

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084981.D
 Acq On : 10 Feb 2016 4:46
 Operator : SJ/IZ
 Sample : H1360-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW007

Quant Time: Feb 10 06:24:08 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

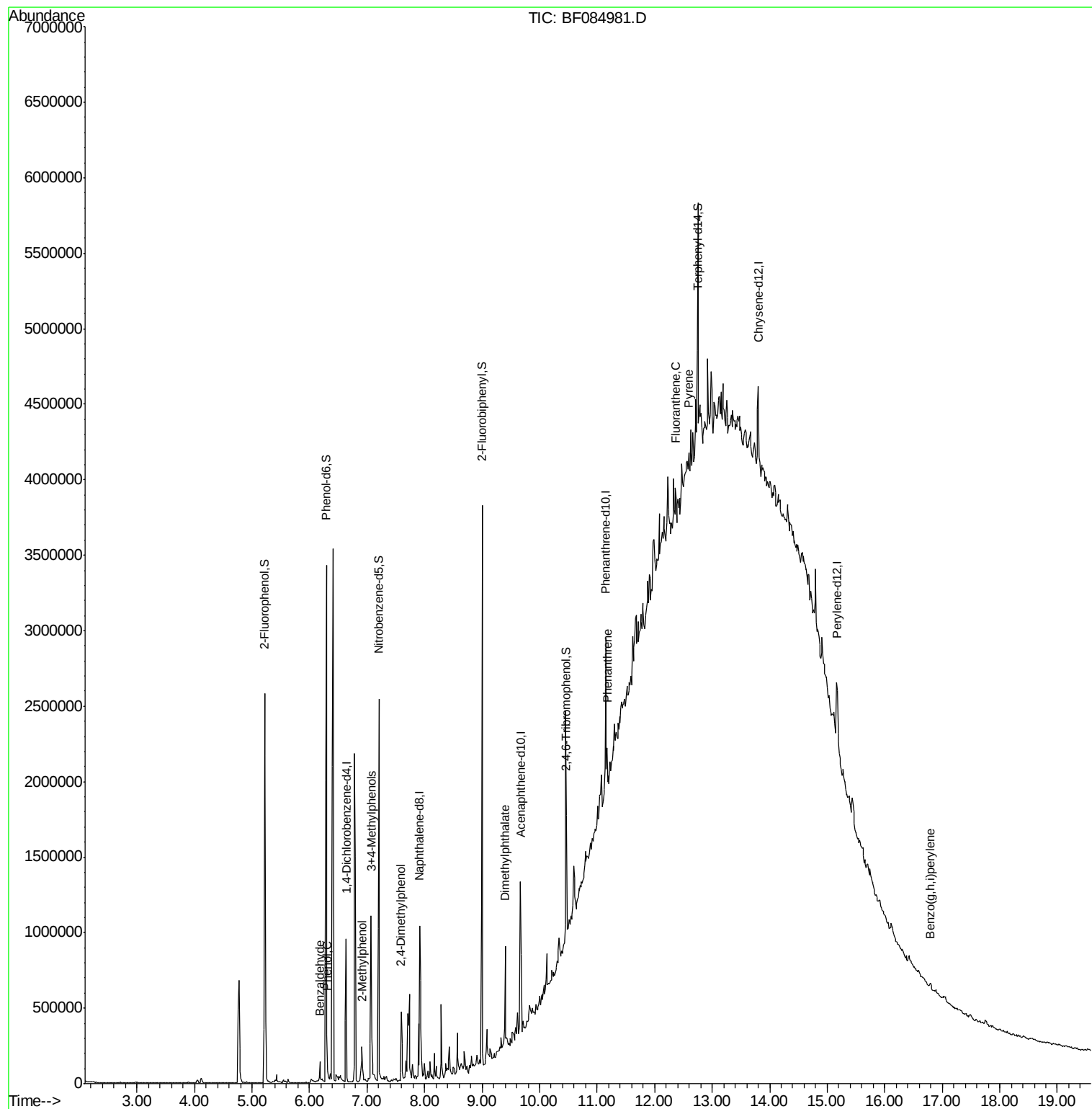
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	156726	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	568471	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	222355	20.00	ng	-0.07
63) Phenanthrene-d10	11.15	188	358209	20.00	ng	-0.06
75) Chrysene-d12	13.80	240	255495	20.00	ng	-0.03
86) Perylene-d12	15.16	264	211020	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1051966	104.55	ng	-0.06
7) Phenol-d6	6.29	99	1345459	107.86	ng	-0.05
23) Nitrobenzene-d5	7.21	82	843453	83.58	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	236675	102.04	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1113473	83.98	ng	-0.06
78) Terphenyl-d14	12.75	244	643296	57.06	ng	-0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.18	77	38268	5.20	ng	95
10) Phenol	6.30	94	75010	5.37	ng	89
17) 2-Methylphenol	6.91	107	40606	4.51	ng	98
20) 3+4-Methylphenols	7.07	107	319479	28.58	ng	90
27) 2,4-Dimethylphenol	7.60	122	109524	11.81	ng	92
49) Dimethylphthalate	9.40	163	252032	14.88	ng	# 91
70) Phenanthrene	11.17	178	86194	4.34	ng	# 88
74) Fluoranthene	12.36	202	75928	3.78	ng	72
77) Pyrene	12.59	202	86056	4.40	ng	# 73
91) Benzo(a,h,i)perylene	16.80	276	23818	2.33	ng	# 83

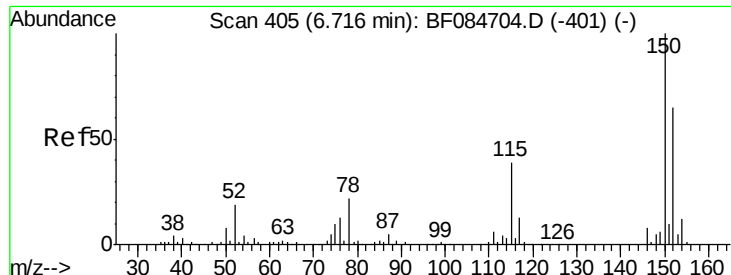
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084981.D
Acq On : 10 Feb 2016 4:46
Operator : SJ/IZ
Sample : H1360-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW007

Quant Time: Feb 10 06:24:08 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084981.D

Acq: 10 Feb 2016 4:46

Instrument :

BNA_F

ClientSampleId :

