

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095507.D
 Acq On : 27 May 2017 20:44
 Operator : SJ/MA
 Sample : I3306-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 29 01:16:37 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

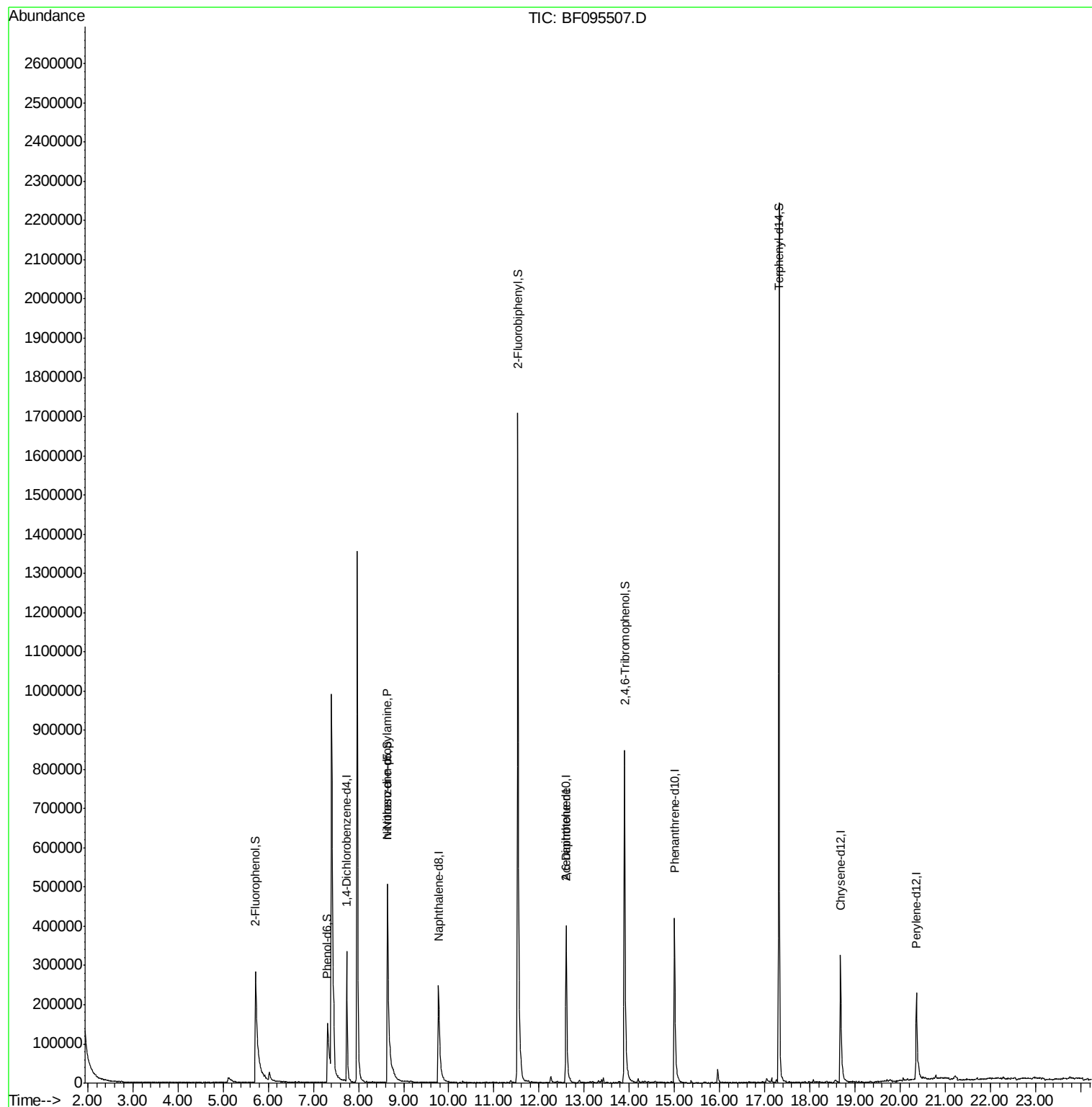
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	85200	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	354350	20.00	ng	0.01
38) Acenaphthene-d10	12.60	164	166963	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	310357	20.00	ng	0.00
75) Chrysene-d12	18.68	240	228857	20.00	ng	0.00
86) Perylene-d12	20.36	264	169172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	338611	66.26	ng	0.01
7) Phenol-d6	7.31	99	251277	40.98	ng	0.02
23) Nitrobenzene-d5	8.64	82	487785	86.80	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	200318	146.50	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	1106000	95.35	ng	0.00
78) Terphenyl-d14	17.32	244	948118	91.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.64	70	52310	12.61	ng	# 75
50) 2,6-Dinitrotoluene	12.60	165	18772	6.71	ng	# 31

