

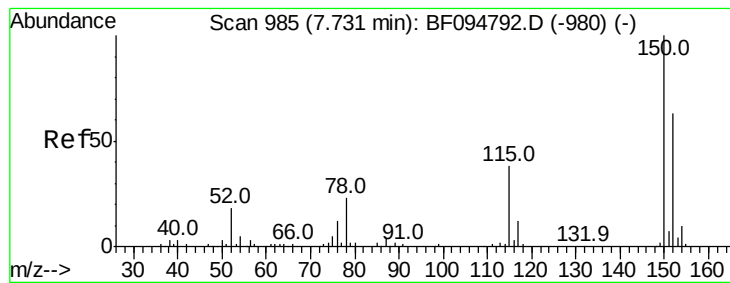
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095501.D
 Acq On : 27 May 2017 14:43
 Operator : SJ/MA
 Sample : PB99295BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 29 01:14:56 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	88252	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	361515	20.00	ng	0.01
38) Acenaphthene-d10	12.60	164	171200	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	273732	20.00	ng	0.00
75) Chrysene-d12	18.68	240	220146	20.00	ng	0.00
86) Perylene-d12	20.35	264	159311	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	699565	132.16	ng	0.00
7) Phenol-d6	7.28	99	859910	135.39	ng	-0.01
23) Nitrobenzene-d5	8.64	82	468999	81.81	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	188303	134.30	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	1061881	89.28	ng	0.00
78) Terphenyl-d14	17.32	244	789331	78.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.64	70	52656	12.26	ng	# 77
50) 2,6-Dinitrotoluene	12.60	165	18814	6.56	ng	# 31

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

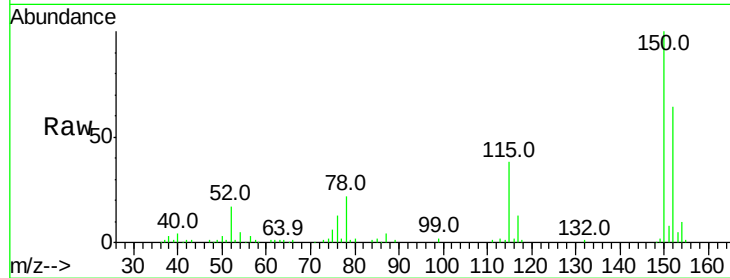


#1

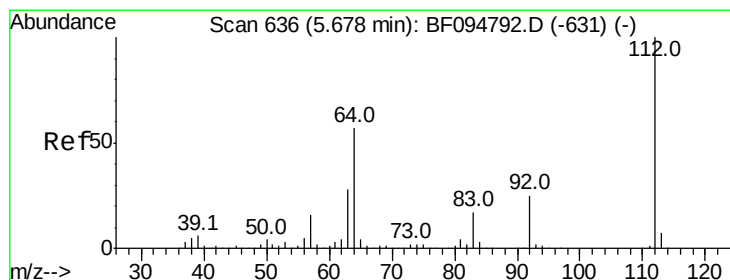
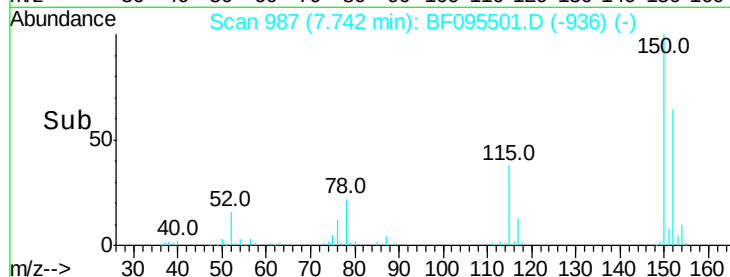
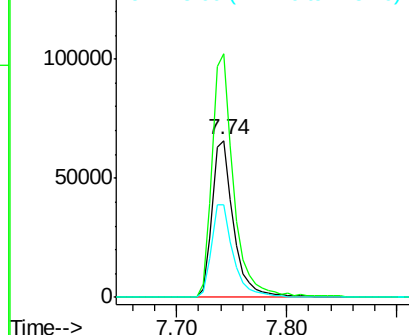
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF095501.D
Acq: 27 May 2017 14:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 88252
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 58.8 52.2 78.2



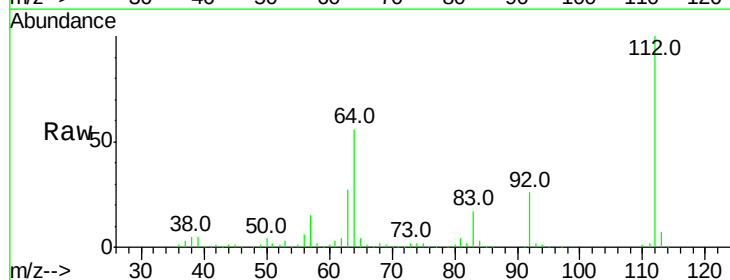
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



