

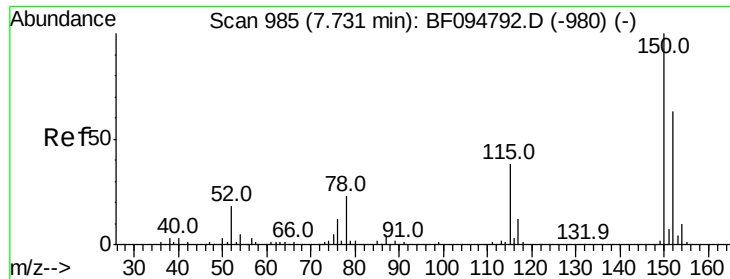
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094932.D
 Acq On : 5 May 2017 23:23
 Operator : SJ/MA
 Sample : I2950-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 06 00:56:41 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	7.72	152	85577	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	335582	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	158297	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	308862	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	261412	20.00	ng	-0.02
86) Perylene-d12	20.31	264	188796	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	553591	107.85	ng	-0.01
7) Phenol-d6	7.26	99	682616	110.84	ng	-0.02
23) Nitrobenzene-d5	8.62	82	398946	74.97	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	152733	117.81	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	812969	73.92	ng	-0.02
78) Terphenyl-d14	17.29	244	694258	58.50	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	49062	11.78	ng	# 77
32) Benzoic acid	9.70	122	115	5.11	ng	# 1
49) Dimethylphthalate	12.21	163	77119	5.93	ng	99
50) 2,6-Dinitrotoluene	12.57	165	15850	5.98	ng	# 31

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

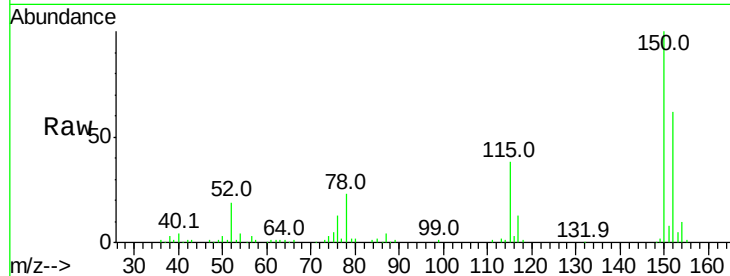


#1

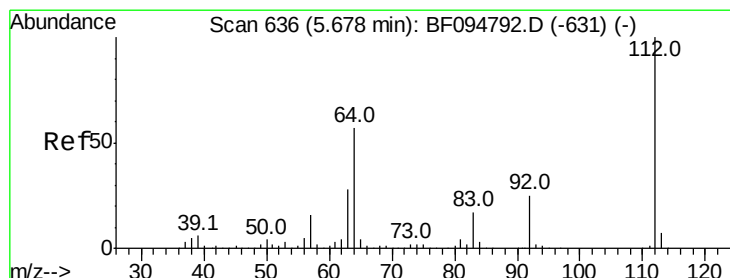
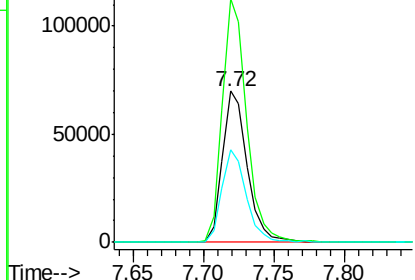
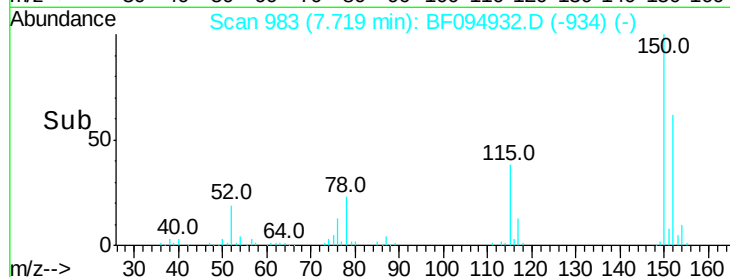
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094932.D
Acq: 5 May 2017 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85577
Ion Ratio Lower Upper
152 100
150 161.1 126.2 189.2
115 61.6 52.2 78.2



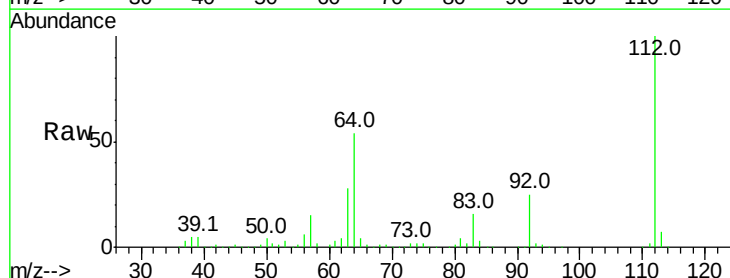
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



