

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
 Data File : BF084924.D
 Acq On : 6 Feb 2016 20:59
 Operator : SJ/IZ
 Sample : H1320-08DL 2X
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B012(5-7)DL

Quant Time: Feb 08 01:26:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	160448	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	644685	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	279196	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	434683	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	296617	20.00	ng	-0.03
86) Perylene-d12	15.17	264	318817	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	784433	76.15	ng	-0.02
7) Phenol-d6	6.32	99	998003	78.15	ng	-0.02
23) Nitrobenzene-d5	7.23	82	626574	54.75	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	208209	71.49	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	882848	45.81	ng	-0.03
78) Terphenyl-d14	12.76	244	605844	46.28	ng	-0.03

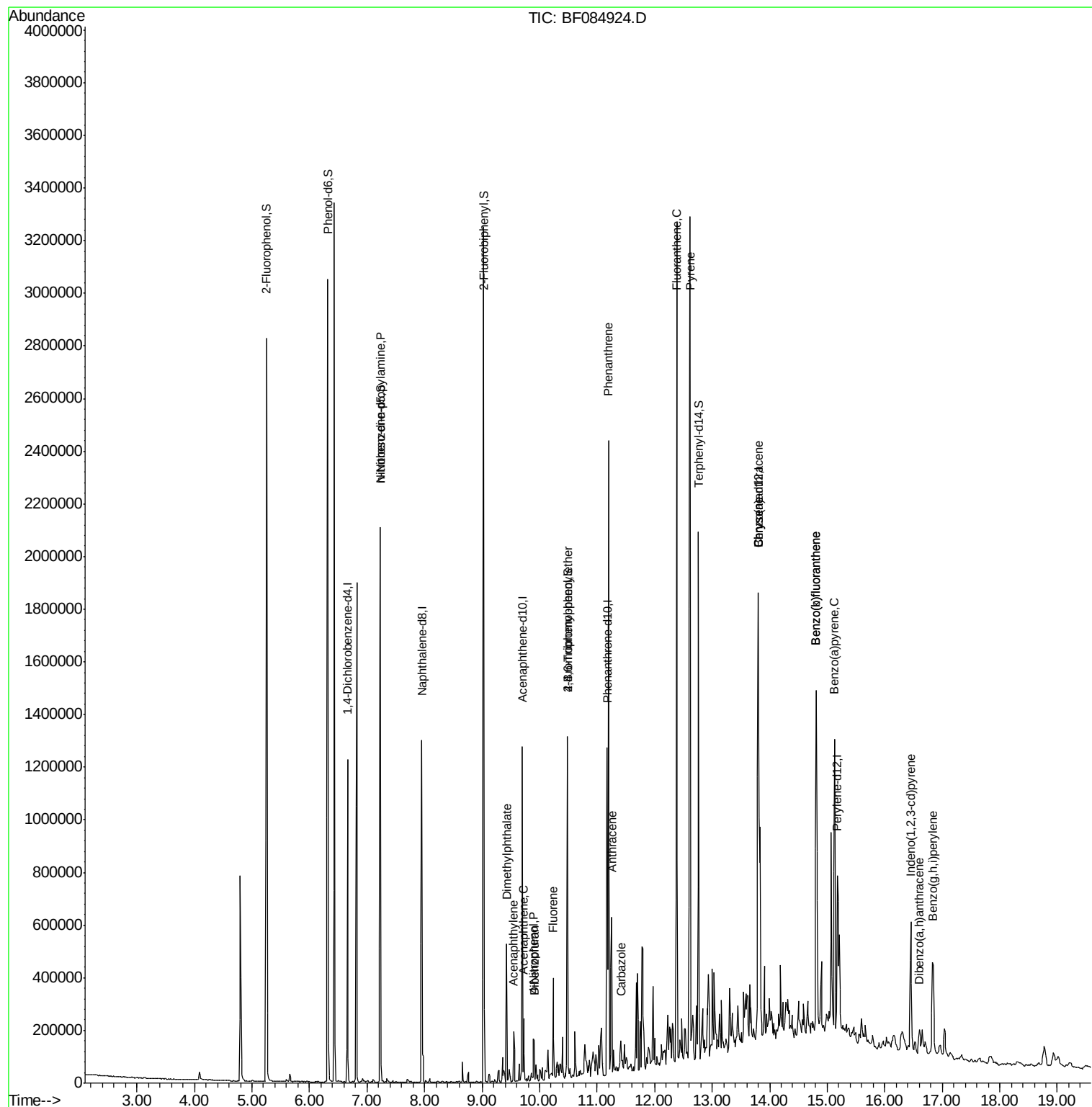
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	86041	10.75	ng	# 72
48) Acenaphthylene	9.55	152	98372	3.53	ng	97
49) Dimethylphthalate	9.42	163	179885	8.46	ng	# 90
51) Acenaphthene	9.72	154	59152	3.26	ng	96
54) Dibenzofuran	9.90	168	77696	3.51	ng	93
55) 4-Nitrophenol	9.89	139	29321	7.64	ng	# 13
57) Fluorene	10.24	166	110692	5.98	ng	99
66) 4-Bromophenyl-phenylether	10.49	248	12609	2.63	ng	# 1
70) Phenanthrene	11.20	178	1020890	42.34	ng	98
71) Anthracene	11.25	178	311814	12.84	ng	98
72) Carbazole	11.41	167	54308	2.56	ng	97
74) Fluoranthene	12.38	202	1346603	55.19	ng	99
77) Pyrene	12.61	202	1312639	57.80	ng	98
80) Benzo(a)anthracene	13.80	228	1038287	56.40	ng	97
82) Chrysene	13.80	228	1038287	58.16	ng	99
85) Indeno(1,2,3-cd)pyrene	16.45	276	318624	22.67	ng	94
87) Benzo(b)fluoranthene	14.81	252	886554	41.39	ng	# 96
88) Benzo(k)fluoranthene	14.81	252	886554	50.05	ng	99
89) Benzo(a)pyrene	15.13	252	520958	28.54	ng	97
90) Dibenzo(a,h)anthracene	16.60	278	55947	3.64	ng	95
91) Benzo(g,h,i)perylene	16.84	276	288930	18.67	ng	96

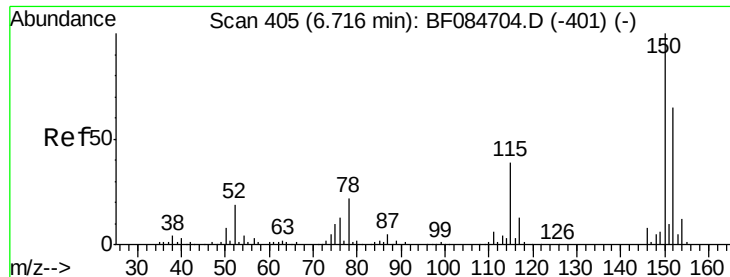
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

S4-B012(5-7)DL

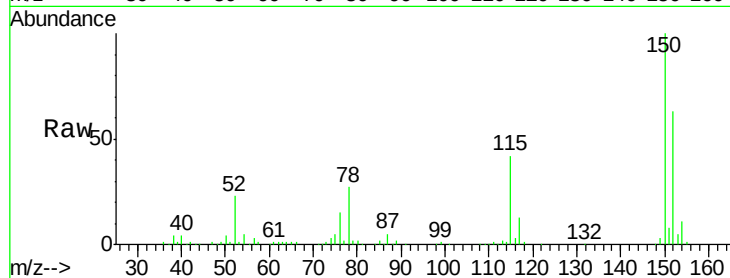
Tgt Ion:152 Resp: 160448

Ion Ratio Lower Upper

152 100

150 159.3 123.0 184.4

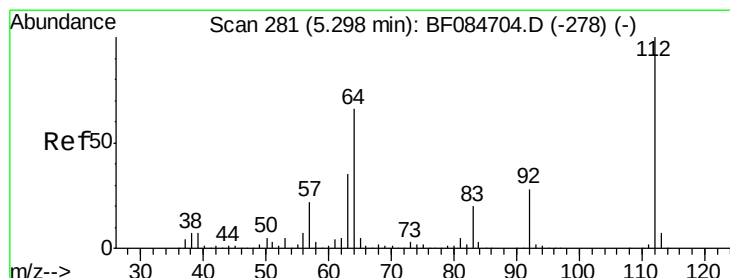
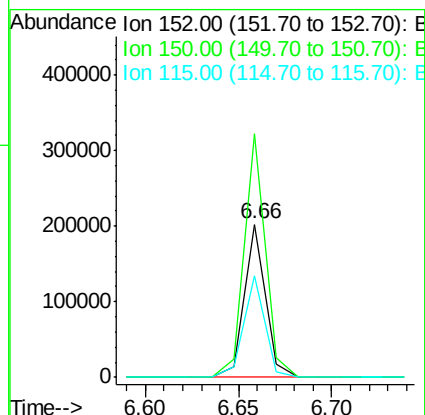
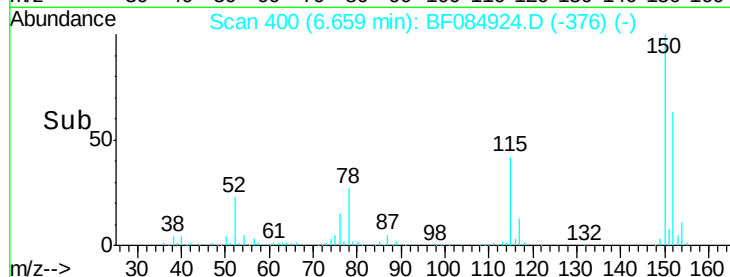
115 66.7 51.4 77.2



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: 76.15 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

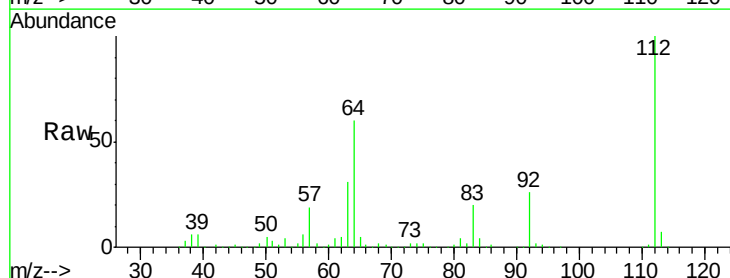
Tgt Ion:112 Resp: 784433

Ion Ratio Lower Upper

112 100

64 59.9 36.6 55.0#

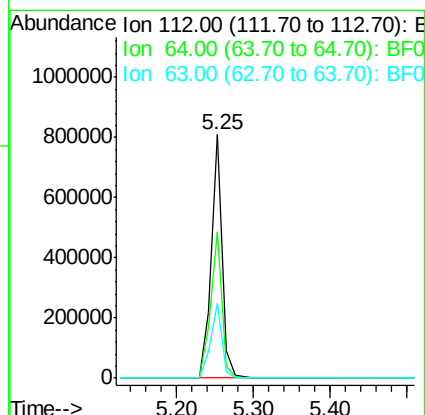
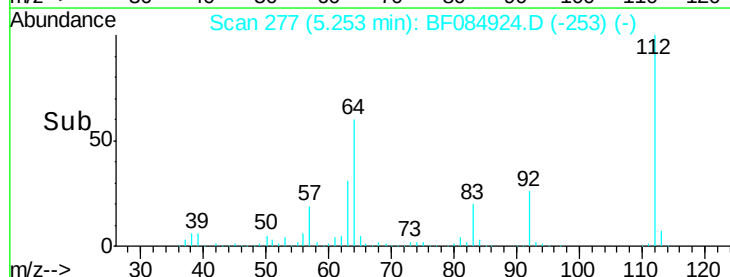
63 30.7 19.4 29.0#

