

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084741.D
 Acq On : 2 Feb 2016 6:04
 Operator : SJ/IZ
 Sample : H1285-22 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B038(5-7)

Quant Time: Feb 02 06:36:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	168086	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	675012	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	299673	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	545015	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	337297	20.00	ng	-0.01
86) Perylene-d12	15.24	264	346180	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	281501	26.09	ng	-0.01
7) Phenol-d6	6.36	99	375599	28.08	ng	-0.01
23) Nitrobenzene-d5	7.28	82	223058	18.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	64004	20.48	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	341658	14.23	ng	-0.01
78) Terphenyl-d14	12.81	244	237597	15.96	ng	-0.02

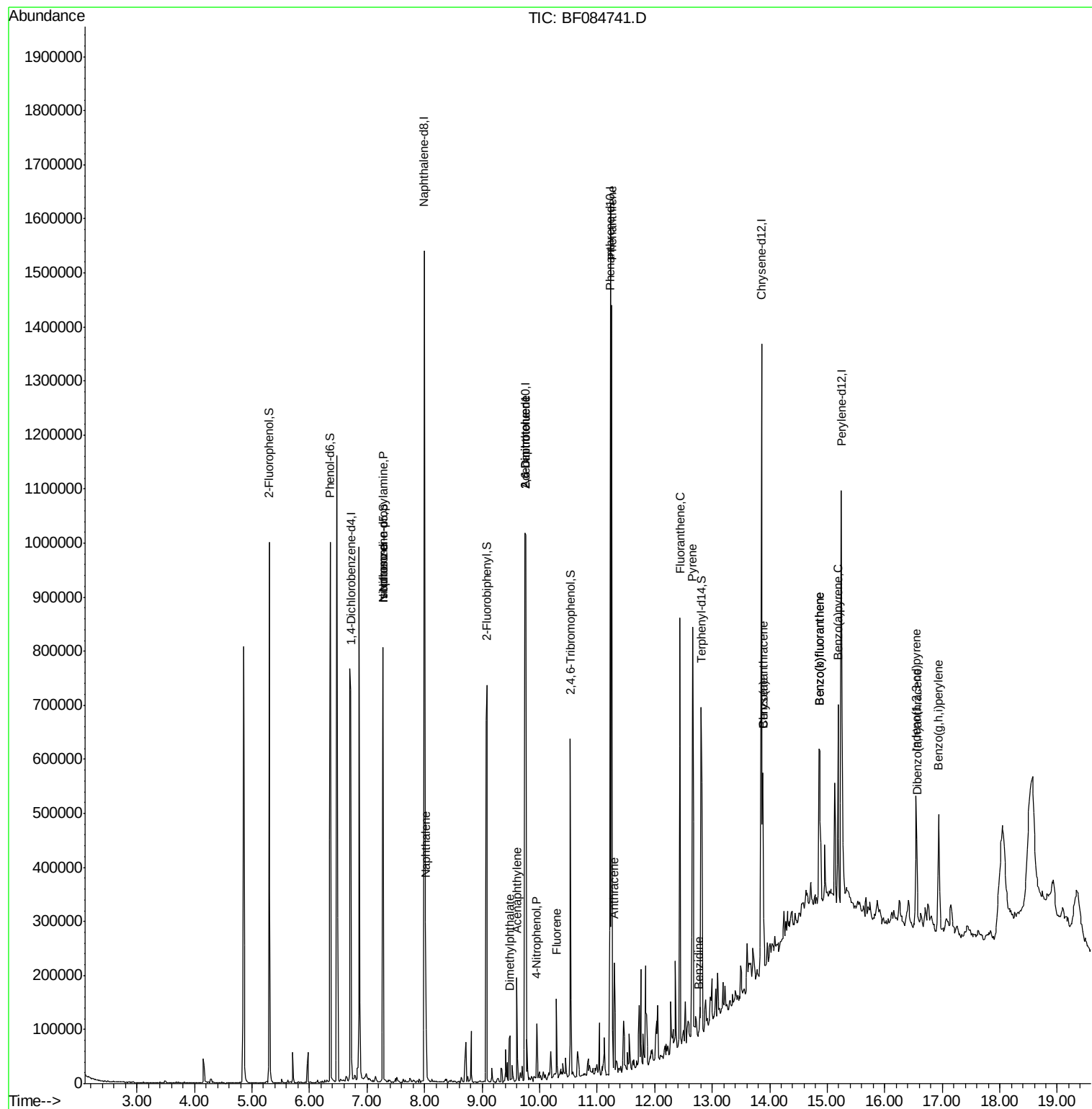
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	29297	3.49	ng	# 70
25) Isophorone	7.28	82	203590	8.74	ng	# 66
31) Naphthalene	8.02	128	111794	3.30	ng	97
48) Acenaphthylene	9.61	152	75054	2.51	ng	98
49) Dimethylphthalate	9.48	163	45845	2.01	ng	# 91
50) 2,6-Dinitrotoluene	9.74	165	39744	7.97	ng	# 38
55) 4-Nitrophenol	9.95	139	13084	3.18	ng	# 14
56) 2,4-Dinitrotoluene	9.74	165	39744	6.25	ng	# 22
57) Fluorene	10.29	166	40008	2.01	ng	99
70) Phenanthrene	11.25	178	477424	15.79	ng	99
71) Anthracene	11.30	178	98510	3.23	ng	98
74) Fluoranthene	12.44	202	421056	13.76	ng	93
76) Benzidine	12.76	184	311	6.91	ng	# 1
77) Pyrene	12.66	202	371806	14.40	ng	99
80) Benzo(a)anthracene	13.88	228	117452	5.61	ng	95
82) Chrysene	13.88	228	116421	5.73	ng	97
85) Indeno(1,2,3-cd)pyrene	16.55	276	155499	9.73	ng	# 92
87) Benzo(b)fluoranthene	14.87	252	237461	10.21	ng	# 97
88) Benzo(k)fluoranthene	14.87	252	237461	12.35	ng	99
89) Benzo(a)pyrene	15.19	252	151282	7.63	ng	# 95
90) Dibenzo(a,h)anthracene	16.56	278	36308	2.18	ng	# 89
91) Benzo(g,h,i)perylene	16.93	276	178019	10.59	ng	97

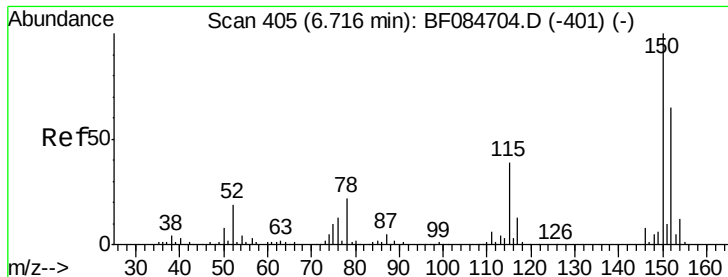
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

Instrument :

BNA_F

ClientSampleId :

SUP-B038(5-7)

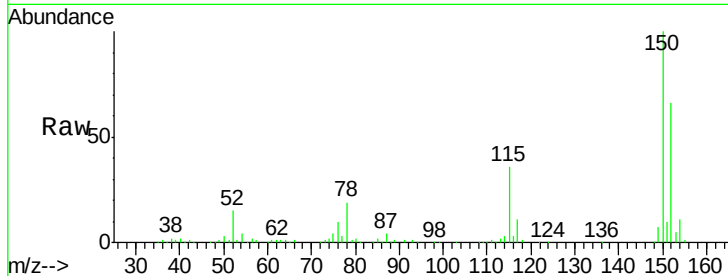
Tgt Ion:152 Resp: 168086

Ion Ratio Lower Upper

152 100

150 151.1 123.0 184.4

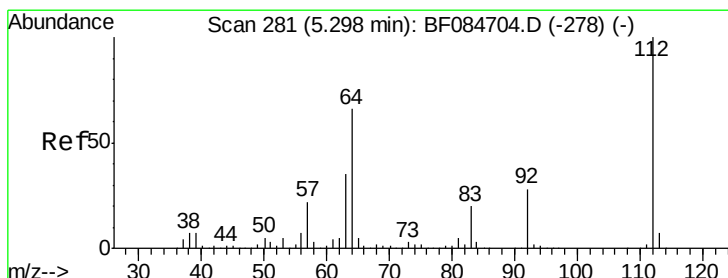
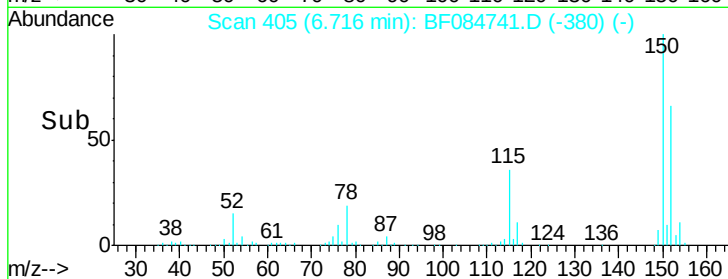
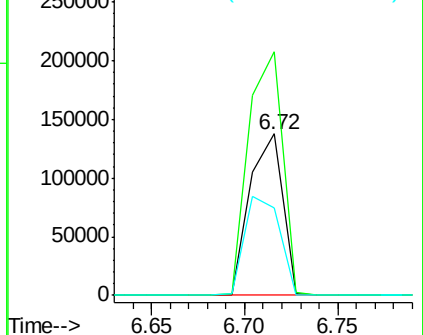
115 54.5 51.4 77.2



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: 26.09 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

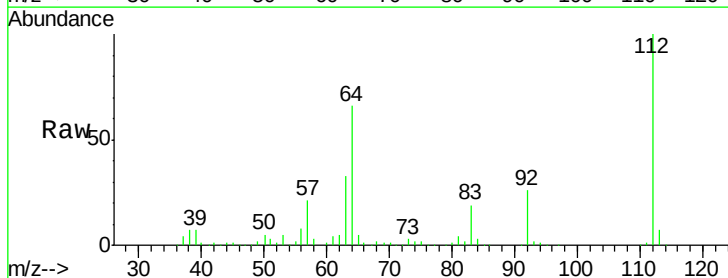
Tgt Ion:112 Resp: 281501

Ion Ratio Lower Upper

112 100

64 66.1 36.6 55.0#

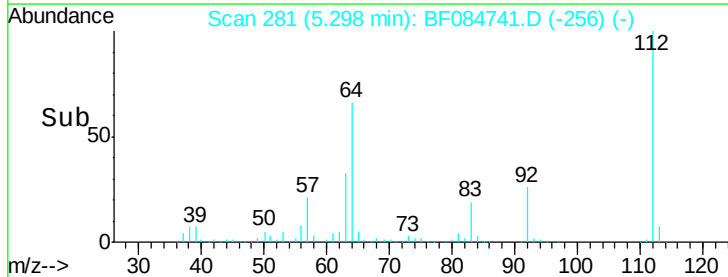
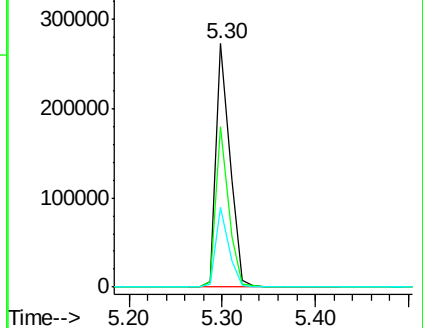
63 32.9 19.4 29.0#

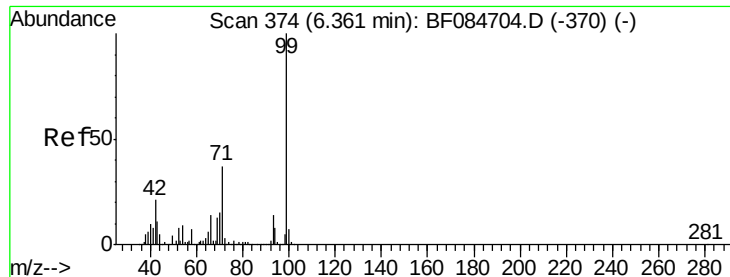


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.08 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

Instrument :