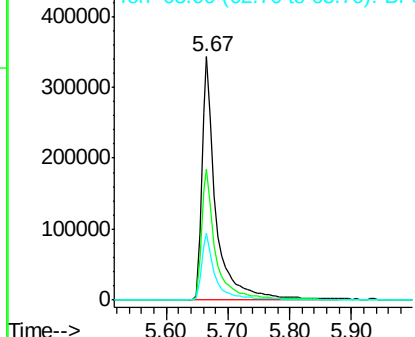
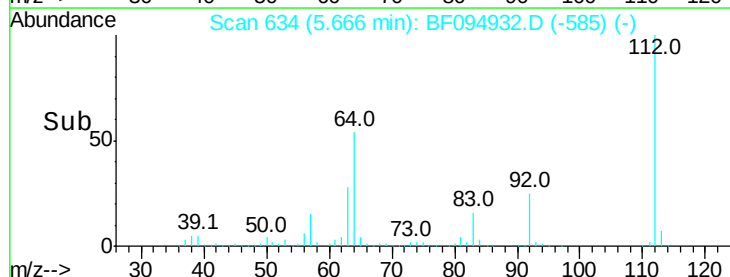
#5

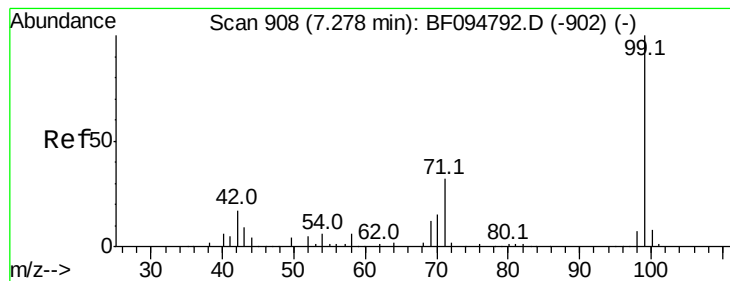
2-Fluorophenol
Concen: 107.85 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094932.D
Acq: 5 May 2017 23:23

Tgt Ion:112 Resp: 553591
Ion Ratio Lower Upper
112 100
64 53.9 46.0 69.0
63 27.6 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: 110.84 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094932.D

Acq: 5 May 2017 23:23

Instrument :

BNA_F

ClientSampled :

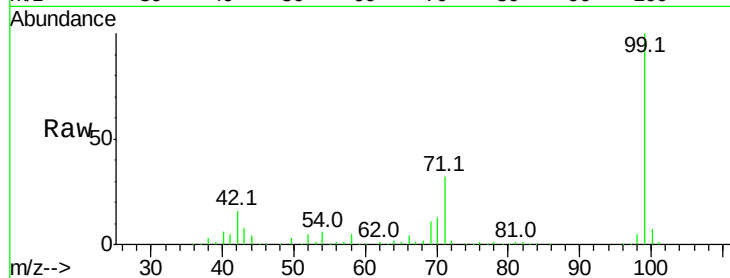
Tot Ion: 99 Resp: 682616

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

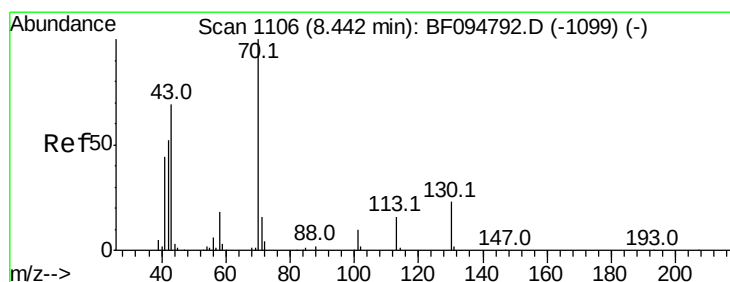
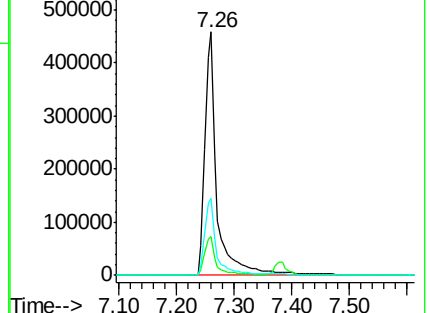
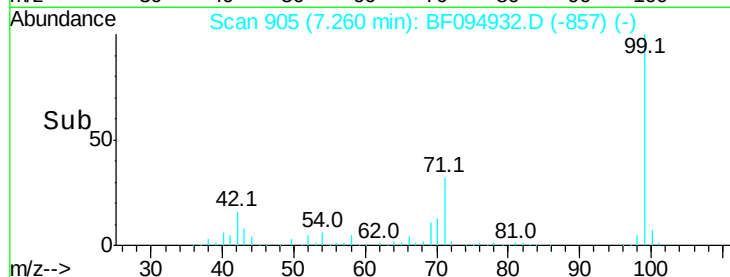
71 31.6 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.78 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094932.D

