

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094859.D
 Acq On : 4 May 2017 4:33
 Operator : SJ/MA
 Sample : I2936-11 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 05:07:20 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	99990	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	394719	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	164057	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	245470	20.00	ng	-0.01
75) Chrysene-d12	18.65	240	188958	20.00	ng	0.00
86) Perylene-d12	20.31	264	162119	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	456577	76.13	ng	0.00
7) Phenol-d6	7.26	99	572531	79.56	ng	-0.02
23) Nitrobenzene-d5	8.61	82	331720	52.99	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	100086	74.49	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	599550	52.60	ng	-0.01
78) Terphenyl-d14	17.30	244	365265	42.58	ng	-0.01

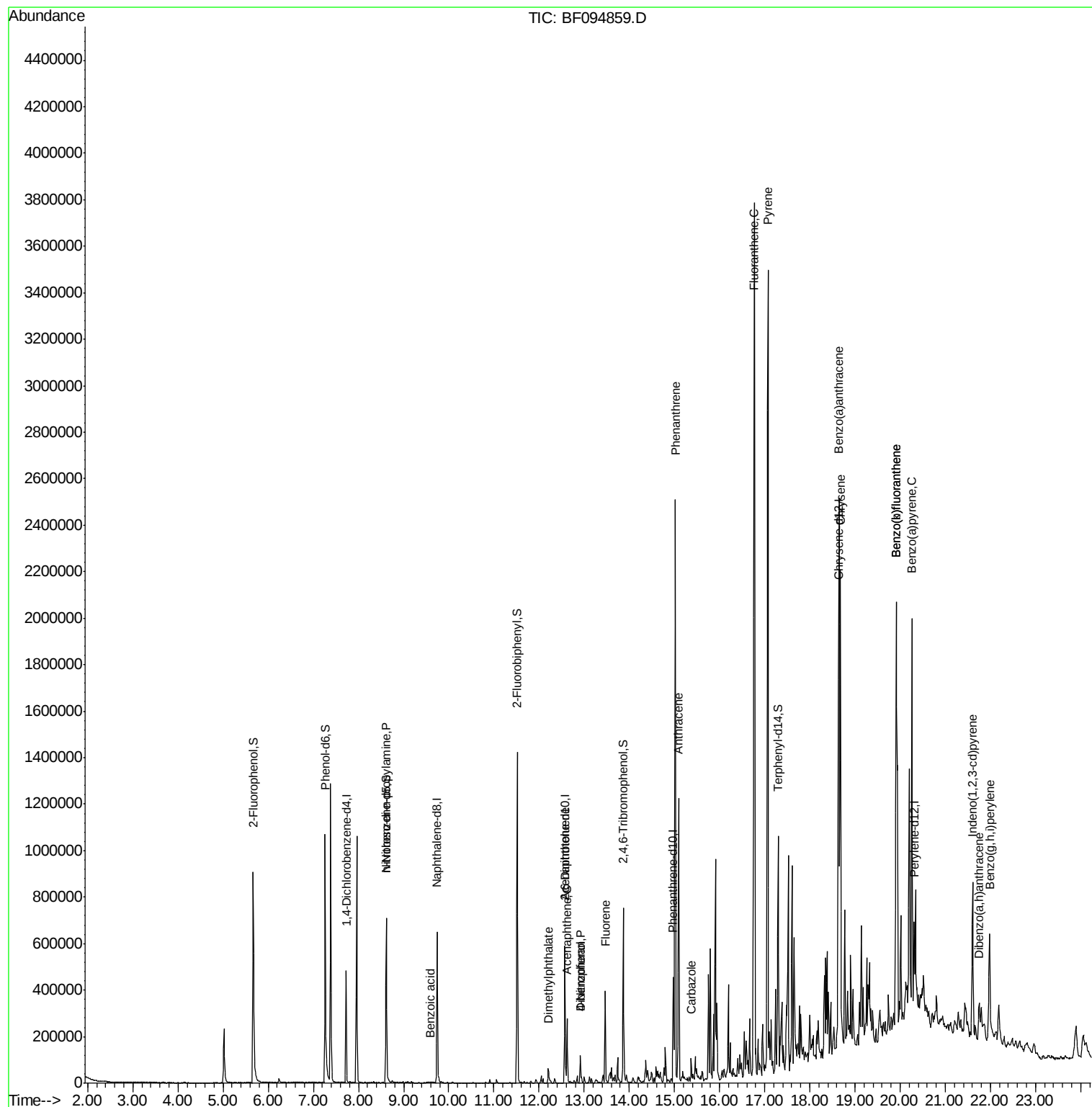
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	8.62	70	43016	8.84	ng	# 72
32) Benzoic acid	9.60	122	2159	5.60	ng	# 58
49) Dimethylphthalate	12.21	163	40048	2.97	ng	99
50) 2,6-Dinitrotoluene	12.57	165	18883	6.87	ng	# 31
51) Acenaphthene	12.62	154	87671	8.40	ng	98
54) Dibenzofuran	12.91	168	67571	4.68	ng	97
55) 4-Nitrophenol	12.91	139	23730	13.40	ng	# 28
57) Fluorene	13.47	166	144621	11.52	ng	97
70) Phenanthrene	15.02	178	1458633	103.42	ng	98
71) Anthracene	15.09	178	620168	43.05	ng	98
72) Carbazole	15.37	167	53242	4.06	ng	98
74) Fluoranthene	16.78	202	2701735	186.74	ng	99
77) Pvrene	17.08	202	2223478	157.34	ng	99
80) Benzo(a)anthracene	18.64	228	1315237	119.60	ng	99
82) Chrysene	18.69	228	1005731	94.58	ng	96
85) Indeno(1,2,3-cd)pyrene	21.61	276	379322	43.93	ng	92
87) Benzo(b)fluoranthene	19.92	252	1589097	158.63	ng	98
88) Benzo(k)fluoranthene	19.92	252	1589097	164.45	ng	98
89) Benzo(a)pvrene	20.26	252	826726	89.44	ng	97
90) Dibenzo(a,h)anthracene	21.75	278	93435	12.24	ng	95
91) Benzo(g,h,i)perylene	21.98	276	344274	45.95	ng	97

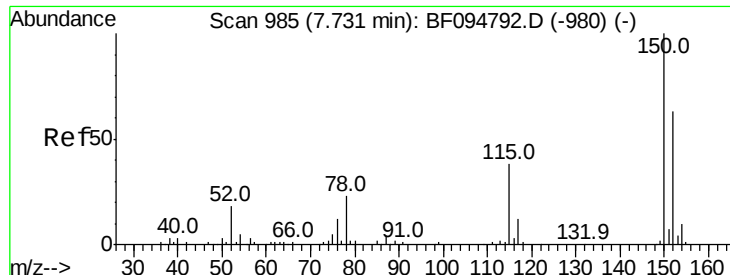
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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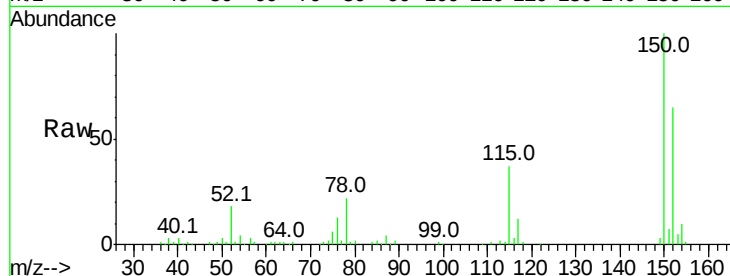


#1

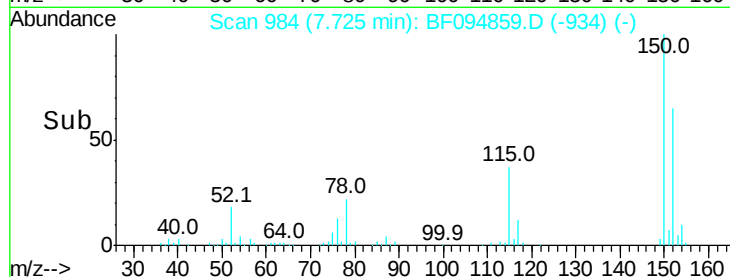
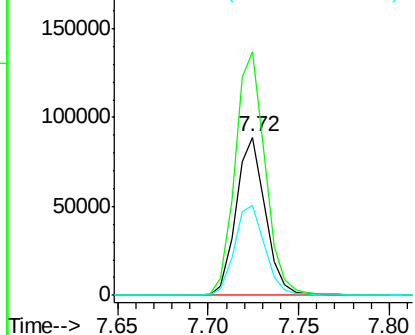
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094859.D
Acq: 4 May 2017 4:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99990
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 57.1 52.2 78.2



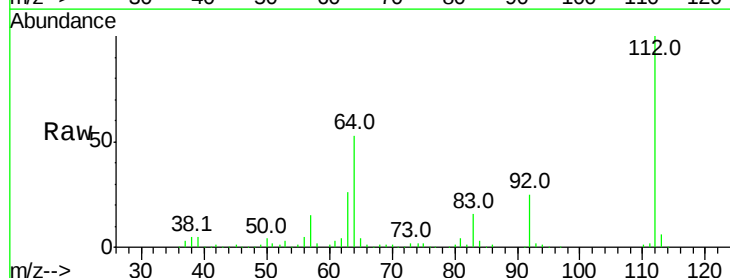
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



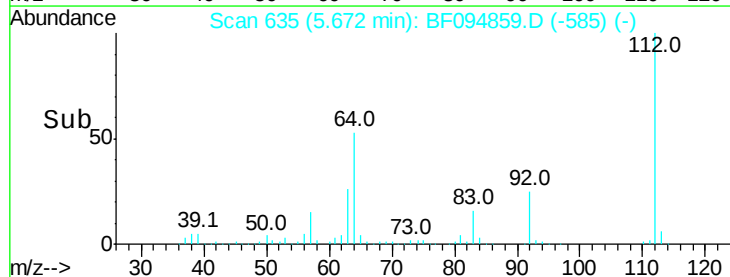
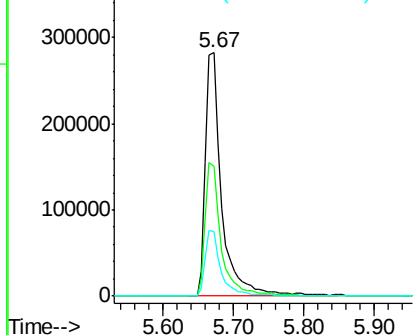
#5

2-Fluorophenol
Concen: 76.13 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094859.D
Acq: 4 May 2017 4:33

Tgt Ion:112 Resp: 456577
Ion Ratio Lower Upper
112 100
64 53.1 46.0 69.0
63 26.3 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: 79.56 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

Instrument :

BNA_F

ClientSampleId :

