

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094855.D
 Acq On : 4 May 2017 2:26
 Operator : SJ/MA
 Sample : I2914-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 04:21:07 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	99055	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	406073	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	167227	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	300104	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	197976	20.00	ng	-0.02
86) Perylene-d12	20.30	264	175798	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	833654	140.31	ng	0.00
7) Phenol-d6	7.27	99	1038785	145.72	ng	0.00
23) Nitrobenzene-d5	8.62	82	605558	94.04	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	176851	129.13	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	829716	71.41	ng	-0.01
78) Terphenyl-d14	17.29	244	469011	52.18	ng	-0.02
Target Compounds						
10) Phenol	7.29	94	27580	3.67	ng	96
19) n-Nitroso-di-n-propylamine	8.62	70	77413	16.06	ng	# 77
49) Dimethylphthalate	12.21	163	284196	20.70	ng	99

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

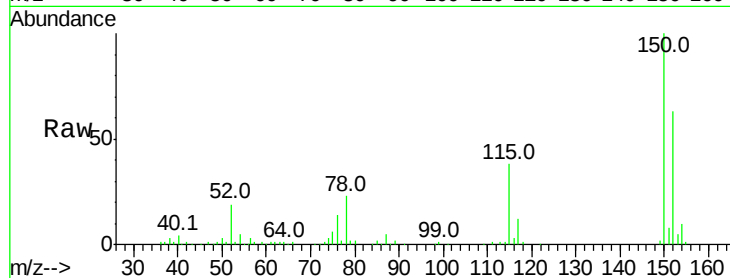


#1

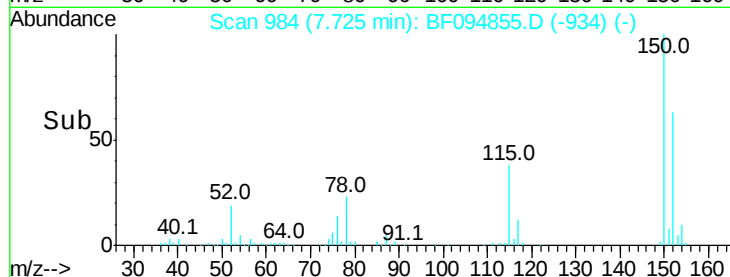
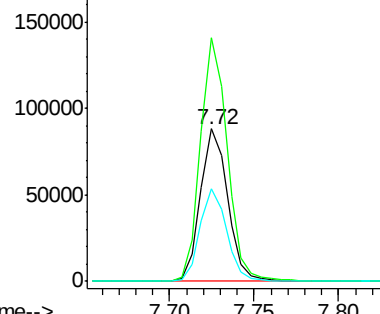
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094855.D
Acq: 4 May 2017 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99055
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.2
115 61.1 52.2 78.2



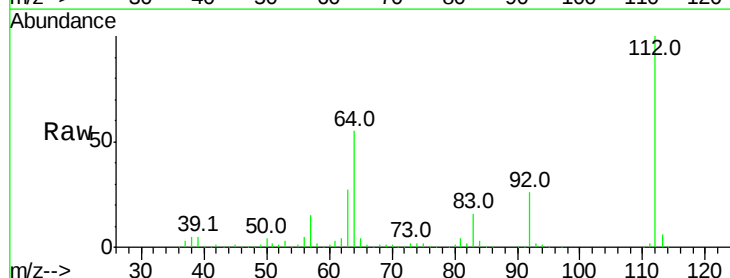
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



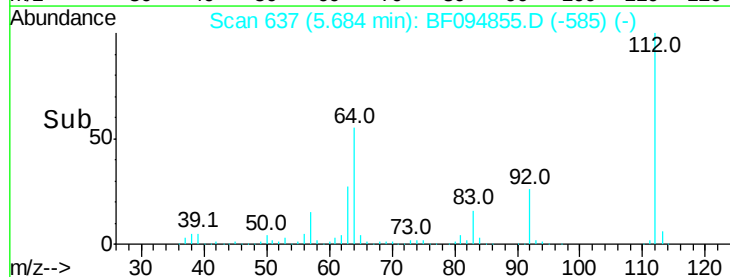
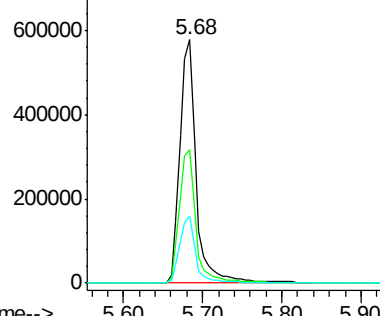
#5