Acq: 5 May 2017 23:23

Tgt Ion: 70 Resp: 49062

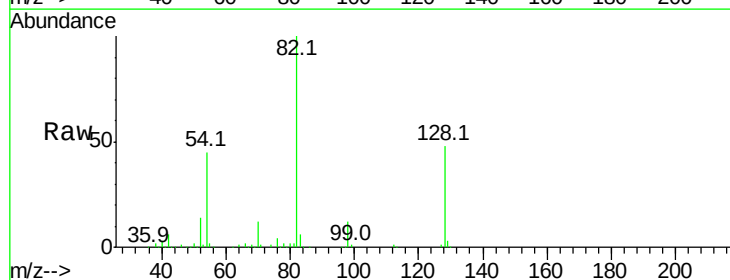
Ion Ratio Lower Upper

70 100

42 45.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

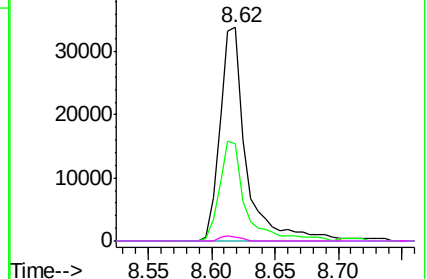
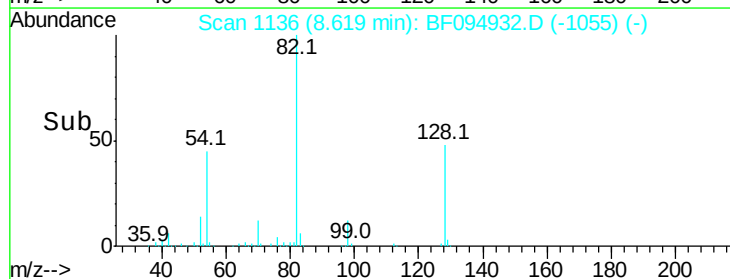


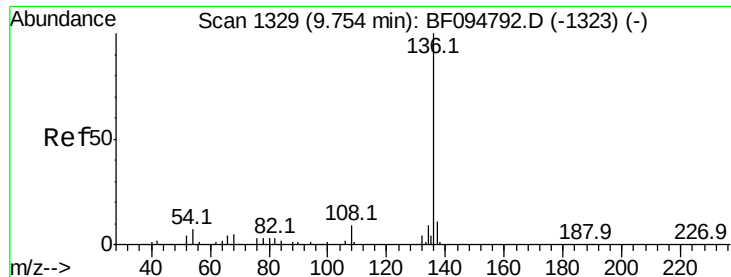
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

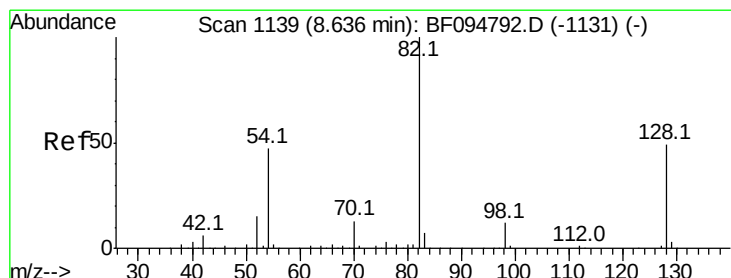
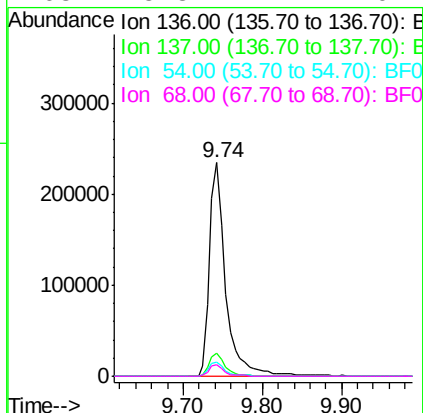
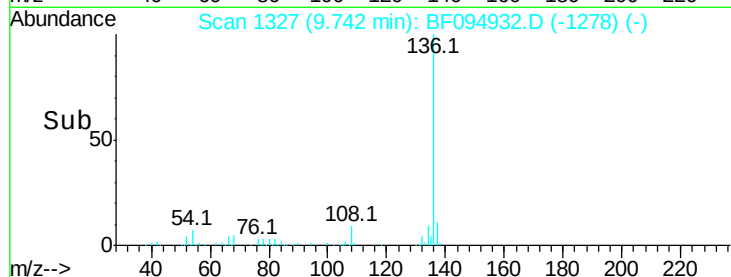
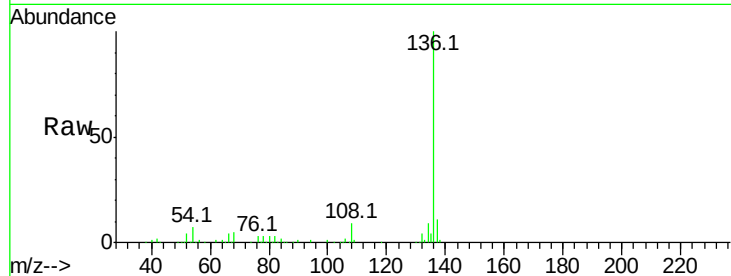




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094932.D
Acq: 5 May 2017 23:23

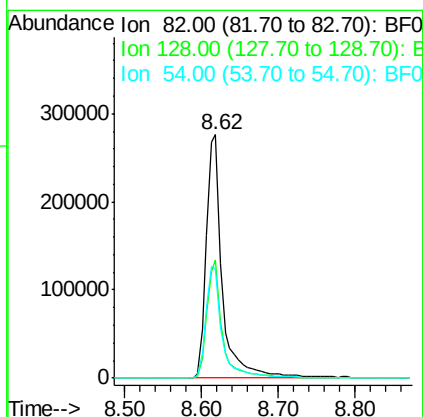
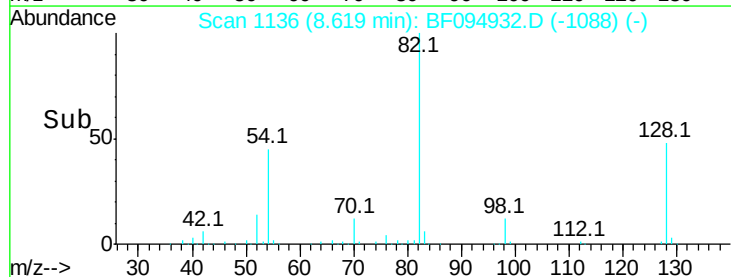
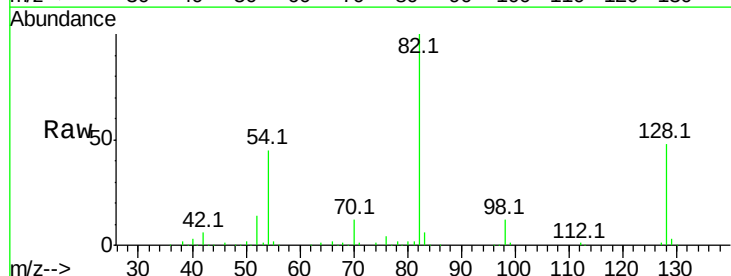
Instrument :
BNA_F
ClientSampleId :