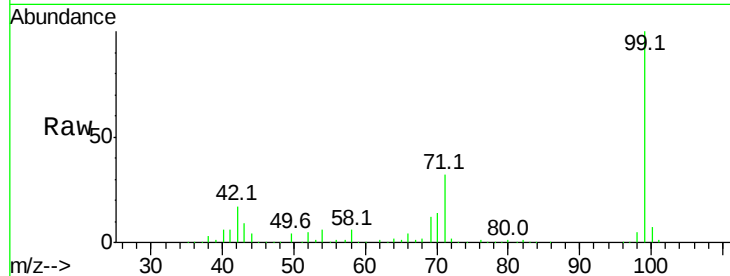
Tot Ion: 99 Resp: 572531

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

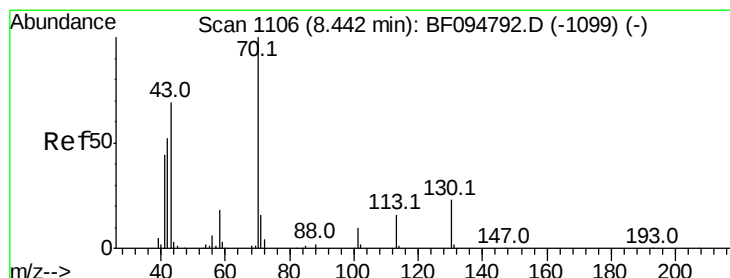
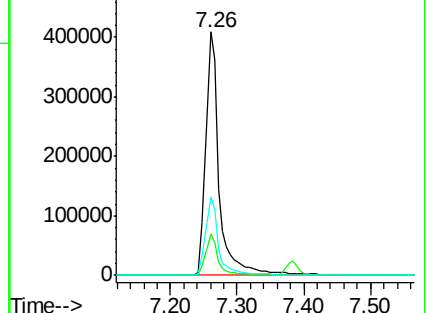
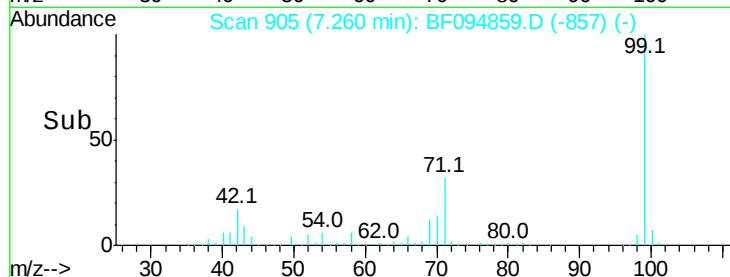
71 32.3 24.5 36.7



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: 8.84 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

Tgt Ion: 70 Resp: 43016

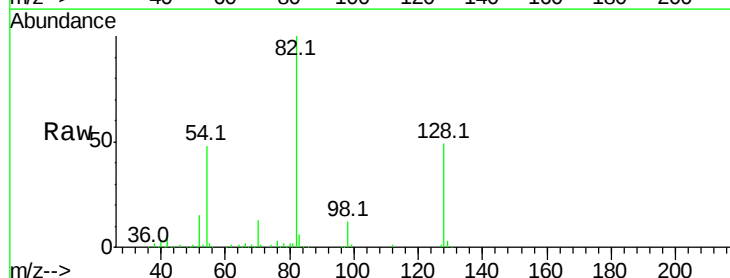
Ion Ratio Lower Upper

70 100

42 40.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

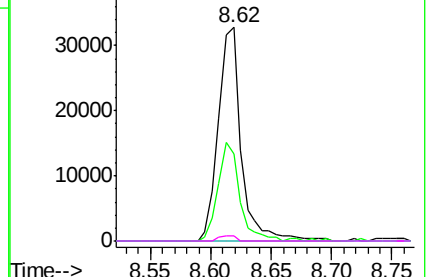
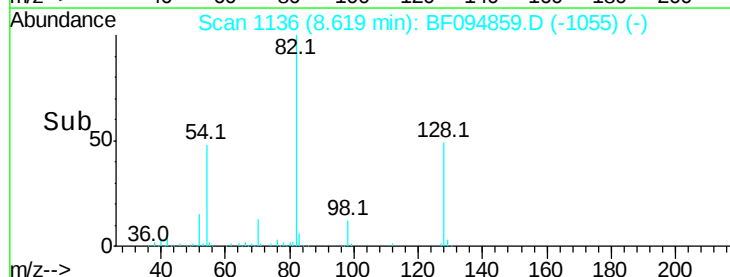


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

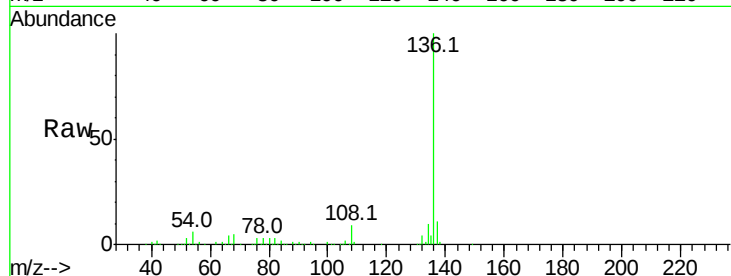




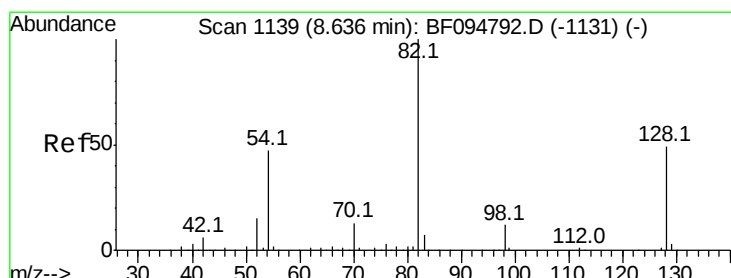
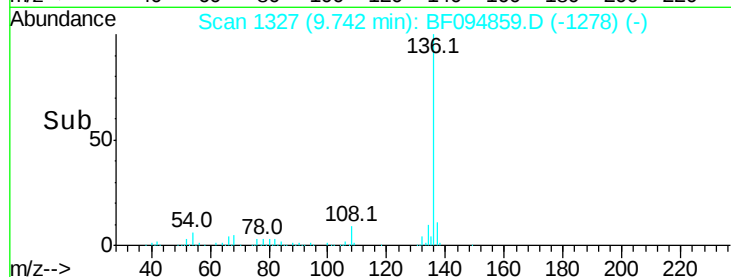
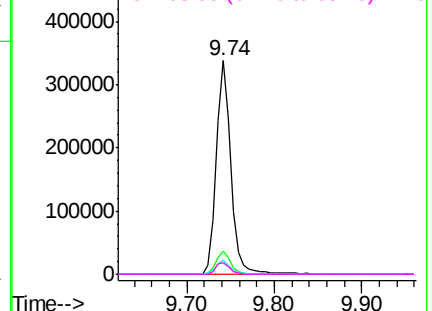
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094859.D
Acq: 4 May 2017 4:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	394719
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.5 12.7
54	6.5	4.9 7.3
68	5.3	4.1 6.1

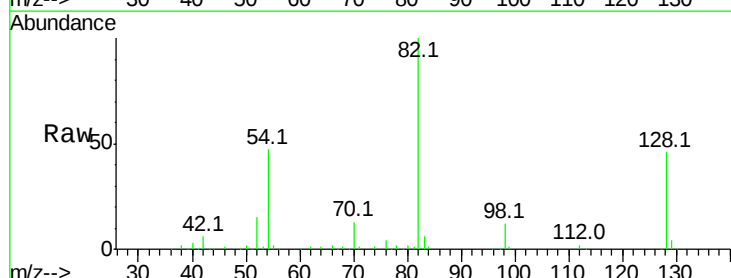


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

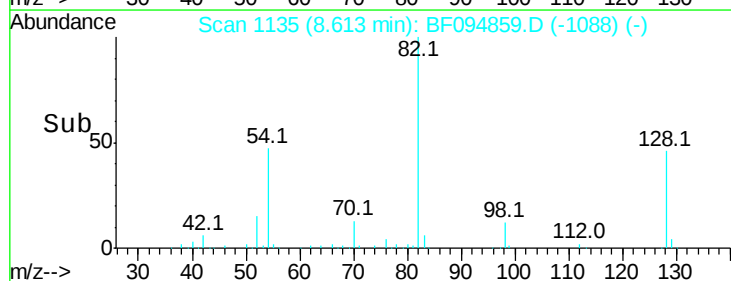
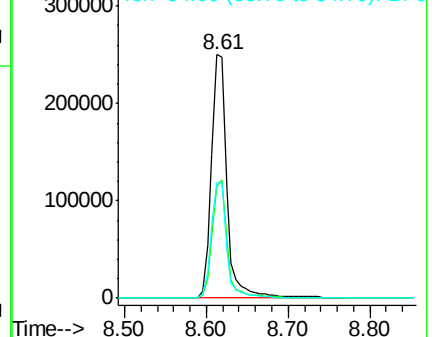


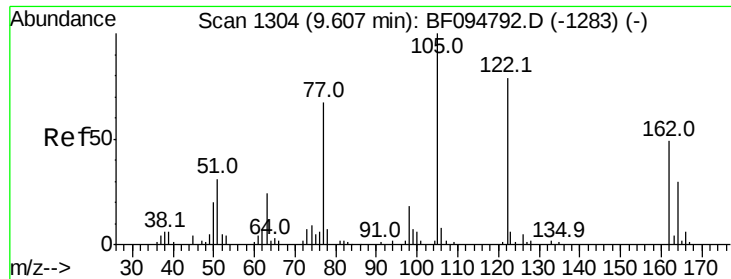
#23
Nitrobenzene-d5
Concen: 52.99 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF094859.D
Acq: 4 May 2017 4:33

Tgt Ion: 82	Resp:	331720
Ion	Ratio	Lower Upper
82	100	
128	45.7	34.0 51.0
54	47.3	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

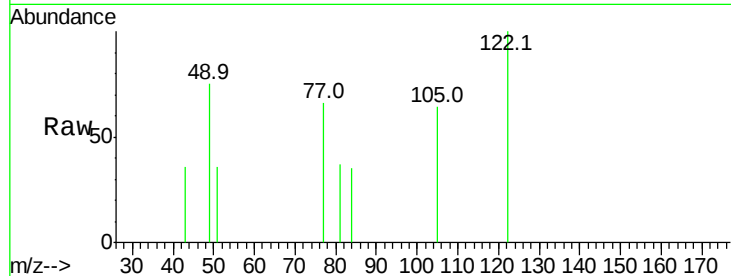




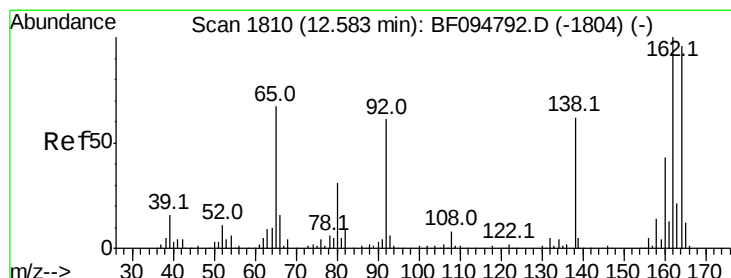
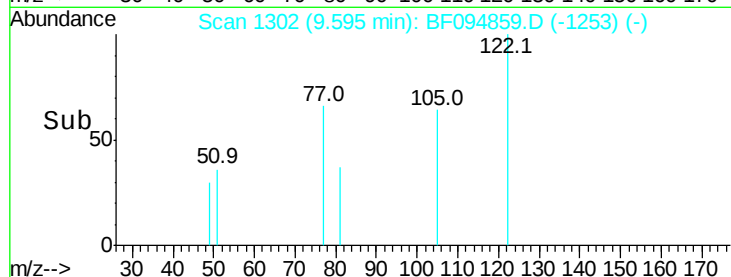
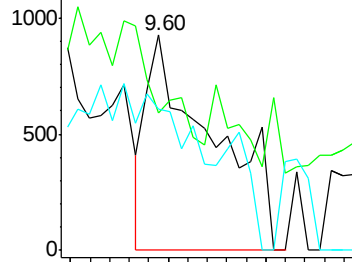
#32
Benzoic acid
Concen: 5.60 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF094859.D
Acq: 4 May 2017 4:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 2159
Ion Ratio Lower Upper
122 100
105 64.0 103.3 143.3#
77 65.9 73.7 113.7#