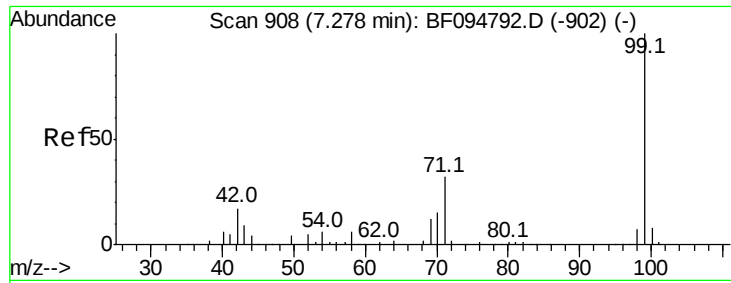
2-Fluorophenol
Concen: 140.31 ng
RT: 5.68 min Scan# 637
Delta R.T. 0.01 min
Lab File: BF094855.D
Acq: 4 May 2017 2:26

Tgt Ion:112 Resp: 833654
Ion Ratio Lower Upper
112 100
64 54.7 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: 145.72 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094855.D

Acq: 4 May 2017 2:26

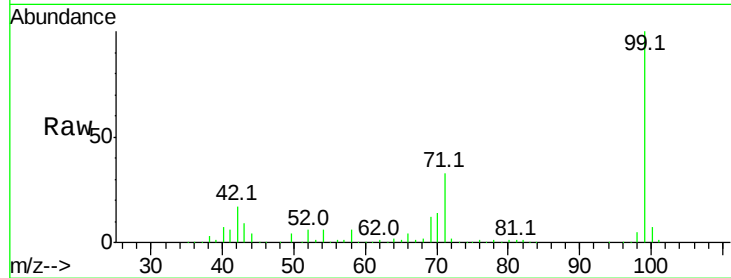
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1038785

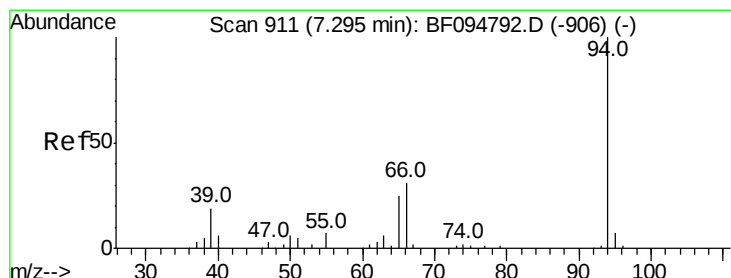
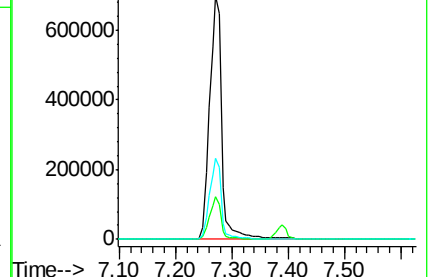
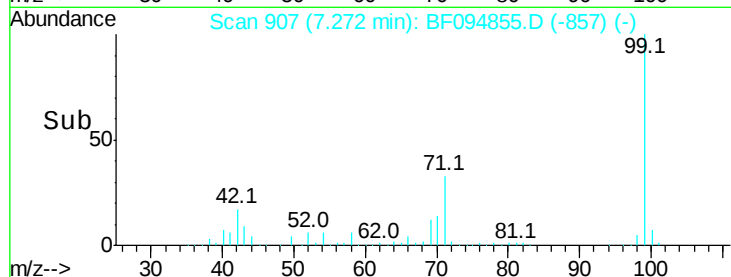
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	33.2	24.5	36.7



