

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094925.D
 Acq On : 5 May 2017 19:37
 Operator : SJ/MA
 Sample : PB98685BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 23:48:05 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

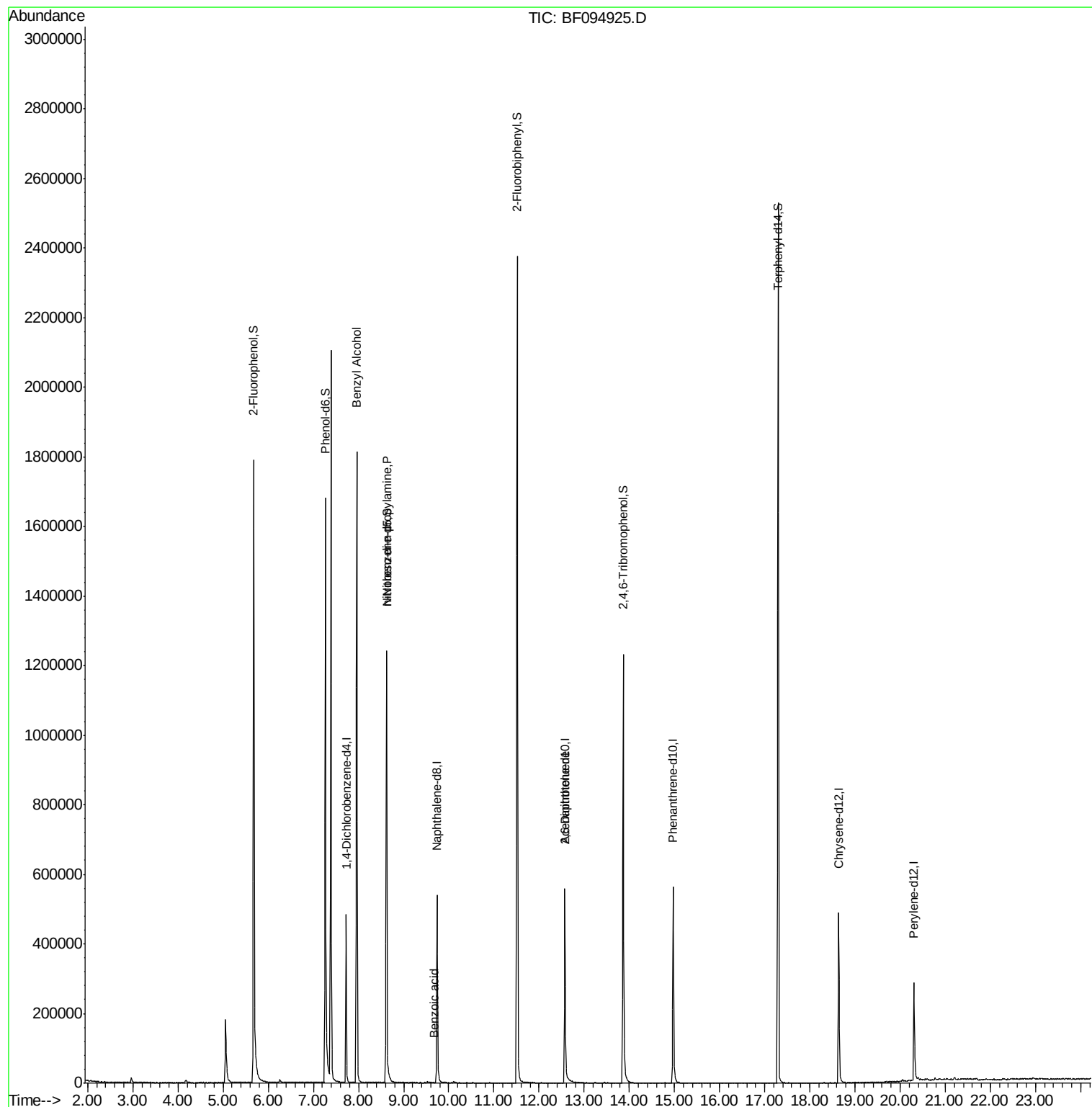
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	99531	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	388912	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	184613	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	354344	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	265069	20.00	ng	-0.01
86) Perylene-d12	20.31	264	139109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	840813	140.84	ng	0.00
7) Phenol-d6	7.27	99	961942	134.29	ng	-0.01
23) Nitrobenzene-d5	8.62	82	594540	96.40	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	221220	146.32	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1128088	87.95	ng	-0.01
78) Terphenyl-d14	17.30	244	1036469	86.12	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.96	79	9429	2.05	ng	# 39
19) n-Nitroso-di-n-propylamine	8.62	70	76189	15.73	ng	# 74
32) Benzoic acid	9.67	122	441	5.19	ng	# 62
50) 2,6-Dinitrotoluene	12.57	165	17756	5.74	ng	# 35

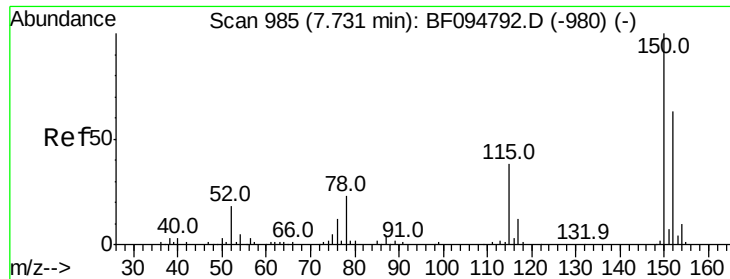
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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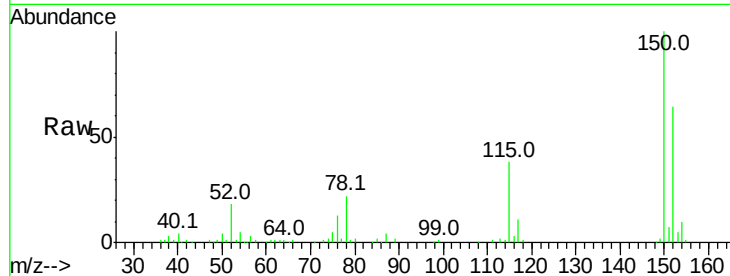