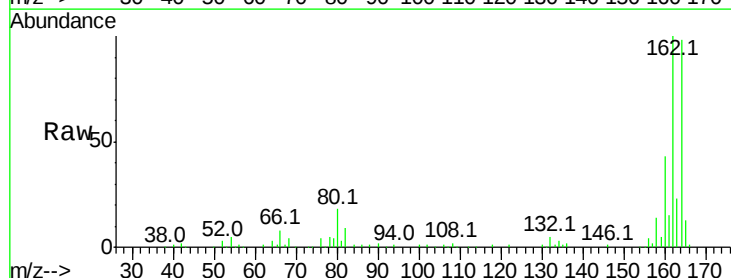


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

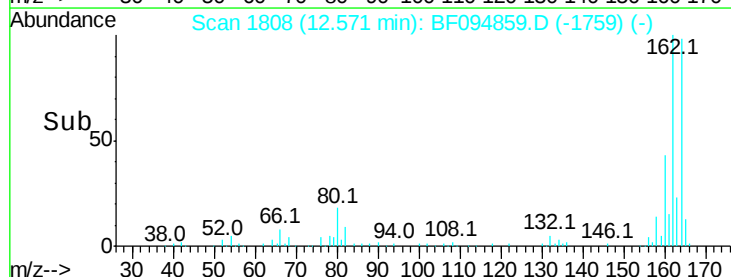
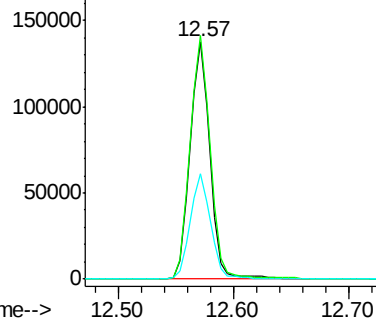


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094859.D
Acq: 4 May 2017 4:33

Tgt Ion:164 Resp: 164057
Ion Ratio Lower Upper
164 100
162 102.4 82.6 123.8
160 44.3 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

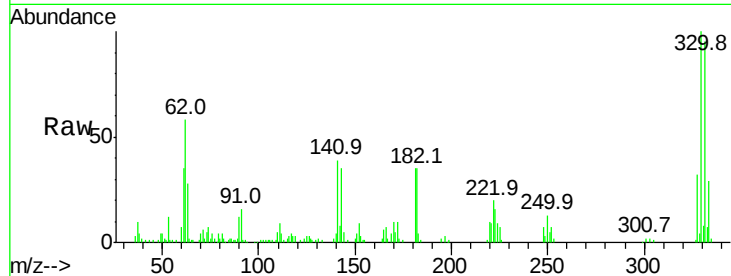




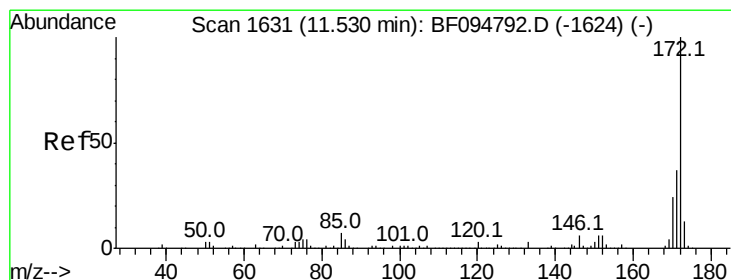
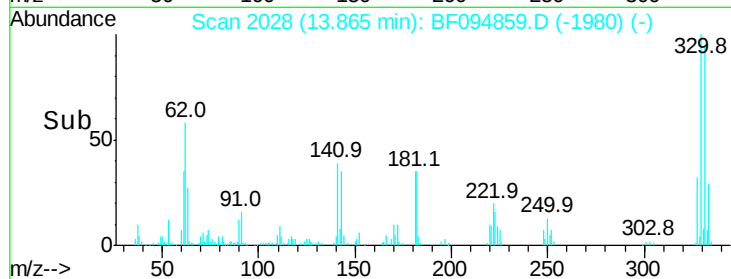
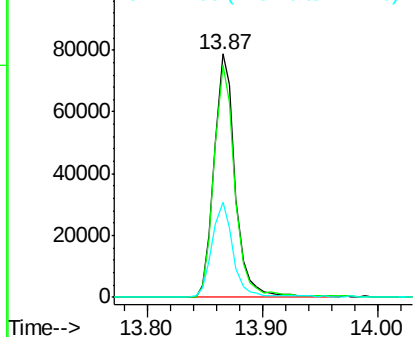
#41
 2,4,6-Tribromophenol
 Concen: 74.49 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094859.D
 Acq: 4 May 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	39.3	31.4	47.2

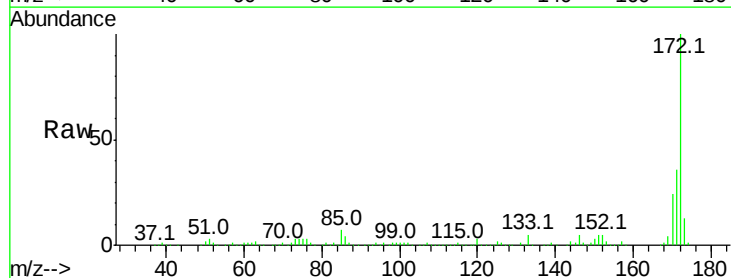


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

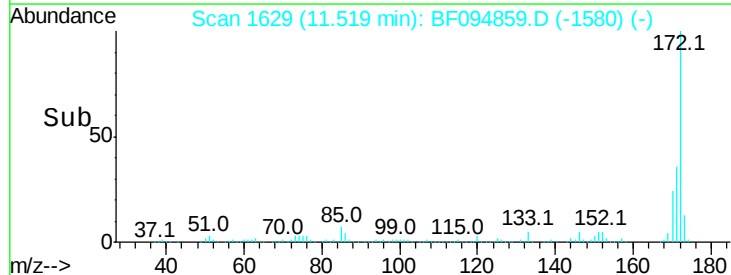
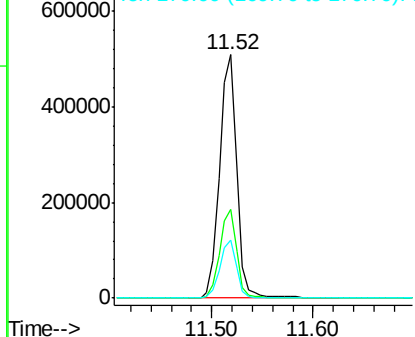


#44
 2-Fluorobiphenyl
 Concen: 52.60 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094859.D
 Acq: 4 May 2017 4:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.9	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: 2.97 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

Instrument :

BNA_F

ClientSampleId :

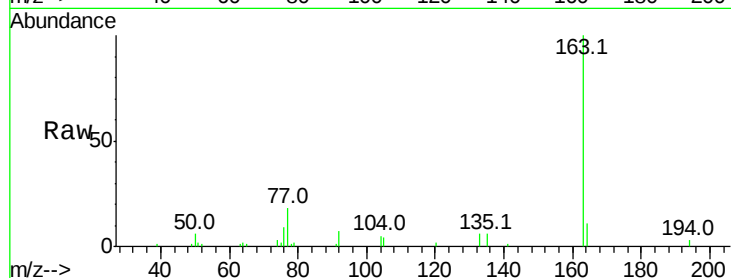
Tot Ion:163 Resp: 40048

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

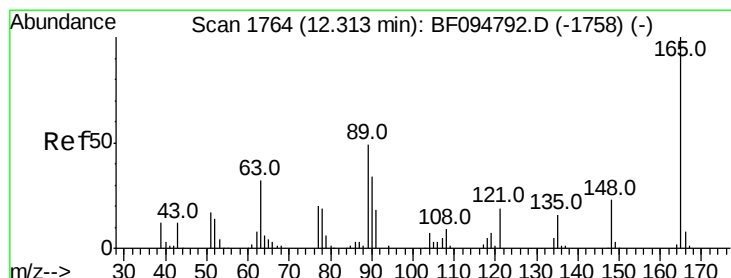
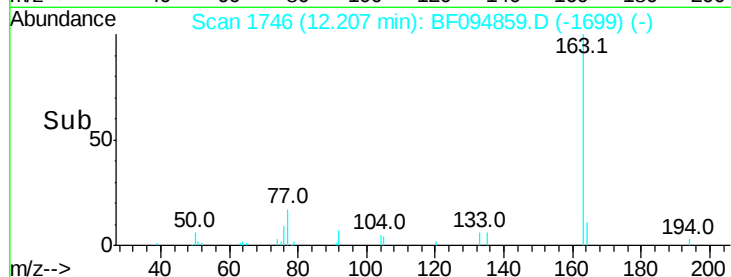
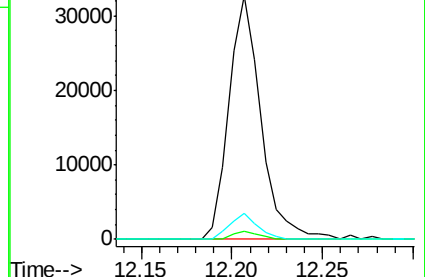
164 10.9 8.4 12.6



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: 6.87 ng

RT: 12.57 min Scan# 1808

Delta R.T. 0.26 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

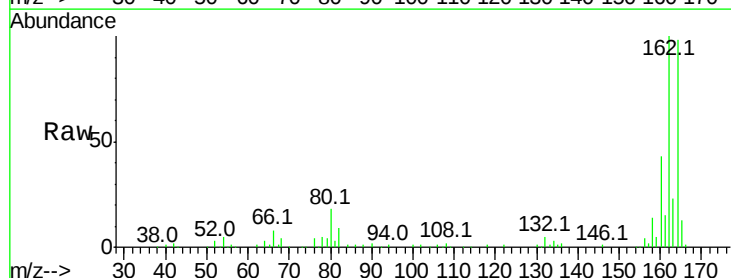
Tgt Ion:165 Resp: 18883

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

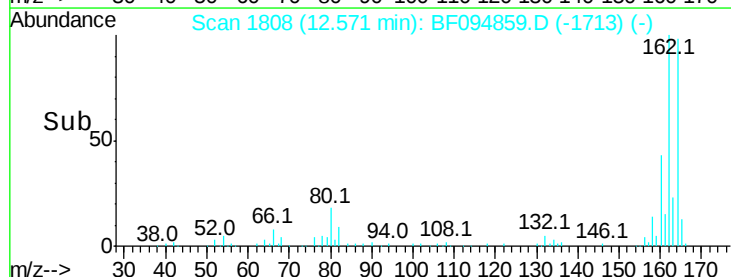
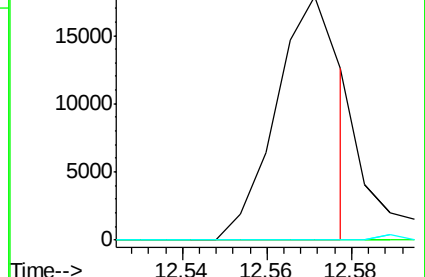
89 0.0 37.1 55.7#