SW007

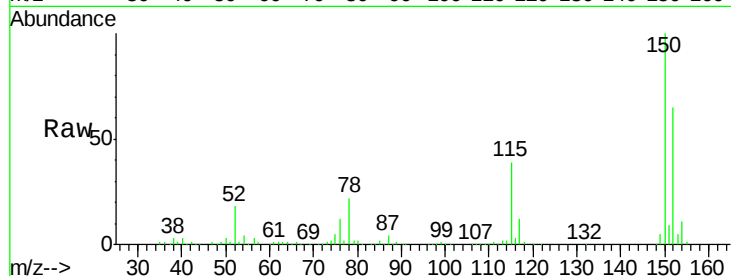
Tot Ion:152 Resp: 156726

Ion Ratio Lower Upper

152 100

150 153.1 123.0 184.4

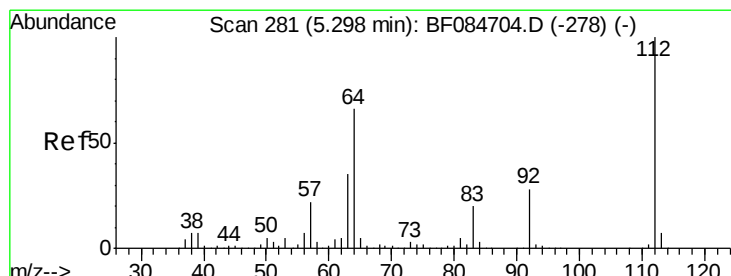
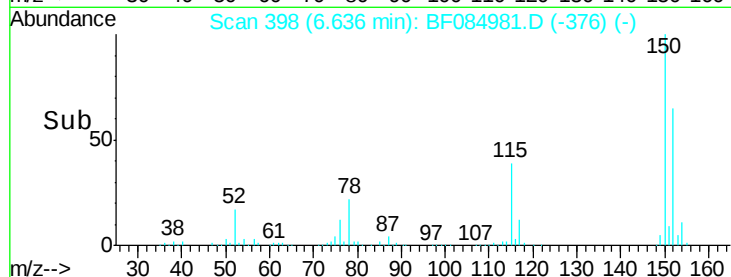
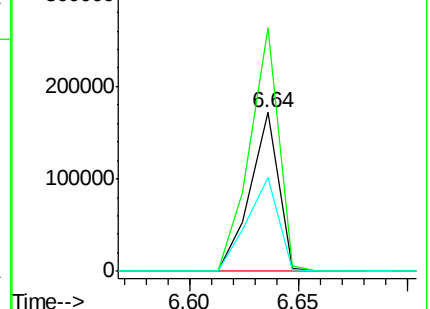
115 59.4 51.4 77.2



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: 104.55 ng

RT: 5.22 min Scan# 274

Delta R.T. -0.06 min

Lab File: BF084981.D

Acq: 10 Feb 2016 4:46

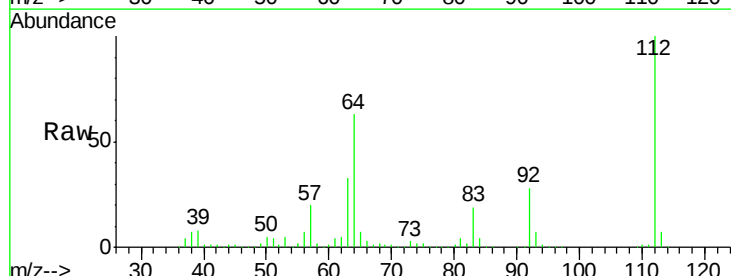
Tgt Ion:112 Resp: 1051966

Ion Ratio Lower Upper

112 100

64 62.8 36.6 55.0#

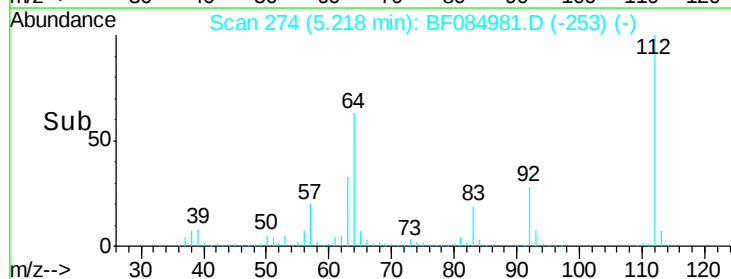
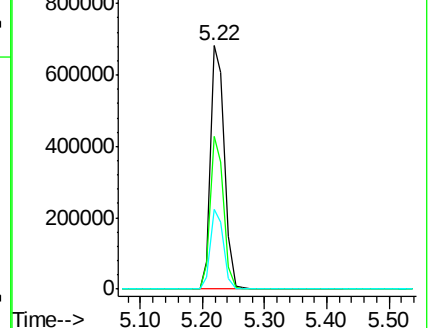
63 32.9 19.4 29.0#

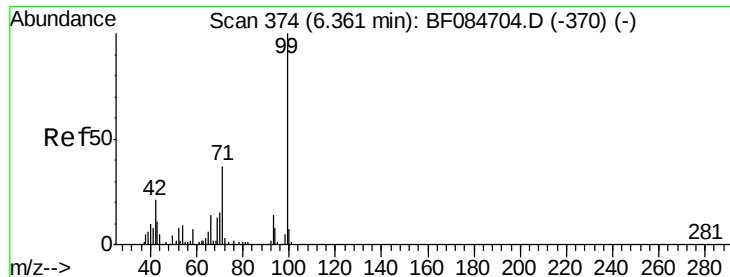


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.86 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084981.D

Acq: 10 Feb 2016 4:46

Instrument :

BNA_F

ClientSampleId :

SW007

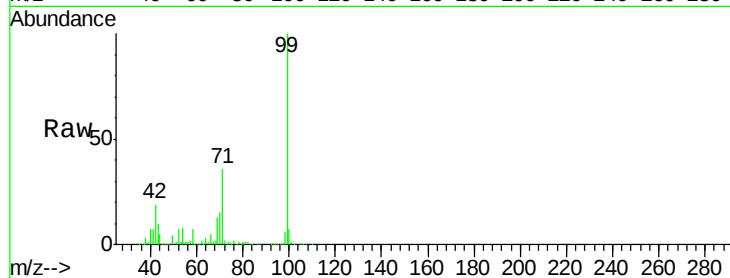
Tot Ion: 99 Resp: 1345459

Ion Ratio Lower Upper

99 100

42 19.1 12.8 19.2

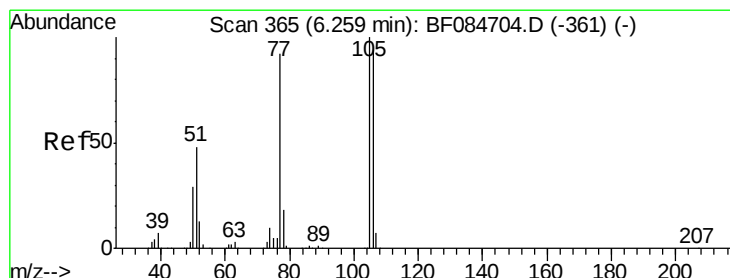
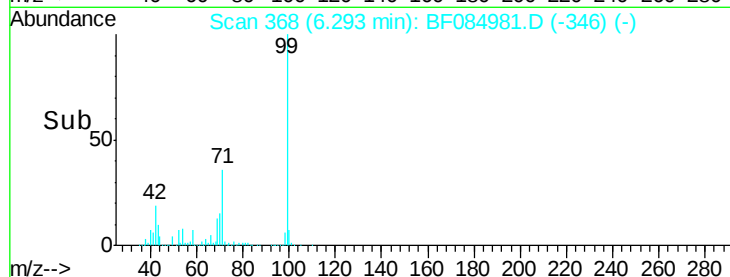
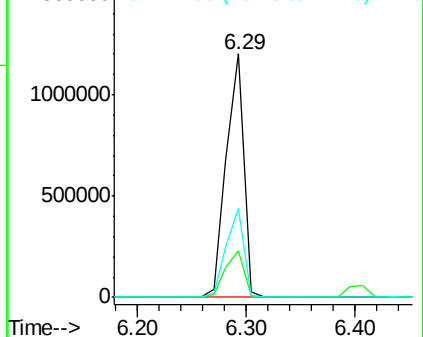
71 36.2 30.9 46.3