#1

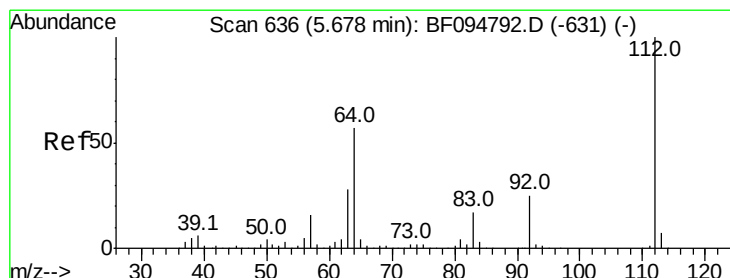
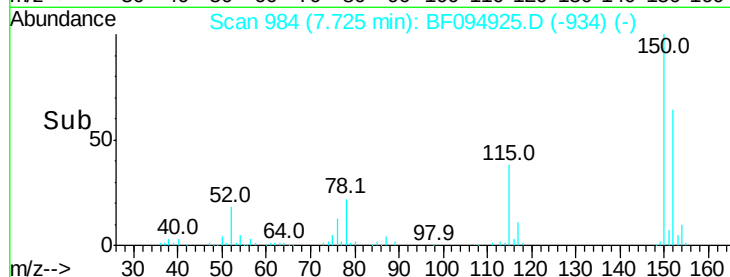
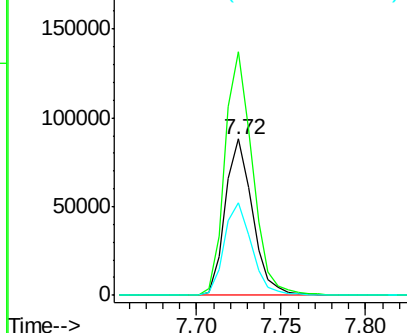
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094925.D
Acq: 5 May 2017 19:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99531
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 59.2 52.2 78.2



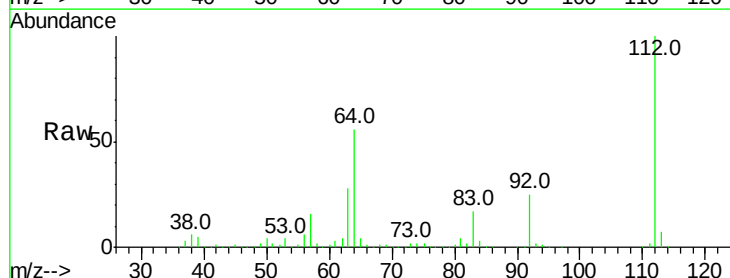
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



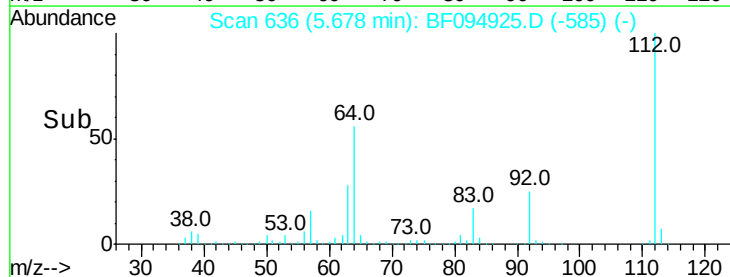
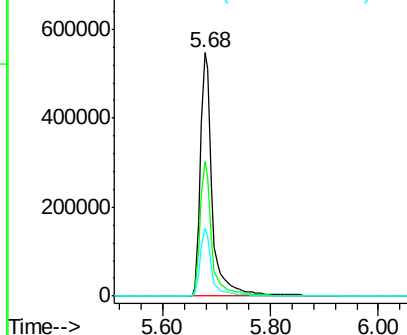
#5

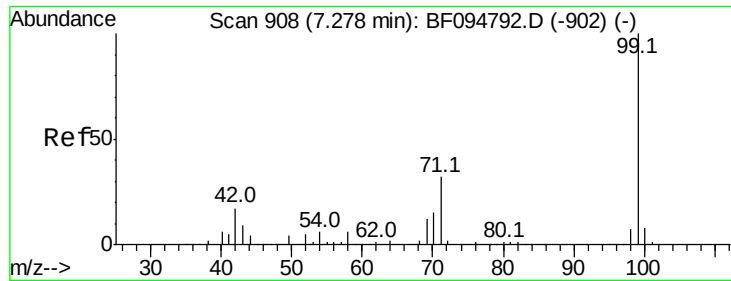
2-Fluorophenol
Concen: 140.84 ng
RT: 5.68 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF094925.D
Acq: 5 May 2017 19:37

Tgt Ion:112 Resp: 840813
Ion Ratio Lower Upper
112 100
64 55.5 46.0 69.0
63 28.0 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: 134.29 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094925.D

Acq: 5 May 2017 19:37

Instrument :

BNA_F

ClientSampleId :