BNA_F

ClientSampleId :

SUP-B038(5-7)

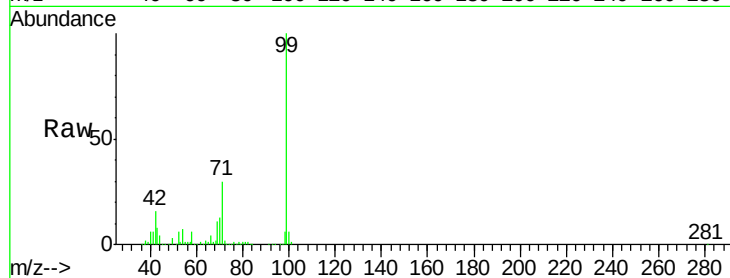
Tgt Ion: 99 Resp: 375599

Ion Ratio Lower Upper

99 100

42 15.6 12.8 19.2

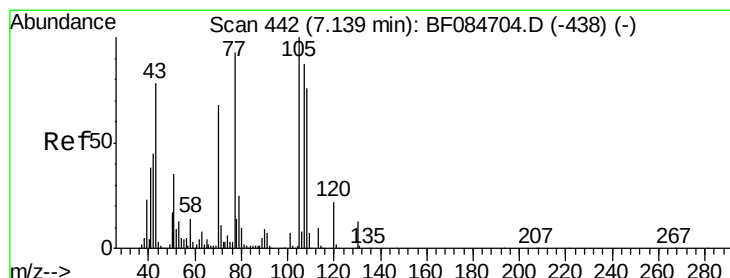
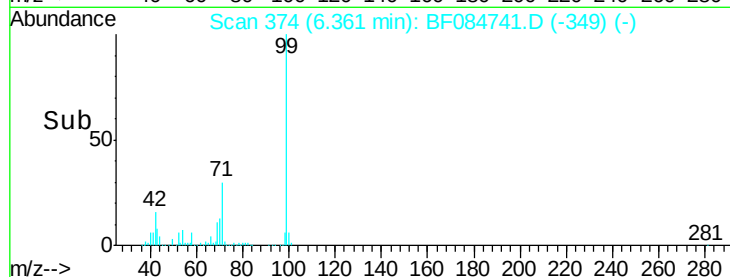
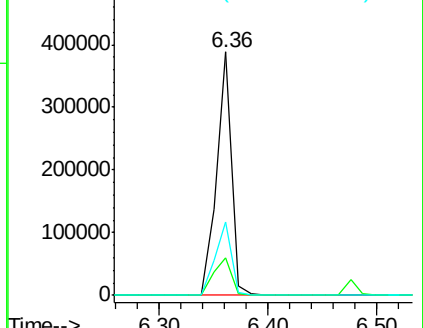
71 30.4 30.9 46.3#



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: 3.49 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.13 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

Tgt Ion: 70 Resp: 29297

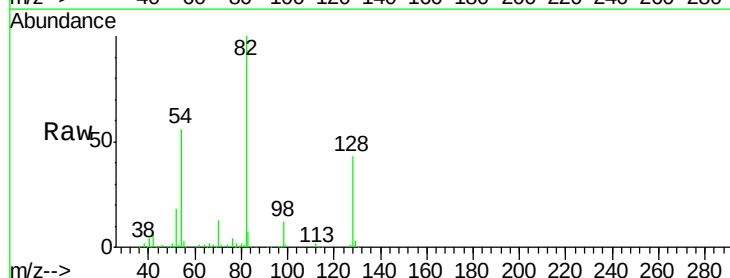
Ion Ratio Lower Upper

70 100

42 50.9 33.3 49.9#

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

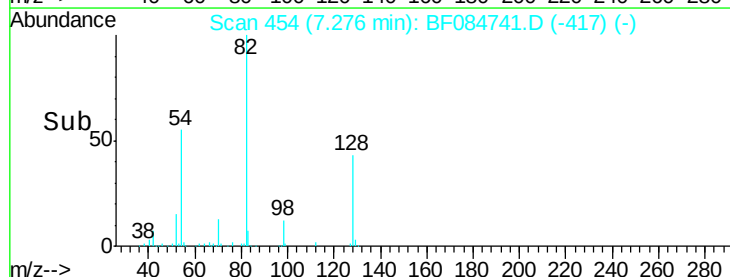
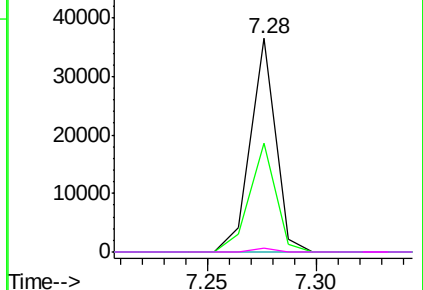


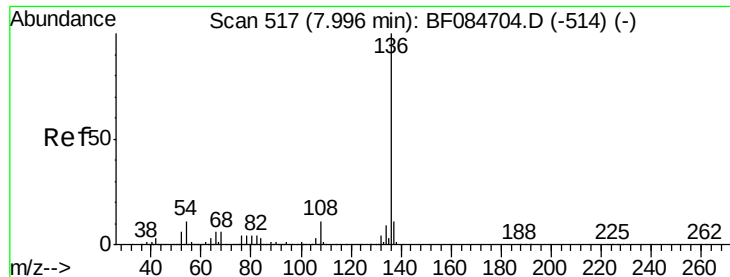
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

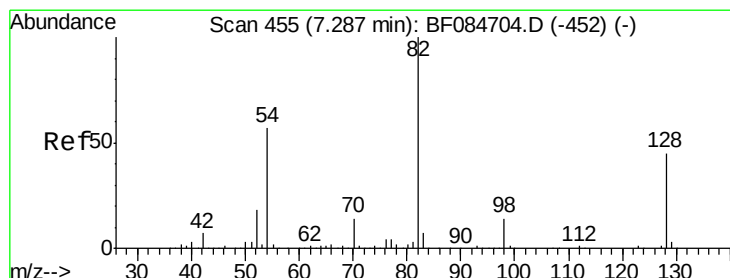
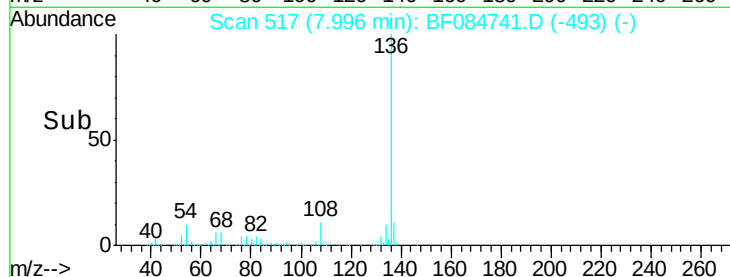
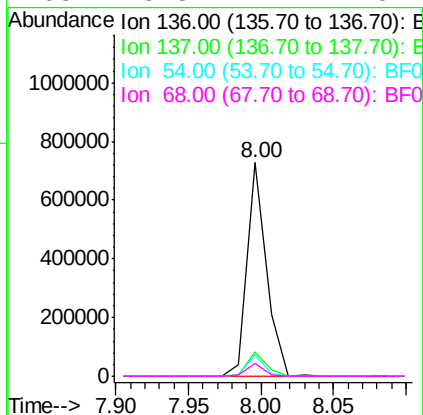
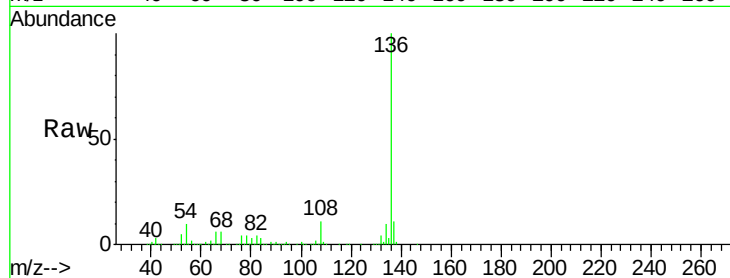




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

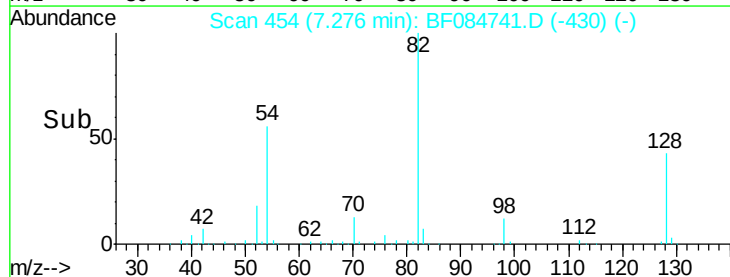
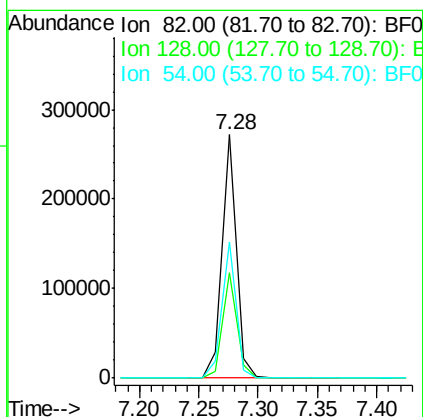
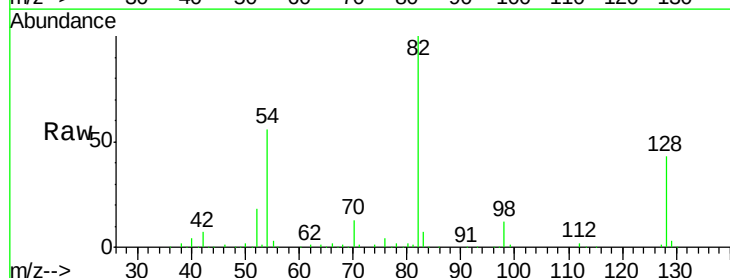
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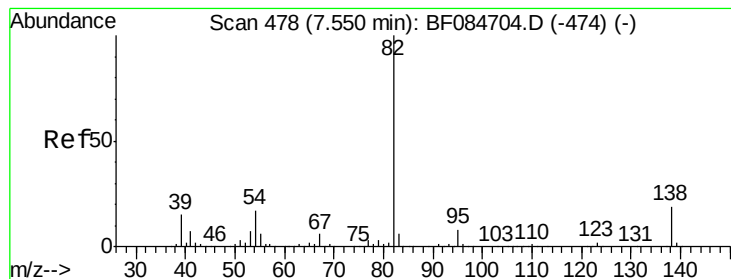
Tgt Ion:	136	Resp:	675012
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	10.2	5.8	8.8#
68	5.8	4.2	6.2



#23
Nitrobenzene-d5
Concen: 18.62 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion:	82	Resp:	223058
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	55.7	38.4	57.6





#25

Isophorone

Concen: 8.74 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.29 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

Instrument :

BNA_F

ClientSampleId :

SUP-B038(5-7)

