

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094567.D
 Acq On : 21 Apr 2017 17:23
 Operator : SJ/MA
 Sample : I2783-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 21 23:34:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

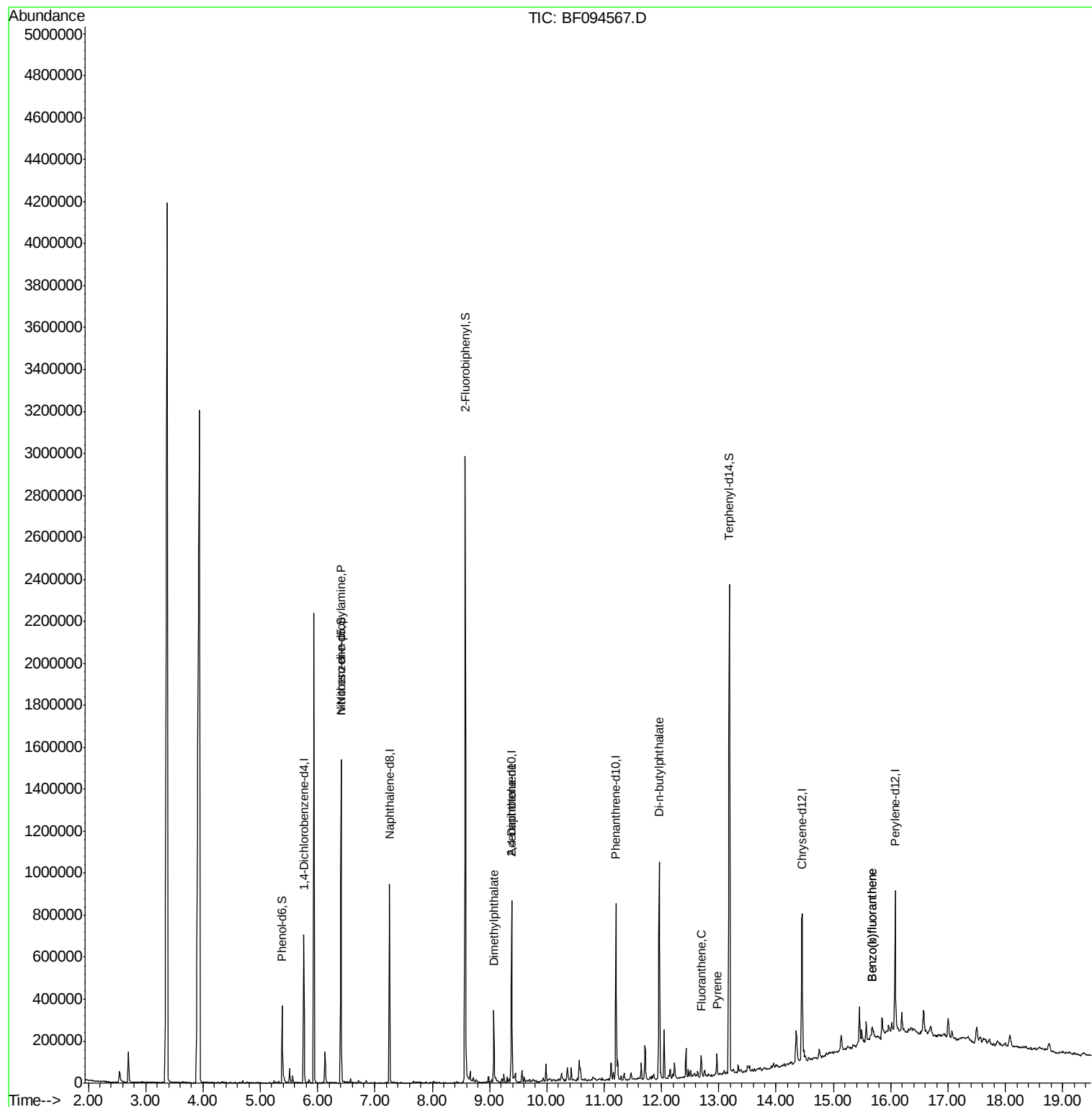
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	109450	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	432346	20.00	ng	0.00
38) Acenaphthene-d10	9.38	164	199407	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	341848	20.00	ng	-0.01
75) Chrysene-d12	14.45	240	288389	20.00	ng	-0.01
86) Perylene-d12	16.08	264	263775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	3983	0.60	ng	0.03
7) Phenol-d6	5.38	99	159425	20.50	ng	-0.01
23) Nitrobenzene-d5	6.41	82	567186	81.01	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.58	172	1093167	80.66	ng	0.00
78) Terphenyl-d14	13.18	244	890733	82.56	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	73453	14.25	ng	# 79
49) Dimethylphthalate	9.08	163	167139	11.25	ng	98
56) 2,4-Dinitrotoluene	9.38	165	24151	5.90	ng	# 33
73) Di-n-butylphthalate	11.96	149	579287	28.15	ng	98
74) Fluoranthene	12.70	202	45595	2.29	ng	98
77) Pyrene	12.97	202	42296	2.10	ng	95
87) Benzo(b)fluoranthene	15.68	252	34828	2.16	ng	# 82
88) Benzo(k)fluoranthene	15.68	252	34828	2.28	ng	# 85

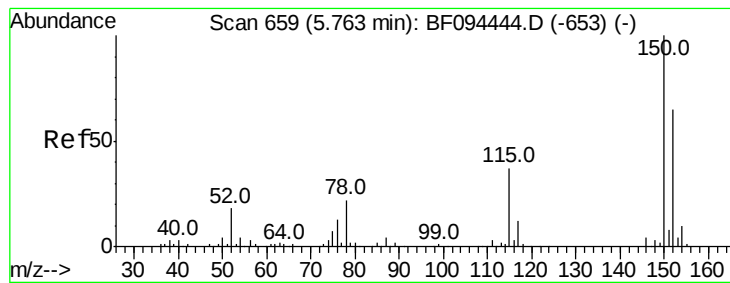
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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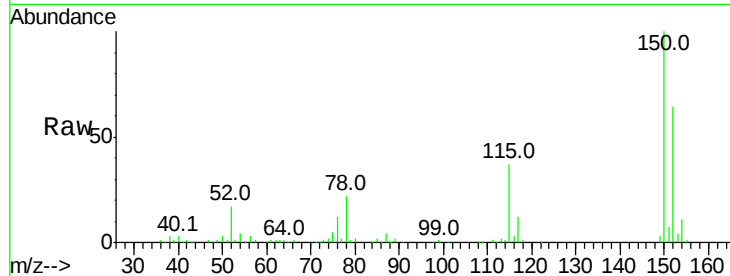