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

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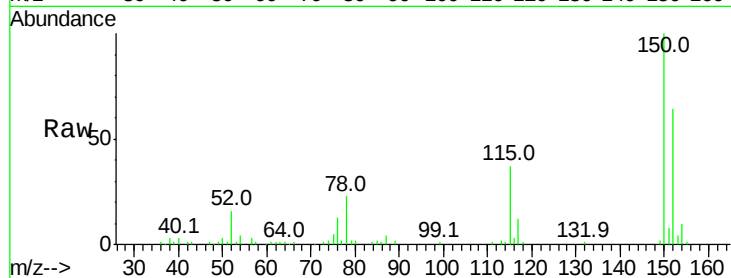


#1

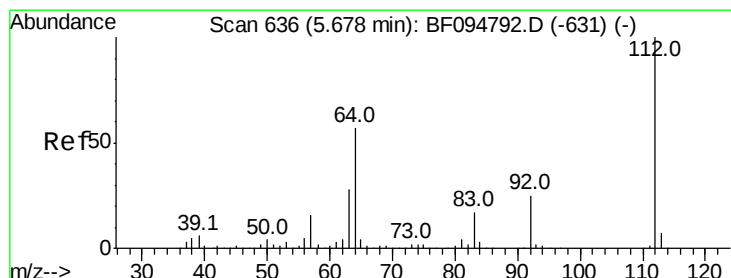
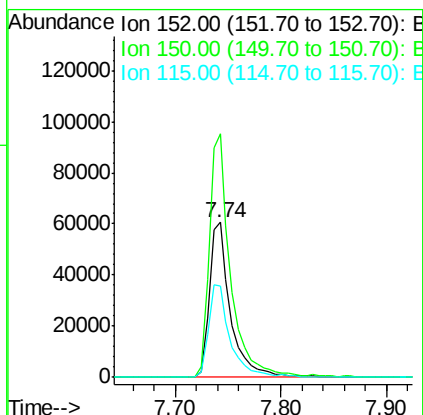
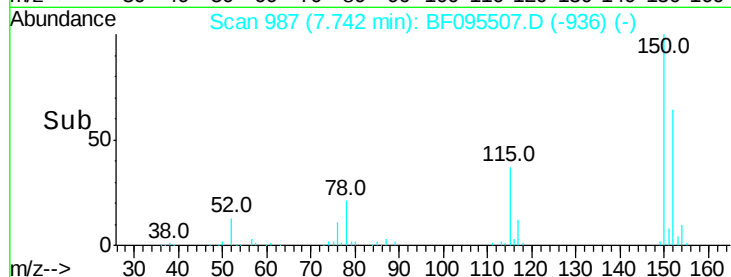
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF095507.D
Acq: 27 May 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85200
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 58.7 52.2 78.2



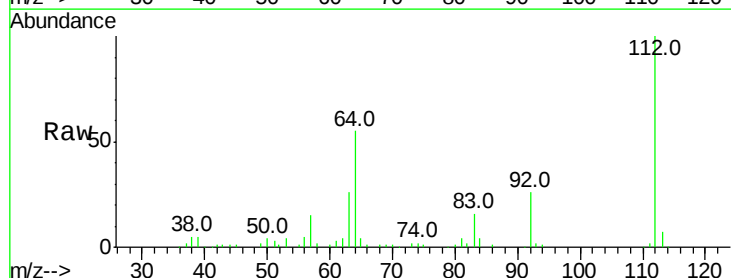
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



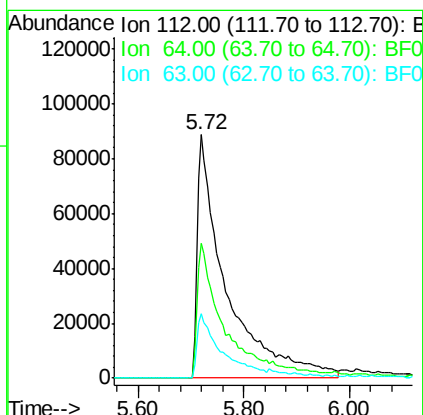
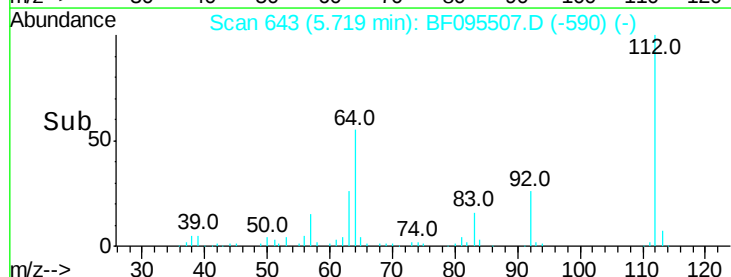
#5