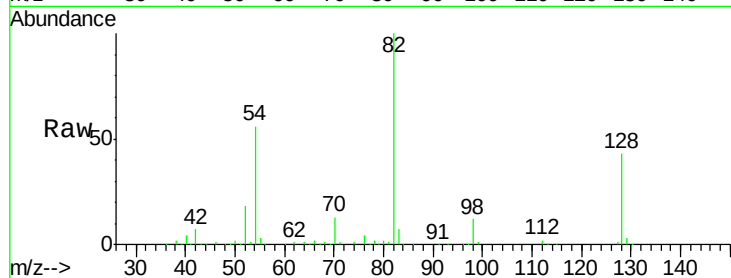
Tgt Ion: 82 Resp: 203590

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

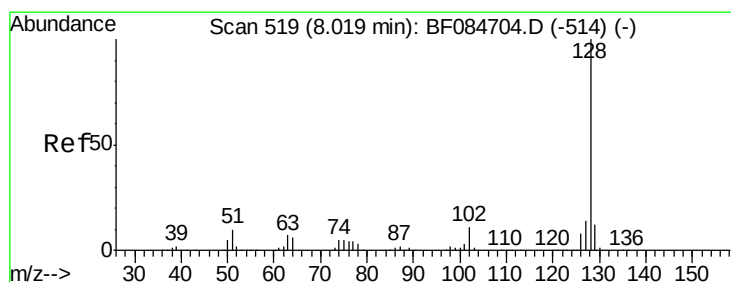
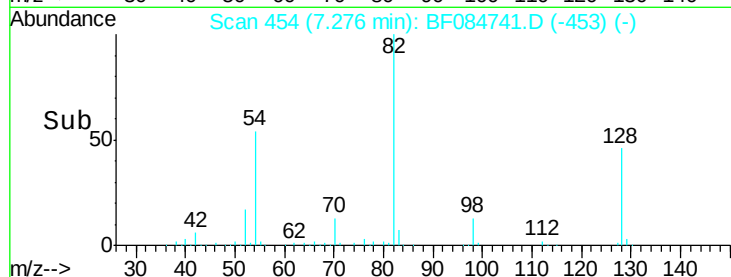
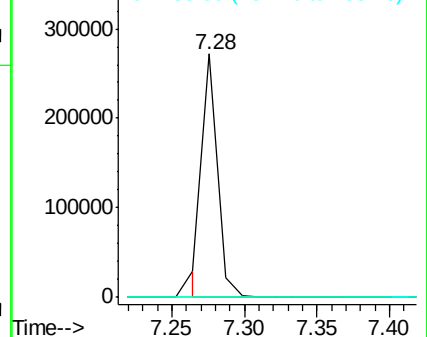
138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 3.30 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

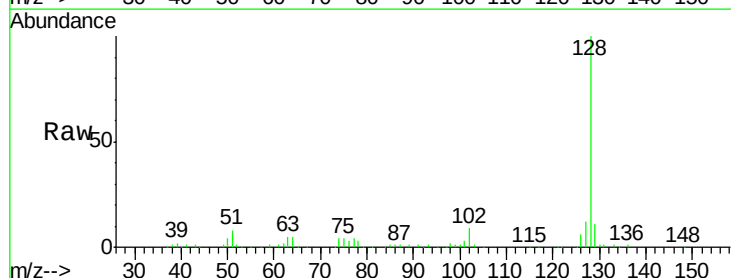
Tgt Ion: 128 Resp: 111794

Ion Ratio Lower Upper

128 100

129 10.6 9.1 13.7

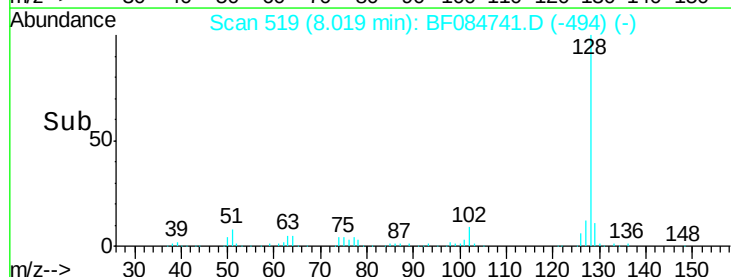
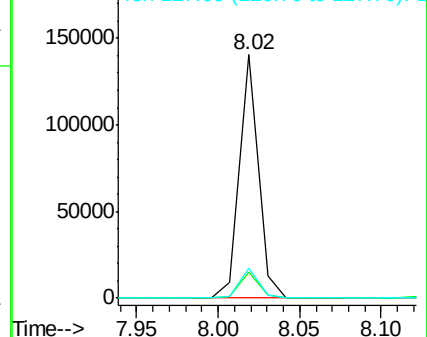
127 12.3 11.1 16.7

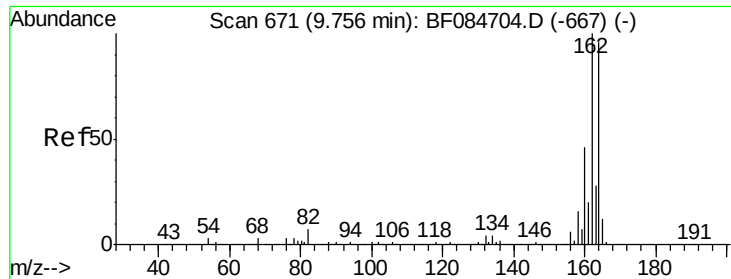


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

Instrument :

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ClientSampleId :

SUP-B038(5-7)

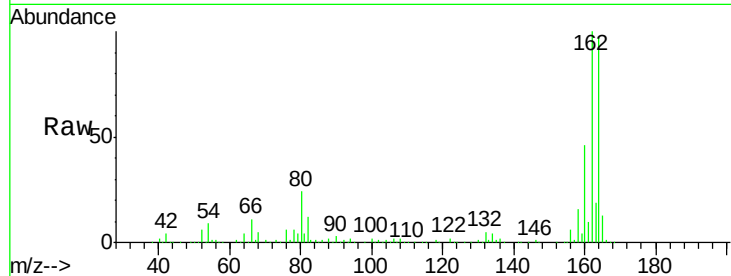
Tgt Ion:164 Resp: 299673

Ion Ratio Lower Upper

164 100

162 102.7 85.1 127.7

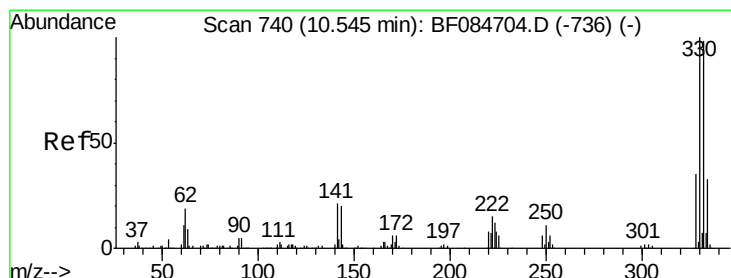
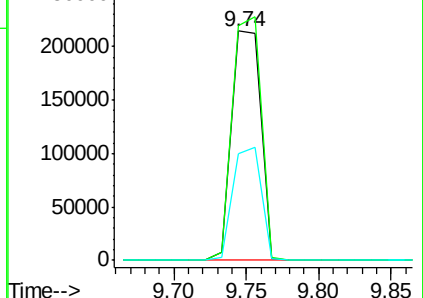
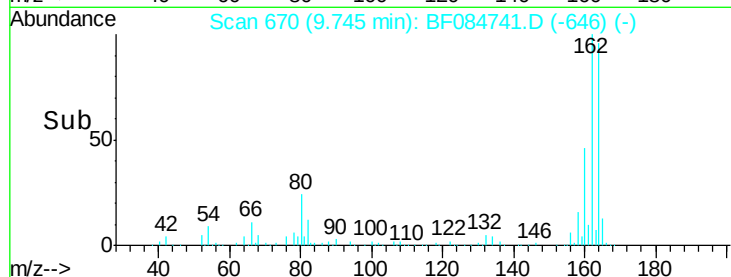
160 46.8 37.5 56.3



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: 20.48 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

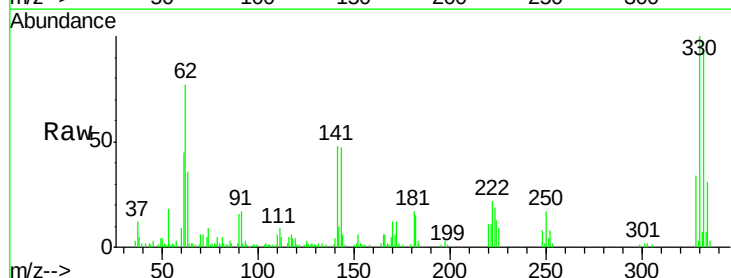
Tgt Ion:330 Resp: 64004

Ion Ratio Lower Upper

330 100

332 93.9 76.6 114.8

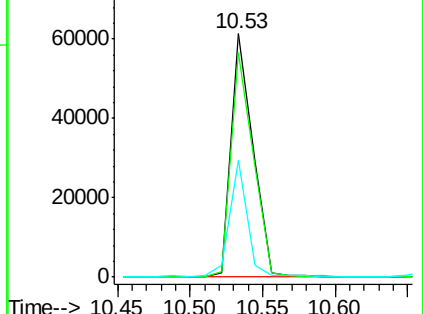
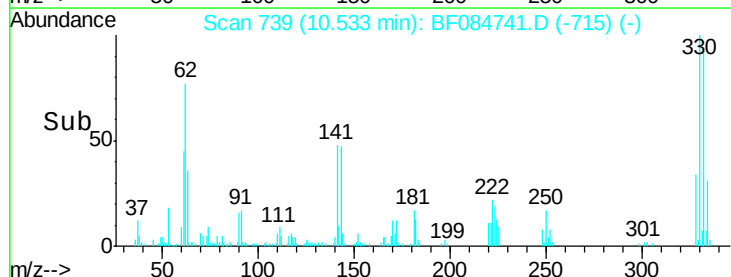
141 40.2 27.8 41.6

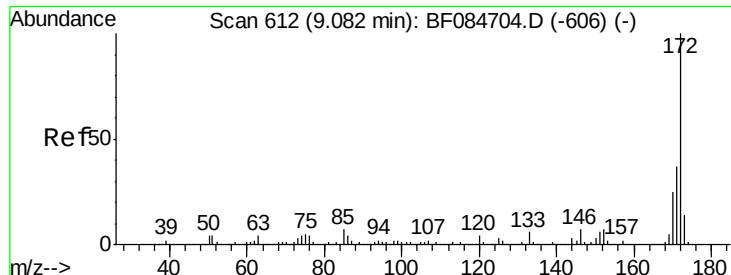


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

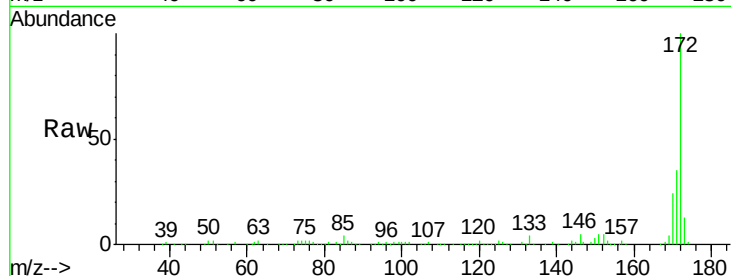




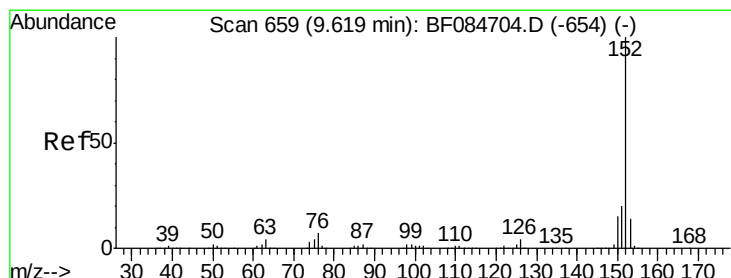
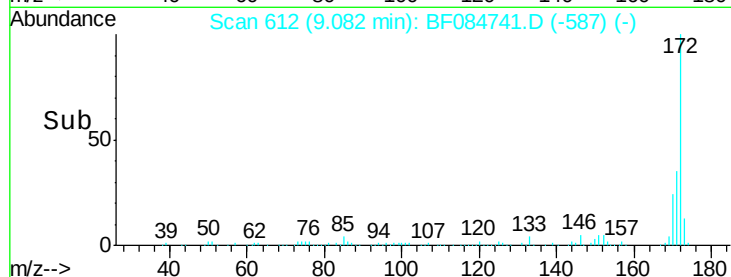
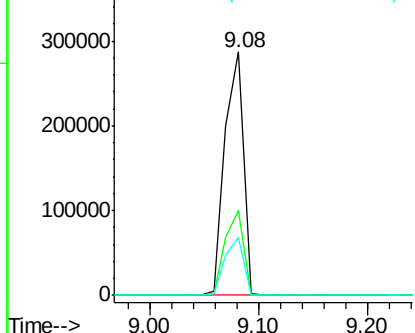
#44
 2-Fluorobiphenyl
 Concen: 14.23 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084741.D
 Acq: 2 Feb 2016 6:04