#1

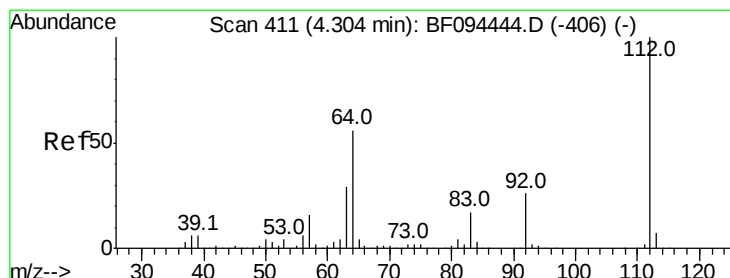
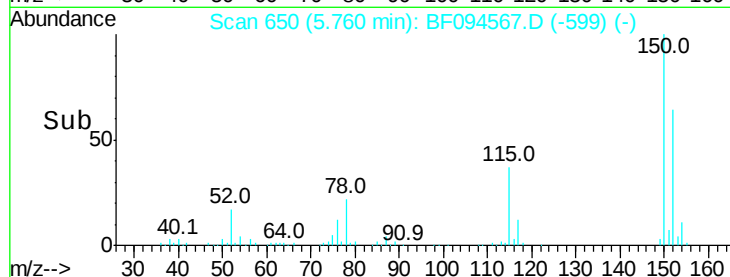
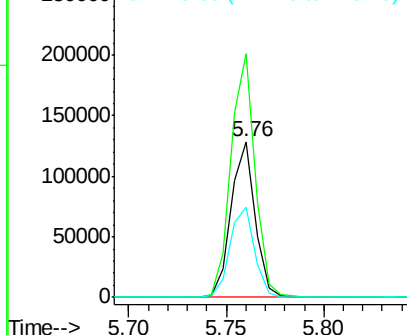
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094567.D
Acq: 21 Apr 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109450
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.2
115 58.1 52.2 78.2



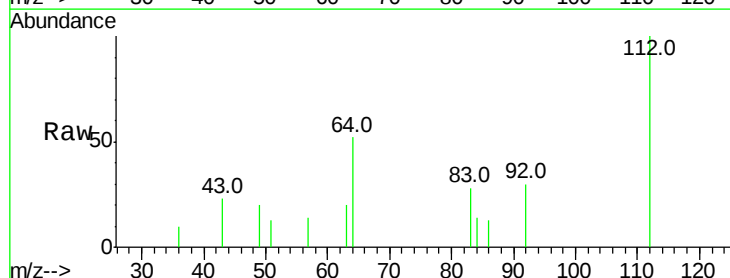
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



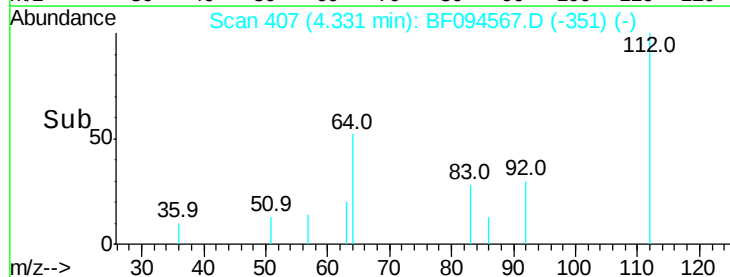
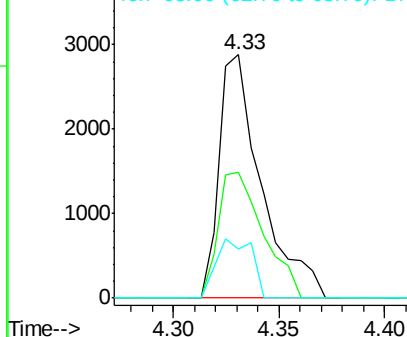
#5

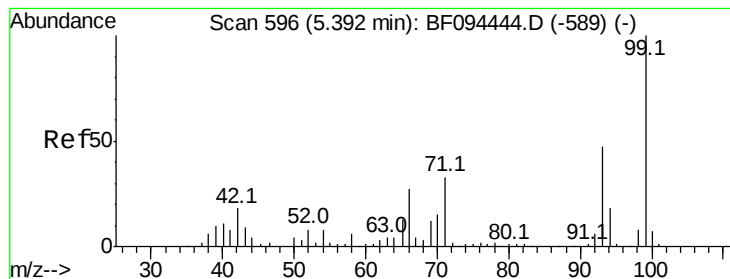
2-Fluorophenol
Concen: 0.60 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094567.D
Acq: 21 Apr 2017 17:23

Tgt Ion:112 Resp: 3983
Ion Ratio Lower Upper
112 100
64 51.6 46.0 69.0
63 19.9 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: 20.50 ng

RT: 5.38 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF094567.D

Acq: 21 Apr 2017 17:23

Instrument :

BNA_F

ClientSampleId :

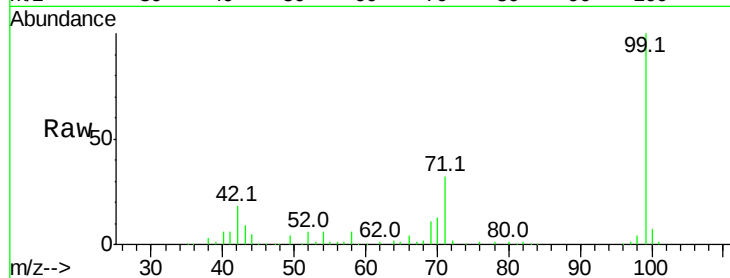
Tot Ion: 99 Resp: 159425

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

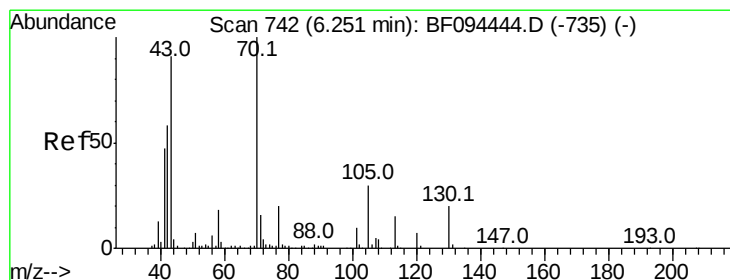
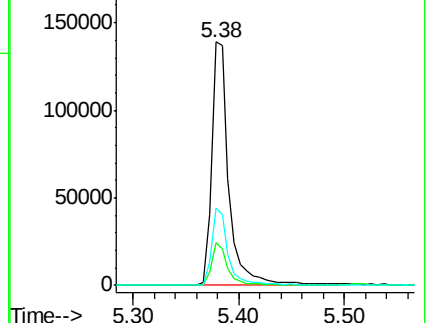
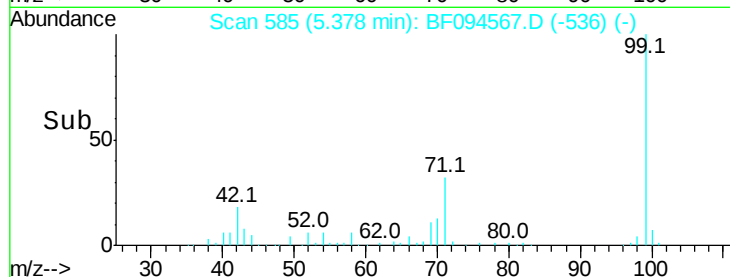
71 31.9 24.5 36.7