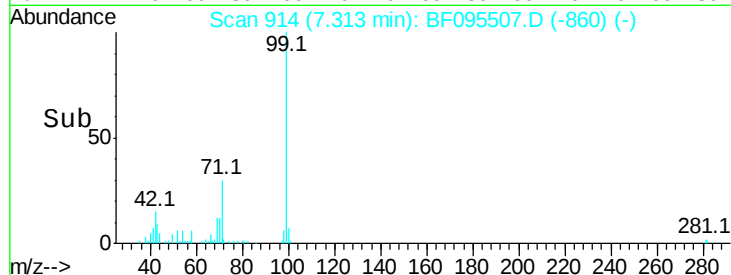
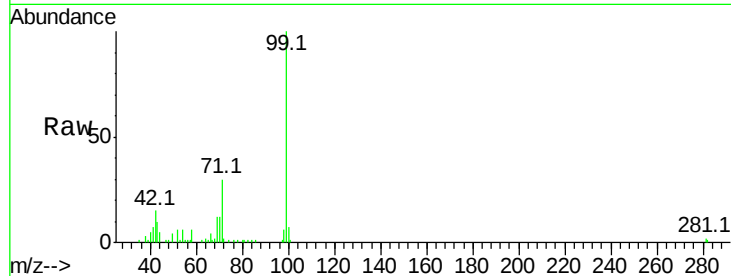
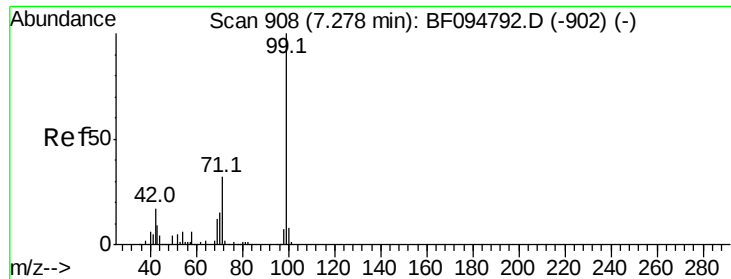
2-Fluorophenol
Concen: 66.26 ng
RT: 5.72 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF095507.D
Acq: 27 May 2017 20:44

Tgt Ion:112 Resp: 338611
Ion Ratio Lower Upper
112 100
64 55.2 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: 40.98 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.02 min

Lab File: BF095507.D

Acq: 27 May 2017 20:44

Instrument :

BNA_F

ClientSampleId :

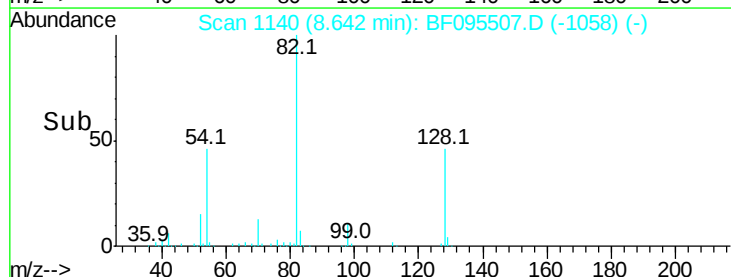
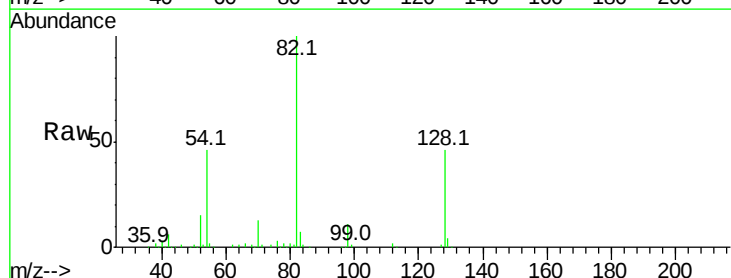
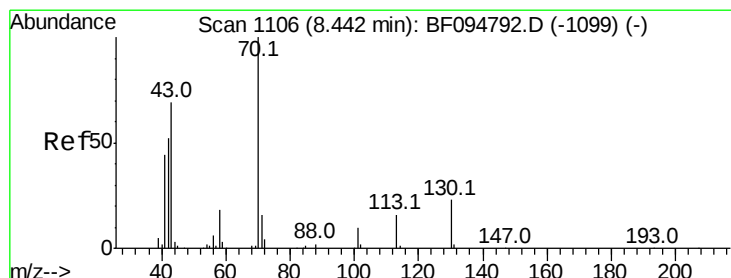
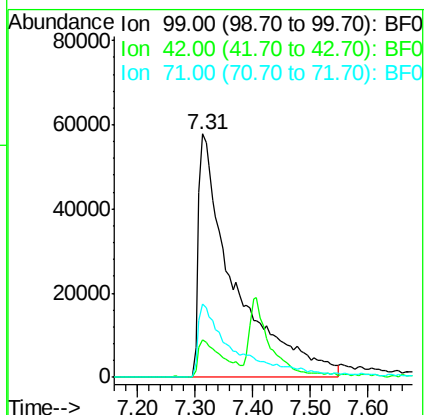
Tot Ion: 99 Resp: 251277