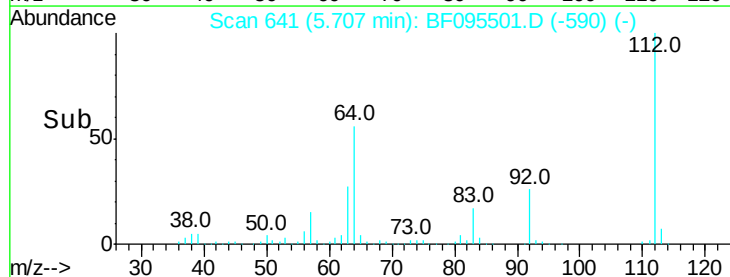
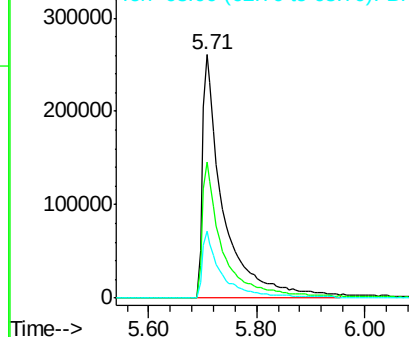
#5

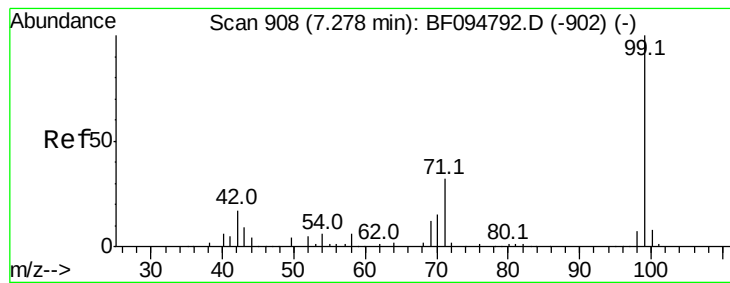
2-Fluorophenol
Concen: 132.16 ng
RT: 5.71 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF095501.D
Acq: 27 May 2017 14:43

Tgt Ion:112 Resp: 699565
Ion Ratio Lower Upper
112 100
64 55.7 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: 135.39 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095501.D

Acq: 27 May 2017 14:43

Instrument :

BNA_F

ClientSampled :

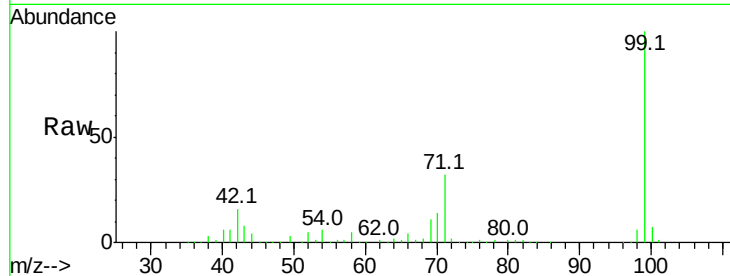
Tot Ion: 99 Resp: 859910

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

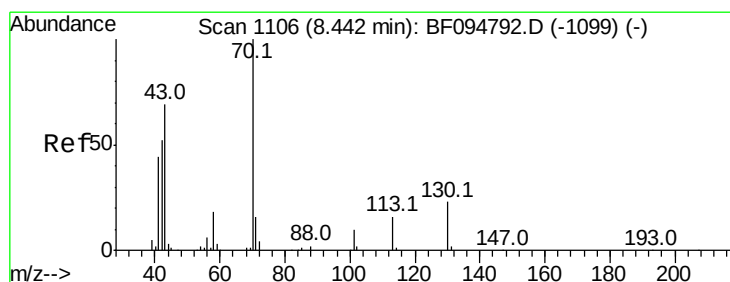
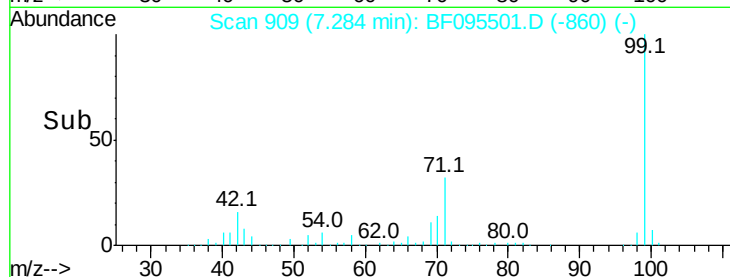
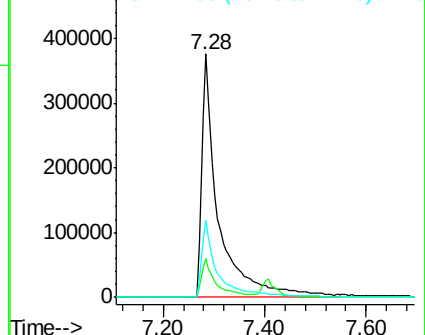
71 31.9 24.5 36.7