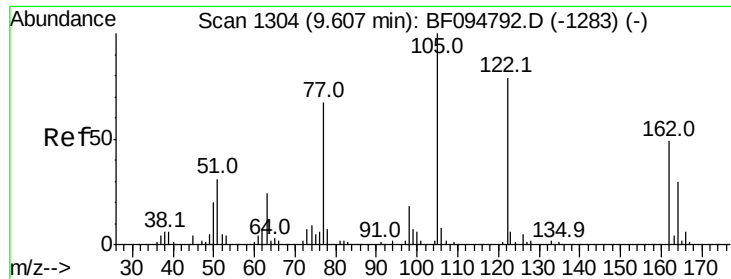
Tot Ion:136	Resp:	335582
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	6.9	4.9 7.3
68	5.3	4.1 6.1



#23
Nitrobenzene-d5
Concen: 74.97 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094932.D
Acq: 5 May 2017 23:23

Tgt Ion: 82	Resp:	398946
Ion Ratio	Lower	Upper
82	100	
128	48.4	34.0 51.0
54	45.1	42.2 63.2





#32

Benzoic acid

Concen: 5.11 ng

RT: 9.70 min Scan# 1319

Delta R.T. 0.09 min

Lab File: BF094932.D

Acq: 5 May 2017 23:23

Instrument :

BNA_F

ClientSampleId :

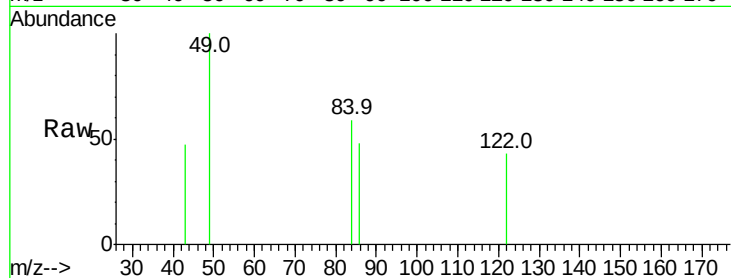
Tot Ion:122 Resp: 115

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

77 0.0 73.7 113.7#

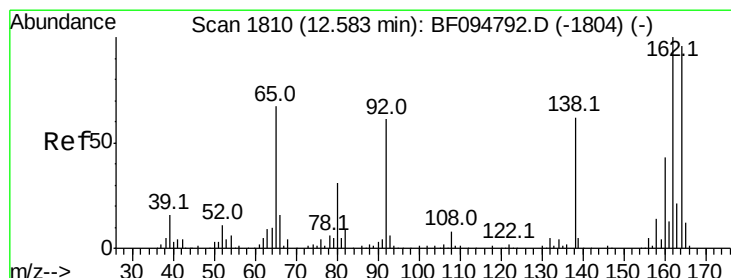
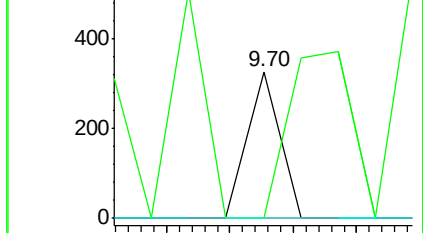
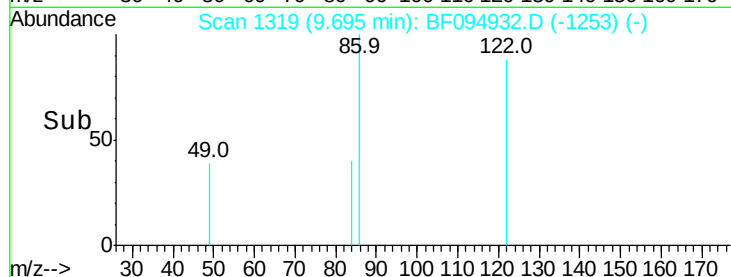