Instrument :
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 SUP-B038(5-7)

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.7	18.6	27.8

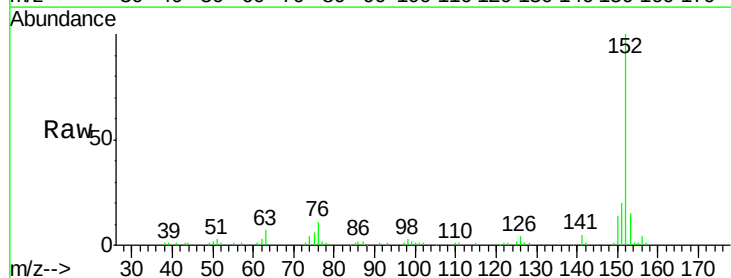


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

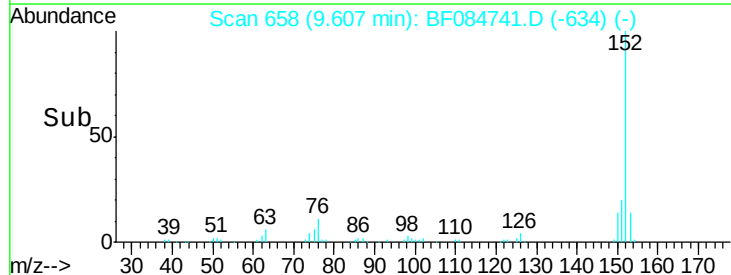
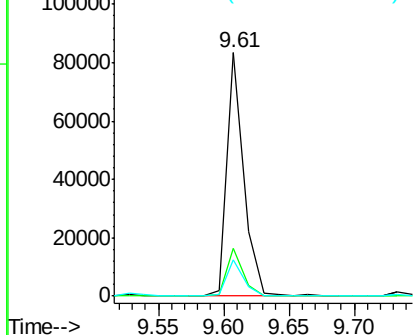


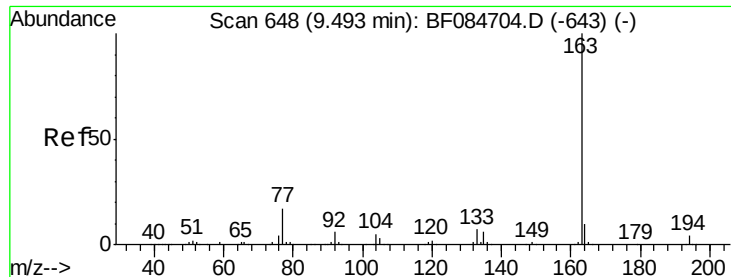
#48
 Acenaphthylene
 Concen: 2.51 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.02 min
 Lab File: BF084741.D
 Acq: 2 Feb 2016 6:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	14.7	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: 2.01 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

Instrument :

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ClientSampleId :

SUP-B038(5-7)

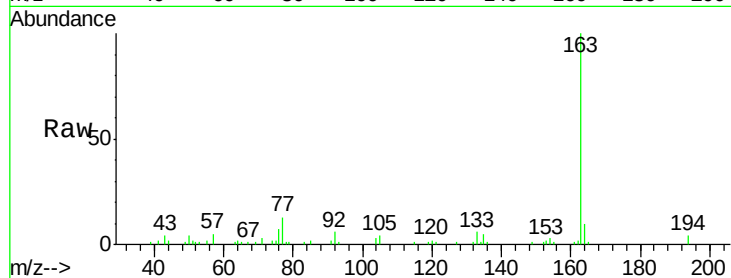
Tgt Ion:163 Resp: 45845

Ion Ratio Lower Upper

163 100

194 3.9 8.0 12.0#

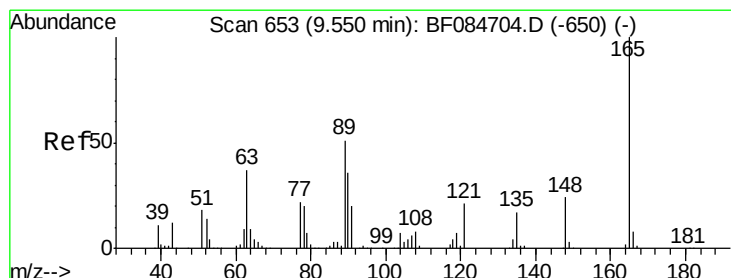
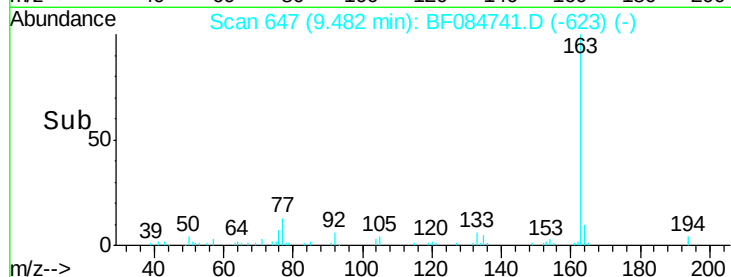
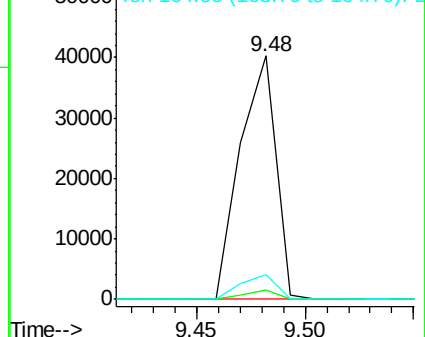
164 10.3 8.0 12.0



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



#50

2,6-Dinitrotoluene

Concen: 7.97 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.18 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

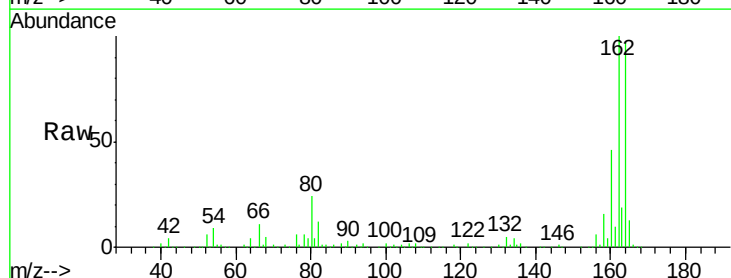
Tgt Ion:165 Resp: 39744

Ion Ratio Lower Upper

165 100

63 1.9 28.8 43.2#

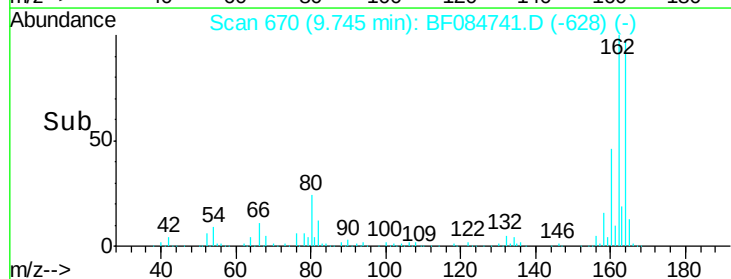
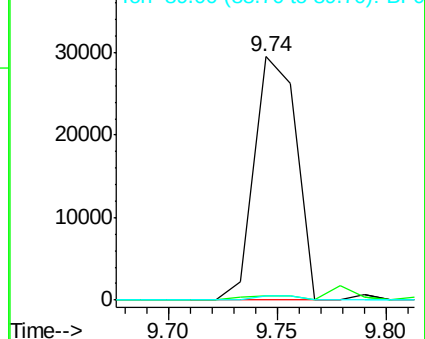
89 1.6 35.1 52.7#

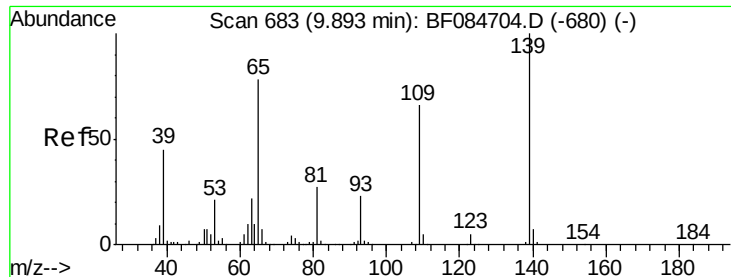


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#55

4-Nitrophenol

Concen: 3.18 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.06 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

Instrument :

BNA_F

ClientSampleId :

SUP-B038(5-7)

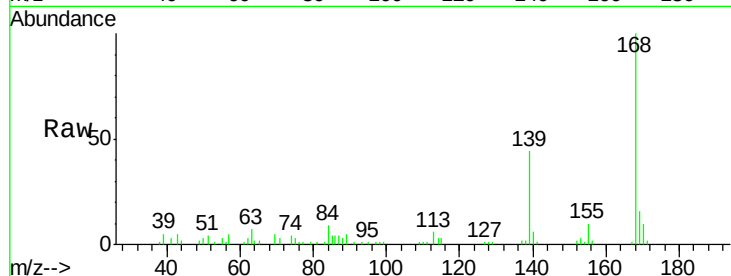
Tgt Ion:139 Resp: 13084

Ion Ratio Lower Upper

139 100

109 2.1 58.5 98.5#

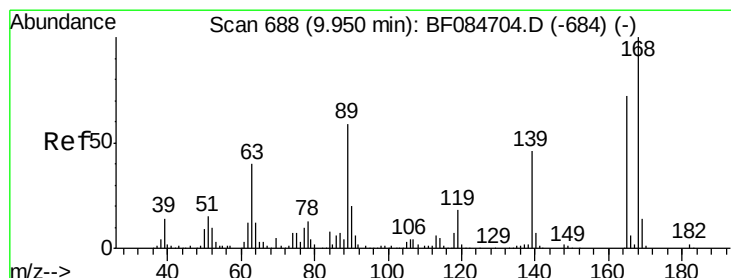
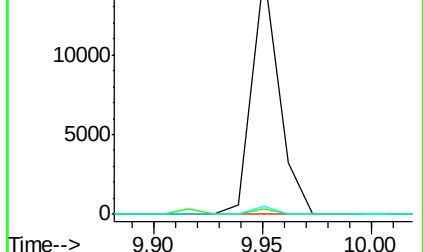
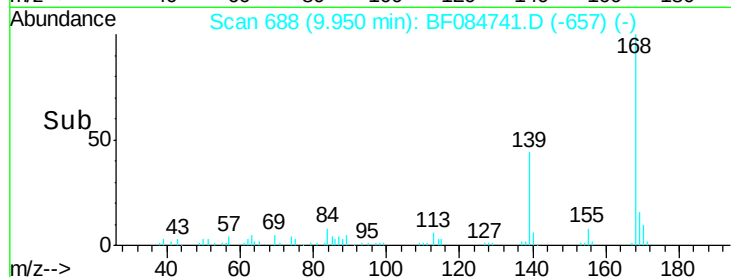
65 3.4 57.6 97.6#



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



#56

2,4-Dinitrotoluene

Concen: 6.25 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.22 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

Tgt Ion:165 Resp: 39744

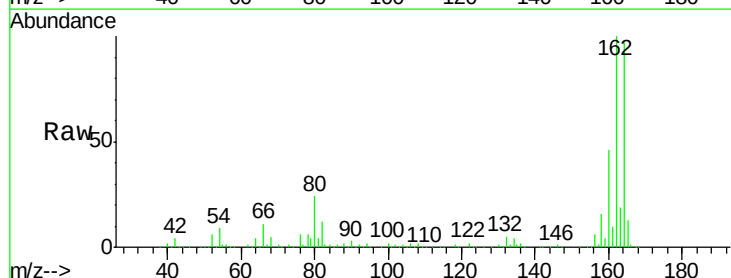
Ion Ratio Lower Upper

165 100

63 1.9 36.7 55.1#

89 1.6 61.9 92.9#

182 0.0 2.0 3.0#

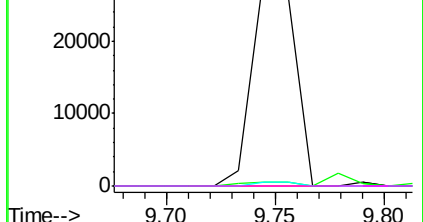
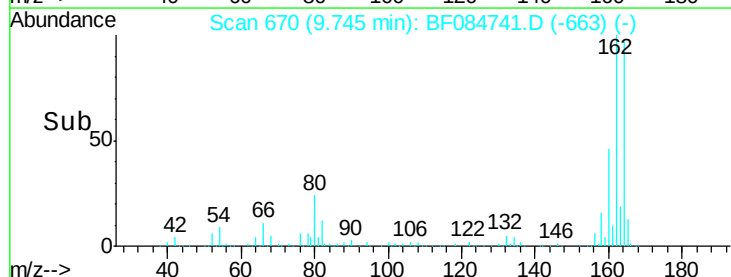