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: 12.26 ng

RT: 8.64 min Scan# 1140

Delta R.T. 0.18 min

Lab File: BF095501.D

Acq: 27 May 2017 14:43

Tgt Ion: 70 Resp: 52656

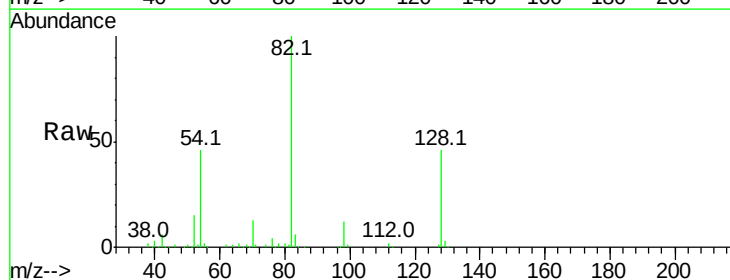
Ion Ratio Lower Upper

70 100

42 45.0 47.2 70.8#

101 0.0 7.2 10.8#

130 3.4 15.9 23.9#

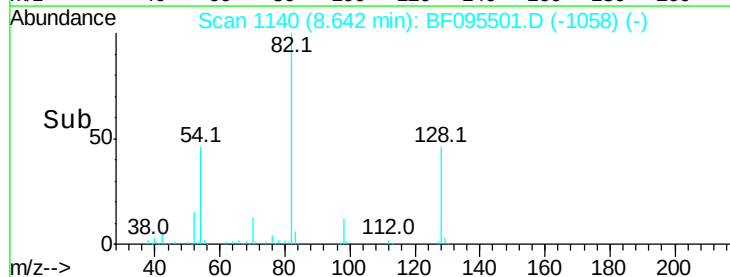
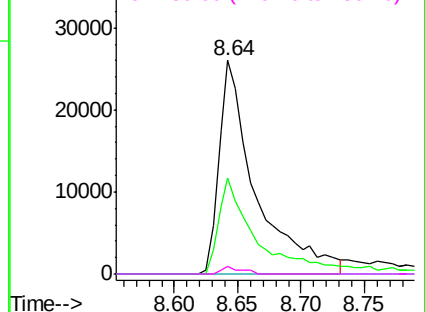


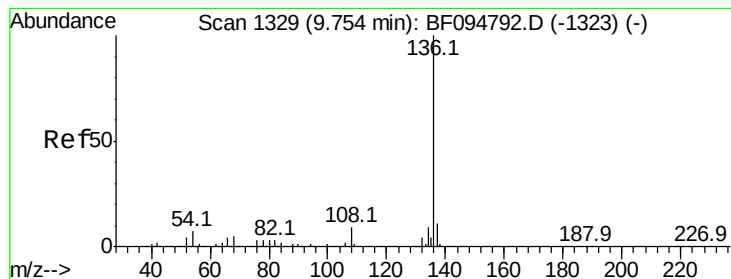
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF095501.D

Acq: 27 May 2017 14:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 361515

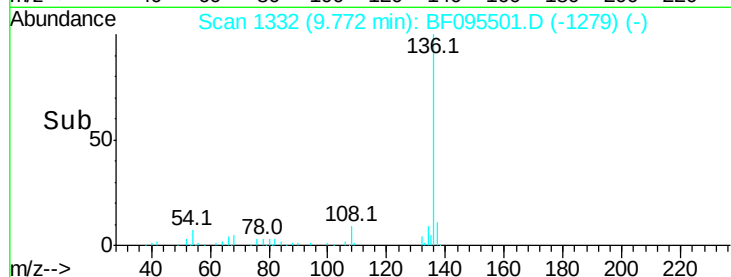
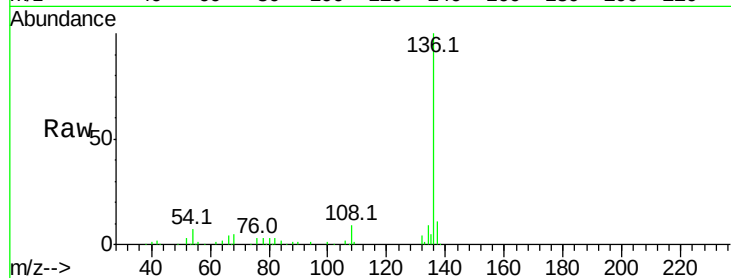
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.9 4.9 7.3