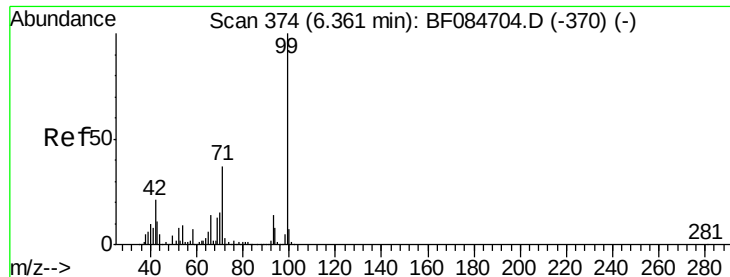


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 78.15 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

S4-B012(5-7)DL

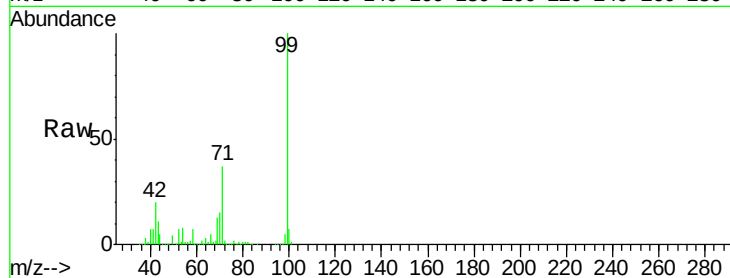
Tgt Ion: 99 Resp: 998003

Ion Ratio Lower Upper

99 100

42 20.3 12.8 19.2#

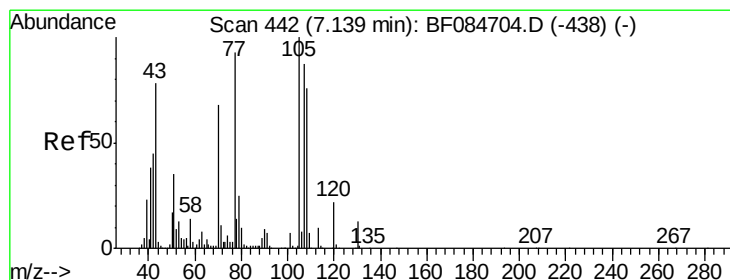
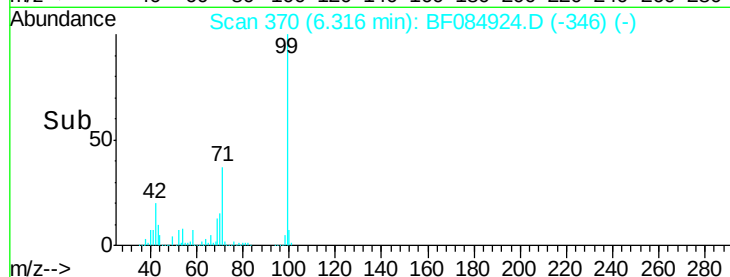
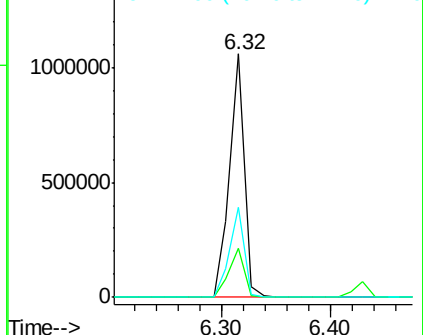
71 37.0 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.75 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.11 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

Tgt Ion: 70 Resp: 86041

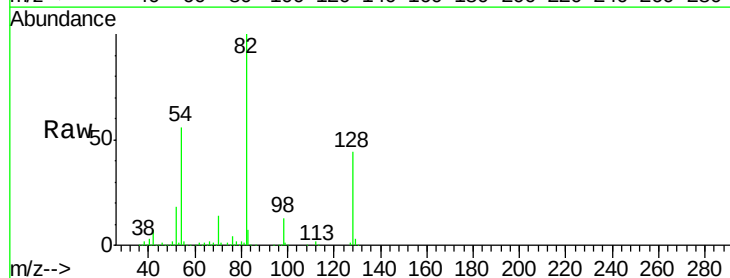
Ion Ratio Lower Upper

70 100

42 48.3 33.3 49.9

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

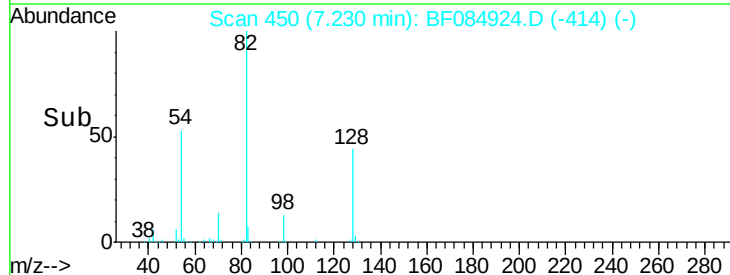
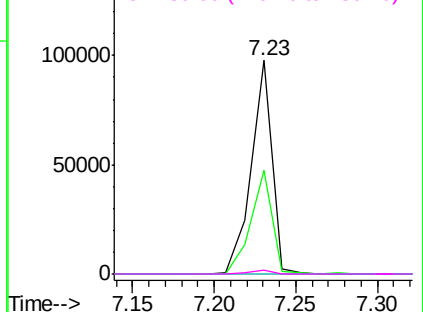


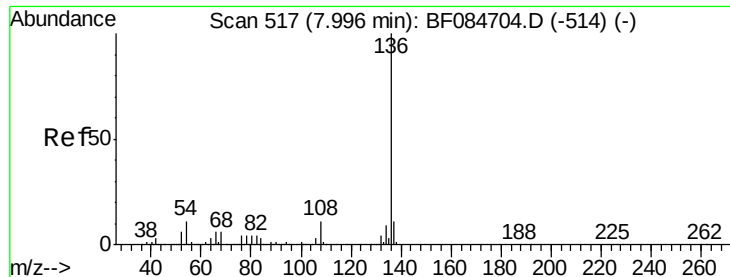
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

Instrument :

BNA_F

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S4-B012(5-7)DL

Tgt Ion: 136 Resp: 644685

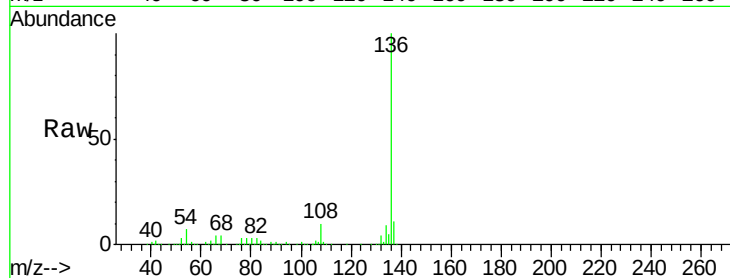
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.5 5.8 8.8

68 3.9 4.2 6.2#

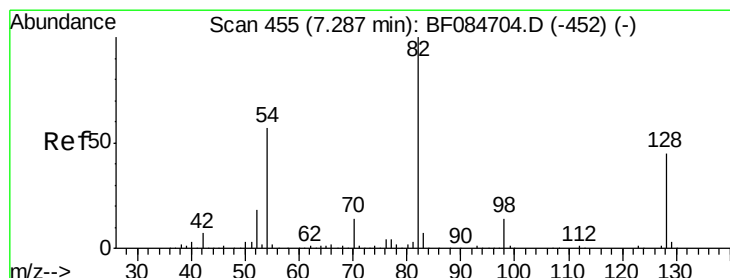
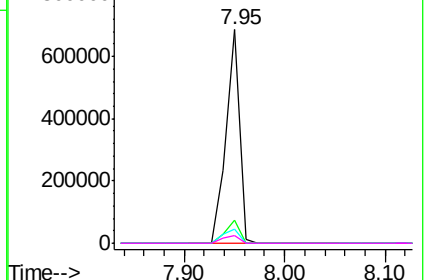
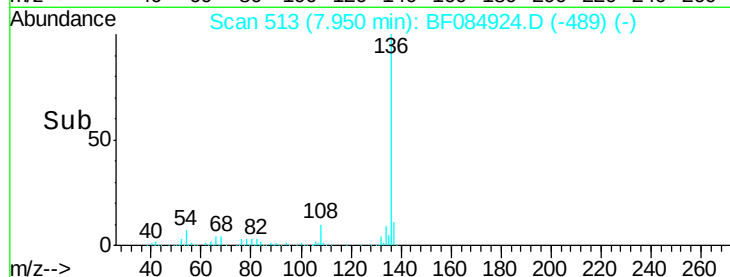


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.75 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

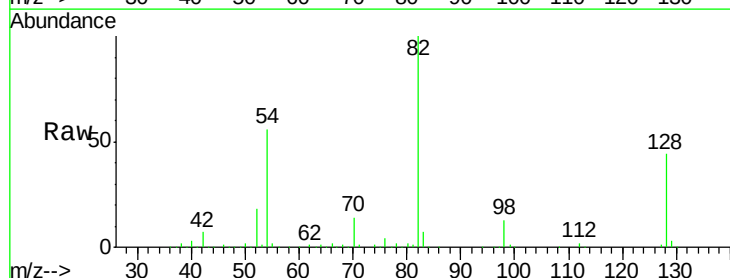
Tgt Ion: 82 Resp: 626574

Ion Ratio Lower Upper

82 100

128 43.5 34.6 51.8

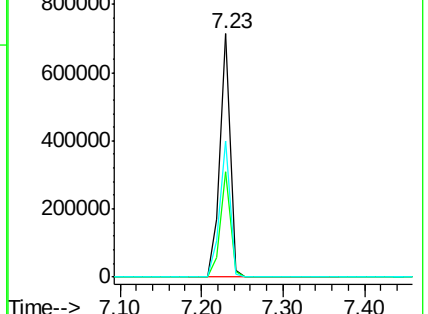
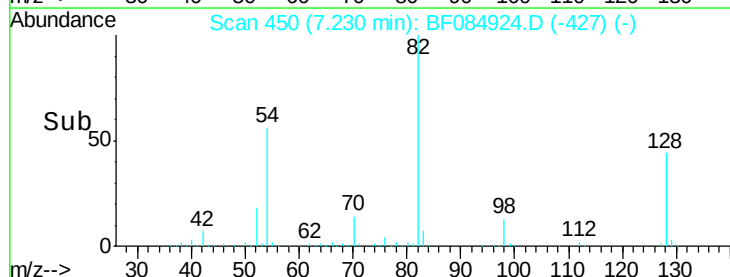
54 55.9 38.4 57.6

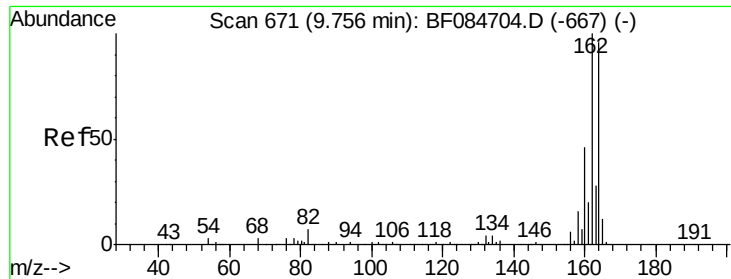


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

Instrument :

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ClientSampleId :

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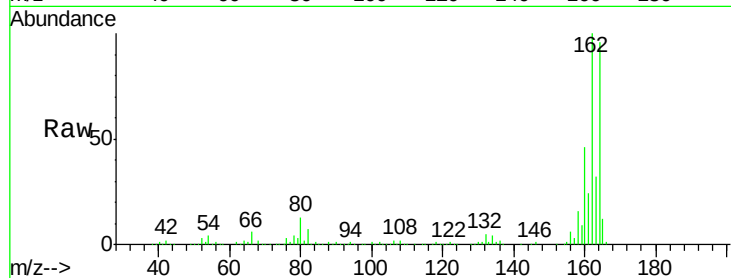
Tgt Ion:164 Resp: 279196

