

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084744.D
 Acq On : 2 Feb 2016 7:28
 Operator : SJ/IZ
 Sample : H1272-07DL 10X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(16-18)DL

Quant Time: Feb 02 07:54:54 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	6.70	152	161098	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	639816	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	272074	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	476664	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	319583	20.00	ng	-0.01
86) Perylene-d12	15.24	264	341049	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	122406	11.84	ng	-0.01
7) Phenol-d6	6.36	99	144602	11.28	ng	-0.01
23) Nitrobenzene-d5	7.28	82	93269	8.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	27884	9.83	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	152972	6.31	ng	-0.02
78) Terphenyl-d14	12.81	244	105649	7.49	ng	-0.02

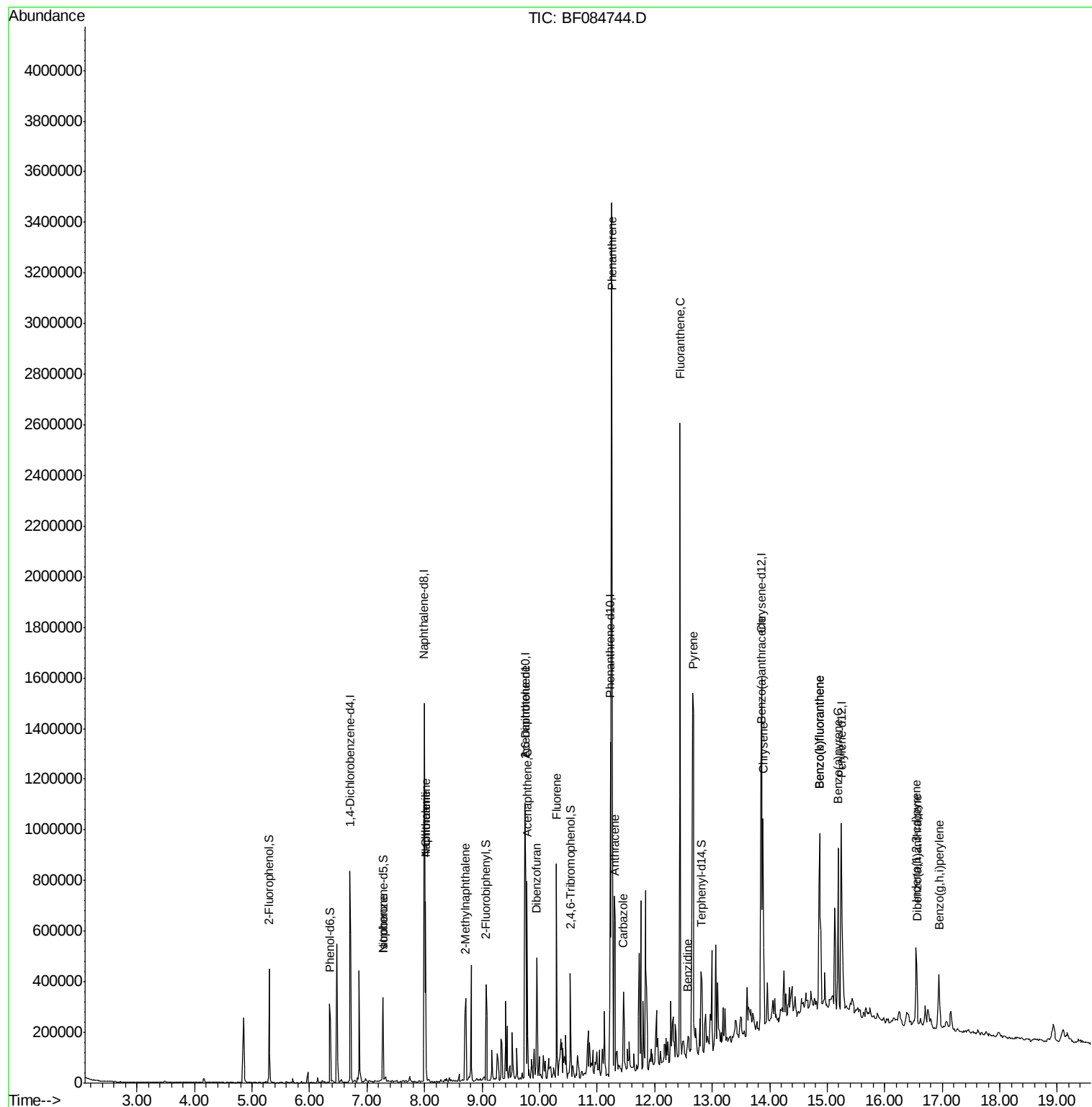
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	7.28	82	83254	3.77	ng	# 66
31) Naphthalene	8.02	128	276211	8.61	ng	98
33) 4-Chloroaniline	8.02	127	35242	2.66	ng	# 30
37) 2-Methylnaphthalene	8.72	142	127685	6.36	ng	94
50) 2,6-Dinitrotoluene	9.74	165	39095	8.64	ng	# 38
51) Acenaphthene	9.78	154	165609	9.37	ng	98
54) Dibenzofuran	9.95	168	137219	6.35	ng	94
57) Fluorene	10.29	166	205989	11.42	ng	99
70) Phenanthrene	11.25	178	1376678	52.07	ng	97
71) Anthracene	11.31	178	424429	15.93	ng	97
72) Carbazole	11.46	167	138610	5.97	ng	98
74) Fluoranthene	12.44	202	1098289	41.04	ng	95
76) Benzydine	12.58	184	440	6.92	ng	# 1
77) Pyrene	12.67	202	886588	36.23	ng	99
80) Benzo(a)anthracene	13.85	228	439299	22.15	ng	99
82) Chrysene	13.88	228	310538	16.14	ng	97
85) Indeno(1,2,3-cd)pyrene	16.55	276	190049	12.55	ng	94
87) Benzo(b)fluoranthene	14.87	252	543232	23.71	ng	# 96
88) Benzo(k)fluoranthene	14.87	252	543232	28.67	ng	99
89) Benzo(a)pyrene	15.19	252	301490	15.44	ng	# 94
90) Dibenz(a,h)anthracene	16.56	278	55139	3.35	ng	93
91) Benzo(g,h,i)perylene	16.95	276	188987	11.41	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: 6.70 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(16-18)DL

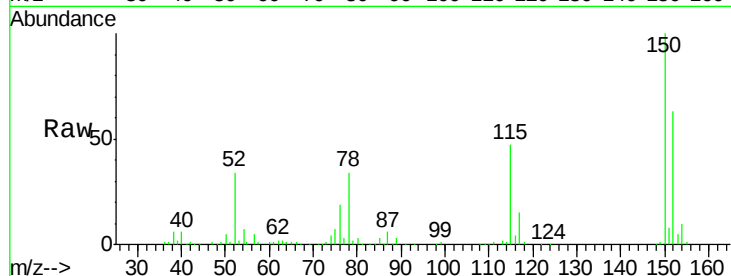
Tgt Ion:152 Resp: 161098

Ion Ratio Lower Upper

152 100

150 159.7 123.0 184.4

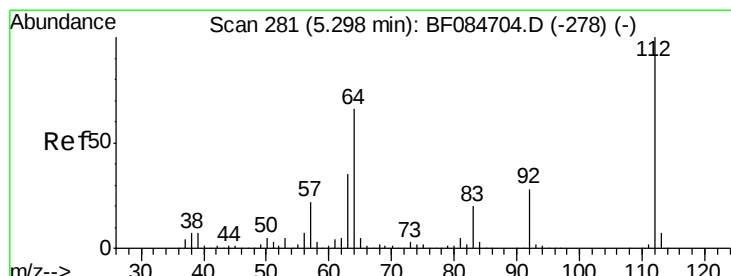
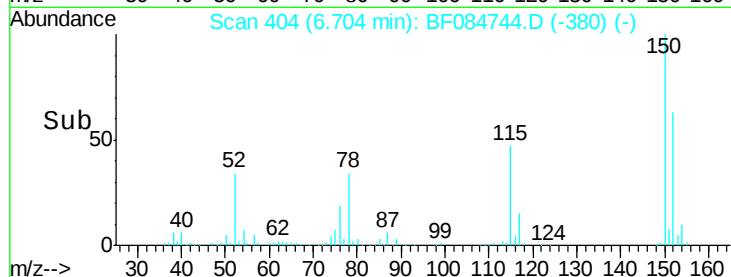
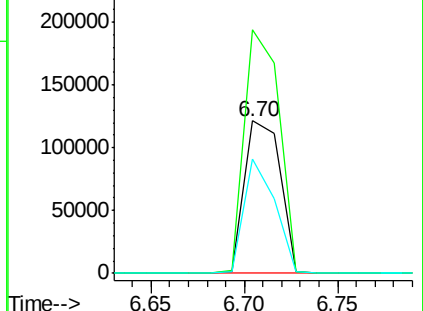
115 74.6 51.4 77.2



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: 11.84 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

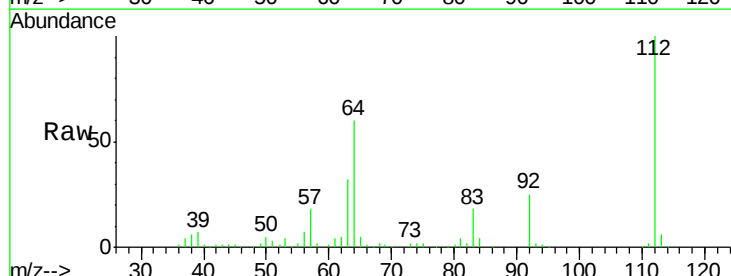
Tgt Ion:112 Resp: 122406

Ion Ratio Lower Upper

112 100

64 60.5 36.6 55.0#

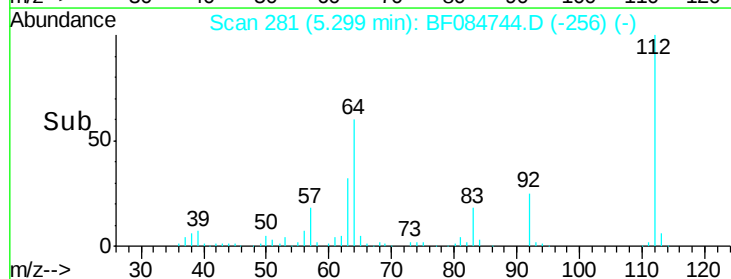
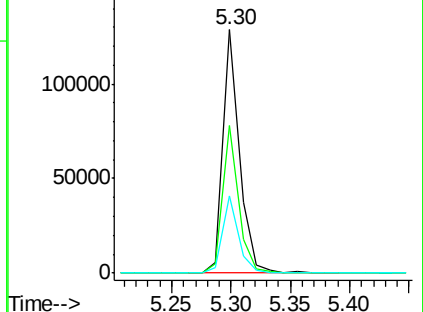
63 31.7 19.4 29.0#



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: 11.28 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(16-18)DL

