

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
 Data File : BF092379.D
 Acq On : 20 Jan 2017 18:16
 Operator : UM/SJ
 Sample : I1265-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3

Quant Time: Jan 20 22:16:14 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	123557	20.00	ng	-0.12
21) Naphthalene-d8	7.81	136	745589	20.00	ng	-0.12
38) Acenaphthene-d10	9.56	164	323337	20.00	ng	-0.12
63) Phenanthrene-d10	11.03	188	427906	20.00	ng	-0.12
75) Chrysene-d12	13.66	240	318253	20.00	ng	-0.12
86) Perylene-d12	15.02	264	226976	20.00	ng	-0.12

System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	1148450	155.20	ng	-0.13
7) Phenol-d6	6.20	99	1474217	163.18	ng	-0.11
23) Nitrobenzene-d5	7.10	82	844105	62.95	ng	-0.11
41) 2,4,6-Tribromophenol	10.35	330	265246	99.13	ng	-0.12
44) 2-Fluorobiphenyl	8.90	172	1701546	111.91	ng	-0.11
78) Terphenyl-d14	12.62	244	1064270	81.10	ng	-0.12

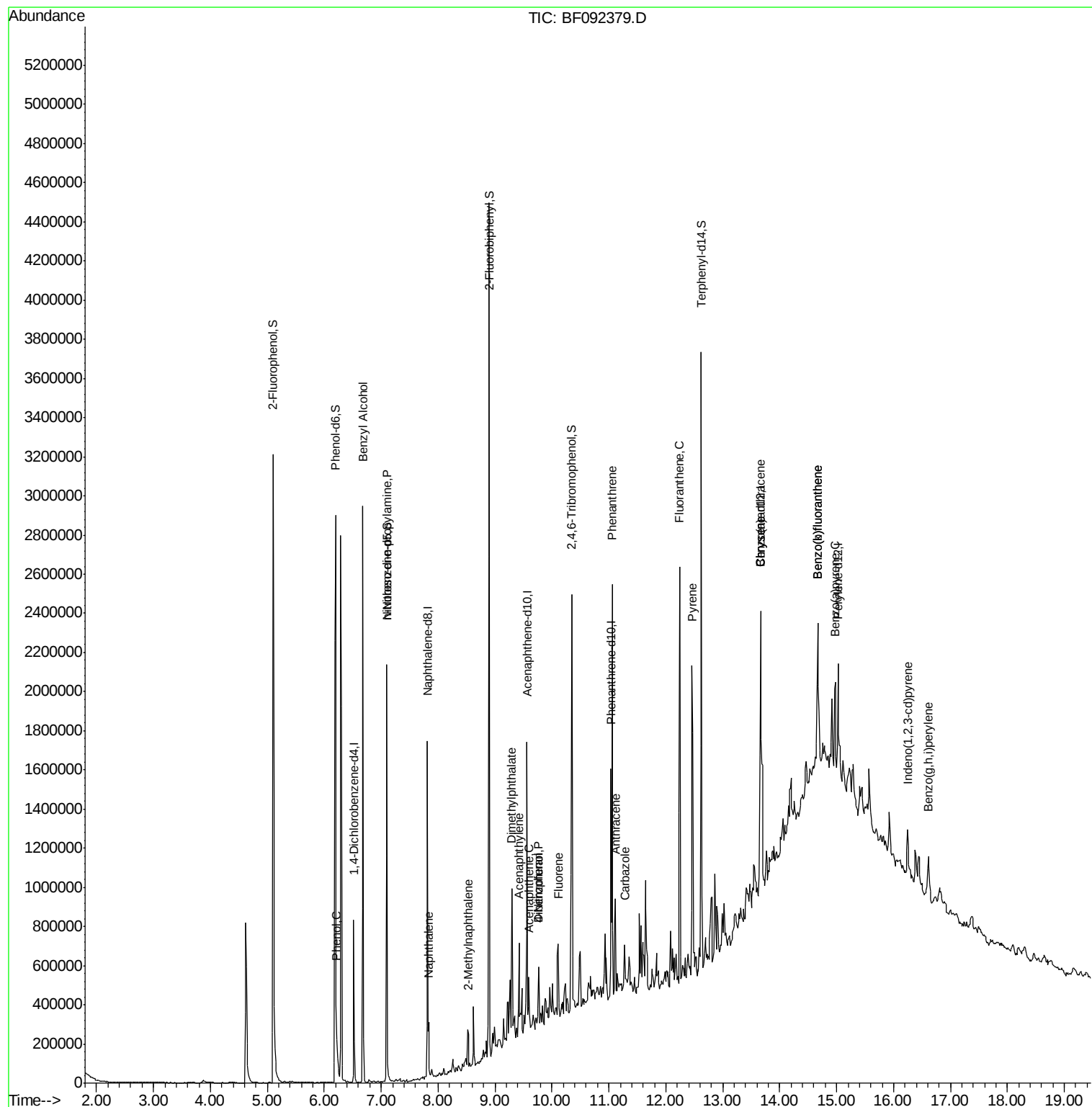
Target Compounds				Qvalue		
9) Benzaldehyde	6.11	77	1200	Below Cal	#	80
10) Phenol	6.21	94	50947	4.95	ng	79
15) Benzyl Alcohol	6.68	79	14650	2.09	ng	# 38
19) n-Nitroso-di-n-propylamine	7.10	70	115868	19.28	ng	# 74
31) Naphthalene	7.83	128	136688	4.01	ng	97
37) 2-Methylnaphthalene	8.53	142	79074	2.52	ng	96
48) Acenaphthylene	9.42	152	139657	5.18	ng	98
49) Dimethylphthalate	9.30	163	304821	14.74	ng	99
51) Acenaphthene	9.59	154	55908	3.06	ng	97
54) Dibenzofuran	9.76	168	97970	3.97	ng	92
55) 4-Nitrophenol	9.76	139	34316	9.02	ng	# 19
57) Fluorene	10.11	166	147292	8.20	ng	96
70) Phenanthrene	11.06	178	785698	33.86	ng	98
71) Anthracene	11.11	178	262273	9.69	ng	97
72) Carbazole	11.27	167	86650	3.30	ng	99
73) Di-n-butylphthalate	11.62	149	13790	Below Cal	#	82
74) Fluoranthene	12.25	202	959457	47.33	ng	94
76) Benzidine	12.35	184	972	Below Cal	#	1
77) Pyrene	12.46	202	918005	39.31	ng	96
80) Benzo(a)anthracene	13.66	228	465749	25.93	ng	# 91
82) Chrysene	13.66	228	465749	25.85	ng	96
85) Indeno(1,2,3-cd)pyrene	16.25	276	160771	10.30	ng	95
87) Benzo(b)fluoranthene	14.67	252	523667	37.06	ng	95
88) Benzo(k)fluoranthene	14.67	252	523667	43.46	ng	# 94
89) Benzo(a)pyrene	14.98	252	285352	22.75	ng	96
91) Benzo(g,h,i)perylene	16.61	276	157258	14.67	ng	# 93

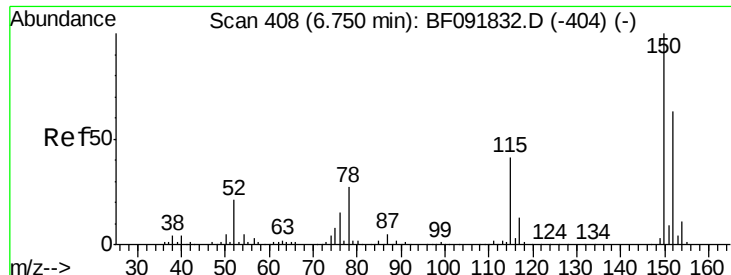
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 414

Delta R.T. -0.12 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

Instrument :

BNA_F

ClientSampleId :

B-3

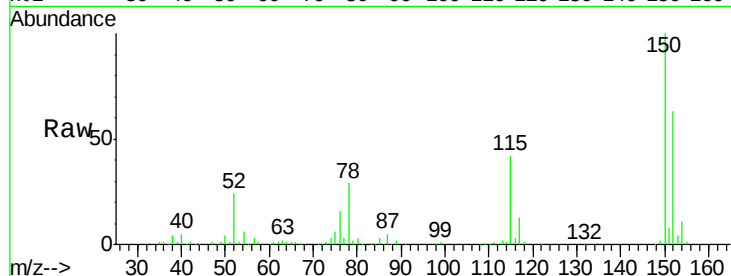
Tgt Ion:152 Resp: 123557

Ion Ratio Lower Upper

152 100

150 159.6 124.9 187.3

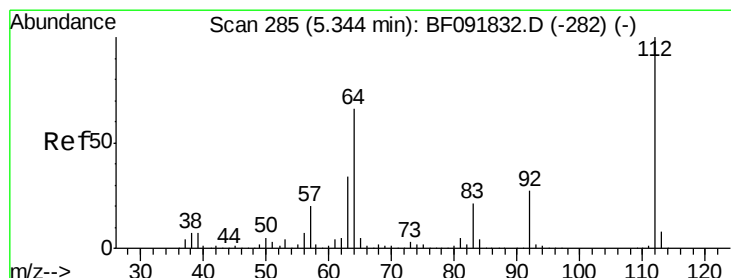
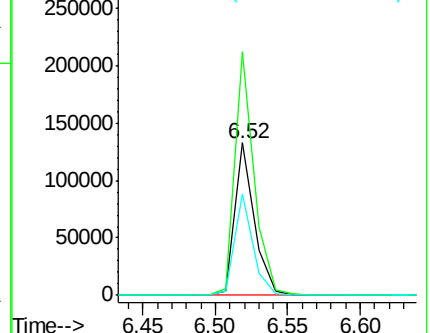
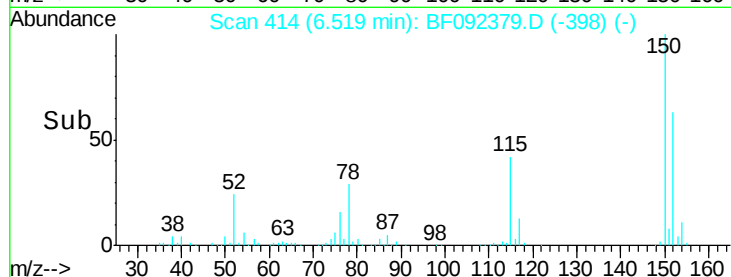
115 66.4 46.0 69.0



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: 155.20 ng

RT: 5.10 min Scan# 290

Delta R.T. -0.13 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

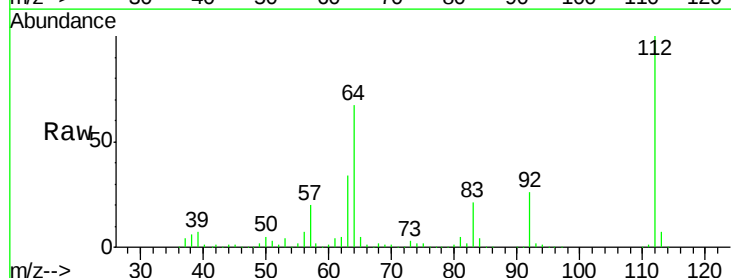
Tgt Ion:112 Resp: 1148450

Ion Ratio Lower Upper

112 100

64 66.6 46.1 69.1

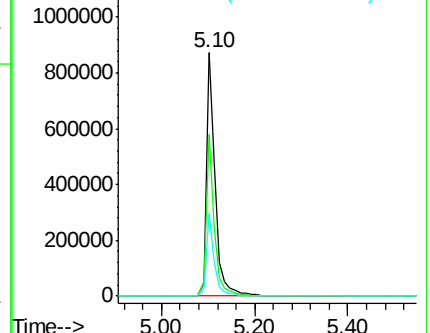
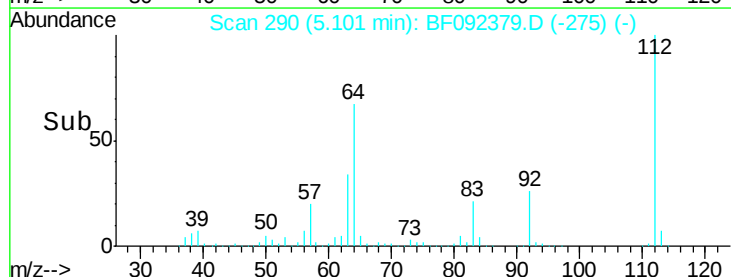
63 34.1 23.8 35.6



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: 163.18 ng

RT: 6.20 min Scan# 386

Delta R.T. -0.11 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

Instrument :

BNA_F

ClientSampleId :

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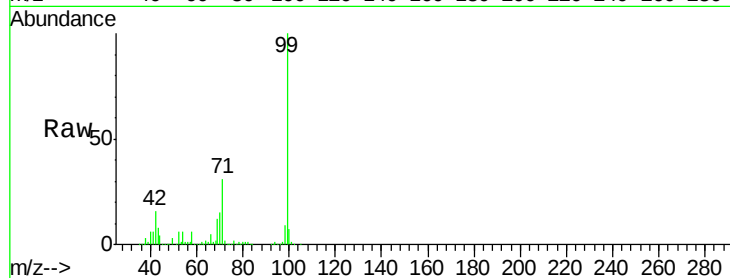
Tgt Ion: 99 Resp: 1474217