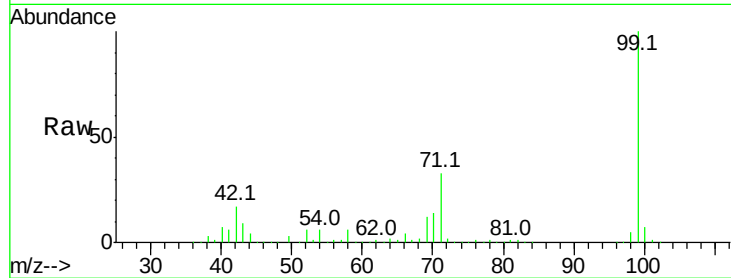
Tot Ion: 99 Resp: 961942

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

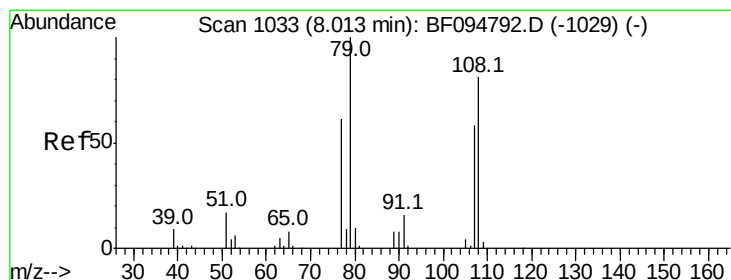
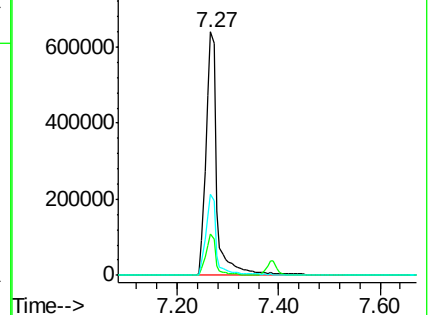
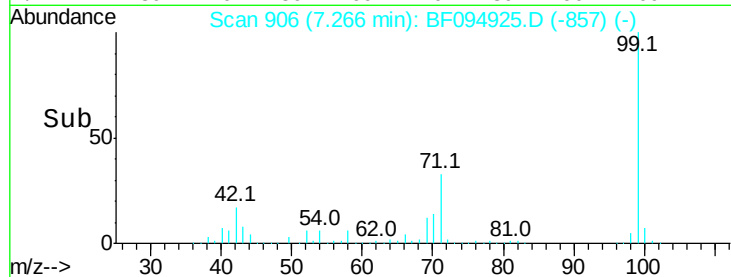
71 33.1 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 7.96 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF094925.D

Acq: 5 May 2017 19:37

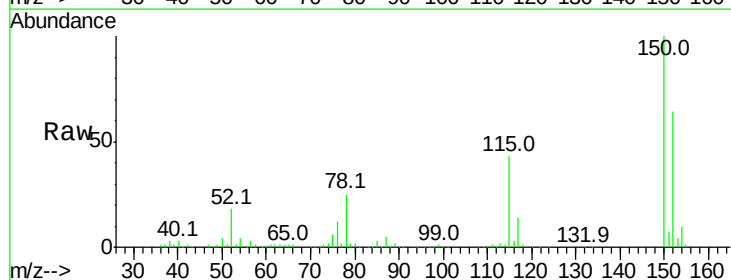
Tgt Ion: 79 Resp: 9429

Ion Ratio Lower Upper

79 100

108 23.0 63.4 95.0#

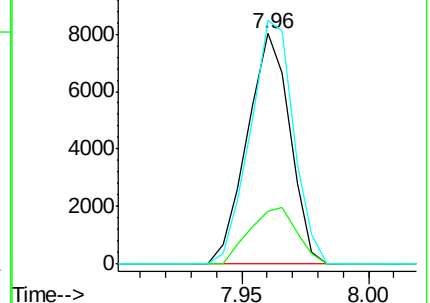
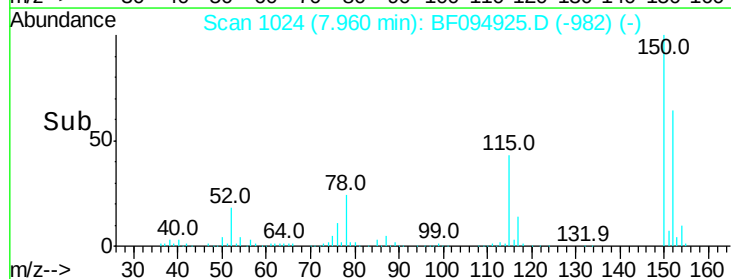
77 105.7 49.2 73.8#

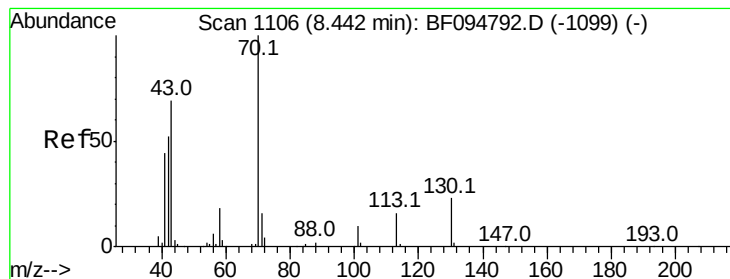


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 15.73 ng

RT: 8.62 min Scan# 1137

Delta R.T. 0.18 min

Lab File: BF094925.D

Acq: 5 May 2017 19:37

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 76189

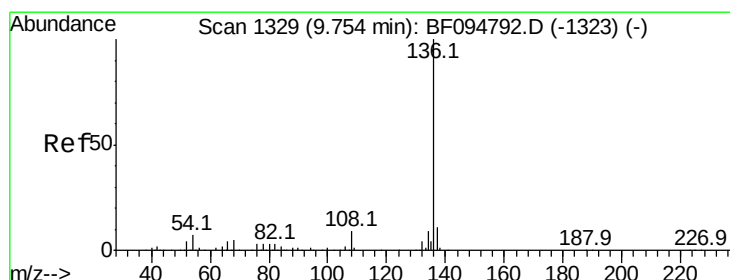
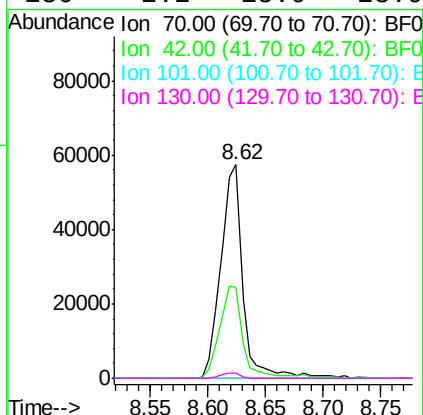
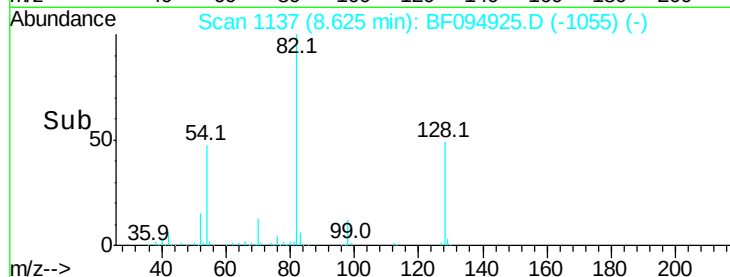
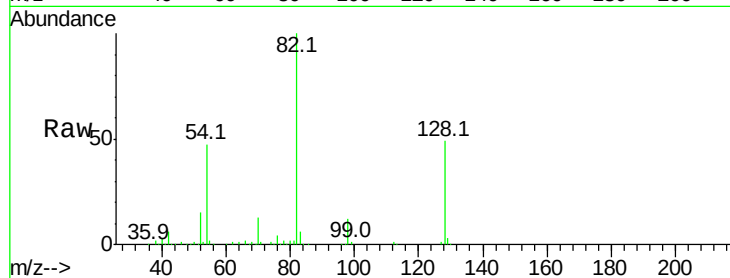
Ion Ratio Lower Upper