Ion Ratio Lower Upper

164 100

162 104.2 85.1 127.7

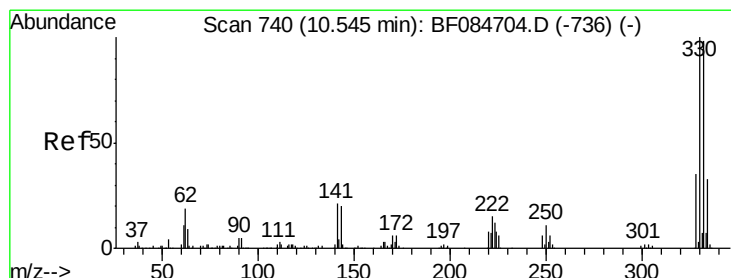
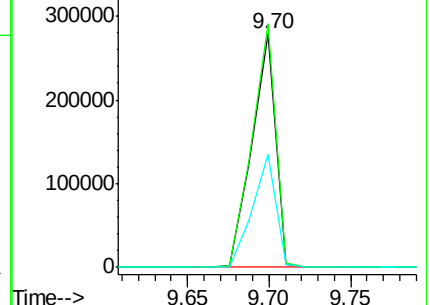
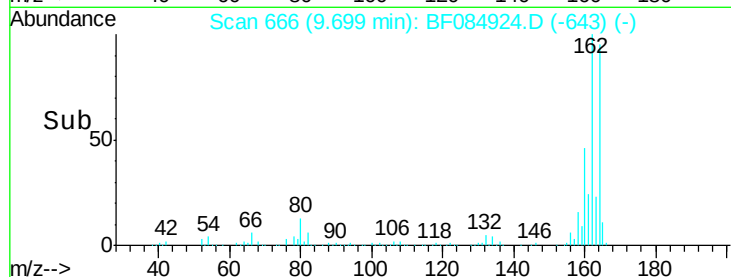
160 48.3 37.5 56.3



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: 71.49 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

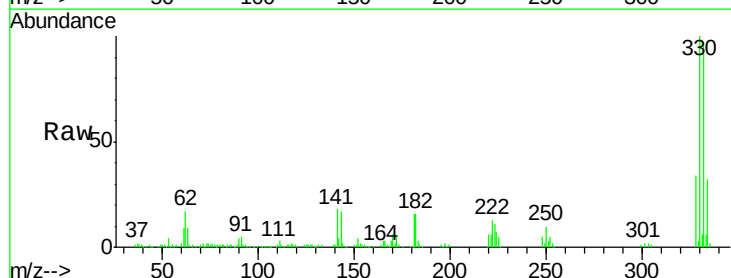
Tgt Ion:330 Resp: 208209

Ion Ratio Lower Upper

330 100

332 95.3 76.6 114.8

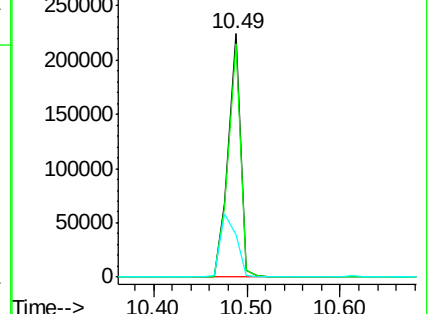
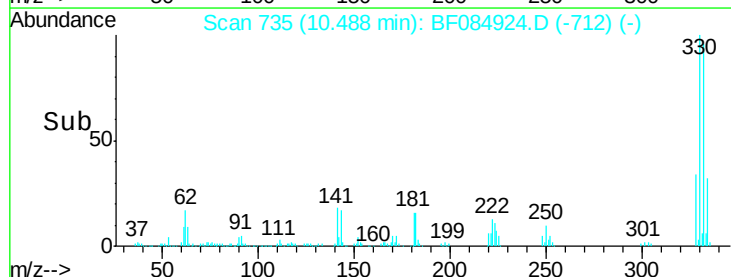
141 33.7 27.8 41.6

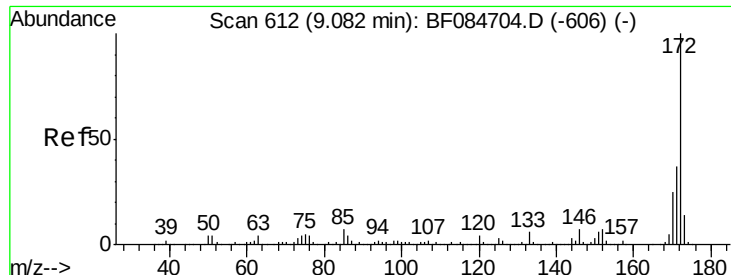


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

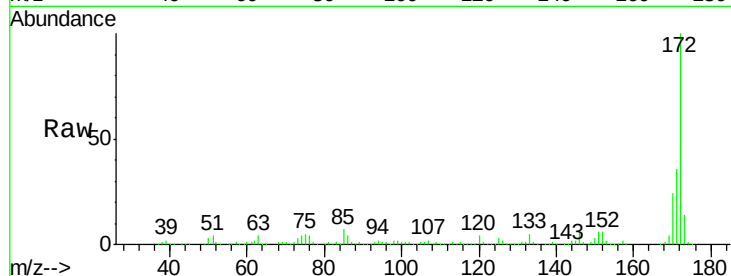




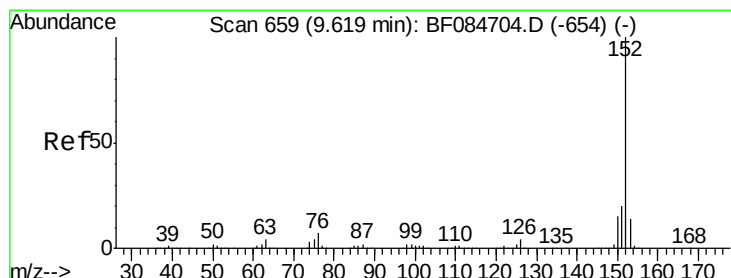
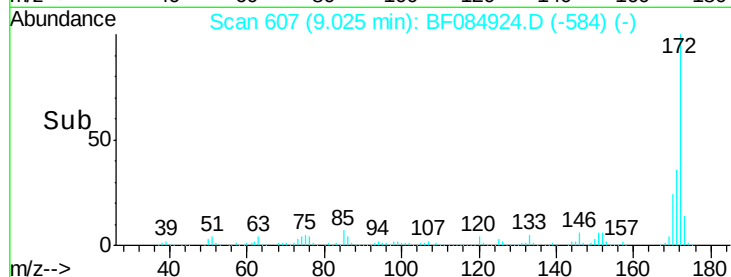
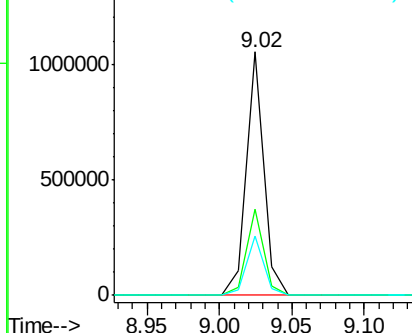
#44
 2-Fluorobiphenyl
 Concen: 45.81 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084924.D
 Acq: 6 Feb 2016 20:59

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Tgt Ion:172 Resp: 882848
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 24.3 18.6 27.8

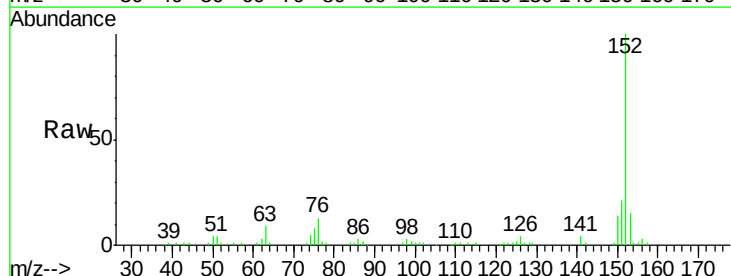


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

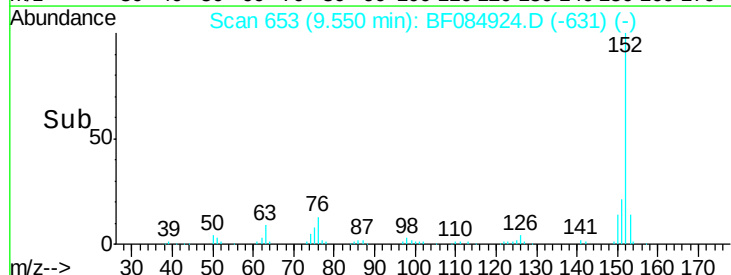
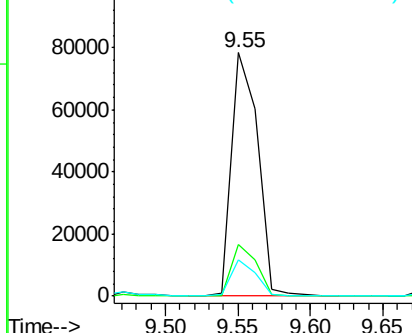


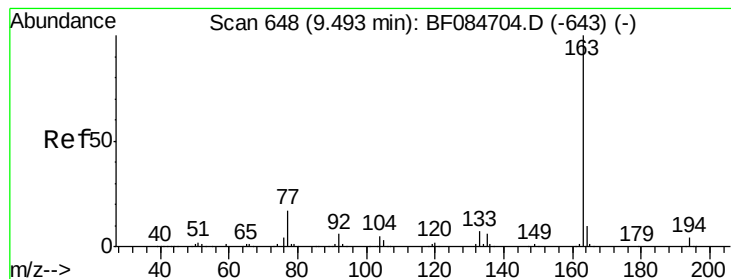
#48
 Acenaphthylene
 Concen: 3.53 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.05 min
 Lab File: BF084924.D
 Acq: 6 Feb 2016 20:59

Tgt Ion:152 Resp: 98372
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.3 24.5
 153 14.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 8.46 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.05 min

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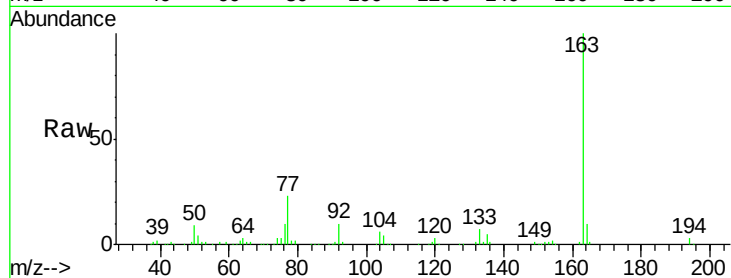
Tgt Ion:163 Resp: 179885