68 5.3 4.1 6.1

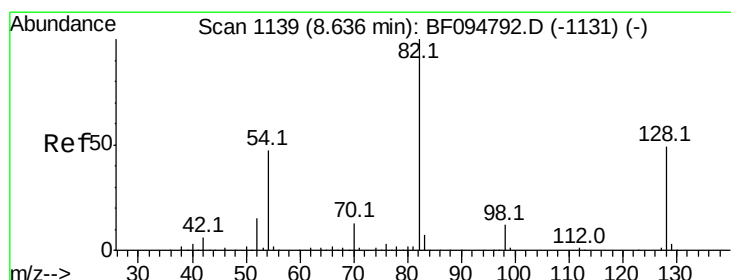
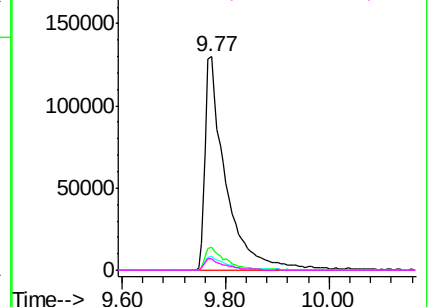


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.81 ng

RT: 8.64 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF095501.D

Acq: 27 May 2017 14:43

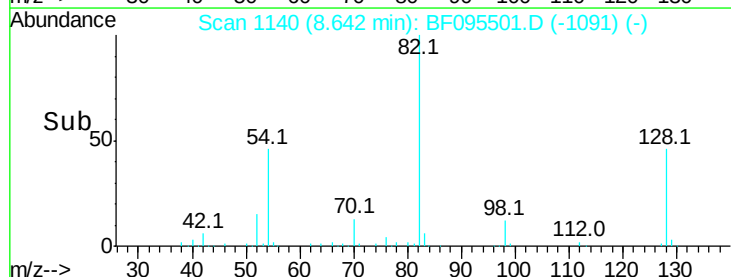
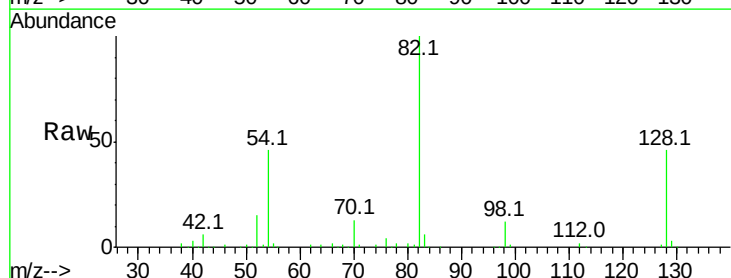
Tgt Ion: 82 Resp: 468999

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

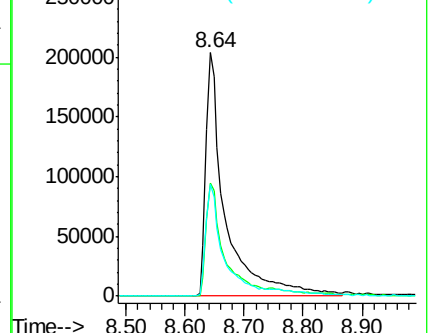
54 45.7 42.2 63.2

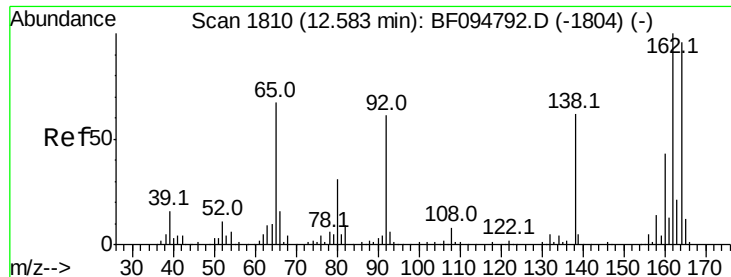


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF095501.D

Acq: 27 May 2017 14:43

Instrument :

BNA_F

ClientSampleId :