70 100

42 42.3 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: BF094925.D

Acq: 5 May 2017 19:37

Tgt Ion: 136 Resp: 388912

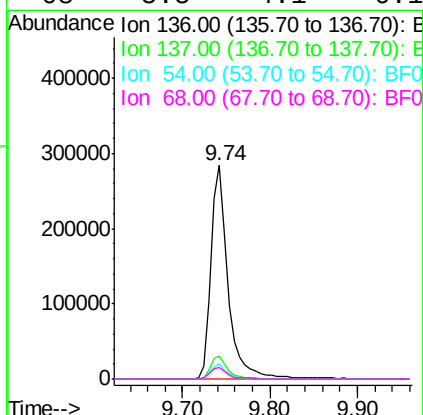
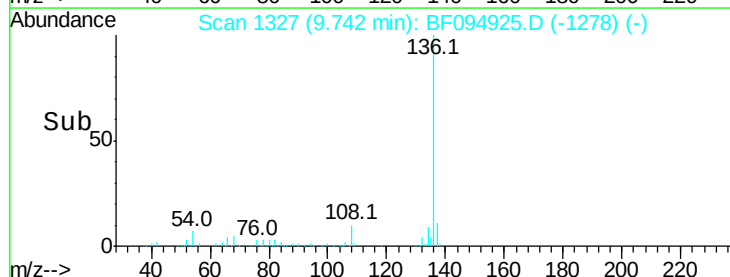
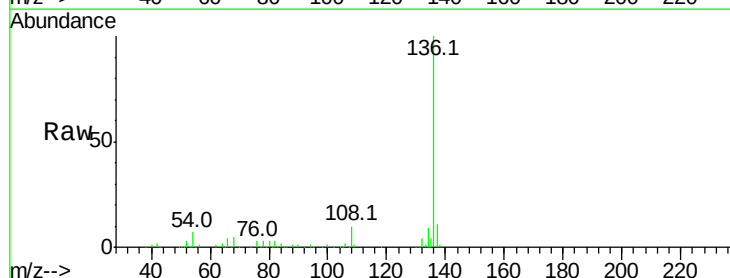
Ion Ratio Lower Upper

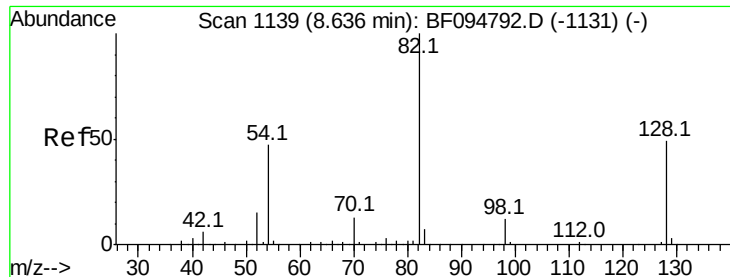
136 100

137 10.6 8.5 12.7

54 7.0 4.9 7.3

68 5.5 4.1 6.1

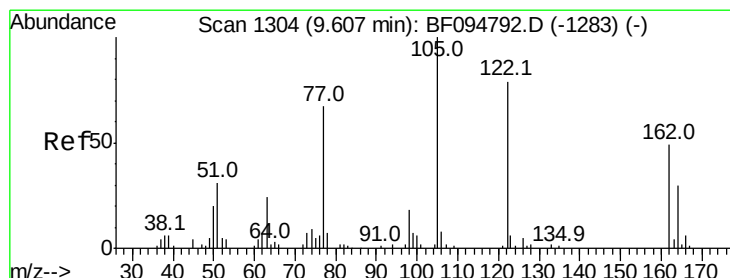
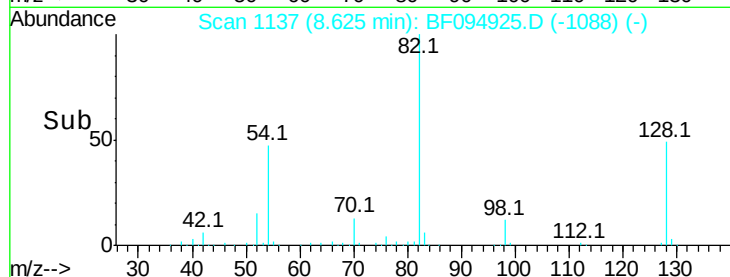
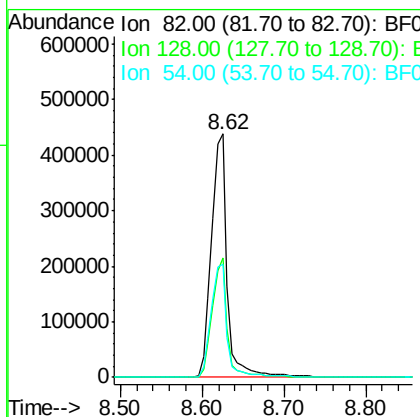
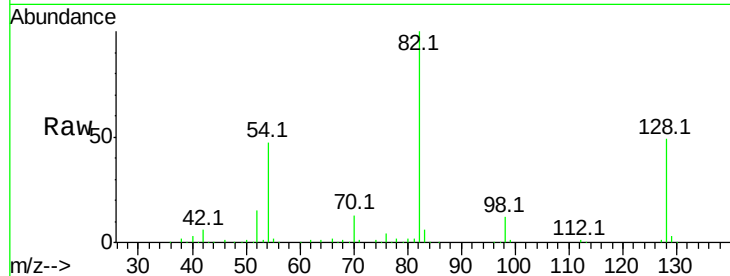