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



#9

Benzaldehyde

Concen: 5.20 ng

RT: 6.18 min Scan# 358

Delta R.T. -0.06 min

Lab File: BF084981.D

Acq: 10 Feb 2016 4:46

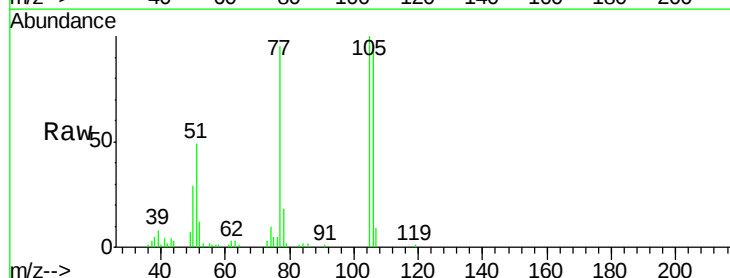
Tgt Ion: 77 Resp: 38268

Ion Ratio Lower Upper

77 100

105 105.8 83.0 123.0

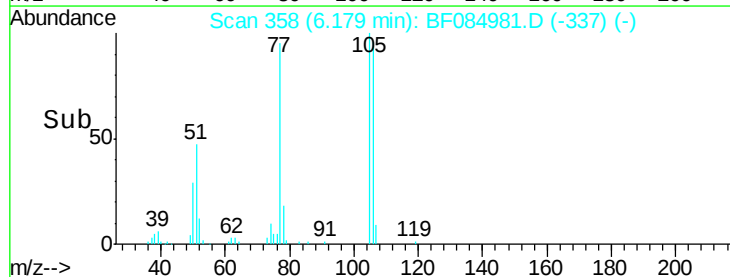
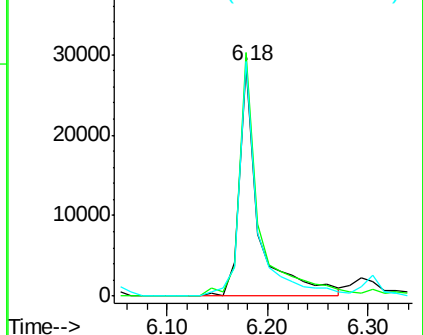
106 101.7 74.6 114.6

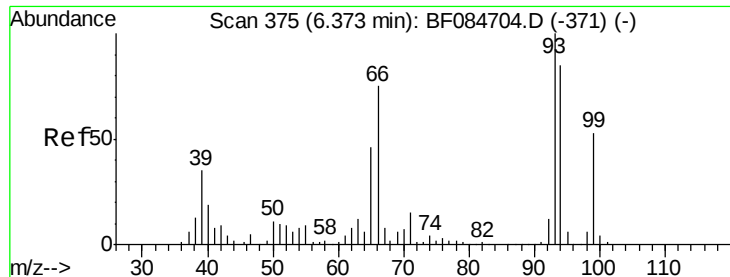


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 5.37 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF084981.D

Acq: 10 Feb 2016 4:46

Instrument :

BNA_F

ClientSampleId :

SW007

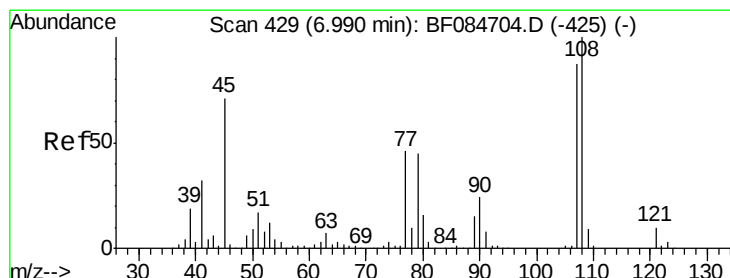
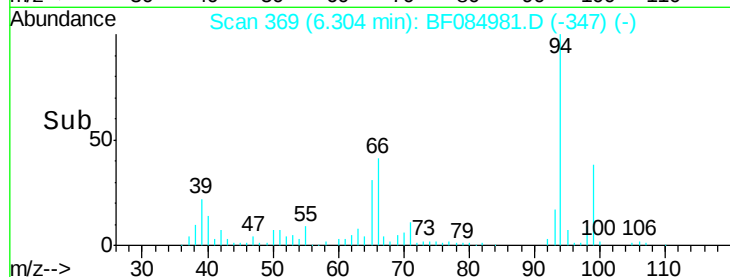
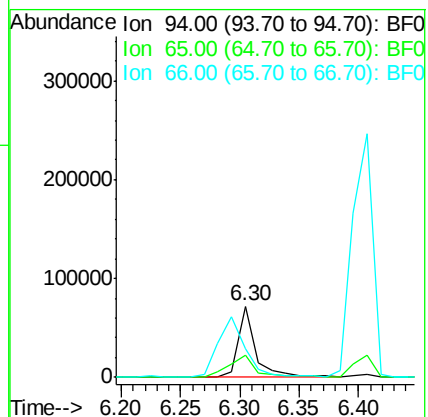
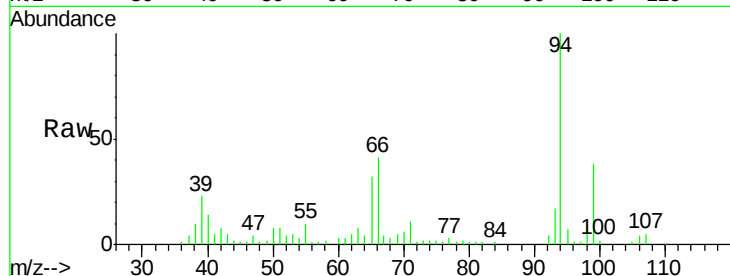
Tot Ion: 94 Resp: 75010

Ion Ratio Lower Upper

94 100

65 31.6 12.9 52.9

66 41.1 32.7 72.7



#17

2-Methylphenol

Concen: 4.51 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.06 min

Lab File: BF084981.D

Acq: 10 Feb 2016 4:46

Tgt Ion: 107 Resp: 40606

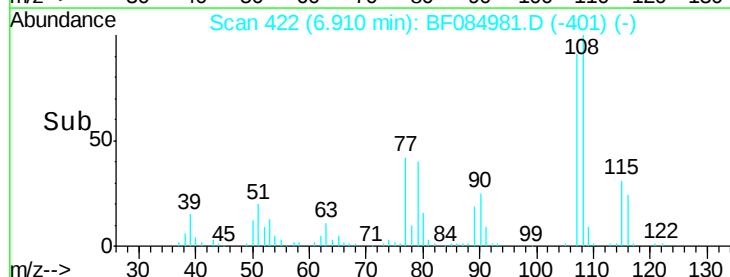
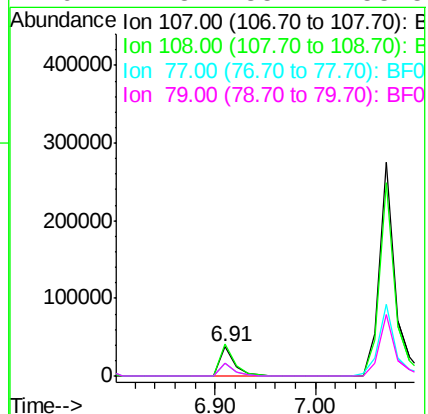
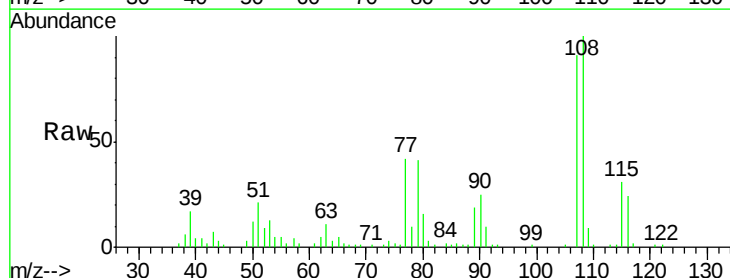
Ion Ratio Lower Upper