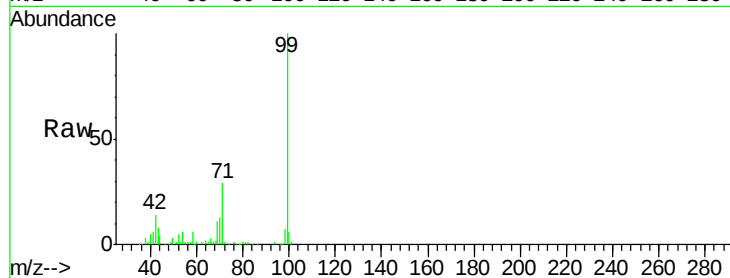
Tgt Ion: 99 Resp: 144602

Ion Ratio Lower Upper

99 100

42 13.9 12.8 19.2

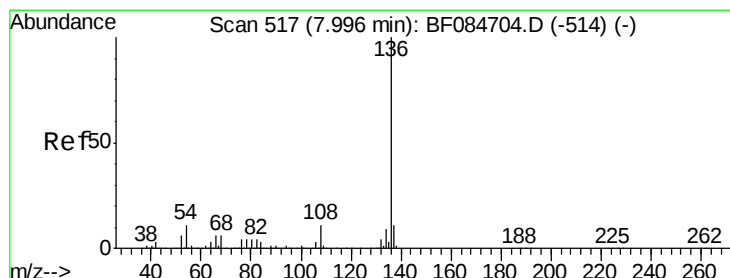
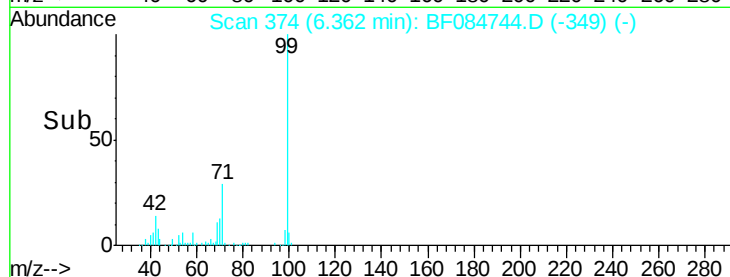
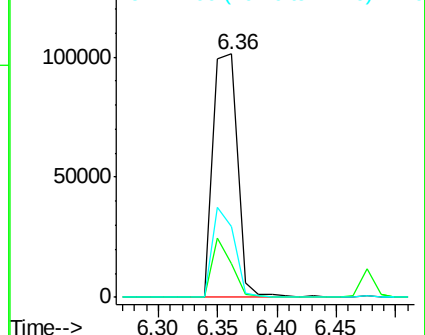
71 29.1 30.9 46.3#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

Tgt Ion: 136 Resp: 639816

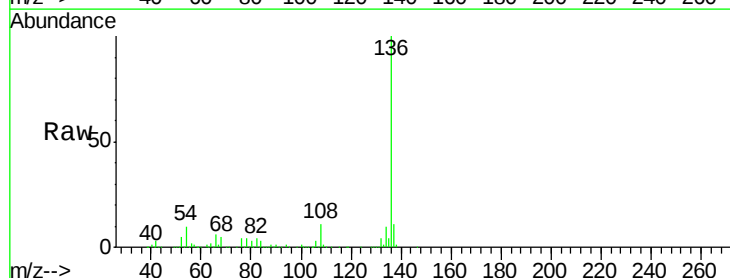
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.0 5.8 8.8#

68 5.4 4.2 6.2

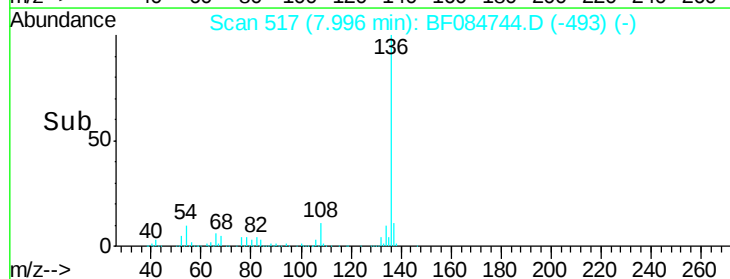
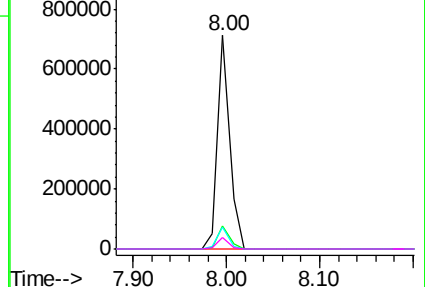


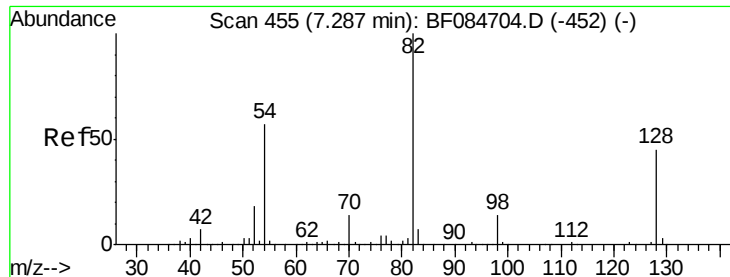
Abundance Ion 136.00 (135.70 to 136.70): E

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

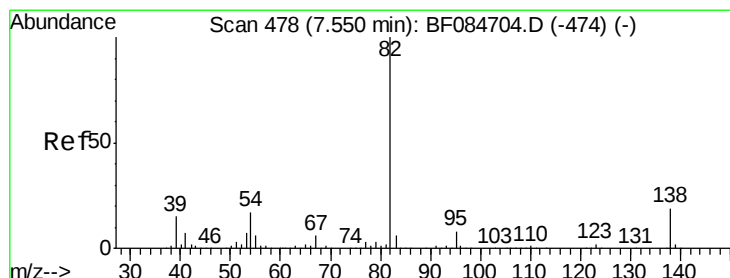
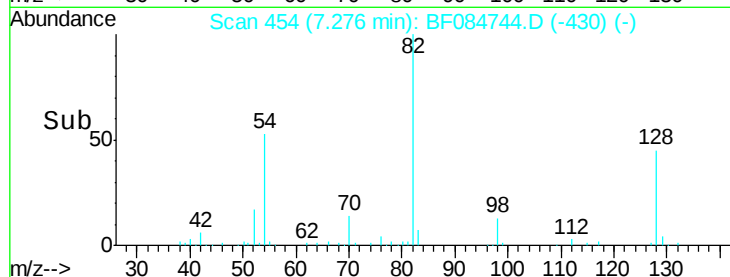
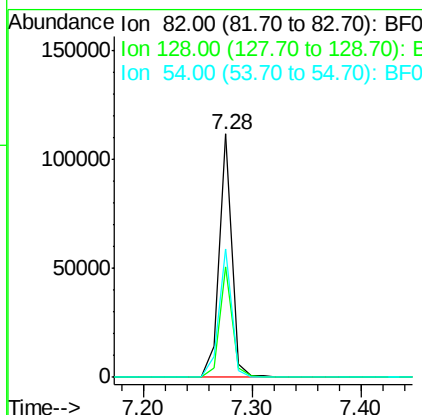
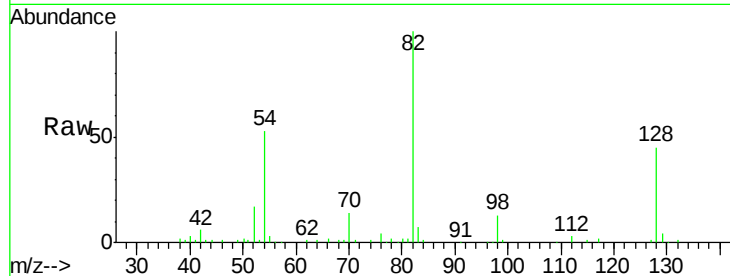




#23
 Nitrobenzene-d5
 Concen: 8.21 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF084744.D
 Acq: 2 Feb 2016 7:28

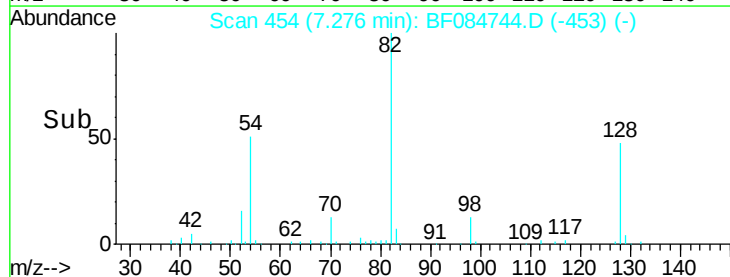
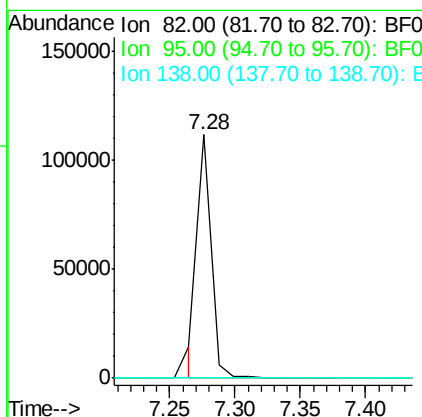
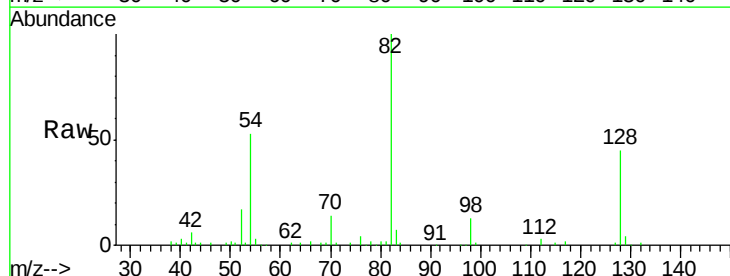
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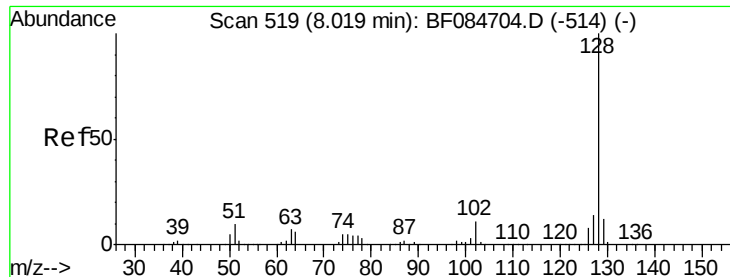
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	52.9	38.4	57.6



#25
 Isophorone
 Concen: 3.77 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.29 min
 Lab File: BF084744.D
 Acq: 2 Feb 2016 7:28

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#

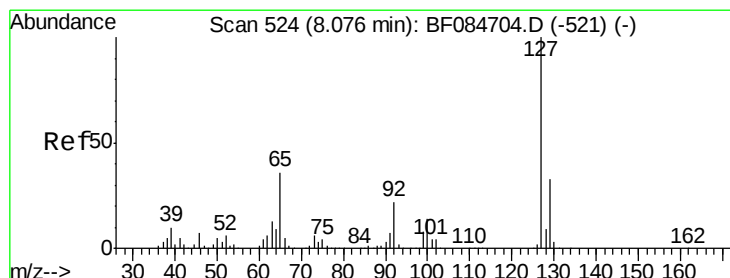
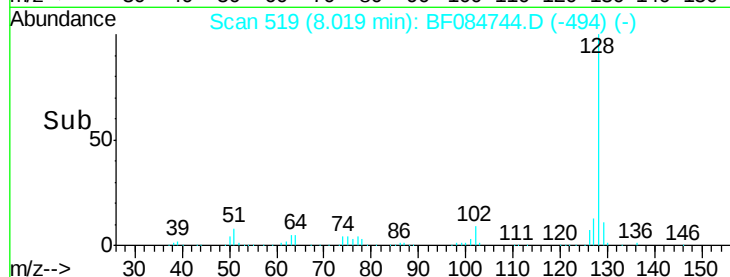
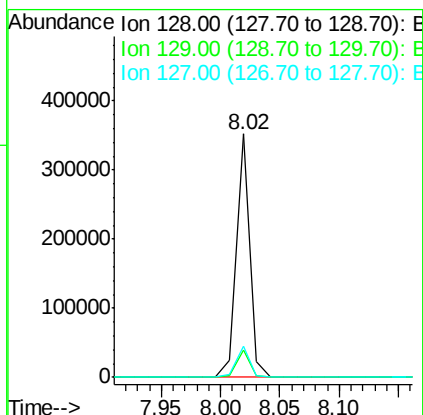
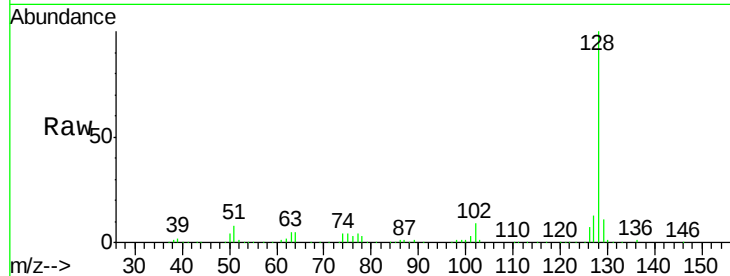