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

71 30.4 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.61 ng

RT: 8.64 min Scan# 1140

Delta R.T. 0.18 min

Lab File: BF095507.D

Acq: 27 May 2017 20:44

Tgt Ion: 70 Resp: 52310

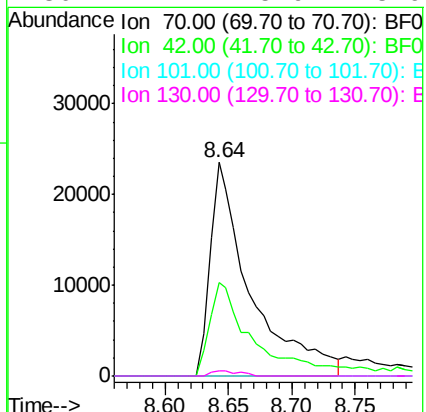
Ion Ratio Lower Upper

70 100

42 43.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF095507.D

Acq: 27 May 2017 20:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 354350

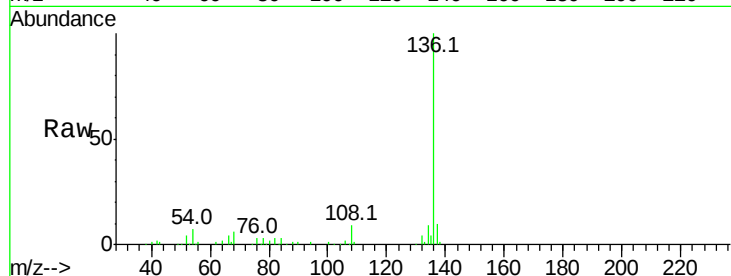
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 7.2 4.9 7.3

68 6.0 4.1 6.1

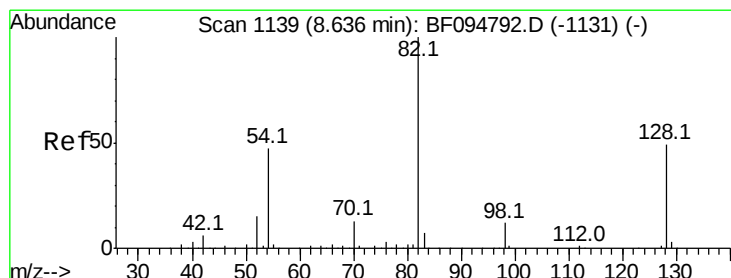
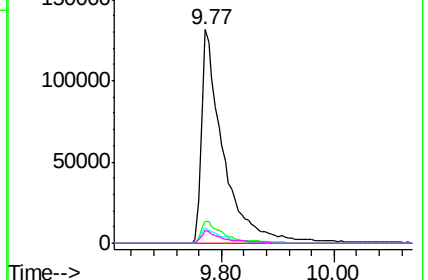
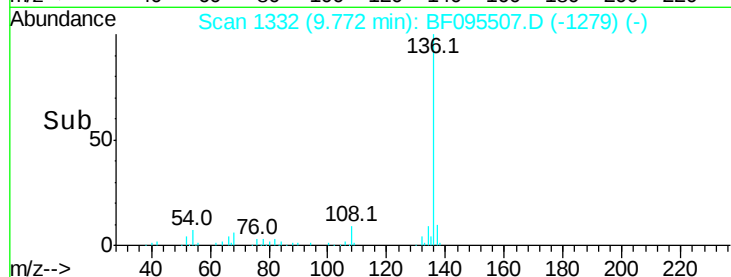