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

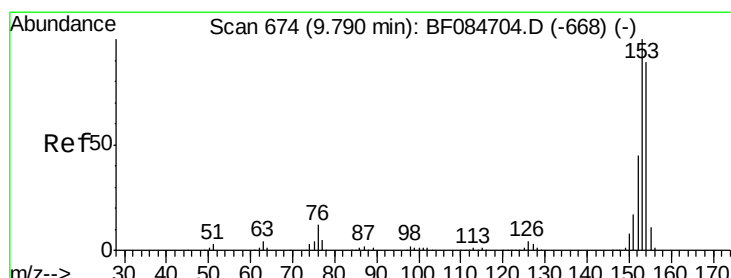
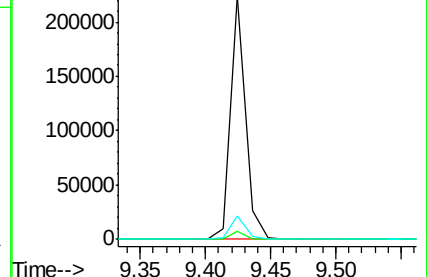
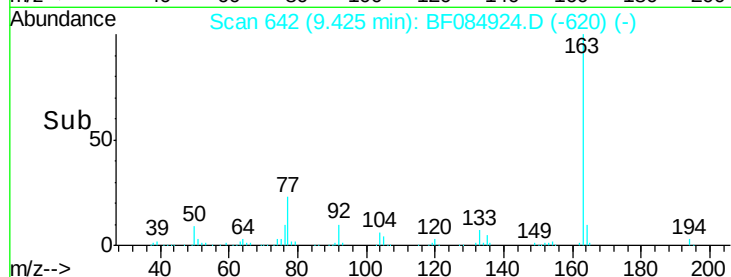
164 9.6 8.0 12.0



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: 3.26 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.05 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

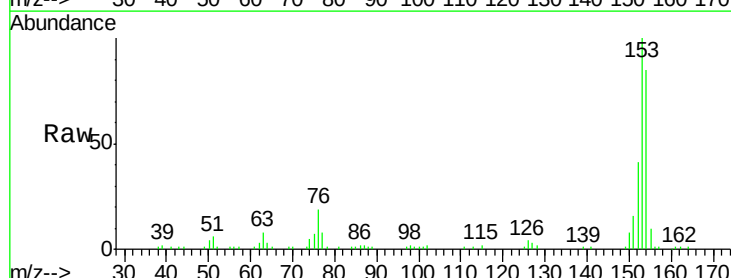
Tgt Ion:154 Resp: 59152

Ion Ratio Lower Upper

154 100

153 117.9 91.5 137.3

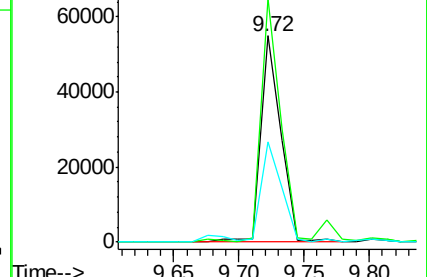
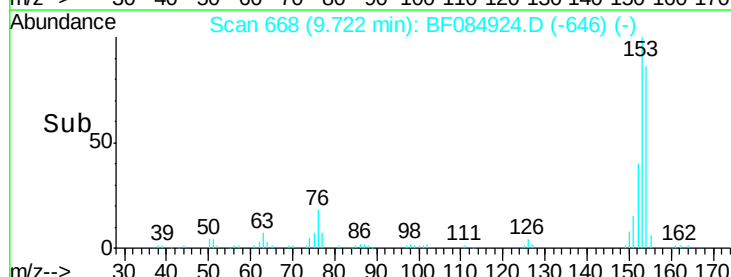
152 48.8 43.0 64.6

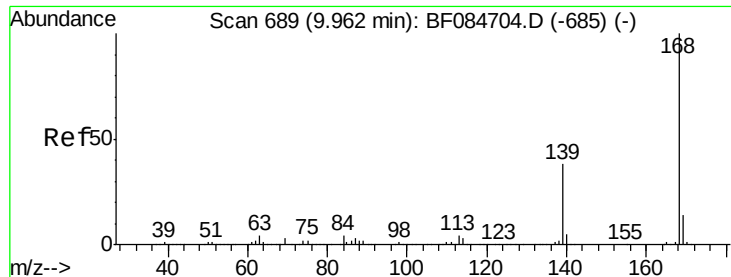


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 3.51 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.03 min

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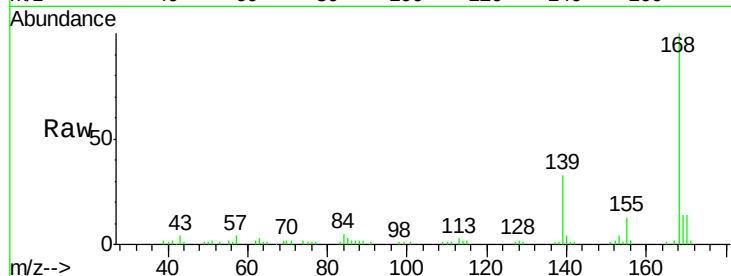
Tgt Ion:168 Resp: 77696

Ion Ratio Lower Upper

168 100

139 32.7 30.5 45.7

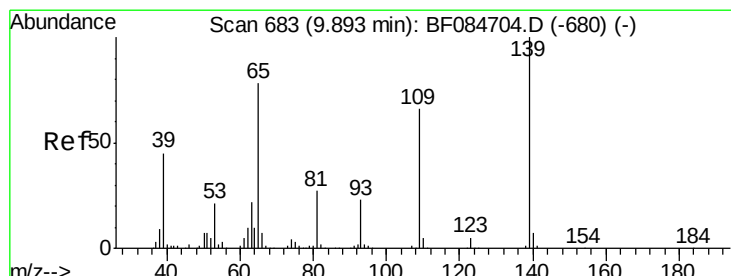
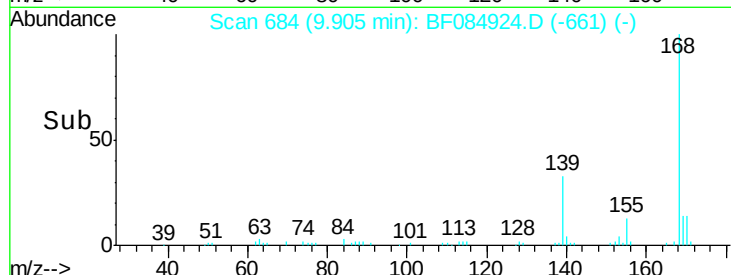
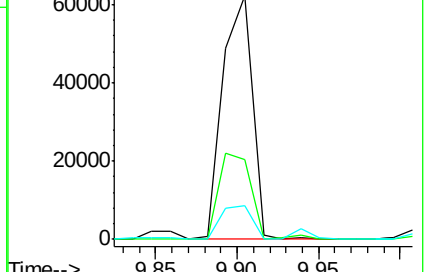
169 13.8 10.4 15.6



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: 7.64 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.02 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

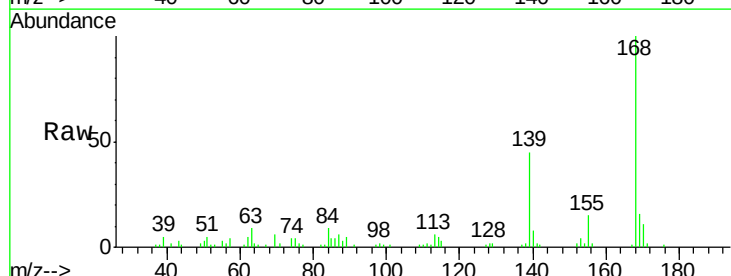
Tgt Ion:139 Resp: 29321

Ion Ratio Lower Upper

139 100

109 1.5 58.5 98.5#

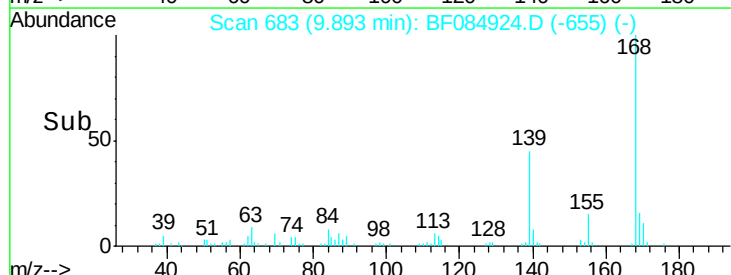
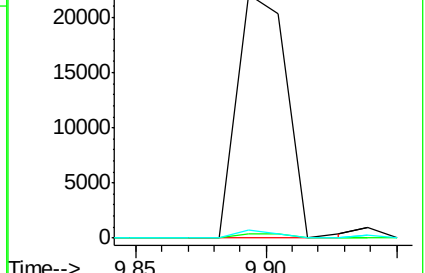
65 3.1 57.6 97.6#

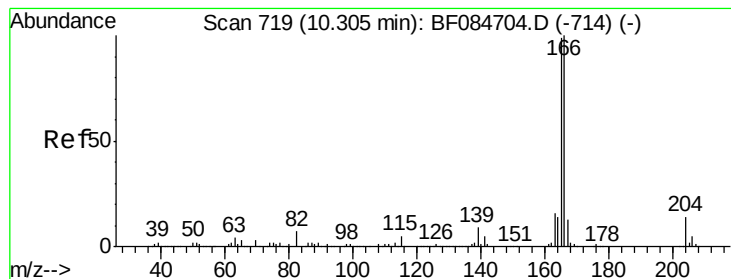


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 5.98 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

S4-B012(5-7)DL

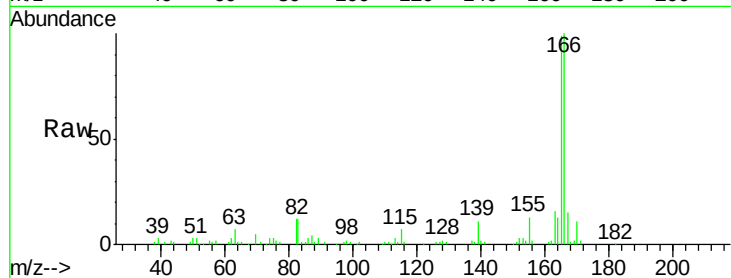
Tgt Ion:166 Resp: 110692

Ion Ratio Lower Upper

166 100

165 99.1 79.1 118.7

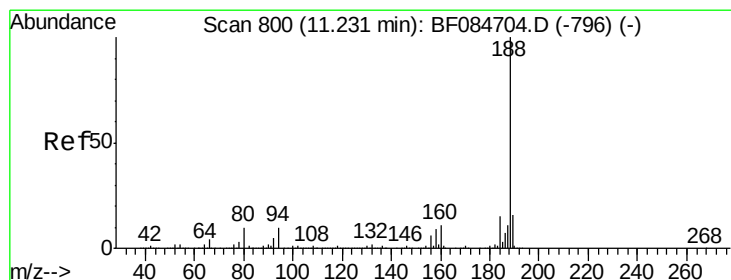
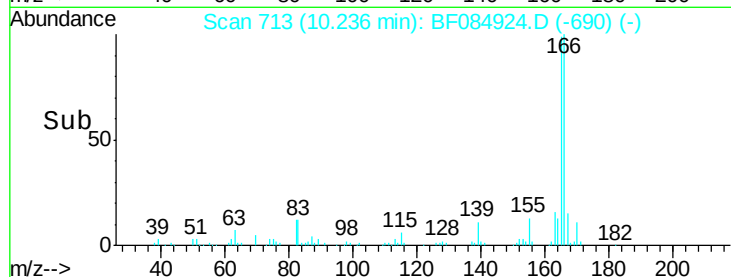
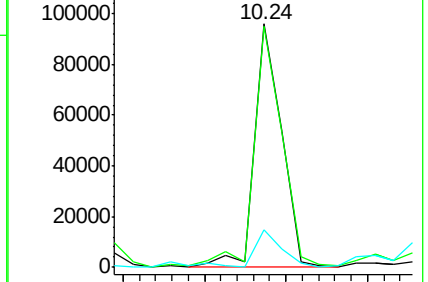
167 15.3 10.4 15.6



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: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