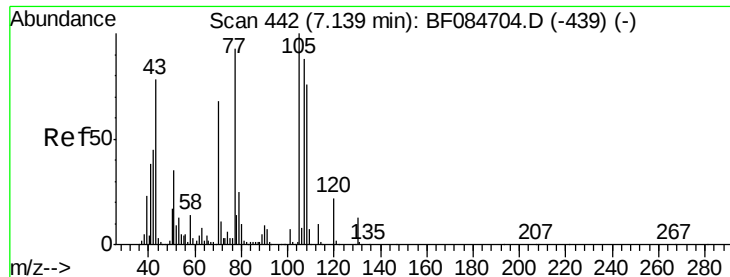
107 100

108 109.5 89.8 134.6

77 45.6 35.7 53.5

79 44.8 35.7 53.5





#20

3+4-Methylphenols

Concen: 28.58 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.06 min

Lab File: BF084981.D

Acq: 10 Feb 2016 4:46

Instrument :

BNA_F

ClientSampleId :

SW007

Tot Ion:107 Resp: 319479

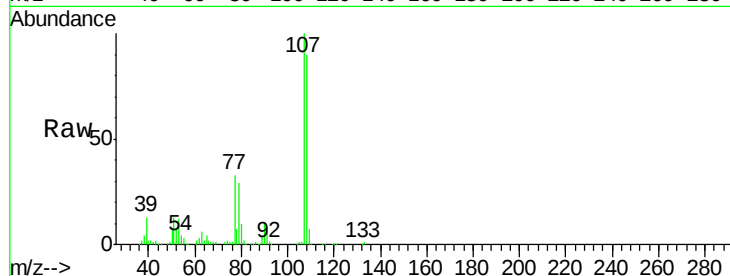
Ion Ratio Lower Upper

107 100

108 90.5 74.6 114.6

77 33.4 0.7 40.7

79 28.8 0.0 39.0

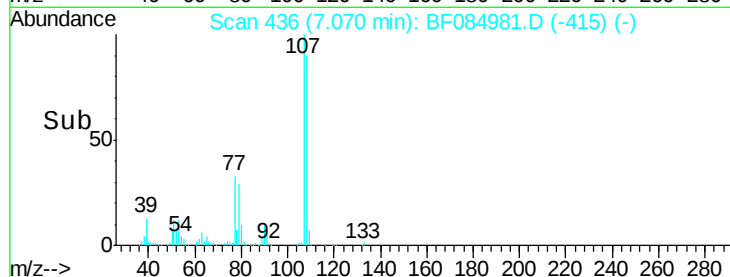


Abundance Ion 107.00 (106.70 to 107.70): E

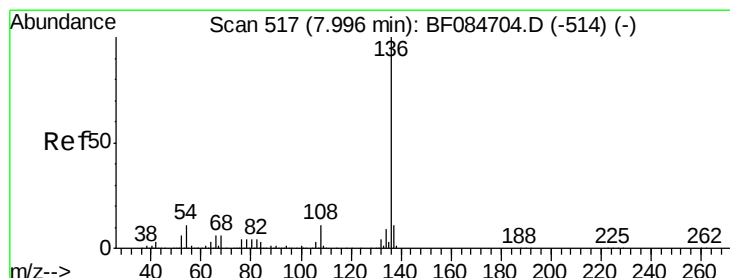
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.06 min

Lab File: BF084981.D

Acq: 10 Feb 2016 4:46

Tgt Ion:136 Resp: 568471

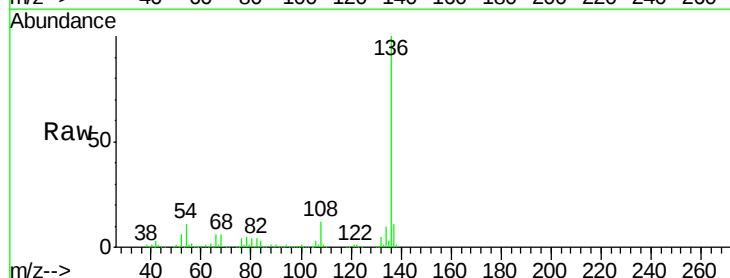
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.8 5.8 8.8#

68 6.1 4.2 6.2

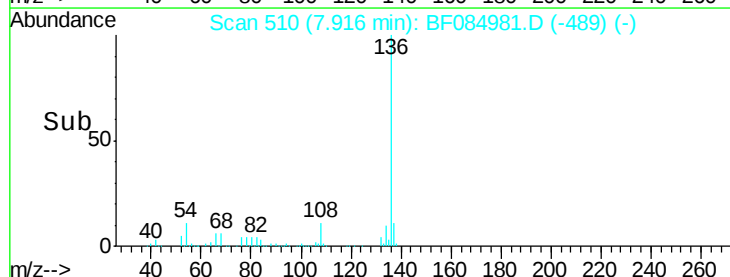


Abundance Ion 136.00 (135.70 to 136.70): E

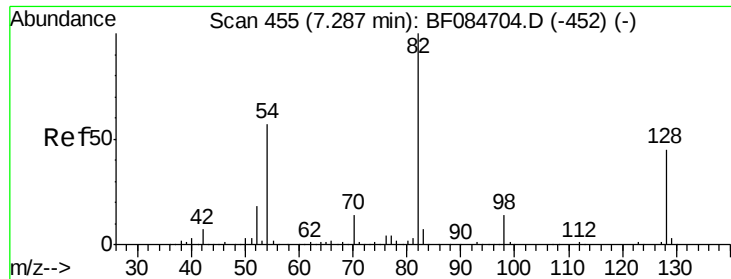
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



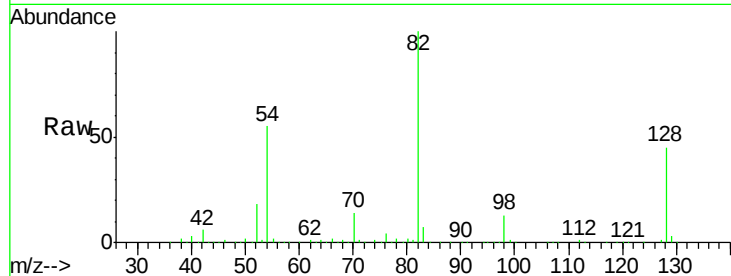
Time-->



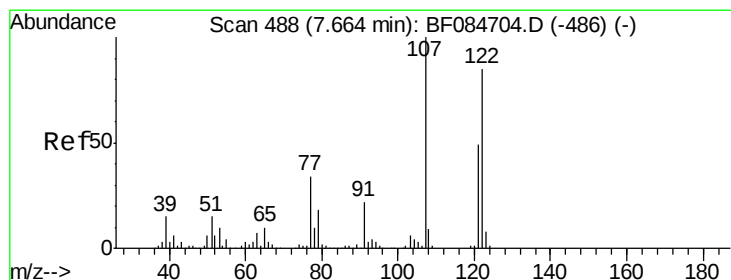
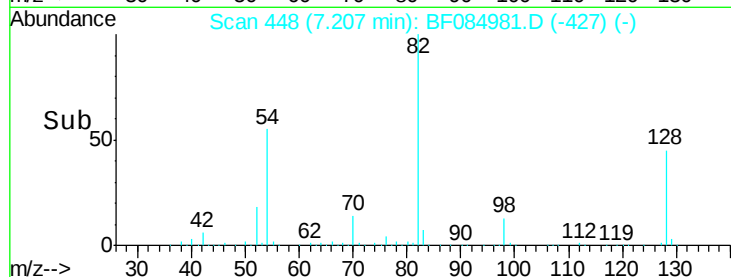
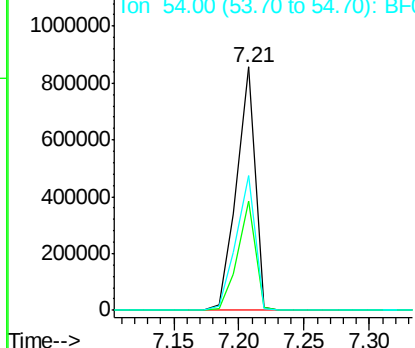
#23
 Nitrobenzene-d5
 Concen: 83.58 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084981.D
 Acq: 10 Feb 2016 4:46