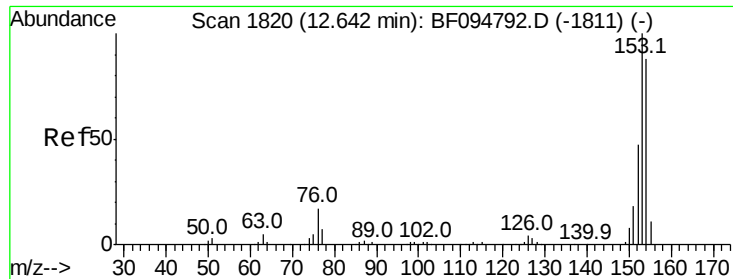


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 8.40 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

Instrument :

BNA_F

ClientSampleId :

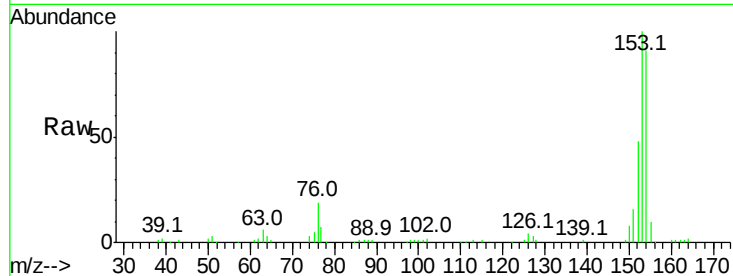
Tot Ion:154 Resp: 87671

Ion Ratio Lower Upper

154 100

153 110.4 90.5 135.7

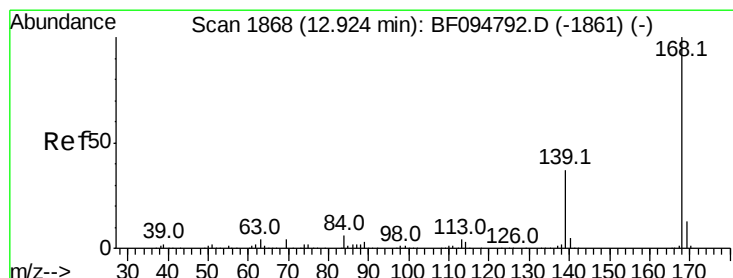
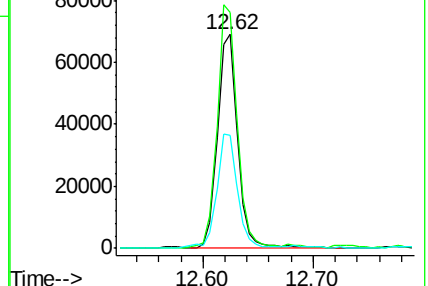
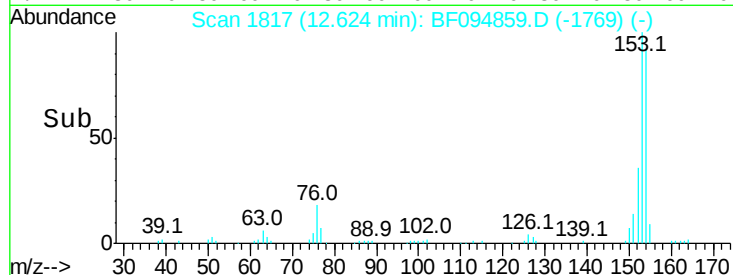
152 53.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 4.68 ng

RT: 12.91 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

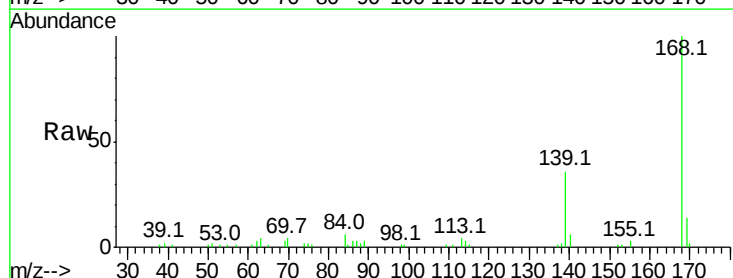
Tgt Ion:168 Resp: 67571

Ion Ratio Lower Upper

168 100

139 35.8 30.6 45.8

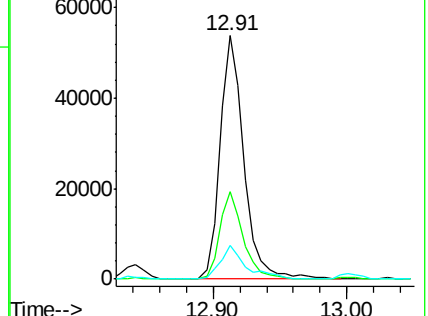
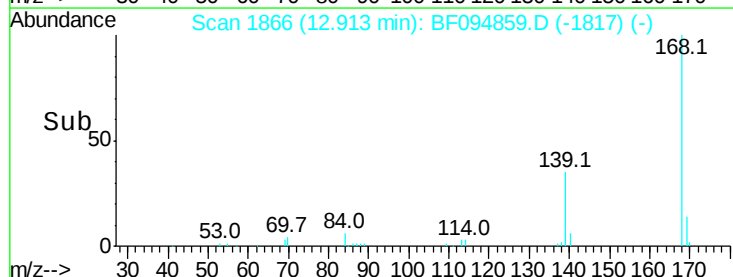
169 13.7 10.8 16.2

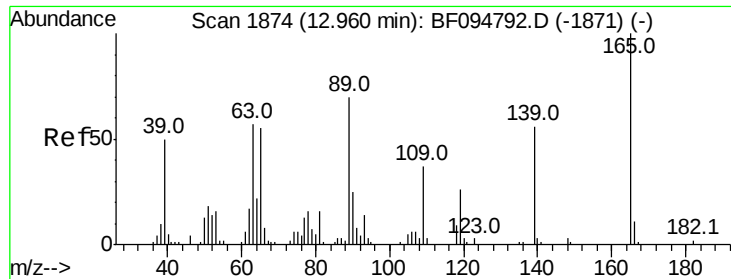


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 13.40 ng

RT: 12.91 min Scan# 1866

Delta R.T. -0.05 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

Instrument :

BNA_F

ClientSampled :

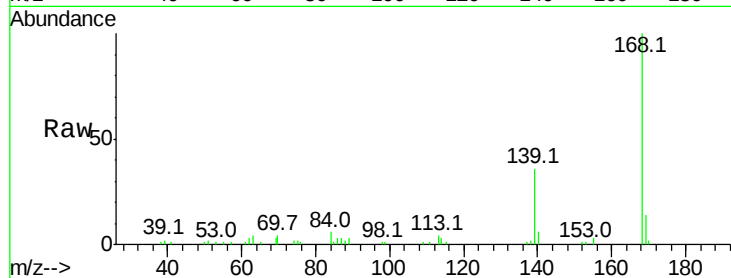
Tot Ion:139 Resp: 23730

Ion Ratio Lower Upper

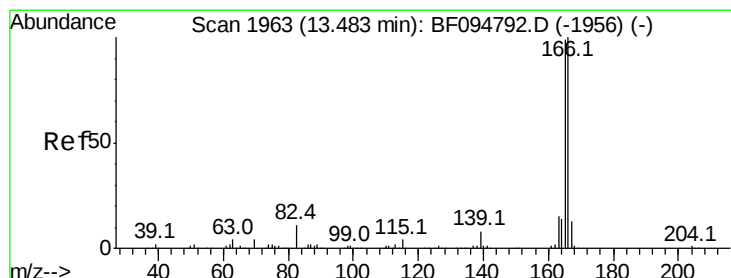
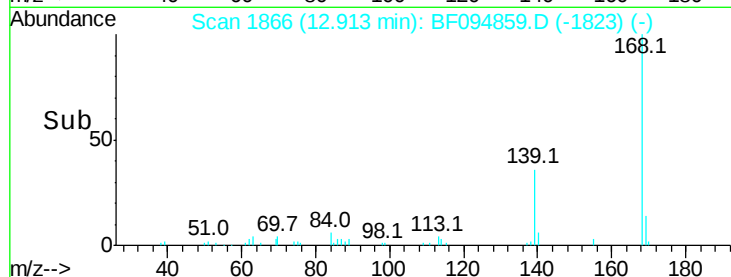
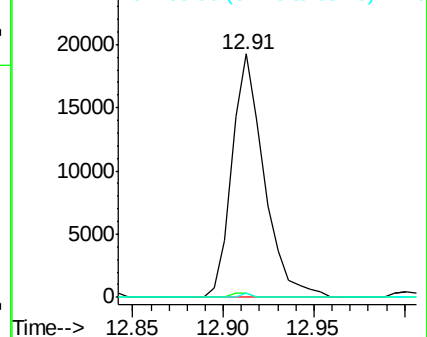
139 100

109 1.7 34.1 74.1#

65 1.8 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#57

Fluorene

Concen: 11.52 ng

RT: 13.47 min Scan# 1960

Delta R.T. -0.02 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

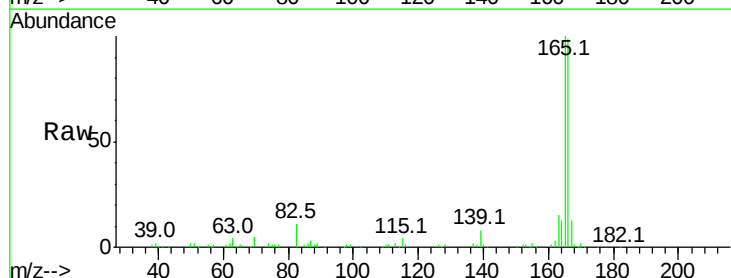
Tgt Ion:166 Resp: 144621

Ion Ratio Lower Upper

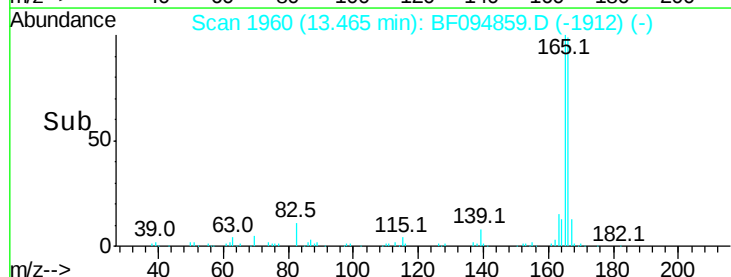
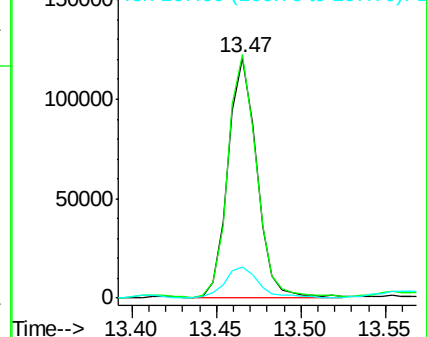
166 100