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.80 ng

RT: 8.64 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF095507.D

Acq: 27 May 2017 20:44

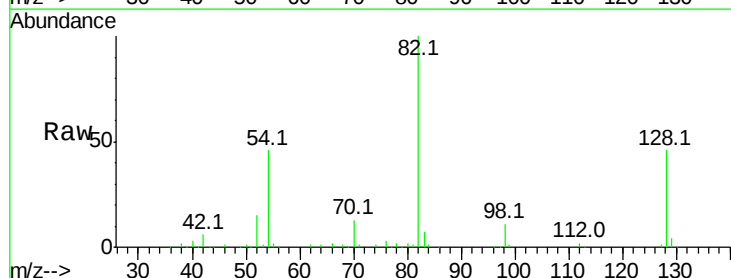
Tgt Ion: 82 Resp: 487785

Ion Ratio Lower Upper

82 100

128 46.1 34.0 51.0

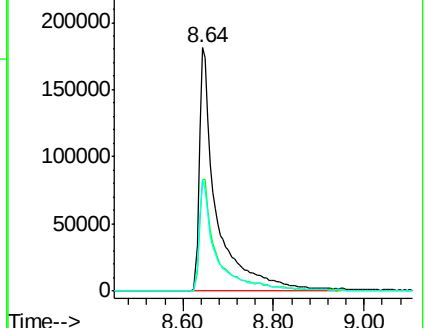
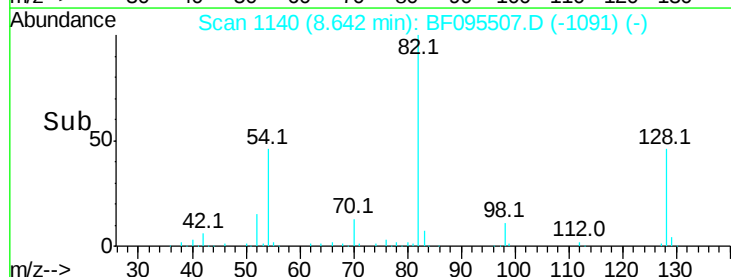
54 46.2 42.2 63.2



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: 12.60 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF095507.D

Acq: 27 May 2017 20:44

Instrument :

BNA_F

ClientSampleId :

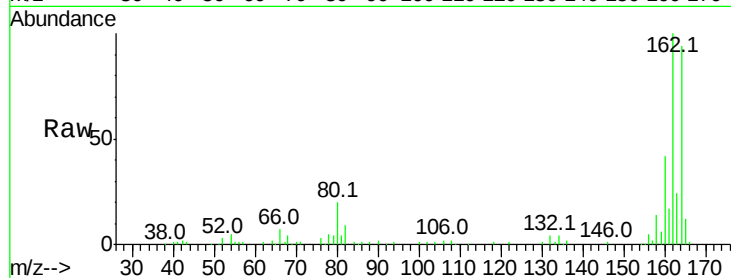
Tot Ion:164 Resp: 166963

Ion Ratio Lower Upper

164 100

162 106.2 82.6 123.8

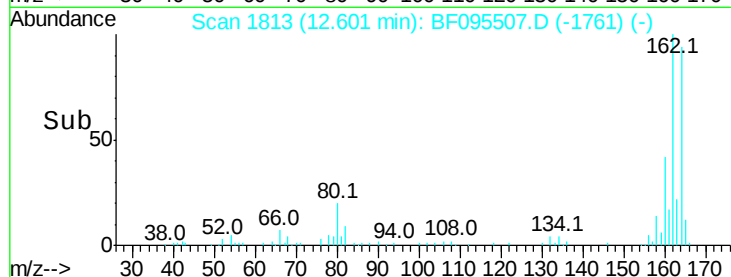
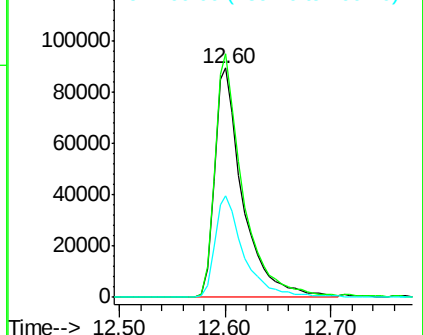
160 44.2 36.2 54.2



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: 146.50 ng

RT: 13.89 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF095507.D

Acq: 27 May 2017 20:44

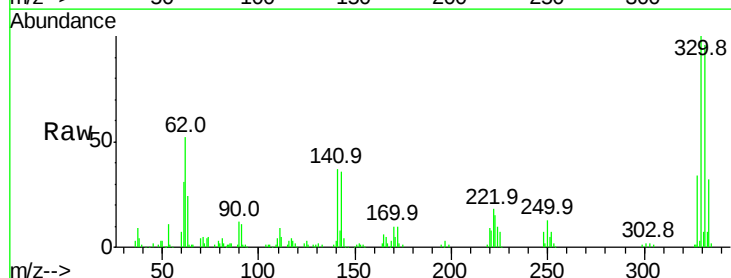
Tgt Ion:330 Resp: 200318

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

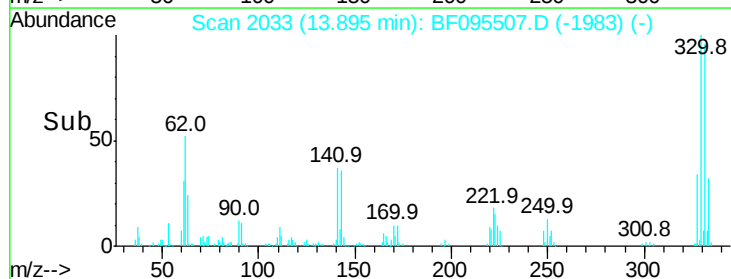
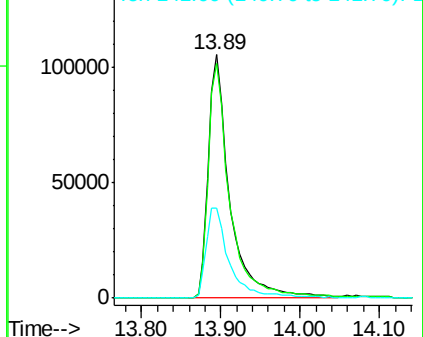
141 40.6 31.4 47.2