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094932.D

Acq: 5 May 2017 23:23

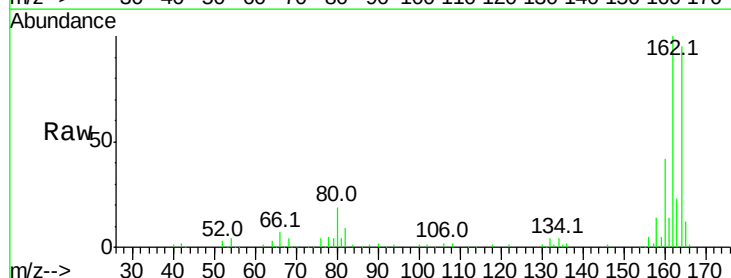
Tgt Ion:164 Resp: 158297

Ion Ratio Lower Upper

164 100

162 105.0 82.6 123.8

160 44.0 36.2 54.2

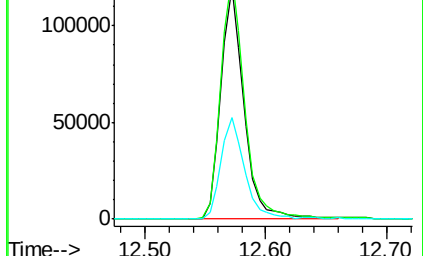
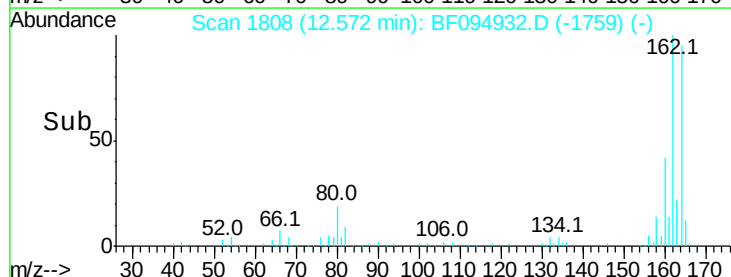


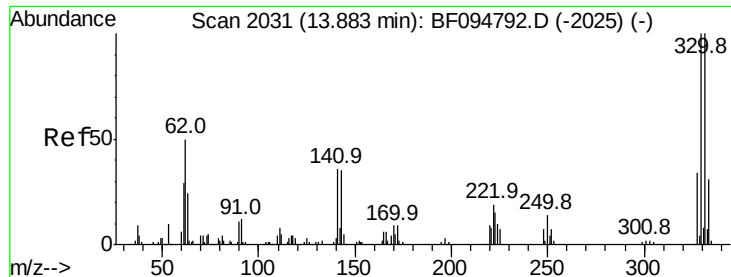
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

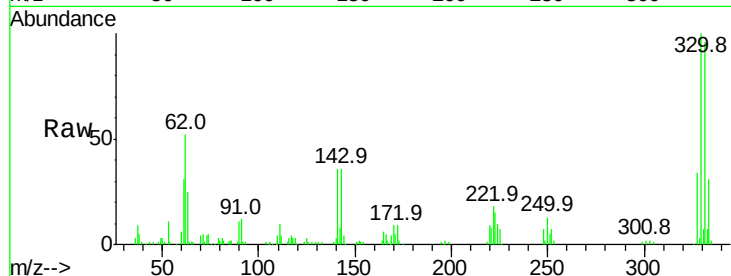




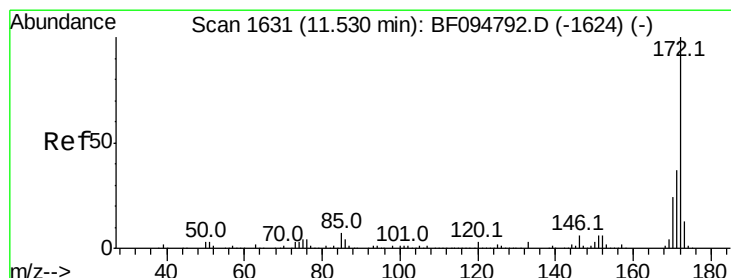
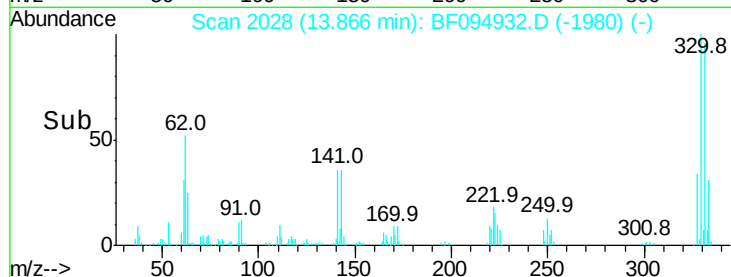
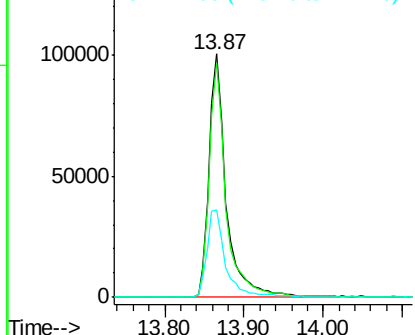
#41
 2,4,6-Tribromophenol
 Concen: 117.81 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094932.D
 Acq: 5 May 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 152733
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 115.0
 141 38.9 31.4 47.2

