

Data Path : Z:\HPCHEM1\BNA_F\Data\BF011215\
 Data File : BF076831.D
 Acq On : 13 Jan 2015 5:53
 Operator : IZ / TP
 Sample : G1030-09 5X
 Misc : S
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-SS-3(7-7.5)

Quant Time: Jan 13 08:18:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	31788	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	128007	20.00	ng	0.00
38) Acenaphthene-d10	15.13	164	67818	20.00	ng	0.00
63) Phenanthrene-d10	17.87	188	109427	20.00	ng	0.01
75) Chrysene-d12	21.37	240	112697	20.00	ng	0.02
86) Perylene-d12	23.02	264	107305	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	42149	22.13	ng	-0.01
7) Phenol-d6	7.49	99	54455	22.71	ng	-0.01
23) Nitrobenzene-d5	9.37	82	32185	13.97	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	11640	20.56	ng	-0.01
44) 2-Fluorobiphenyl	13.64	172	61052	13.25	ng	-0.01
78) Terphenyl-d14	20.08	244	58582	11.41	ng	0.01

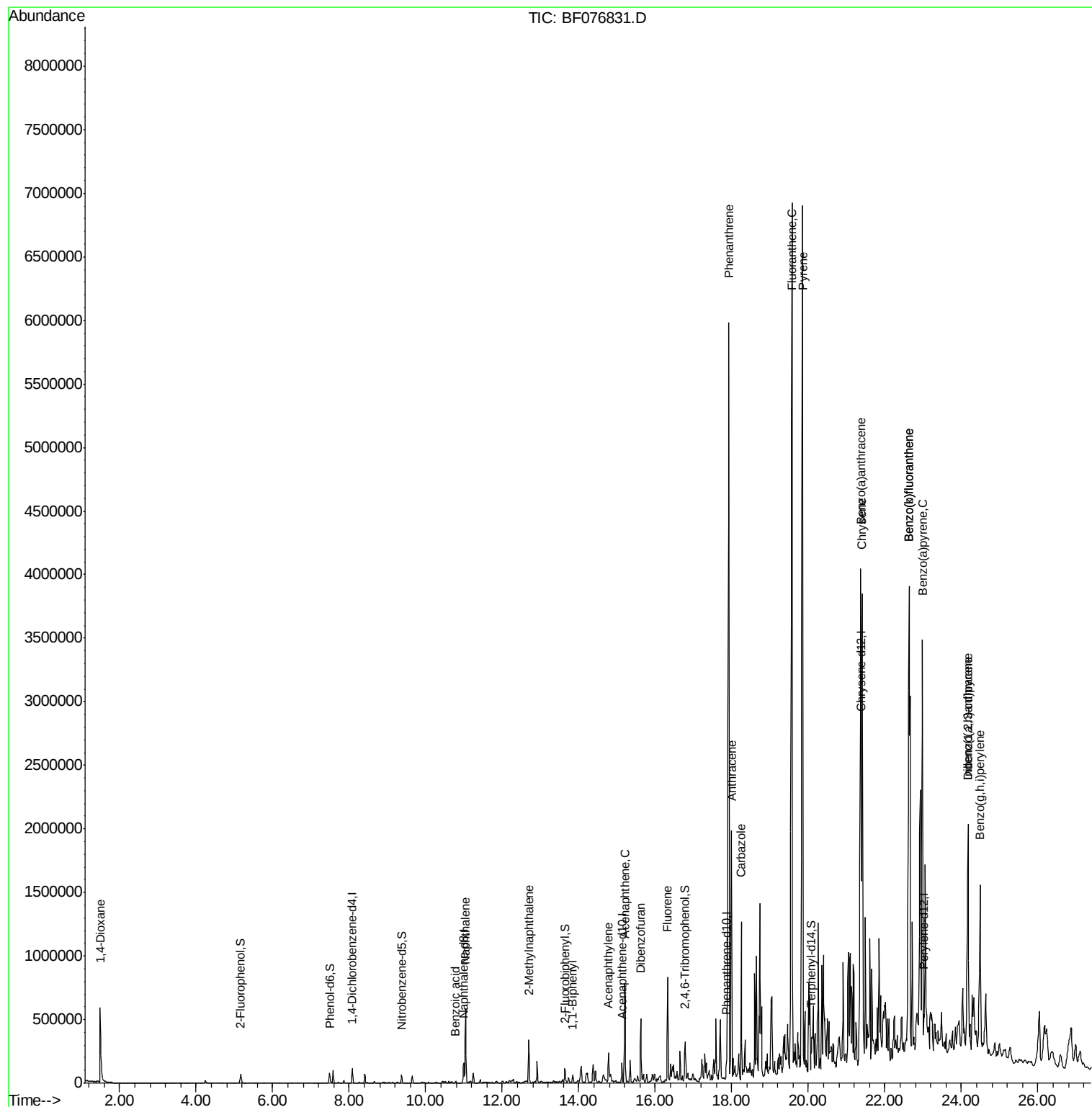
Target Compounds						Qvalue
2) 1,4-Dioxane	1.49	88	25469	31.35	ng	# 14
31) Naphthalene	11.04	128	407941	62.12	ng	99
32) Benzoic acid	10.78	122	2475	2.81	ng	# 19
37) 2-Methylnaphthalene	12.70	142	115838	25.14	ng	98
45) 1,1'-Biphenyl	13.84	154	36815	7.06	ng	96
48) Acenaphthylene	14.78	152	182788	25.74	ng	99
51) Acenaphthene	15.20	154	308928	77.02	ng	99
54) Dibenzofuran	15.63	168	305579	52.07	ng	99
57) Fluorene	16.32	166	363836	74.24	ng	99
70) Phenanthrene	17.92	178	4037566	592.08	ng	96
71) Anthracene	17.99	178	1265090	191.00	ng	99
72) Carbazole	18.25	167	557849	85.91	ng	98
74) Fluoranthene	19.57	202	5329071	762.98	ng	92
77) Pyrene	19.85	202	4597833	567.01	ng	# 88
80) Benzo(a)anthracene	21.36	228	2933980	408.67	ng	# 94
82) Chrysene	21.41	228	2157733	332.17	ng	# 94
85) Indeno(1,2,3-cd)pyrene	24.17	276	1153631	179.46	ng	# 100
87) Benzo(b)fluoranthene	22.63	252	3016017	405.78	ng	94
88) Benzo(k)fluoranthene	22.63	252	3736191	575.04	ng	# 95
89) Benzo(a)pyrene	22.99	252	1961151	307.05	ng	# 91
90) Dibenzo(a,h)anthracene	24.17	278	267325	45.94	ng	# 85
91) Benzo(g,h,i)perylene	24.48	276	1033807	174.07	ng	96

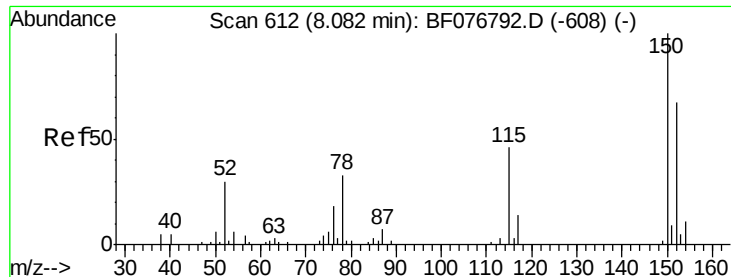
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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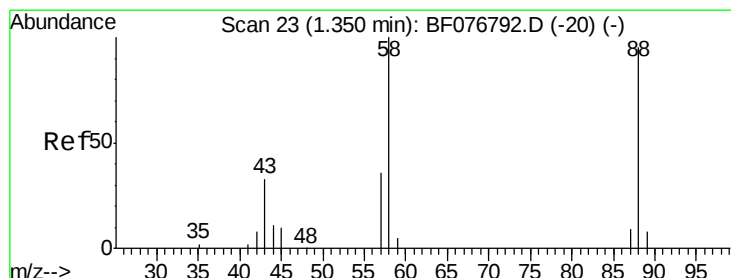
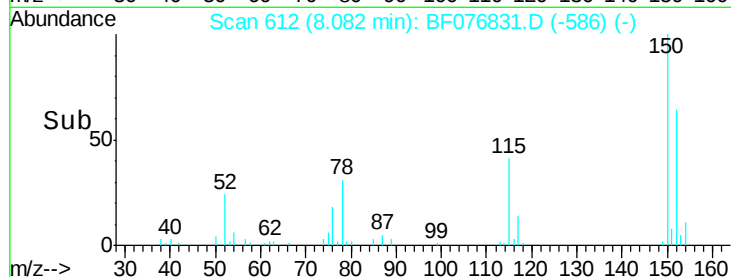
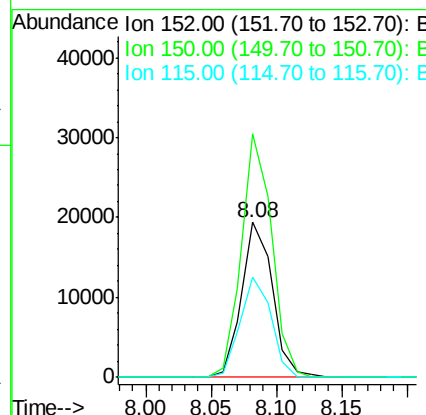
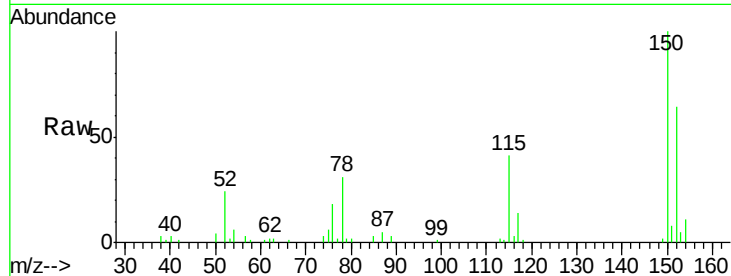




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF076831.D
 Acq: 13 Jan 2015 5:53

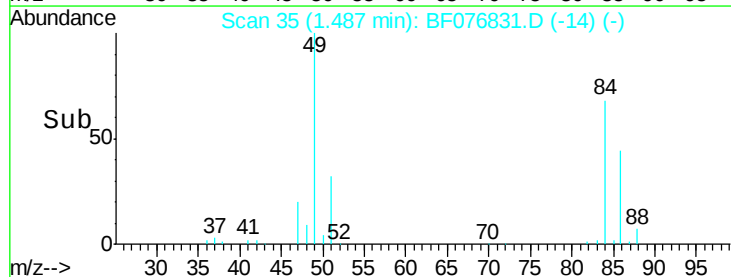
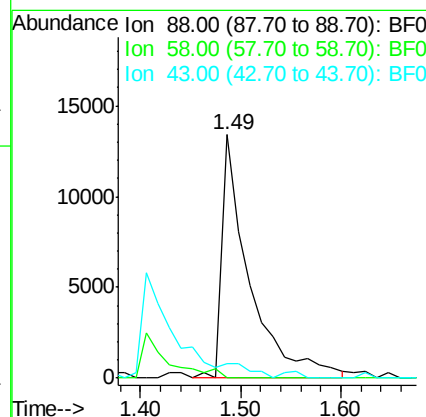
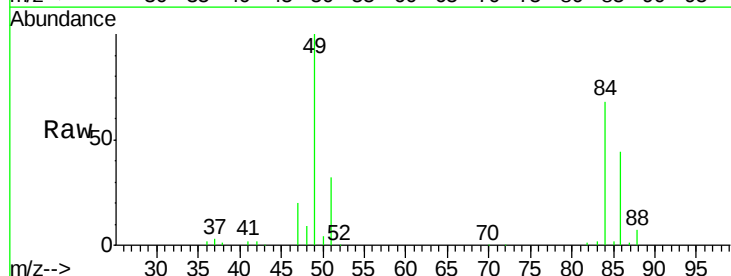
Instrument :
 BNA_F
 ClientSampleId :
 TP3-SS-3(7-7.5)

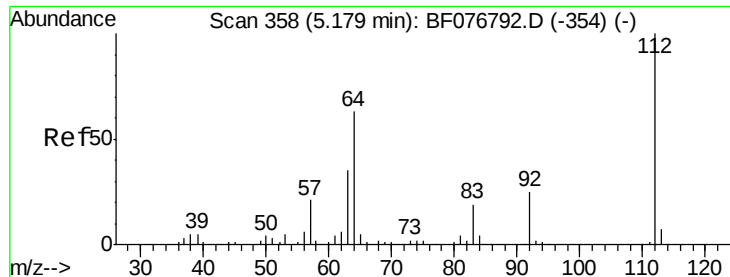
Tgt Ion:152 Resp: 31788
 Ion Ratio Lower Upper
 152 100
 150 156.9 119.5 179.3
 115 64.9 54.6 81.8