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: 14.25 ng

RT: 6.41 min Scan# 760

Delta R.T. 0.16 min

Lab File: BF094567.D

Acq: 21 Apr 2017 17:23

Tgt Ion: 70 Resp: 73453

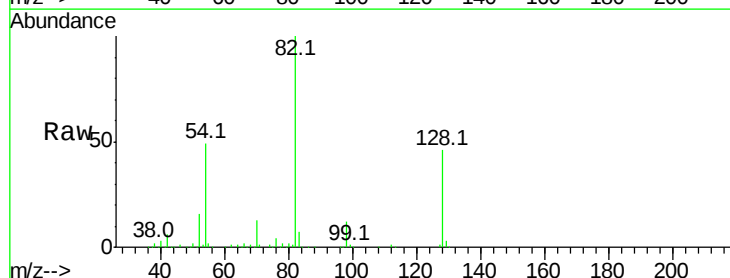
Ion Ratio Lower Upper

70 100

42 48.8 47.2 70.8

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

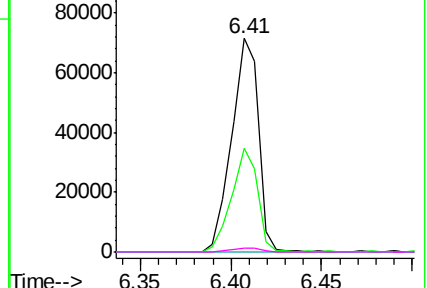
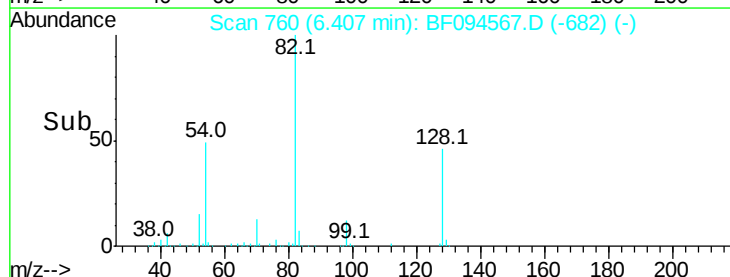


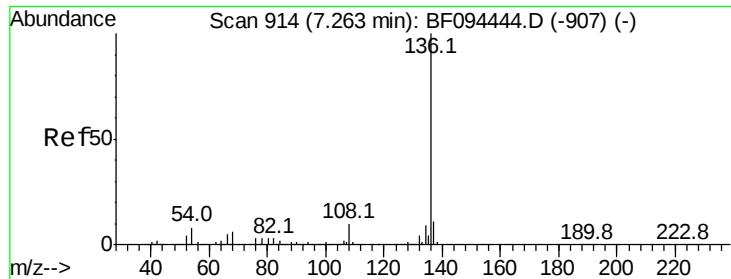
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

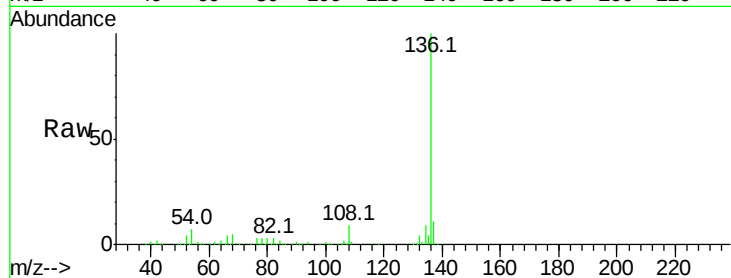




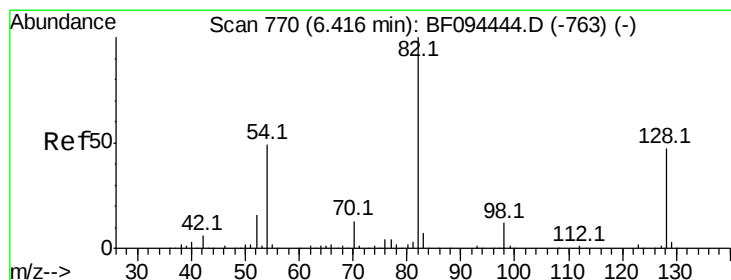
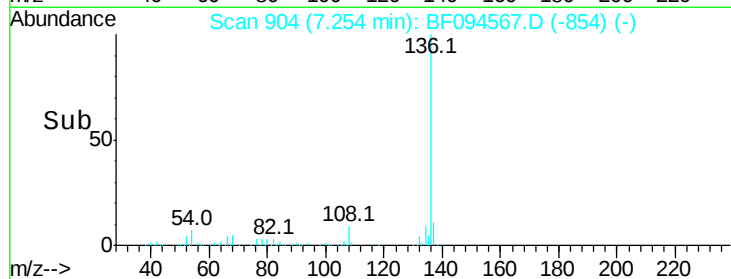
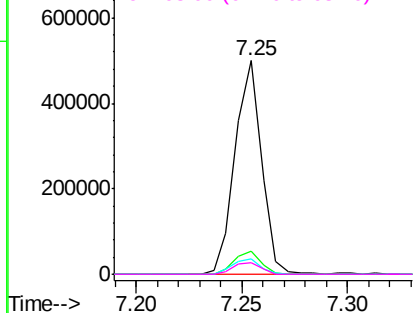
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094567.D
Acq: 21 Apr 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	432346	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.5	12.7	
54 7.1	4.9	7.3	
68 5.4	4.1	6.1	

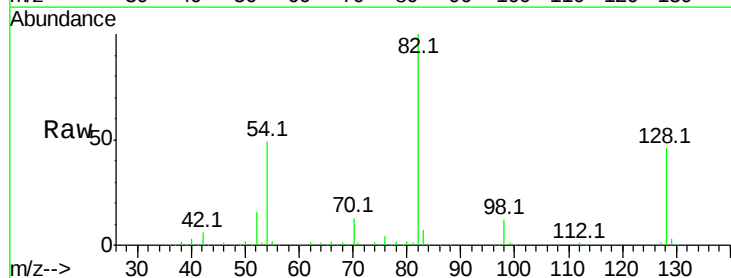


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

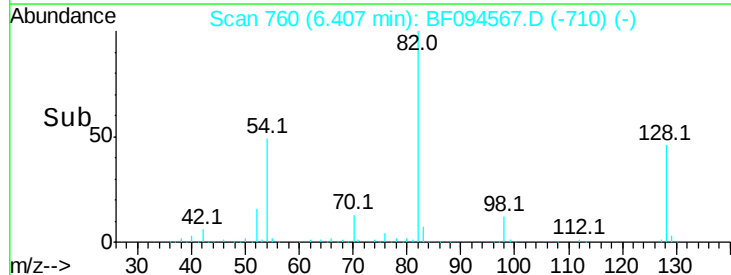
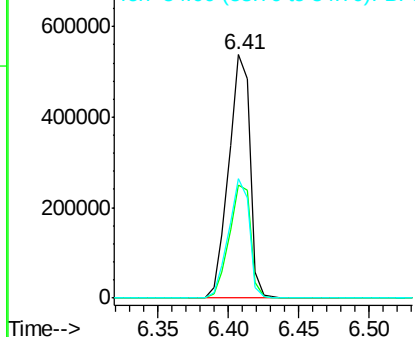


#23
Nitrobenzene-d5
Concen: 81.01 ng
RT: 6.41 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF094567.D
Acq: 21 Apr 2017 17:23

Tgt Ion: 82	Resp: 567186
Ion Ratio	Lower Upper
82 100	
128 46.5	34.0 51.0
54 48.8	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: 9.38 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF094567.D

Acq: 21 Apr 2017 17:23

Instrument :