#23
 Nitrobenzene-d5
 Concen: 96.40 ng
 RT: 8.62 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094925.D
 Acq: 5 May 2017 19:37

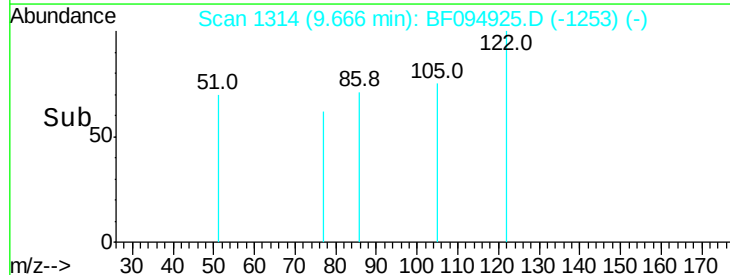
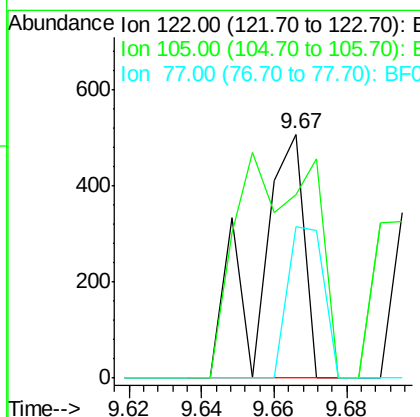
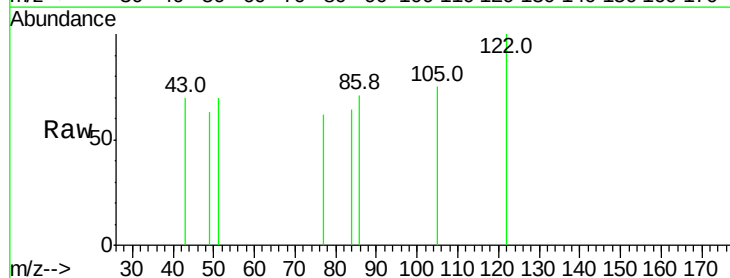
Instrument :
 BNA_F
 ClientSampleId :

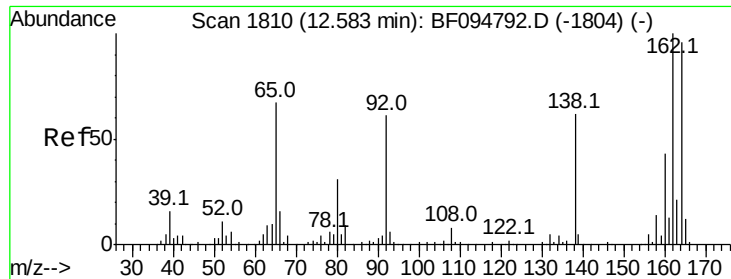
Tot Ion: 82 Resp: 594540
 Ion Ratio Lower Upper
 82 100
 128 49.1 34.0 51.0
 54 46.5 42.2 63.2



#32
 Benzoic acid
 Concen: 5.19 ng
 RT: 9.67 min Scan# 1314
 Delta R.T. 0.06 min
 Lab File: BF094925.D
 Acq: 5 May 2017 19:37

Tgt Ion:122 Resp: 441
 Ion Ratio Lower Upper
 122 100
 105 75.5 103.3 143.3#
 77 62.3 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094925.D

Acq: 5 May 2017 19:37

Instrument :

BNA_F

ClientSampleId :

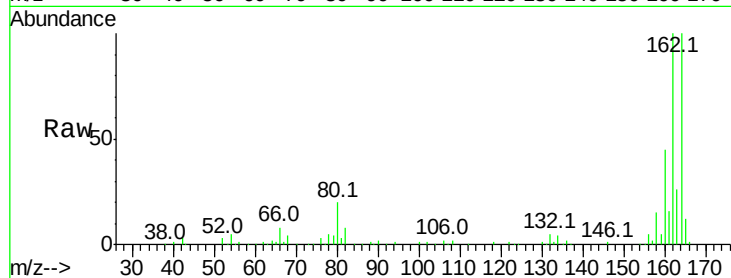
Tot Ion:164 Resp: 184613

Ion Ratio Lower Upper

164 100

162 100.3 82.6 123.8

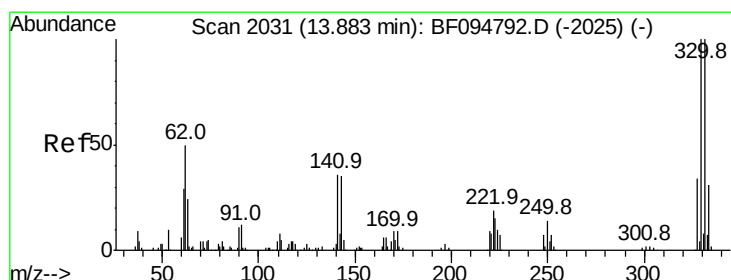
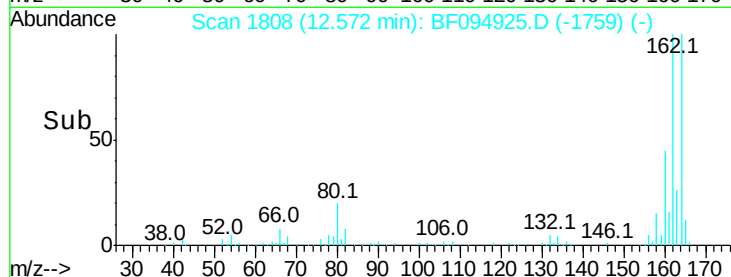
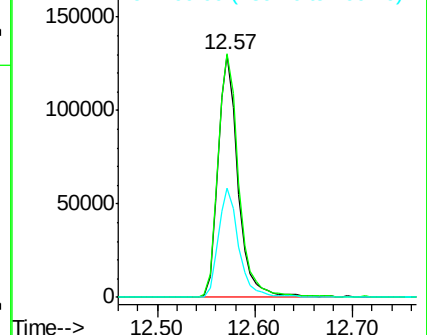
160 44.7 36.2 54.2