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



#10

Phenol

Concen: 3.67 ng

RT: 7.29 min Scan# 910

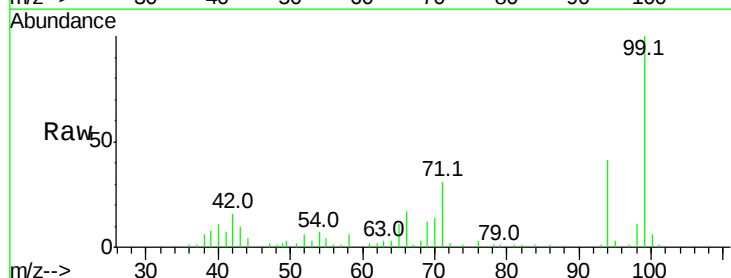
Delta R.T. -0.01 min

Lab File: BF094855.D

Acq: 4 May 2017 2:26

Tgt Ion: 94 Resp: 27580

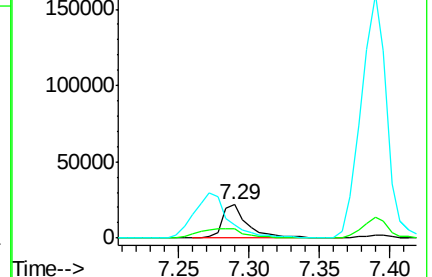
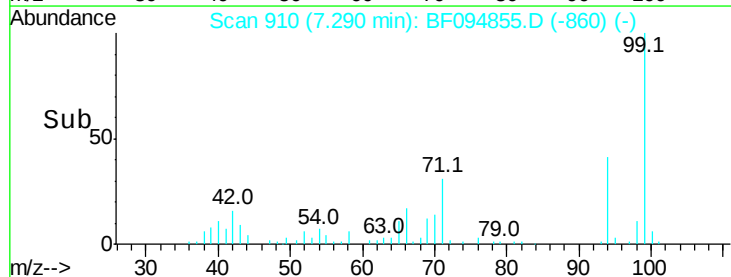
Ion	Ratio	Lower	Upper
94	100		
65	27.5	9.9	49.9
66	40.7	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 16.06 ng

RT: 8.62 min Scan# 1137

Delta R.T. 0.18 min

Lab File: BF094855.D

Acq: 4 May 2017 2:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 77413

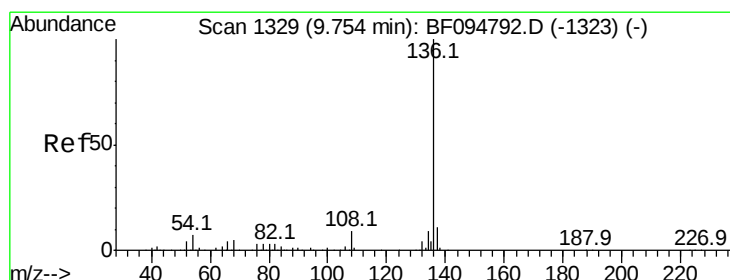
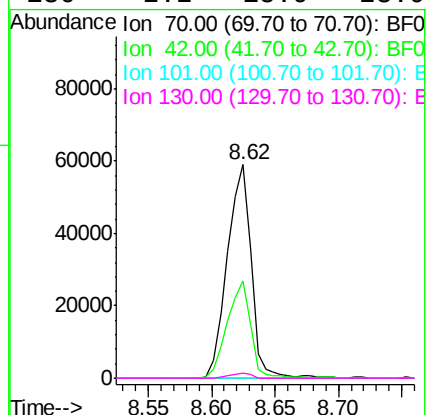
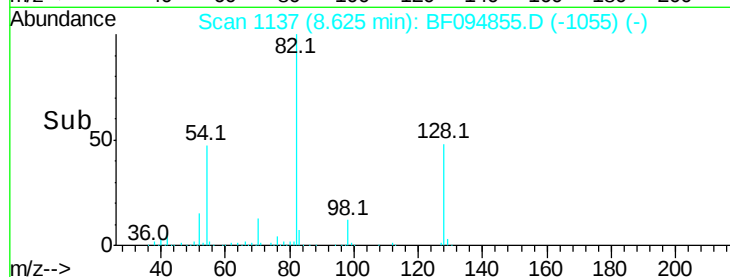
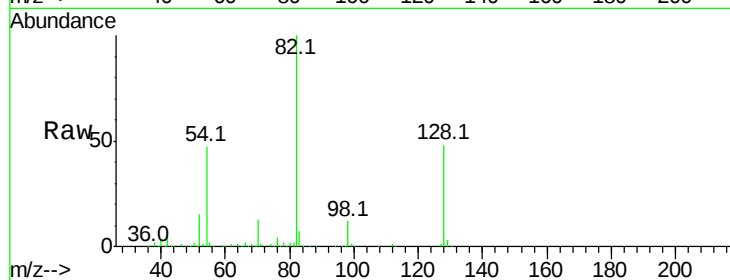
Ion Ratio Lower Upper