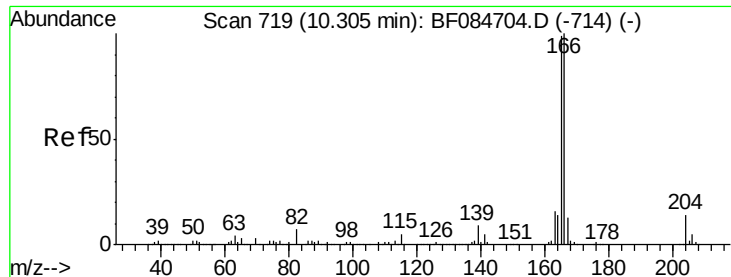
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

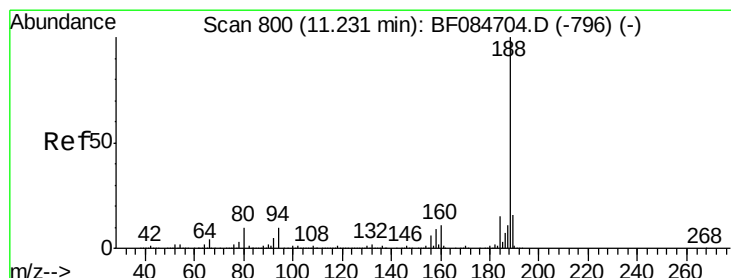
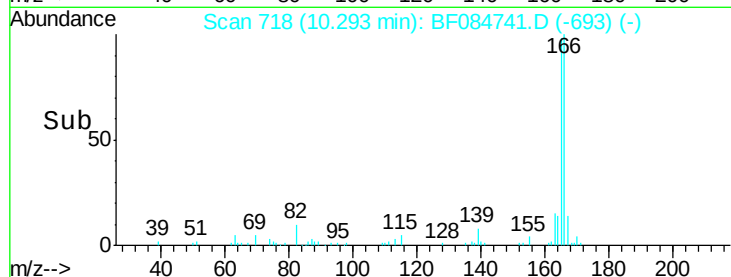
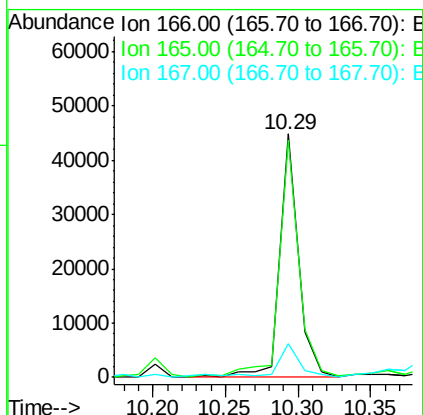
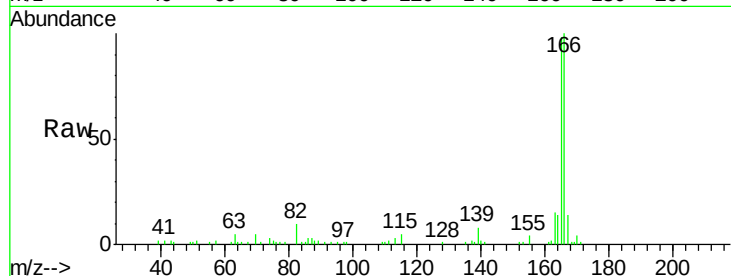




#57
 Fluorene
 Concen: 2.01 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BF084741.D
 Acq: 2 Feb 2016 6:04

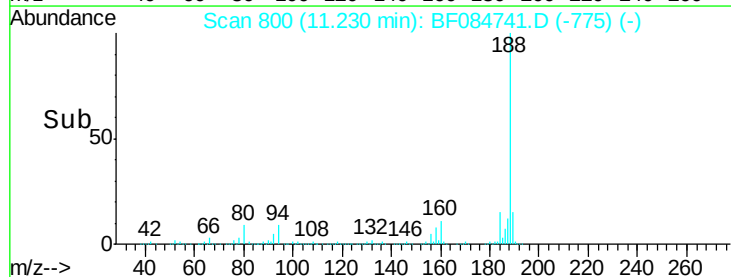
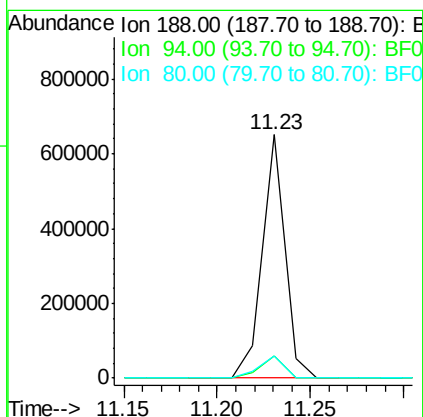
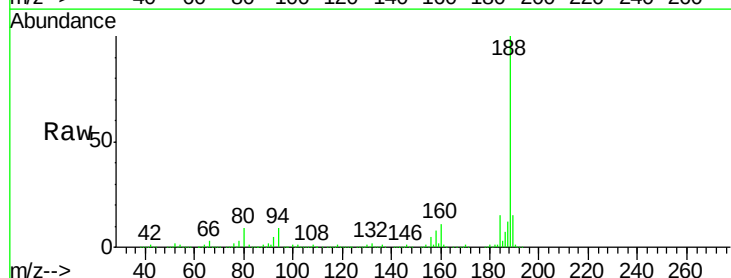
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B038(5-7)

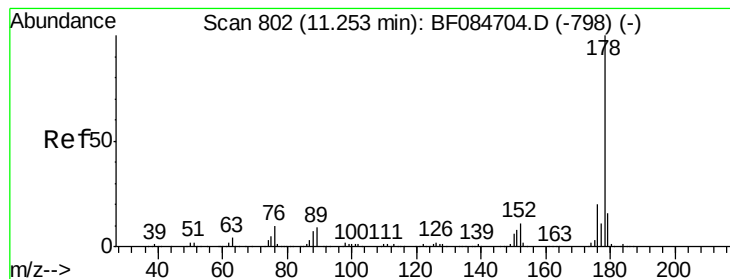
Tgt Ion:166 Resp: 40008
 Ion Ratio Lower Upper
 166 100
 165 97.6 79.1 118.7
 167 13.7 10.4 15.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF084741.D
 Acq: 2 Feb 2016 6:04

Tgt Ion:188 Resp: 545015
 Ion Ratio Lower Upper
 188 100
 94 9.2 9.0 13.4
 80 9.2 9.6 14.4#





#70

Phenanthrene

Concen: 15.79 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

Instrument :

BNA_F

ClientSampleId :

SUP-B038(5-7)

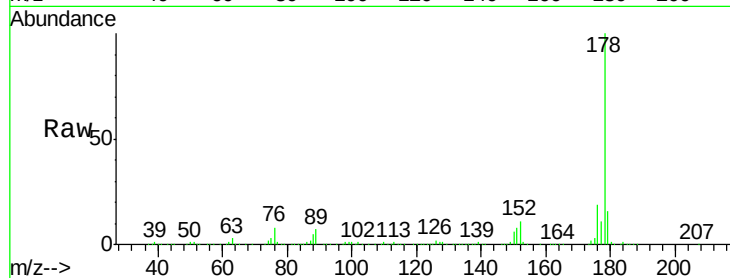
Tgt Ion:178 Resp: 477424

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

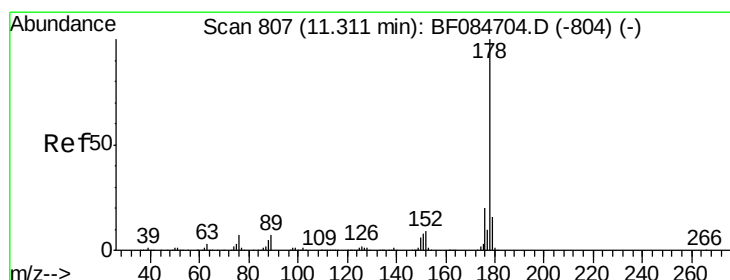
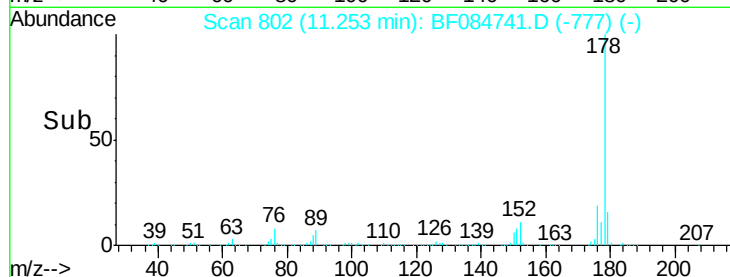
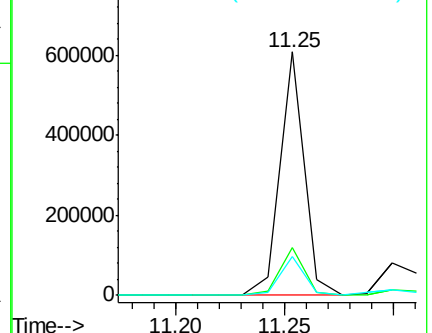
179 15.9 12.0 18.0



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: 3.23 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

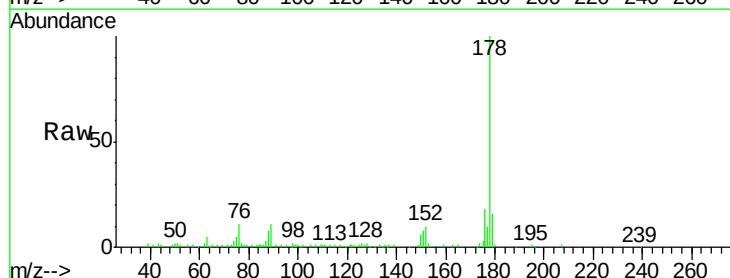
Tgt Ion:178 Resp: 98510

Ion Ratio Lower Upper

178 100

176 18.0 15.4 23.0

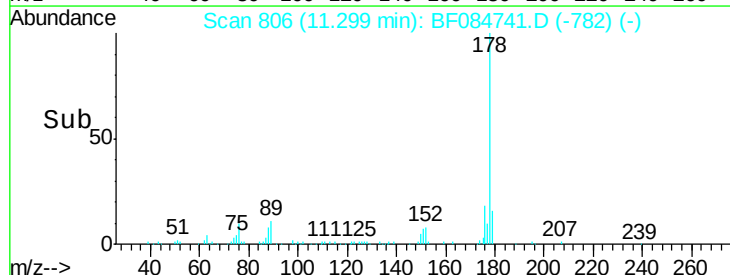
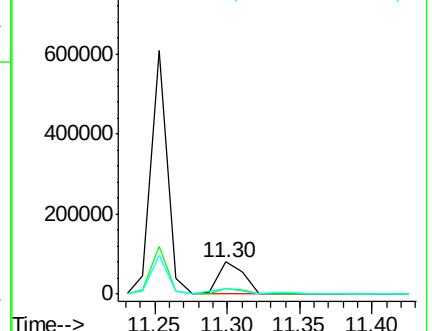
179 15.5 12.5 18.7