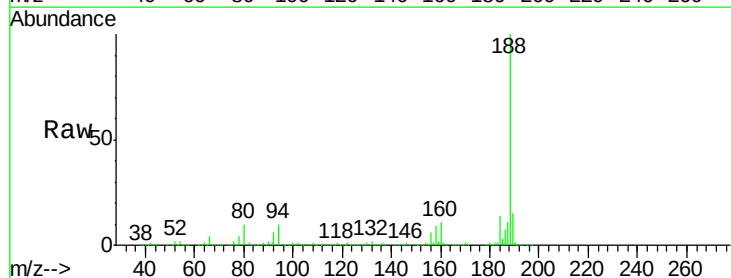
Tgt Ion:188 Resp: 434683

Ion Ratio Lower Upper

188 100

94 9.5 9.0 13.4

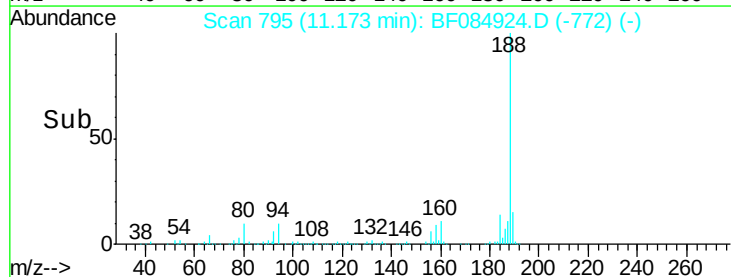
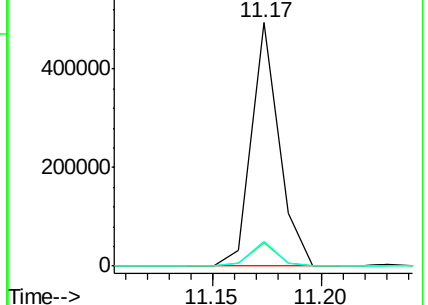
80 10.4 9.6 14.4

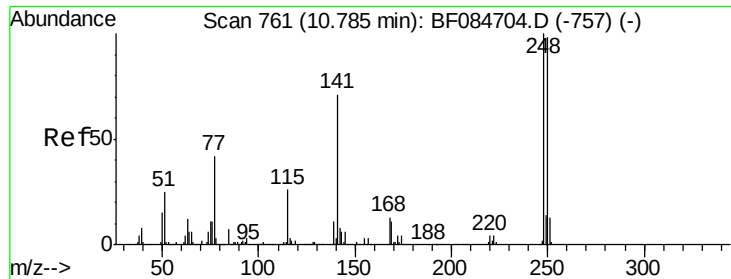


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.63 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.27 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

S4-B012(5-7)DL

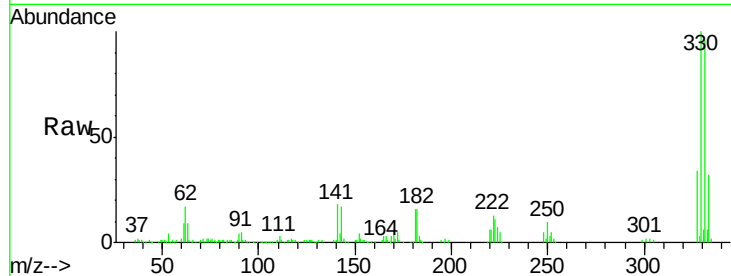
Tgt Ion:248 Resp: 12609

Ion Ratio Lower Upper

248 100

250 189.7 78.4 117.6#

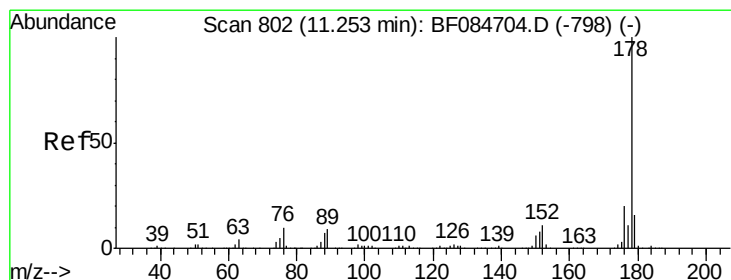
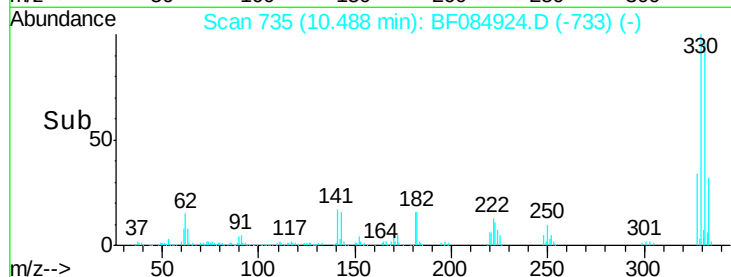
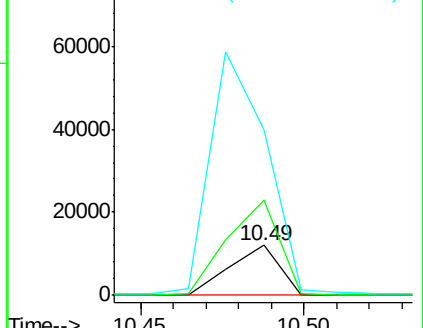
141 330.0 44.0 66.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#70

Phenanthrene

Concen: 42.34 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

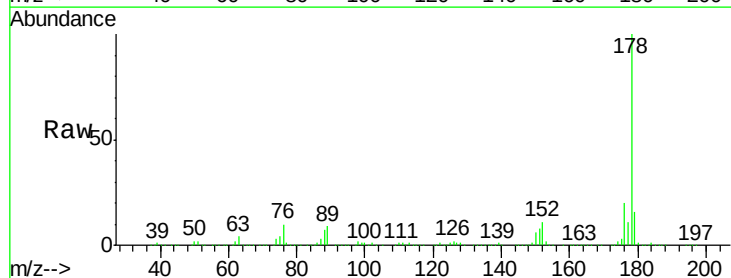
Tgt Ion:178 Resp: 1020890

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

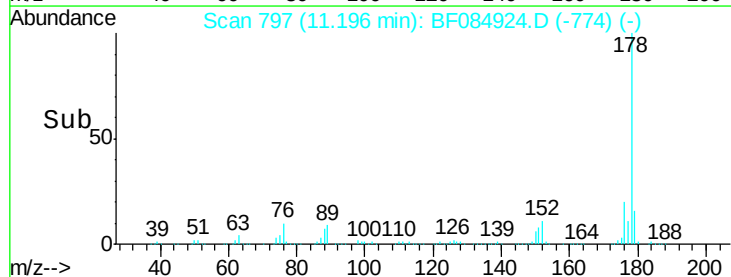
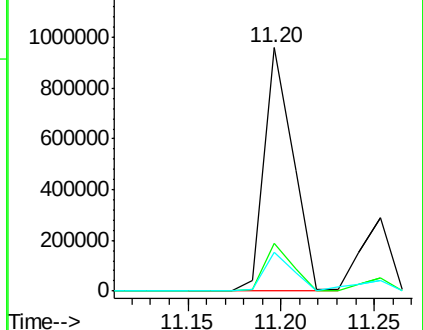
179 16.1 12.0 18.0

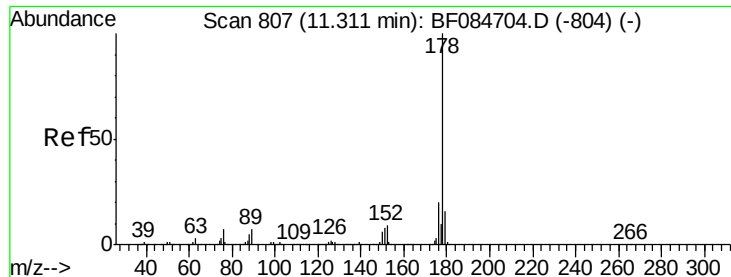


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 12.84 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.03 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

S4-B012(5-7)DL

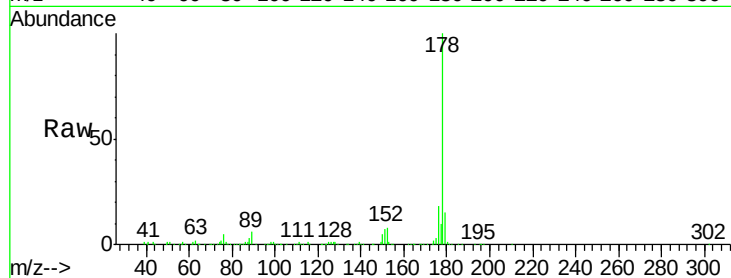
Tgt Ion:178 Resp: 311814

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.0

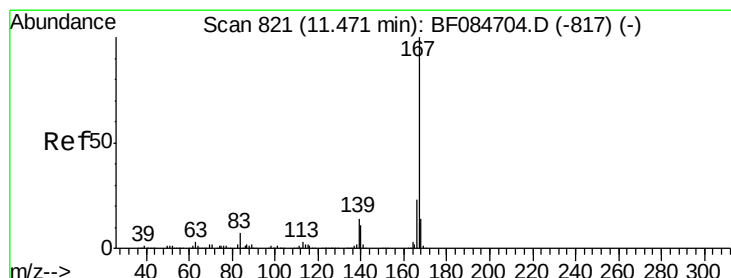
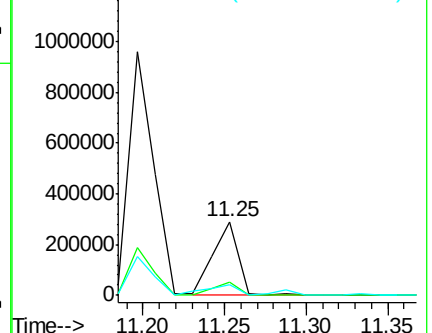
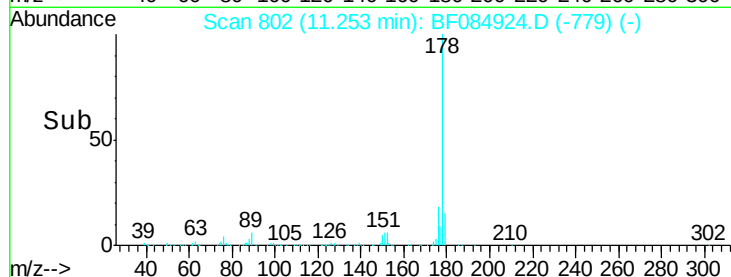
179 15.2 12.5 18.7



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: 2.56 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

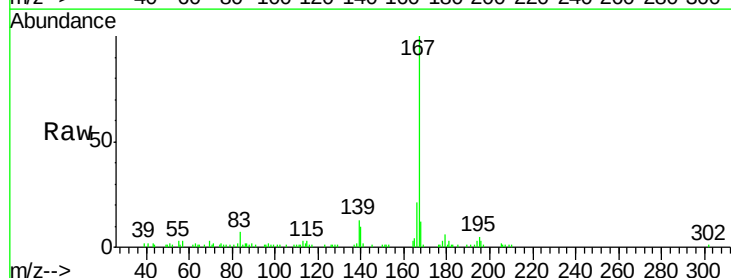
Tgt Ion:167 Resp: 54308

Ion Ratio Lower Upper

167 100

166 21.2 17.6 26.4

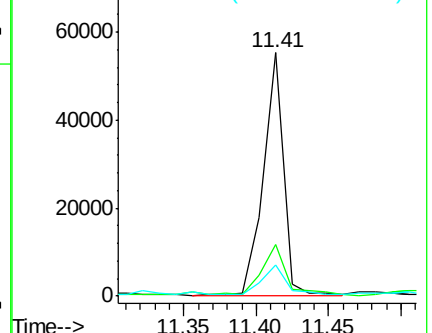
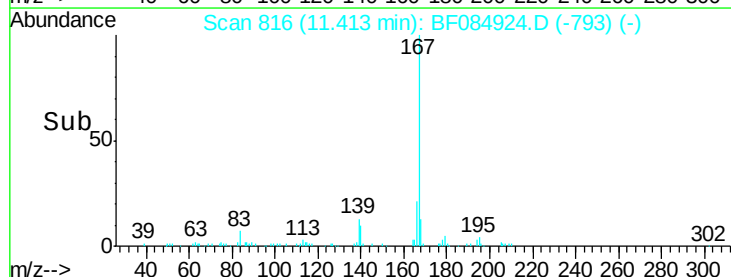
139 12.6 11.8 17.8