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: 146.32 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094925.D

Acq: 5 May 2017 19:37

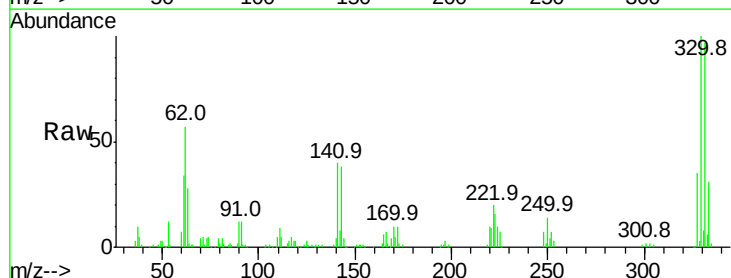
Tgt Ion:330 Resp: 221220

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

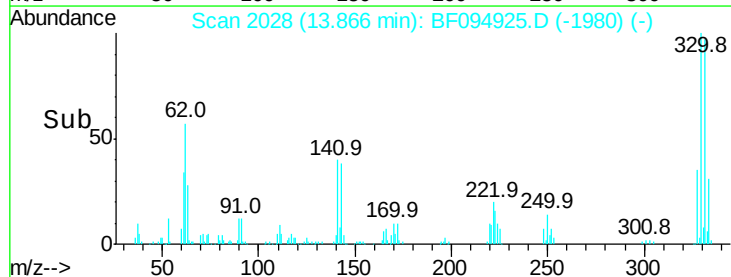
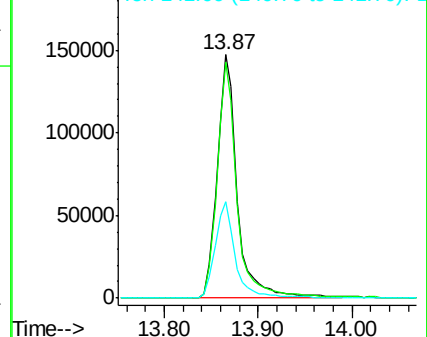
141 40.3 31.4 47.2

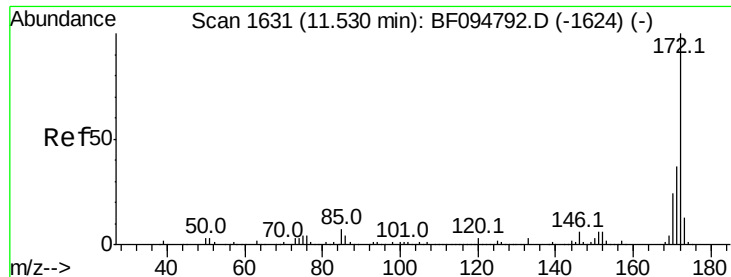


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 87.95 ng

RT: 11.52 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BF094925.D

Acq: 5 May 2017 19:37

Instrument :

BNA_F

ClientSampled :

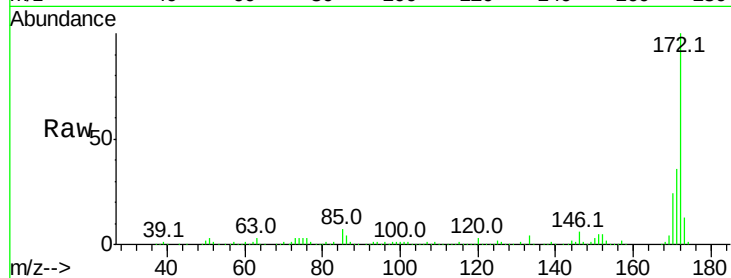
Tot Ion:172 Resp: 1128088

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

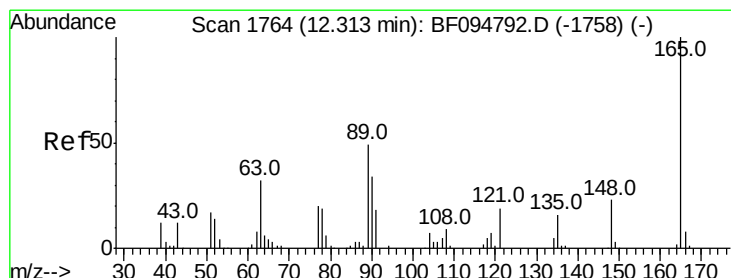
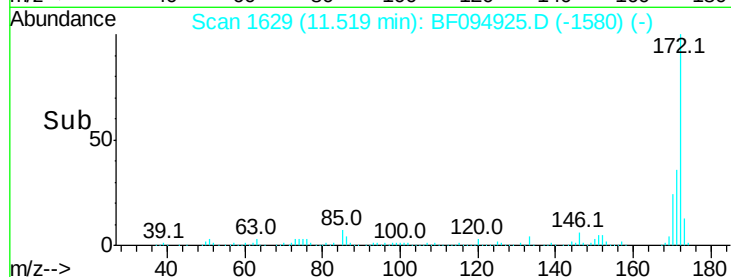
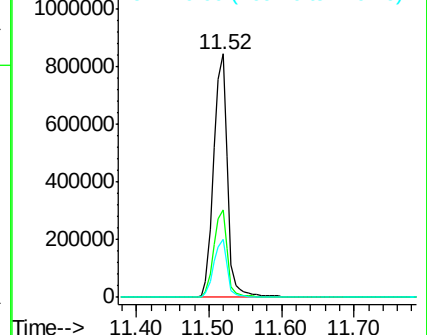
170 23.8 19.8 29.8