BNA_F

ClientSampleId :

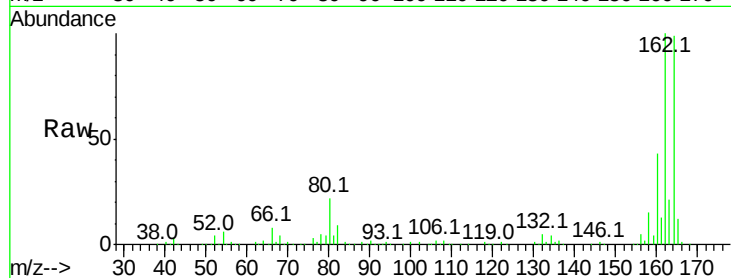
Tot Ion:164 Resp: 199407

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

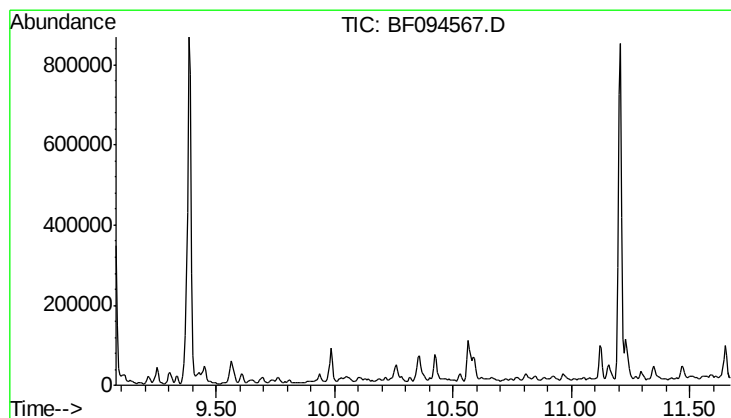
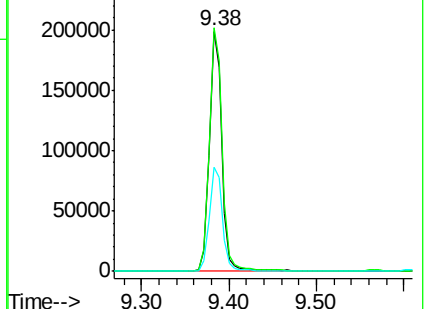
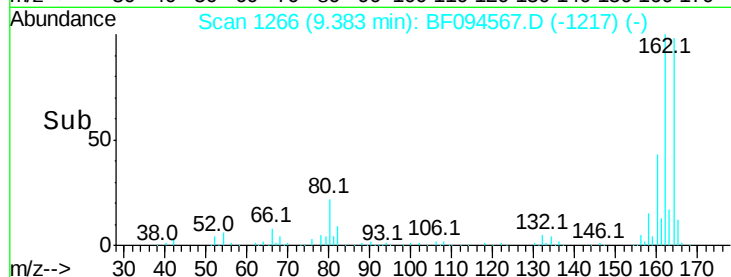
160 43.5 36.2 54.2



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: 0.00 ng

Expected RT: 10.37 min

Lab File: BF094567.D

Acq: 21 Apr 2017 17:23

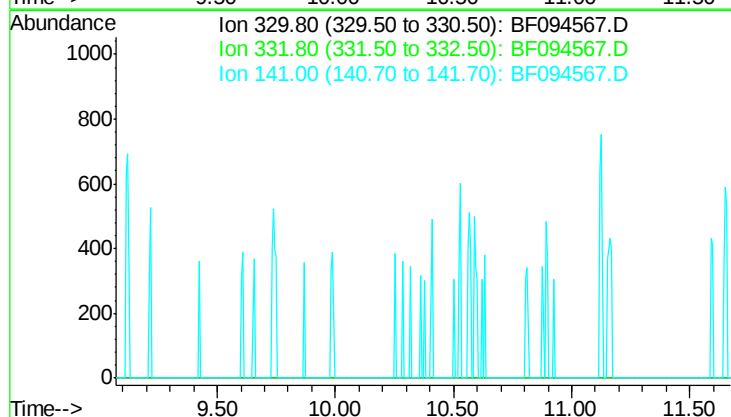
Tgt Ion: 330

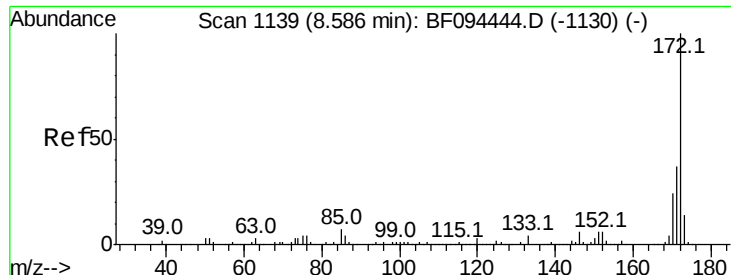
Sig Exp Ratio

330 100

332 95.8

141 39.3



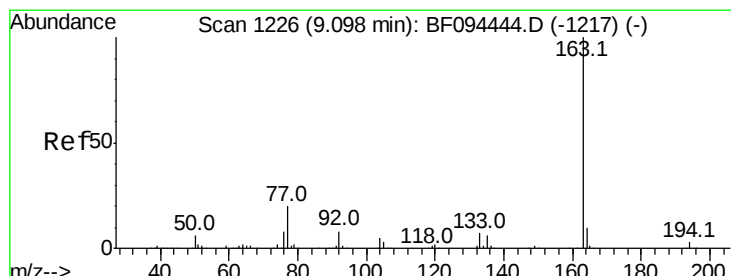
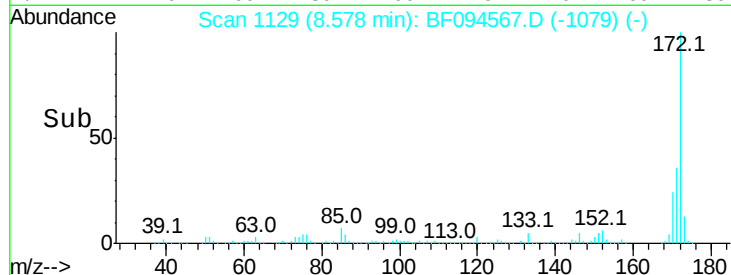
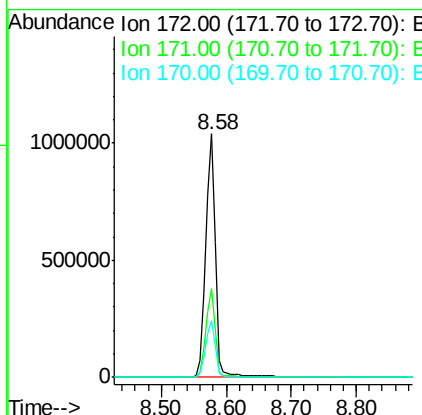
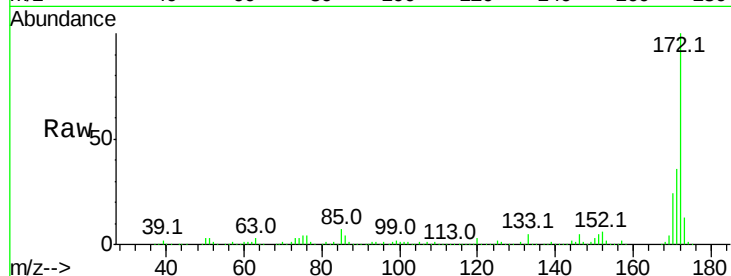