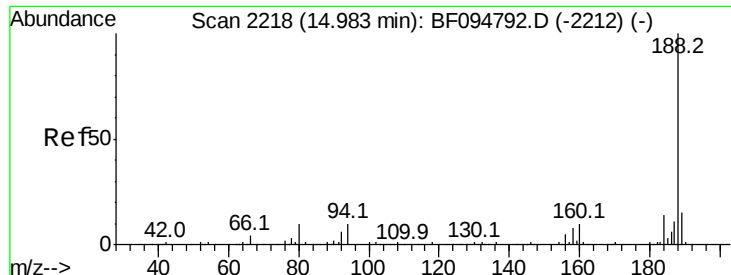
165 101.3 78.8 118.2

167 12.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

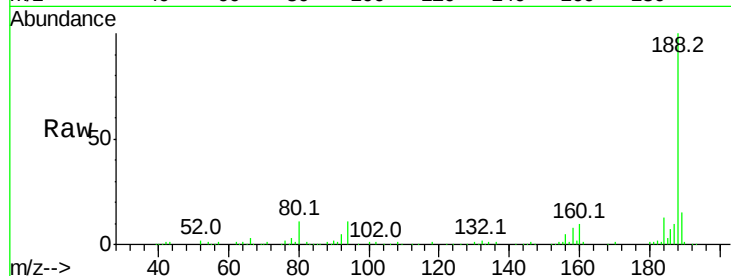




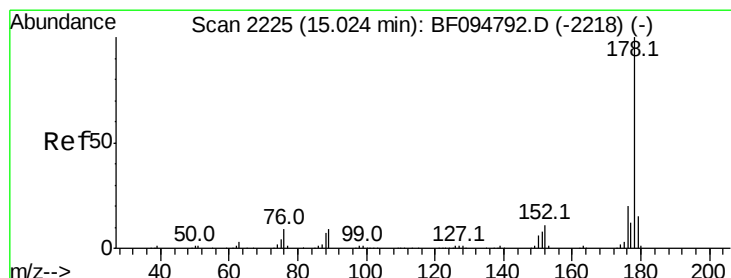
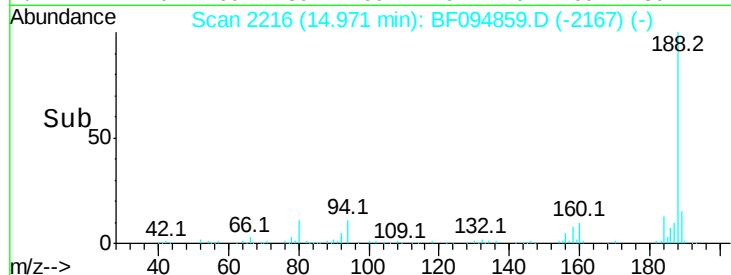
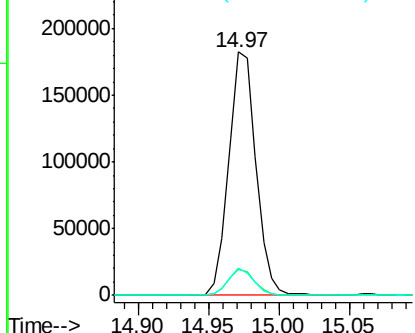
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094859.D
Acq: 4 May 2017 4:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 245470
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.4 10.2 15.2

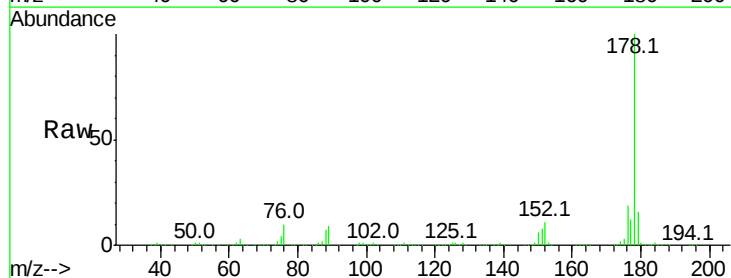


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

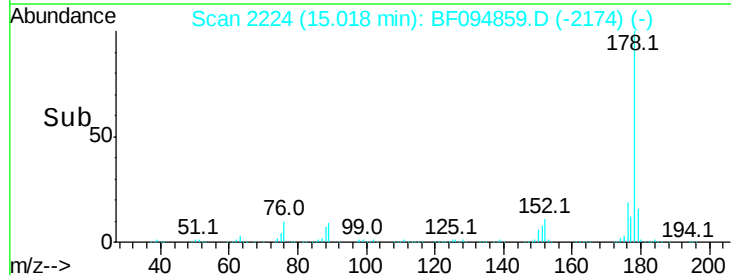
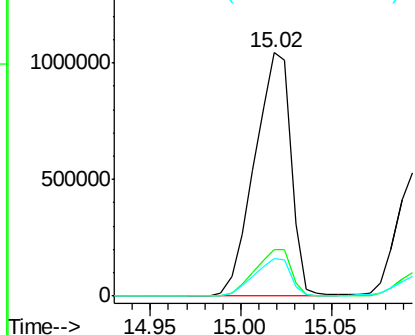


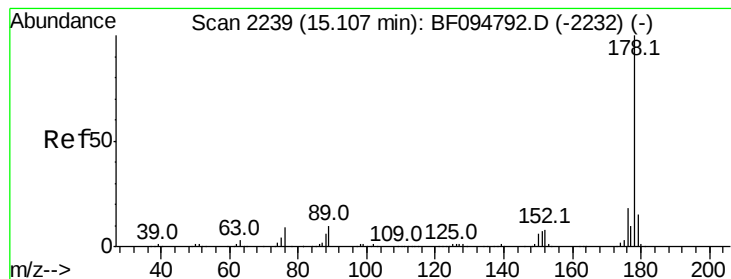
#70
Phenanthrene
Concen: 103.42 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF094859.D
Acq: 4 May 2017 4:33

Tgt Ion:178 Resp: 1458633
Ion Ratio Lower Upper
178 100
176 19.2 16.2 24.4
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 43.05 ng

RT: 15.09 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

Instrument :

BNA_F

ClientSampleId :

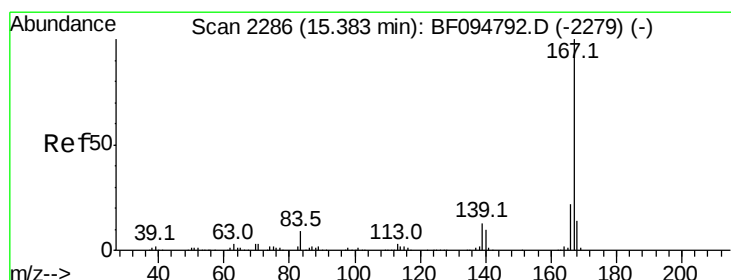
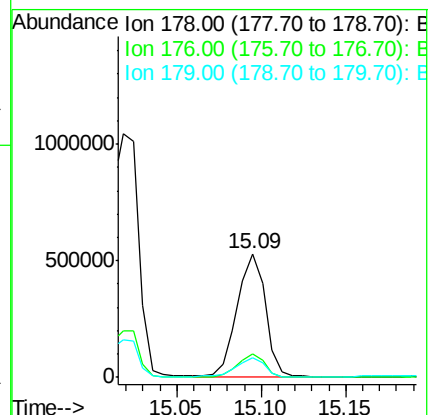
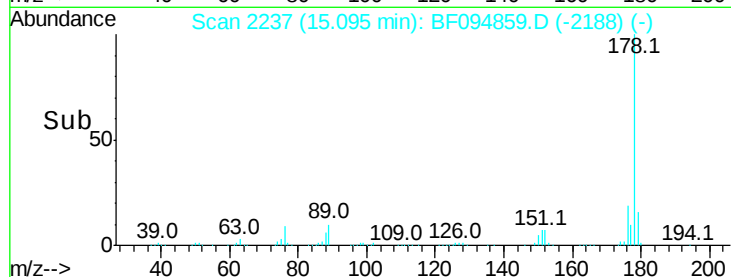
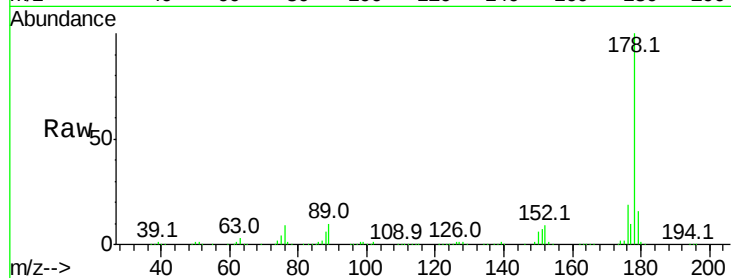
Tot Ion:178 Resp: 620168

Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.8

179 15.9 12.7 19.1



#72

Carbazole

Concen: 4.06 ng

RT: 15.37 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

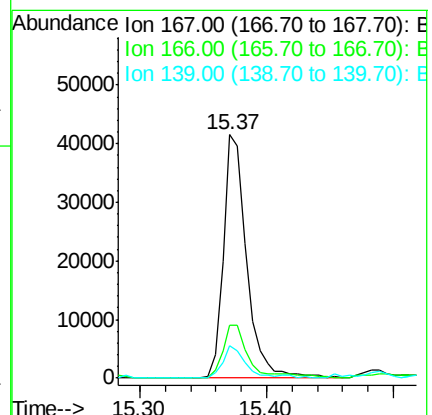
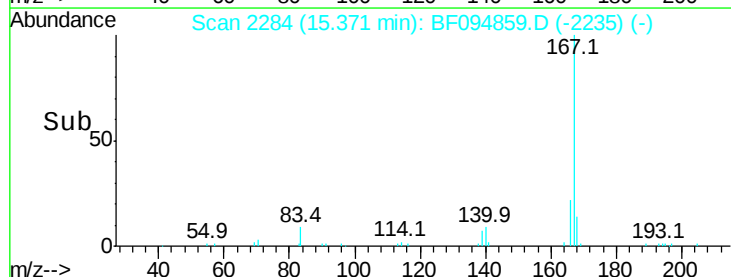
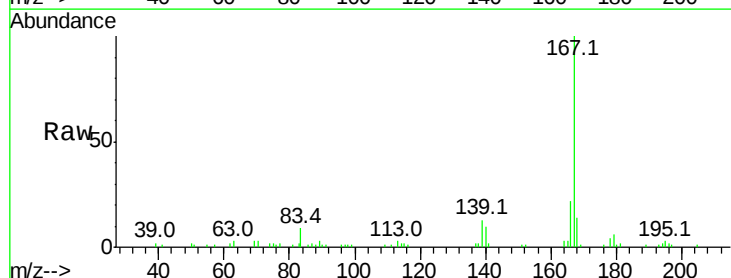
Tgt Ion:167 Resp: 53242