#2
 1,4-Dioxane
 Concen: 31.35 ng
 RT: 1.49 min Scan# 35
 Delta R.T. 0.14 min
 Lab File: BF076831.D
 Acq: 13 Jan 2015 5:53

Tgt Ion: 88 Resp: 25469
 Ion Ratio Lower Upper
 88 100
 58 0.0 72.4 108.6#
 43 0.0 24.0 36.0#





#5

2-Fluorophenol

Concen: 22.13 ng

RT: 5.17 min Scan# 357

Delta R.T. -0.01 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

Instrument :

BNA_F

ClientSampleId :

TP3-SS-3(7-7.5)

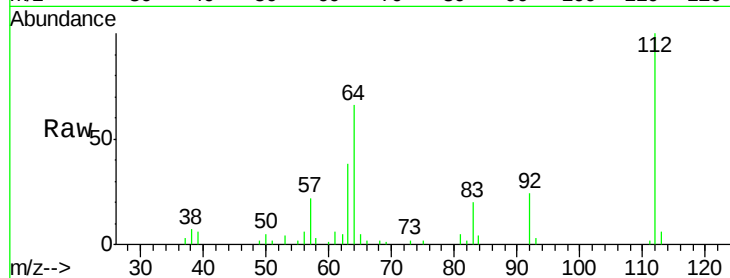
Tgt Ion: 112 Resp: 42149

Ion Ratio Lower Upper

112 100

64 65.6 50.2 75.4

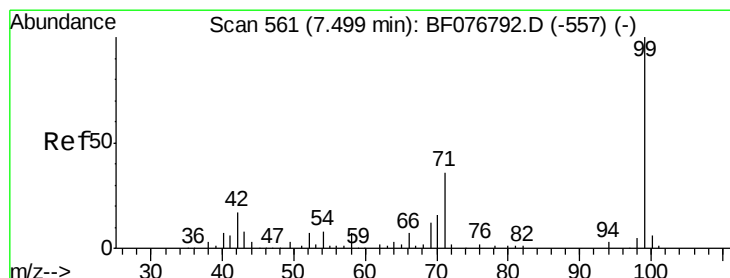
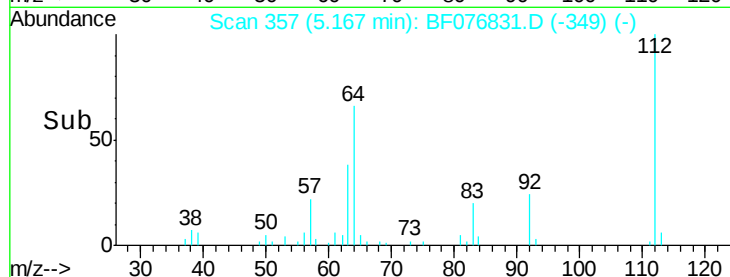
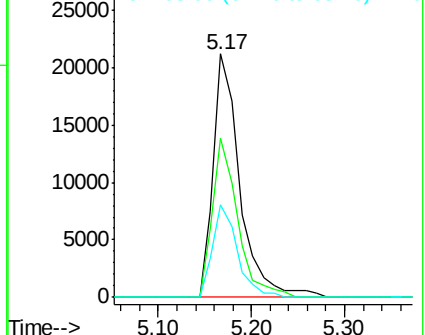
63 38.2 27.8 41.6



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 22.71 ng

RT: 7.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

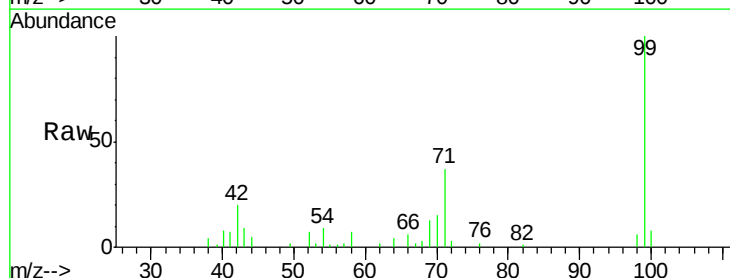
Tgt Ion: 99 Resp: 54455

Ion Ratio Lower Upper

99 100

42 20.3 13.3 19.9#

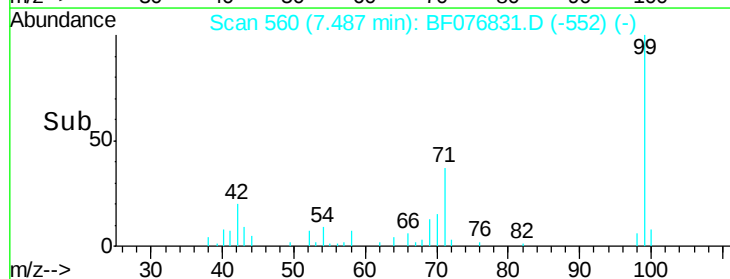
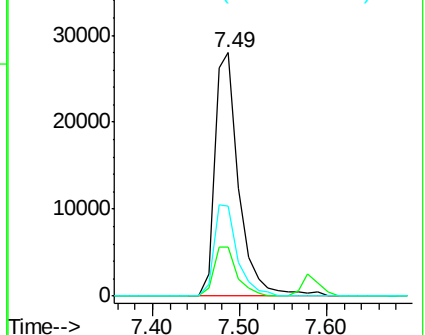
71 36.9 29.2 43.8

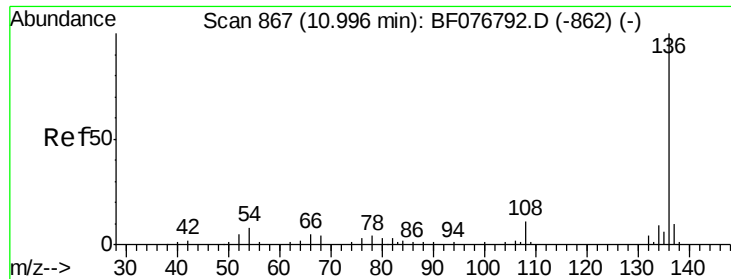


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

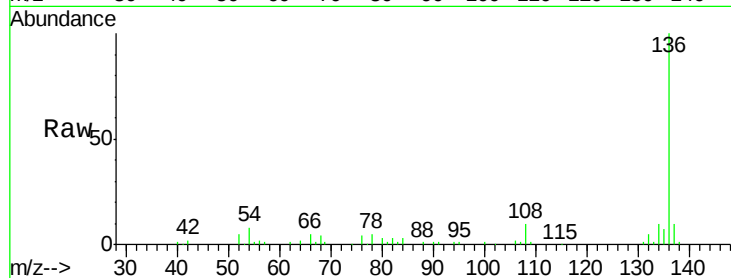




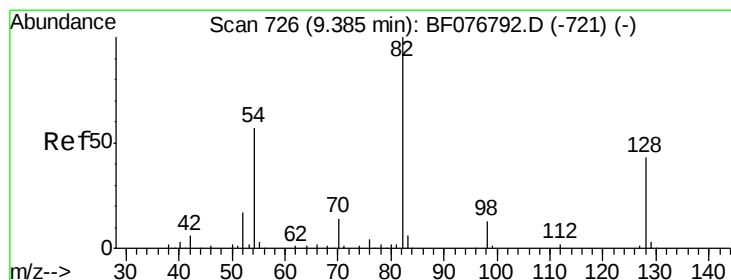
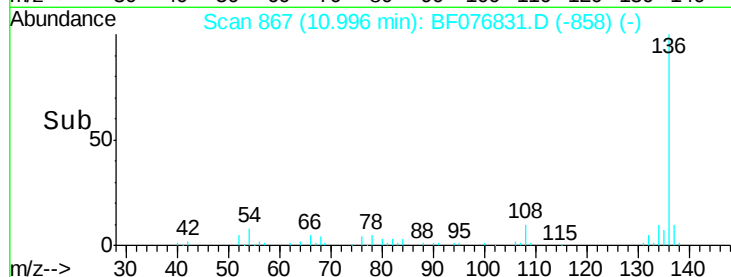
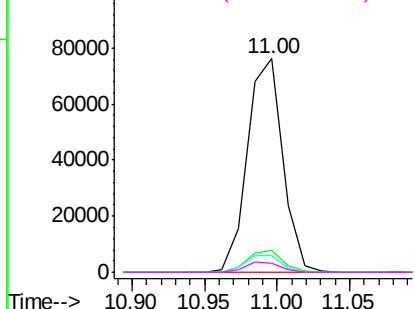
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF076831.D
Acq: 13 Jan 2015 5:53

Instrument :
BNA_F
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TP3-SS-3(7-7.5)

Tgt Ion:	136	Resp:	128007
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.1	12.1
54	7.8	6.3	9.5
68	5.0	3.4	5.0

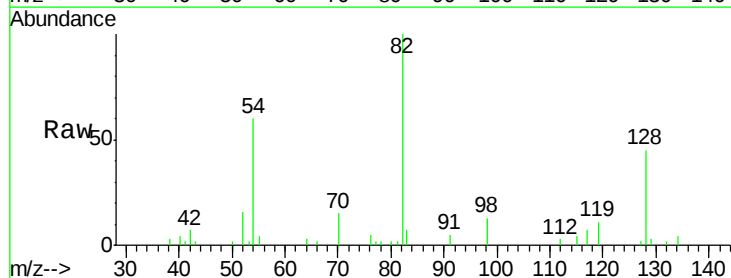


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

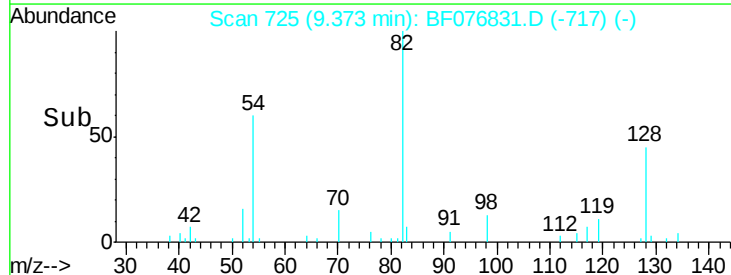
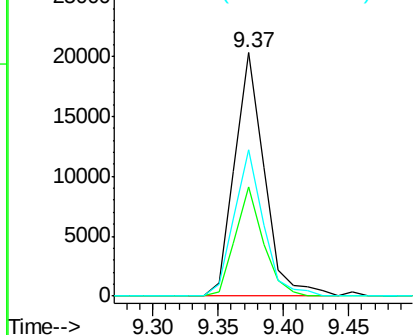


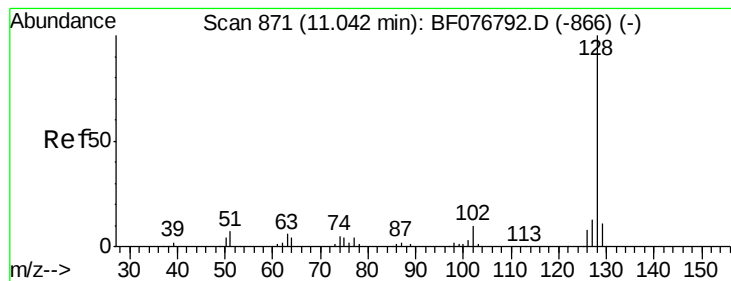
#23
Nitrobenzene-d5
Concen: 13.97 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076831.D
Acq: 13 Jan 2015 5:53

Tgt Ion:	82	Resp:	32185
Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.0	51.0
54	60.3	45.6	68.4



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





#31

Naphthalene

Concen: 62.12 ng

RT: 11.04 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

Instrument :

BNA_F

ClientSampleId :

TP3-SS-3(7-7.5)