Ion Ratio Lower Upper

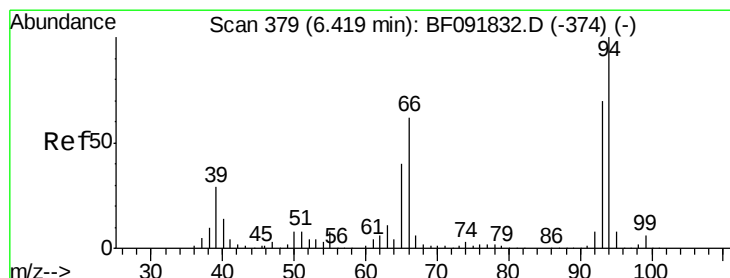
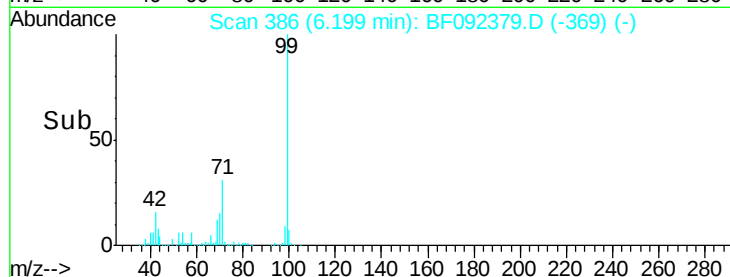
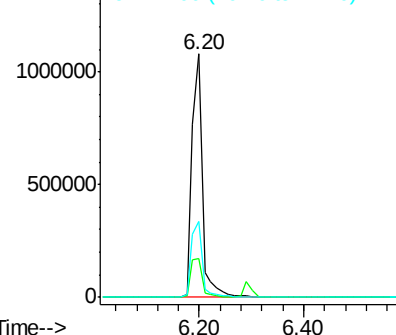
99 100

42 15.7 15.6 23.4

71 31.0 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.95 ng

RT: 6.21 min Scan# 387

Delta R.T. -0.11 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

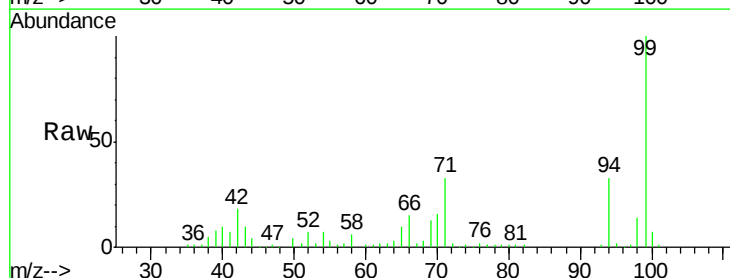
Tgt Ion: 94 Resp: 50947

Ion Ratio Lower Upper

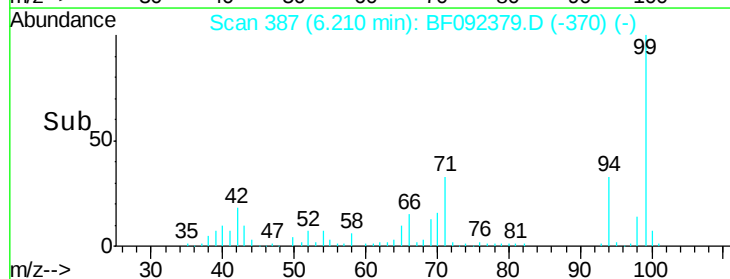
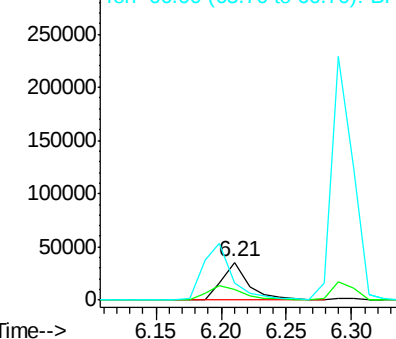
94 100

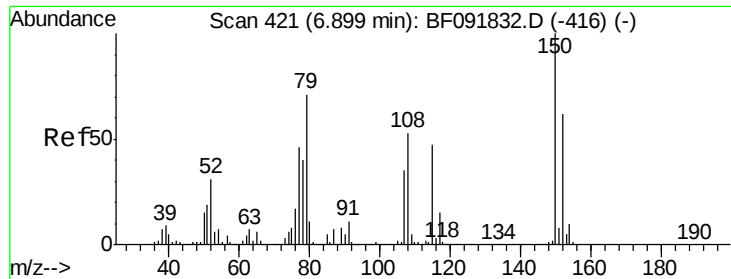
65 29.8 21.4 61.4

66 46.1 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.68 min Scan# 428

Delta R.T. -0.12 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

Instrument :

BNA_F

ClientSampleId :

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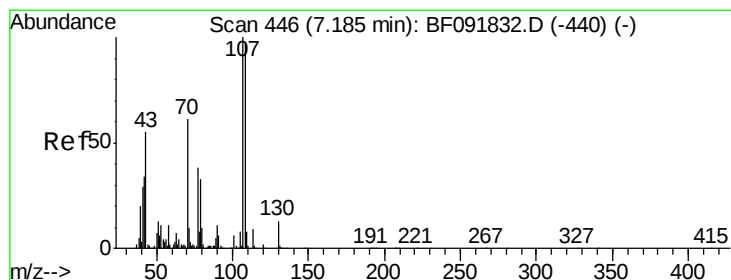
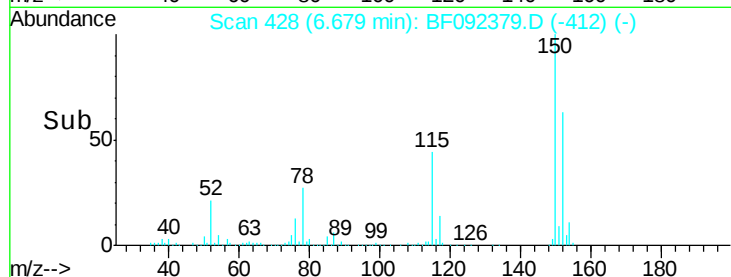
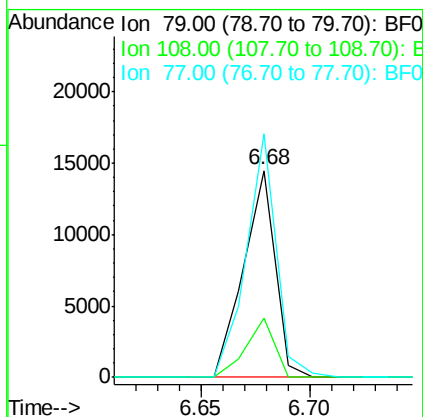
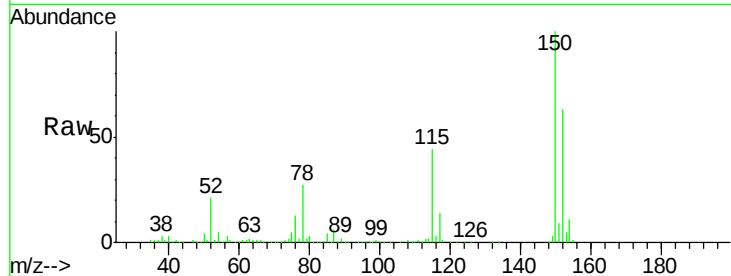
Tgt Ion: 79 Resp: 14650

Ion Ratio Lower Upper

79 100

108 28.9 61.4 92.0#

77 117.7 50.9 76.3#



#19

n-Nitroso-di-n-propylamine

Concen: 19.28 ng

RT: 7.10 min Scan# 465

Delta R.T. 0.03 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

Tgt Ion: 70 Resp: 115868

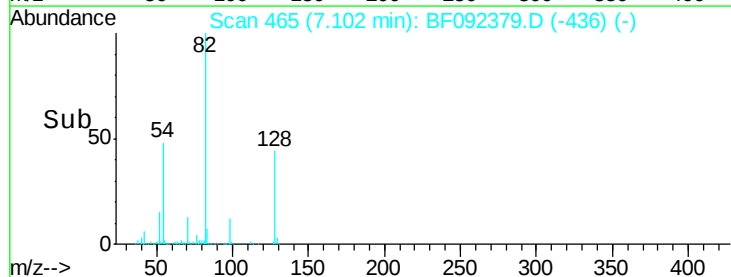
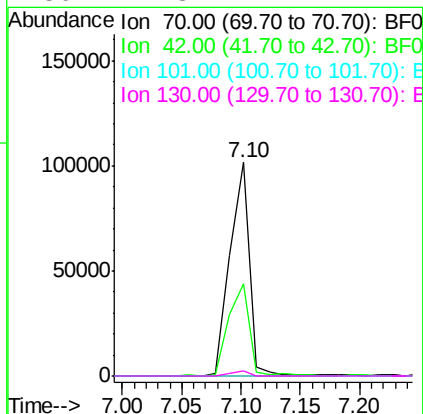
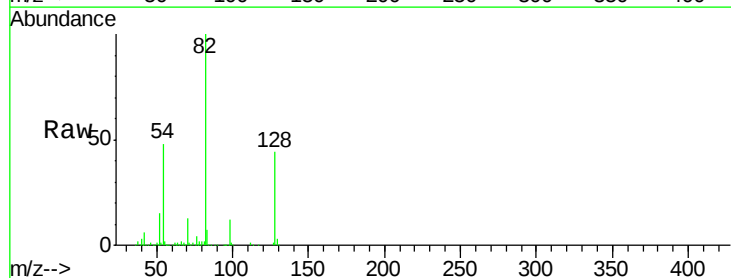
Ion Ratio Lower Upper

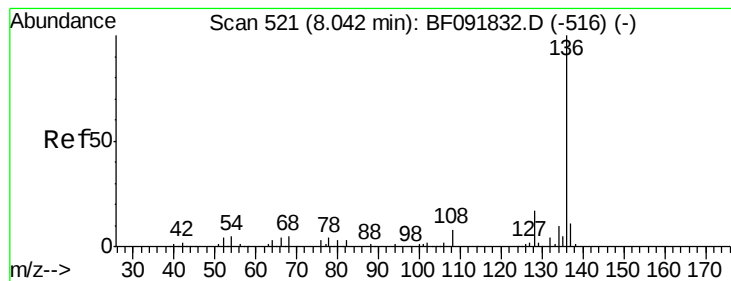
70 100

42 43.3 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 527

Delta R.T. -0.12 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 136 Resp: 745589

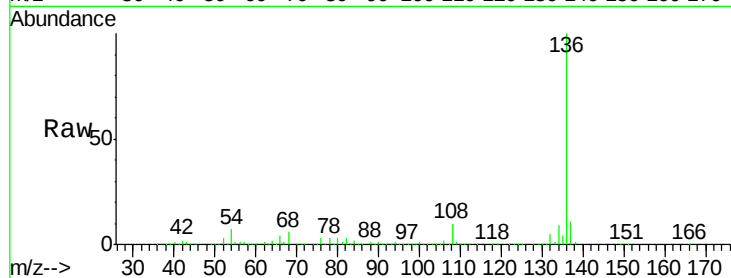
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 6.8 4.5 6.7#

68 5.8 3.6 5.4#

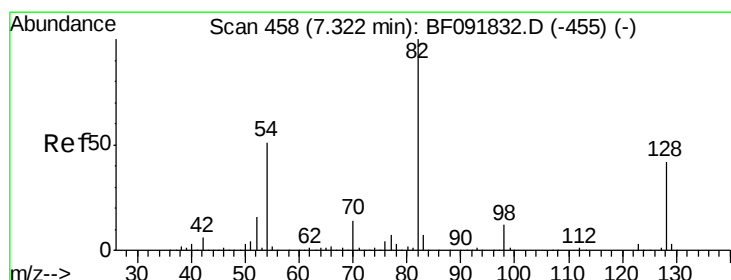
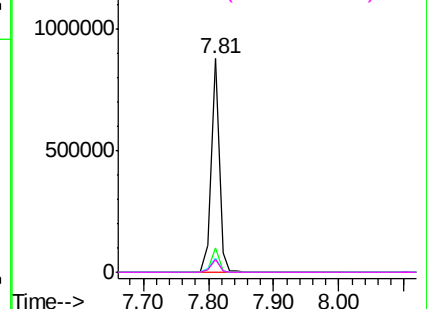
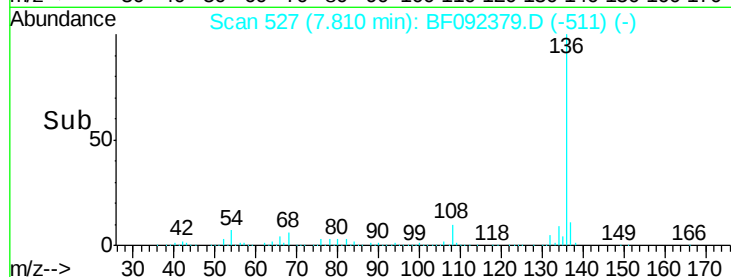