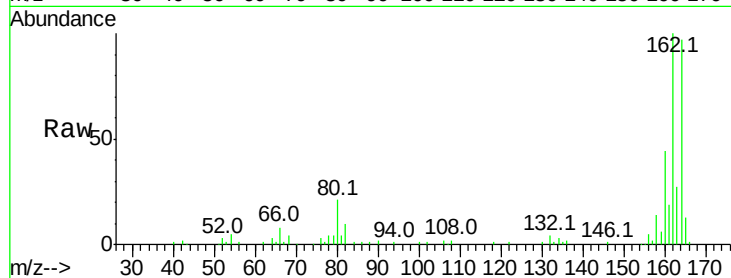
Tot Ion:164 Resp: 171200

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

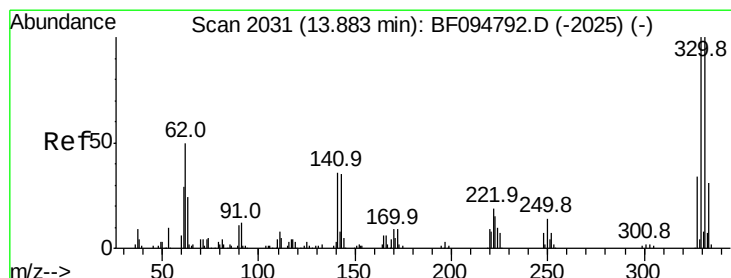
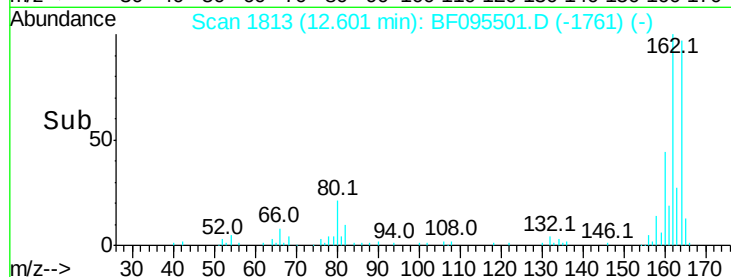
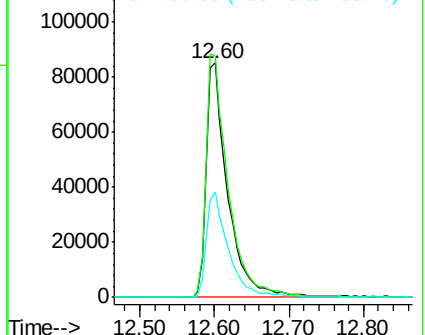
160 45.1 36.2 54.2



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: 134.30 ng

RT: 13.89 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF095501.D

Acq: 27 May 2017 14:43

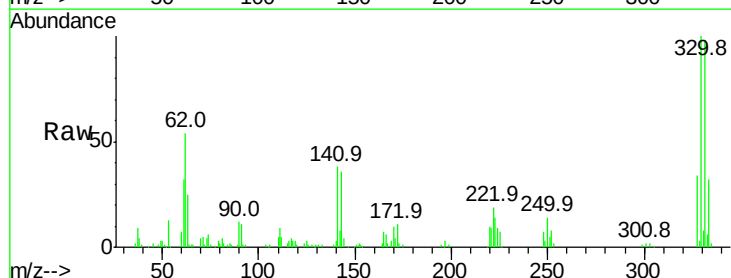
Tgt Ion:330 Resp: 188303

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

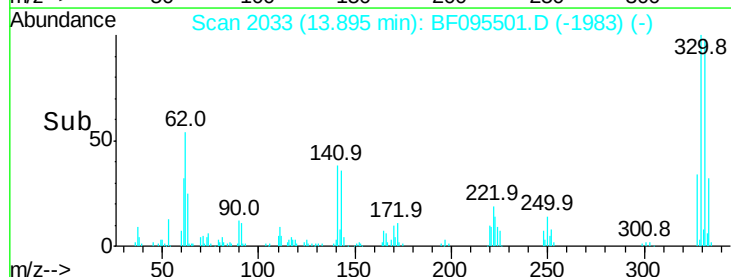
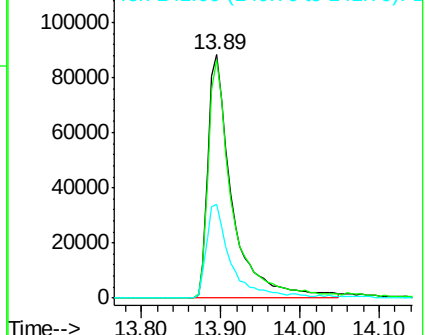
141 37.7 31.4 47.2