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



#50

2,6-Dinitrotoluene

Concen: 5.74 ng

RT: 12.57 min Scan# 1808

Delta R.T. 0.26 min

Lab File: BF094925.D

Acq: 5 May 2017 19:37

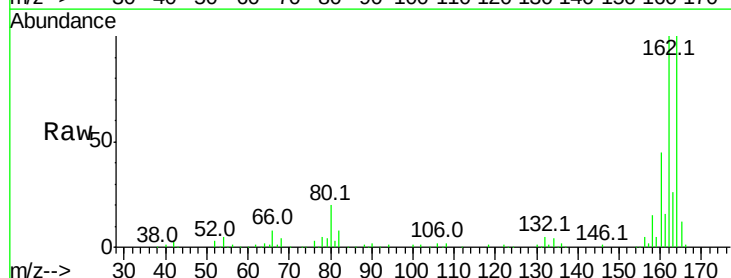
Tgt Ion:165 Resp: 17756

Ion Ratio Lower Upper

165 100

63 2.5 34.3 51.5#

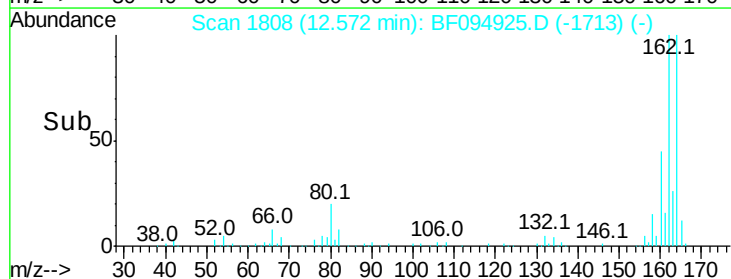
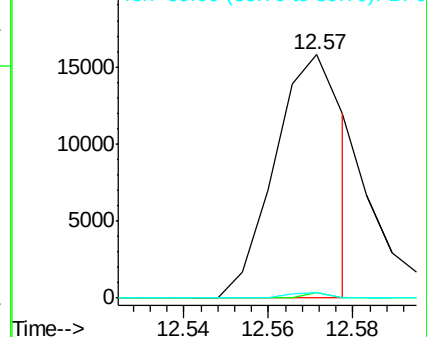
89 2.1 37.1 55.7#

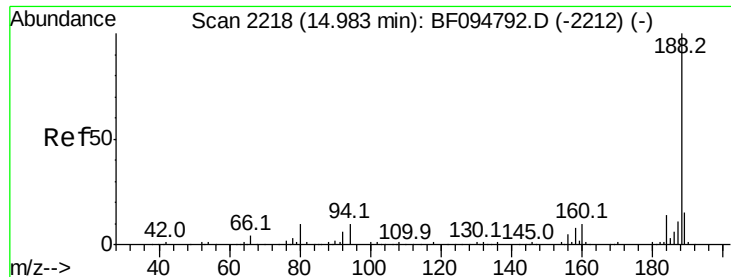


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

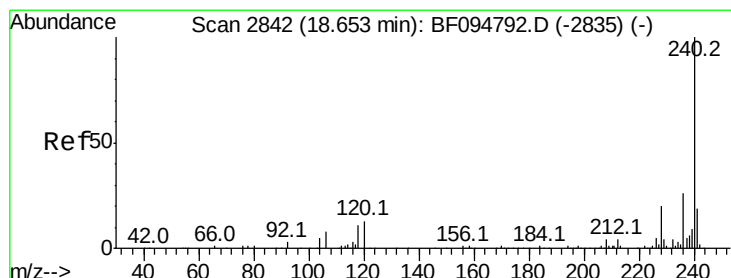
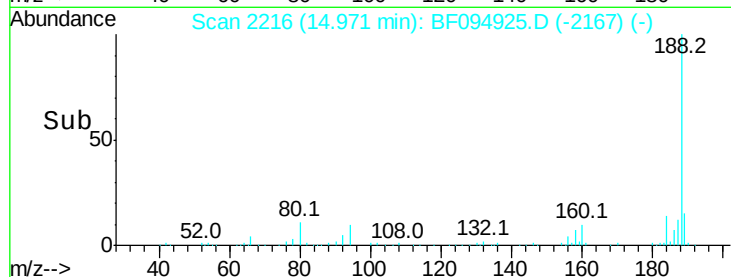
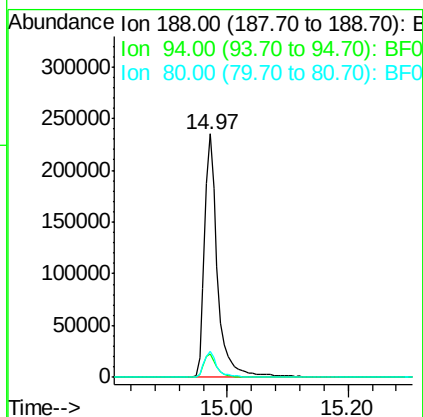
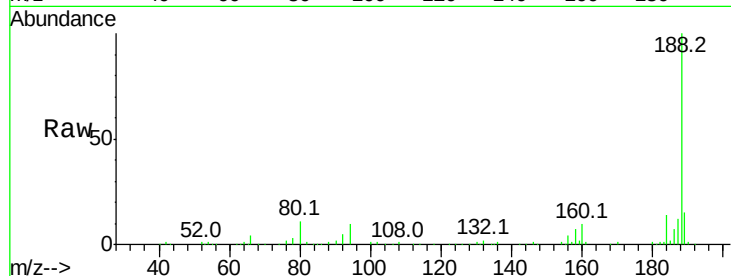




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094925.D
 Acq: 5 May 2017 19:37