#44
 2-Fluorobiphenyl
 Concen: 80.66 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094567.D
 Acq: 21 Apr 2017 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1093167

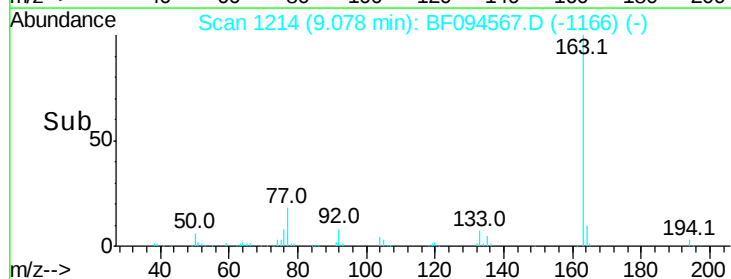
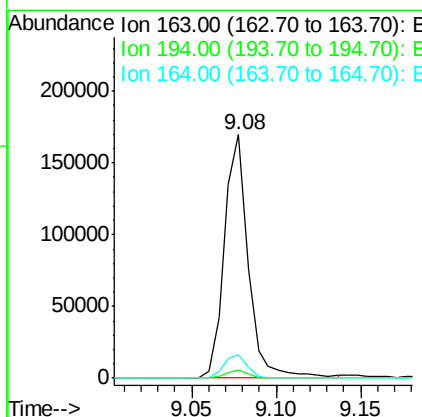
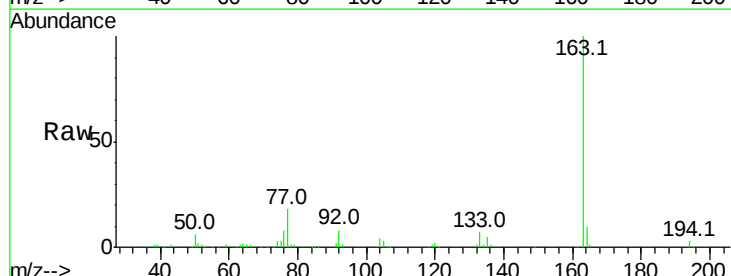
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.6	19.8	29.8



#49
 Dimethylphthalate
 Concen: 11.25 ng
 RT: 9.08 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF094567.D
 Acq: 21 Apr 2017 17:23

Tgt Ion:163 Resp: 167139

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.7	8.4	12.6

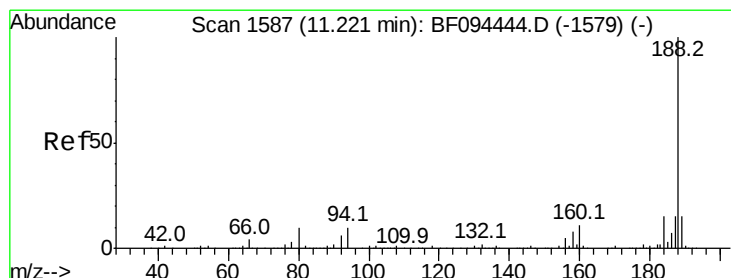
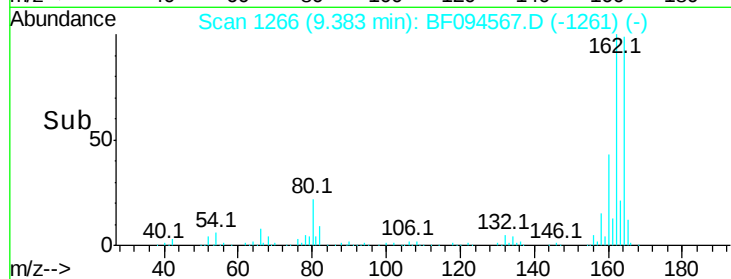
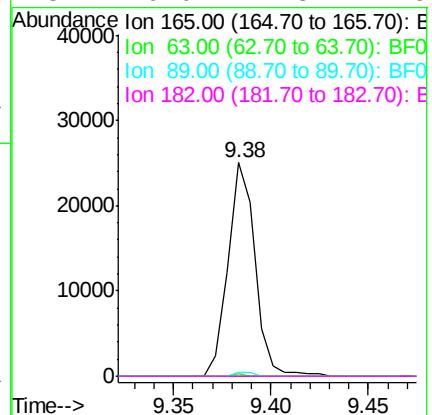
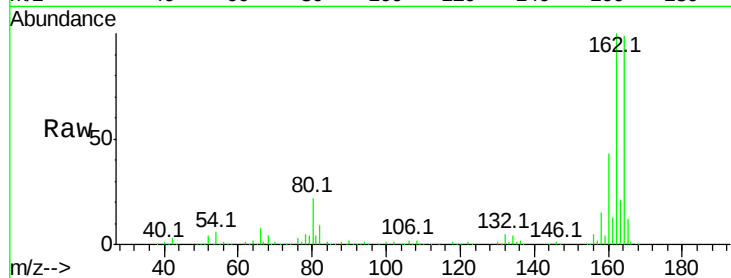




#56
 2,4-Dinitrotoluene
 Concen: 5.90 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.27 min
 Lab File: BF094567.D
 Acq: 21 Apr 2017 17:23

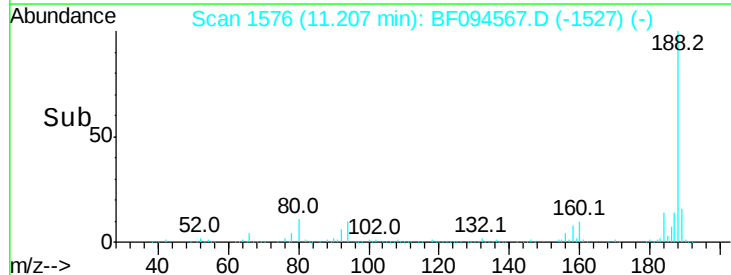
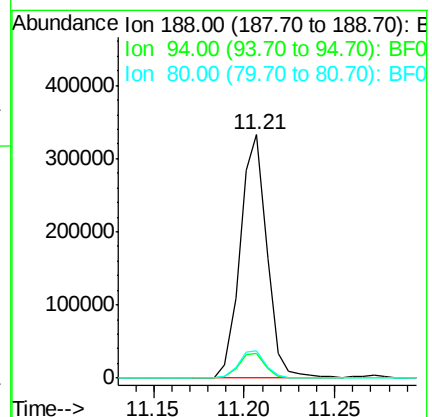
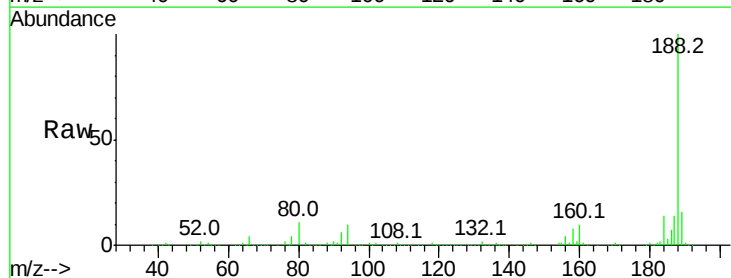
Instrument :
 BNA_F
 ClientSampleId :