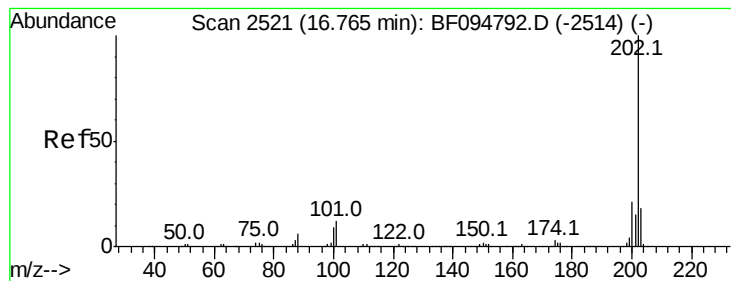
Ion Ratio Lower Upper

167 100

166 21.9 18.1 27.1

139 13.5 11.7 17.5





#74

Fluoranthene

Concen: 186.74 ng

RT: 16.78 min Scan# 2523

Delta R.T. 0.01 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

Instrument :

BNA_F

ClientSampleId :

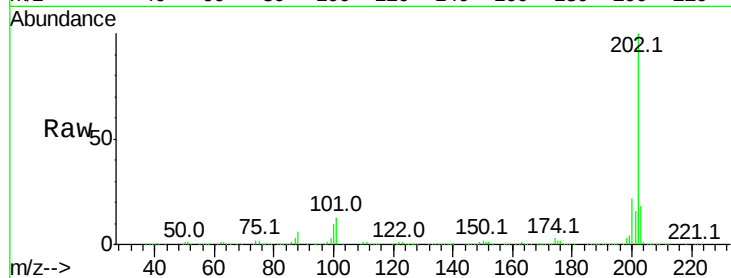
Tot Ion:202 Resp: 2701735

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.2

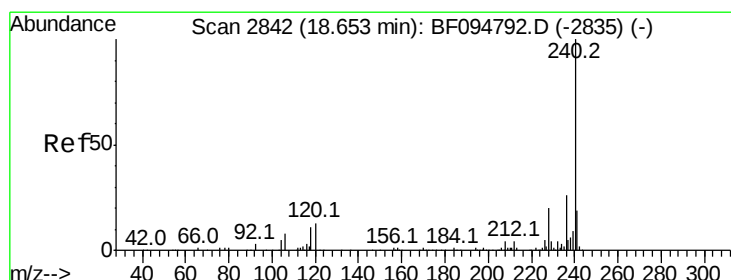
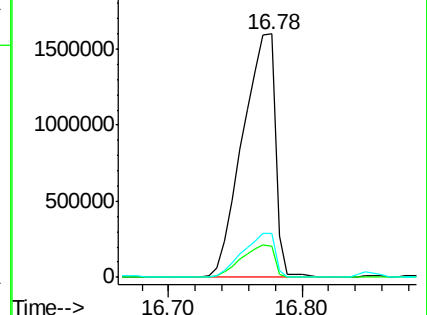
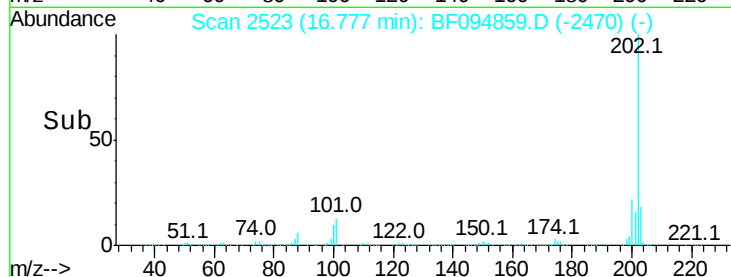
203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.65 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

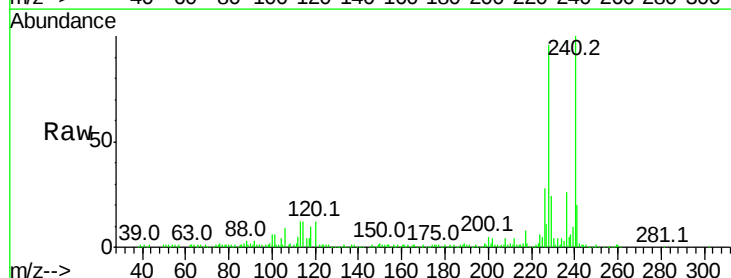
Tgt Ion:240 Resp: 188958

Ion Ratio Lower Upper

240 100

120 12.1 5.8 8.8#

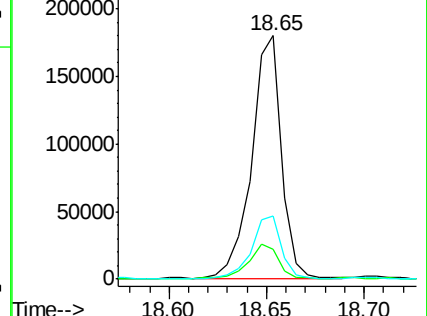
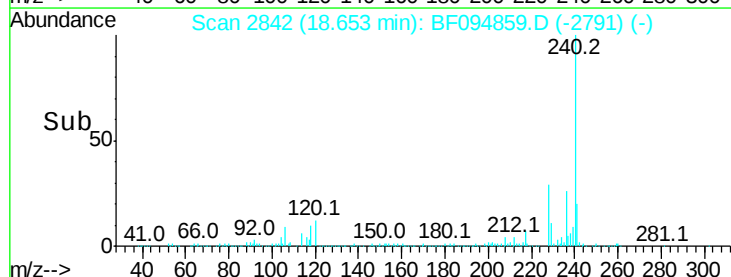
236 25.7 20.5 30.7

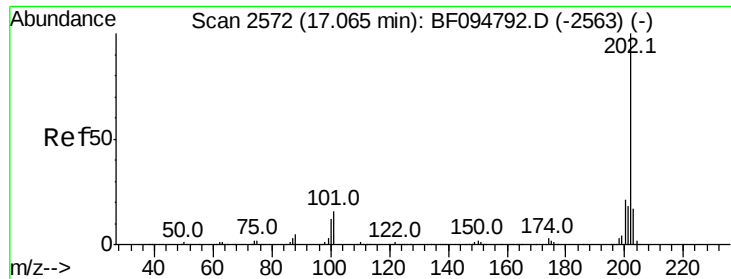


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 157.34 ng

RT: 17.08 min Scan# 2574

Delta R.T. 0.01 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

Instrument :

BNA_F

ClientSampleId :

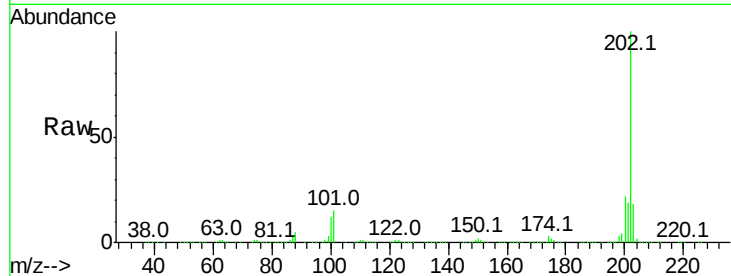
Tot Ion:202 Resp: 2223478

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

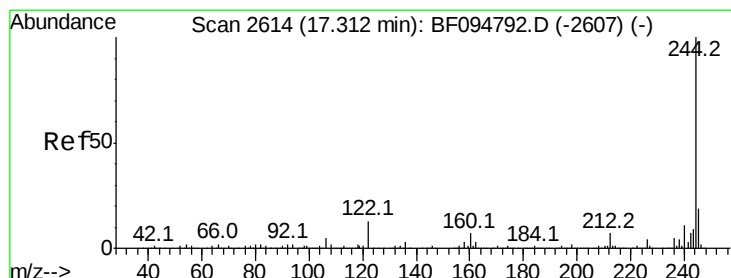
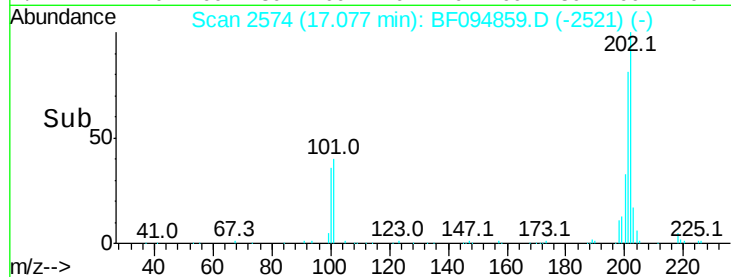
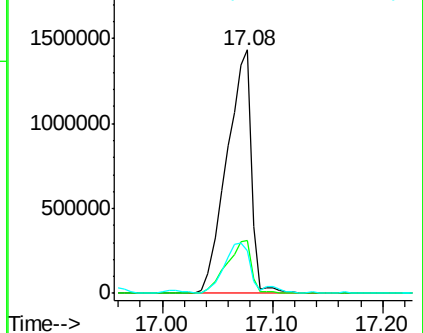
203 17.6 14.4 21.6



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: 42.58 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

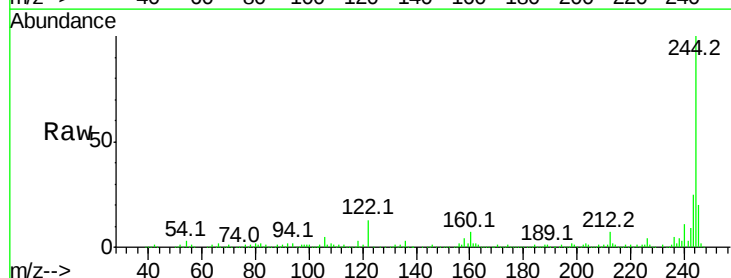
Tgt Ion:244 Resp: 365265

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

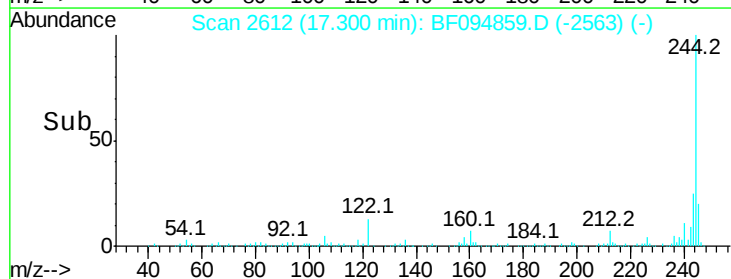
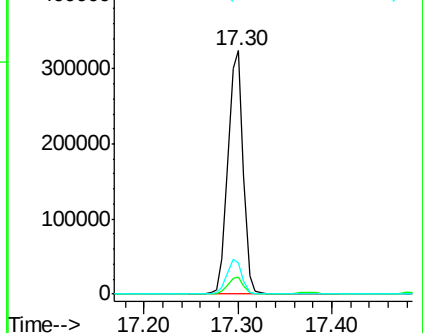
122 13.0 10.3 15.5