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.95 ng

RT: 7.10 min Scan# 465

Delta R.T. -0.11 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

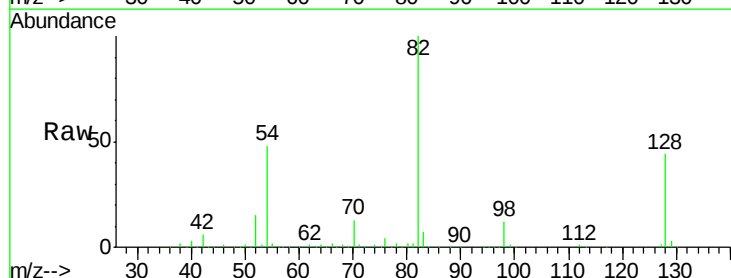
Tgt Ion: 82 Resp: 844105

Ion Ratio Lower Upper

82 100

128 44.0 34.6 52.0

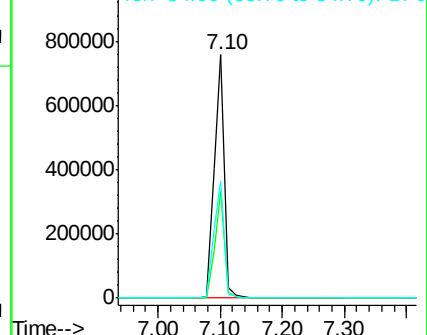
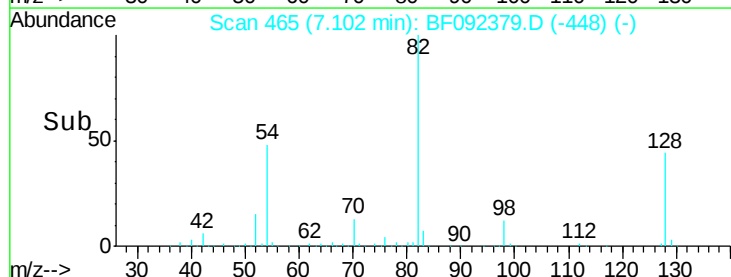
54 47.9 39.5 59.3

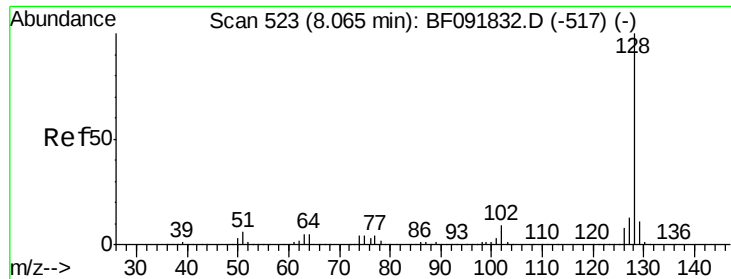


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

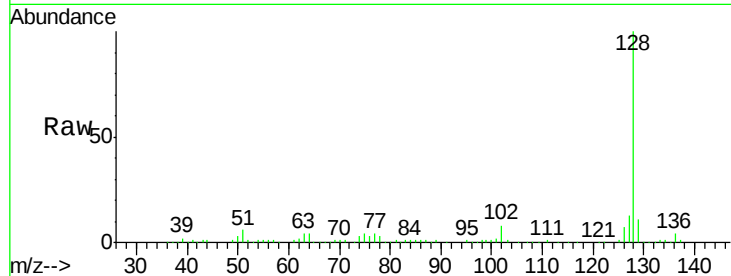




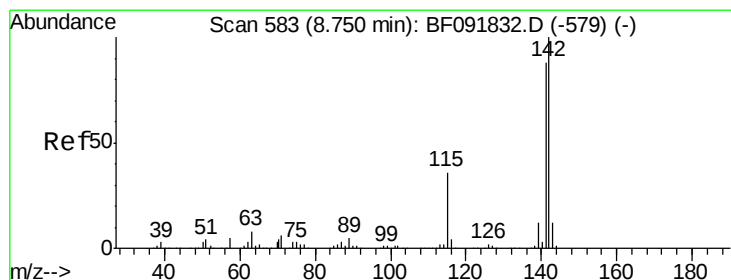
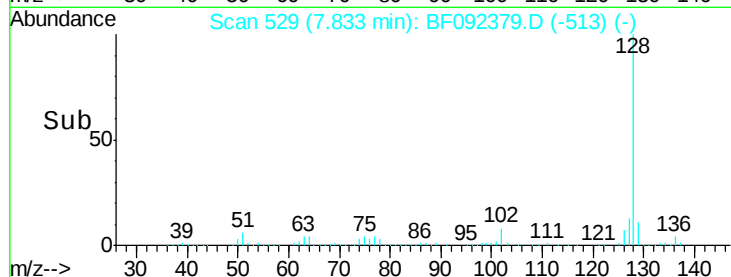
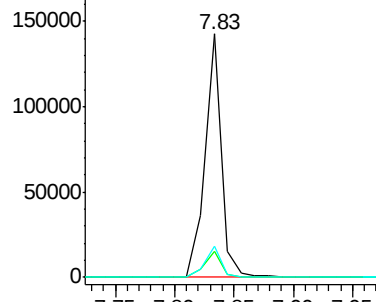
#31
Naphthalene
Concen: 4.01 ng
RT: 7.83 min Scan# 529
Delta R.T. -0.12 min
Lab File: BF092379.D
Acq: 20 Jan 2017 18:16

Instrument :
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Tgt Ion:128 Resp: 136688
Ion Ratio Lower Upper
128 100
129 10.7 9.5 14.3
127 12.6 10.8 16.2

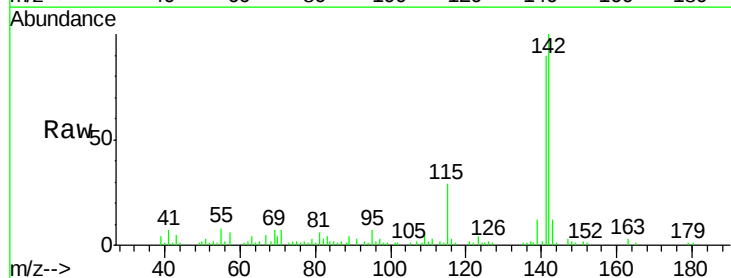


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

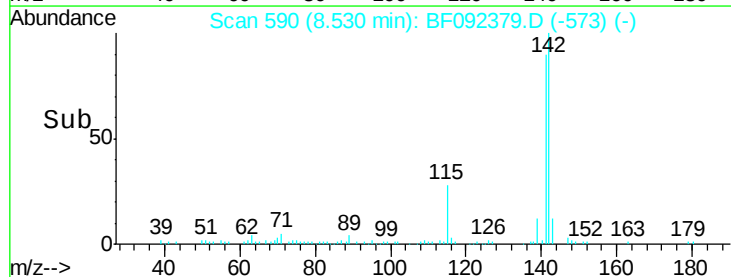
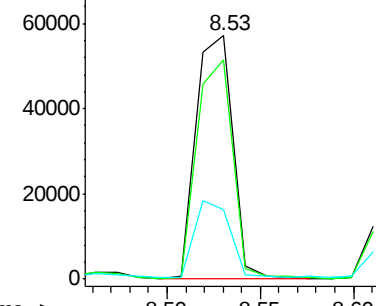


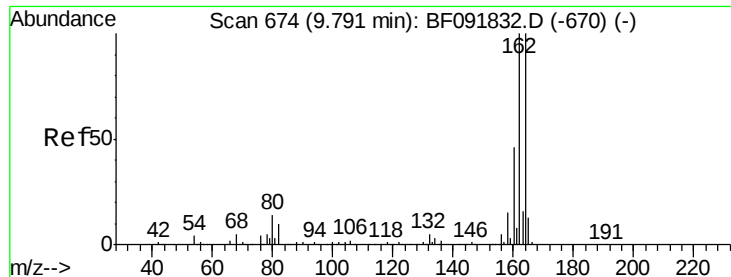
#37
2-Methylnaphthalene
Concen: 2.52 ng
RT: 8.53 min Scan# 590
Delta R.T. -0.11 min
Lab File: BF092379.D
Acq: 20 Jan 2017 18:16

Tgt Ion:142 Resp: 79074
Ion Ratio Lower Upper
142 100
141 90.2 71.0 106.6
115 28.7 28.3 42.5



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: 9.56 min Scan# 680

Delta R.T. -0.12 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

Instrument :

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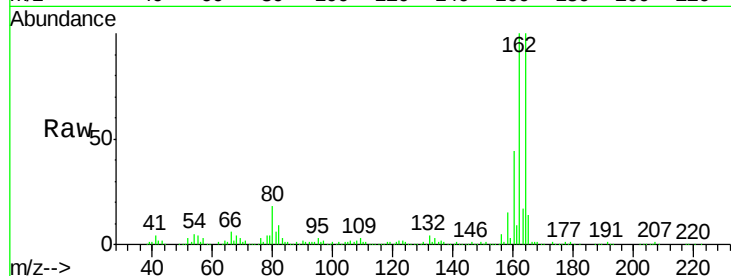
Tgt Ion:164 Resp: 323337

Ion Ratio Lower Upper

164 100

162 100.4 80.2 120.2

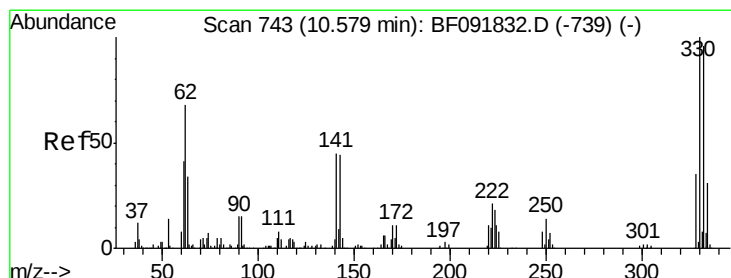
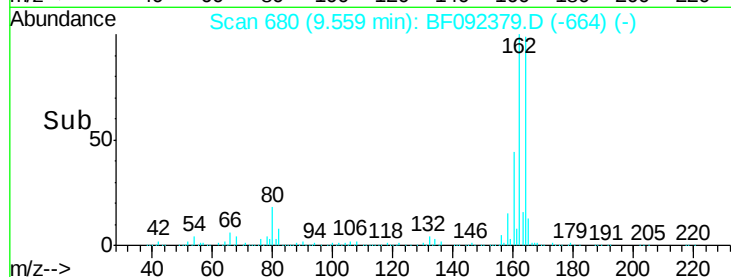
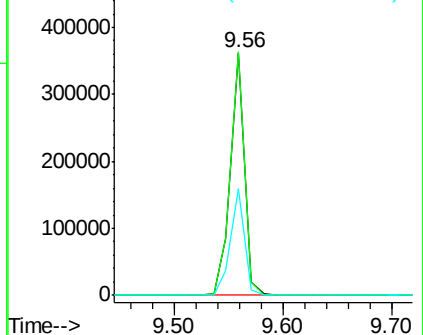
160 43.9 36.9 55.3



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: 99.13 ng

RT: 10.35 min Scan# 749

Delta R.T. -0.12 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

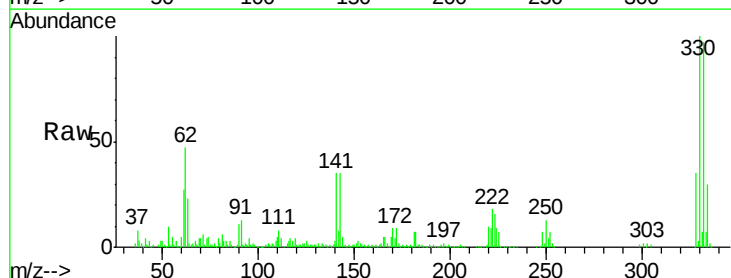
Tgt Ion:330 Resp: 265246

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

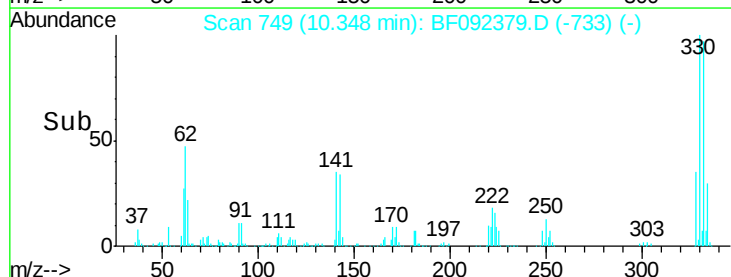
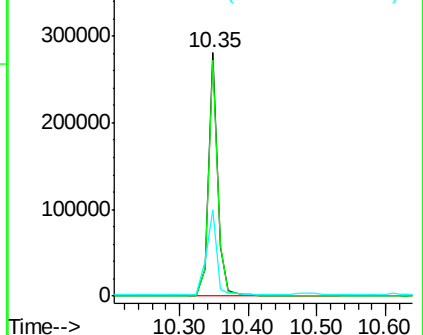
141 39.0 34.1 51.1