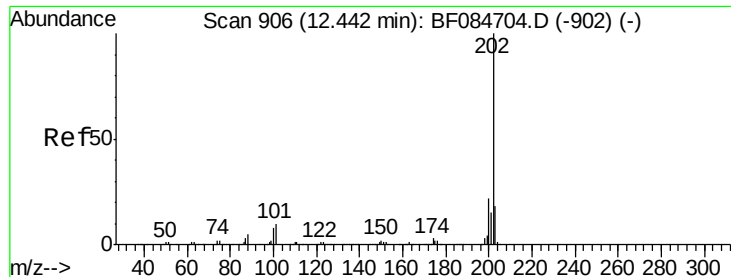


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 55.19 ng

RT: 12.38 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

S4-B012(5-7)DL

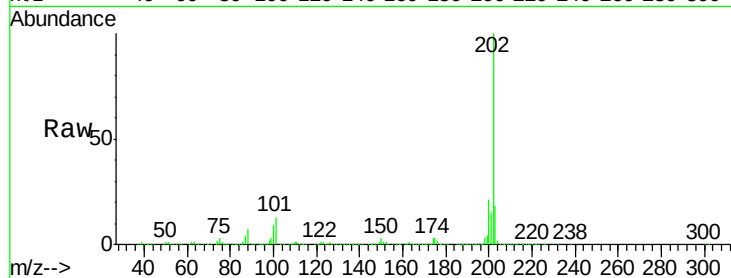
Tgt Ion:202 Resp: 1346603

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.8

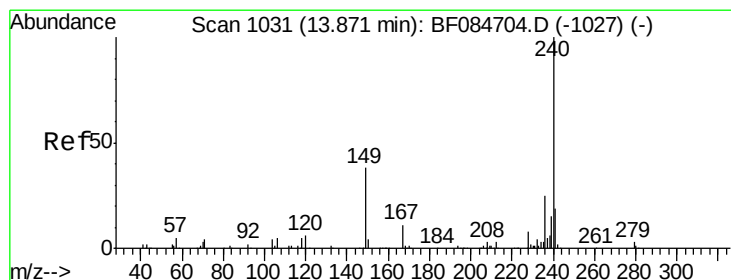
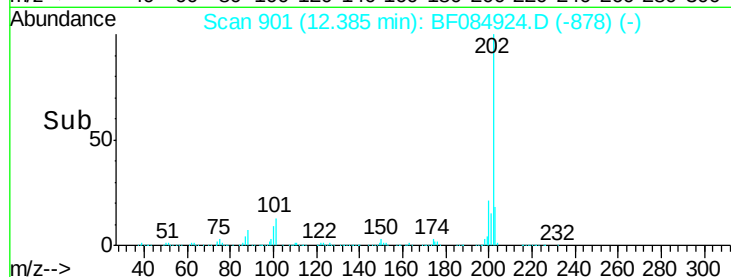
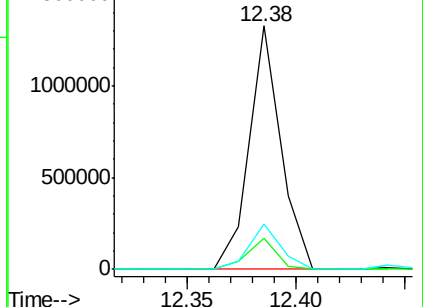
203 18.4 0.0 37.9



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: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

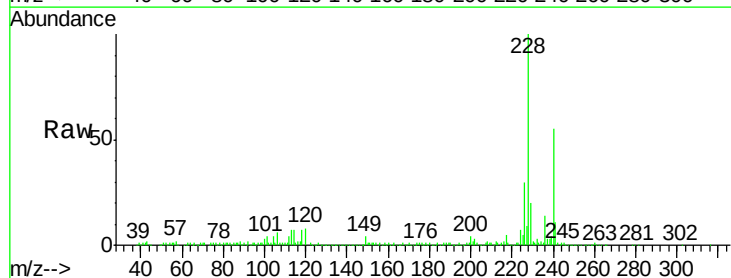
Tgt Ion:240 Resp: 296617

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

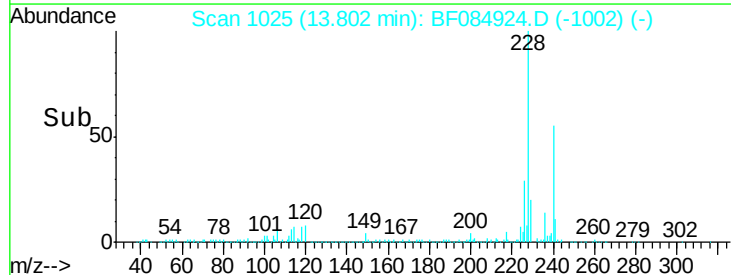
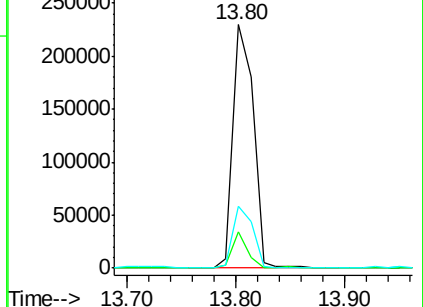
236 25.5 20.6 31.0

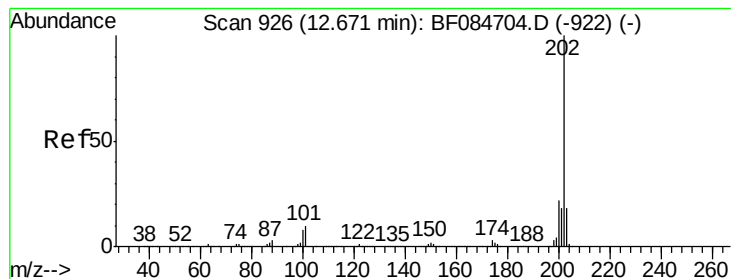


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 57.80 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

S4-B012(5-7)DL

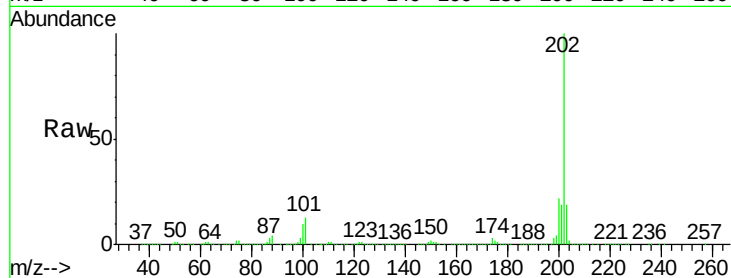
Tgt Ion:202 Resp: 1312639

Ion Ratio Lower Upper

202 100

200 22.4 17.2 25.8

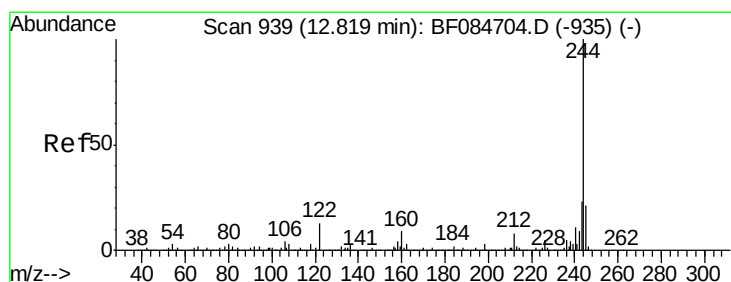
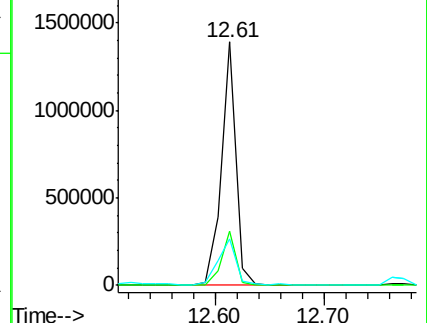
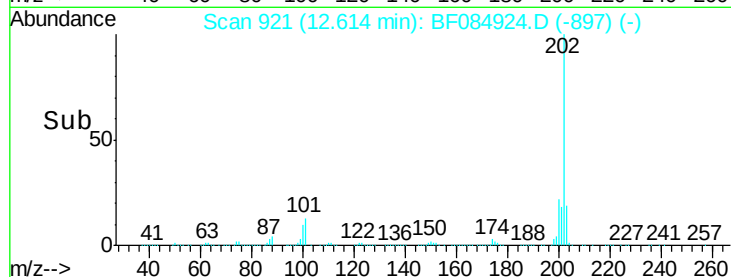
203 18.9 14.3 21.5



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: 46.28 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

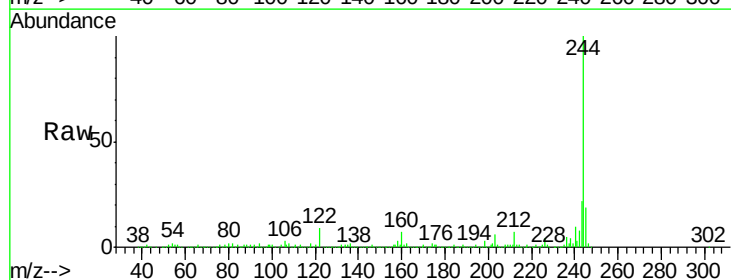
Tgt Ion:244 Resp: 605844

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

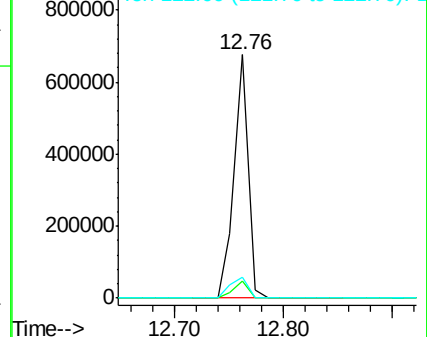
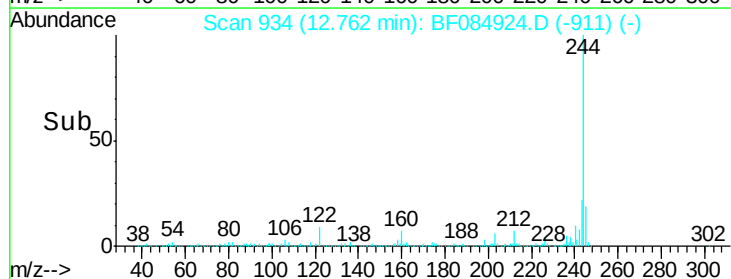
122 8.8 7.4 11.0

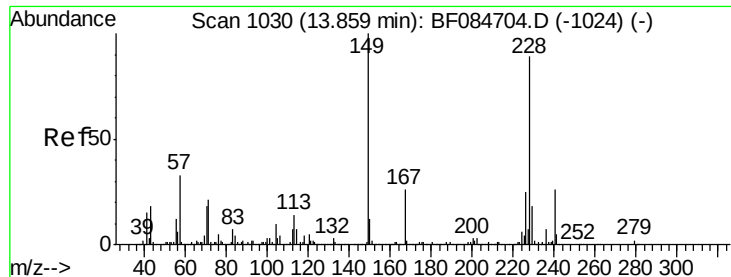


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 56.40 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