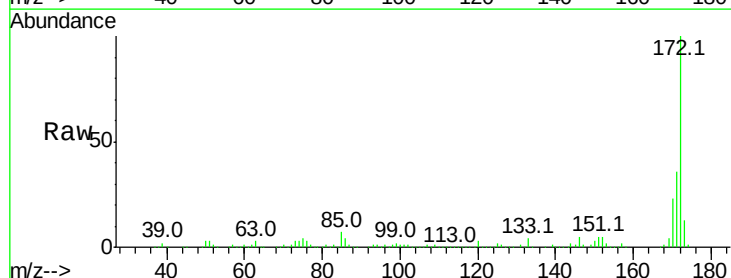


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

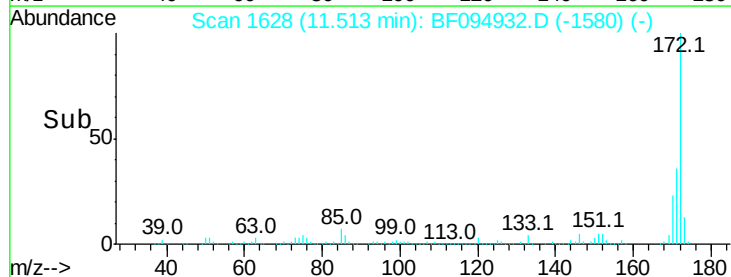
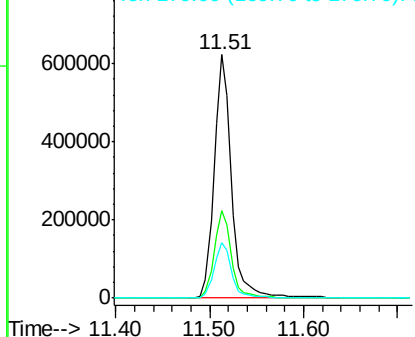


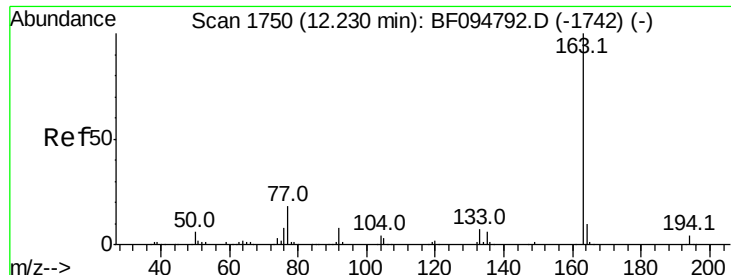
#44
 2-Fluorobiphenyl
 Concen: 73.92 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094932.D
 Acq: 5 May 2017 23:23

Tgt Ion:172 Resp: 812969
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 22.8 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





#49

Dimethylphthalate

Concen: 5.93 ng

RT: 12.21 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BF094932.D

Acq: 5 May 2017 23:23

Instrument :

BNA_F

ClientSampleId :

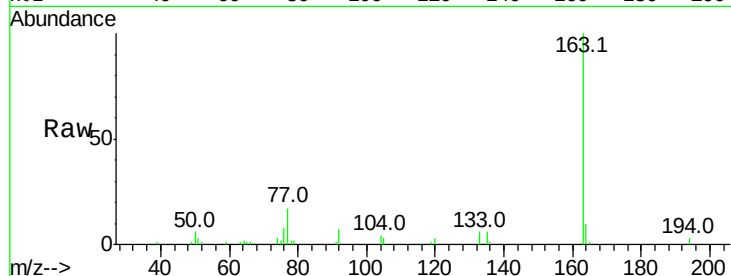
Tot Ion:163 Resp: 77119

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

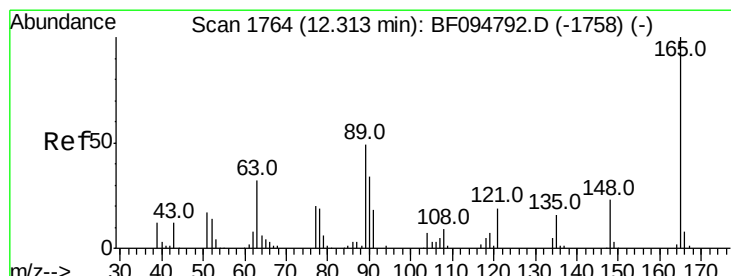
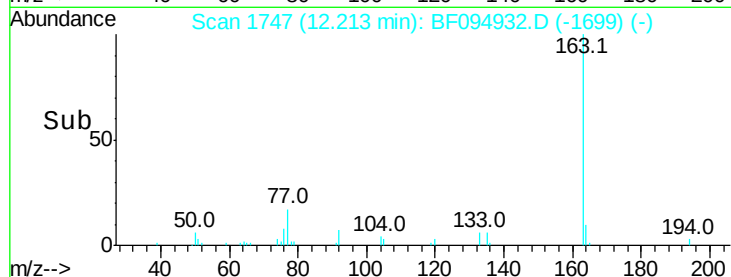
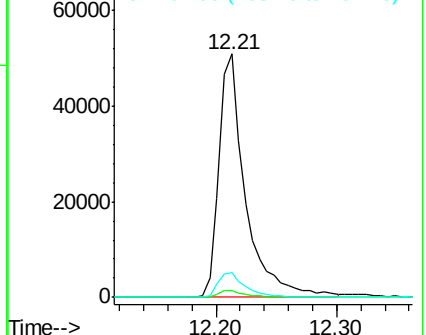
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 5.98 ng