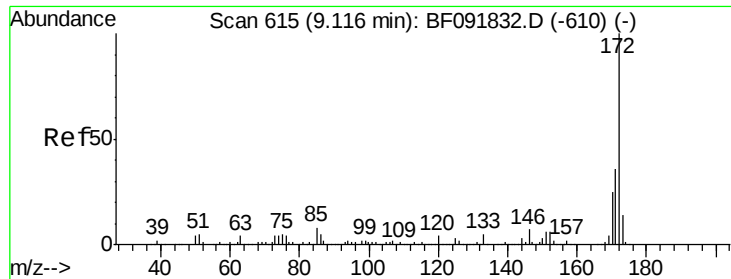


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

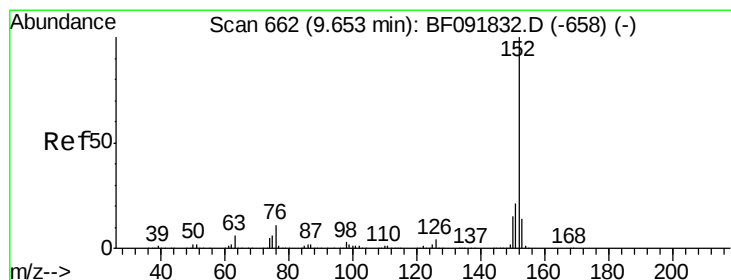
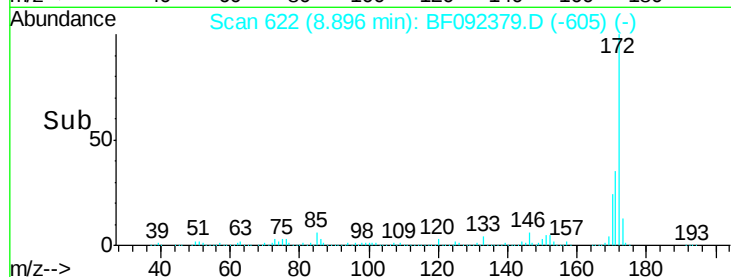
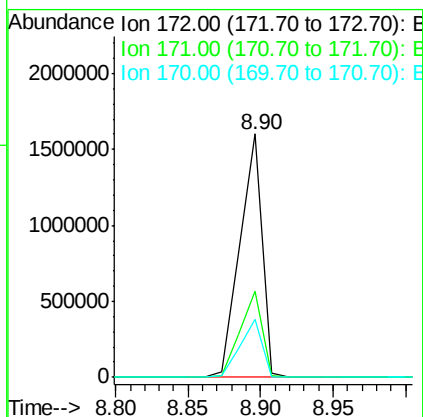
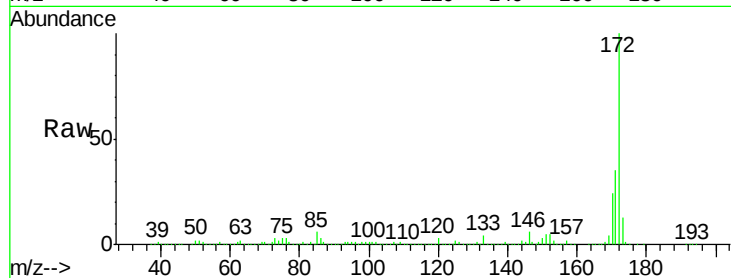




#44
2-Fluorobiphenyl
Concen: 111.91 ng
RT: 8.90 min Scan# 622
Delta R.T. -0.11 min
Lab File: BF092379.D
Acq: 20 Jan 2017 18:16

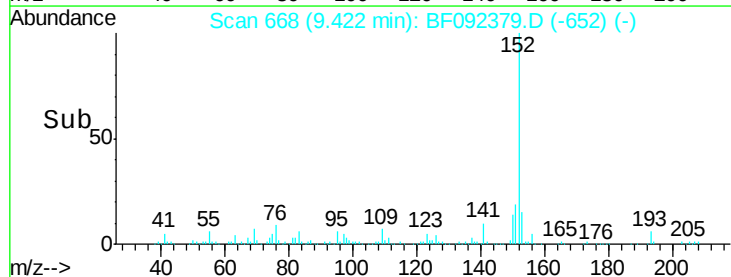
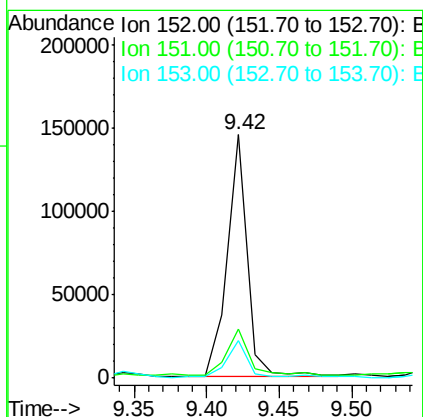
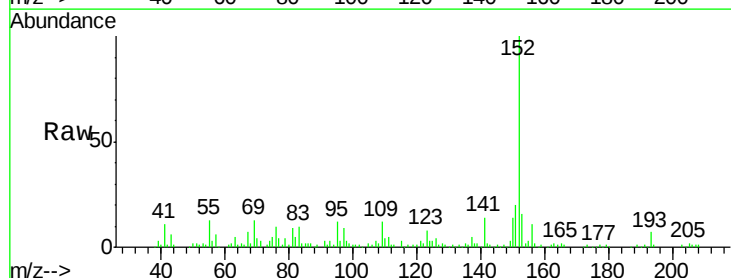
Instrument :
BNA_F
ClientSampleId :
B-3

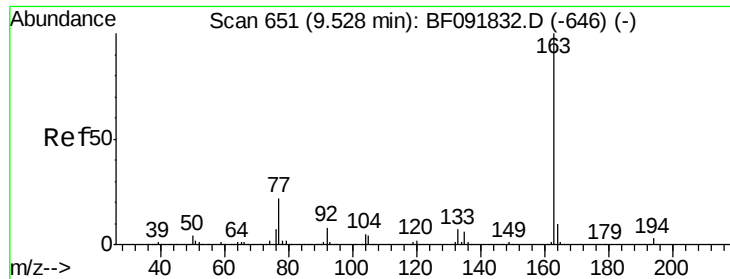
Tgt Ion:172 Resp: 1701546
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.0
170 24.0 20.2 30.4



#48
Acenaphthylene
Concen: 5.18 ng
RT: 9.42 min Scan# 668
Delta R.T. -0.12 min
Lab File: BF092379.D
Acq: 20 Jan 2017 18:16

Tgt Ion:152 Resp: 139657
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 15.6 11.4 17.2

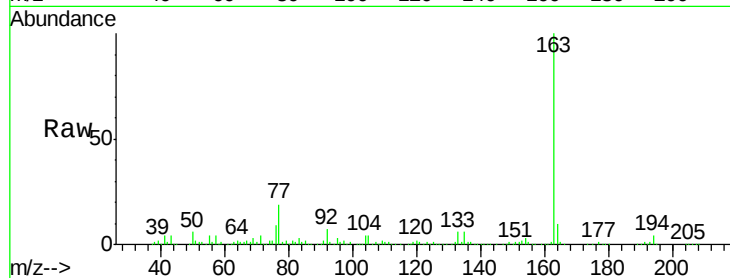




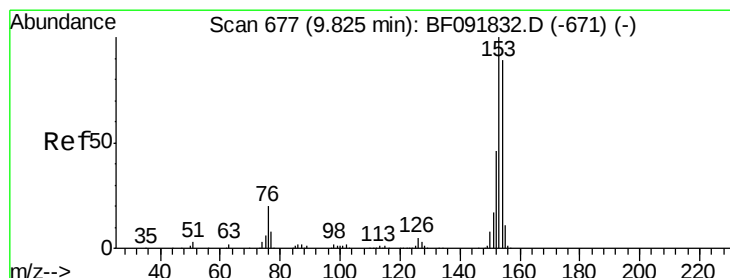
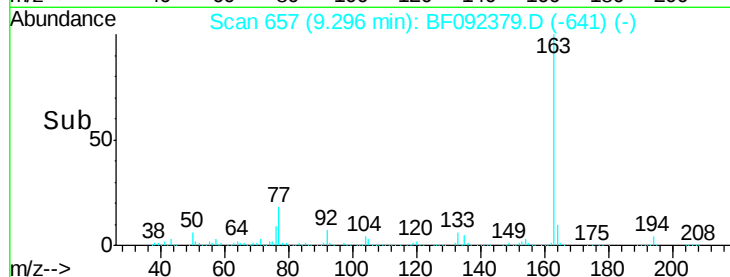
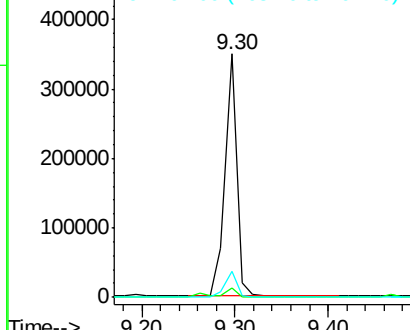
#49
Dimethylphthalate
Concen: 14.74 ng
RT: 9.30 min Scan# 657
Delta R.T. -0.12 min
Lab File: BF092379.D
Acq: 20 Jan 2017 18:16

Instrument :
BNA_F
ClientSampleId :
B-3

Tgt Ion:163 Resp: 304821
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.4 8.0 12.0

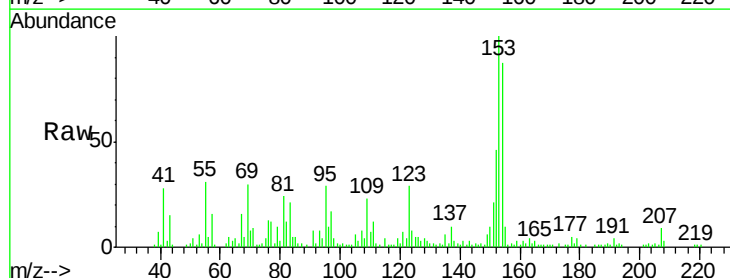


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

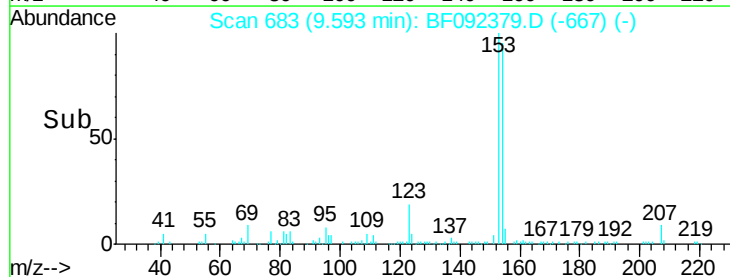
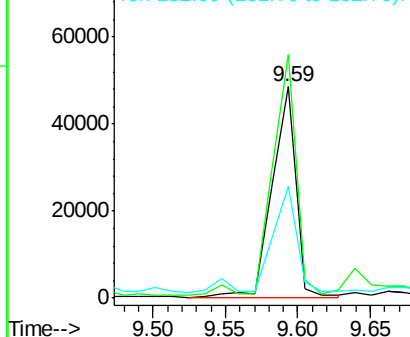


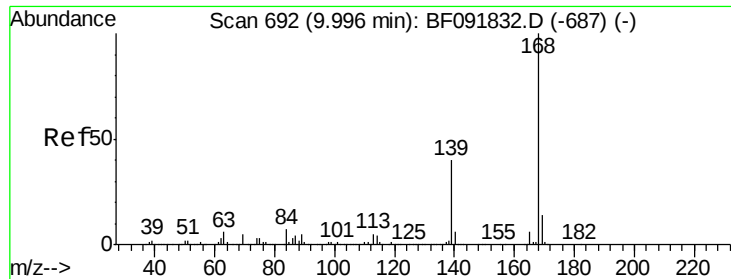
#51
Acenaphthene
Concen: 3.06 ng
RT: 9.59 min Scan# 683
Delta R.T. -0.12 min
Lab File: BF092379.D
Acq: 20 Jan 2017 18:16

Tgt Ion:154 Resp: 55908
Ion Ratio Lower Upper
154 100
153 115.3 88.6 133.0
152 52.9 41.6 62.4



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

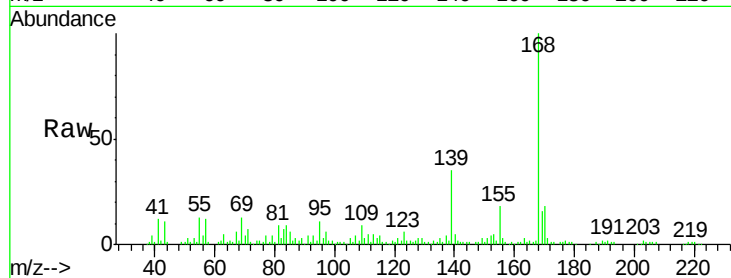




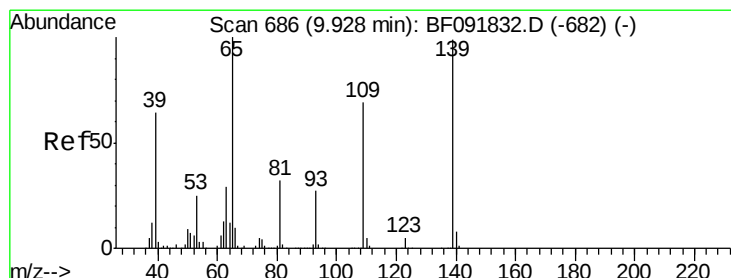
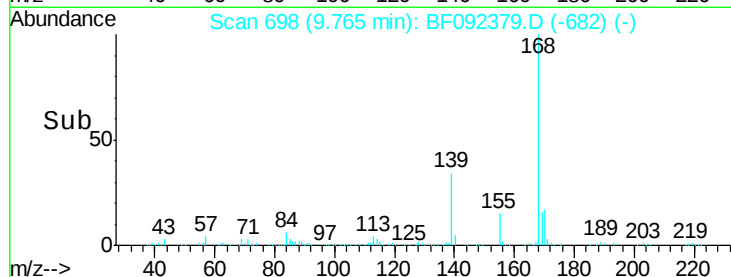
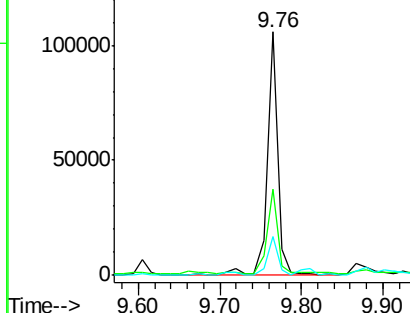
#54
Dibenzofuran
Concen: 3.97 ng
RT: 9.76 min Scan# 698
Delta R.T. -0.12 min
Lab File: BF092379.D
Acq: 20 Jan 2017 18:16