#31
Naphthalene
Concen: 8.61 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

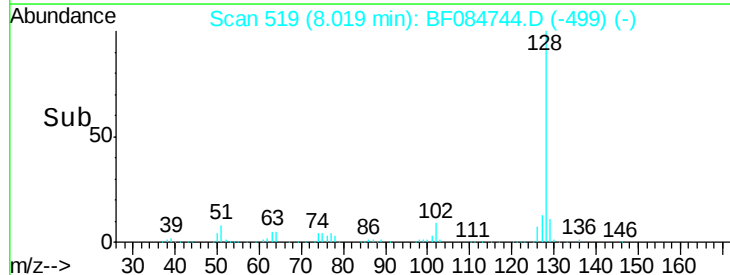
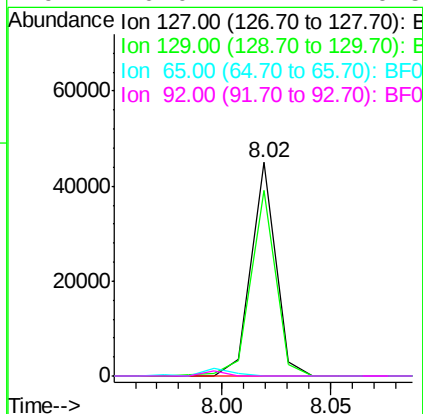
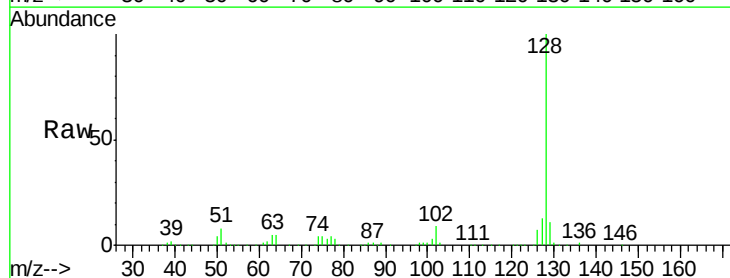
Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

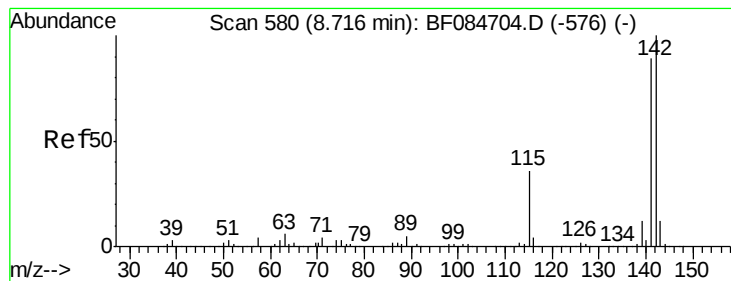
Tgt Ion:128 Resp: 276211
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 12.8 11.1 16.7



#33
4-Chloroaniline
Concen: 2.66 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.07 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:127 Resp: 35242
Ion Ratio Lower Upper
127 100
129 87.2 26.5 39.7#
65 0.0 27.2 40.8#
92 0.0 17.7 26.5#





#37

2-Methylnaphthalene

Concen: 6.36 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(16-18)DL

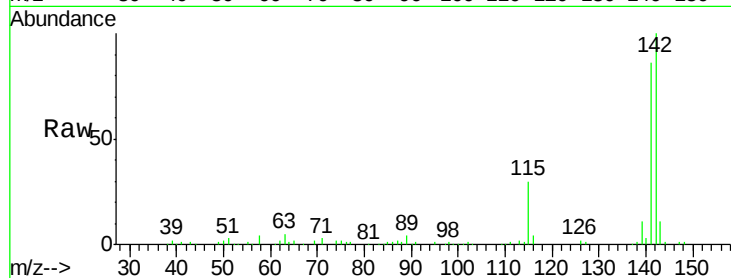
Tgt Ion:142 Resp: 127685

Ion Ratio Lower Upper

142 100

141 86.2 72.4 108.6

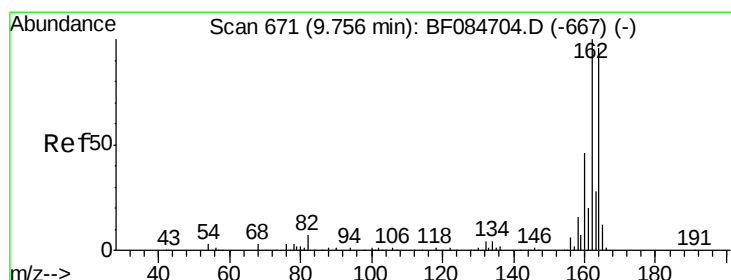
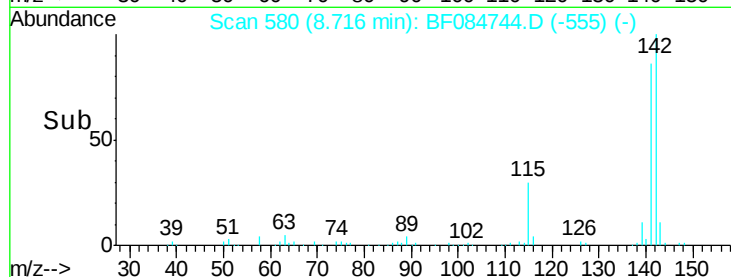
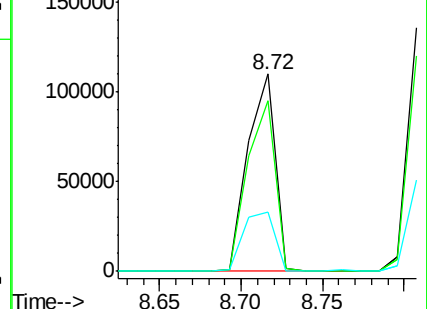
115 30.2 27.9 41.9



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: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

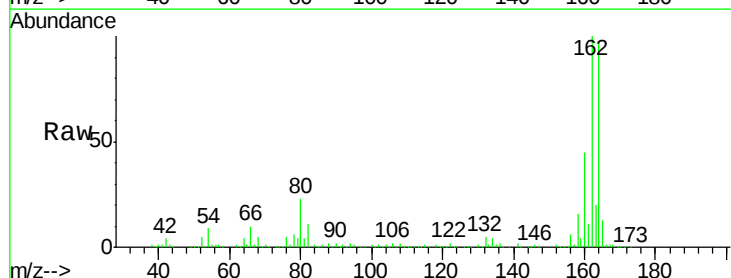
Tgt Ion:164 Resp: 272074

Ion Ratio Lower Upper

164 100

162 102.8 85.1 127.7

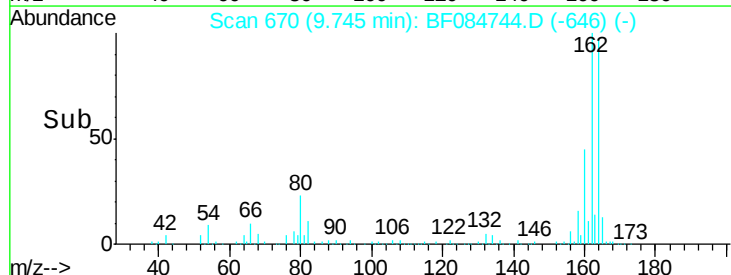
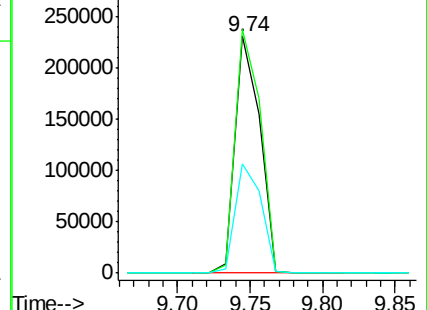
160 45.9 37.5 56.3

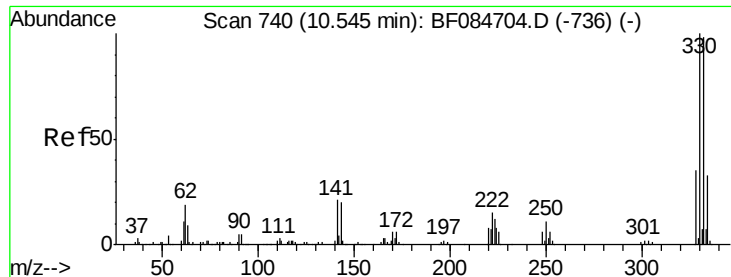


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

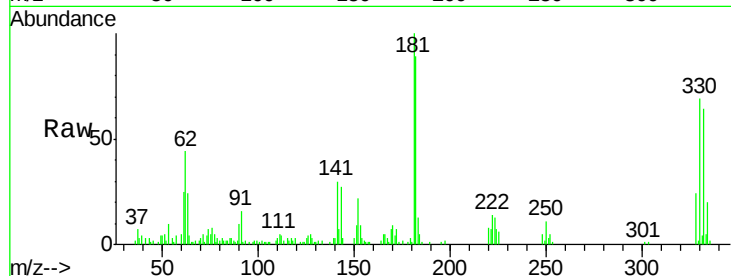




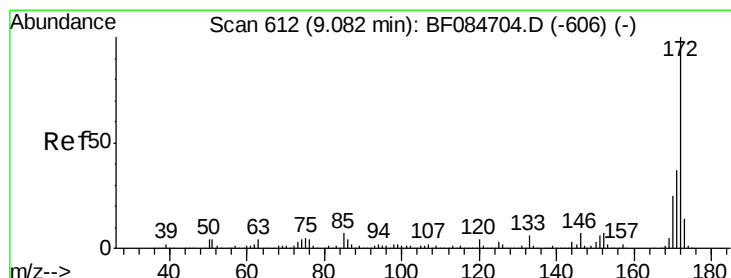
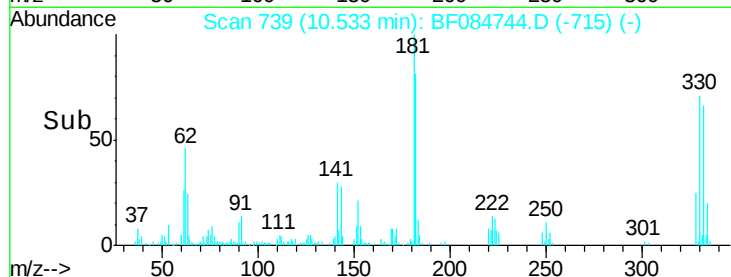
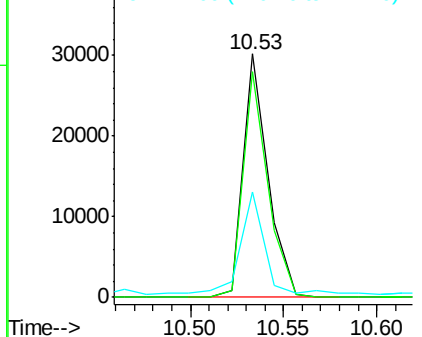
#41
 2,4,6-Tribromophenol
 Concen: 9.83 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084744.D
 Acq: 2 Feb 2016 7:28