S4-B012(5-7)DL

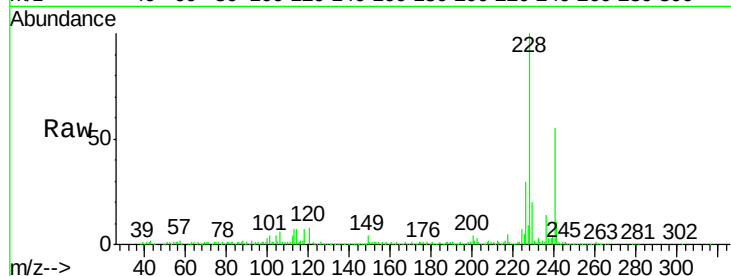
Tgt Ion:228 Resp: 1038287

Ion Ratio Lower Upper

228 100

226 29.6 21.8 32.6

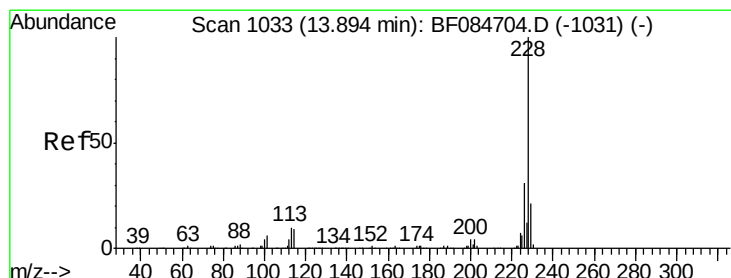
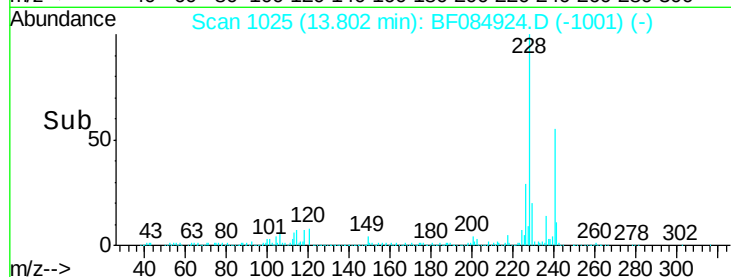
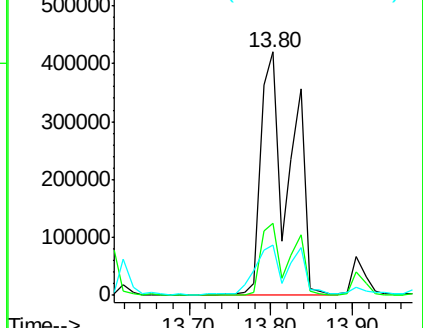
229 20.5 15.8 23.8



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: 58.16 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.06 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

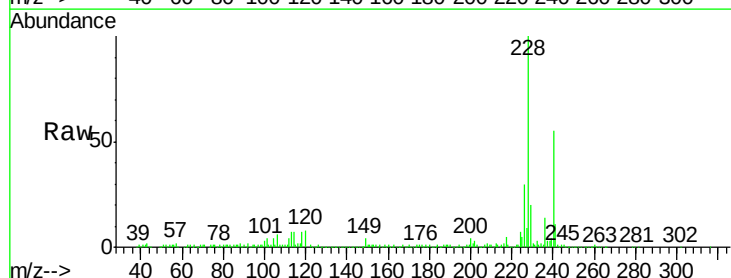
Tgt Ion:228 Resp: 1038287

Ion Ratio Lower Upper

228 100

226 29.6 24.3 36.5

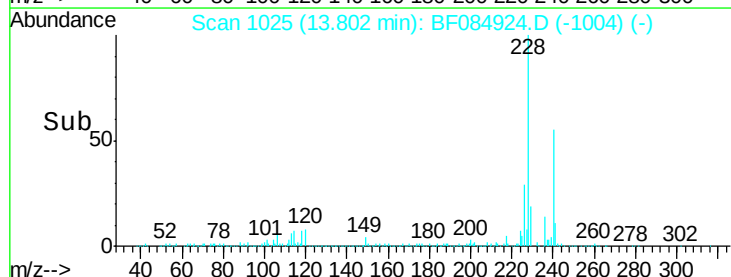
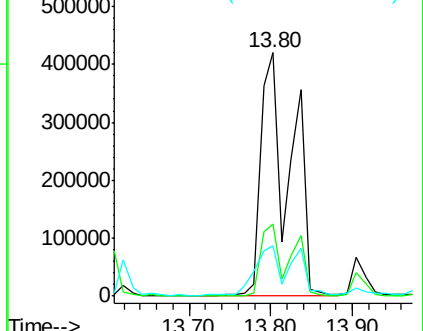
229 20.5 16.1 24.1

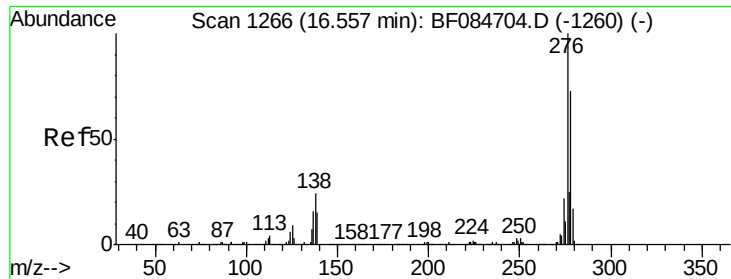


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

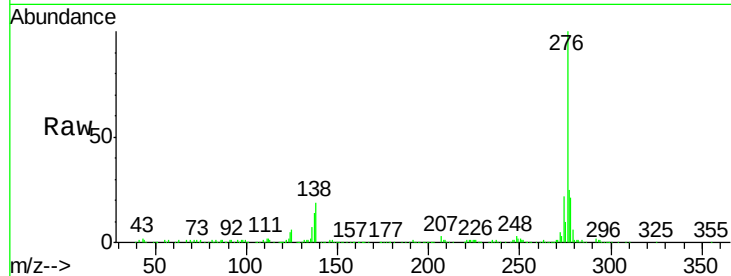




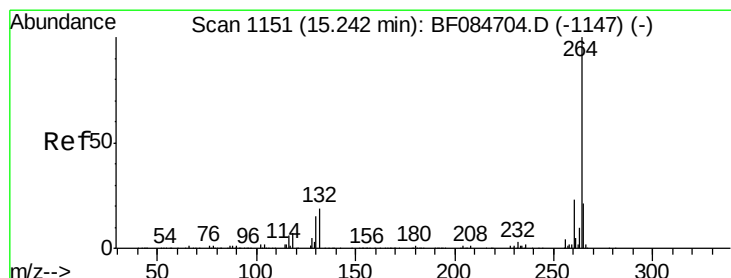
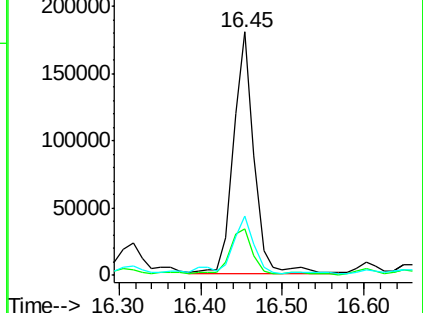
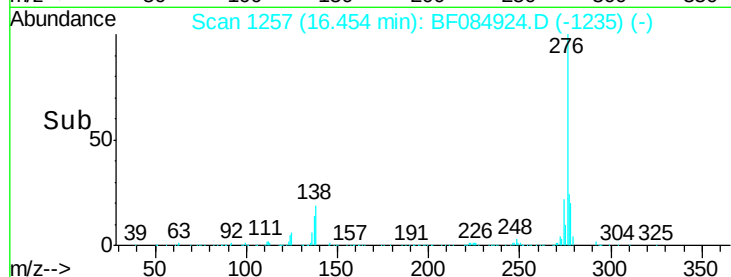
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 22.67 ng
 RT: 16.45 min Scan# 1257
 Delta R.T. -0.05 min
 Lab File: BF084924.D
 Acq: 6 Feb 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 S4-B012(5-7)DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	20.6	30.8
277	25.7	20.1	30.1

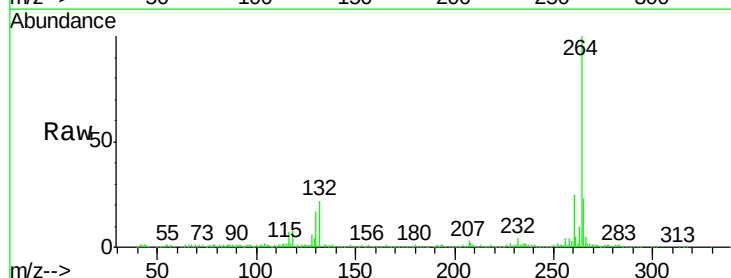


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

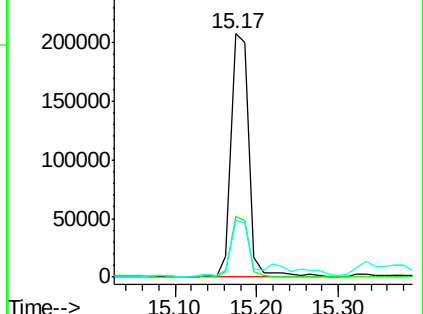
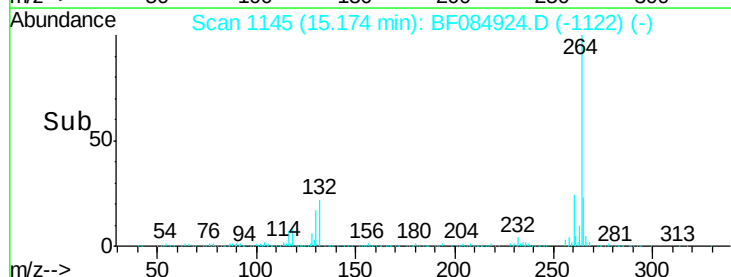


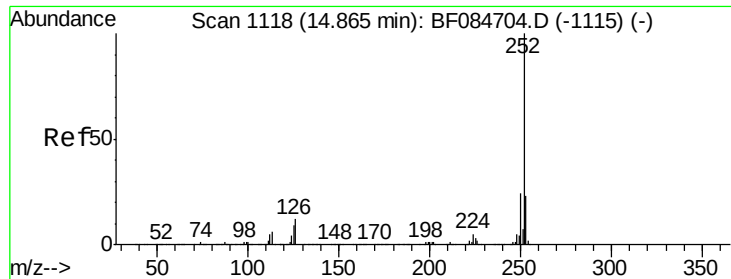
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF084924.D
 Acq: 6 Feb 2016 20:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	23.5	17.8	26.6