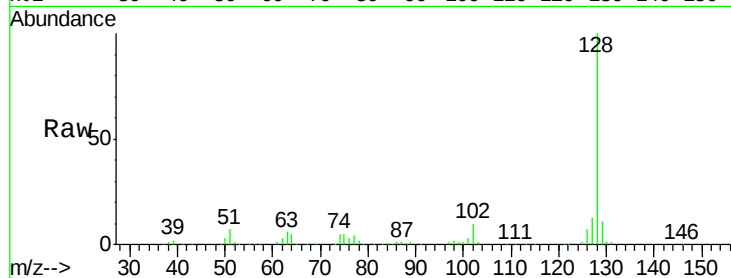
Tgt Ion:128 Resp: 407941

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

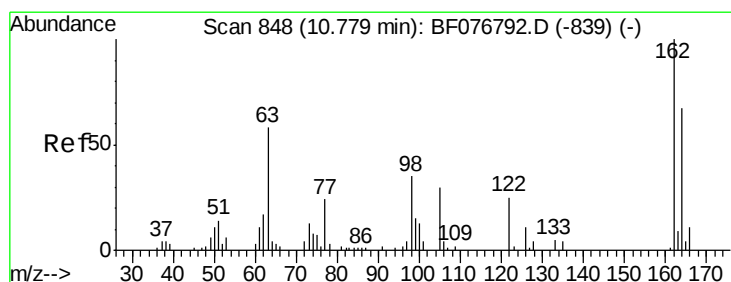
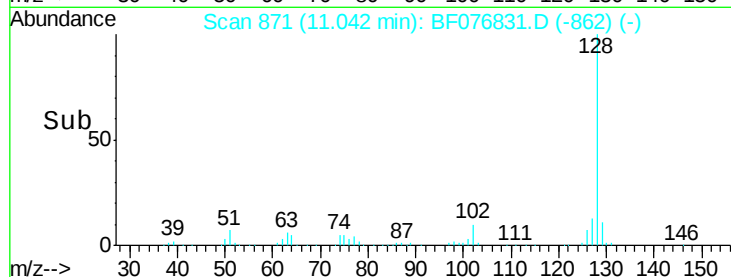
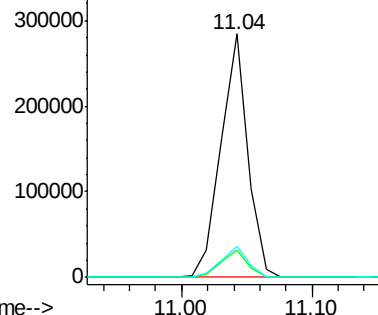
127 13.0 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.81 ng

RT: 10.78 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

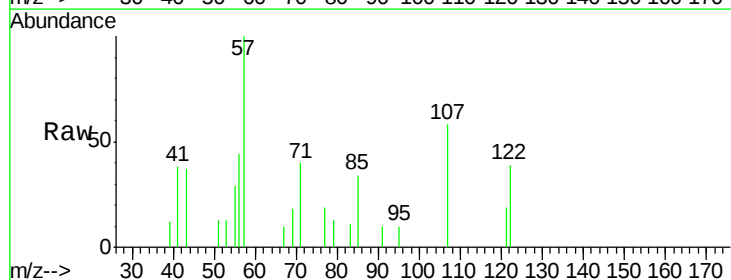
Tgt Ion:122 Resp: 2475

Ion Ratio Lower Upper

122 100

105 0.0 101.8 141.8#

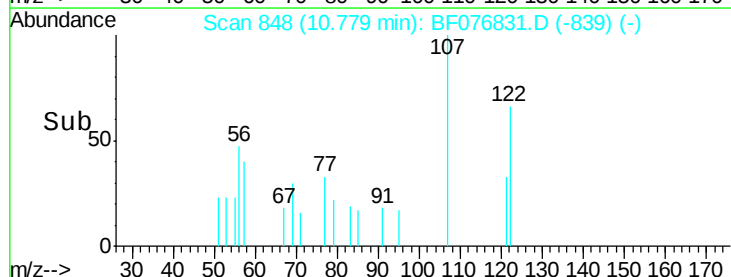
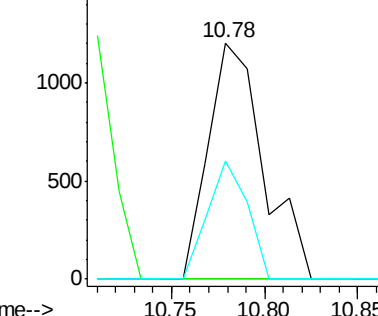
77 50.2 76.0 116.0#

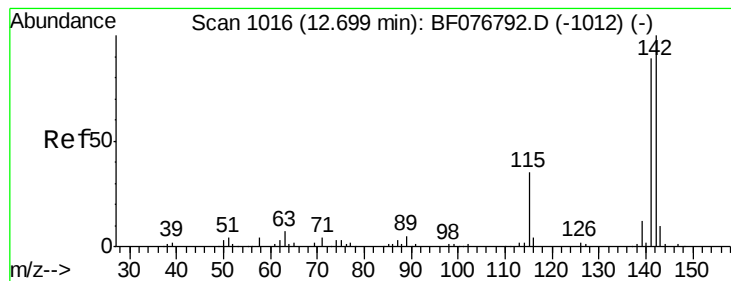


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#37

2-Methylnaphthalene

Concen: 25.14 ng

RT: 12.70 min Scan# 1016

Delta R.T. -0.00 min

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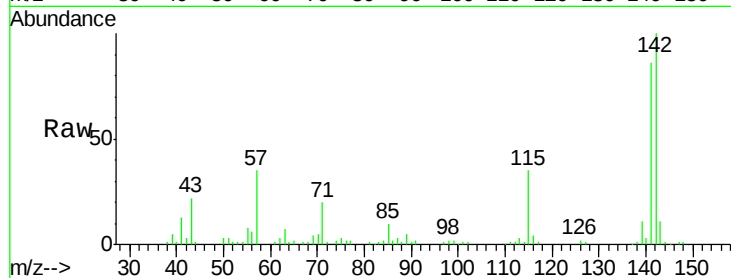
Tgt Ion:142 Resp: 115838

Ion Ratio Lower Upper

142 100

141 86.1 71.0 106.4

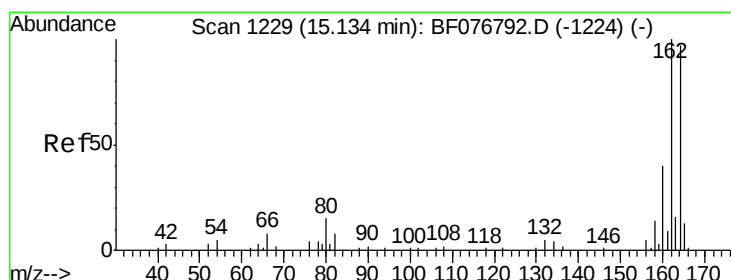
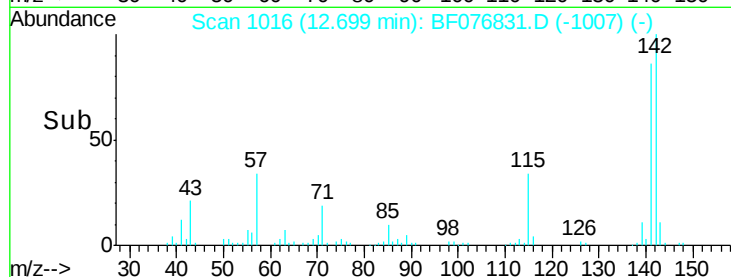
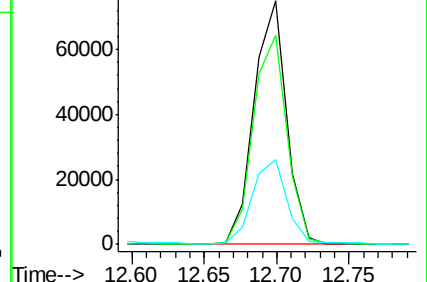
115 34.7 28.2 42.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.13 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

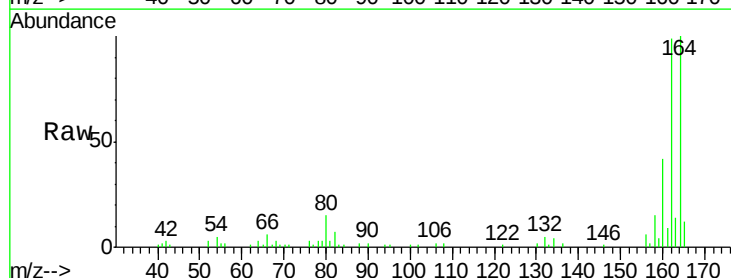
Tgt Ion:164 Resp: 67818

Ion Ratio Lower Upper

164 100

162 98.8 82.5 123.7

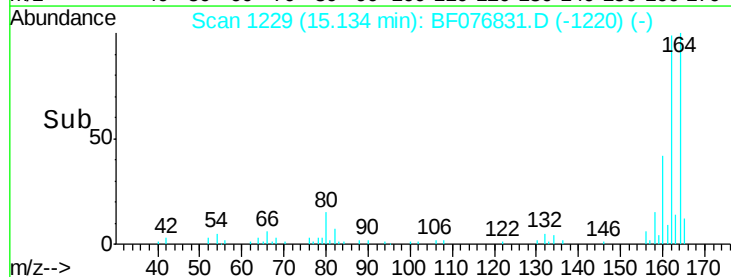
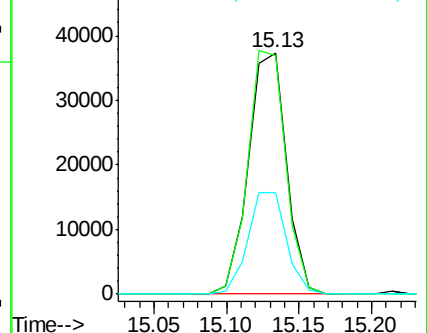
160 41.9 33.1 49.7

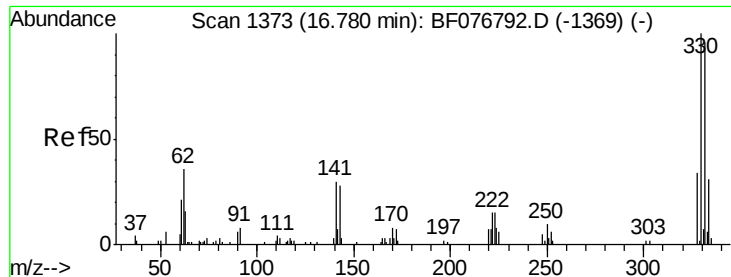


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 20.56 ng

RT: 16.77 min Scan# 1372

Delta R.T. -0.01 min

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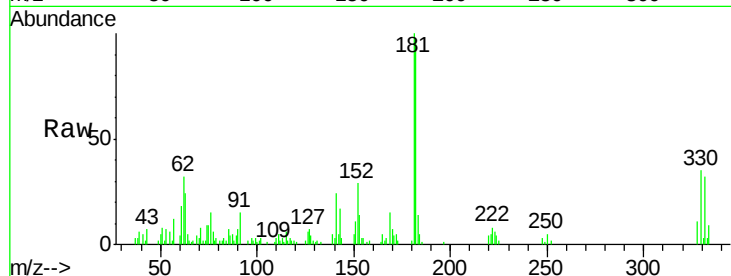
Tgt Ion:330 Resp: 11640

Ion Ratio Lower Upper

330 100

332 97.1 74.8 112.2

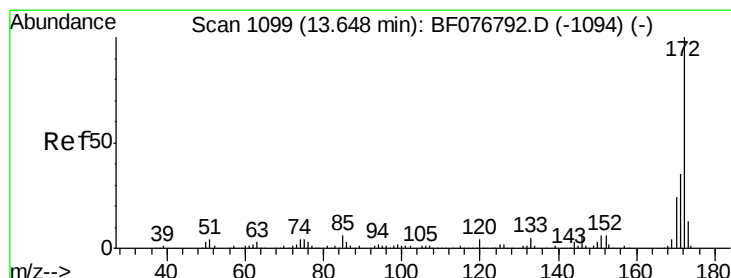
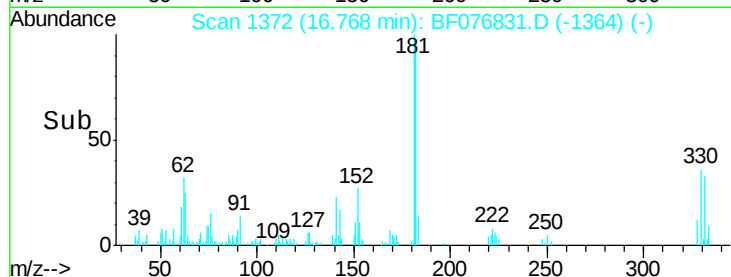
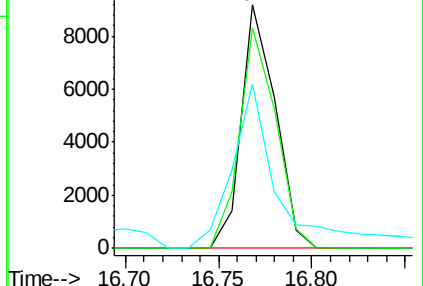
141 90.5 42.4 63.6#