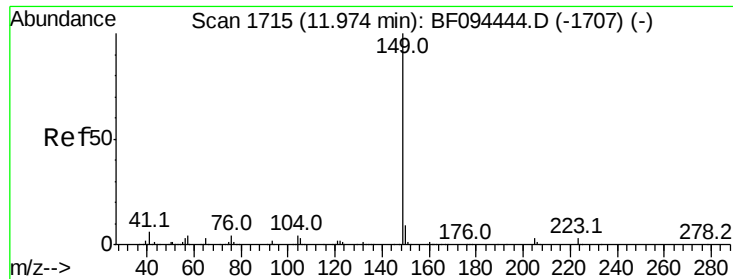
Tot Ion:165 Resp: 24151
 Ion Ratio Lower Upper
 165 100
 63 1.5 25.4 38.0#
 89 1.7 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF094567.D
 Acq: 21 Apr 2017 17:23

Tgt Ion:188 Resp: 341848
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 11.1 10.2 15.2

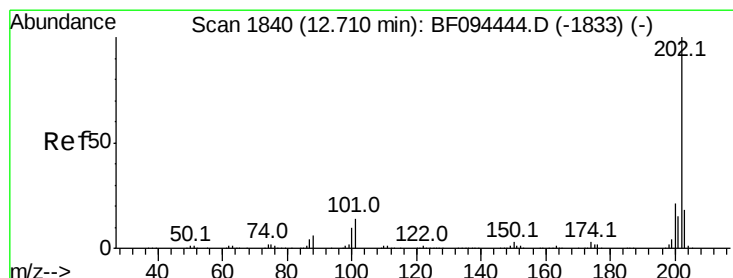
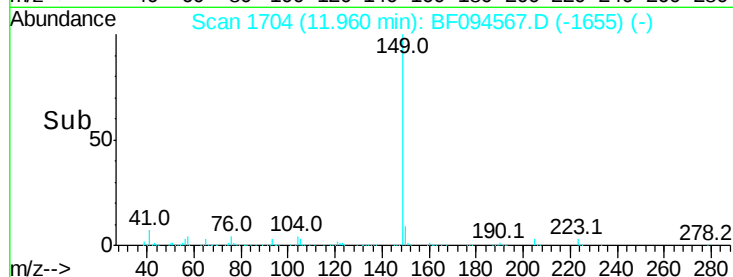
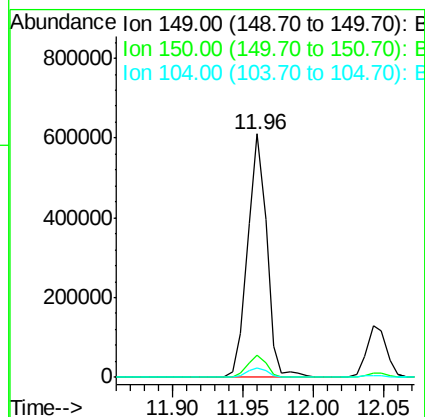
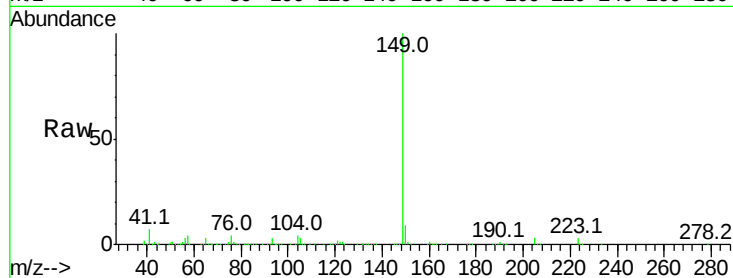




#73
Di-n-butylphthalate
Concen: 28.15 ng
RT: 11.96 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BF094567.D
Acq: 21 Apr 2017 17:23

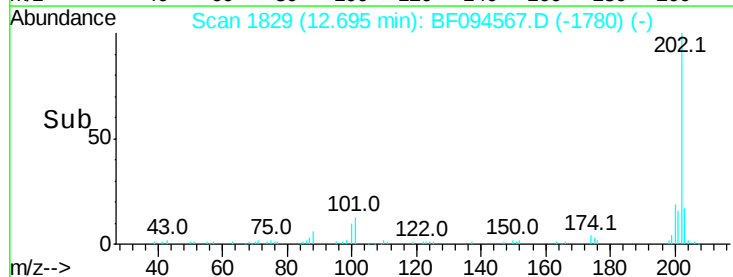
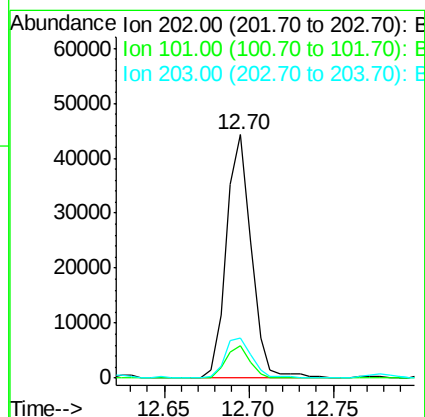
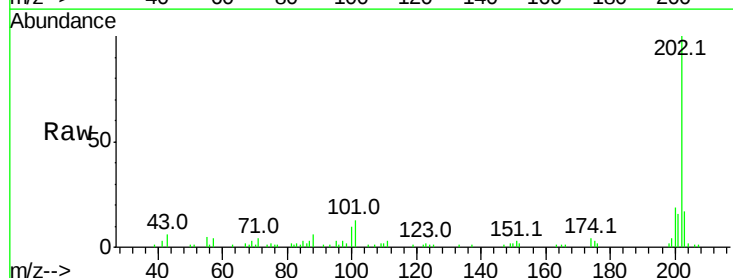
Instrument :
BNA_F
ClientSampleId :

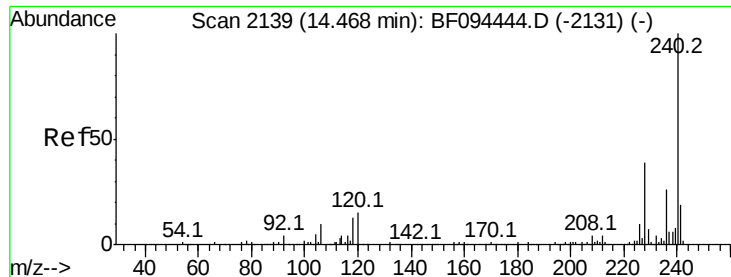
Tot Ion:149 Resp: 579287
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 2.29 ng
RT: 12.70 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF094567.D
Acq: 21 Apr 2017 17:23

Tgt Ion:202 Resp: 45595
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.2
203 16.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF094567.D

Acq: 21 Apr 2017 17:23

Instrument :

BNA_F

ClientSampleId :