Instrument :
BNA_F
ClientSampled :
B-3

Tgt Ion:168 Resp: 97970
Ion Ratio Lower Upper
168 100
139 35.1 32.6 49.0
169 15.8 11.3 16.9

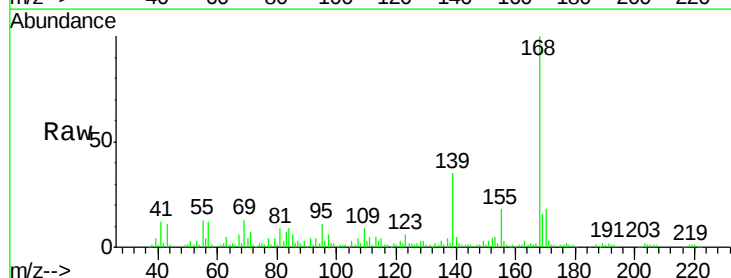


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

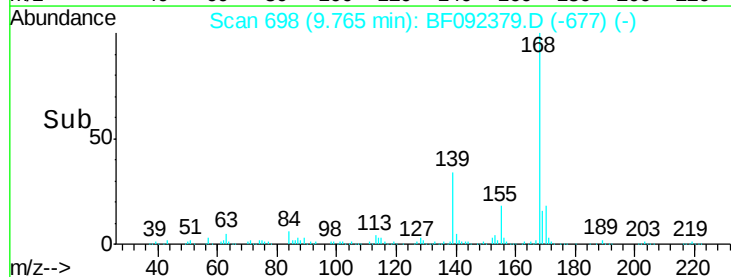
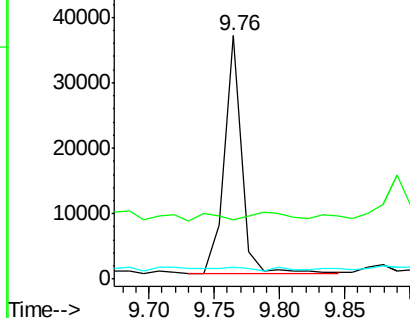


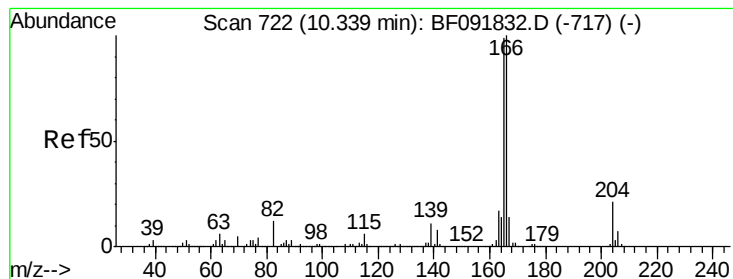
#55
4-Nitrophenol
Concen: 9.02 ng
RT: 9.76 min Scan# 698
Delta R.T. -0.07 min
Lab File: BF092379.D
Acq: 20 Jan 2017 18:16

Tgt Ion:139 Resp: 34316
Ion Ratio Lower Upper
139 100
109 24.4 52.2 92.2#
65 4.7 85.8 125.8#



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: 8.20 ng

RT: 10.11 min Scan# 728

Delta R.T. -0.12 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

Instrument :

BNA_F

ClientSampleId :

B-3

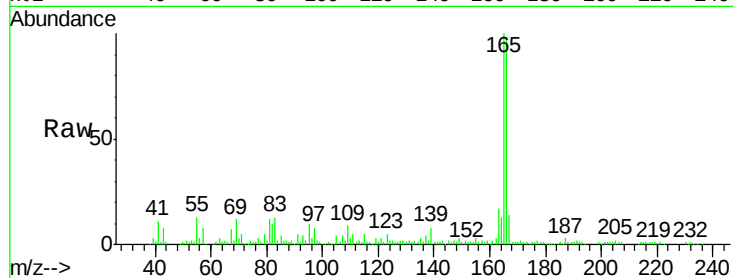
Tgt Ion:166 Resp: 147292

Ion Ratio Lower Upper

166 100

165 101.6 77.8 116.8

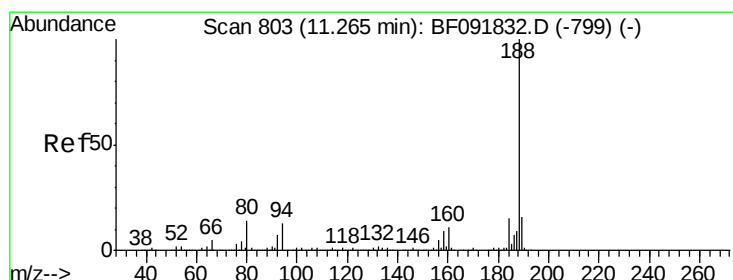
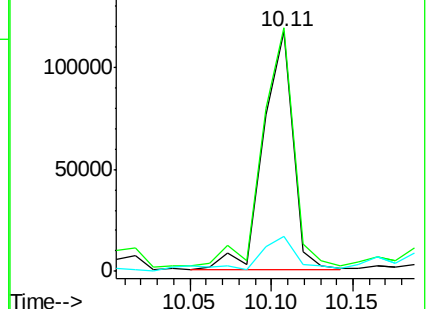
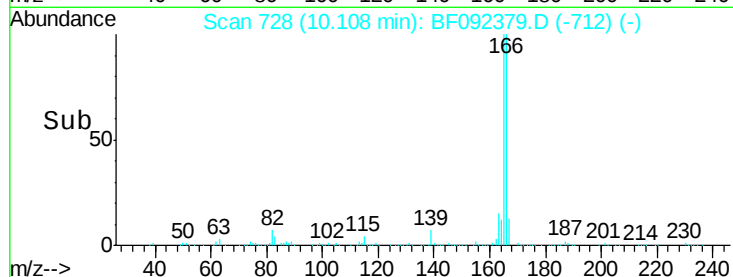
167 14.4 10.8 16.2



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: 11.03 min Scan# 809

Delta R.T. -0.12 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

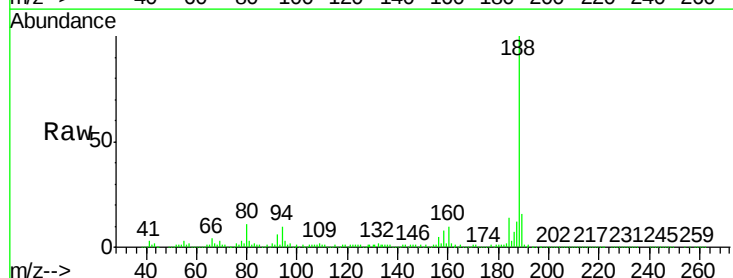
Tgt Ion:188 Resp: 427906

Ion Ratio Lower Upper

188 100

94 10.4 10.0 15.0

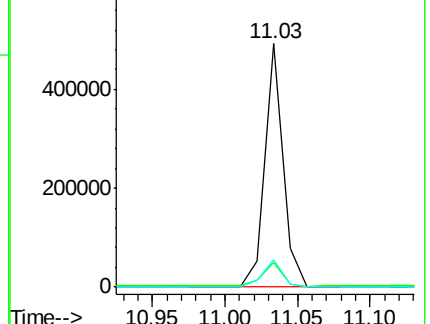
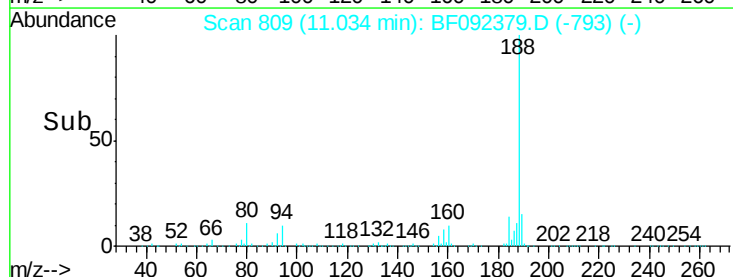
80 11.3 11.2 16.8

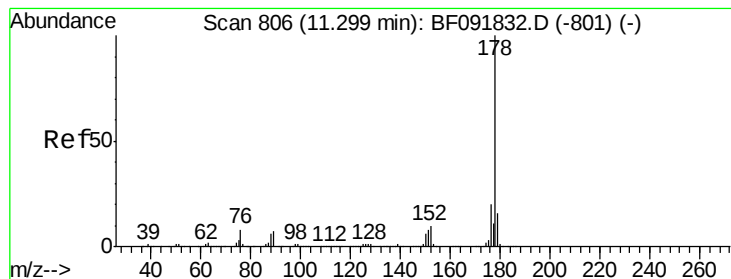


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 33.86 ng

RT: 11.06 min Scan# 811

Delta R.T. -0.12 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

Instrument :

BNA_F

ClientSampleId :

B-3

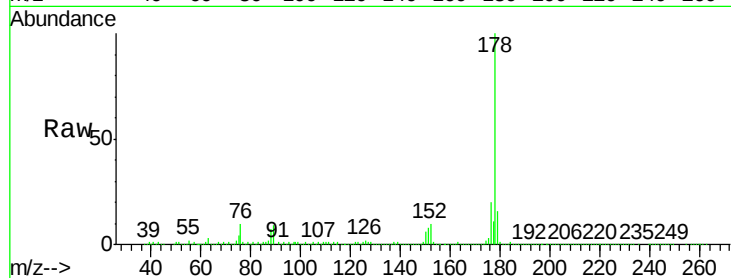
Tgt Ion:178 Resp: 785698

Ion Ratio Lower Upper

178 100

176 19.5 16.6 25.0

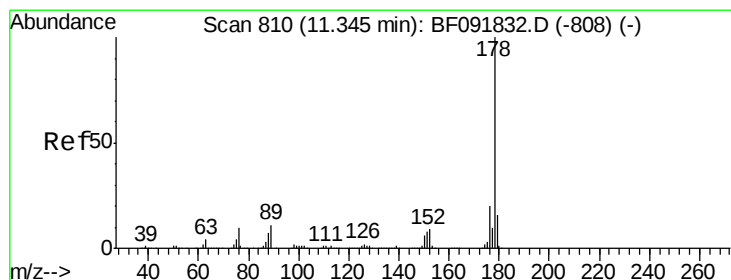
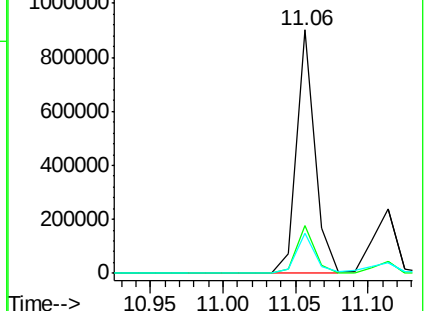
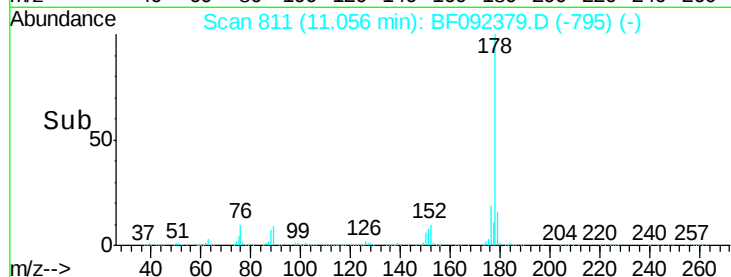
179 16.3 12.8 19.2