70 100

42 45.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094855.D

Acq: 4 May 2017 2:26

Tgt Ion:136 Resp: 406073

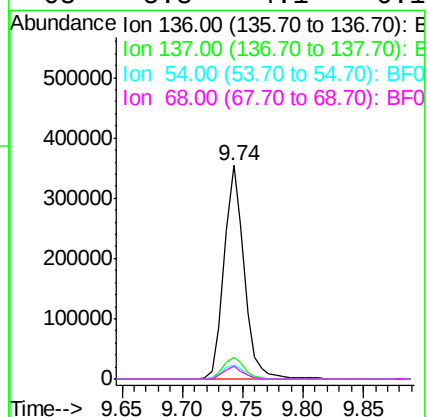
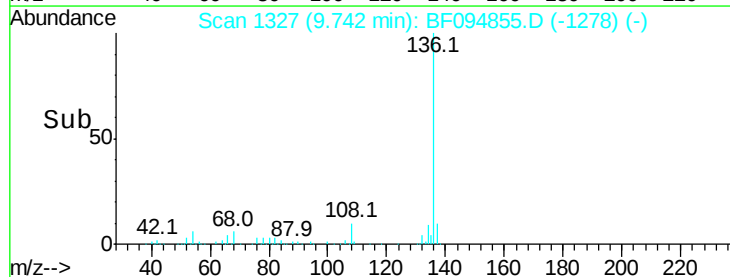
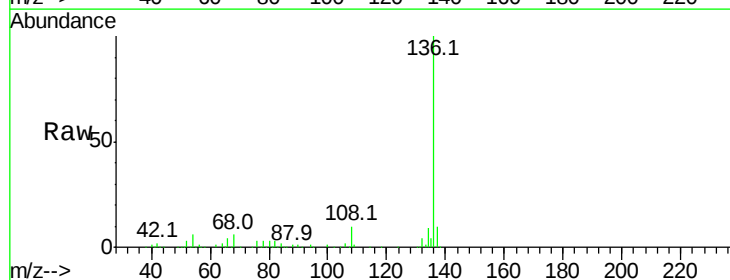
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.5 4.9 7.3

68 5.8 4.1 6.1

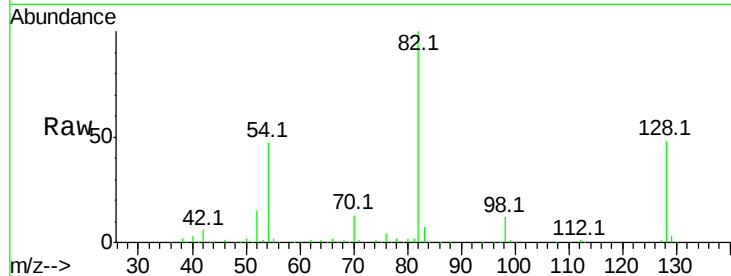




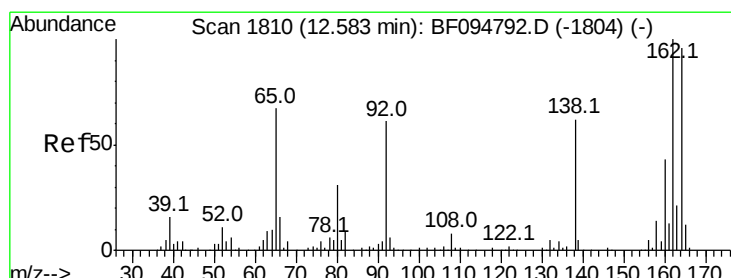
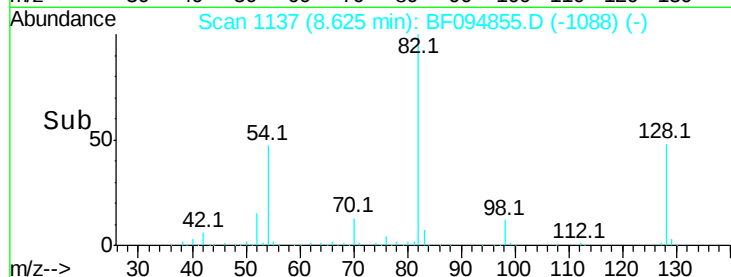
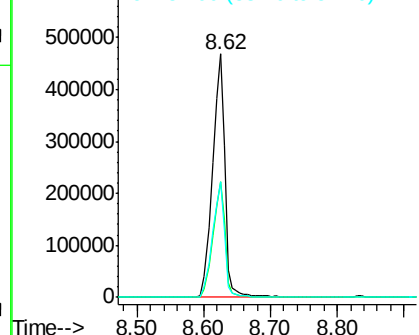
#23
Nitrobenzene-d5
Concen: 94.04 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094855.D
Acq: 4 May 2017 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 605558
Ion Ratio Lower Upper
82 100
128 47.7 34.0 51.0
54 47.4 42.2 63.2