Instrument :
 BNA_F
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 SUP-B013(16-18)DL

Tgt Ion:330 Resp: 27884
 Ion Ratio Lower Upper
 330 100
 332 92.5 76.6 114.8
 141 43.3 27.8 41.6#

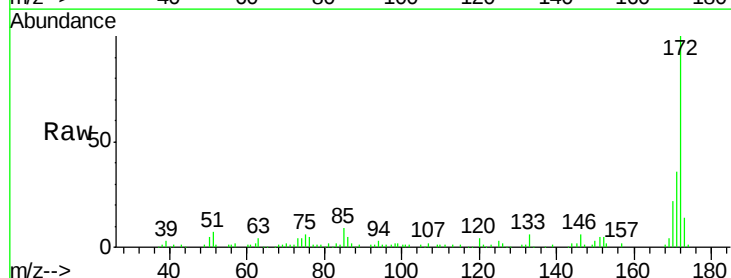


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

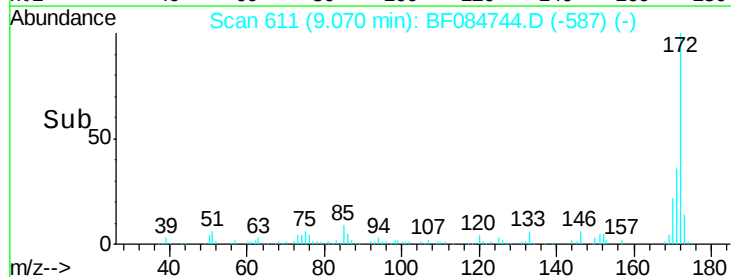
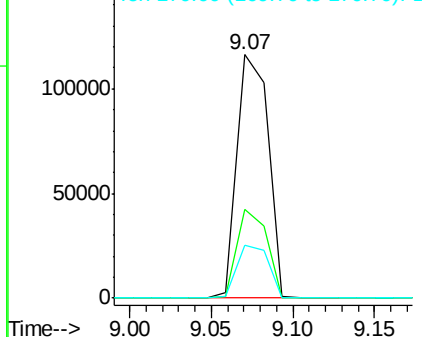


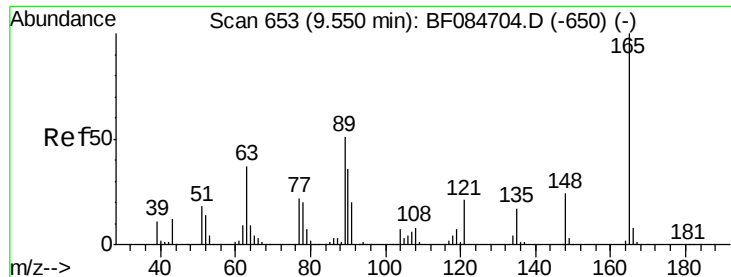
#44
 2-Fluorobiphenyl
 Concen: 6.31 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084744.D
 Acq: 2 Feb 2016 7:28

Tgt Ion:172 Resp: 152972
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 21.8 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

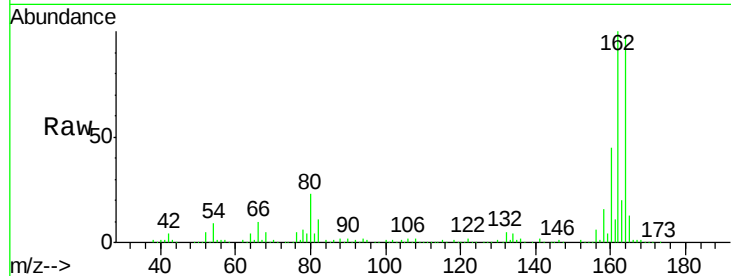




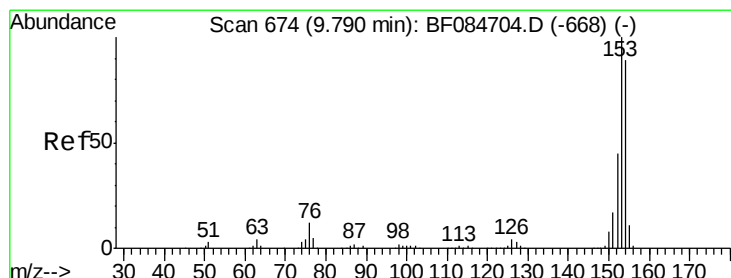
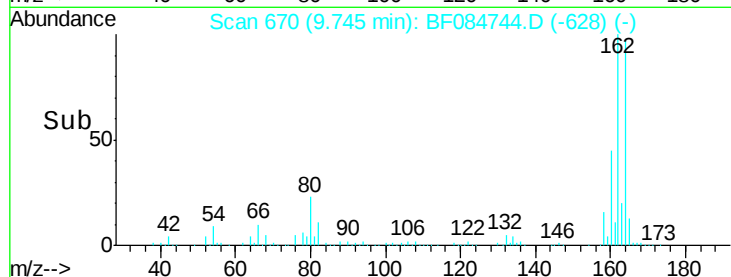
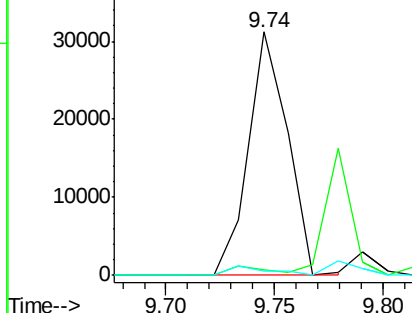
#50
2,6-Dinitrotoluene
Concen: 8.64 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.18 min
Lab File: BF084744.D
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BNA_F
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SUP-B013(16-18)DL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	28.8	43.2#
89	1.9	35.1	52.7#

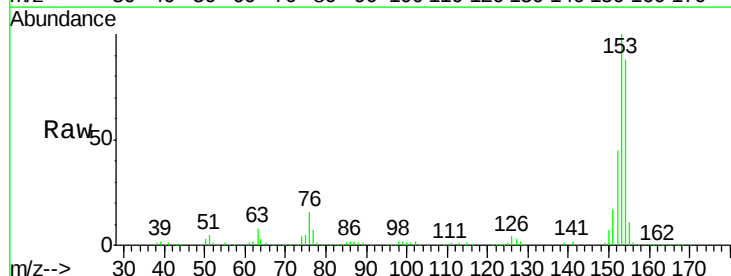


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

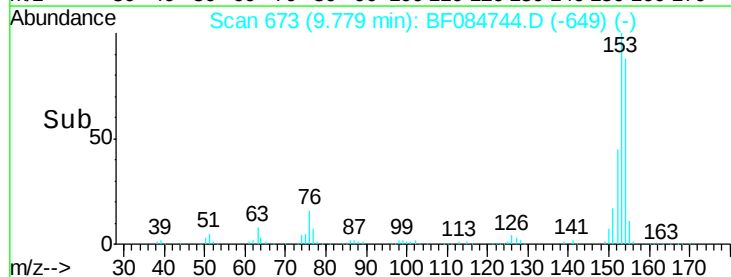
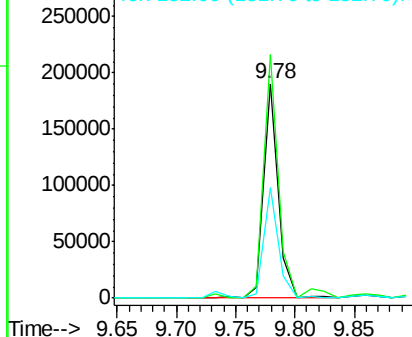


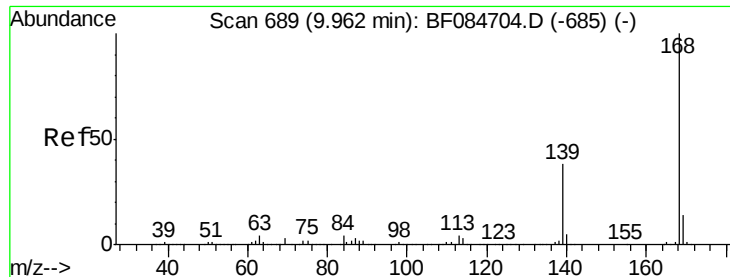
#51
Acenaphthene
Concen: 9.37 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.5	137.3
152	51.3	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

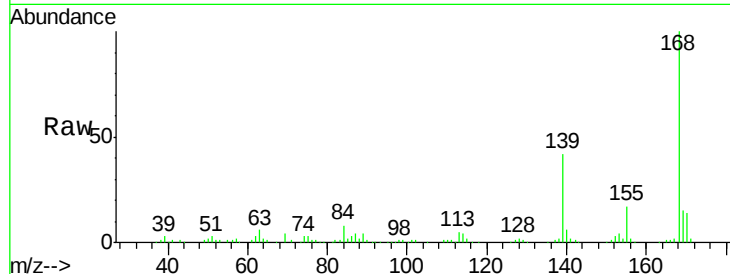




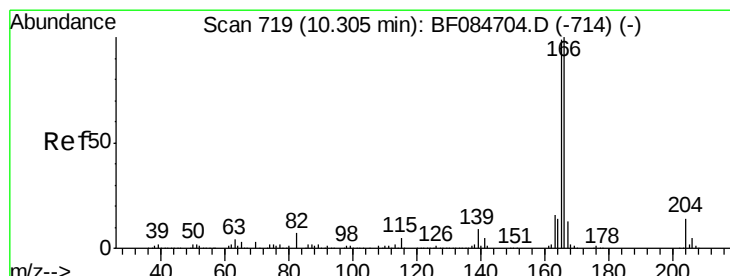
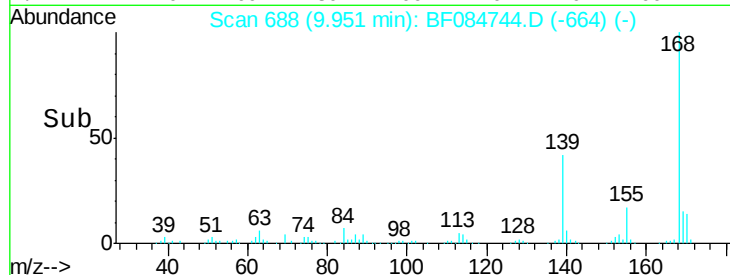
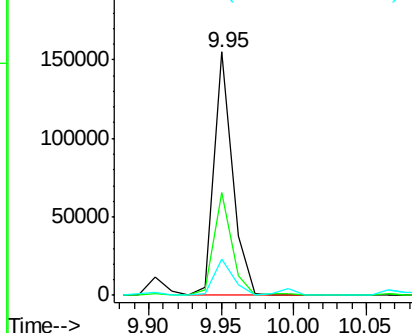
#54
Dibenzofuran
Concen: 6.35 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion:168 Resp: 137219
Ion Ratio Lower Upper
168 100
139 42.1 30.5 45.7
169 14.9 10.4 15.6