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: 9.69 ng

RT: 11.11 min Scan# 816

Delta R.T. -0.12 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

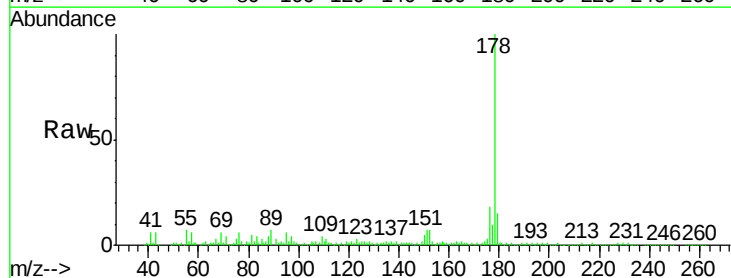
Tgt Ion:178 Resp: 262273

Ion Ratio Lower Upper

178 100

176 18.3 15.9 23.9

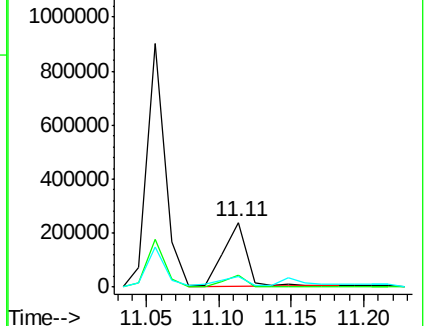
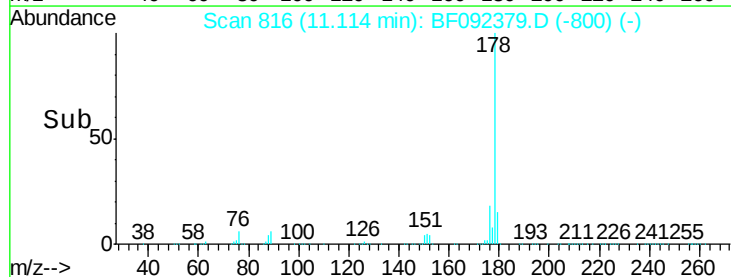
179 15.5 13.2 19.8

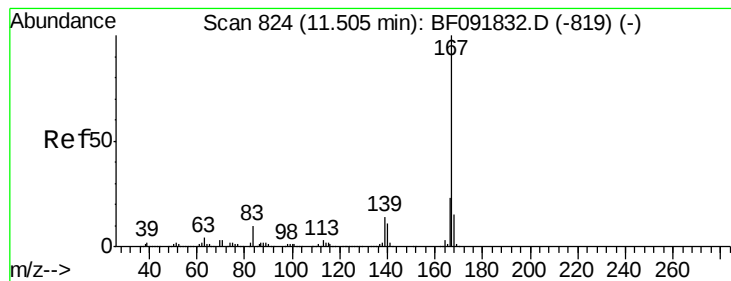


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.30 ng

RT: 11.27 min Scan# 830

Delta R.T. -0.12 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

Instrument :

BNA_F

ClientSampleId :

B-3

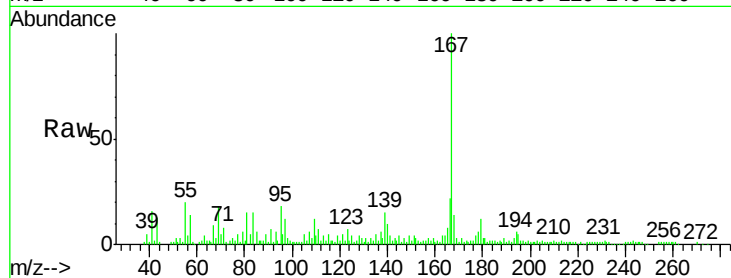
Tgt Ion:167 Resp: 86650

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

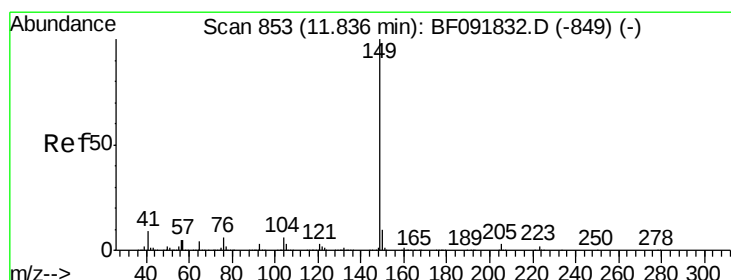
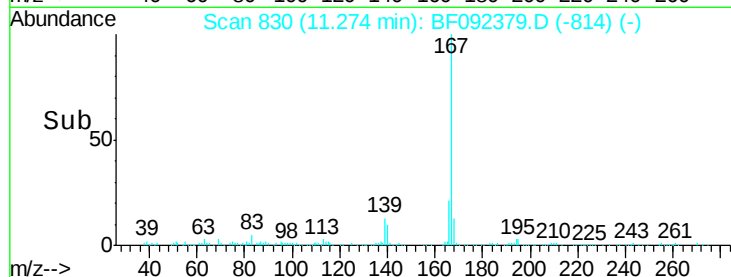
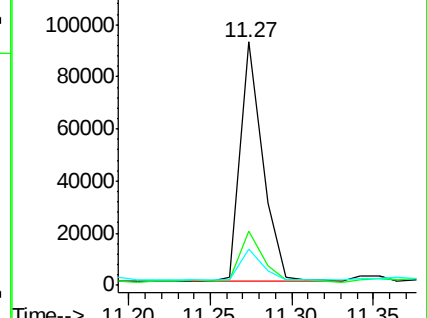
139 15.0 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.62 min Scan# 860

Delta R.T. -0.11 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

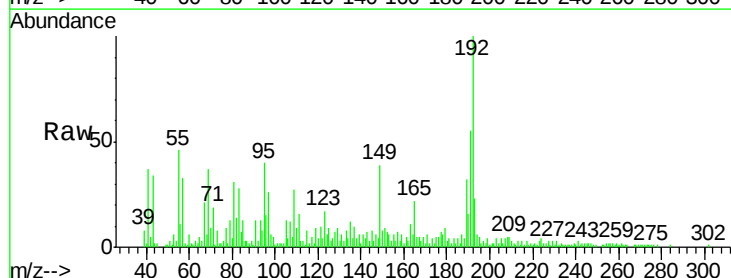
Tgt Ion:149 Resp: 13790

Ion Ratio Lower Upper

149 100

150 20.1 8.1 12.1#

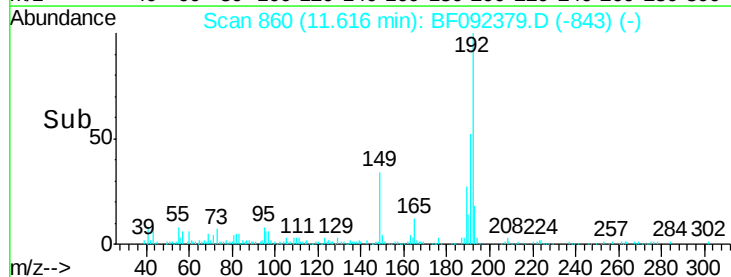
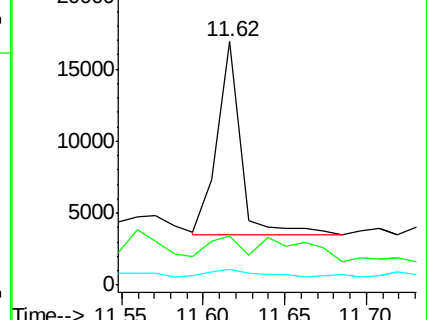
104 6.3 4.6 7.0

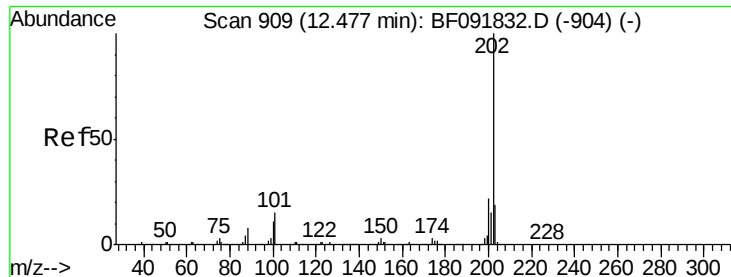


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 47.33 ng

RT: 12.25 min Scan# 915

Delta R.T. -0.12 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

Instrument :

BNA_F

ClientSampled :

B-3

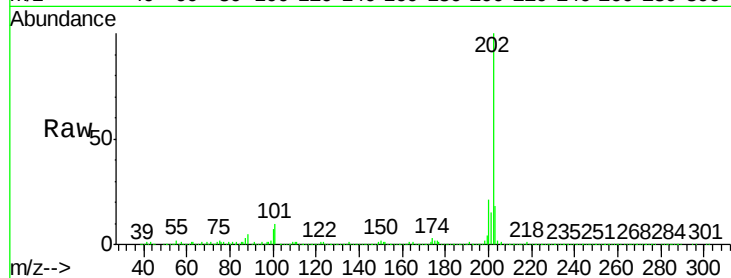
Tgt Ion:202 Resp: 959457

Ion Ratio Lower Upper

202 100

101 10.1 0.0 34.6

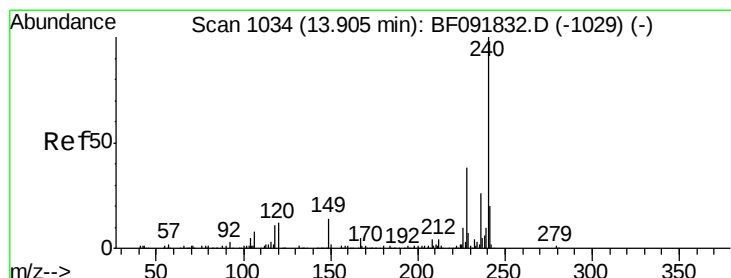
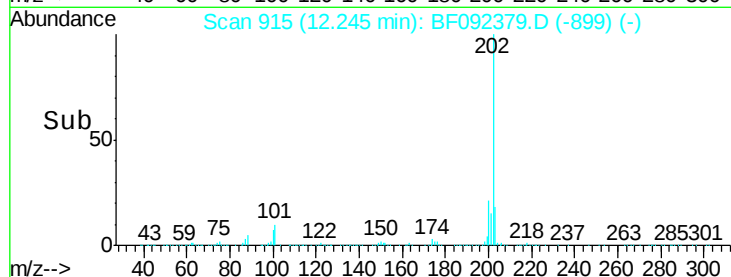
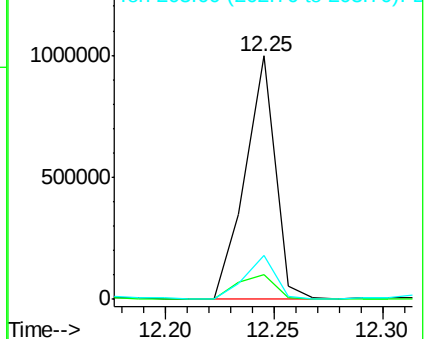
203 17.8 0.0 38.7



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: 13.66 min Scan# 1039

Delta R.T. -0.12 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

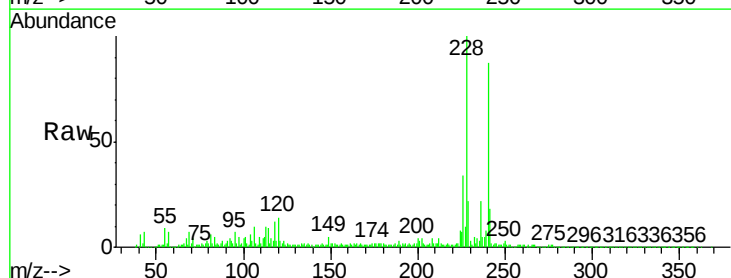
Tgt Ion:240 Resp: 318253

Ion Ratio Lower Upper

240 100

120 16.3 12.9 19.3

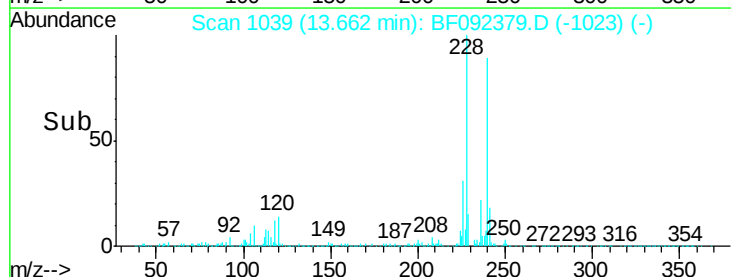
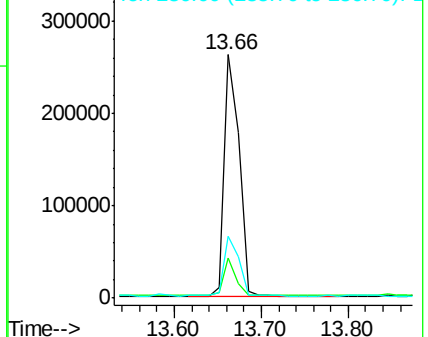
236 25.6 20.9 31.3

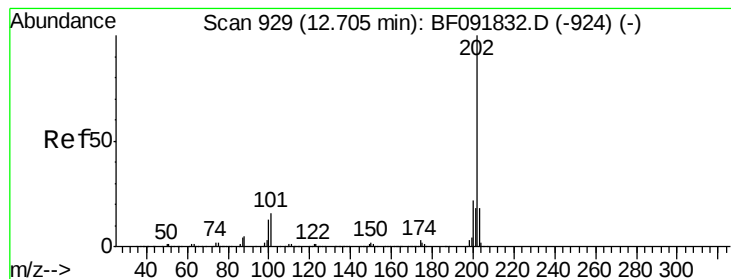


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 39.31 ng

RT: 12.46 min Scan# 934

Delta R.T. -0.12 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

Instrument :