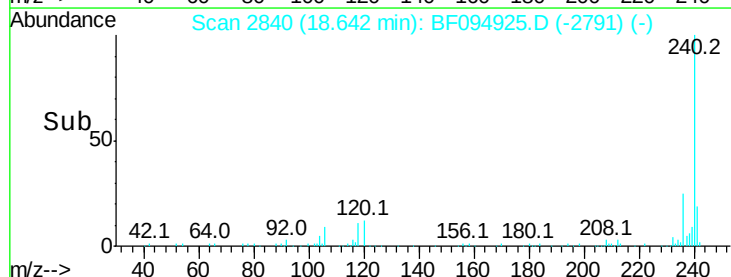
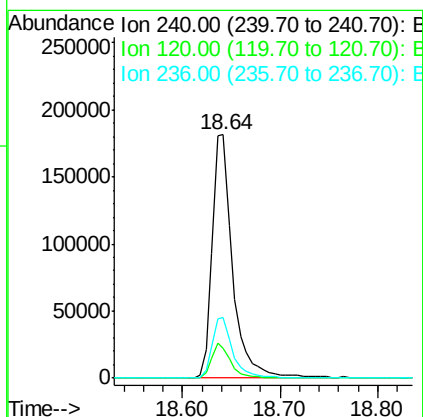
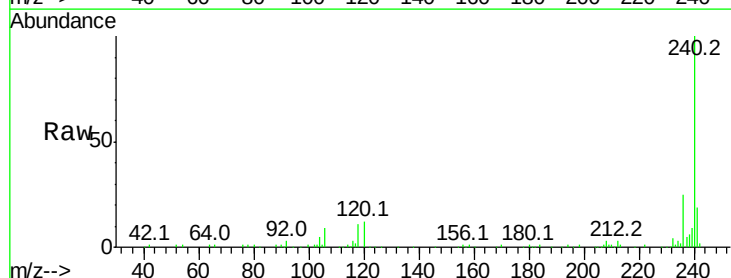
Instrument :
 BNA_F
 ClientSampleId :

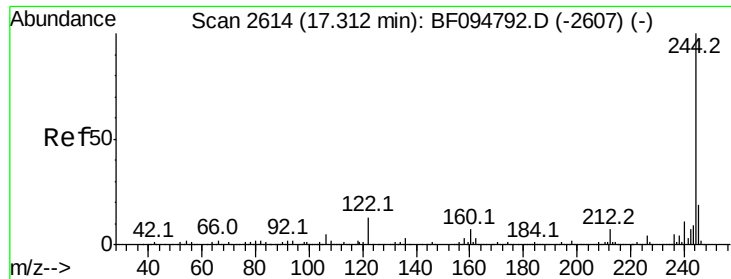
Tot Ion:188 Resp: 354344
 Ion Ratio Lower Upper
 188 100
 94 9.7 9.4 14.2
 80 10.8 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094925.D
 Acq: 5 May 2017 19:37

Tgt Ion:240 Resp: 265069
 Ion Ratio Lower Upper
 240 100
 120 12.3 5.8 8.8#
 236 25.1 20.5 30.7

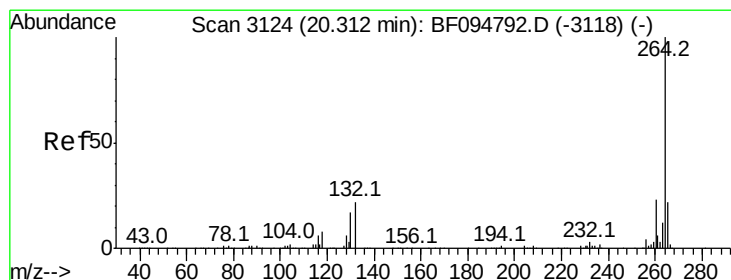
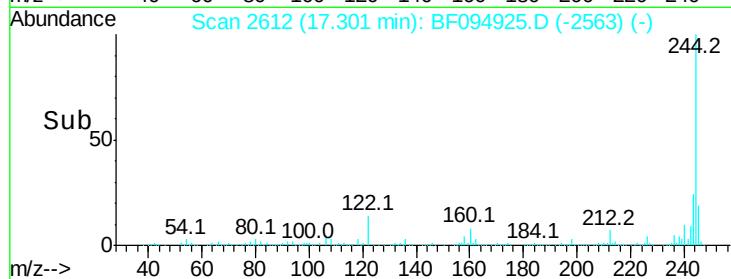
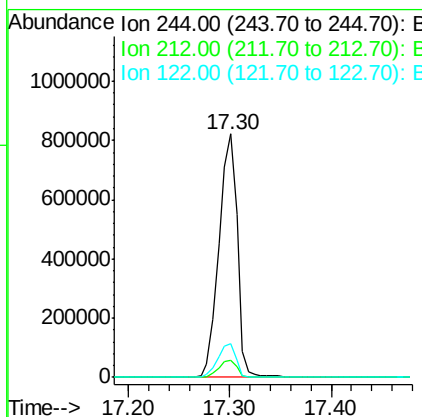
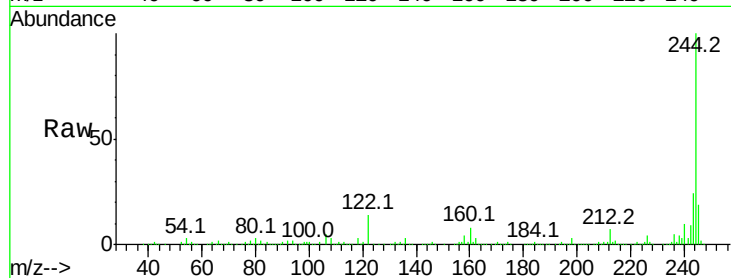




#78
 Terphenyl-d14
 Concen: 86.12 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094925.D
 Acq: 5 May 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1036469
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094925.D
 Acq: 5 May 2017 19:37

Tgt Ion:264 Resp: 139109
 Ion Ratio Lower Upper
 264 100
 260 26.6 19.5 29.3
 265 20.5 17.2 25.8