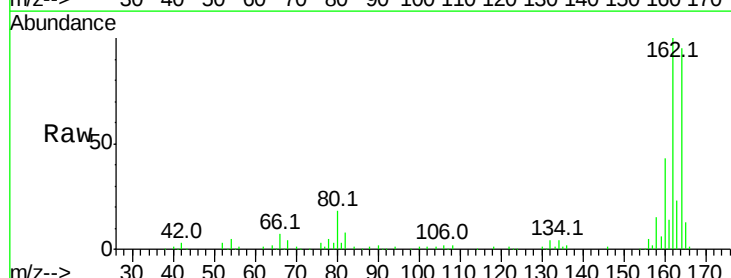


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

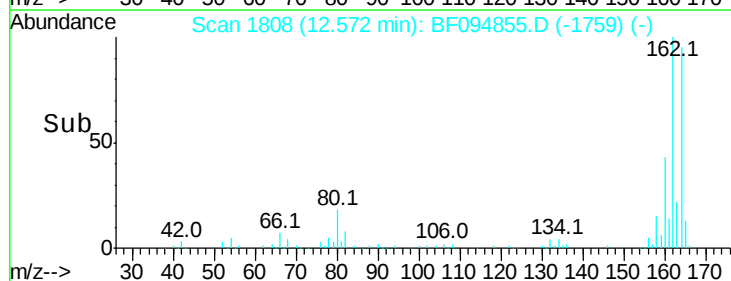
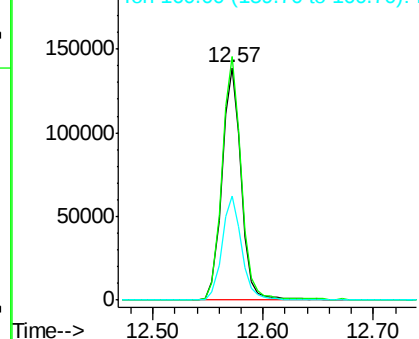


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094855.D
Acq: 4 May 2017 2:26

Tgt Ion: 164 Resp: 167227
Ion Ratio Lower Upper
164 100
162 104.8 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

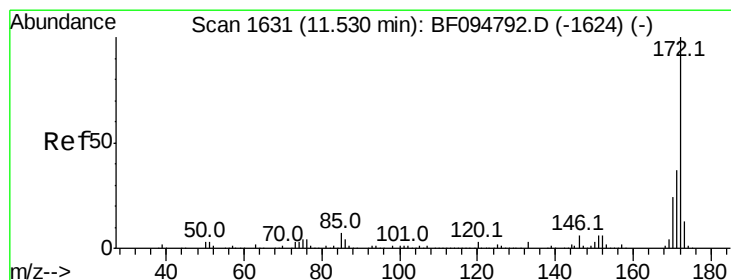
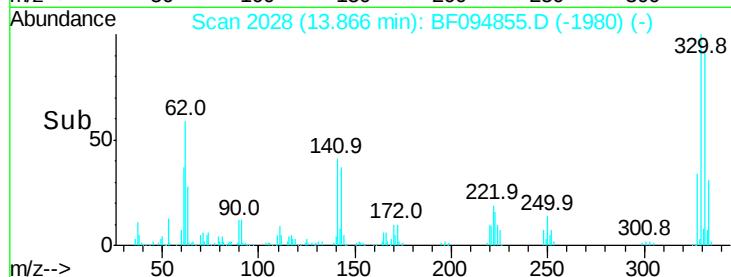
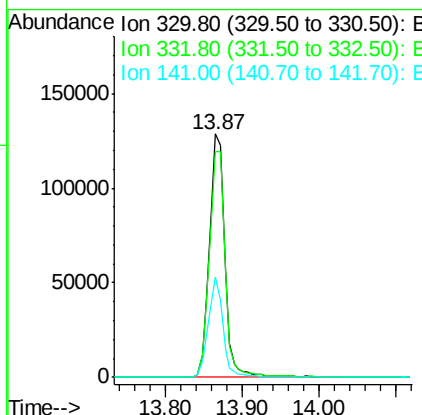
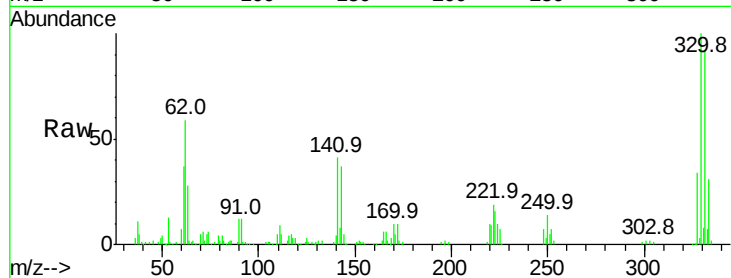