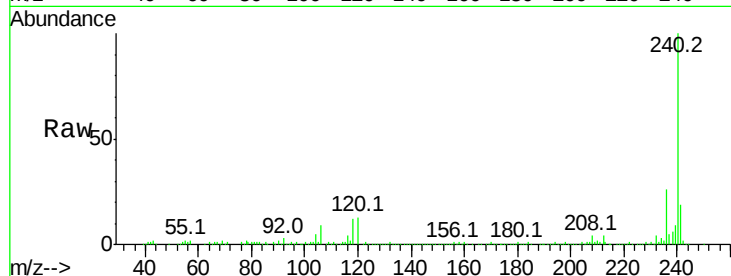
Tot Ion:240 Resp: 288389

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

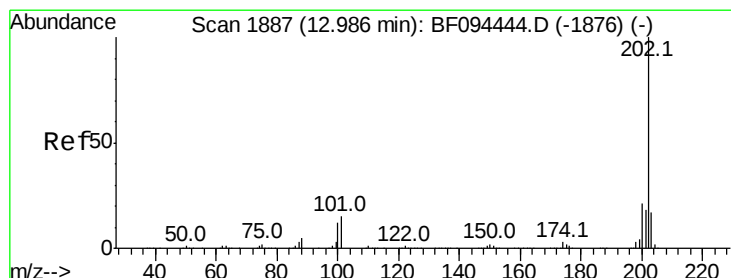
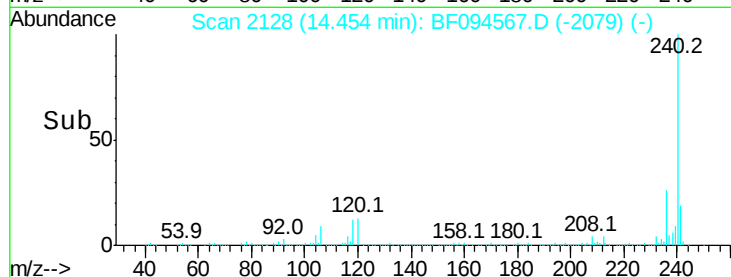
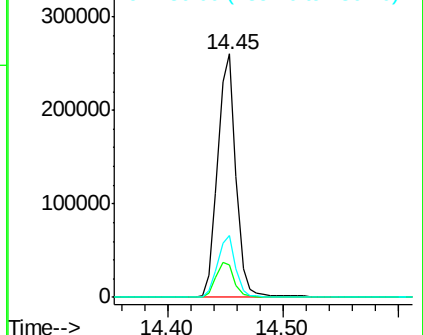
236 25.7 20.5 30.7



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



#77

Pyrene

Concen: 2.10 ng

RT: 12.97 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BF094567.D

Acq: 21 Apr 2017 17:23

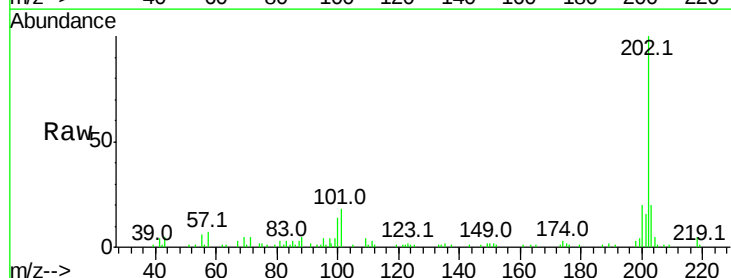
Tgt Ion:202 Resp: 42296

Ion Ratio Lower Upper

202 100

200 19.7 17.6 26.4

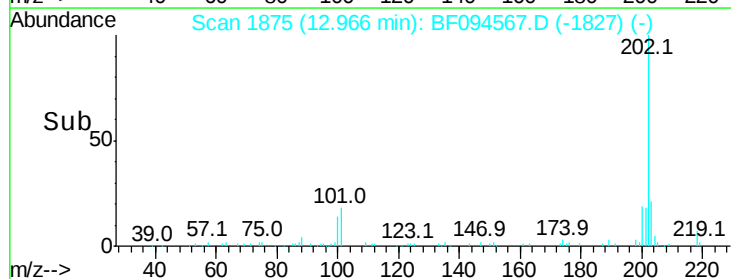
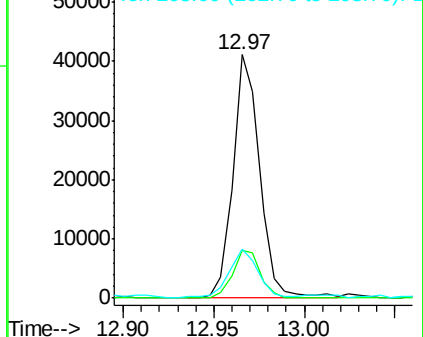
203 20.3 14.4 21.6

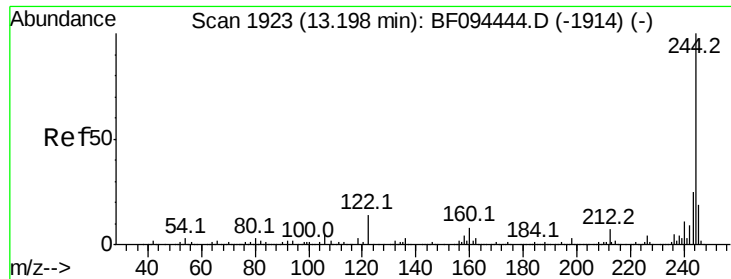


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

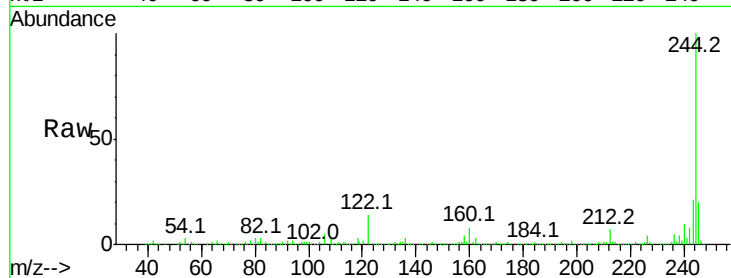




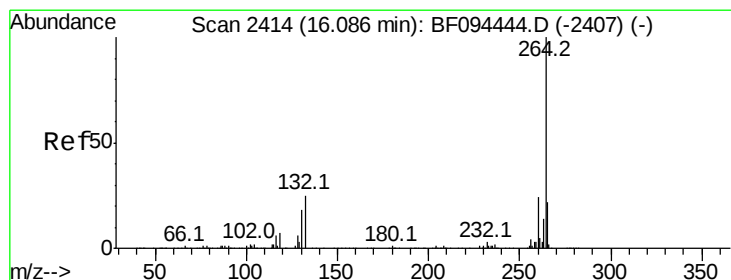
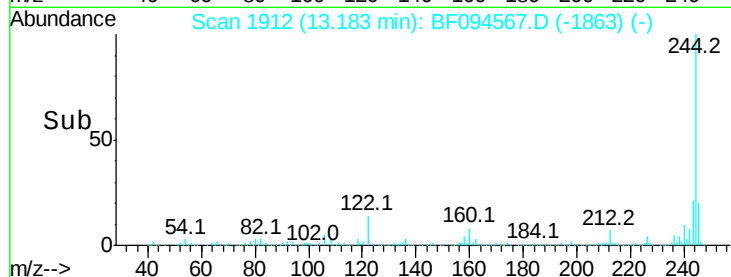
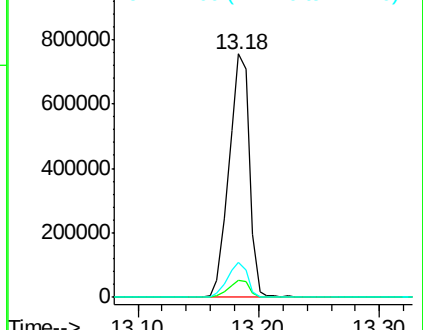
#78
 Terphenyl-d14
 Concen: 82.56 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF094567.D
 Acq: 21 Apr 2017 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 890733
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.5 10.3 15.5