RT: 12.57 min Scan# 1808

Delta R.T. 0.26 min

Lab File: BF094932.D

Acq: 5 May 2017 23:23

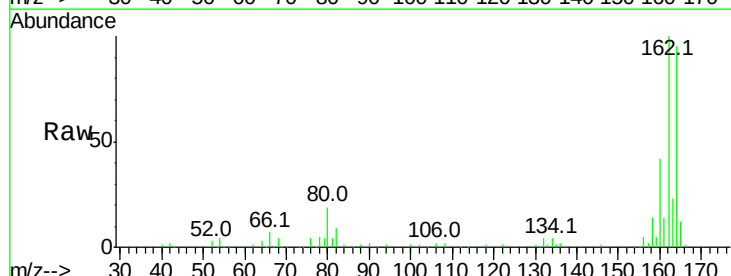
Tgt Ion:165 Resp: 15850

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

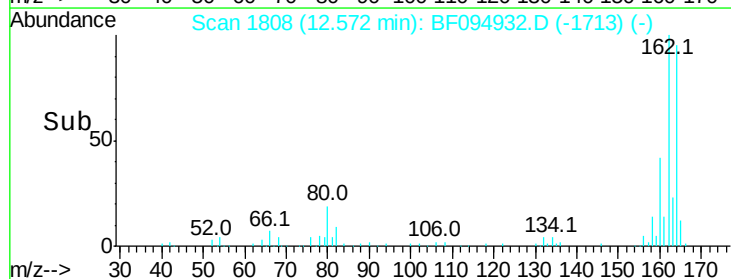
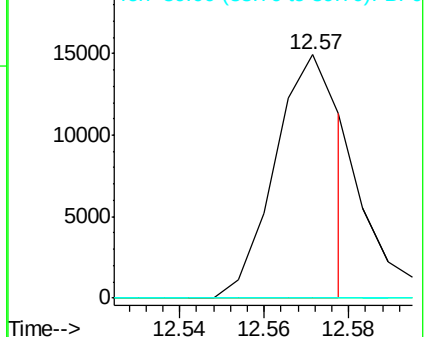
89 0.0 37.1 55.7#

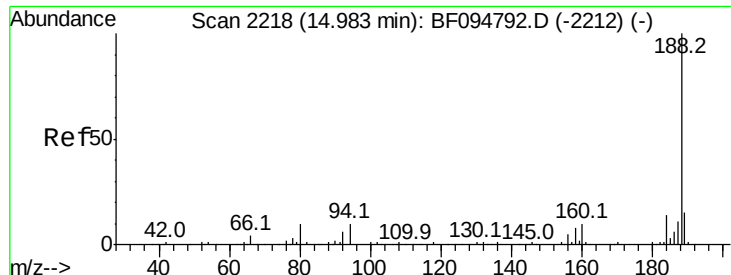


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

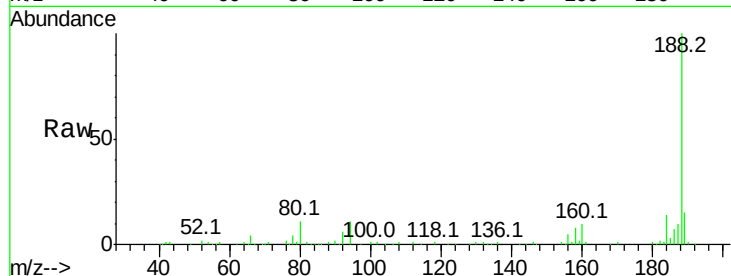




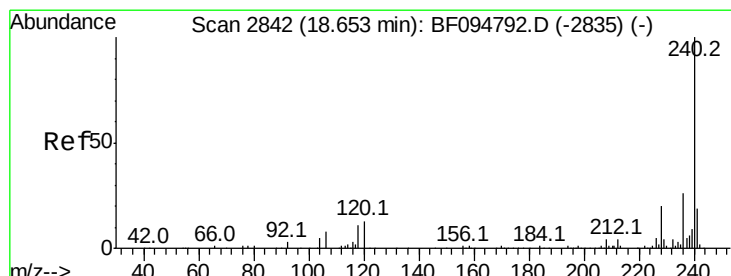
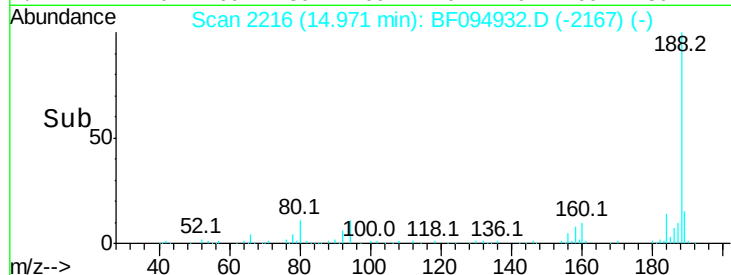
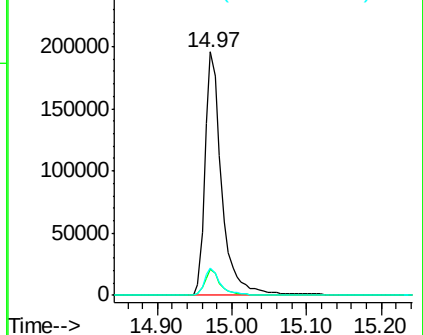
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094932.D
 Acq: 5 May 2017 23:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 308862
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.4 10.2 15.2