#41
 2,4,6-Tribromophenol
 Concen: 129.13 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094855.D
 Acq: 4 May 2017 2:26

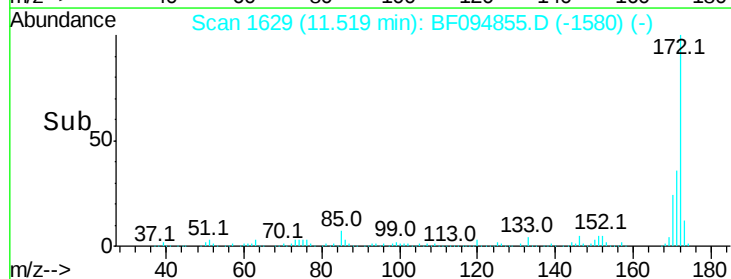
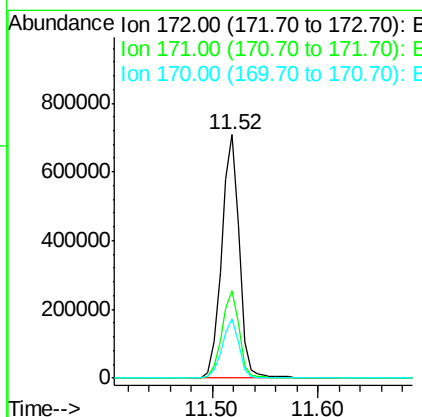
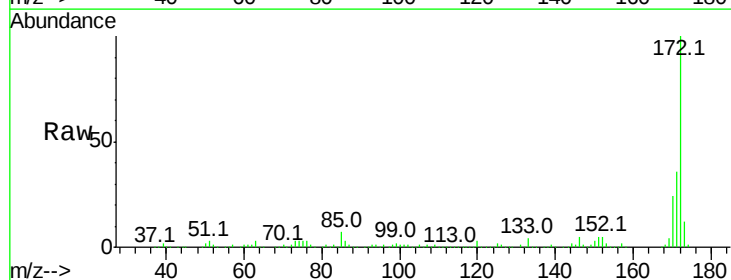
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 176851
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 115.0
 141 39.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 71.41 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094855.D
 Acq: 4 May 2017 2:26

Tgt Ion:172 Resp: 829716
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.2 19.8 29.8





#49

Dimethylphthalate

Concen: 20.70 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094855.D

Acq: 4 May 2017 2:26

Instrument :

BNA_F

ClientSampleId :