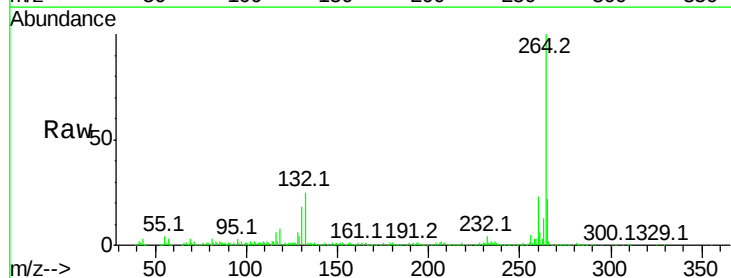


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

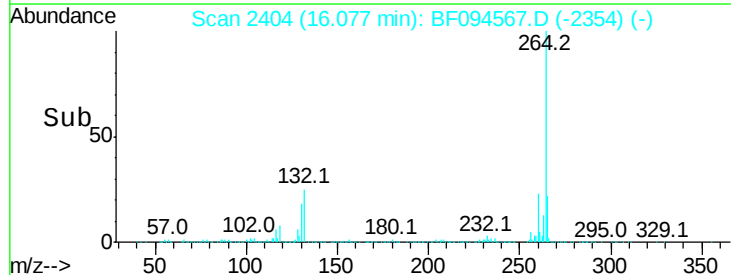
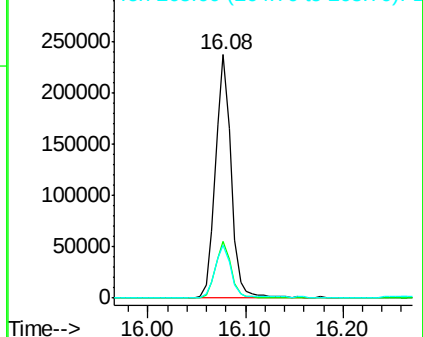


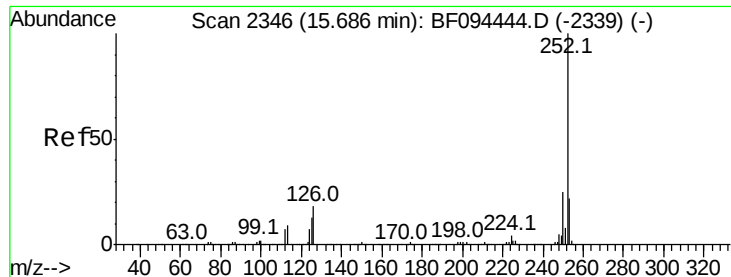
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094567.D
 Acq: 21 Apr 2017 17:23

Tgt Ion:264 Resp: 263775
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.7 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





#87

Benzo(b)fluoranthene

Concen: 2.16 ng

RT: 15.68 min Scan# 2336

Delta R.T. -0.01 min

Lab File: BF094567.D

Acq: 21 Apr 2017 17:23

Instrument :

BNA_F

ClientSampleId :

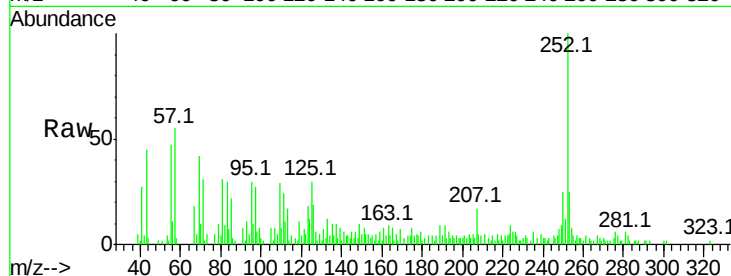
Tot Ion:252 Resp: 34828

Ion Ratio Lower Upper

252 100

253 24.5 18.1 27.1

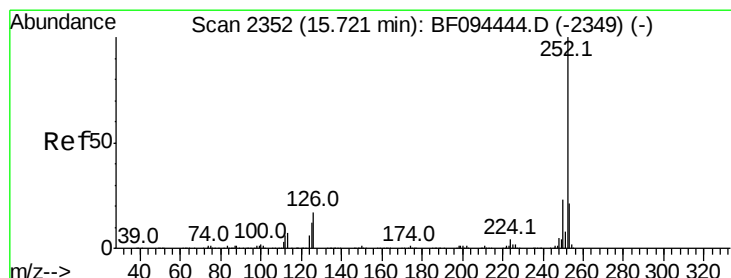
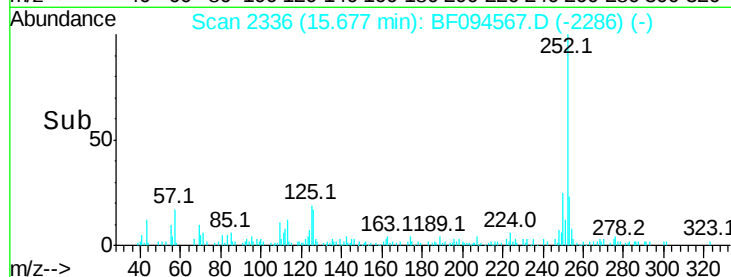
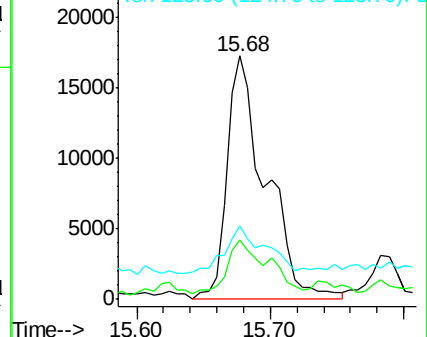
125 30.0 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.28 ng

RT: 15.68 min Scan# 2336

Delta R.T. -0.04 min

Lab File: BF094567.D

Acq: 21 Apr 2017 17:23

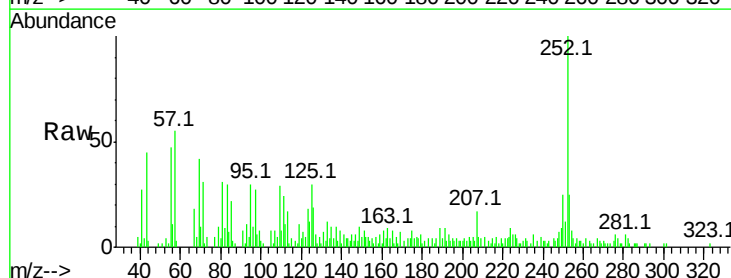
Tgt Ion:252 Resp: 34828

Ion Ratio Lower Upper

252 100

253 24.5 18.4 27.6

125 30.0 13.1 19.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