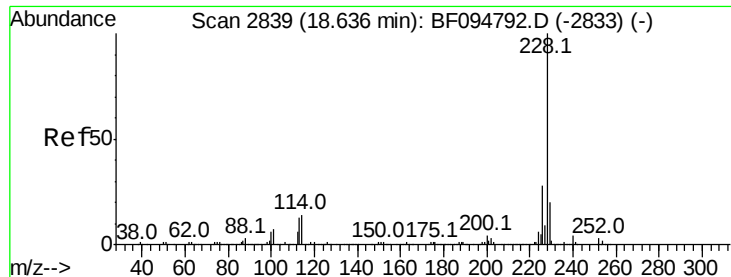


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

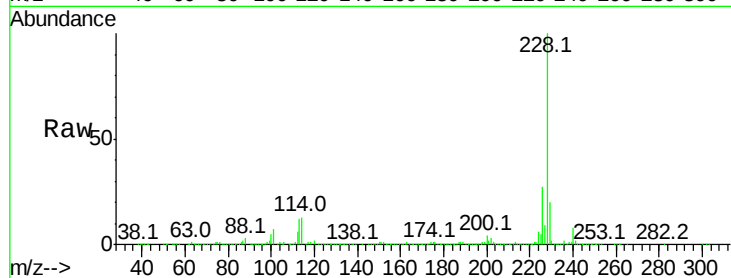




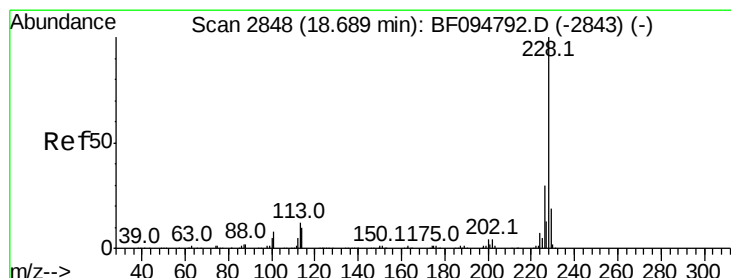
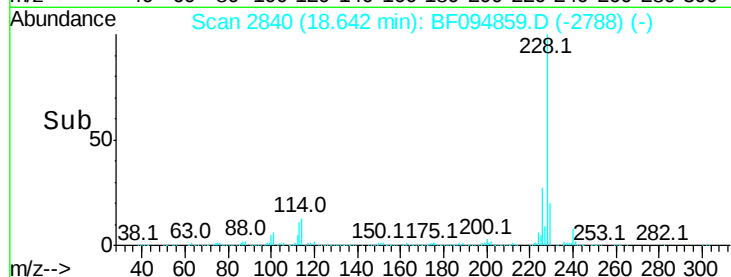
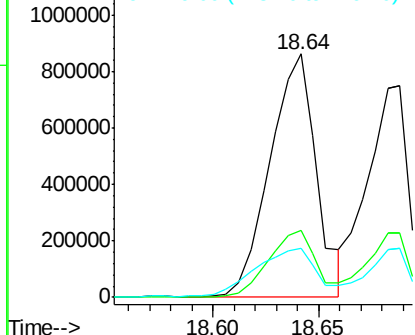
#80
Benzo(a)anthracene
Concen: 119.60 ng
RT: 18.64 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BF094859.D
Acq: 4 May 2017 4:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 1315237
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 20.2 16.3 24.5

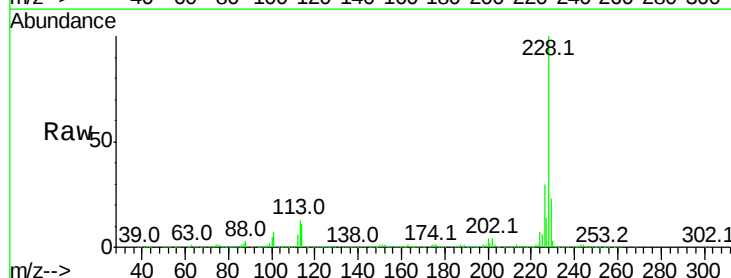


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

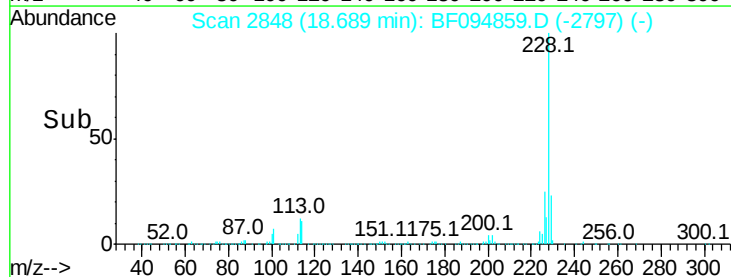
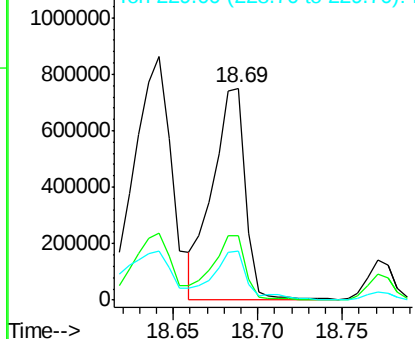


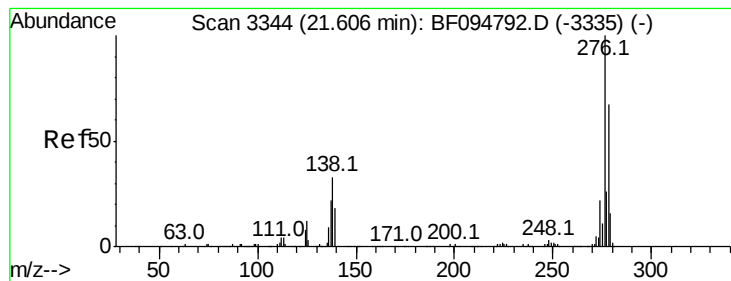
#82
Chrysene
Concen: 94.58 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BF094859.D
Acq: 4 May 2017 4:33

Tgt Ion:228 Resp: 1005731
Ion Ratio Lower Upper
228 100
226 30.4 24.9 37.3
229 23.2 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.93 ng

RT: 21.61 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

Instrument :

BNA_F

ClientSampleId :

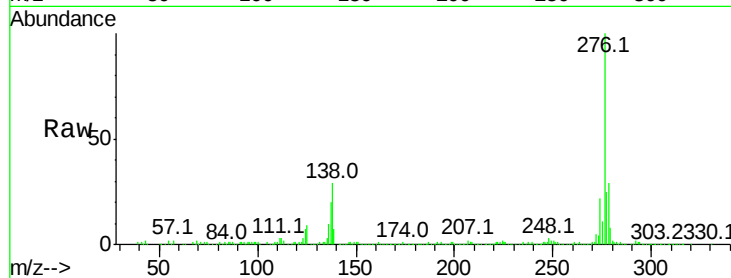
Tot Ion:276 Resp: 379322

Ion Ratio Lower Upper

276 100

138 28.1 27.8 41.6

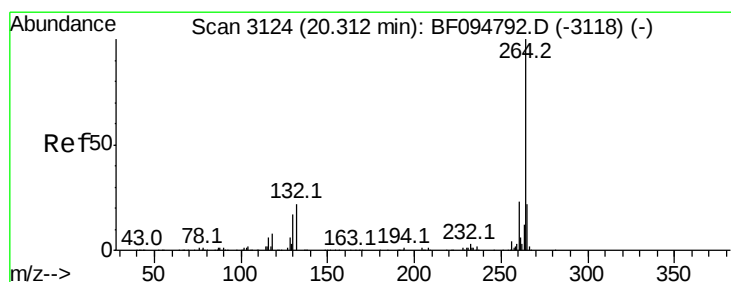
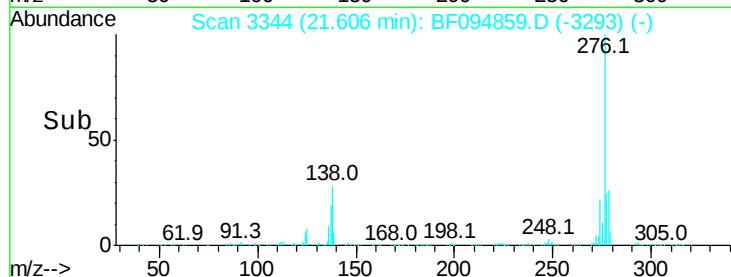
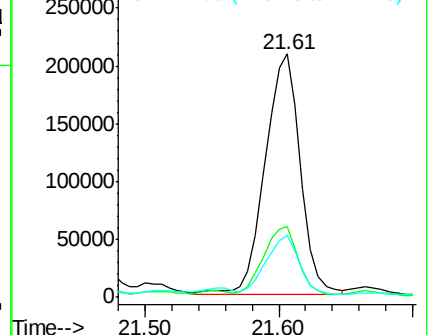
277 24.0 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.31 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

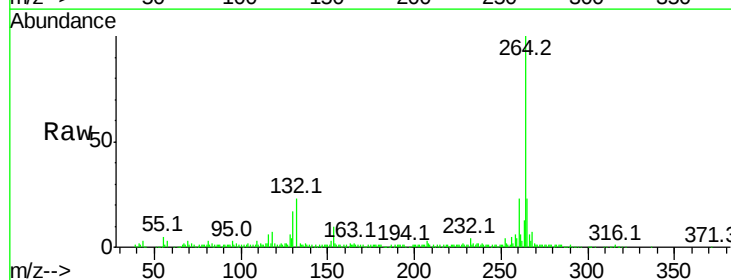
Tgt Ion:264 Resp: 162119

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

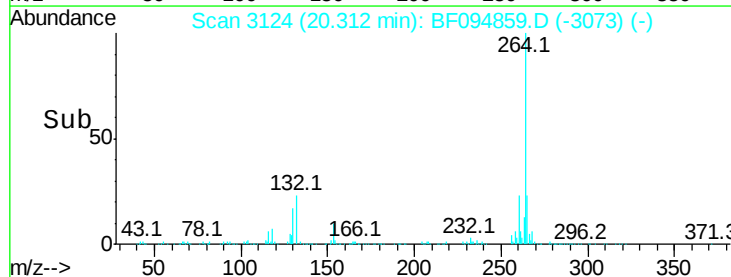
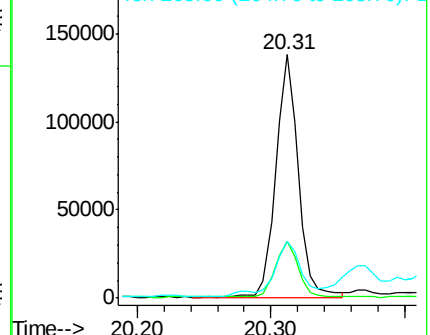
265 23.5 17.2 25.8

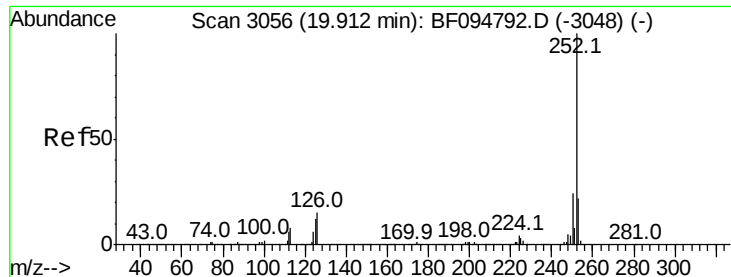


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 158.63 ng

RT: 19.92 min Scan# 3057

Delta R.T. 0.01 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

Instrument :

BNA_F

ClientSampleId :