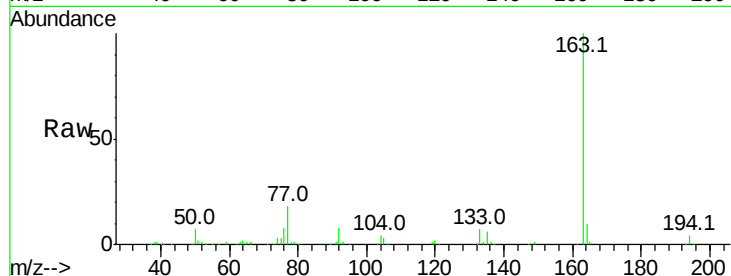
Tot Ion:163 Resp: 284196

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

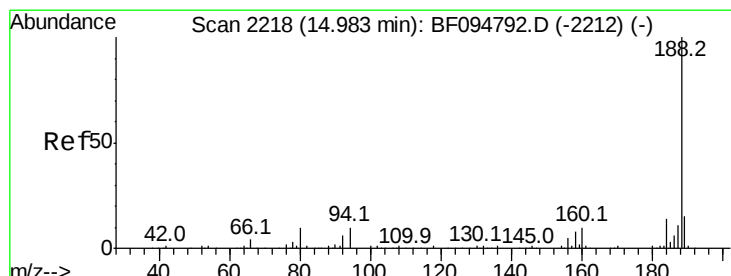
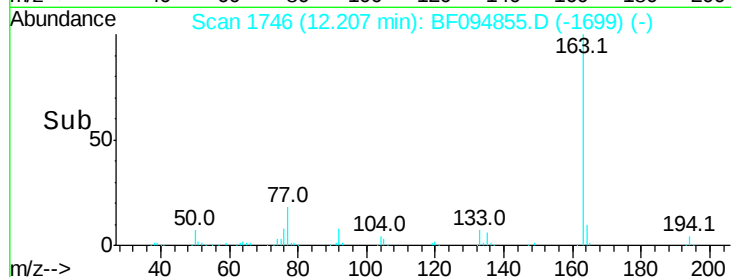
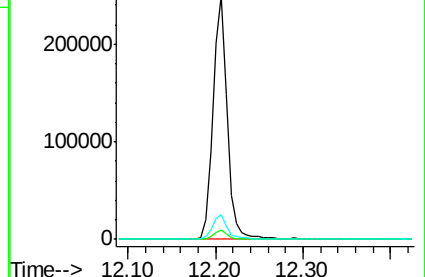
164 10.3 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.97 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF094855.D

Acq: 4 May 2017 2:26

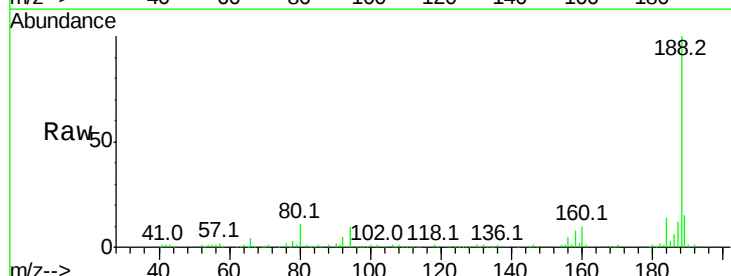
Tgt Ion:188 Resp: 300104

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

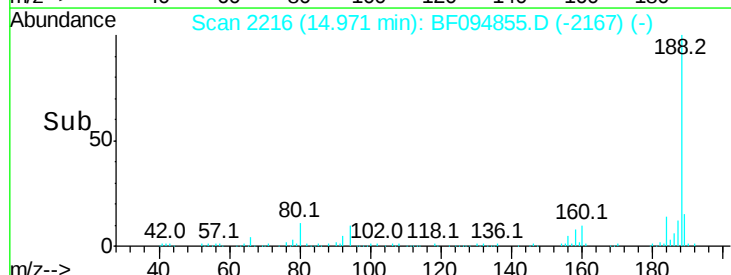
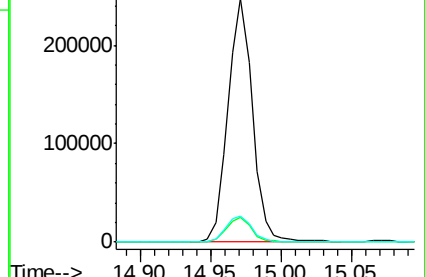
80 10.8 10.2 15.2

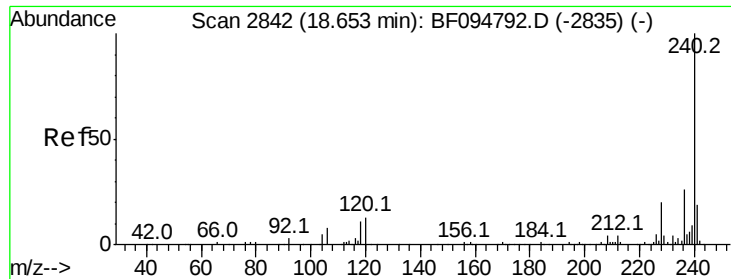


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF094855.D

Acq: 4 May 2017 2:26

Instrument :

BNA_F

ClientSampleId :