Instrument :
 BNA_F
 ClientSampleId :
 SW007

Tot Ion: 82 Resp: 843453
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.6 51.8
 54 55.5 38.4 57.6

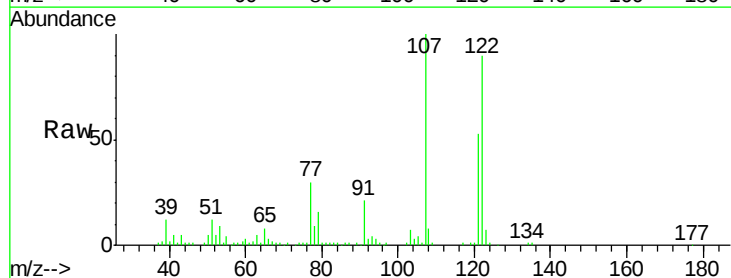


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

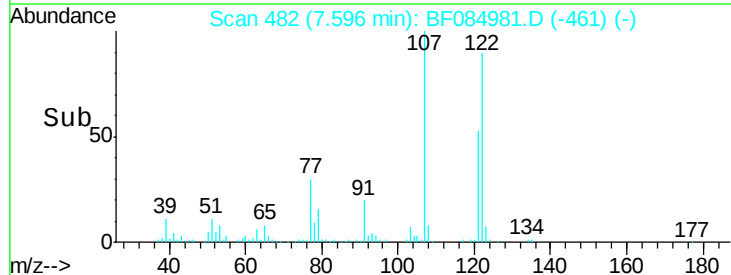
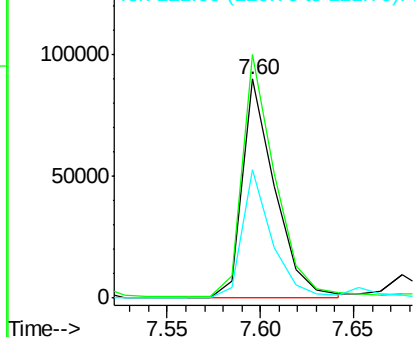


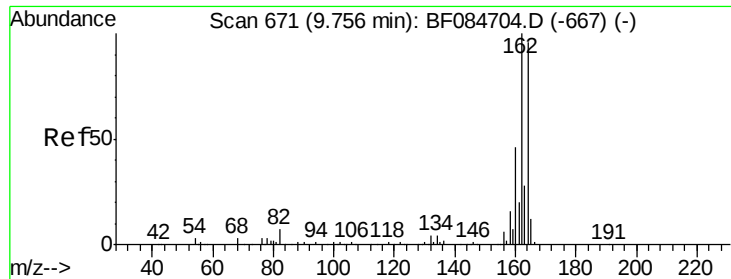
#27
 2,4-Dimethylphenol
 Concen: 11.81 ng
 RT: 7.60 min Scan# 482
 Delta R.T. -0.06 min
 Lab File: BF084981.D
 Acq: 10 Feb 2016 4:46

Tgt Ion: 122 Resp: 109524
 Ion Ratio Lower Upper
 122 100
 107 111.1 99.1 148.7
 121 58.3 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): B
 Ion 107.00 (106.70 to 107.70): B
 Ion 121.00 (120.70 to 121.70): B





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF084981.D

Acq: 10 Feb 2016 4:46

Instrument :

BNA_F

ClientSampleId :

SW007

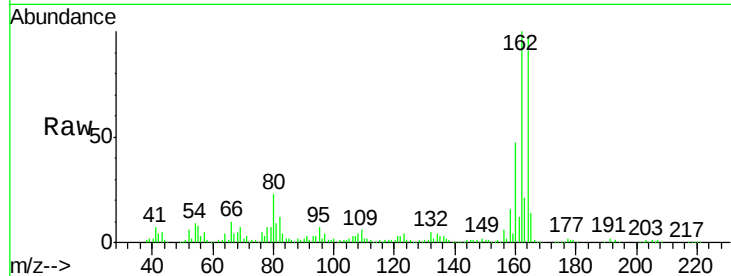
Tot Ion:164 Resp: 222355

Ion Ratio Lower Upper

164 100

162 103.0 85.1 127.7

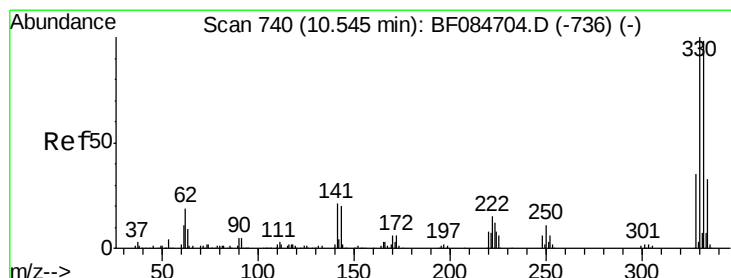
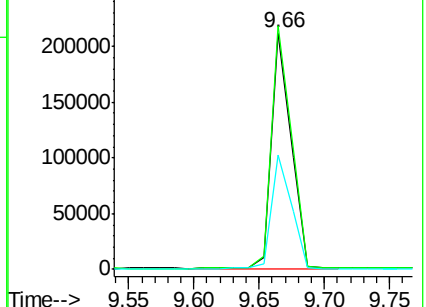
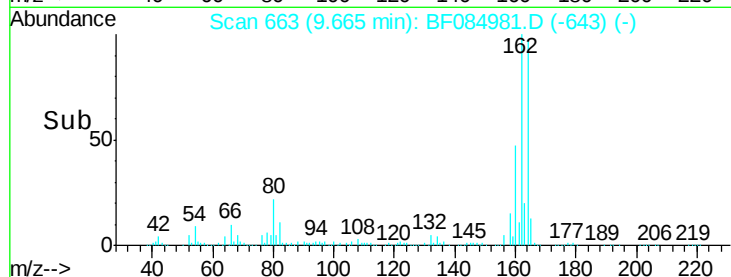
160 48.3 37.5 56.3



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: 102.04 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.06 min

Lab File: BF084981.D

Acq: 10 Feb 2016 4:46

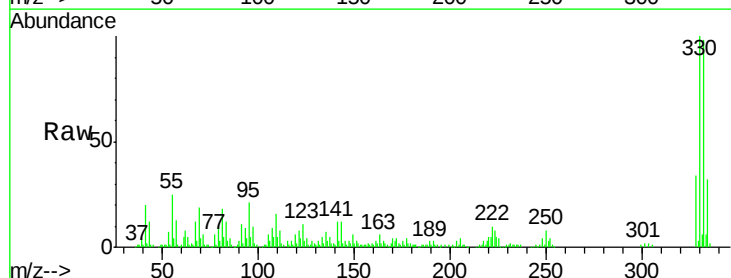
Tgt Ion:330 Resp: 236675

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

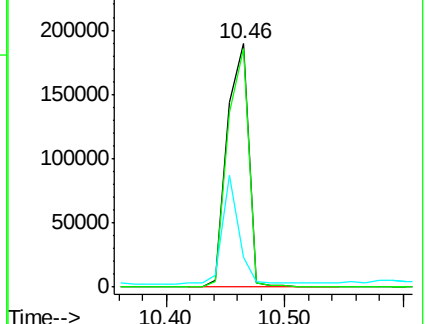
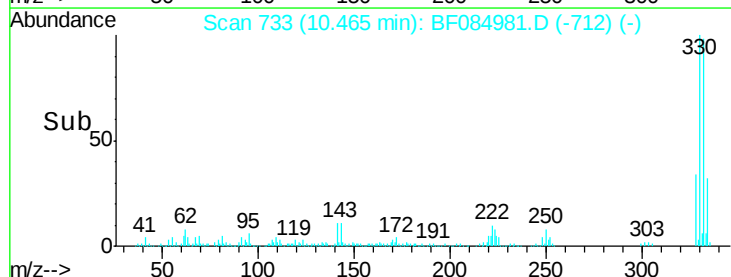
141 34.0 27.8 41.6