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

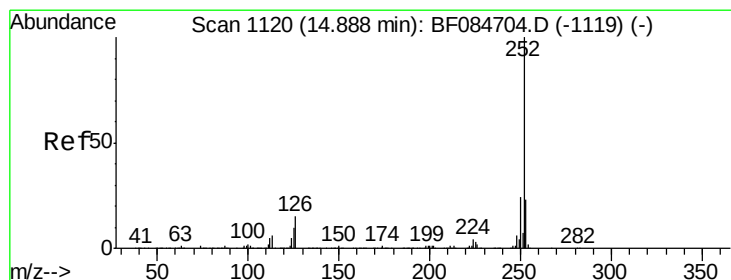
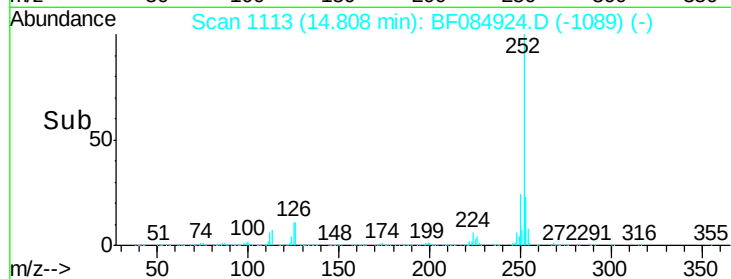
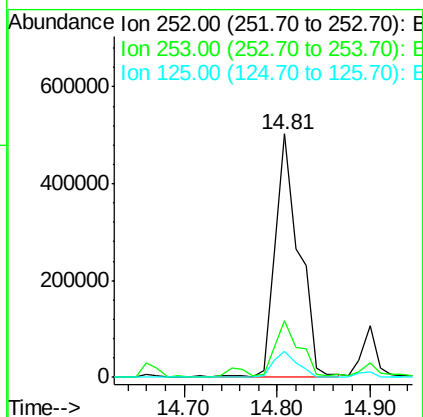
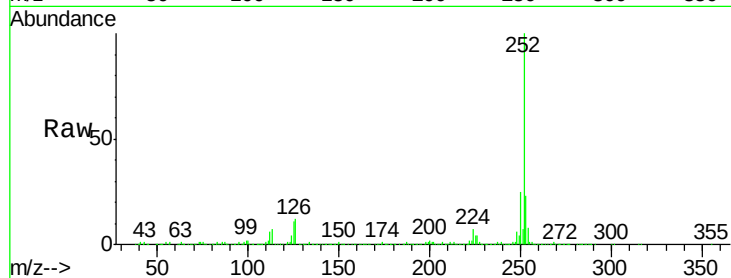




#87
Benzo(b)fluoranthene
Concen: 41.39 ng
RT: 14.81 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF084924.D
Acq: 6 Feb 2016 20:59

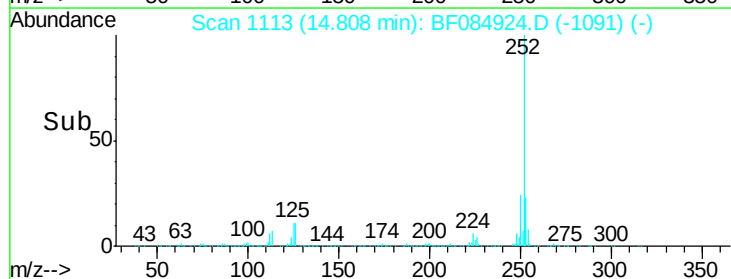
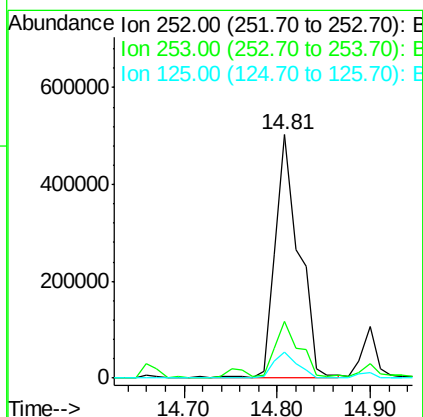
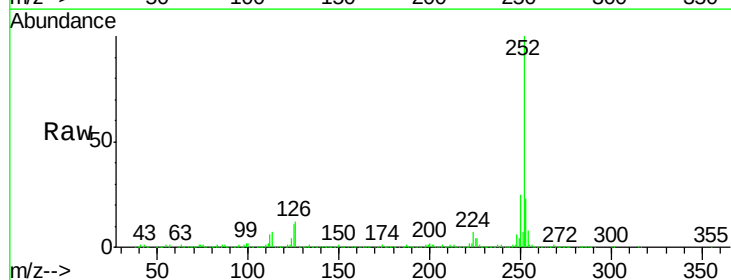
Instrument :
BNA_F
ClientSampleId :
S4-B012(5-7)DL

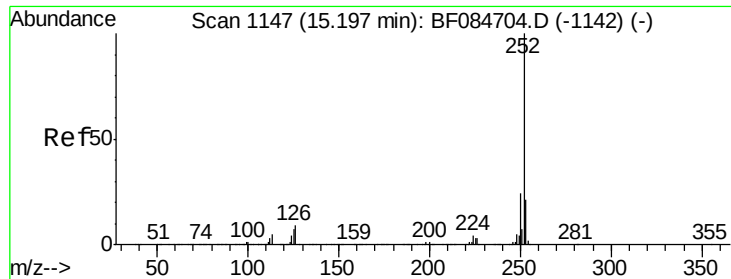
Tgt Ion:252 Resp: 886554
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 10.8 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 50.05 ng
RT: 14.81 min Scan# 1113
Delta R.T. -0.05 min
Lab File: BF084924.D
Acq: 6 Feb 2016 20:59

Tgt Ion:252 Resp: 886554
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 10.8 9.0 13.6





#89

Benzo(a)pyrene

Concen: 28.54 ng

RT: 15.13 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

S4-B012(5-7)DL

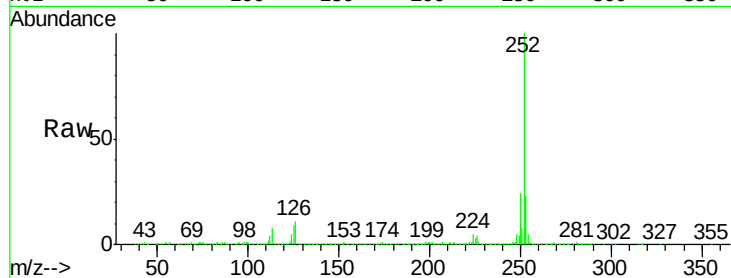
Tgt Ion:252 Resp: 520958

Ion Ratio Lower Upper

252 100

253 23.4 17.3 25.9

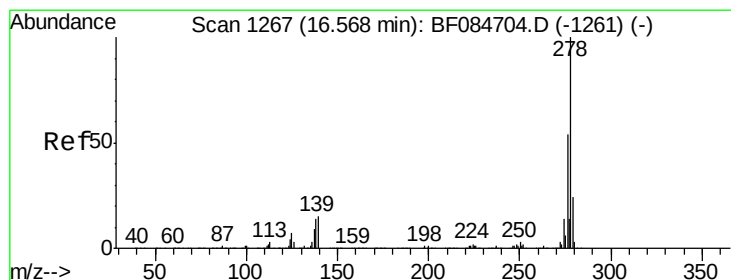
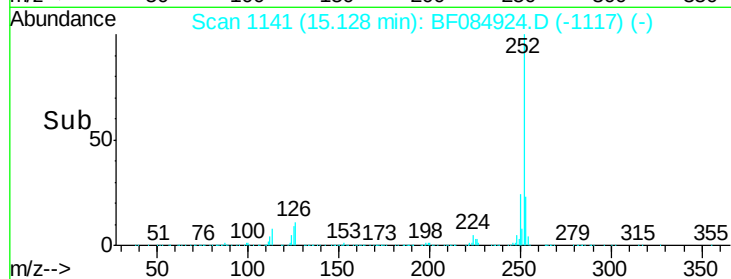
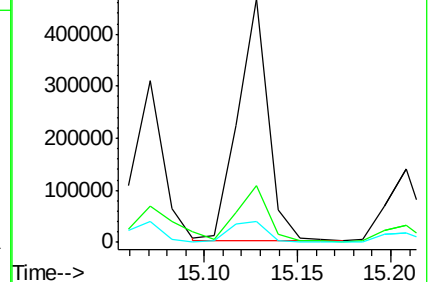
125 8.8 7.0 10.4



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: 3.64 ng

RT: 16.60 min Scan# 1270

Delta R.T. 0.09 min

Lab File: BF084924.D

Acq: 6 Feb 2016 20:59

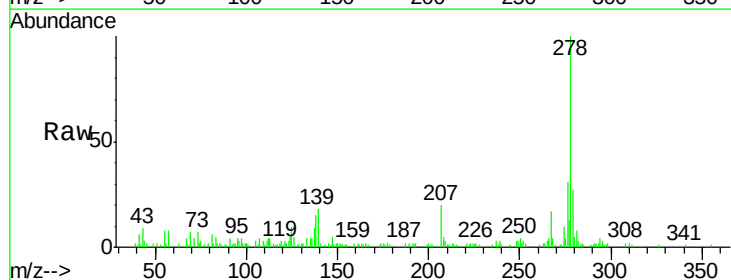
Tgt Ion:278 Resp: 55947

Ion Ratio Lower Upper

278 100

139 17.7 15.0 22.4

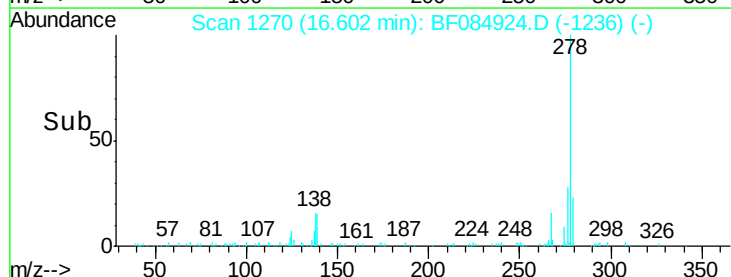
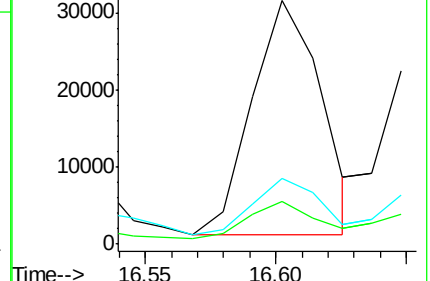
279 27.2 18.9 28.3

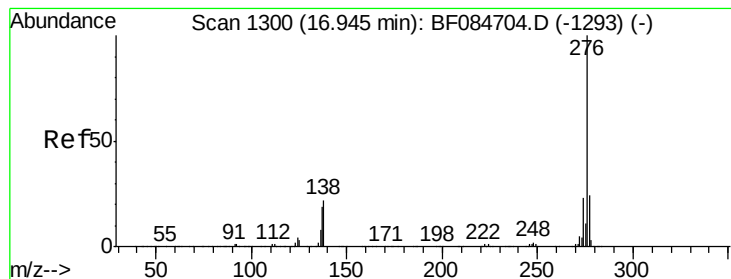


Abundance Ion 278.00 (277.70 to 278.70): E

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: 18.67 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.05 min

Lab File: BF084924.D

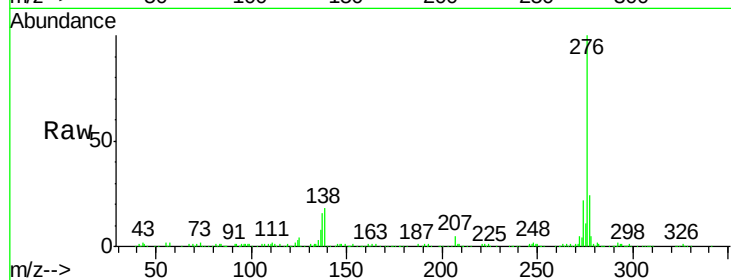
Acq: 6 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

S4-B012(5-7)DL



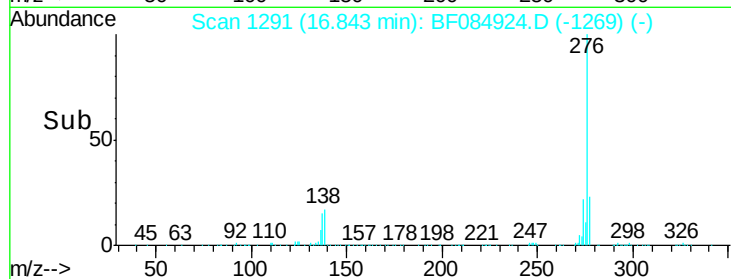
Tgt Ion: 276 Resp: 288930

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 18.5 17.8 26.6



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