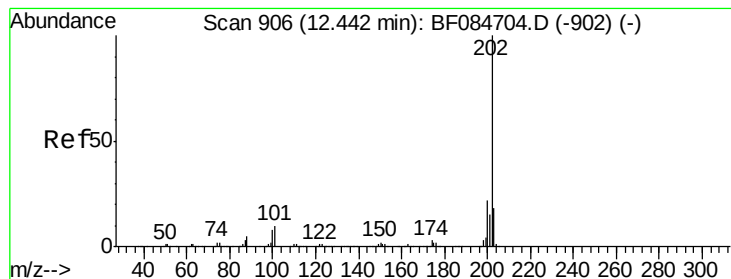


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 13.76 ng

RT: 12.44 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

Instrument :

BNA_F

ClientSampleId :

SUP-B038(5-7)

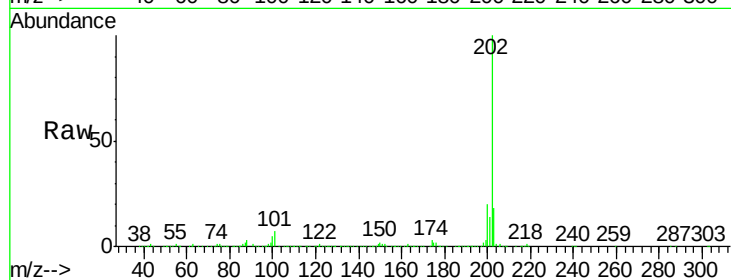
Tgt Ion:202 Resp: 421056

Ion Ratio Lower Upper

202 100

101 6.9 0.0 32.8

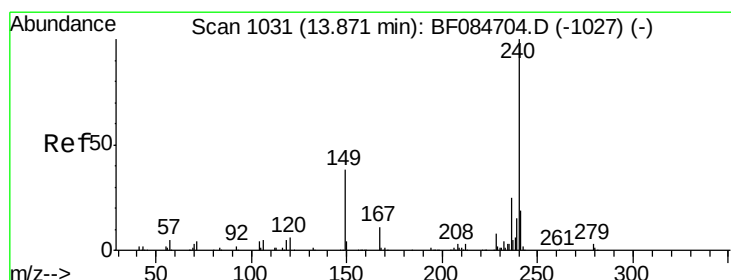
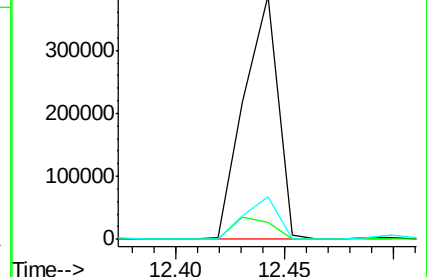
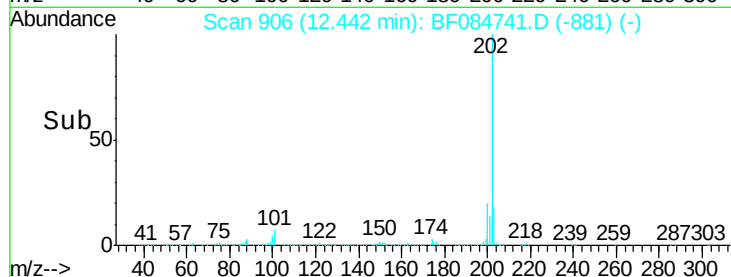
203 17.7 0.0 37.9



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: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

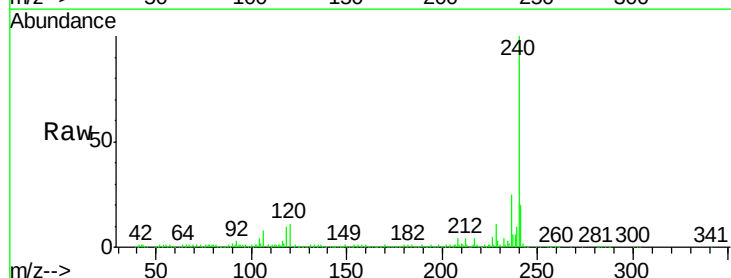
Tgt Ion:240 Resp: 337297

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

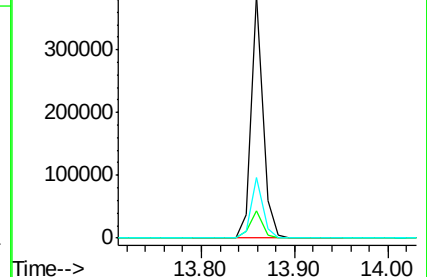
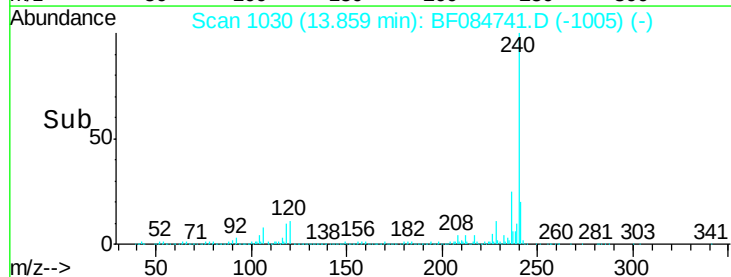
236 25.1 20.6 31.0

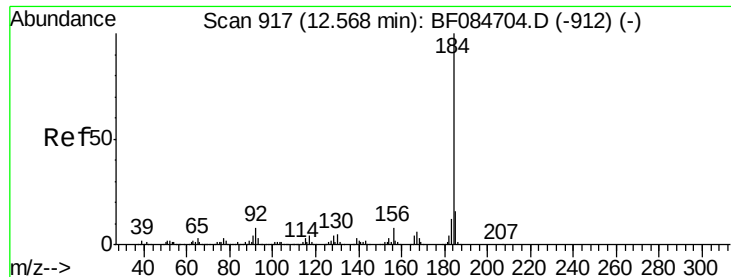


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 6.91 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.18 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

Instrument :

BNA_F

ClientSampleId :

SUP-B038(5-7)

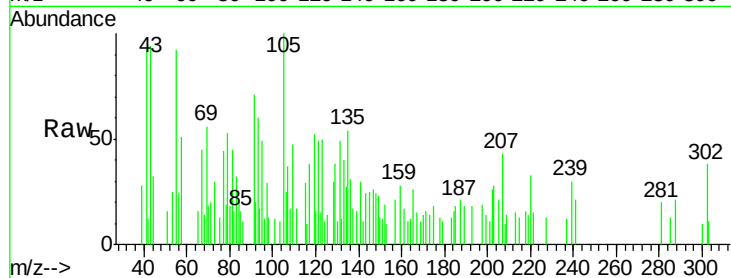
Tgt Ion:184 Resp: 311

Ion Ratio Lower Upper

184 100

185 116.8 12.2 18.2#

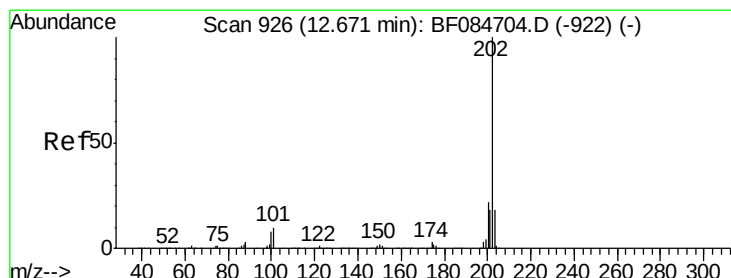
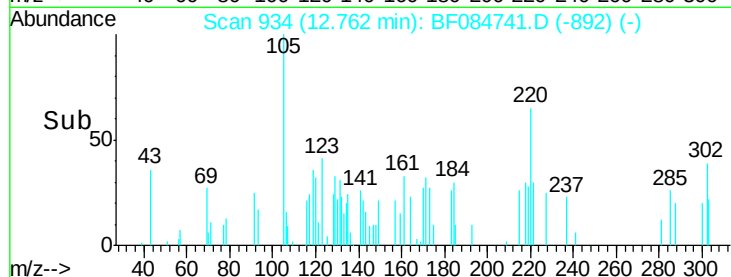
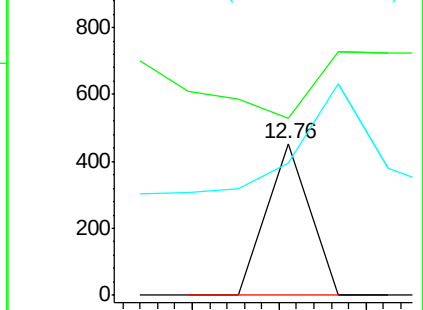
183 86.8 9.8 14.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 14.40 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

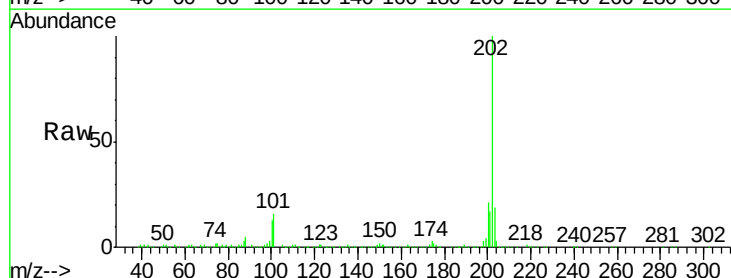
Tgt Ion:202 Resp: 371806

Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

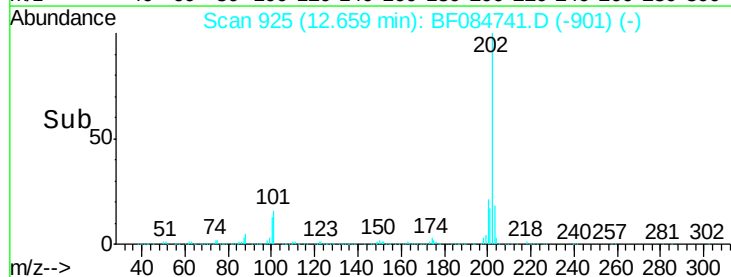
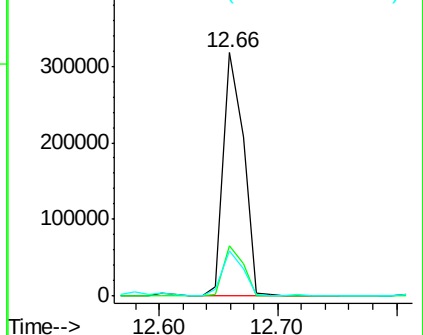
203 18.5 14.3 21.5

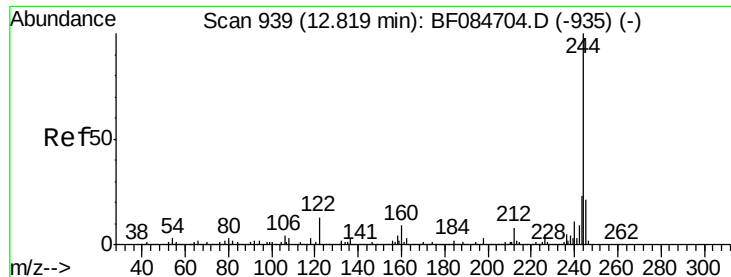


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 15.96 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

Instrument :

BNA_F

ClientSampleId :

SUP-B038(5-7)