BNA_F

ClientSampleId :

B-3

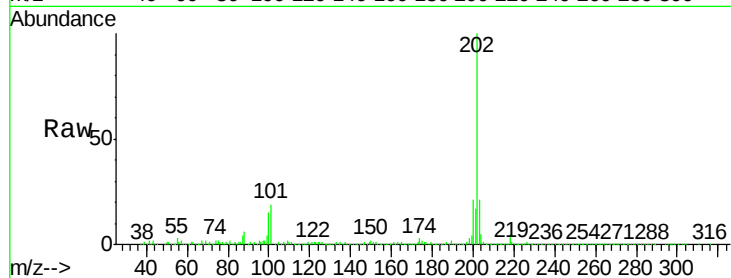
Tgt Ion:202 Resp: 918005

Ion Ratio Lower Upper

202 100

200 20.9 17.7 26.5

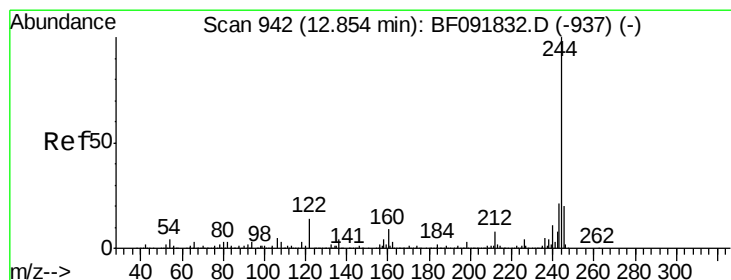
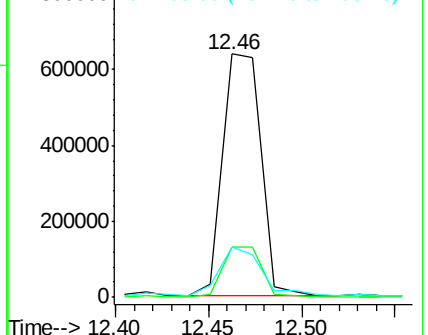
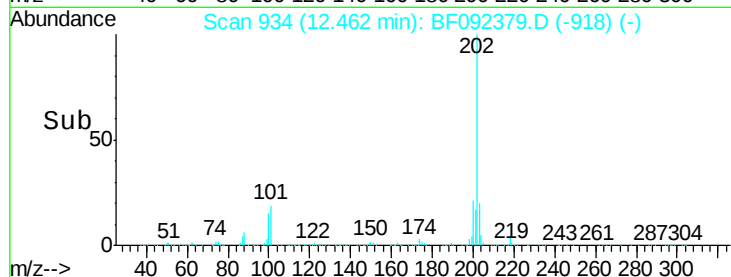
203 20.8 14.7 22.1



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: 81.10 ng

RT: 12.62 min Scan# 948

Delta R.T. -0.12 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

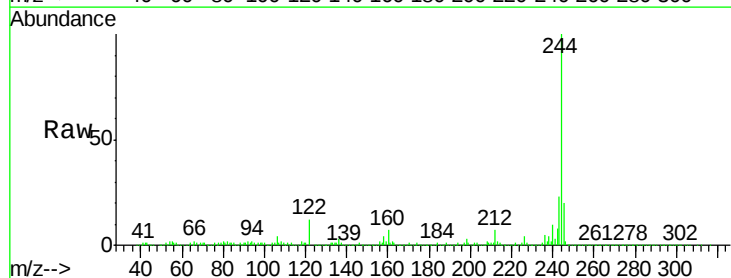
Tgt Ion:244 Resp: 1064270

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

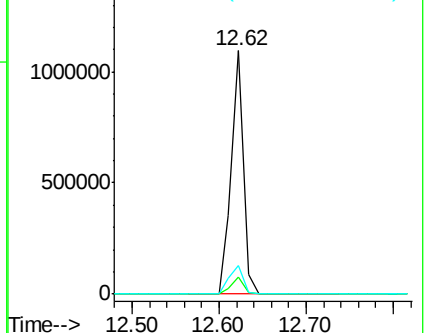
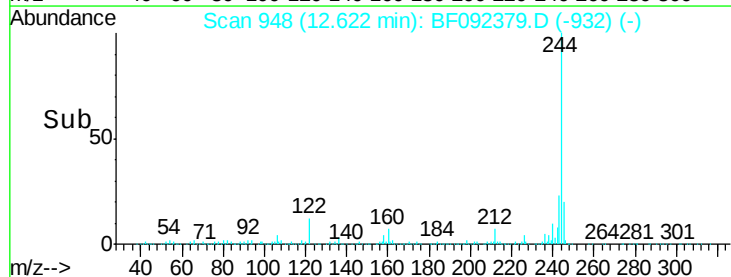
122 11.8 11.4 17.2

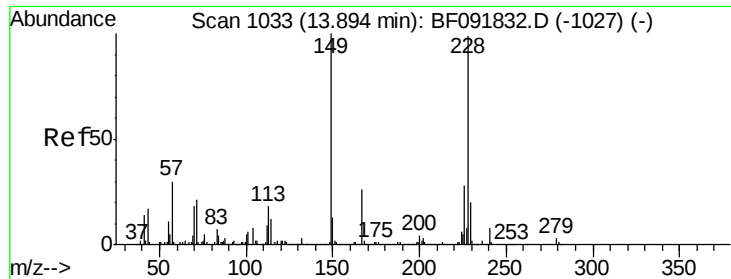


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 25.93 ng

RT: 13.66 min Scan# 1039

Delta R.T. -0.11 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

Instrument :

BNA_F

ClientSampleId :

B-3

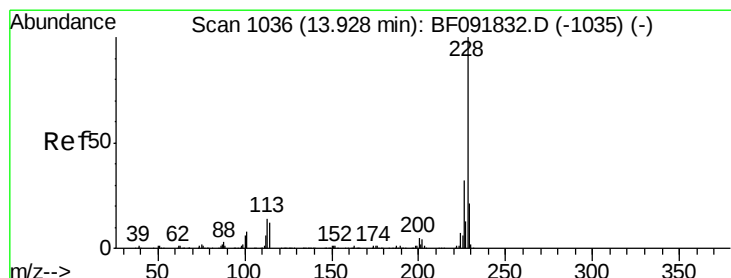
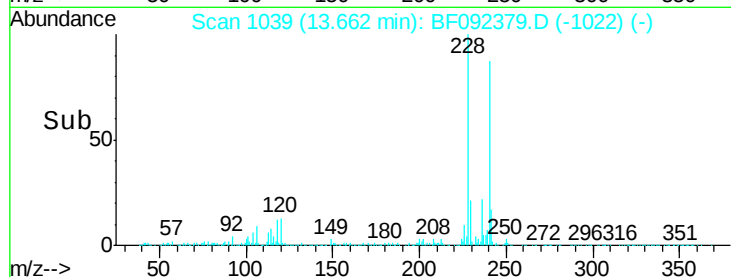
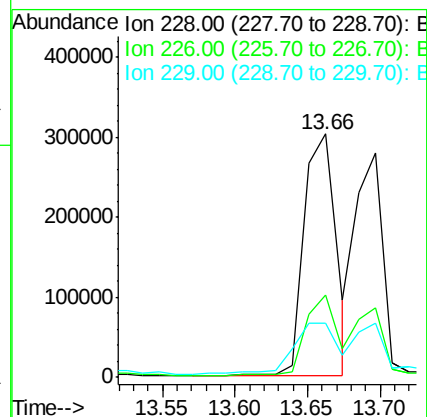
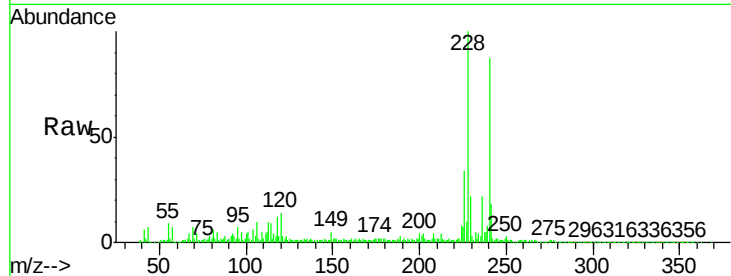
Tgt Ion:228 Resp: 465749

Ion Ratio Lower Upper

228 100

226 34.0 22.4 33.6#

229 22.5 16.2 24.4



#82

Chrysene

Concen: 25.85 ng

RT: 13.66 min Scan# 1039

Delta R.T. -0.15 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

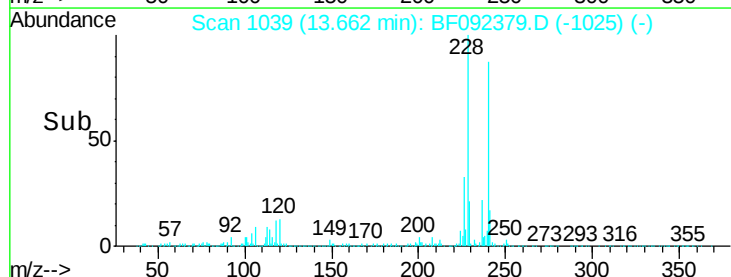
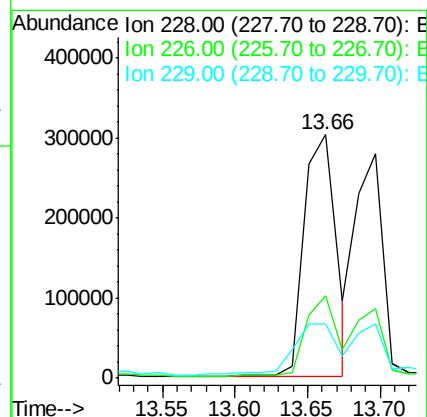
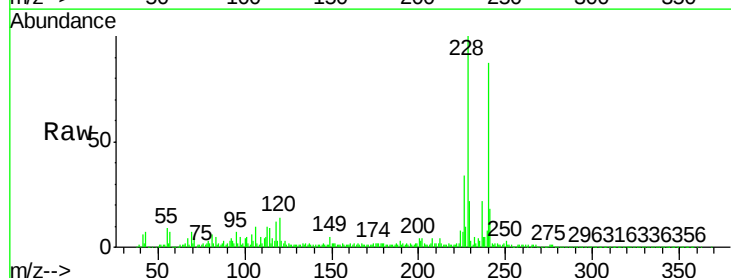
Tgt Ion:228 Resp: 465749

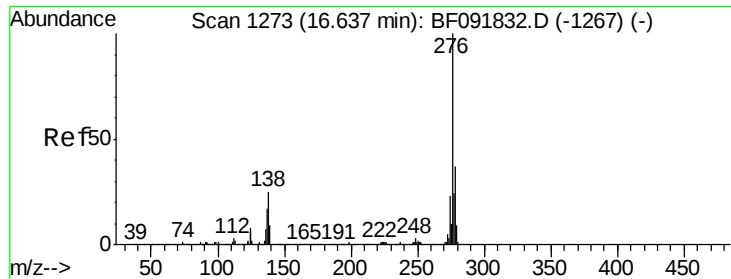
Ion Ratio Lower Upper

228 100

226 34.0 25.4 38.0

229 22.5 16.2 24.2

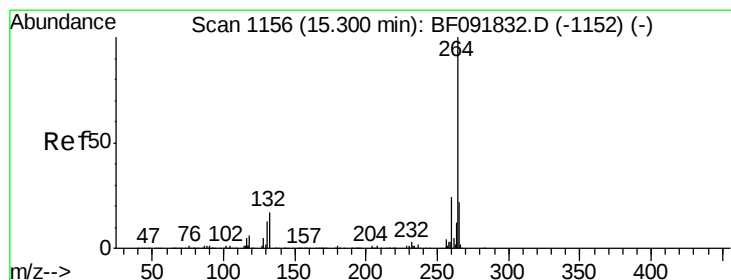
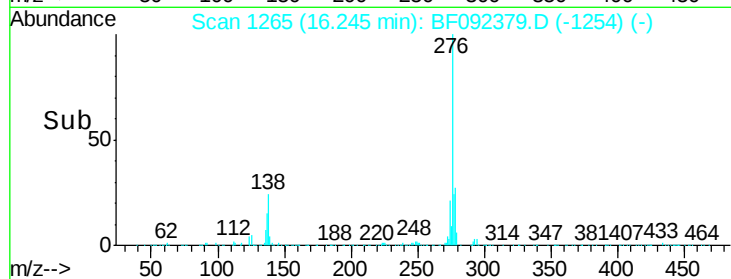
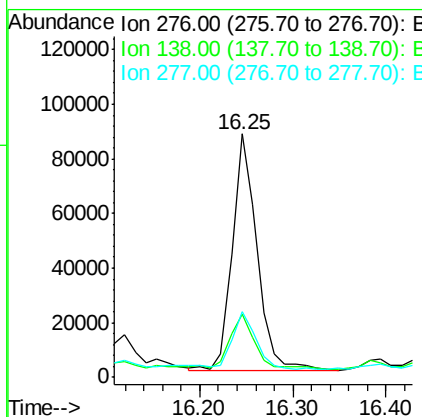
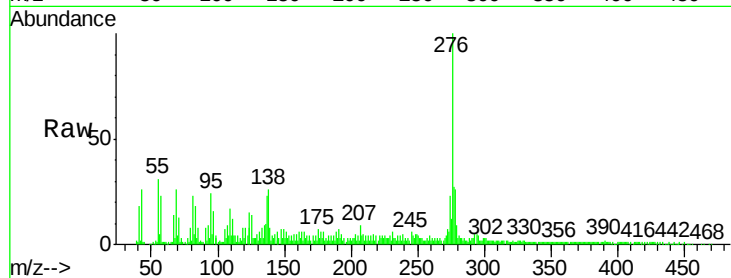