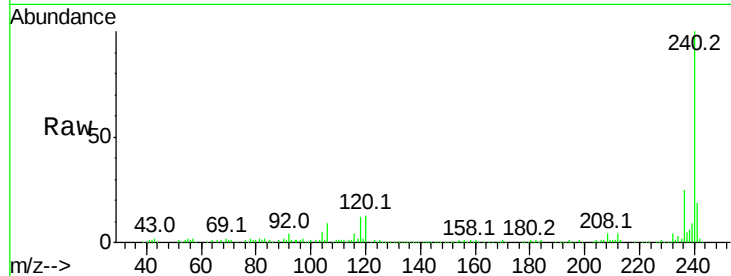
Tot Ion:240 Resp: 197976

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

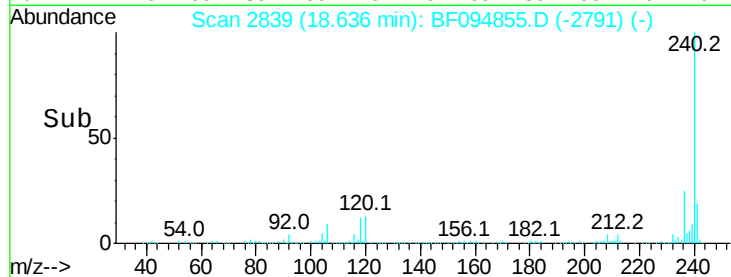
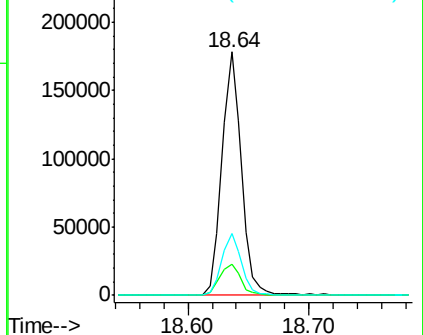
236 25.3 20.5 30.7



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: 52.18 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094855.D

Acq: 4 May 2017 2:26

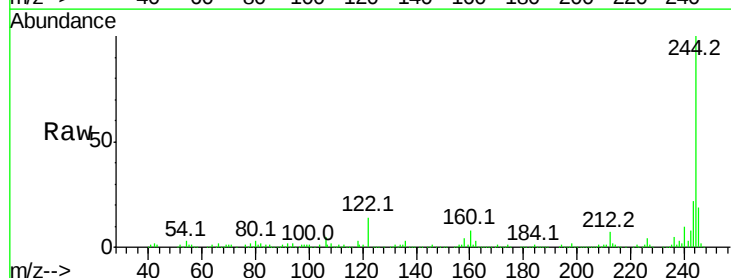
Tgt Ion:244 Resp: 469011

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

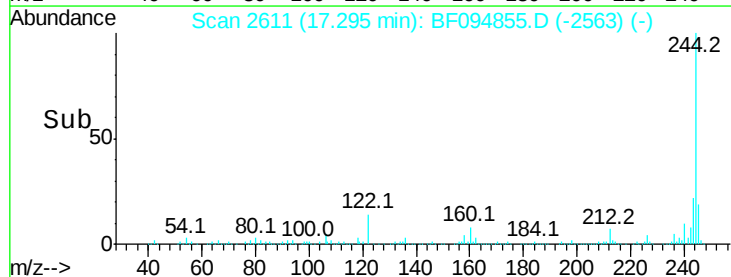
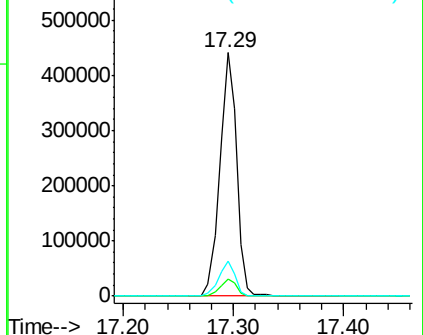
122 14.4 10.3 15.5

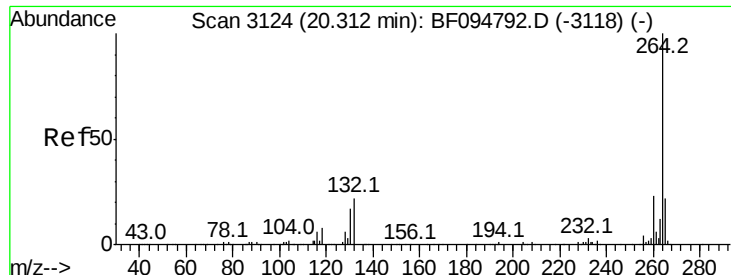


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

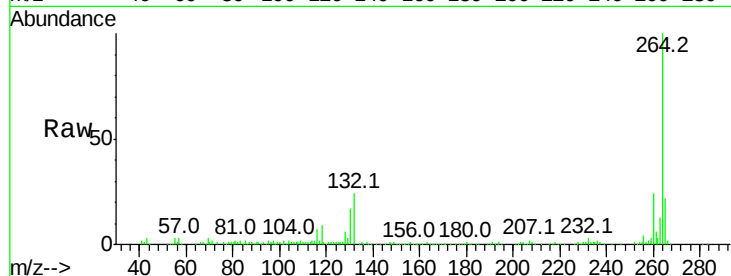




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094855.D
 Acq: 4 May 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.0	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