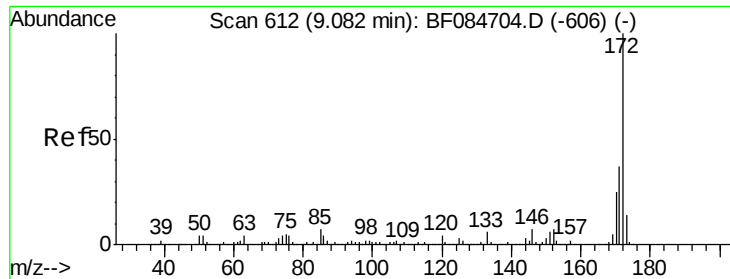


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 83.98 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.06 min

Lab File: BF084981.D

Acq: 10 Feb 2016 4:46

Instrument :

BNA_F

ClientSampleId :

SW007

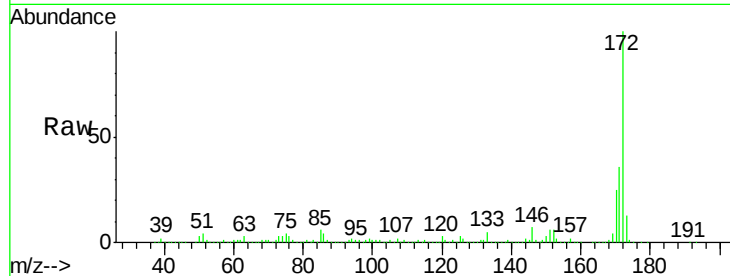
Tot Ion:172 Resp: 1113473

Ion Ratio Lower Upper

172 100

171 36.4 28.9 43.3

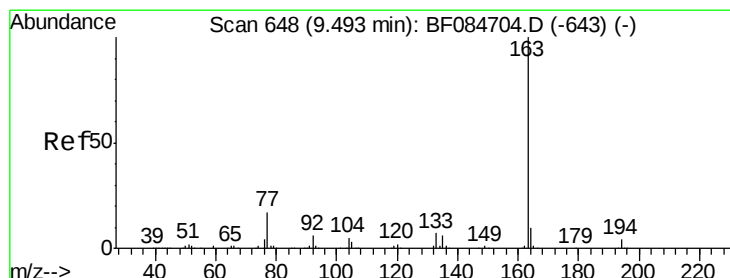
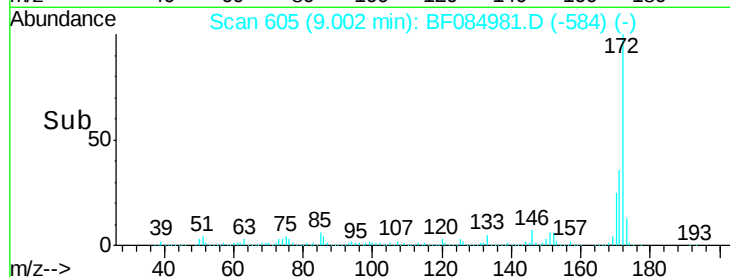
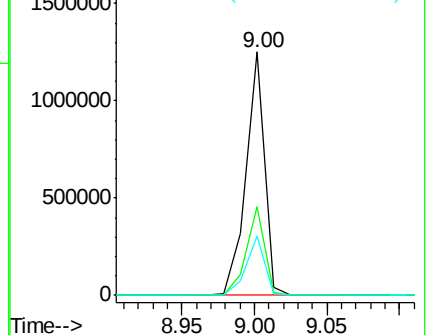
170 24.5 18.6 27.8



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



#49

Dimethylphthalate

Concen: 14.88 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.07 min

Lab File: BF084981.D

Acq: 10 Feb 2016 4:46

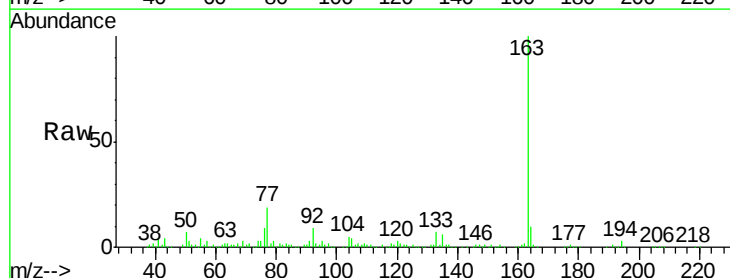
Tgt Ion:163 Resp: 252032

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

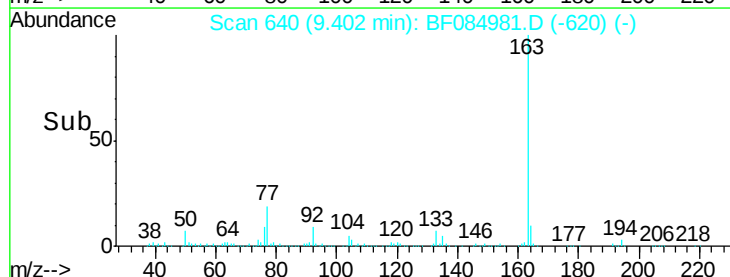
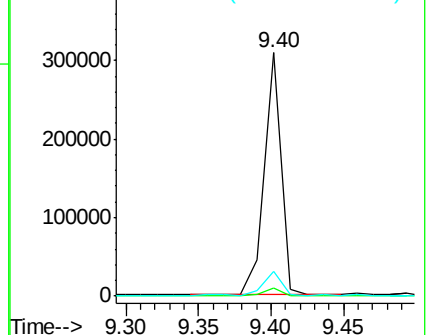
164 10.0 8.0 12.0

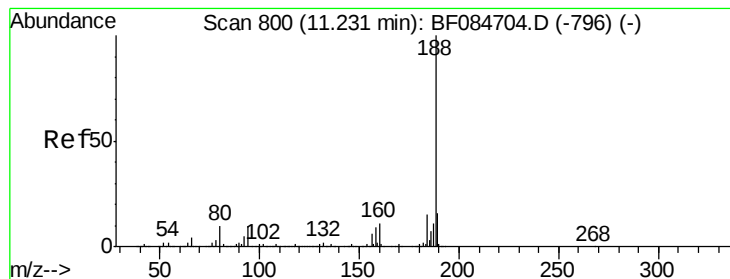


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 793

Delta R.T. -0.06 min

Lab File: BF084981.D

Acq: 10 Feb 2016 4:46

Instrument :

BNA_F

ClientSampleId :