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: 13.25 ng

RT: 13.64 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

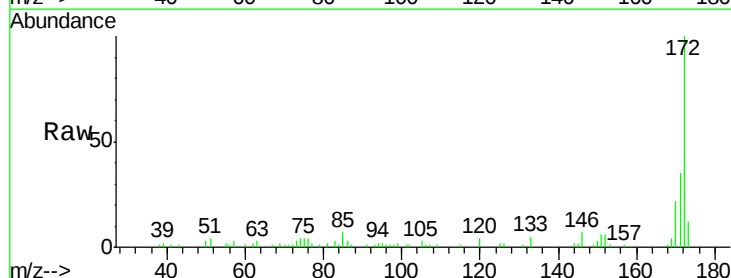
Tgt Ion:172 Resp: 61052

Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.8

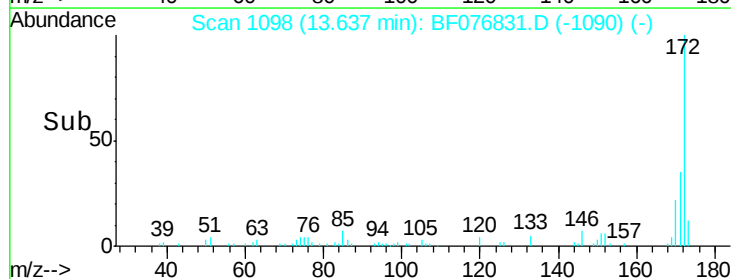
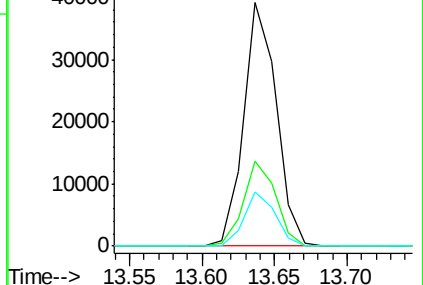
170 22.3 18.8 28.2

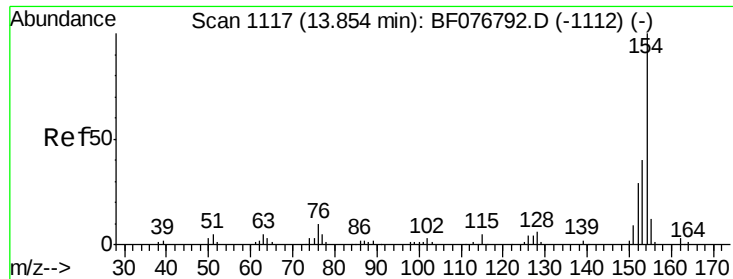


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

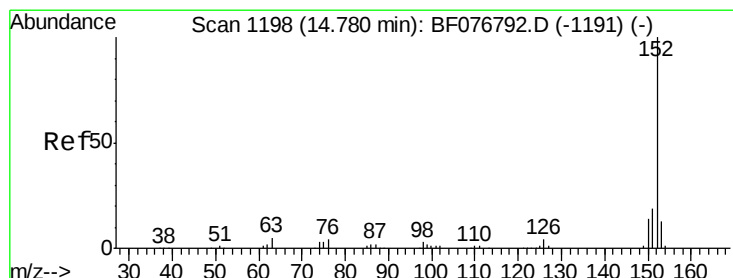
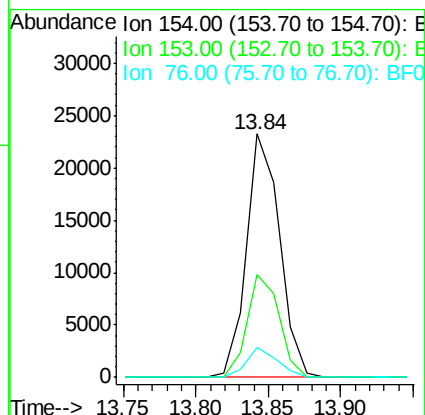
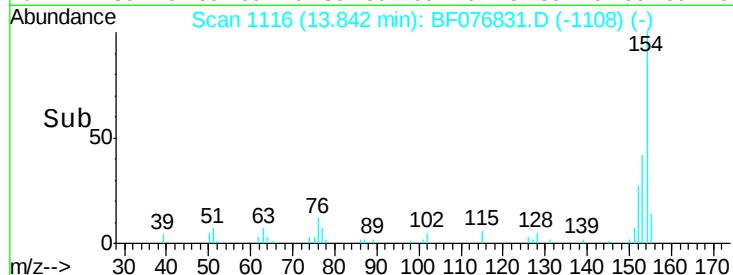
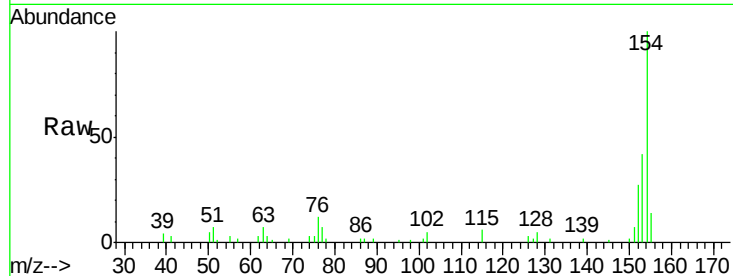




#45
 1,1'-Biphenyl
 Concen: 7.06 ng
 RT: 13.84 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BF076831.D
 Acq: 13 Jan 2015 5:53

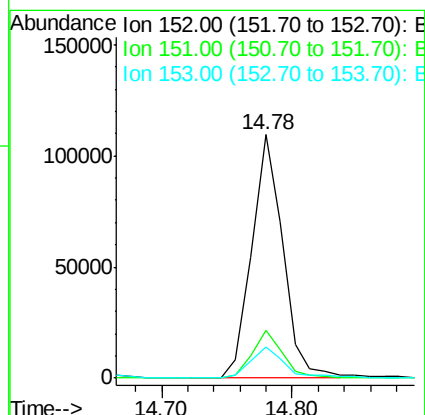
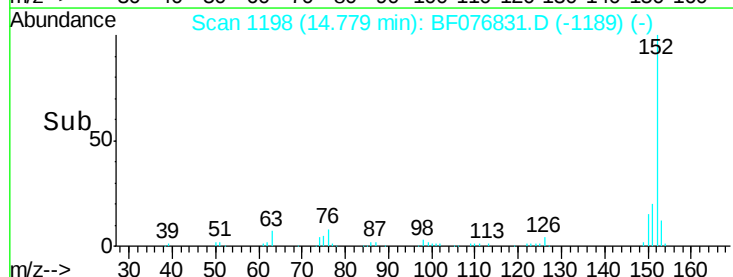
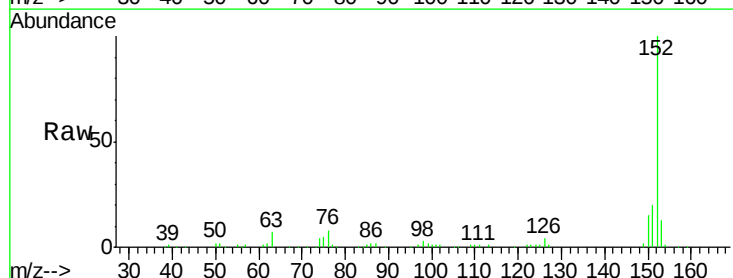
Instrument :
 BNA_F
 ClientSampleId :
 TP3-SS-3(7-7.5)

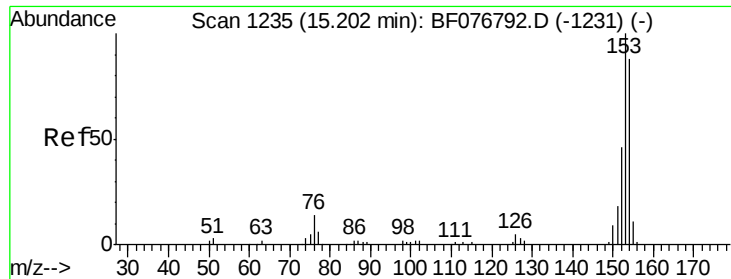
Tgt Ion:	154	Resp:	36815
Ion	Ratio	Lower	Upper
154	100		
153	42.1	19.9	59.9
76	12.3	0.0	29.9



#48
 Acenaphthylene
 Concen: 25.74 ng
 RT: 14.78 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF076831.D
 Acq: 13 Jan 2015 5:53

Tgt Ion:	152	Resp:	182788
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.2	22.8
153	12.7	10.5	15.7





#51

Acenaphthene

Concen: 77.02 ng

RT: 15.20 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

Instrument :

BNA_F

ClientSampleId :

TP3-SS-3(7-7.5)

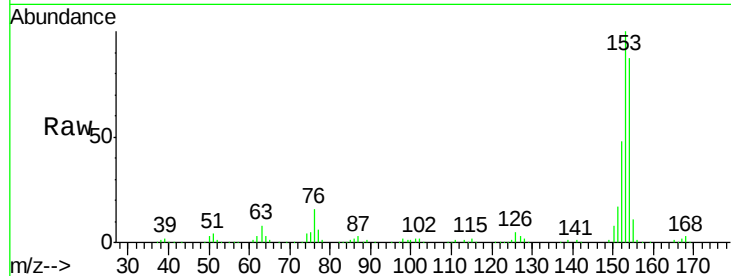
Tgt Ion:154 Resp: 308928

Ion Ratio Lower Upper

154 100

153 114.7 91.0 136.6

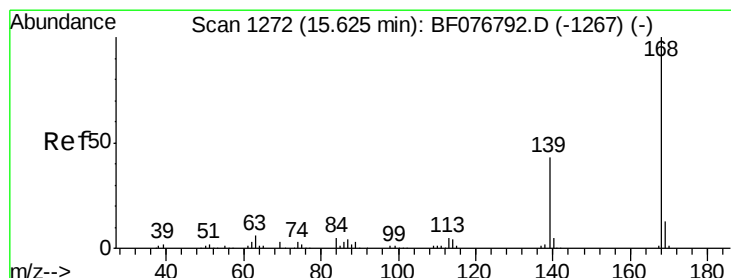
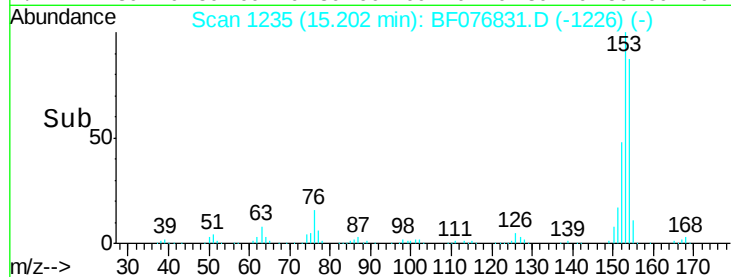
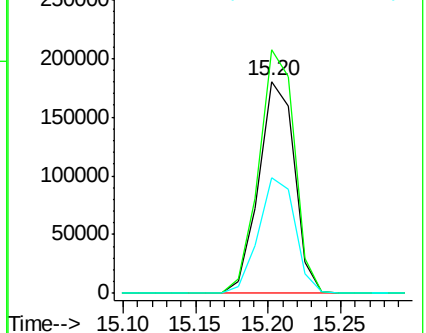
152 54.7 42.2 63.2



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: 52.07 ng

RT: 15.63 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

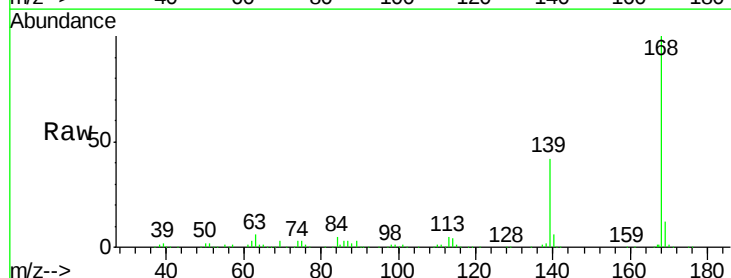
Tgt Ion:168 Resp: 305579

Ion Ratio Lower Upper

168 100

139 42.3 34.2 51.4

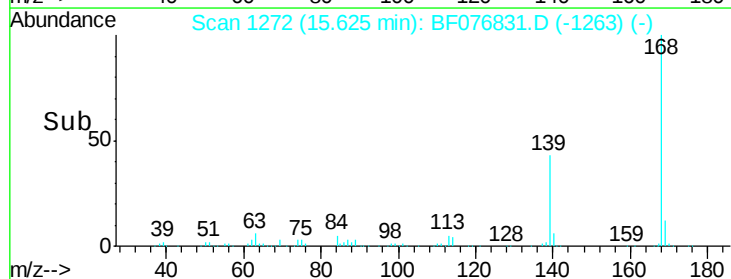
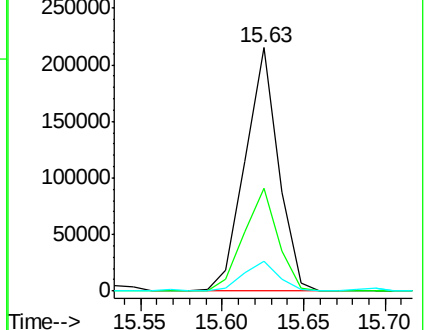
169 12.3 10.5 15.7