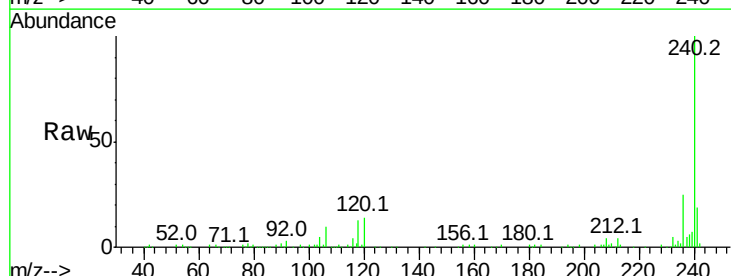


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

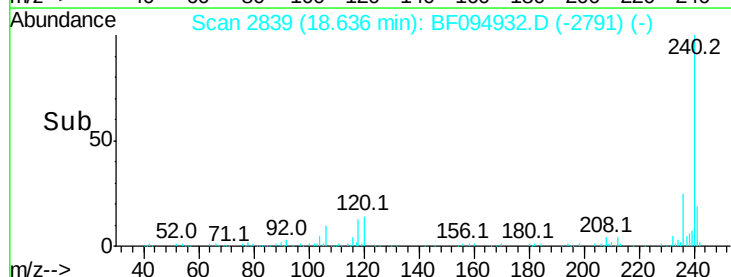
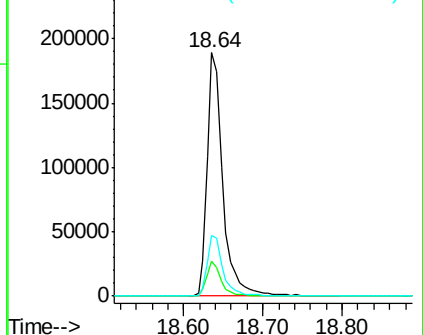


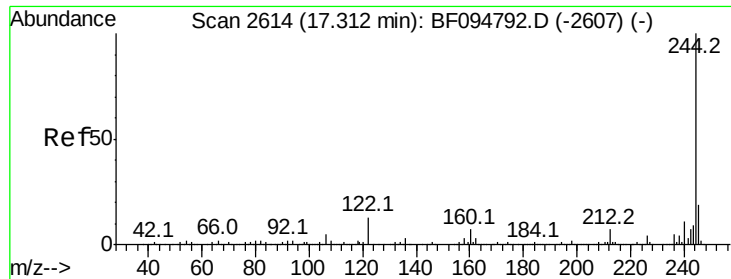
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094932.D
 Acq: 5 May 2017 23:23

Tgt Ion:240 Resp: 261412
 Ion Ratio Lower Upper
 240 100
 120 14.3 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





#78

Terphenyl-d14

Concen: 58.50 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094932.D

Acq: 5 May 2017 23:23

Instrument :

BNA_F

ClientSampleId :

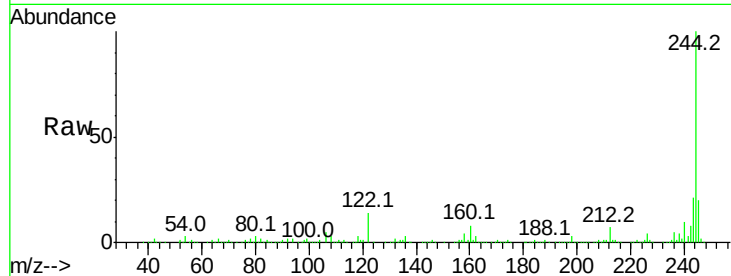
Tot Ion:244 Resp: 694258

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

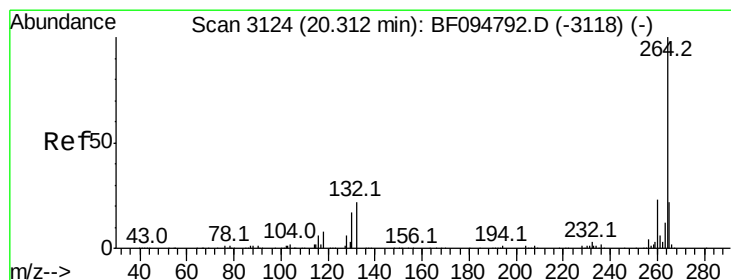
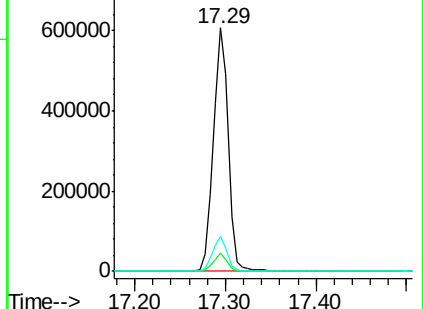
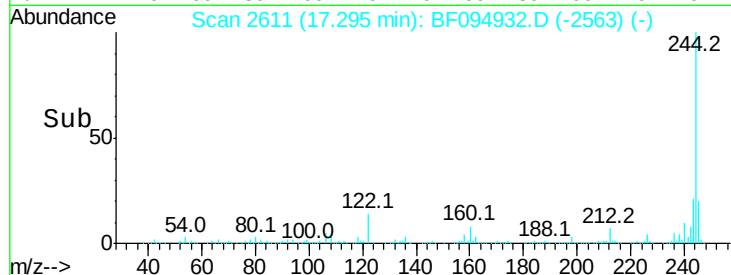
122 14.2 10.3 15.5



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: 20.31 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BF094932.D

Acq: 5 May 2017 23:23

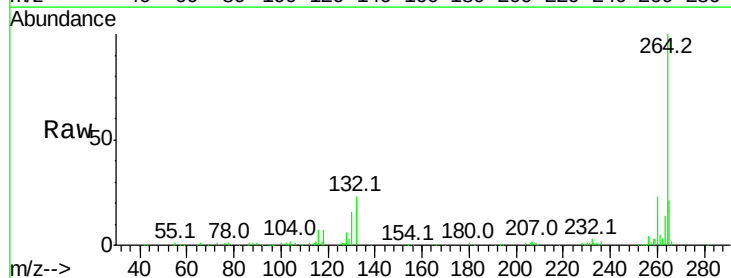
Tgt Ion:264 Resp: 188796

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 21.4 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