SW007

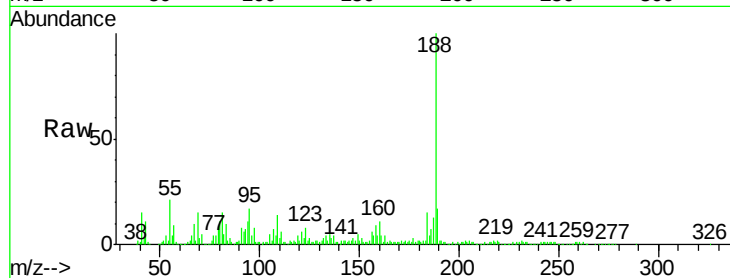
Tot Ion:188 Resp: 358209

Ion Ratio Lower Upper

188 100

94 11.0 9.0 13.4

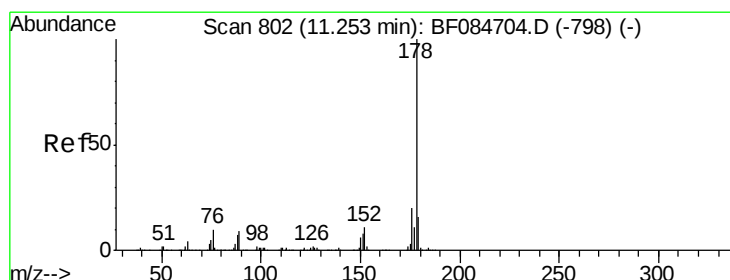
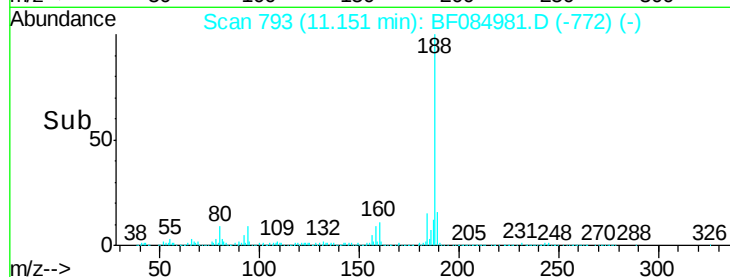
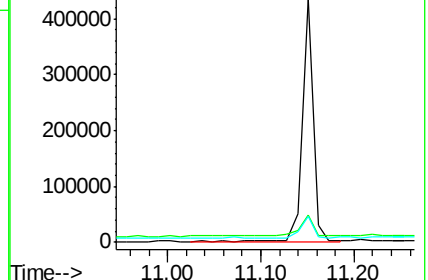
80 10.6 9.6 14.4



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: 4.34 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.06 min

Lab File: BF084981.D

Acq: 10 Feb 2016 4:46

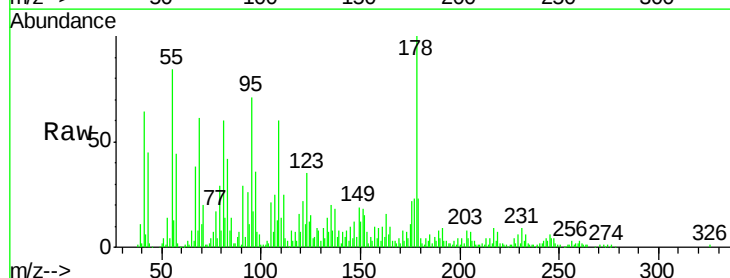
Tgt Ion:178 Resp: 86194

Ion Ratio Lower Upper

178 100

176 21.9 15.3 22.9

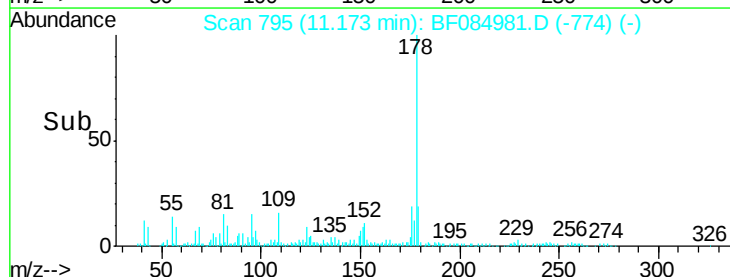
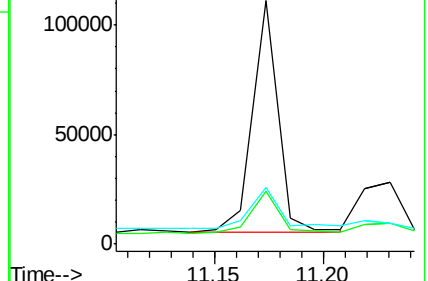
179 23.3 12.0 18.0#

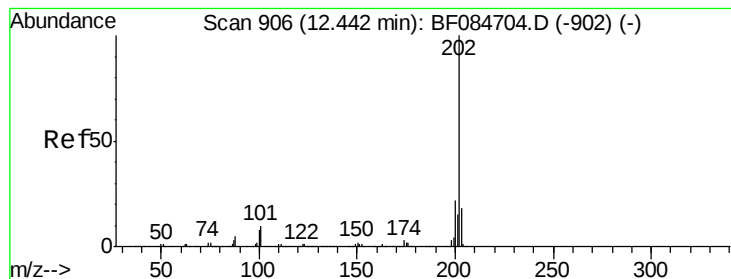


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 3.78 ng

RT: 12.36 min Scan# 899

Delta R.T. -0.06 min

Lab File: BF084981.D

Acq: 10 Feb 2016 4:46

Instrument :

BNA_F

ClientSampleId :

SW007

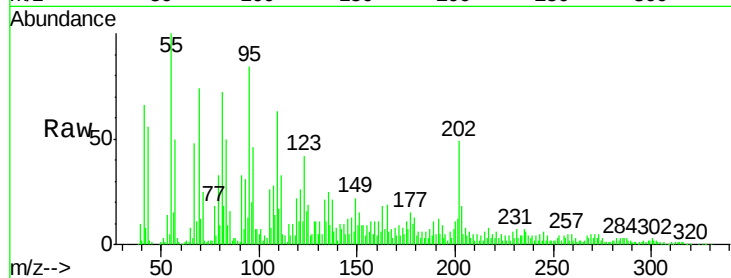
Tot Ion:202 Resp: 75928

Ion Ratio Lower Upper

202 100

101 14.8 0.0 32.8

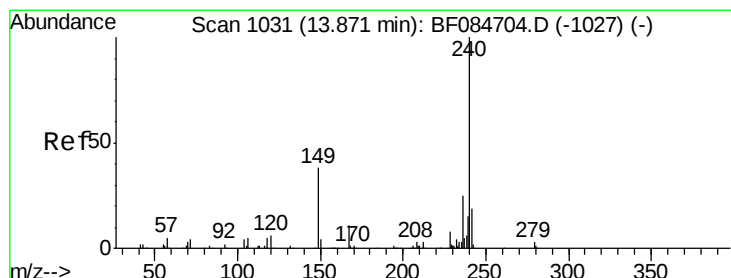
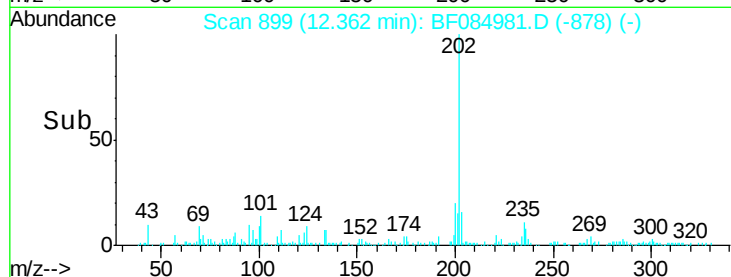
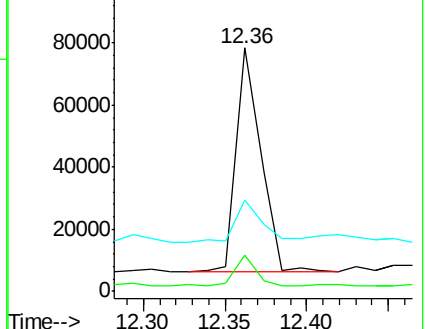
203 37.6 0.0 37.9