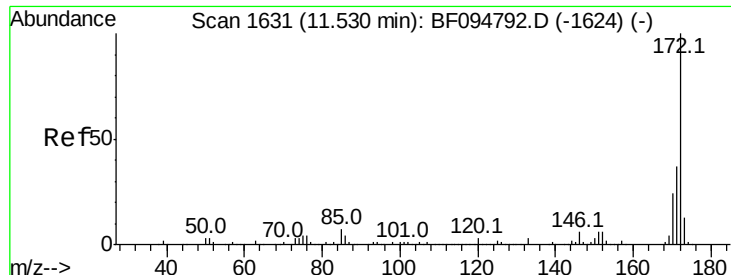


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

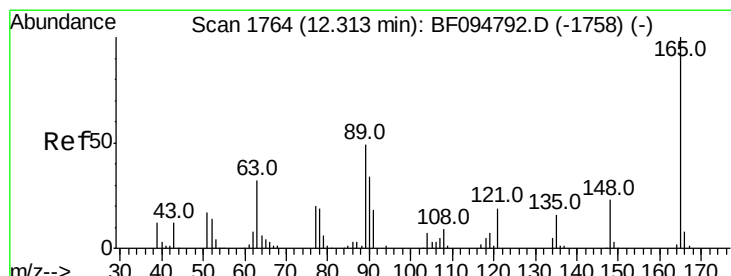
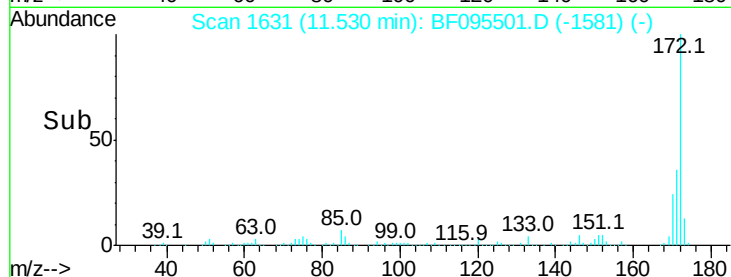
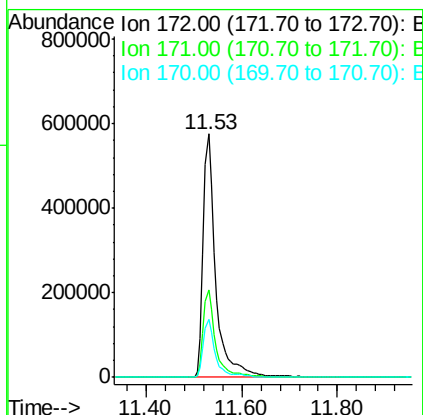
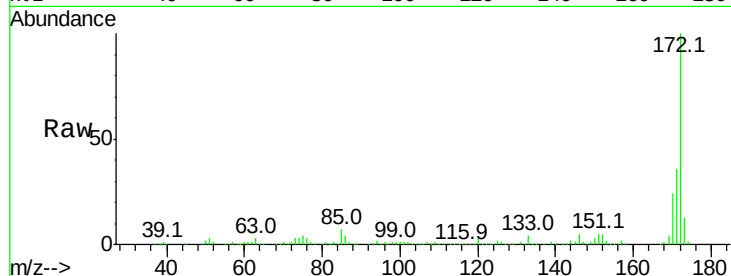




#44
 2-Fluorobiphenyl
 Concen: 89.28 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095501.D
 Acq: 27 May 2017 14:43

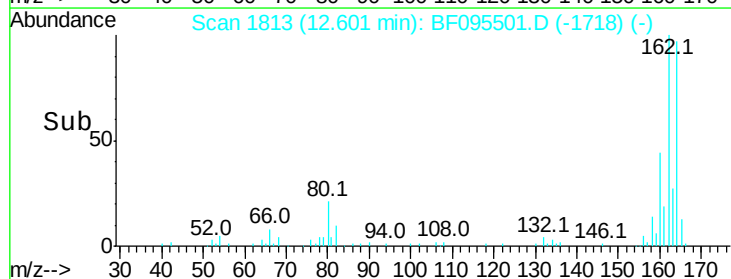
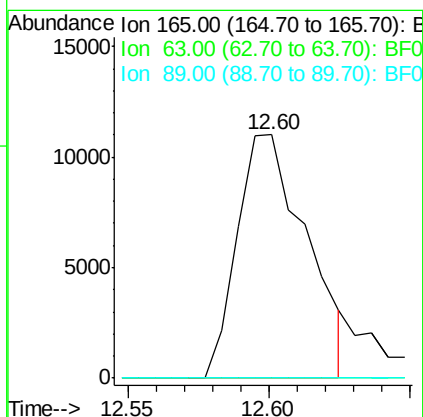
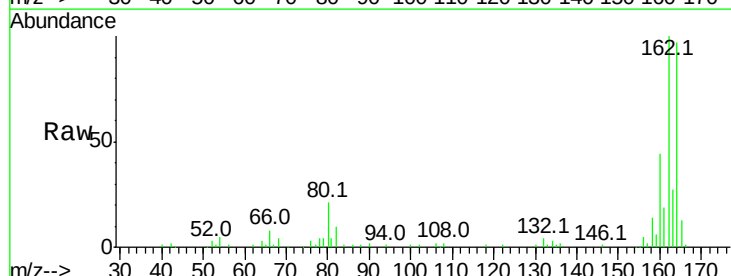
Instrument :
 BNA_F
 ClientSampleId :