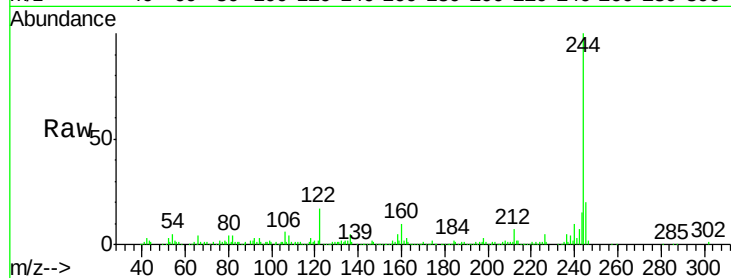
Tgt Ion:244 Resp: 237597

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

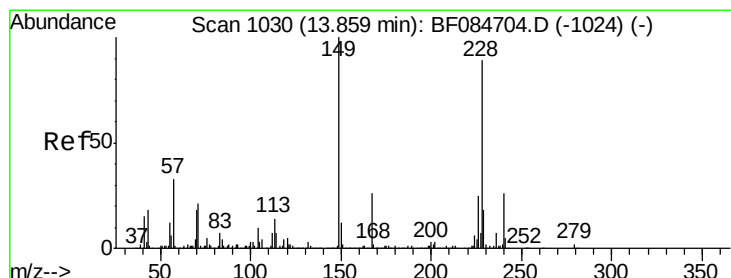
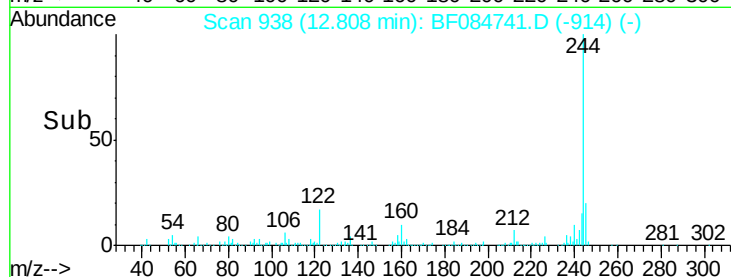
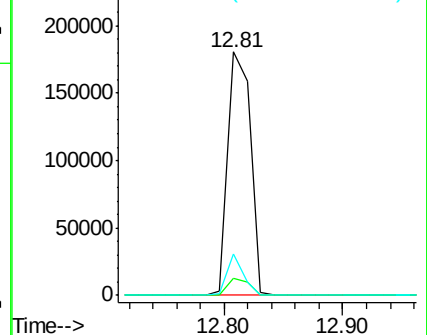
122 17.0 7.4 11.0#



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: 5.61 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.02 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

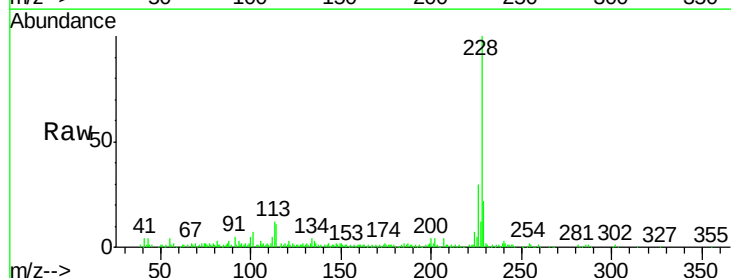
Tgt Ion:228 Resp: 117452

Ion Ratio Lower Upper

228 100

226 29.6 21.8 32.6

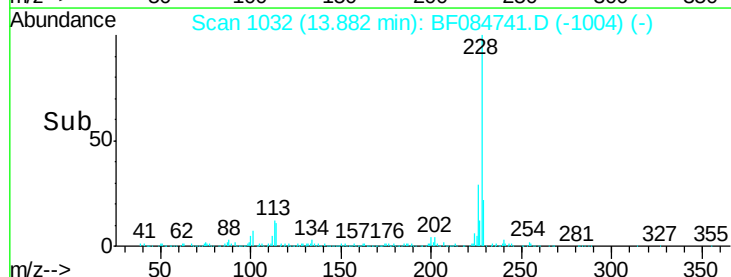
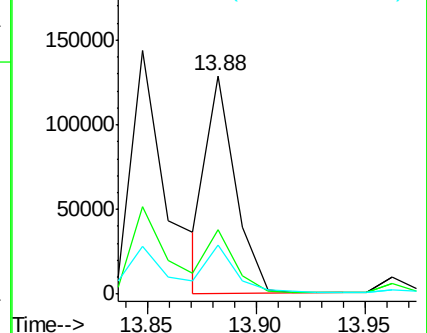
229 22.3 15.8 23.8

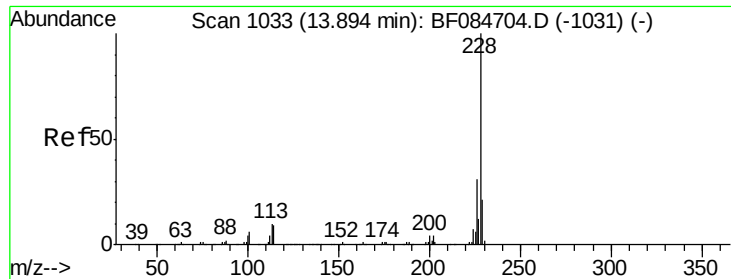


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

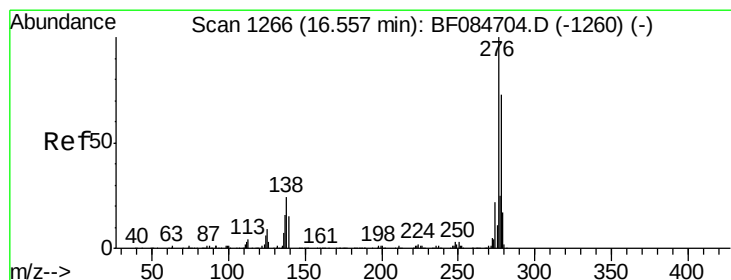
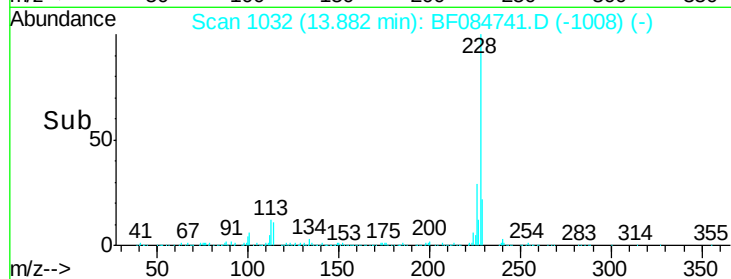
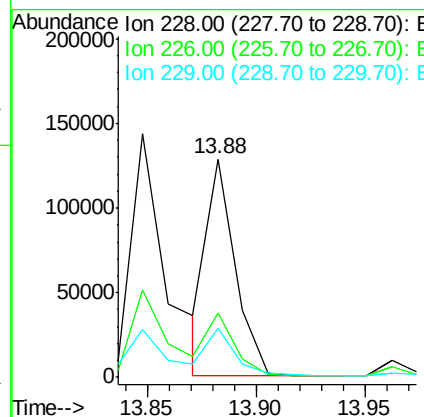
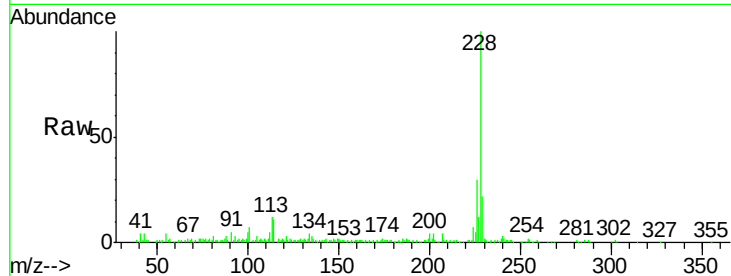




#82
Chrysene
Concen: 5.73 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

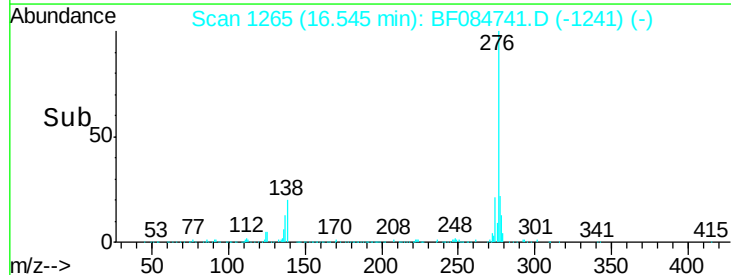
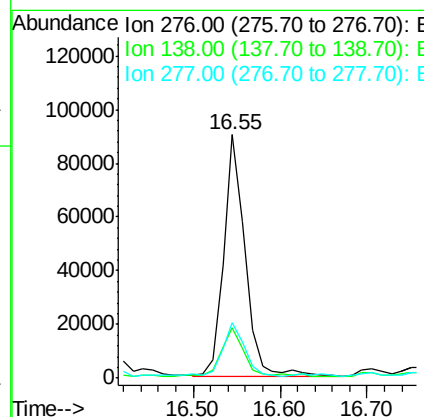
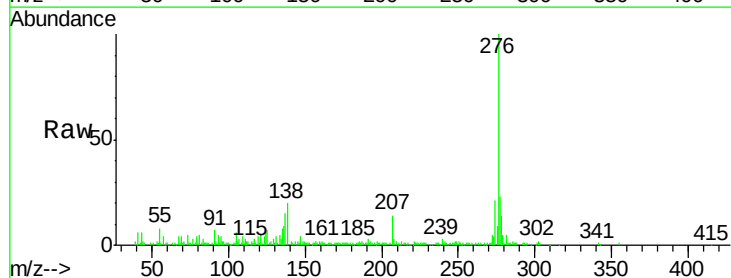
Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

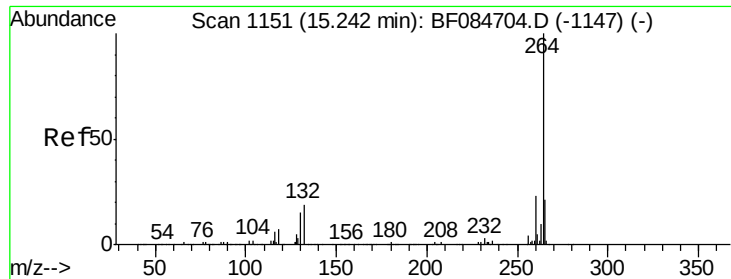
Tgt Ion:228 Resp: 116421
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 22.3 16.1 24.1



#85
Indeno(1,2,3-cd)pyrene
Concen: 9.73 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion:276 Resp: 155499
Ion Ratio Lower Upper
276 100
138 19.9 20.6 30.8#
277 23.2 20.1 30.1

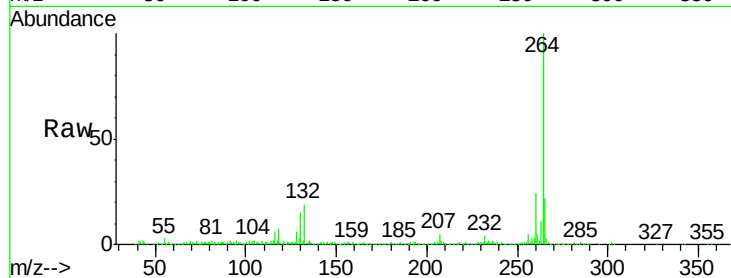




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	22.5	17.8	26.6

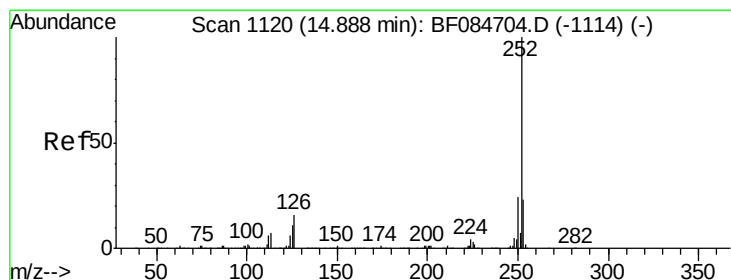
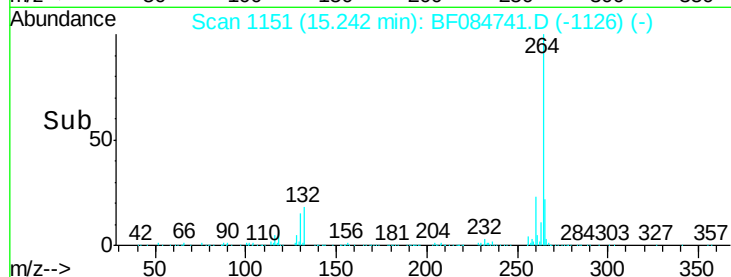
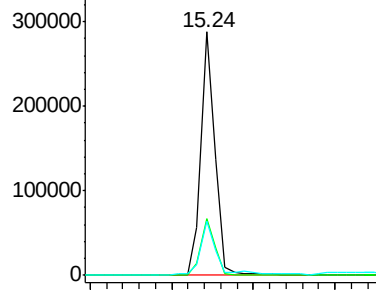