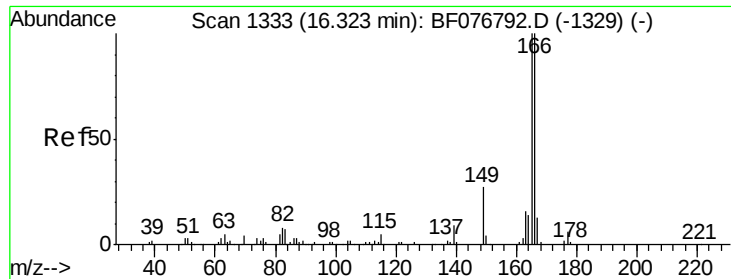


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 74.24 ng

RT: 16.32 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

Instrument :

BNA_F

ClientSampleId :

TP3-SS-3(7-7.5)

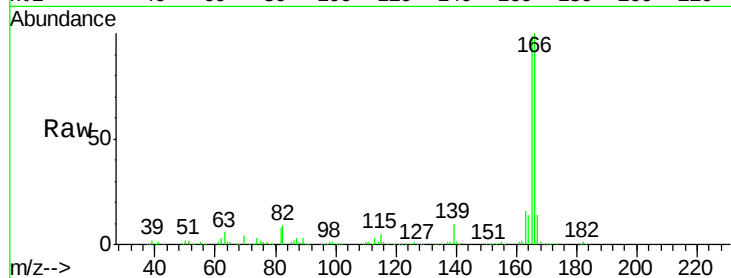
Tgt Ion:166 Resp: 363836

Ion Ratio Lower Upper

166 100

165 99.1 79.6 119.4

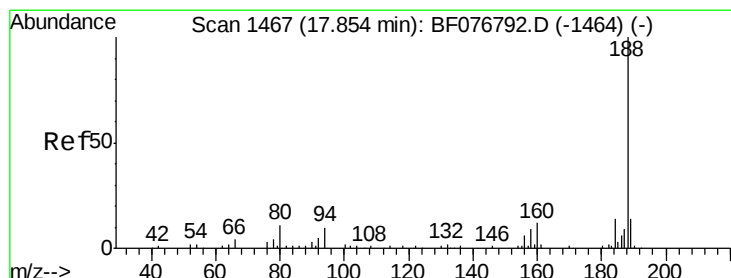
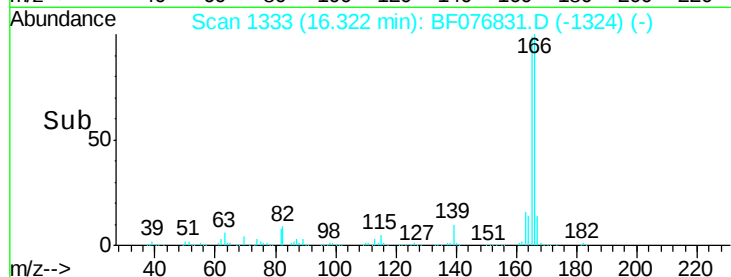
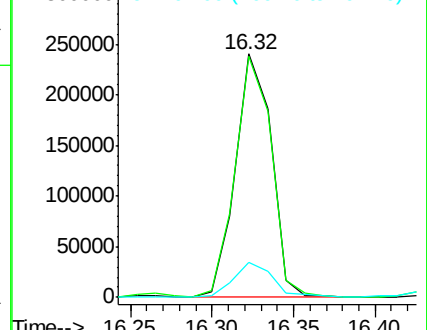
167 14.4 10.2 15.2



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: 17.87 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

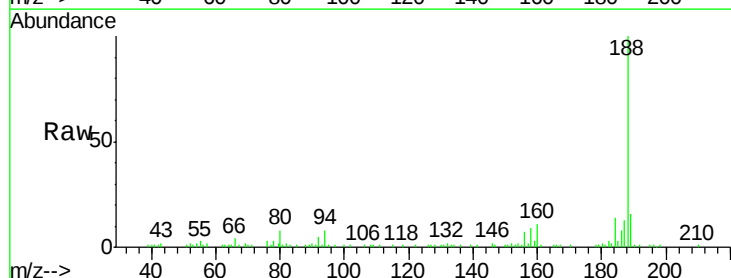
Tgt Ion:188 Resp: 109427

Ion Ratio Lower Upper

188 100

94 7.7 7.8 11.6#

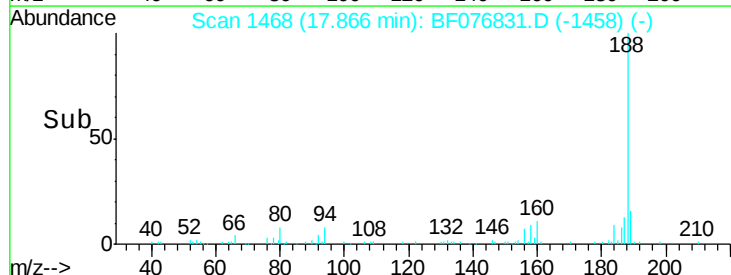
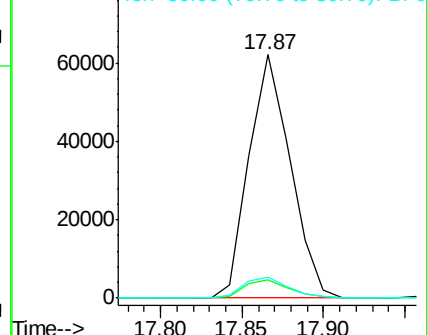
80 8.4 8.6 13.0#

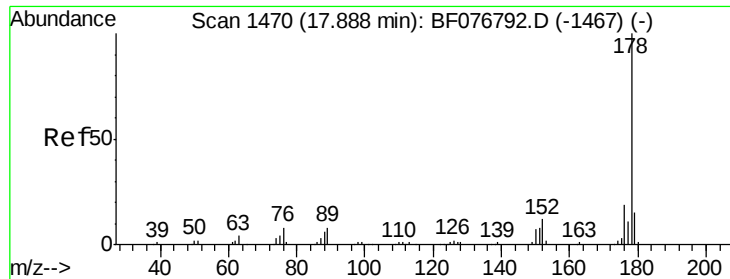


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

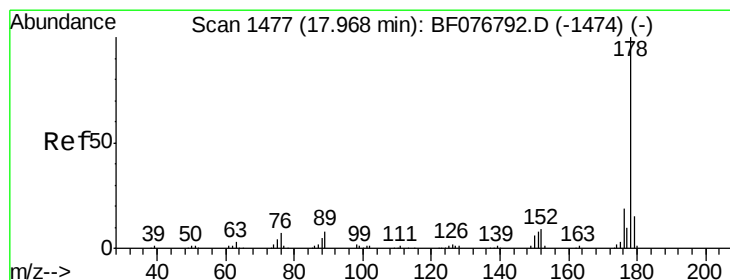
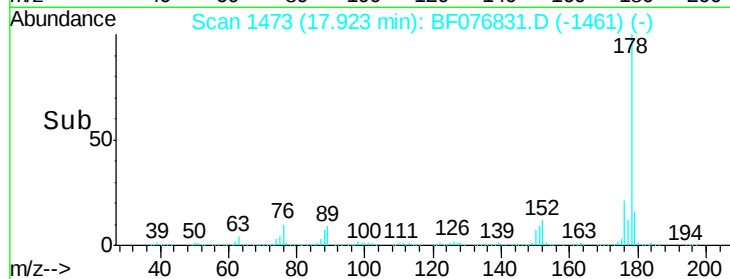
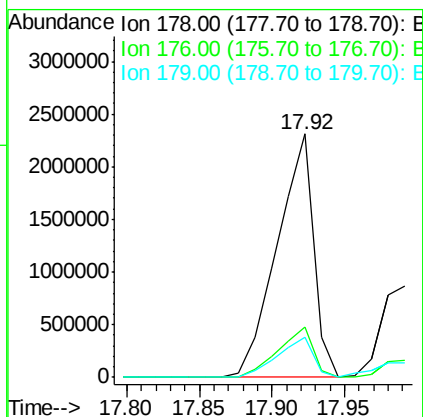
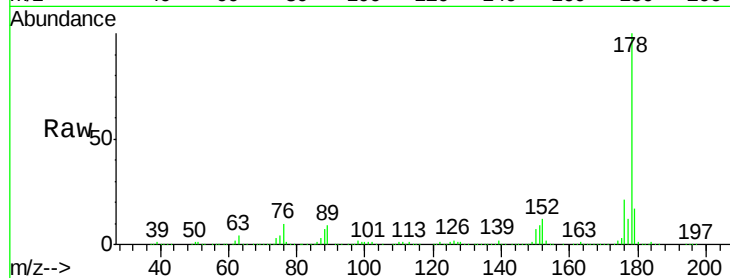




#70
Phenanthrene
Concen: 592.08 ng
RT: 17.92 min Scan# 1473
Delta R.T. 0.03 min
Lab File: BF076831.D
Acq: 13 Jan 2015 5:53

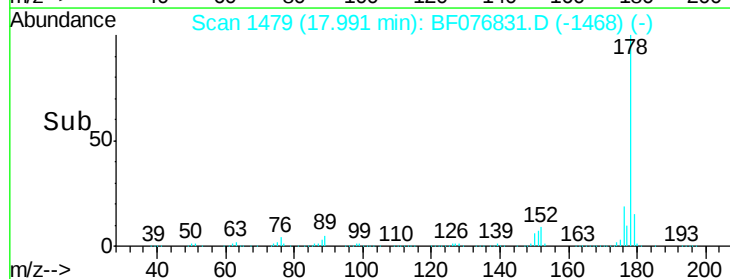
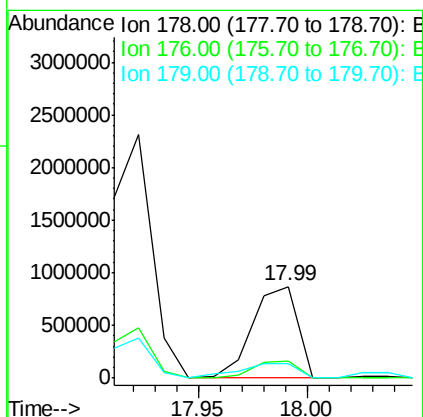
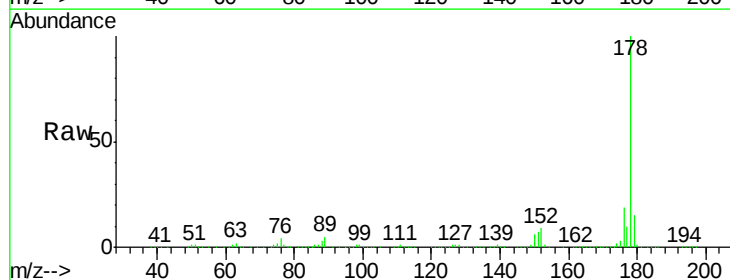
Instrument :
BNA_F
ClientSampleId :
TP3-SS-3(7-7.5)

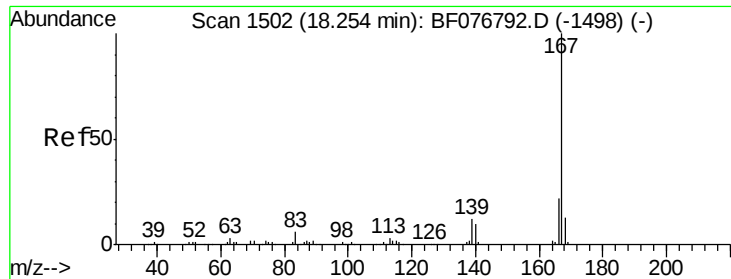
Tgt Ion:178 Resp: 4037566
Ion Ratio Lower Upper
178 100
176 20.8 15.2 22.8
179 16.5 11.8 17.8