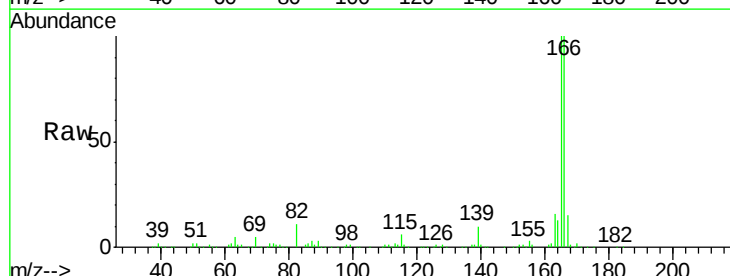


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

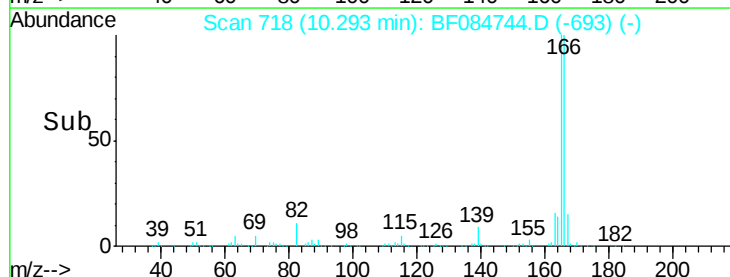
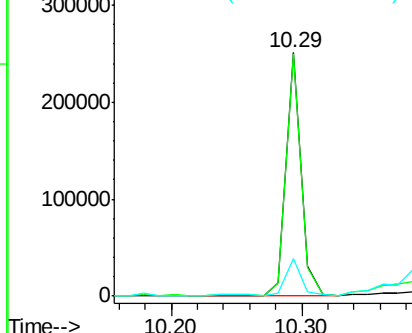


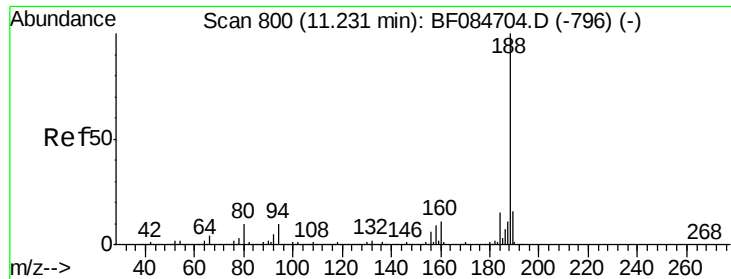
#57
Fluorene
Concen: 11.42 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:166 Resp: 205989
Ion Ratio Lower Upper
166 100
165 99.6 79.1 118.7
167 15.2 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: 11.23 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(16-18)DL

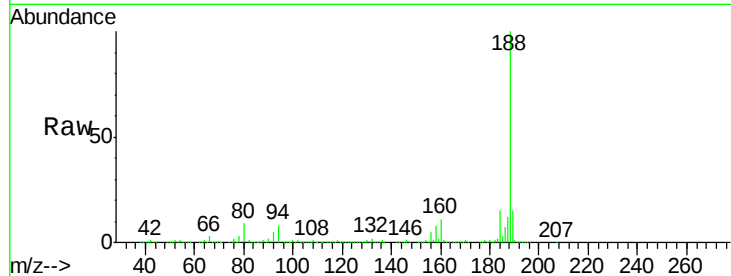
Tgt Ion:188 Resp: 476664

Ion Ratio Lower Upper

188 100

94 8.2 9.0 13.4#

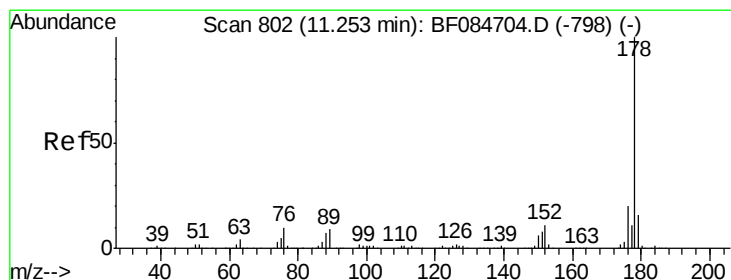
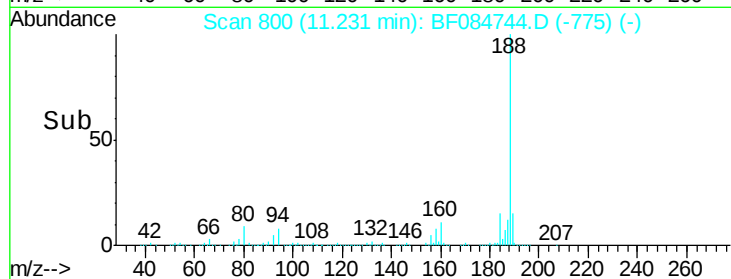
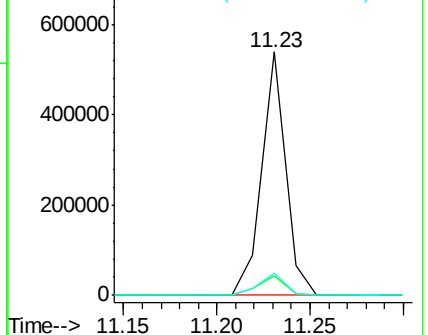
80 9.0 9.6 14.4#



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



#70

Phenanthrene

Concen: 52.07 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

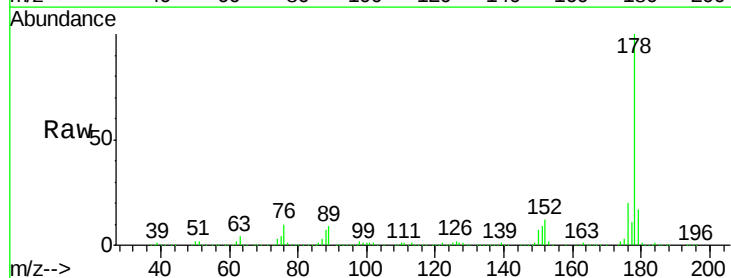
Tgt Ion:178 Resp: 1376678

Ion Ratio Lower Upper

178 100

176 20.1 15.3 22.9

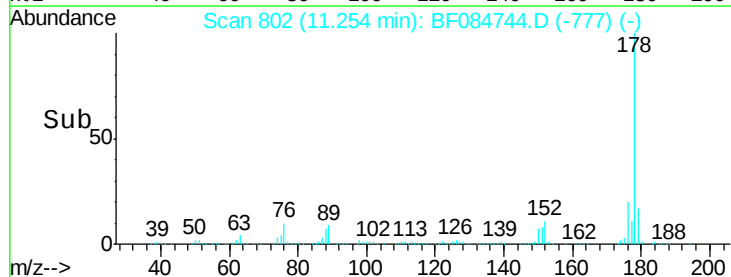
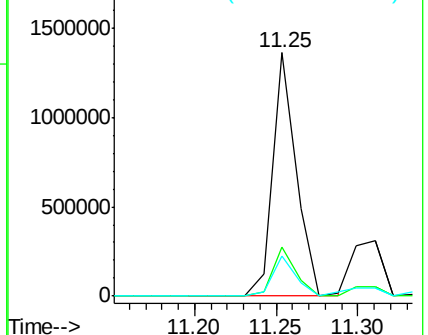
179 16.7 12.0 18.0

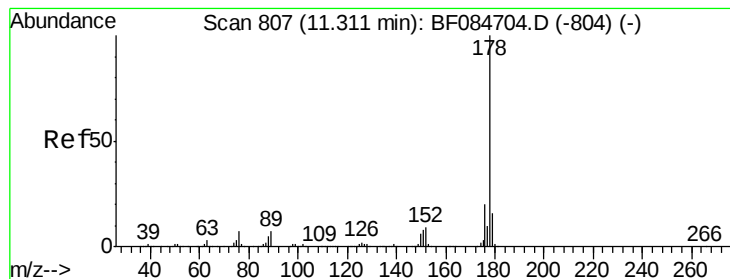


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 15.93 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(16-18)DL

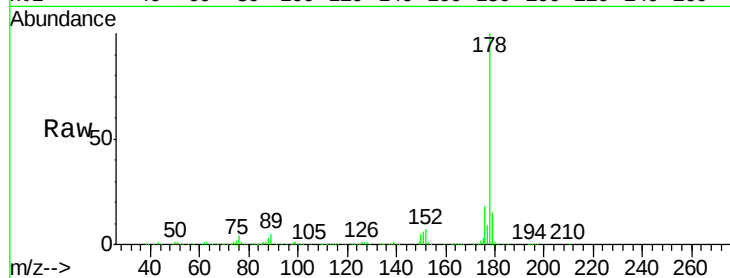
Tgt Ion:178 Resp: 424429

Ion Ratio Lower Upper

178 100

176 17.6 15.4 23.0

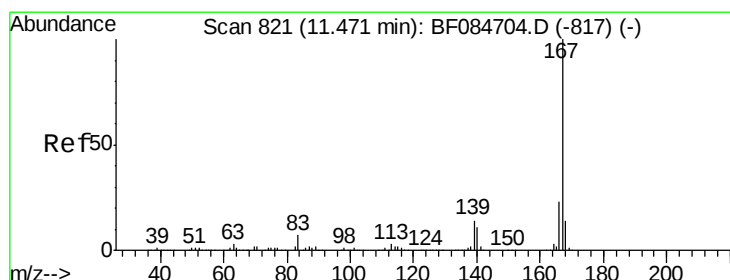
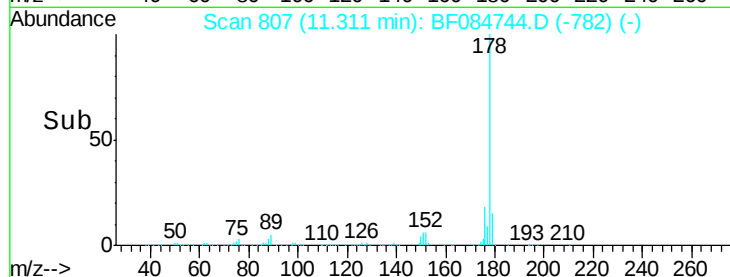
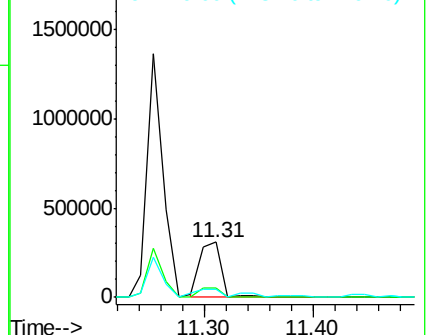
179 15.0 12.5 18.7



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: 5.97 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

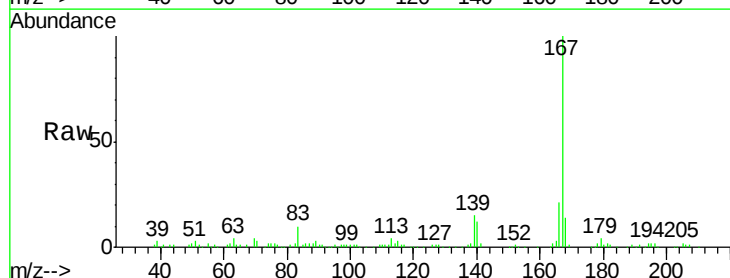
Tgt Ion:167 Resp: 138610

Ion Ratio Lower Upper

167 100

166 20.6 17.6 26.4

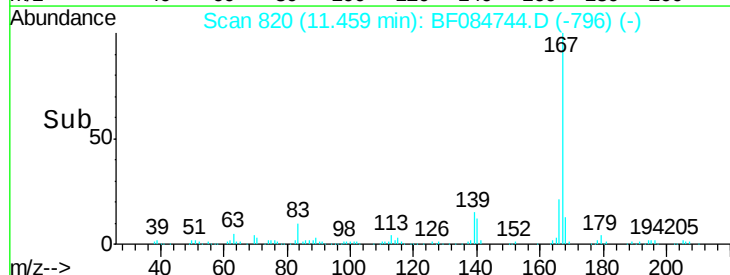
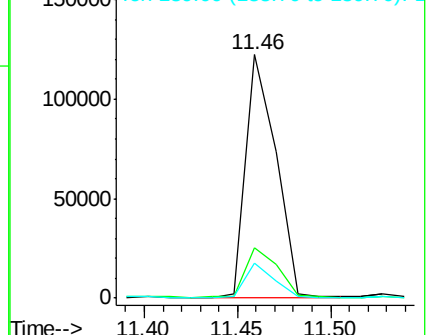
139 14.6 11.8 17.8