Abundance

Ion 264.00 (263.70 to 264.70): E

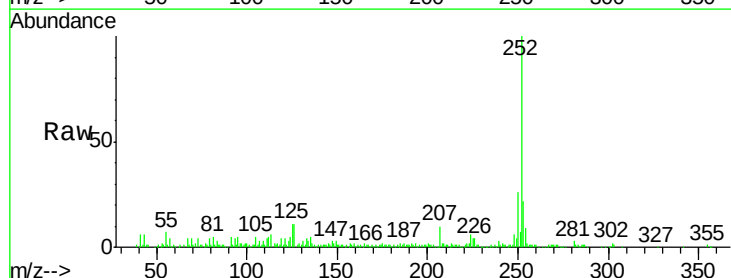
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 10.21 ng
RT: 14.87 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	10.7	6.5	9.7#

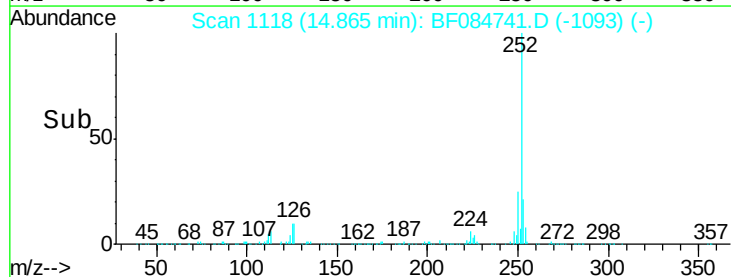
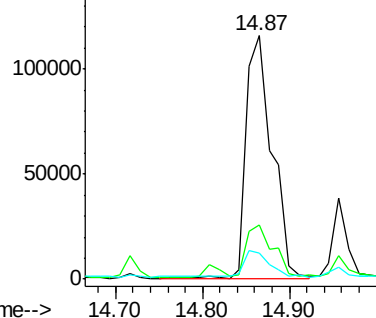


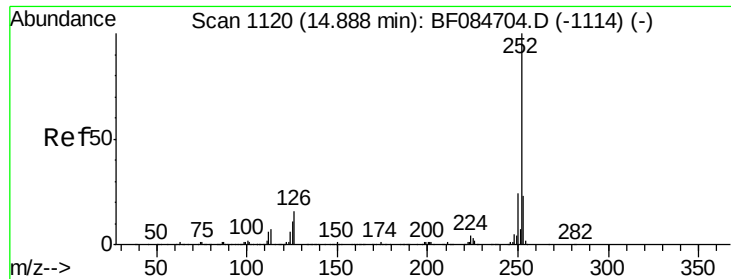
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

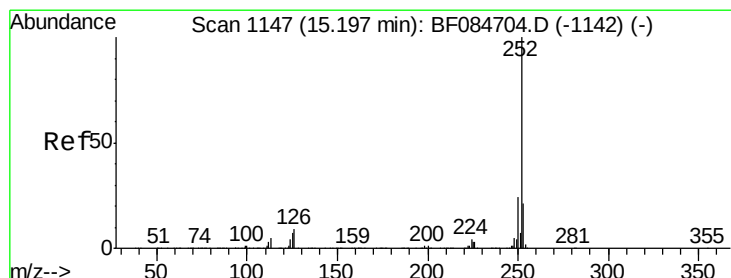
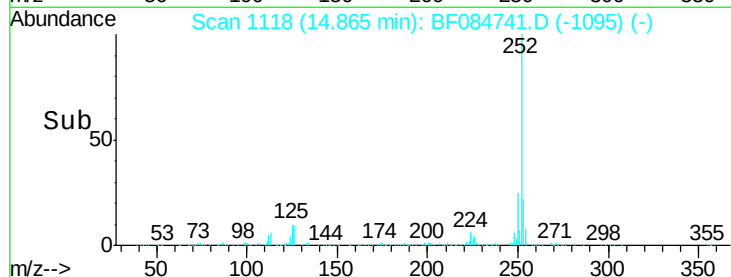
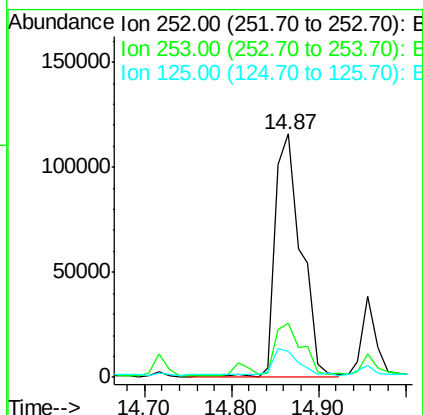
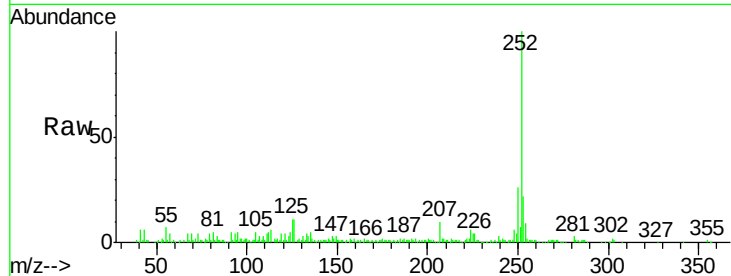




#88
Benzo(k)fluoranthene
Concen: 12.35 ng
RT: 14.87 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

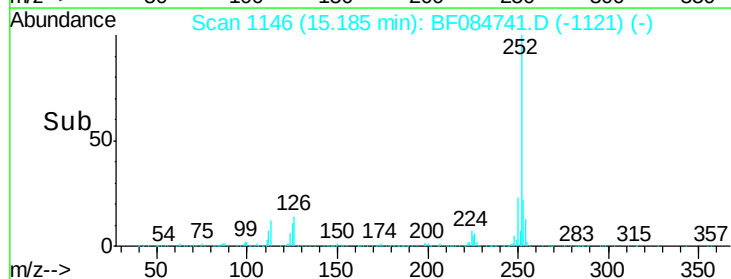
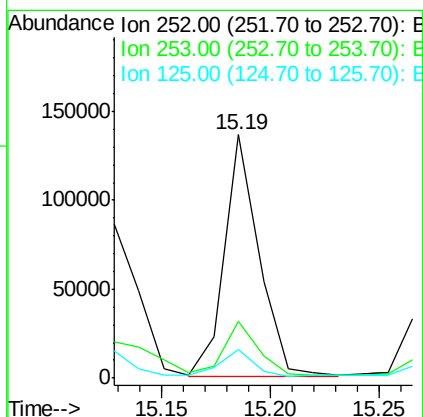
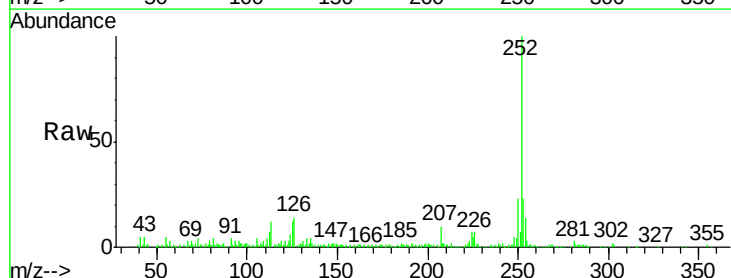
Instrument :
BNA_F
ClientSampleId :
SUP-B038(5-7)

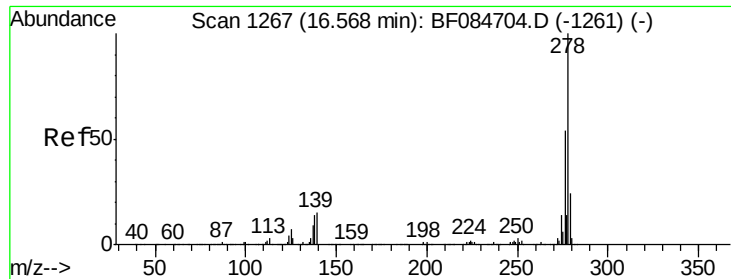
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.7	9.0	13.6



#89
Benzo(a)pyrene
Concen: 7.63 ng
RT: 15.19 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF084741.D
Acq: 2 Feb 2016 6:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	11.8	7.0	10.4#





#90

Dibenzo(a,h)anthracene

Concen: 2.18 ng

RT: 16.56 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

Instrument :

BNA_F

ClientSampleId :

SUP-B038(5-7)

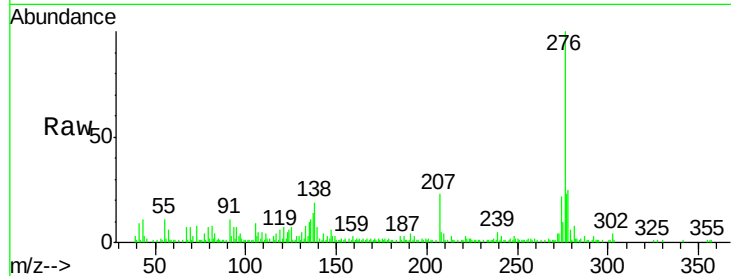
Tgt Ion:278 Resp: 36308

Ion Ratio Lower Upper

278 100

139 26.8 15.0 22.4#

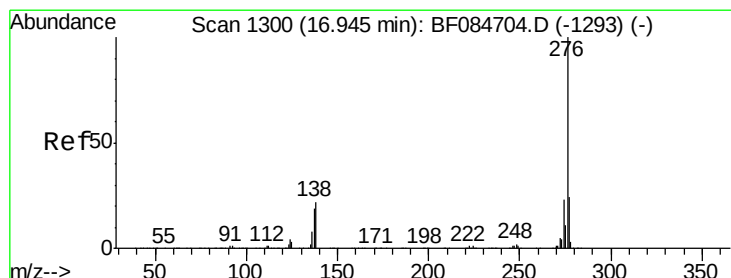
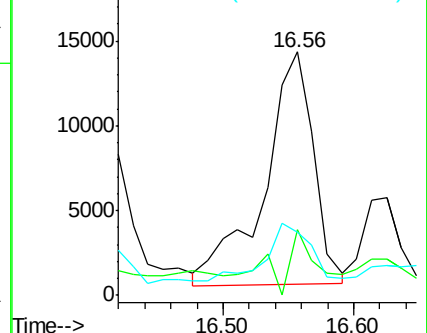
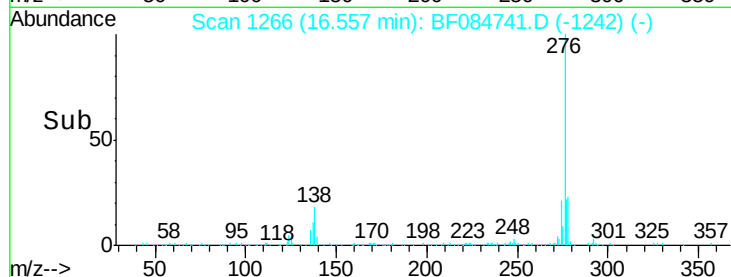
279 26.1 18.9 28.3



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: 10.59 ng

RT: 16.93 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF084741.D

Acq: 2 Feb 2016 6:04

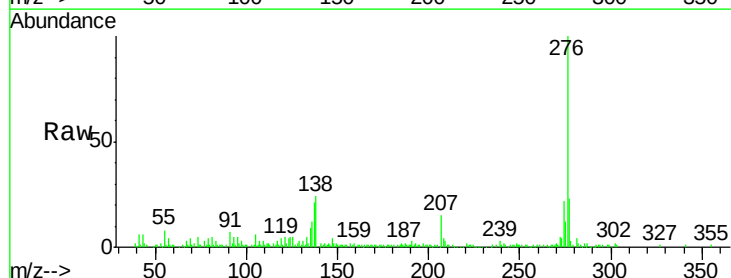
Tgt Ion:276 Resp: 178019

Ion Ratio Lower Upper

276 100

277 22.5 18.8 28.2

138 24.5 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