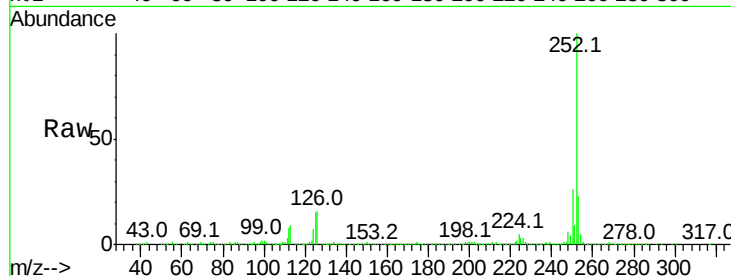
Tot Ion:252 Resp: 1589097

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

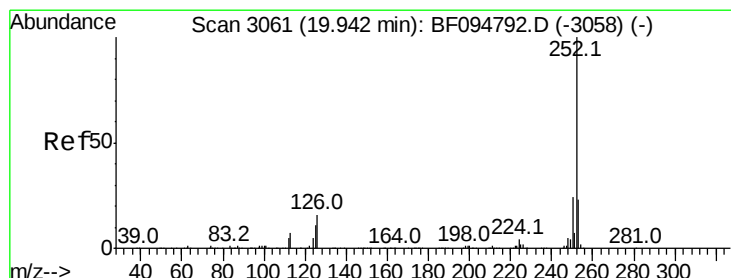
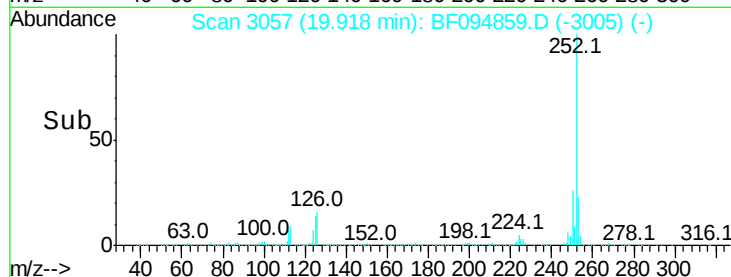
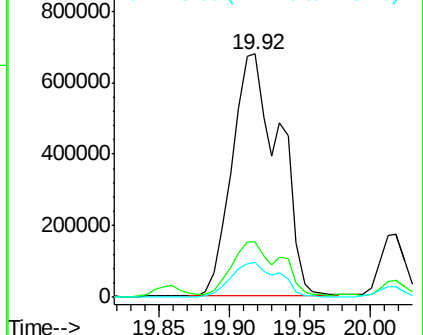
125 14.6 9.8 14.8



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: 164.45 ng

RT: 19.92 min Scan# 3057

Delta R.T. -0.02 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

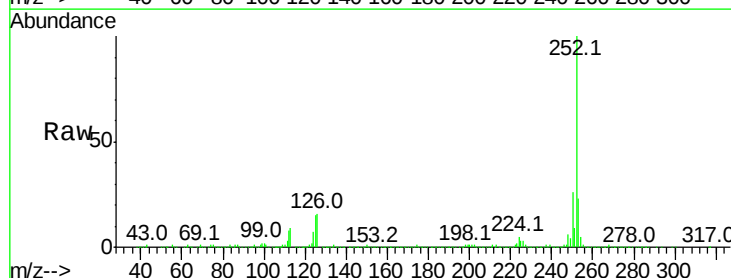
Tgt Ion:252 Resp: 1589097

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

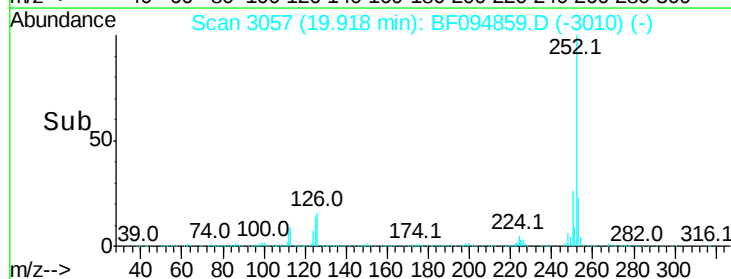
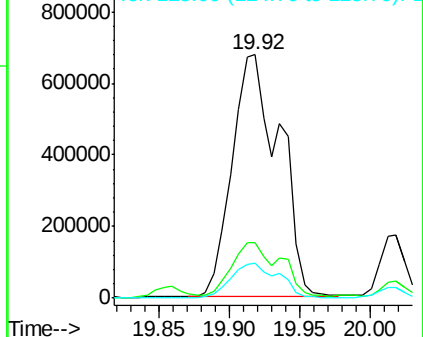
125 14.6 13.1 19.7

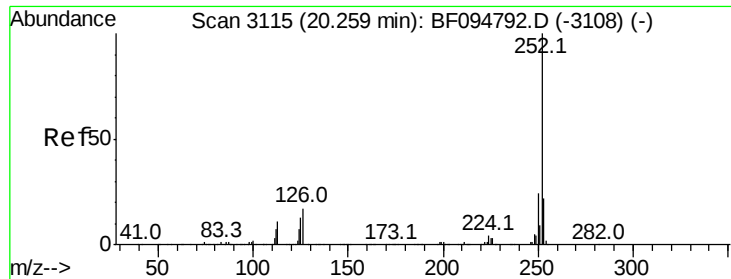


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 89.44 ng

RT: 20.26 min Scan# 3116

Delta R.T. 0.01 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

Instrument :

BNA_F

ClientSampleId :

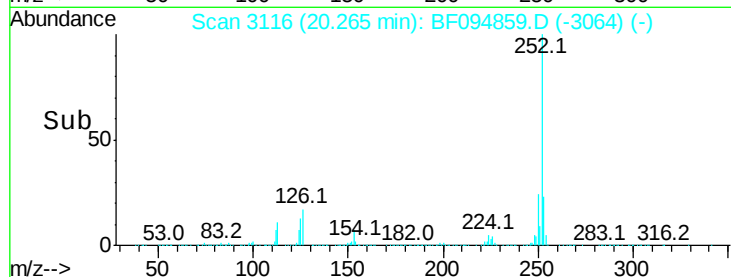
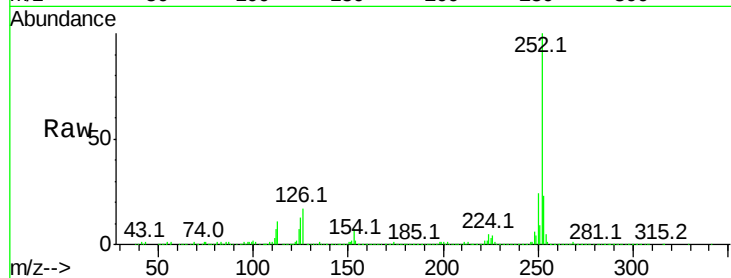
Tot Ion:252 Resp: 826726

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

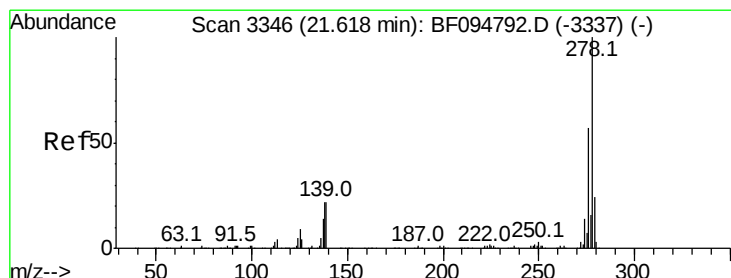
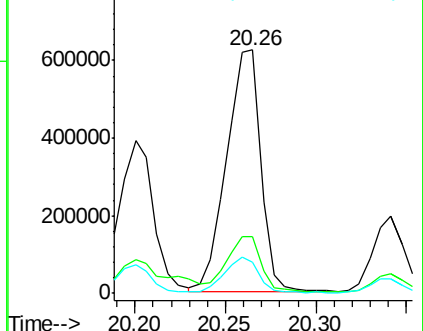
125 12.8 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 12.24 ng

RT: 21.75 min Scan# 3368

Delta R.T. 0.13 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

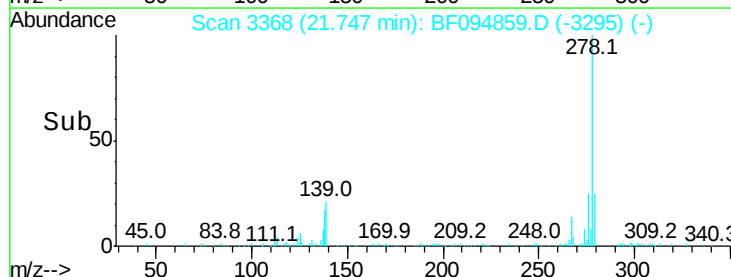
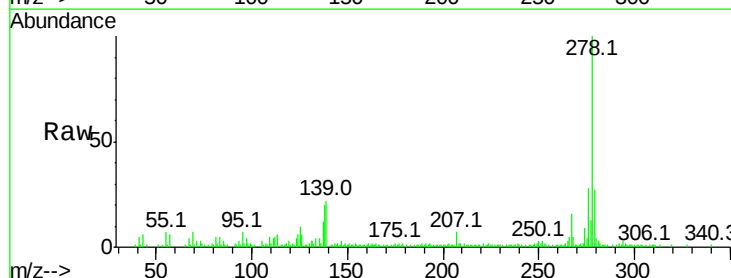
Tgt Ion:278 Resp: 93435

Ion Ratio Lower Upper

278 100

139 22.5 16.6 24.8

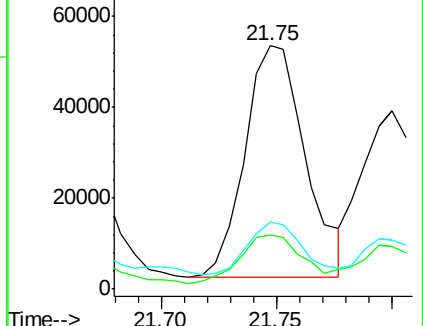
279 27.3 19.3 28.9

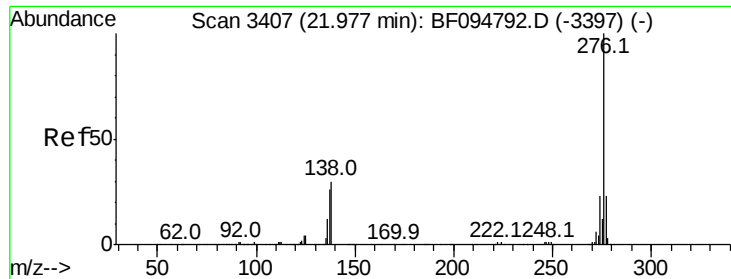


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.95 ng

RT: 21.98 min Scan# 3408

Delta R.T. 0.01 min

Lab File: BF094859.D

Acq: 4 May 2017 4:33

Instrument :

BNA_F

ClientSampleId :

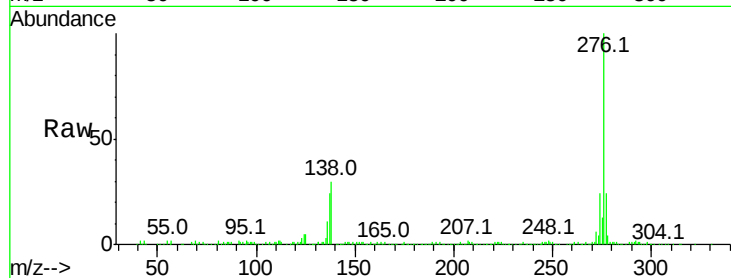
Tot Ion: 276 Resp: 344274

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 29.6 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