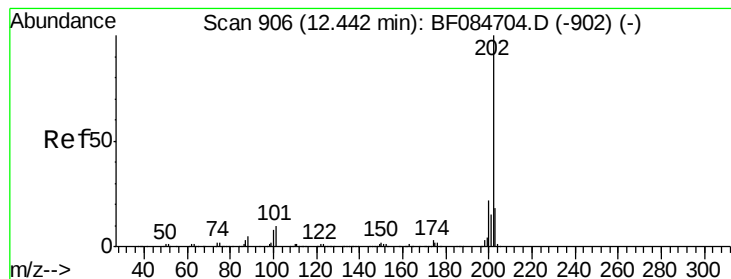


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 41.04 ng

RT: 12.44 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(16-18)DL

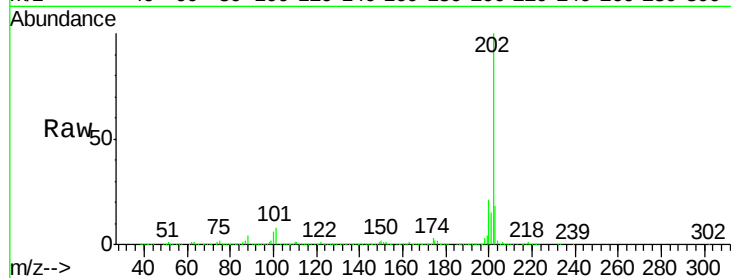
Tgt Ion:202 Resp: 1098289

Ion Ratio Lower Upper

202 100

101 8.3 0.0 32.8

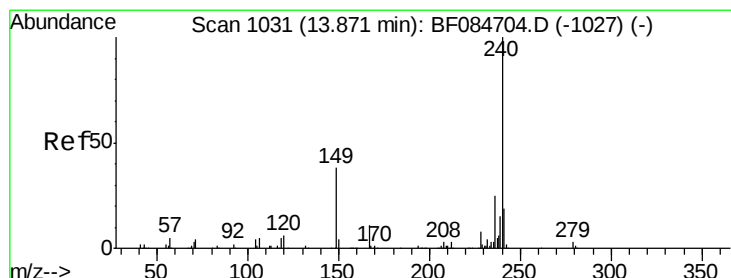
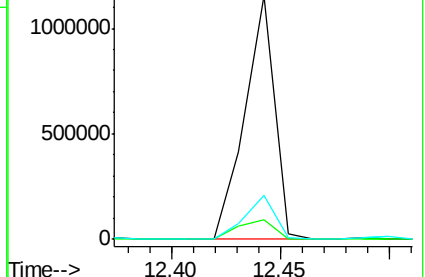
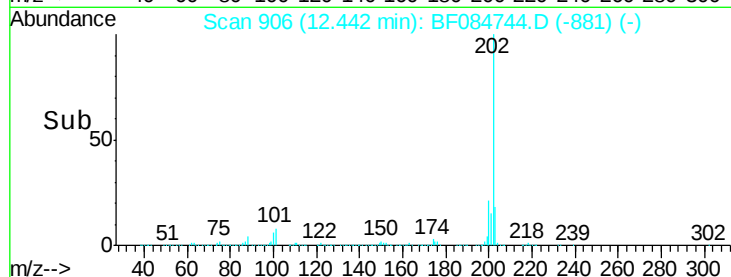
203 18.1 0.0 37.9



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: BF084744.D

Acq: 2 Feb 2016 7:28

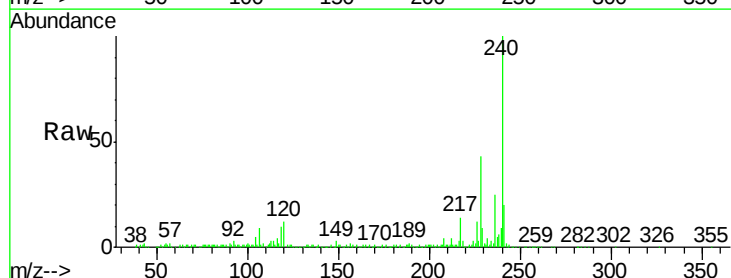
Tgt Ion:240 Resp: 319583

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

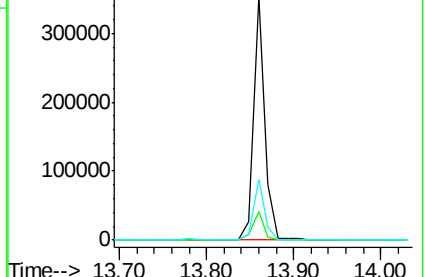
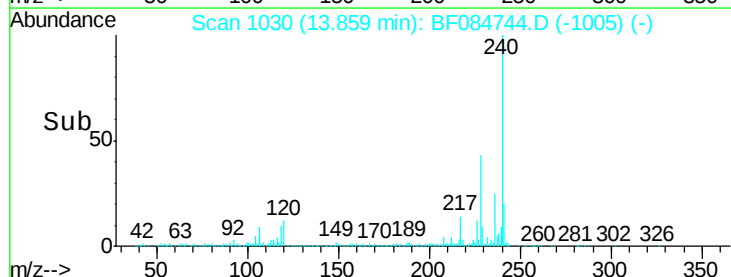
236 24.9 20.6 31.0

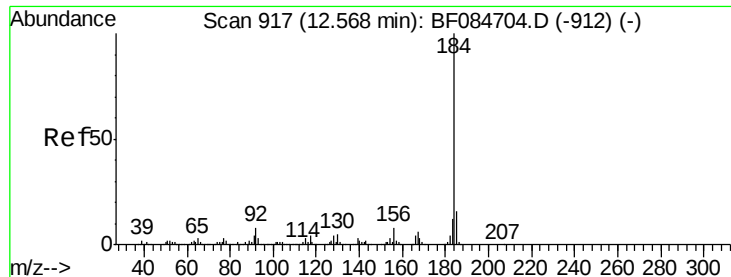


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 6.92 ng

RT: 12.58 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(16-18)DL

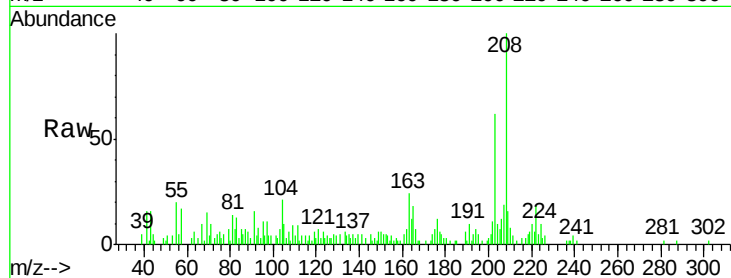
Tgt Ion:184 Resp: 440

Ion Ratio Lower Upper

184 100

185 97.9 12.2 18.2#

183 0.0 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

600

400

200

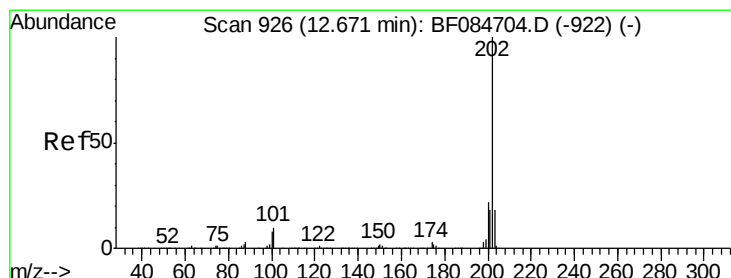
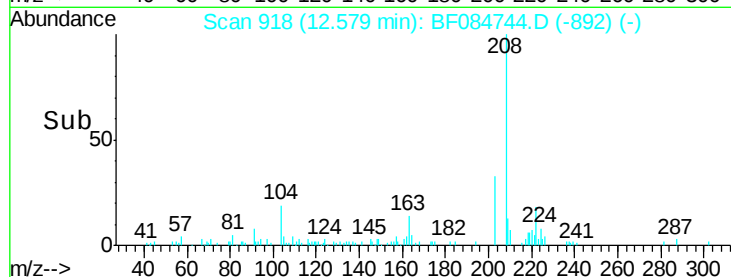
0

12.56

12.58

12.60

Time-->



#77

Pyrene

Concen: 36.23 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

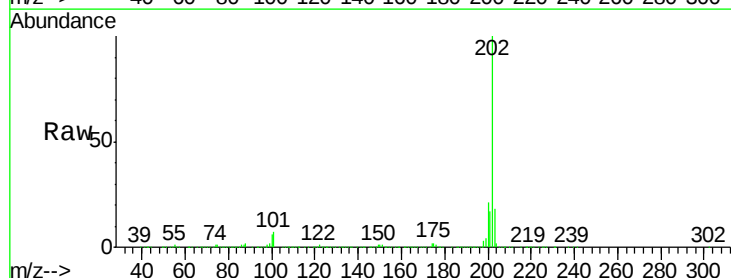
Tgt Ion:202 Resp: 886588

Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 18.1 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

800000

600000

400000

200000

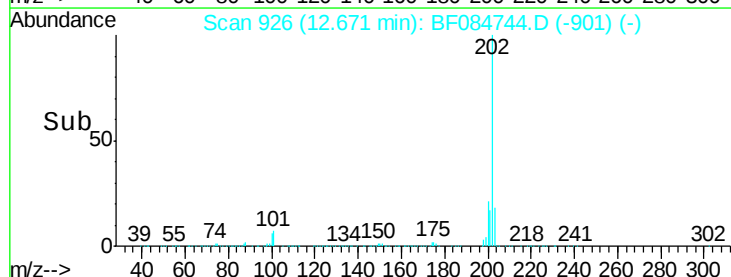
0

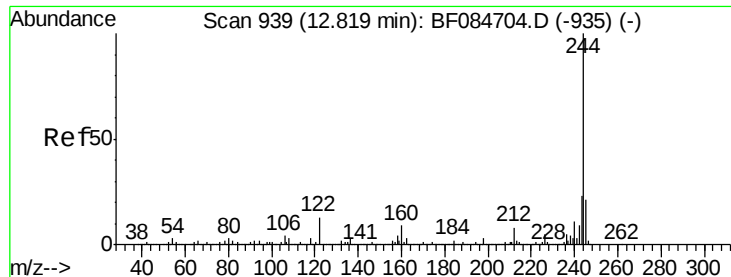
12.60

12.67

12.70

Time-->





#78

Terphenyl-d14

Concen: 7.49 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(16-18)DL

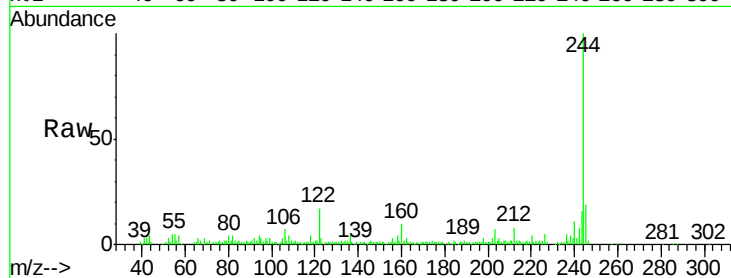
Tgt Ion:244 Resp: 105649

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

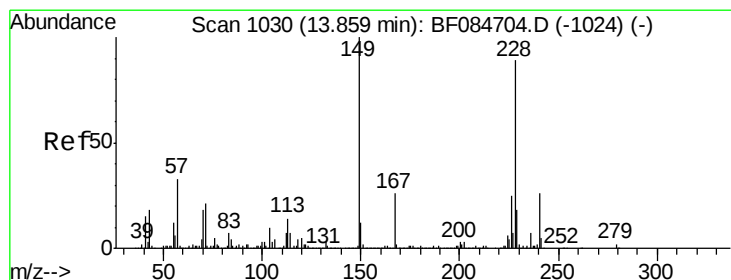
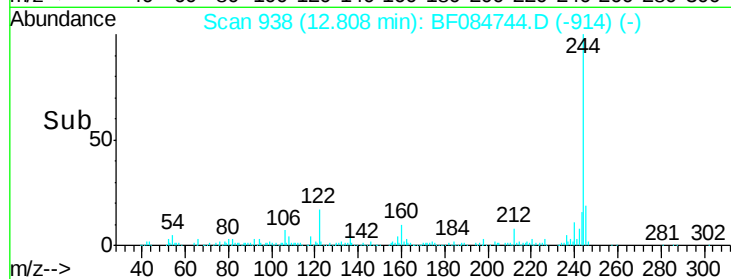
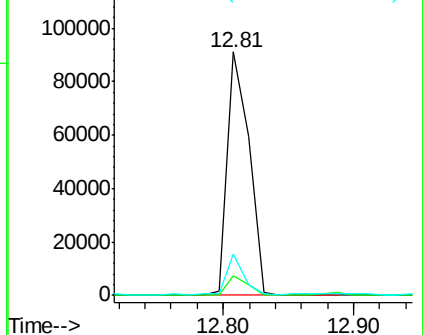
122 16.9 7.4 11.0#



