15.1 10.3 15.5



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: 20.38 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BF095234.D

Acq: 18 May 2017 21:31

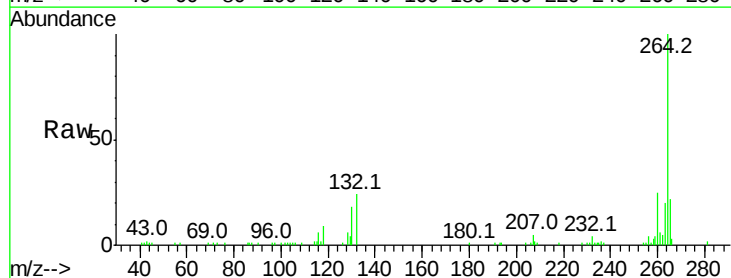
Tgt Ion:264 Resp: 117856

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.1 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