#71
Anthracene
Concen: 191.00 ng
RT: 17.99 min Scan# 1479
Delta R.T. 0.02 min
Lab File: BF076831.D
Acq: 13 Jan 2015 5:53

Tgt Ion:178 Resp: 1265090
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.5 12.2 18.4

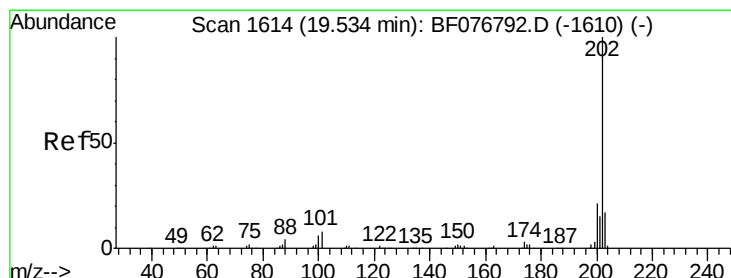
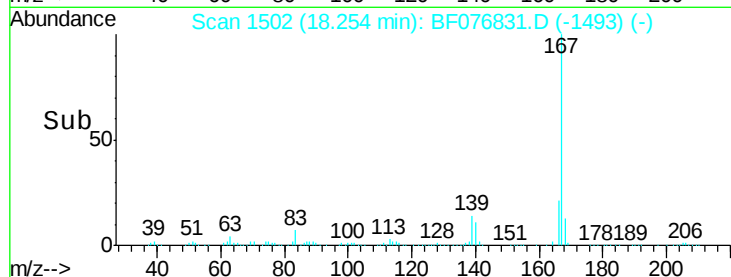
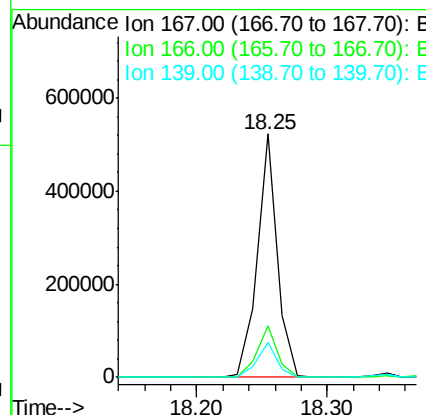
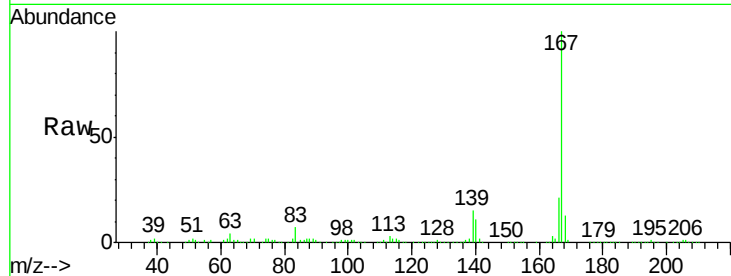




#72
 Carbazole
 Concen: 85.91 ng
 RT: 18.25 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BF076831.D
 Acq: 13 Jan 2015 5:53

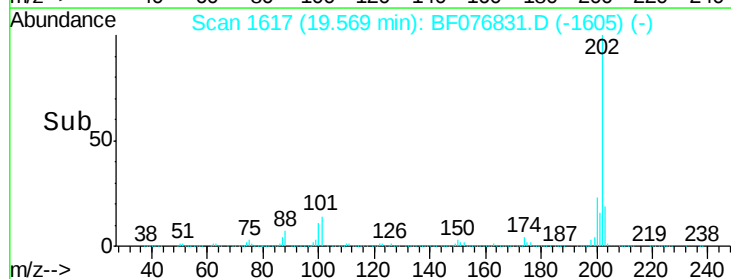
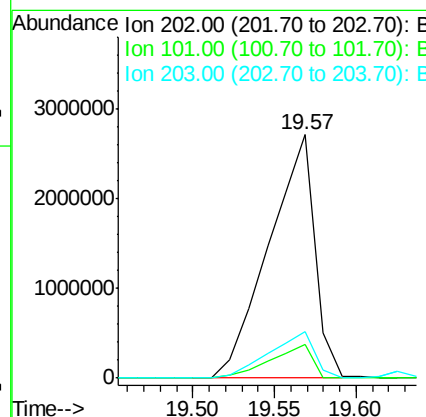
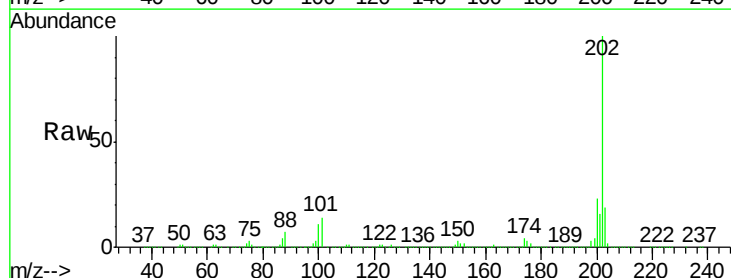
Instrument :
 BNA_F
 ClientSampleId :
 TP3-SS-3(7-7.5)

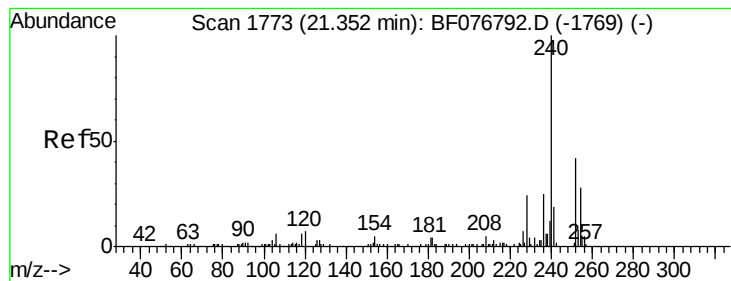
Tgt Ion:167 Resp: 557849
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 14.5 10.0 15.0



#74
 Fluoranthene
 Concen: 762.98 ng
 RT: 19.57 min Scan# 1617
 Delta R.T. 0.03 min
 Lab File: BF076831.D
 Acq: 13 Jan 2015 5:53

Tgt Ion:202 Resp: 5329071
 Ion Ratio Lower Upper
 202 100
 101 13.8 0.0 28.0
 203 19.3 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 1775

Delta R.T. 0.02 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

Instrument :

BNA_F

ClientSampleId :

TP3-SS-3(7-7.5)

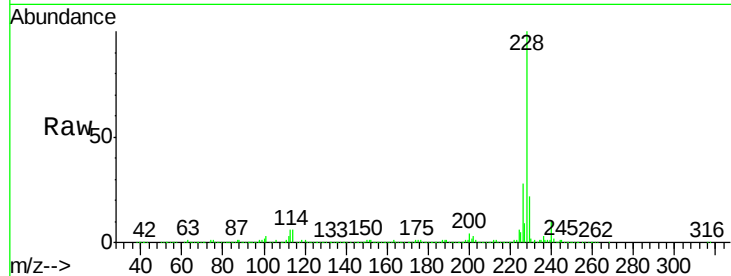
Tgt Ion:240 Resp: 112697

Ion Ratio Lower Upper

240 100

120 12.2 5.7 8.5#

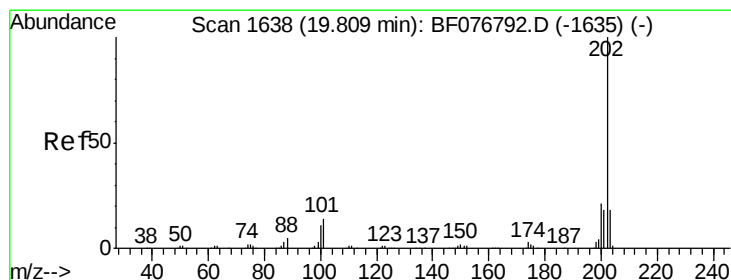
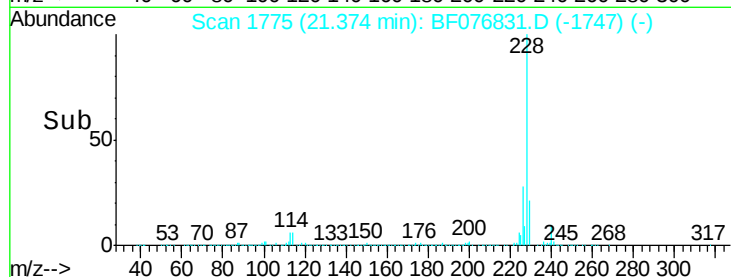
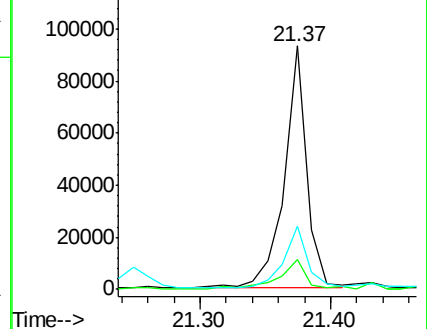
236 25.9 19.7 29.5



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: 567.01 ng

RT: 19.85 min Scan# 1642

Delta R.T. 0.05 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

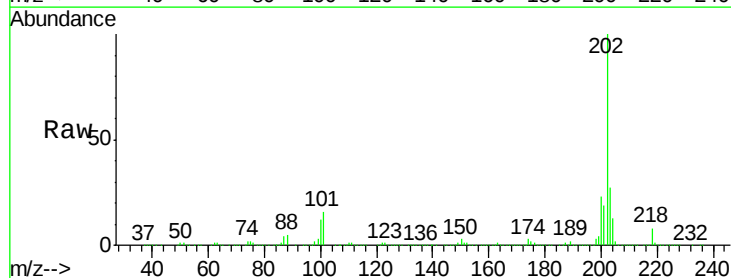
Tgt Ion:202 Resp: 4597833

Ion Ratio Lower Upper

202 100

200 23.0 16.6 25.0

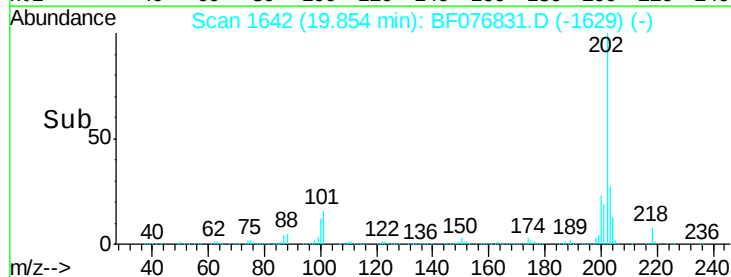
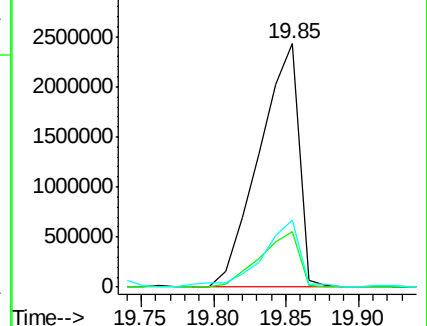
203 27.3 14.6 22.0#

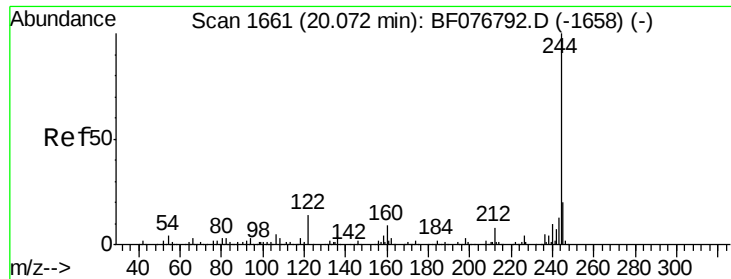


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 11.41 ng

RT: 20.08 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

Instrument :

BNA_F

ClientSampleId :

TP3-SS-3(7-7.5)