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: 22.15 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

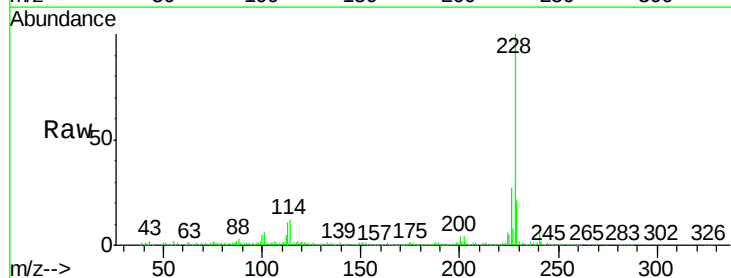
Tgt Ion:228 Resp: 439299

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.6

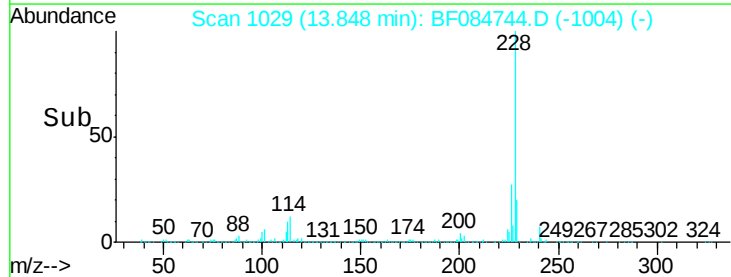
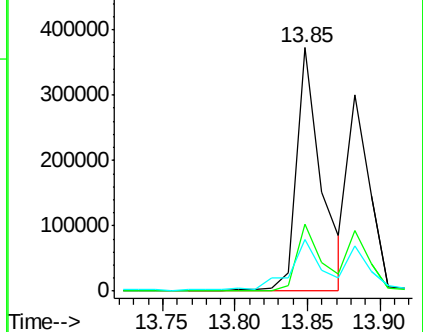
229 21.1 15.8 23.8

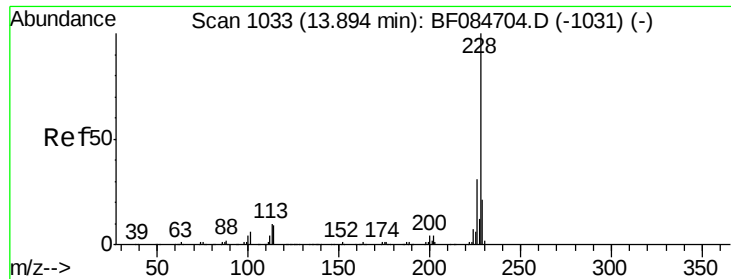


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 16.14 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(16-18)DL

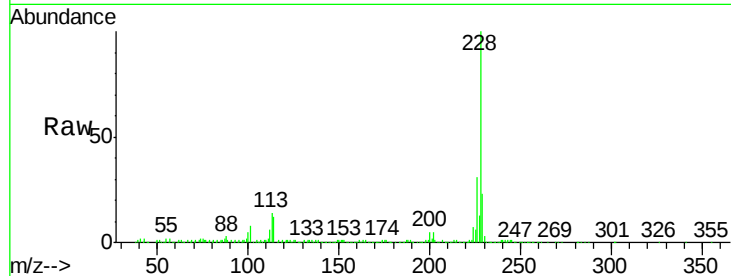
Tgt Ion:228 Resp: 310538

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

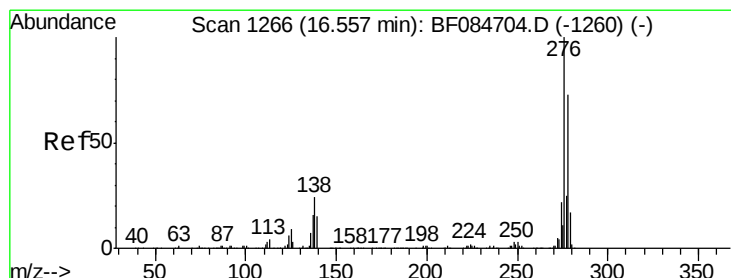
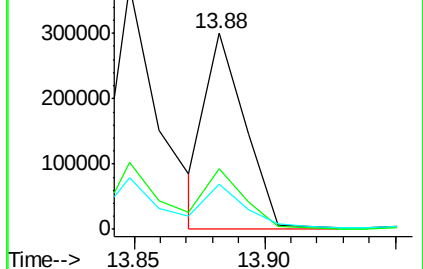
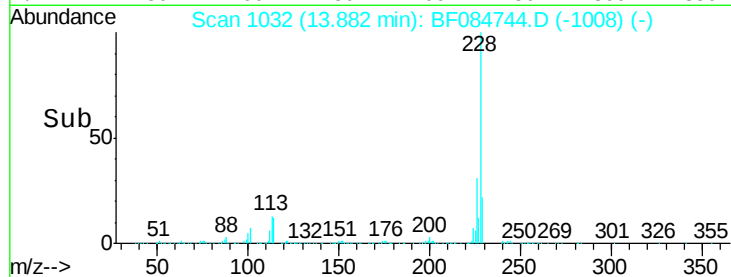
229 23.0 16.1 24.1



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: 12.55 ng

RT: 16.55 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

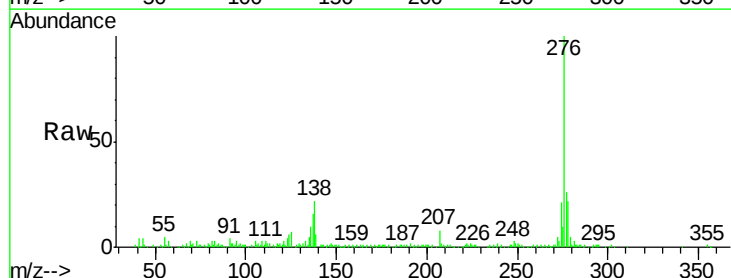
Tgt Ion:276 Resp: 190049

Ion Ratio Lower Upper

276 100

138 24.1 20.6 30.8

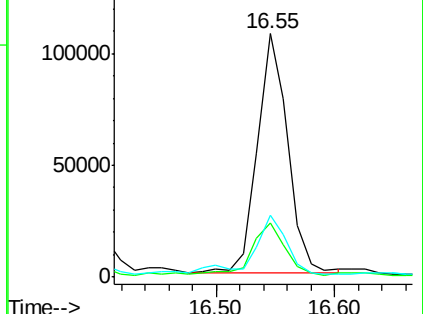
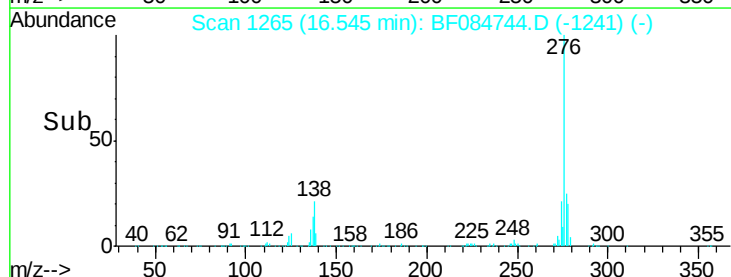
277 29.5 20.1 30.1

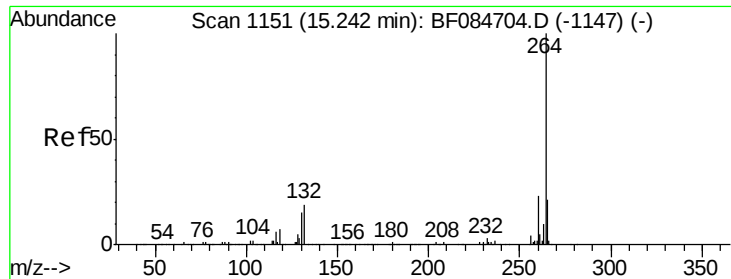


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

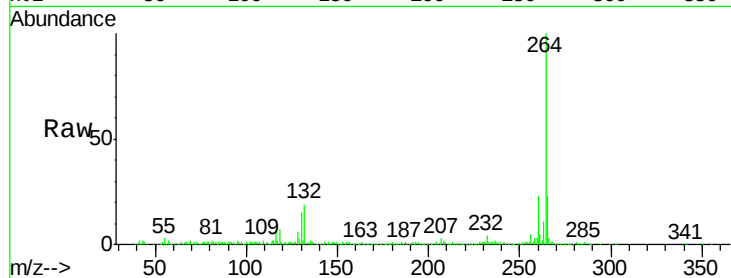




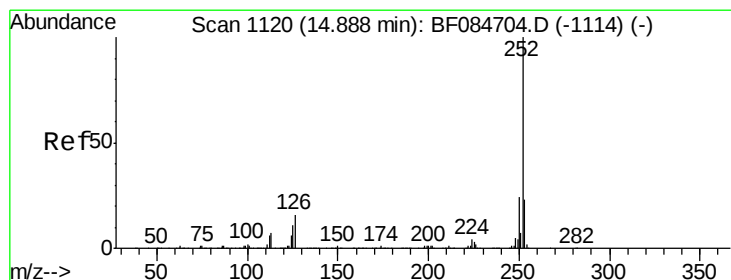
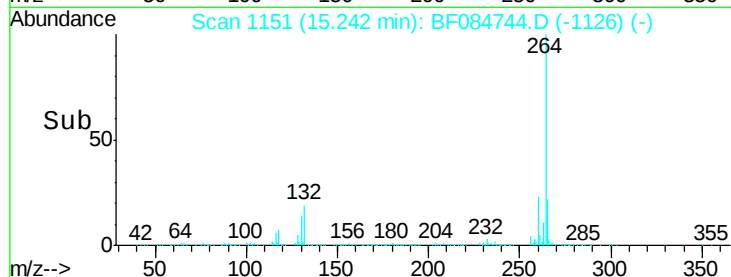
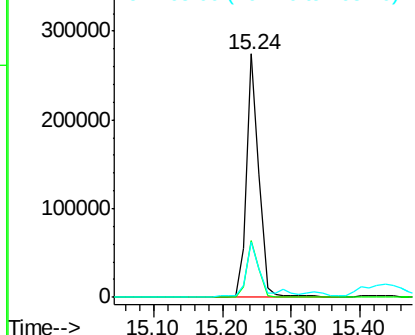
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion:264 Resp: 341049
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.2
265 22.6 17.8 26.6