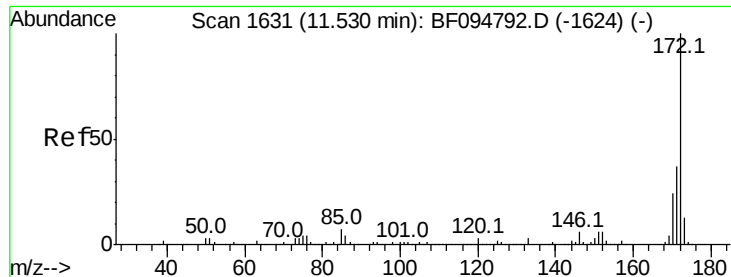


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

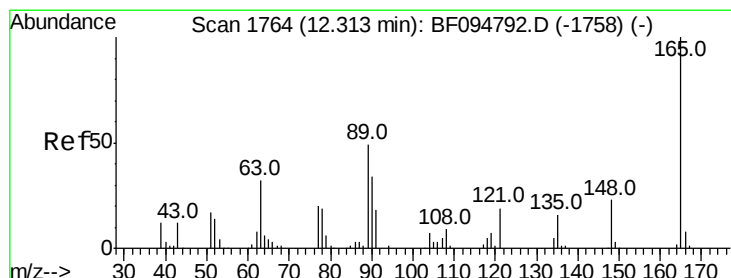
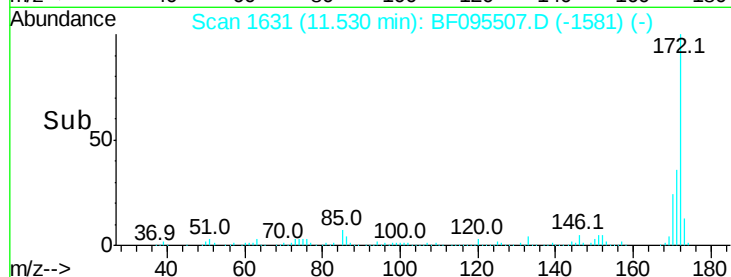
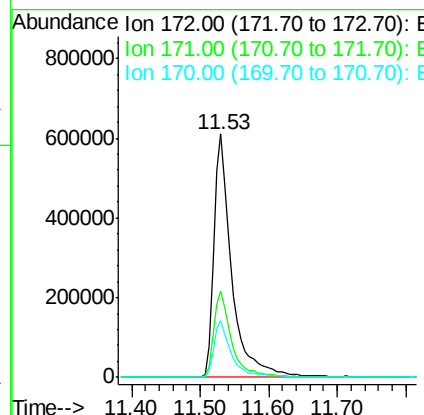
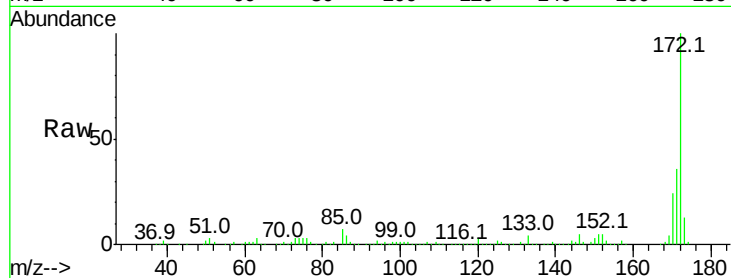




#44
 2-Fluorobiphenyl
 Concen: 95.35 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095507.D
 Acq: 27 May 2017 20:44