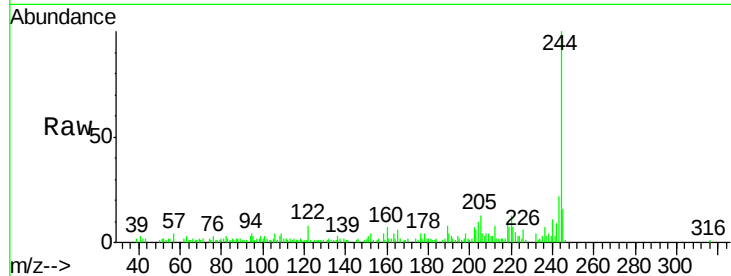
Tgt Ion:244 Resp: 58582

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

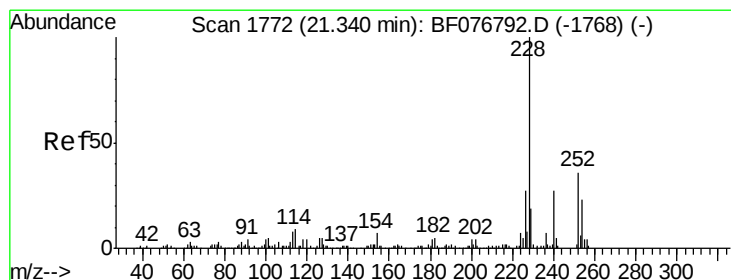
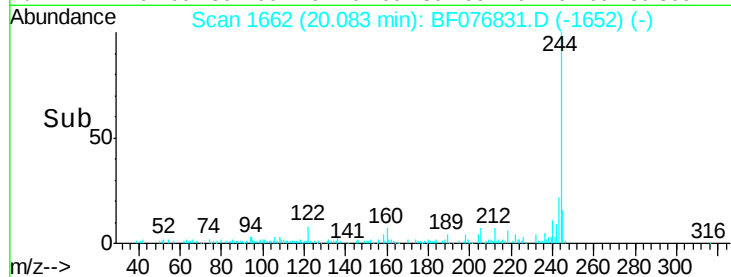
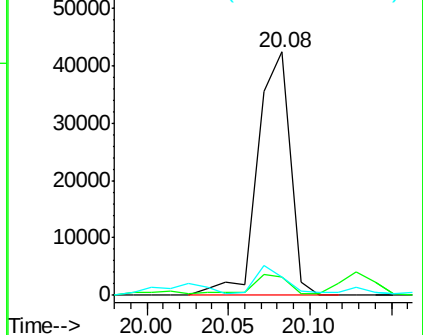
122 7.8 11.3 16.9#



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: 408.67 ng

RT: 21.36 min Scan# 1774

Delta R.T. 0.02 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

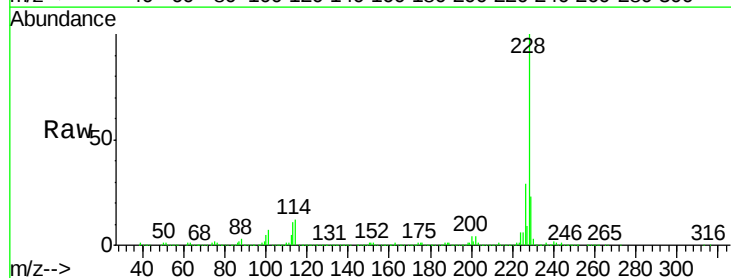
Tgt Ion:228 Resp: 2933980

Ion Ratio Lower Upper

228 100

226 28.5 21.4 32.0

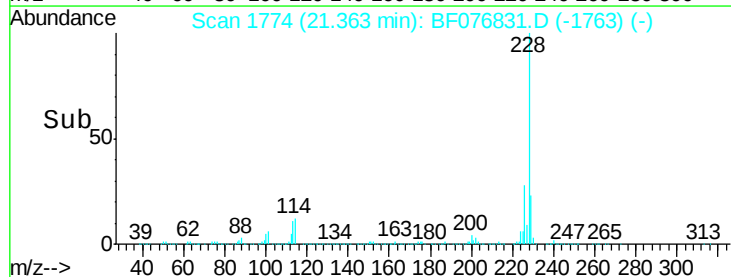
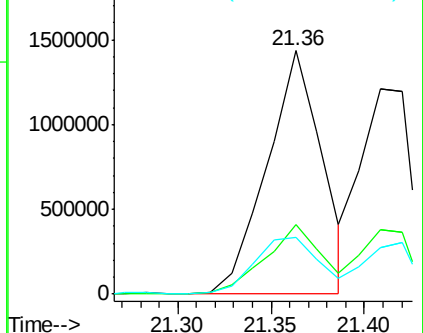
229 23.2 15.0 22.4#

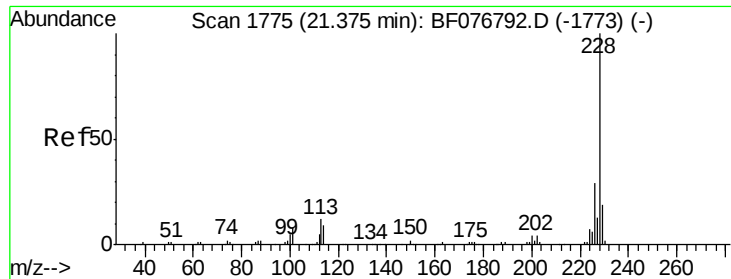


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 332.17 ng

RT: 21.41 min Scan# 1778

Delta R.T. 0.03 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

Instrument :

BNA_F

ClientSampleId :

TP3-SS-3(7-7.5)

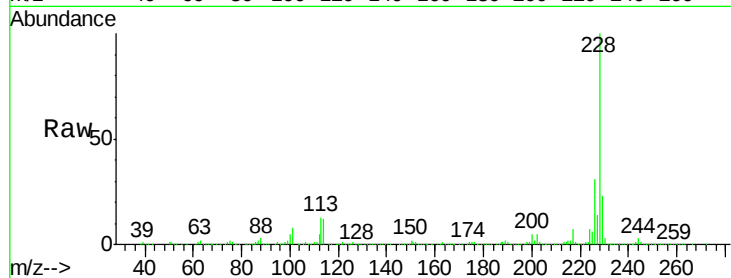
Tgt Ion:228 Resp: 2157733

Ion Ratio Lower Upper

228 100

226 31.2 23.3 34.9

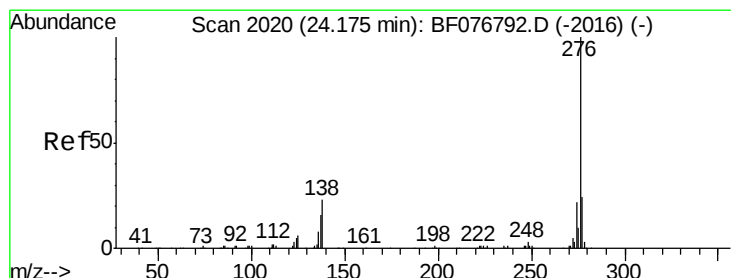
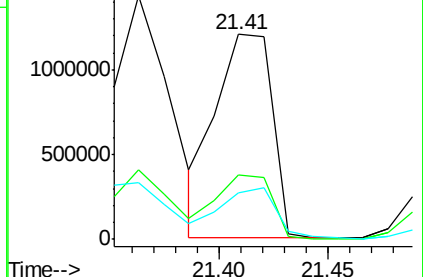
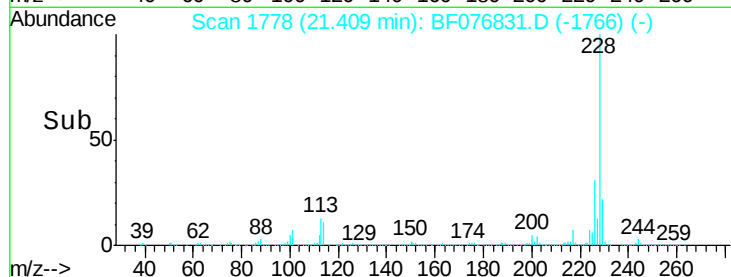
229 22.6 14.6 22.0#



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: 179.46 ng

RT: 24.17 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

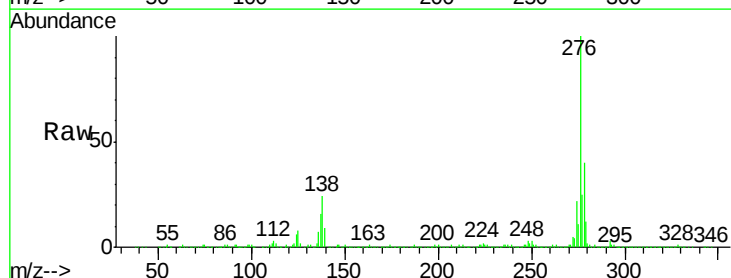
Tgt Ion:276 Resp: 1153631

Ion Ratio Lower Upper

276 100

138 24.3 0.0 0.0#

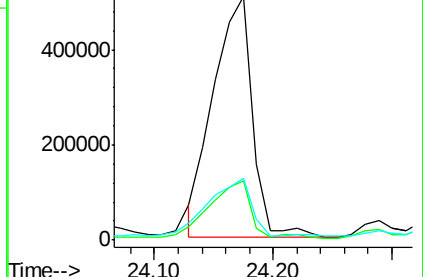
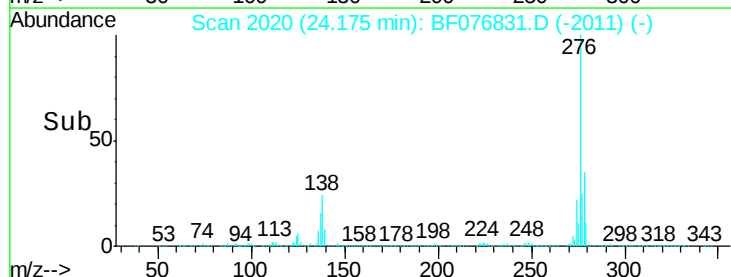
277 23.6 0.0 0.0#

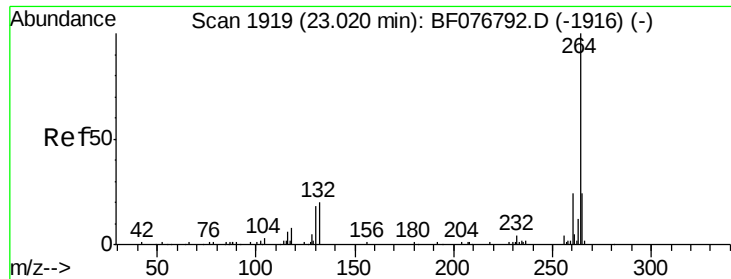


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

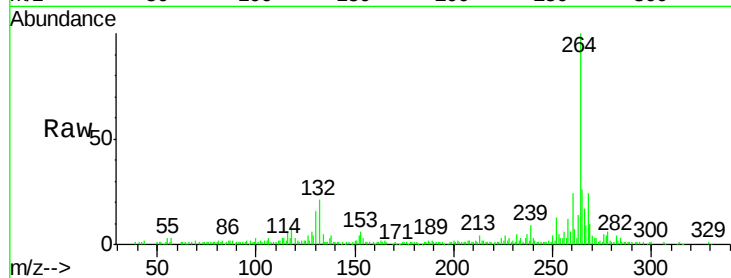




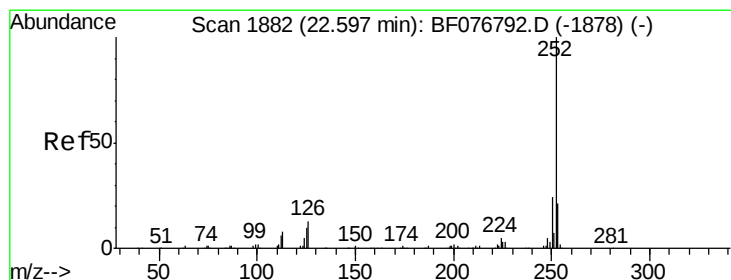
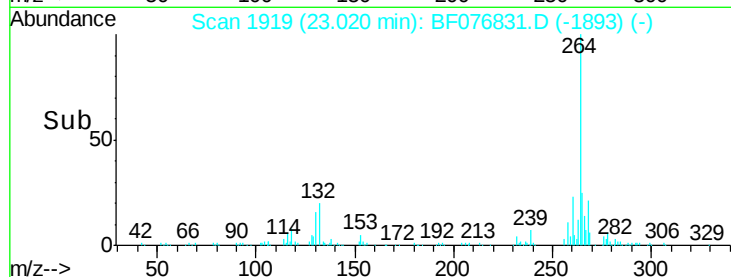
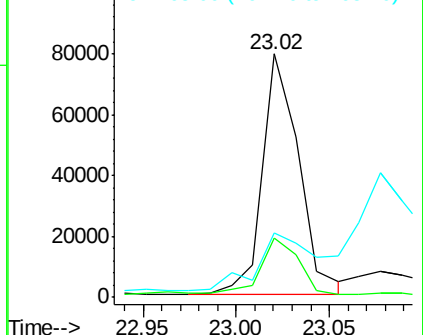
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.02 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BF076831.D
Acq: 13 Jan 2015 5:53