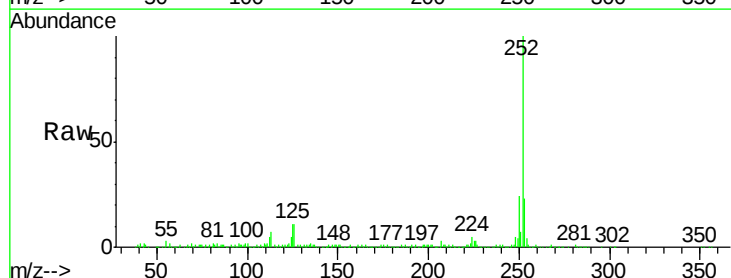


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

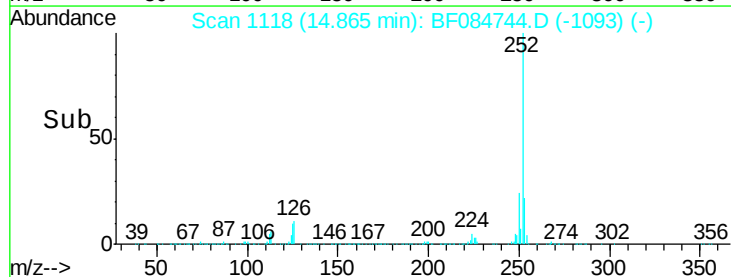
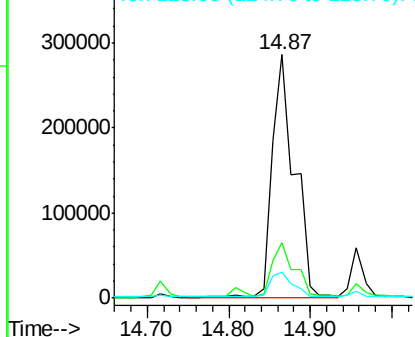


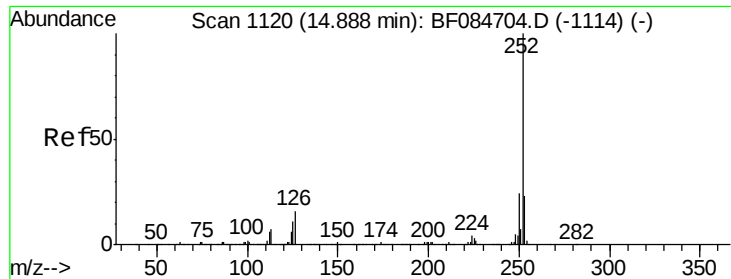
#87
Benzo(b)fluoranthene
Concen: 23.71 ng
RT: 14.87 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:252 Resp: 543232
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 10.9 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

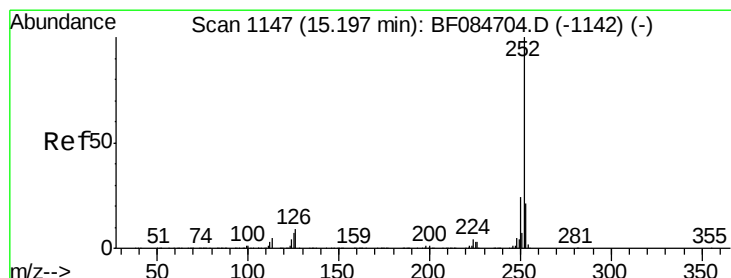
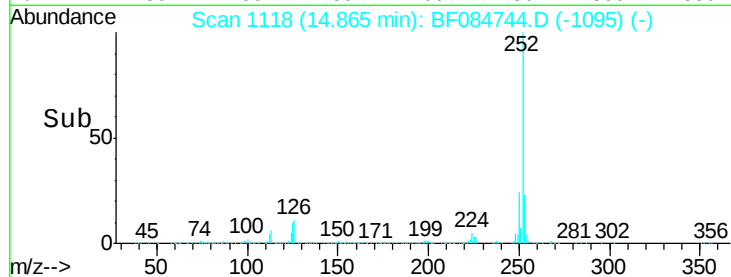
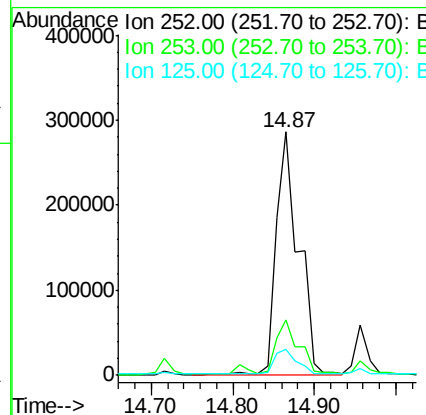
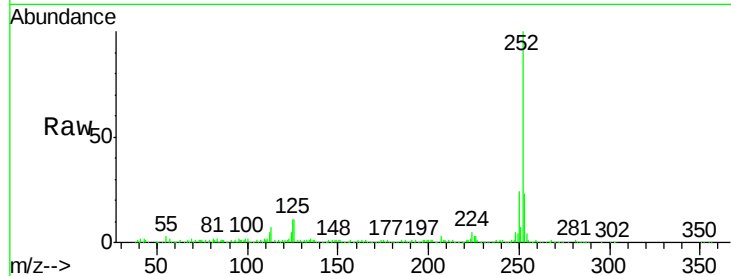




#88
Benzo(k)fluoranthene
Concen: 28.67 ng
RT: 14.87 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

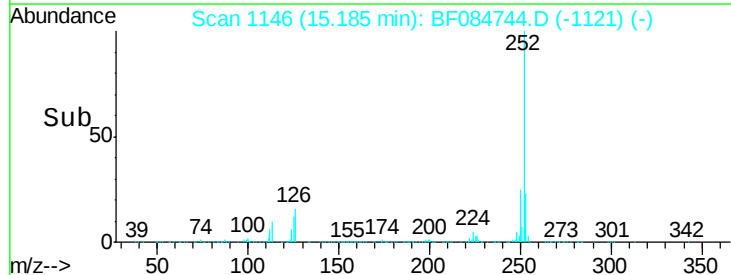
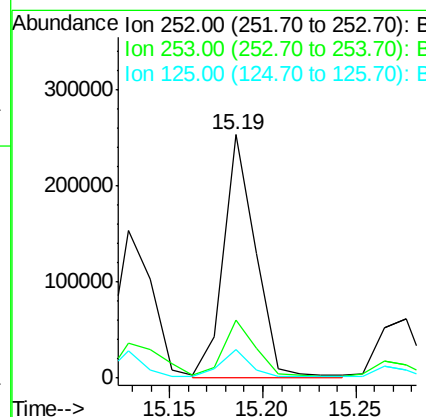
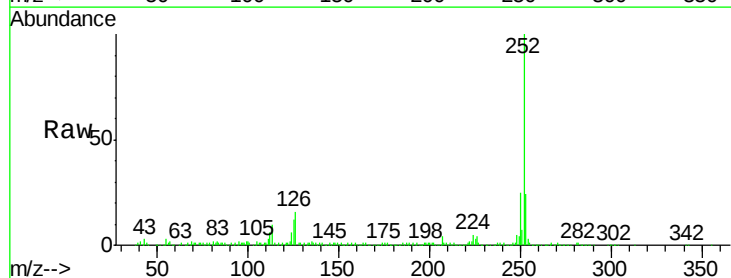
Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

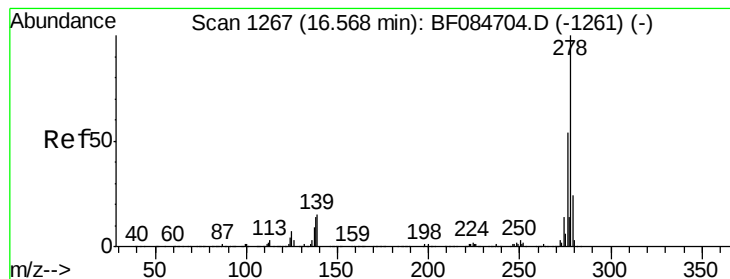
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	10.9	9.0	13.6



#89
Benzo(a)pyrene
Concen: 15.44 ng
RT: 15.19 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.3	25.9
125	11.9	7.0	10.4





#90

Dibenzo(a,h)anthracene

Concen: 3.35 ng

RT: 16.56 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

Instrument :

BNA_F

ClientSampleId :

SUP-B013(16-18)DL

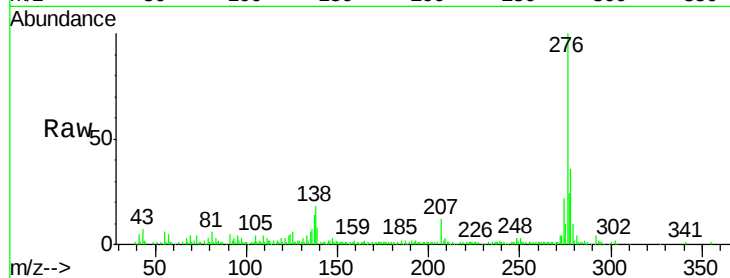
Tgt Ion:278 Resp: 55139

Ion Ratio Lower Upper

278 100

139 20.7 15.0 22.4

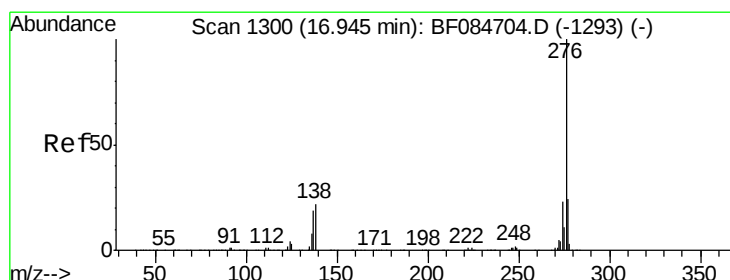
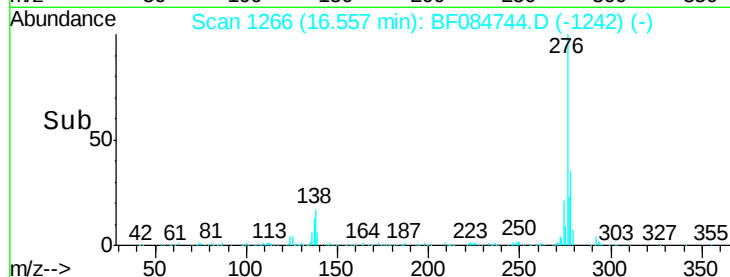
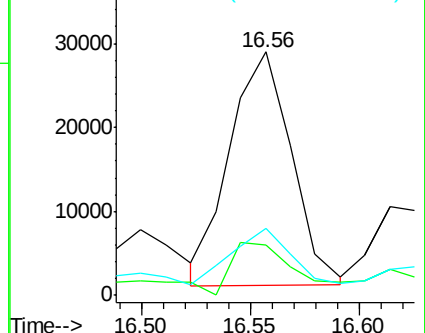
279 27.7 18.9 28.3



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: 11.41 ng

RT: 16.95 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF084744.D

Acq: 2 Feb 2016 7:28

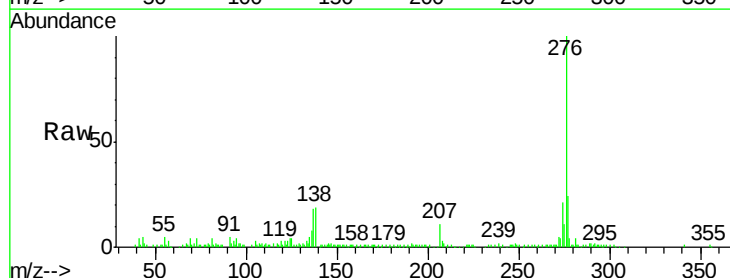
Tgt Ion:276 Resp: 188987

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 19.0 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