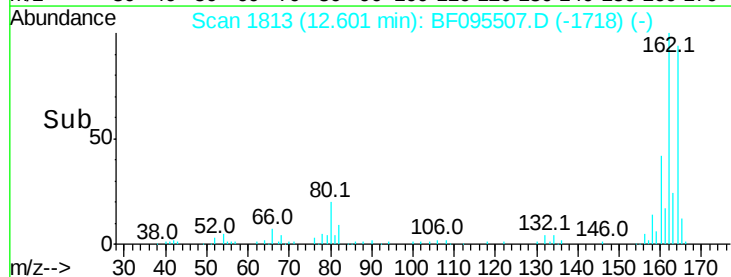
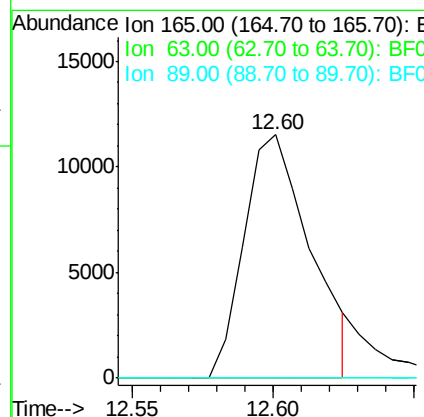
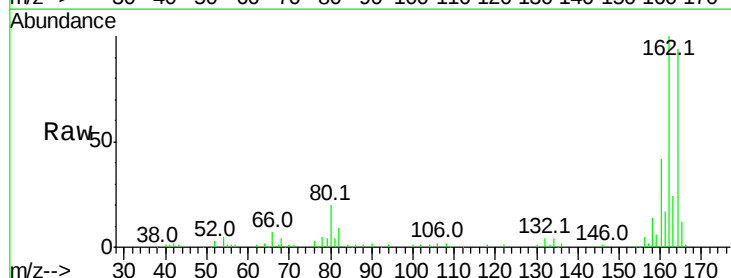
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1106000
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.6 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 6.71 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.26 min
 Lab File: BF095507.D
 Acq: 27 May 2017 20:44

Tgt Ion:165 Resp: 18772
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

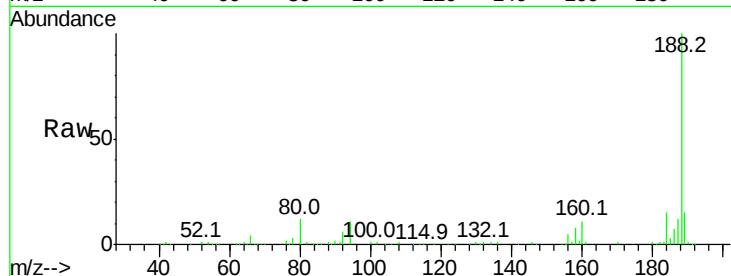




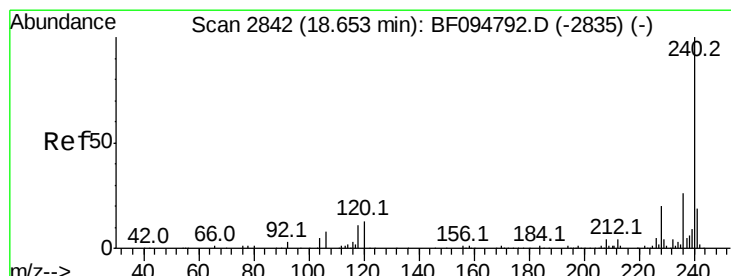
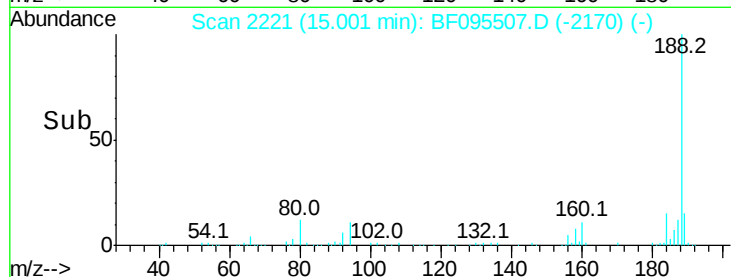
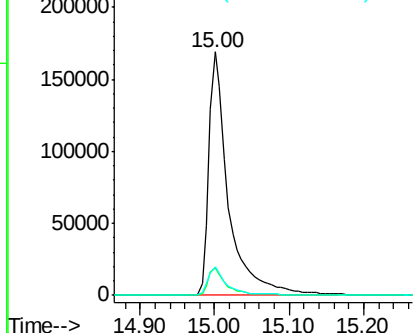
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BF095507.D
 Acq: 27 May 2017 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 310357
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 11.8 10.2 15.2