Instrument :
BNA_F
ClientSampleId :
TP3-SS-3(7-7.5)

Tgt Ion:264 Resp: 107305
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.0
265 26.4 18.9 28.3

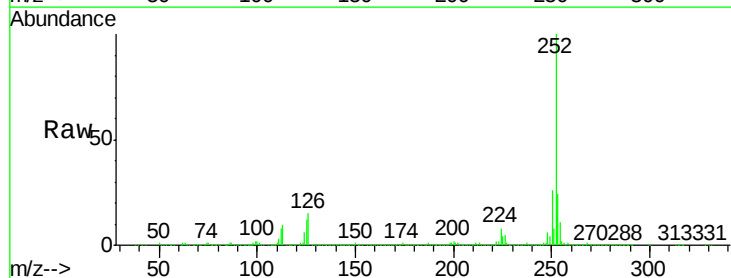


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

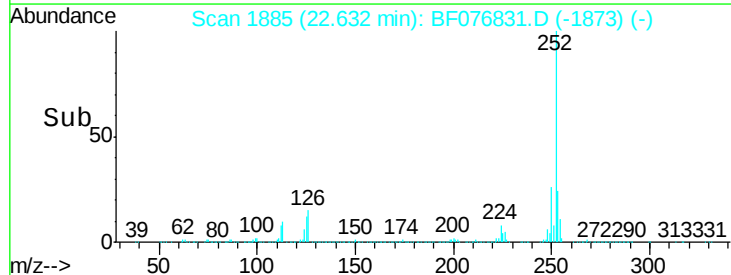
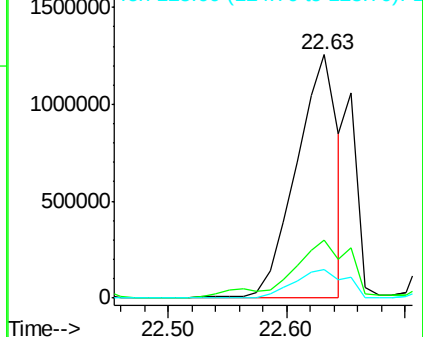


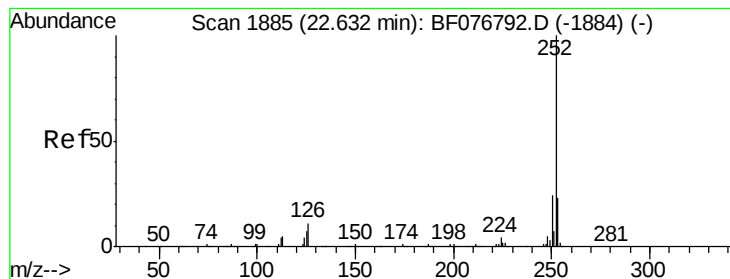
#87
Benzo(b)fluoranthene
Concen: 405.78 ng
RT: 22.63 min Scan# 1885
Delta R.T. 0.03 min
Lab File: BF076831.D
Acq: 13 Jan 2015 5:53

Tgt Ion:252 Resp: 3016017
Ion Ratio Lower Upper
252 100
253 23.9 16.6 25.0
125 12.0 8.1 12.1



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: 575.04 ng

RT: 22.63 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

Instrument :

BNA_F

ClientSampleId :

TP3-SS-3(7-7.5)

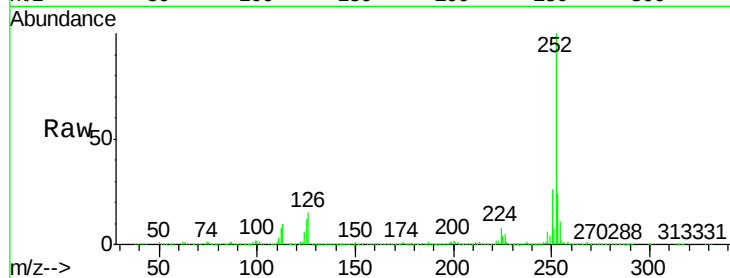
Tgt Ion:252 Resp: 3736191

Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

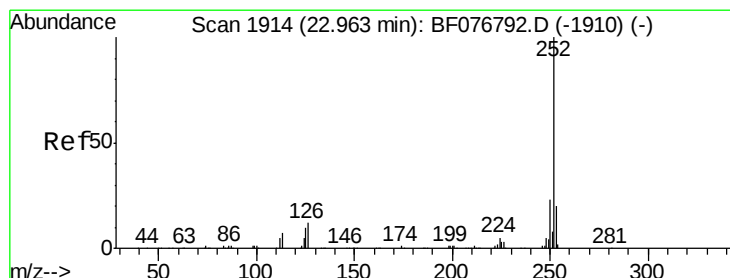
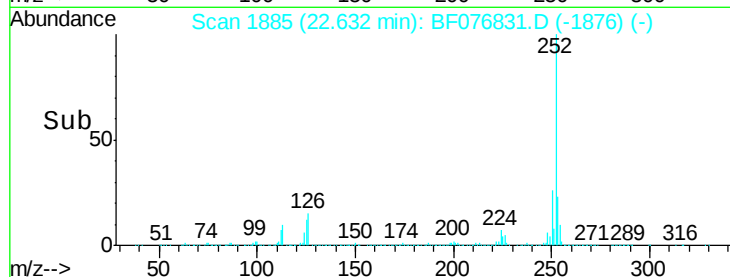
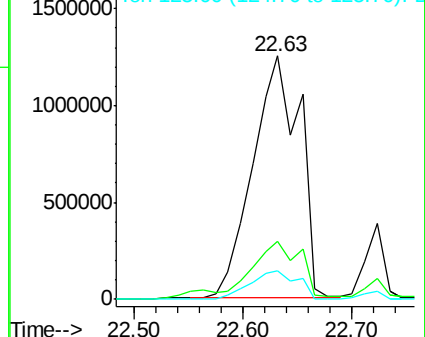
125 12.0 7.5 11.3#



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: 307.05 ng

RT: 22.99 min Scan# 1916

Delta R.T. 0.02 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

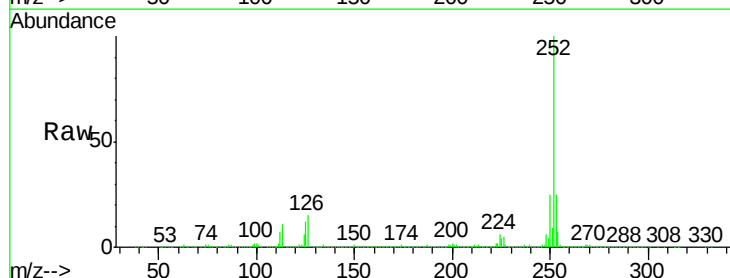
Tgt Ion:252 Resp: 1961151

Ion Ratio Lower Upper

252 100

253 24.9 16.2 24.4#

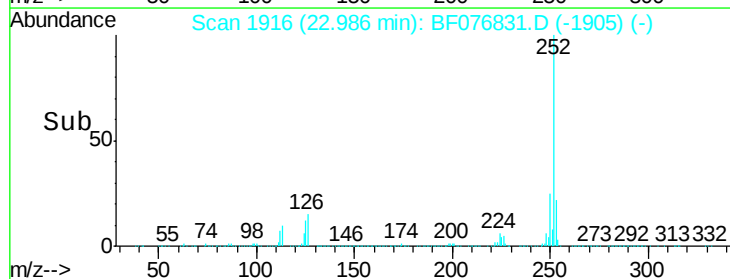
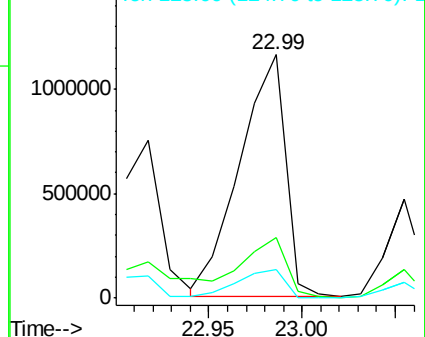
125 11.8 7.8 11.6#

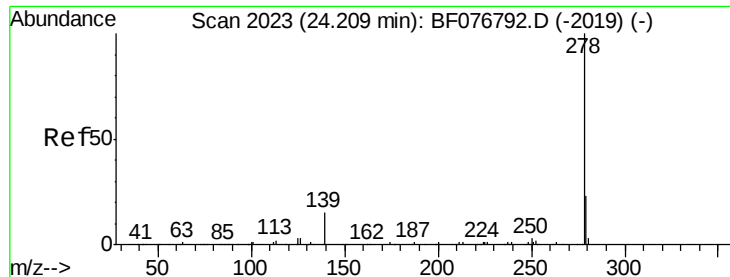


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 45.94 ng

RT: 24.17 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

Instrument :

BNA_F

ClientSampleId :

TP3-SS-3(7-7.5)

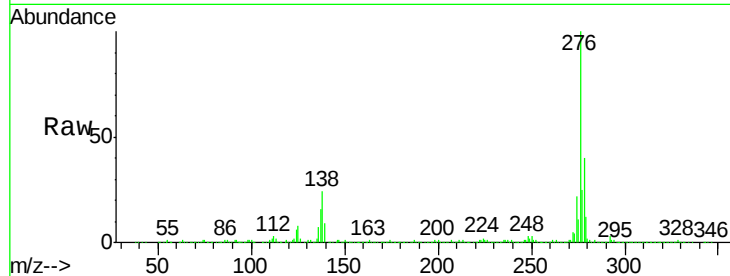
Tgt Ion:278 Resp: 267325

Ion Ratio Lower Upper

278 100

139 21.3 12.2 18.4#

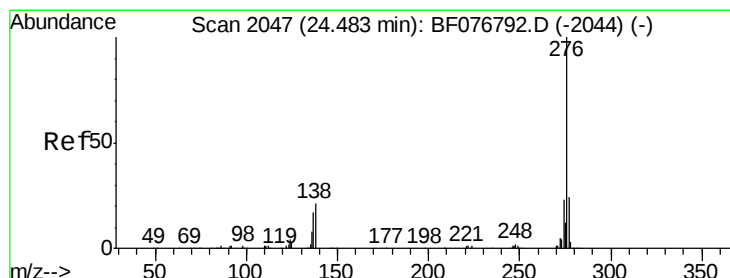
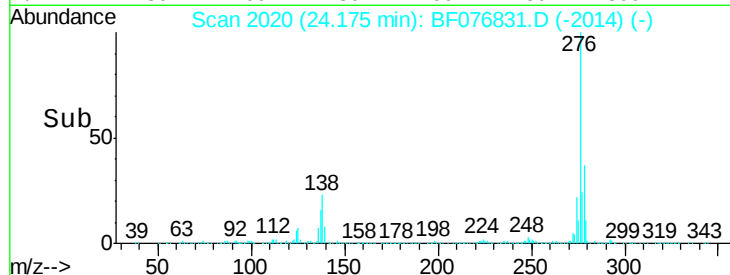
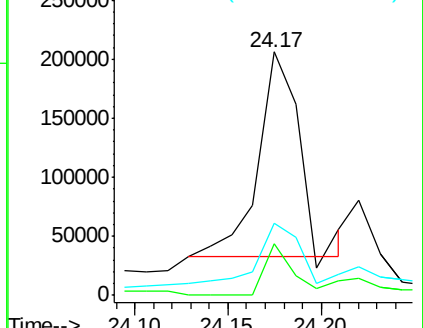
279 29.8 17.9 26.9#



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(g,h,i)perylene

Concen: 174.07 ng

RT: 24.48 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BF076831.D

Acq: 13 Jan 2015 5:53

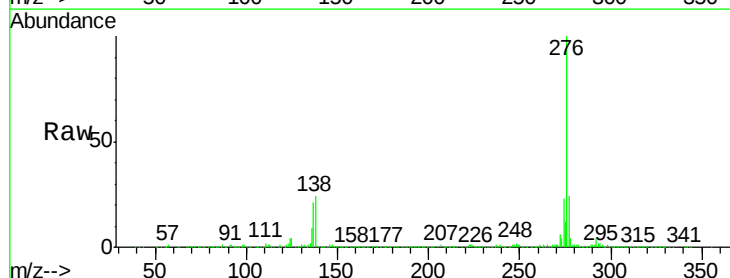
Tgt Ion:276 Resp: 1033807

Ion Ratio Lower Upper

276 100

277 24.4 19.0 28.6

138 24.3 16.7 25.1



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