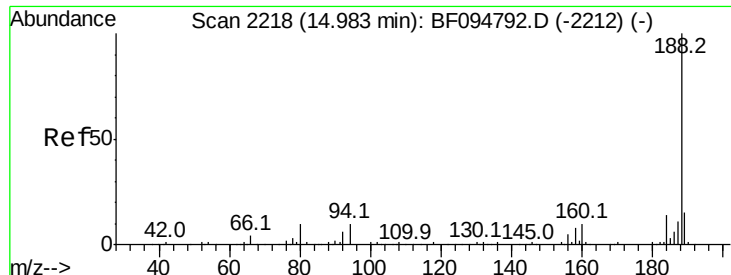
Tot Ion:172 Resp: 1061881
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.6 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 6.56 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.26 min
 Lab File: BF095501.D
 Acq: 27 May 2017 14:43

Tgt Ion:165 Resp: 18814
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

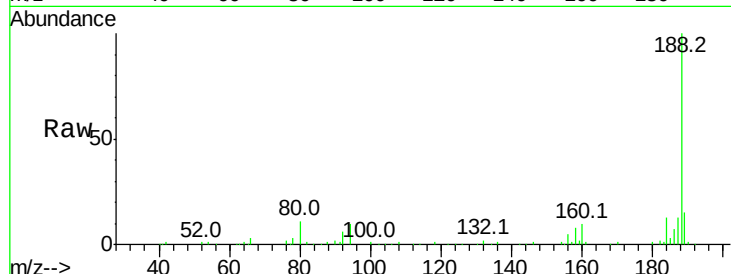




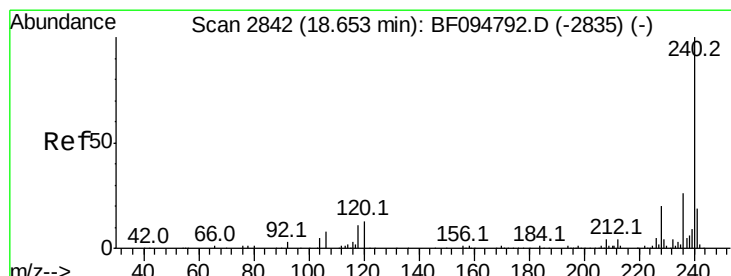
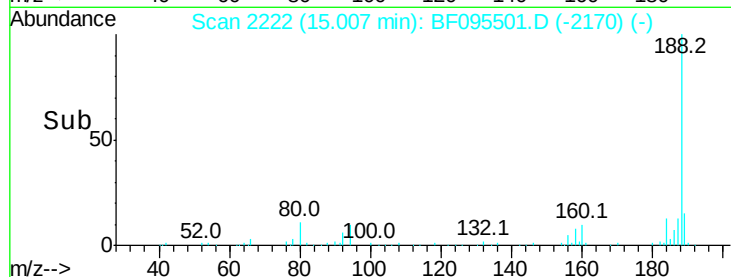
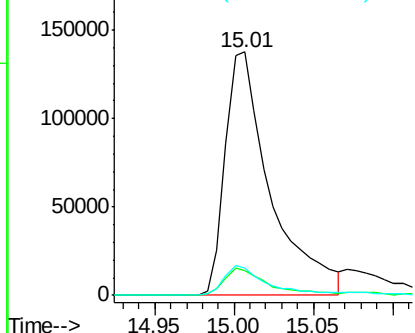
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. 0.01 min
 Lab File: BF095501.D
 Acq: 27 May 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 273732
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 11.1 10.2 15.2