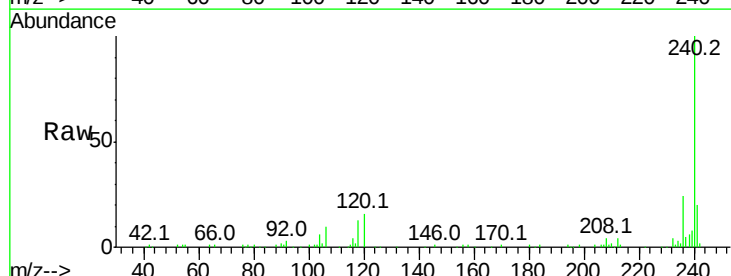


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

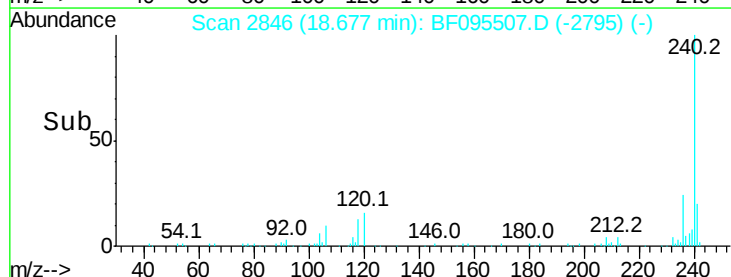
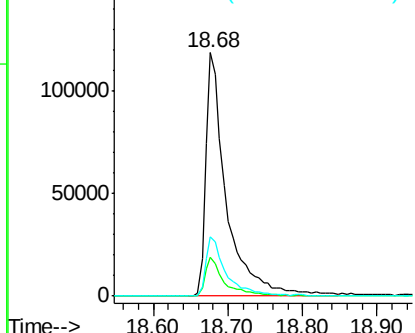


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.00 min
 Lab File: BF095507.D
 Acq: 27 May 2017 20:44

Tgt Ion:240 Resp: 228857
 Ion Ratio Lower Upper
 240 100
 120 16.0 5.8 8.8#
 236 24.4 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: 91.25 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095507.D

Acq: 27 May 2017 20:44

Instrument :

BNA_F

ClientSampled :

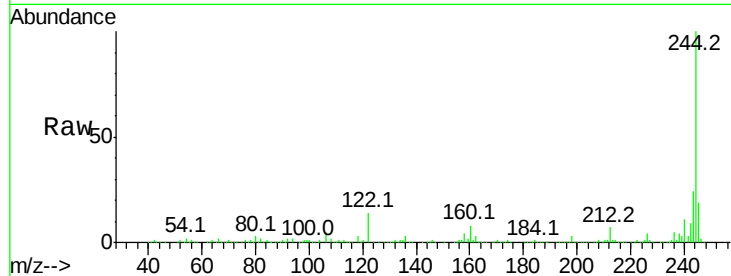
Tot Ion:244 Resp: 948118

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

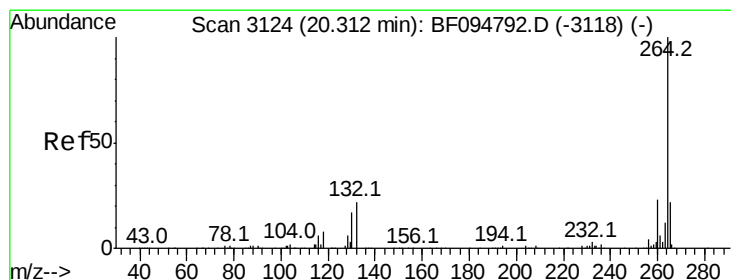
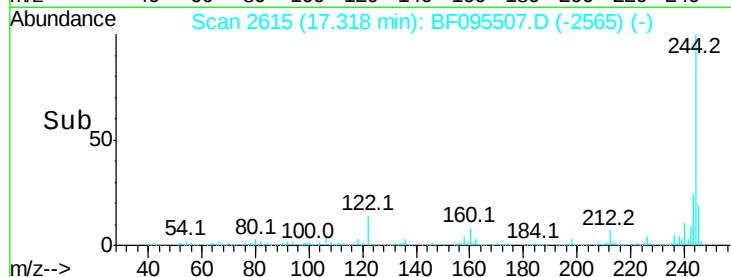
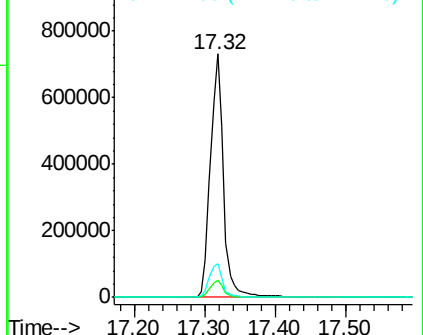
122 13.9 10.3 15.5



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: BF095507.D

Acq: 27 May 2017 20:44

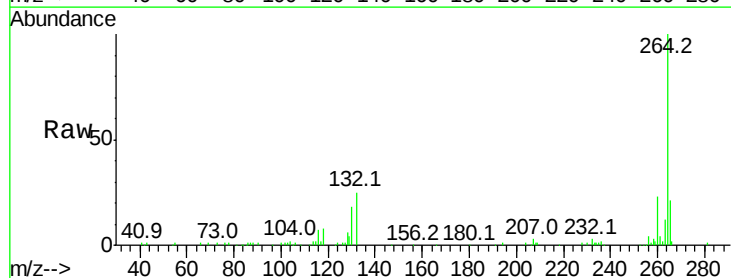
Tgt Ion:264 Resp: 169172

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 21.2 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