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 10.30 ng
 RT: 16.25 min Scan# 1265
 Delta R.T. -0.18 min
 Lab File: BF092379.D
 Acq: 20 Jan 2017 18:16

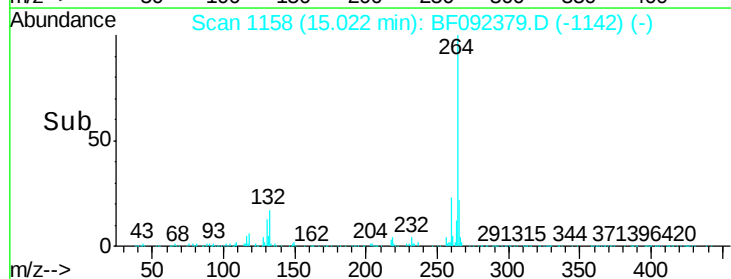
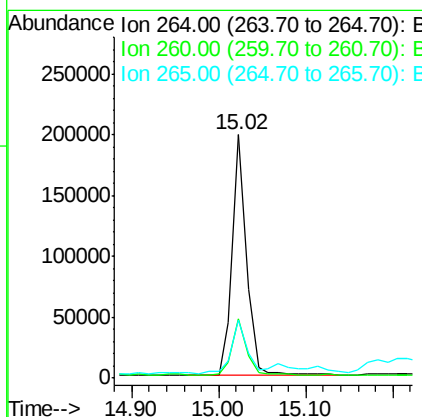
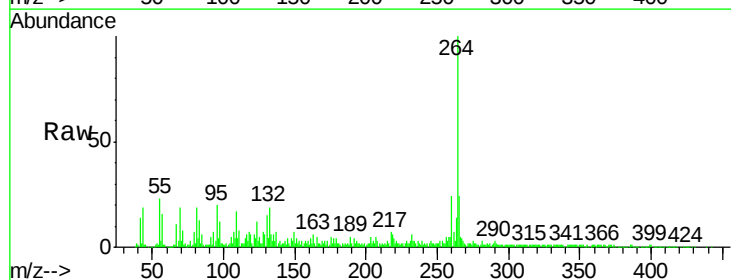
Instrument :
 BNA_F
 ClientSampleId :
 B-3

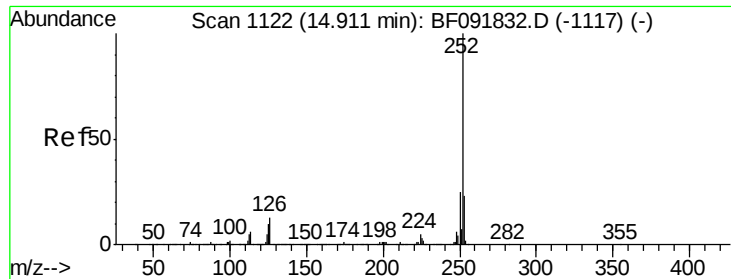
Tgt Ion: 276 Resp: 160771
 Ion Ratio Lower Upper
 276 100
 138 25.0 21.8 32.6
 277 22.7 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1158
 Delta R.T. -0.12 min
 Lab File: BF092379.D
 Acq: 20 Jan 2017 18:16

Tgt Ion: 264 Resp: 226976
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 24.1 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 37.06 ng

RT: 14.67 min Scan# 1127

Delta R.T. -0.11 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

Instrument :

BNA_F

ClientSampleId :

B-3

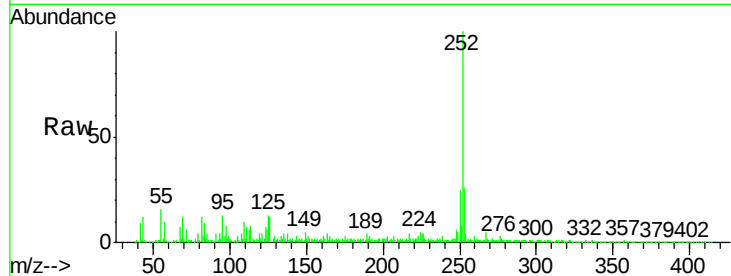
Tgt Ion:252 Resp: 523667

Ion Ratio Lower Upper

252 100

253 25.7 18.2 27.4

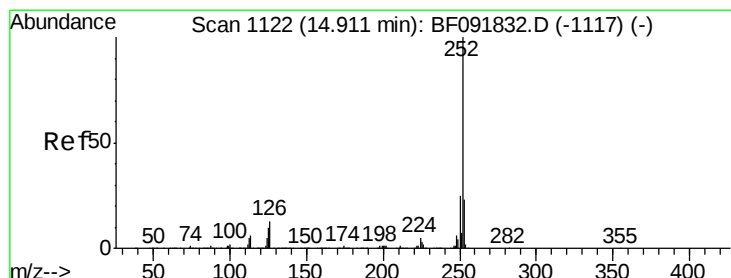
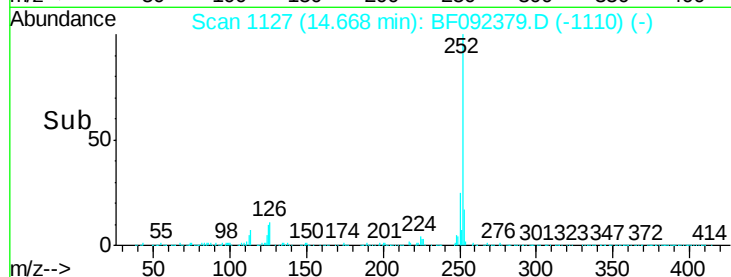
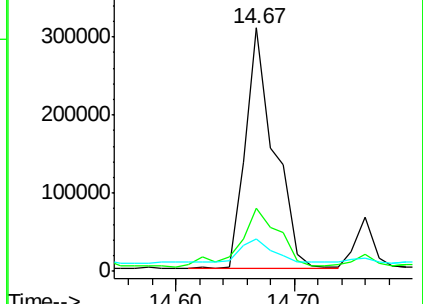
125 13.4 9.8 14.6



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



#88

Benzo(k)fluoranthene

Concen: 43.46 ng

RT: 14.67 min Scan# 1127

Delta R.T. -0.13 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

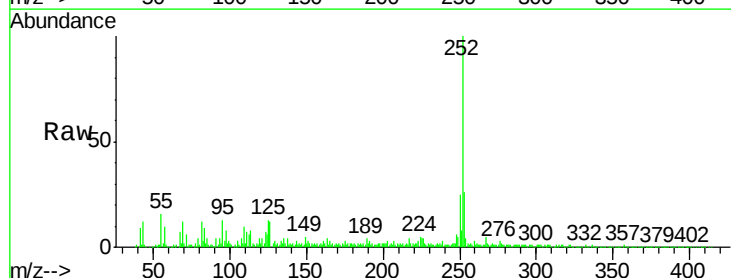
Tgt Ion:252 Resp: 523667

Ion Ratio Lower Upper

252 100

253 25.7 18.5 27.7

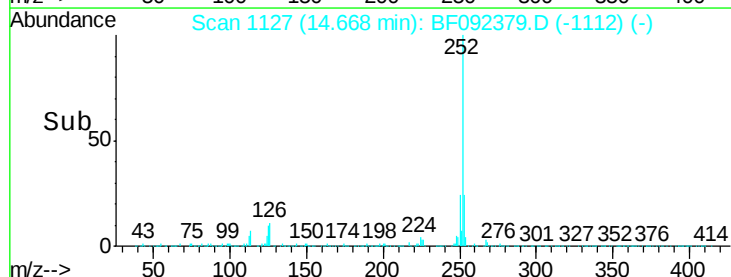
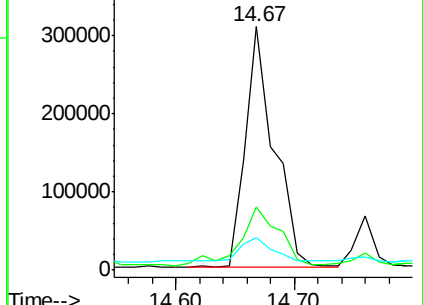
125 13.4 8.9 13.3#

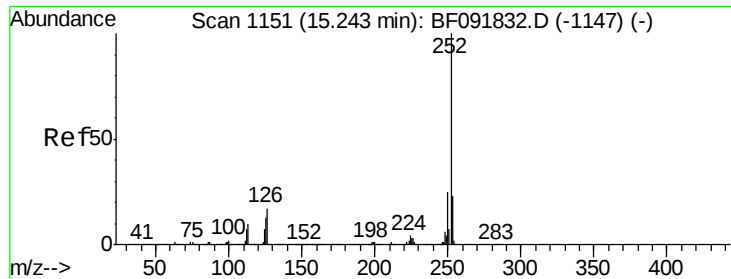


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 22.75 ng

RT: 14.98 min Scan# 1154

Delta R.T. -0.12 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

Instrument :

BNA_F

ClientSampleId :

B-3

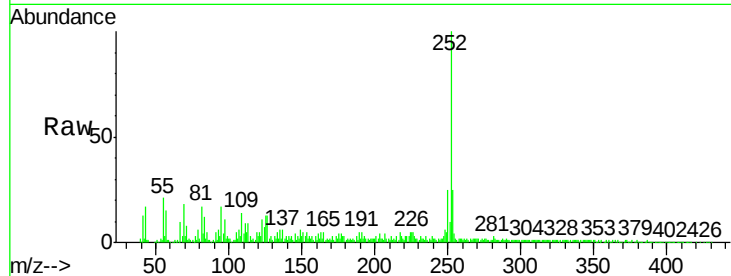
Tgt Ion:252 Resp: 285352

Ion Ratio Lower Upper

252 100

253 25.4 18.2 27.2

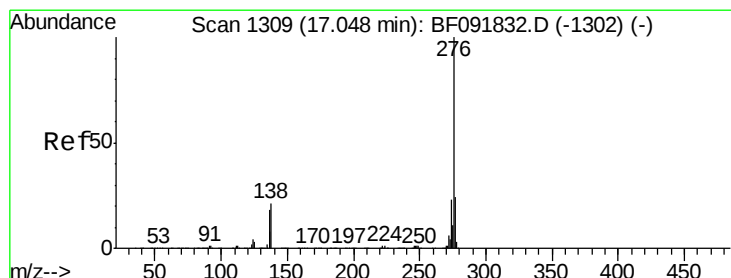
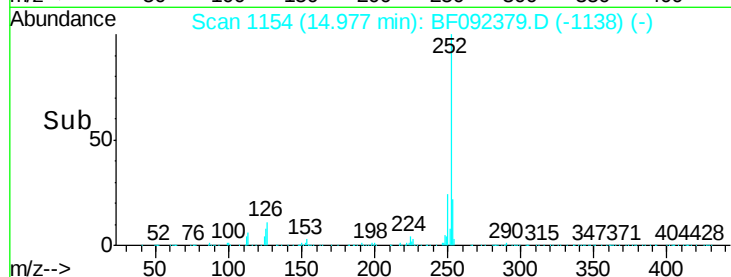
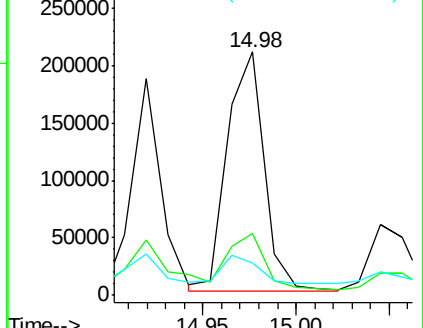
125 13.2 10.0 15.0



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



#91

Benzo(g,h,i)perylene

Concen: 14.67 ng

RT: 16.61 min Scan# 1297

Delta R.T. -0.19 min

Lab File: BF092379.D

Acq: 20 Jan 2017 18:16

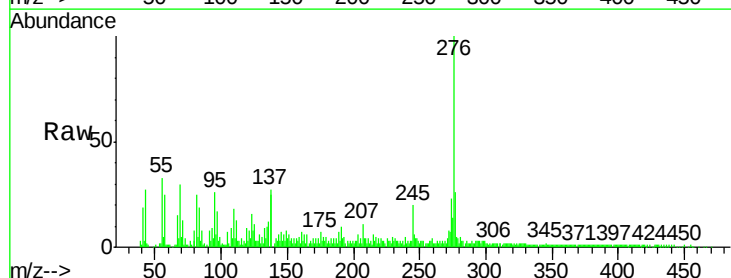
Tgt Ion:276 Resp: 157258

Ion Ratio Lower Upper

276 100

277 26.2 19.2 28.8

138 24.8 16.0 24.0#



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