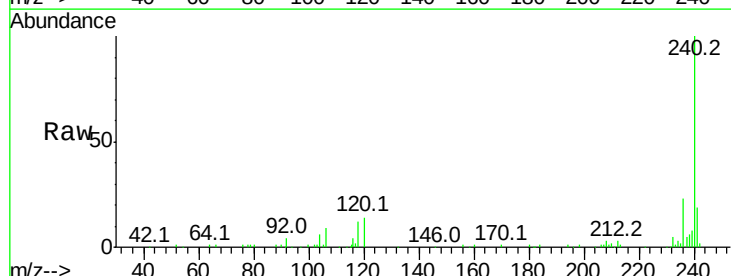


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

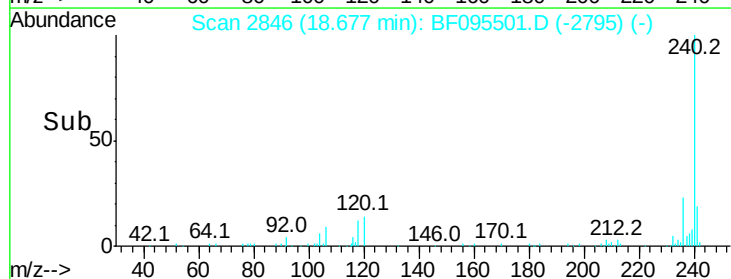
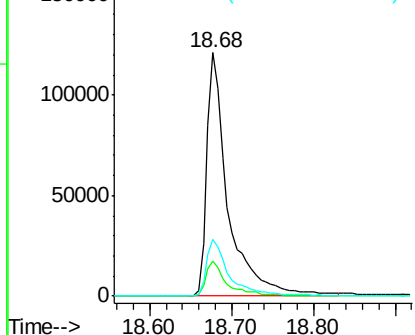


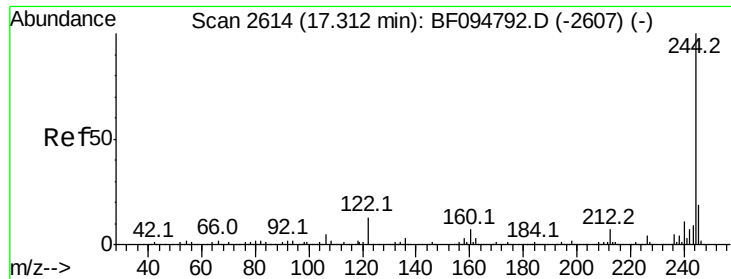
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. 0.00 min
 Lab File: BF095501.D
 Acq: 27 May 2017 14:43

Tgt Ion:240 Resp: 220146
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 23.3 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

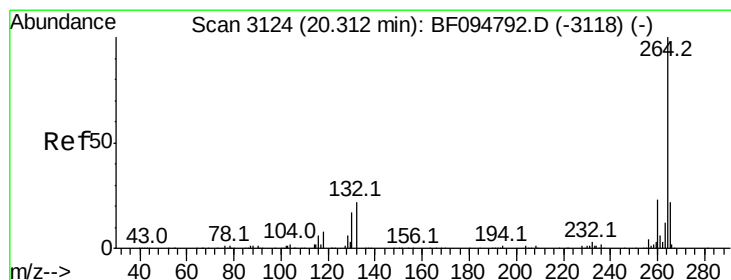
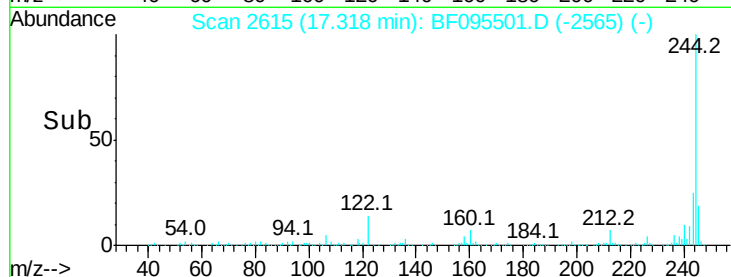
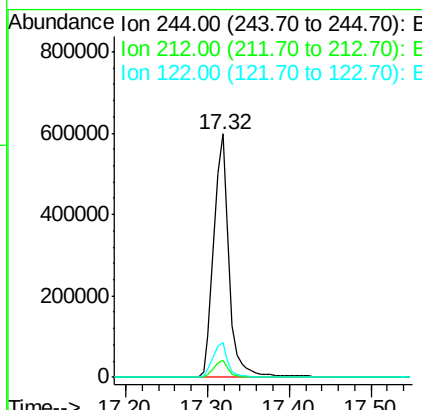
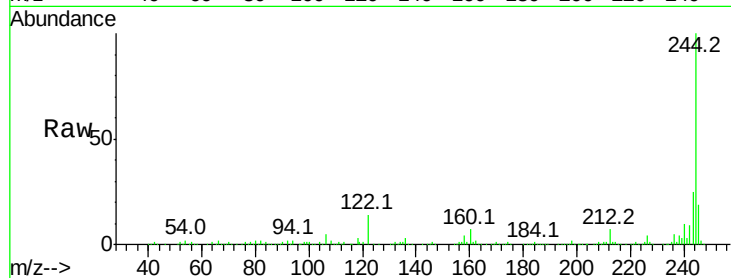




#78
 Terphenyl-d14
 Concen: 78.97 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF095501.D
 Acq: 27 May 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 789331
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3131
 Delta R.T. 0.00 min
 Lab File: BF095501.D
 Acq: 27 May 2017 14:43

Tgt Ion:264 Resp: 159311
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.5 29.3
 265 20.8 17.2 25.8