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: BF084981.D

Acq: 10 Feb 2016 4:46

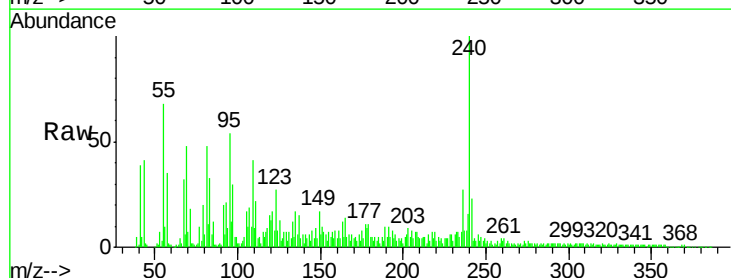
Tgt Ion:240 Resp: 255495

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

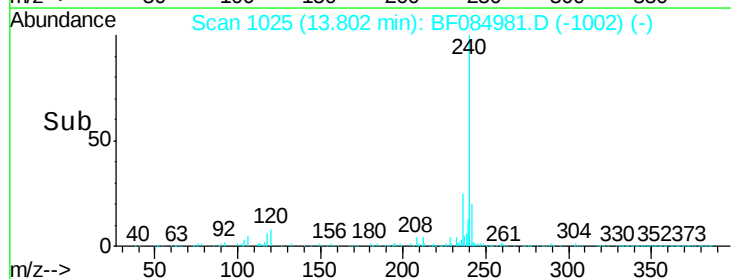
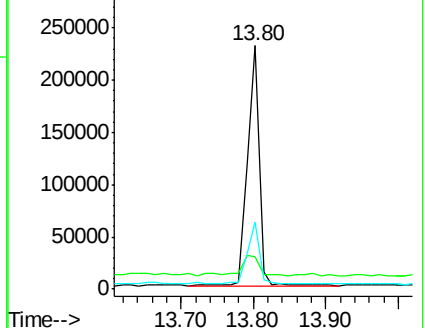
236 27.3 20.6 31.0

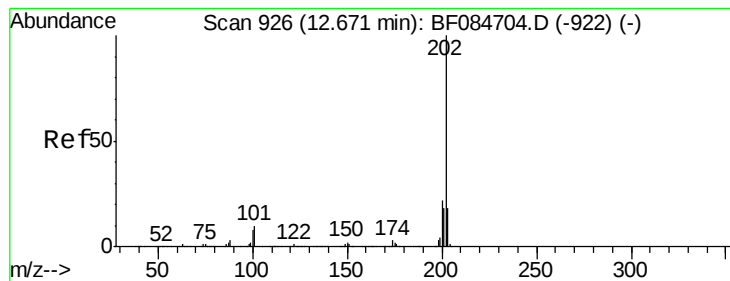


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 4.40 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF084981.D

Acq: 10 Feb 2016 4:46

Instrument :

BNA_F

ClientSampleId :

SW007

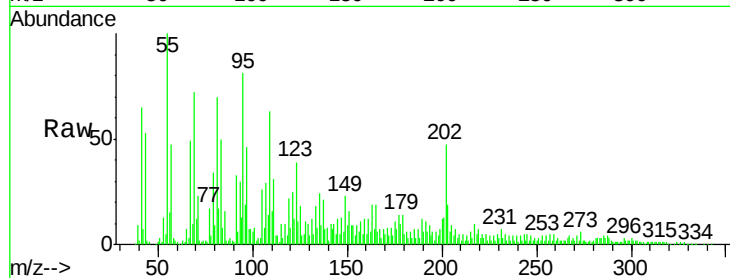
Tot Ion:202 Resp: 86056

Ion Ratio Lower Upper

202 100

200 24.8 17.2 25.8

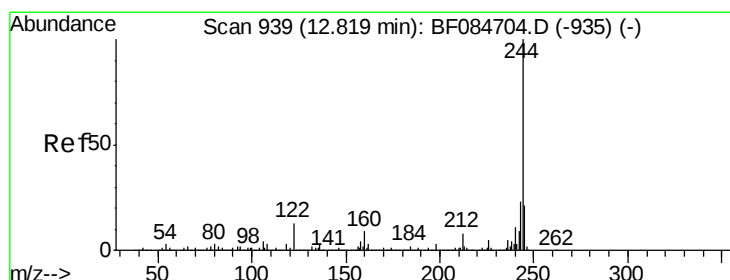
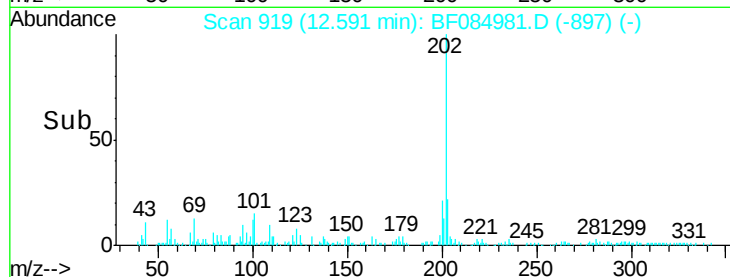
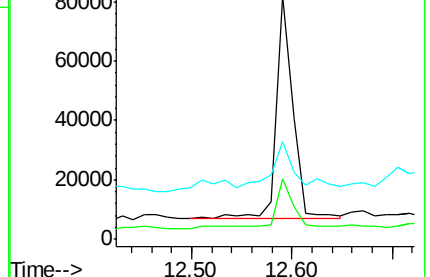
203 40.3 14.3 21.5#



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: 57.06 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.05 min

Lab File: BF084981.D

Acq: 10 Feb 2016 4:46

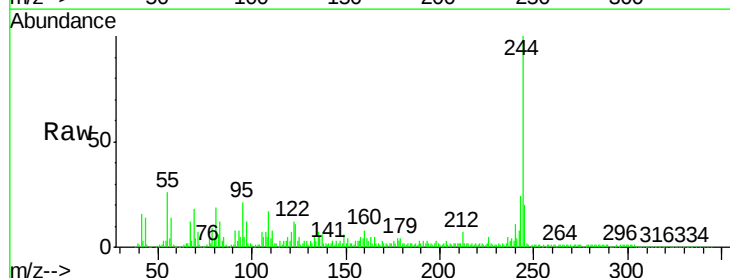
Tgt Ion:244 Resp: 643296

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

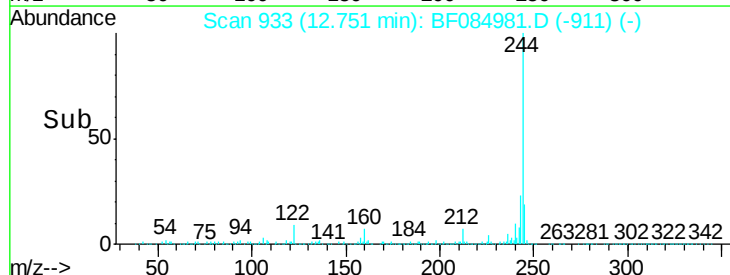
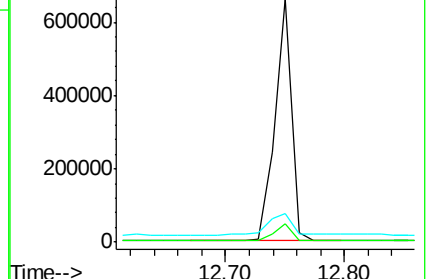
122 11.8 7.4 11.0#

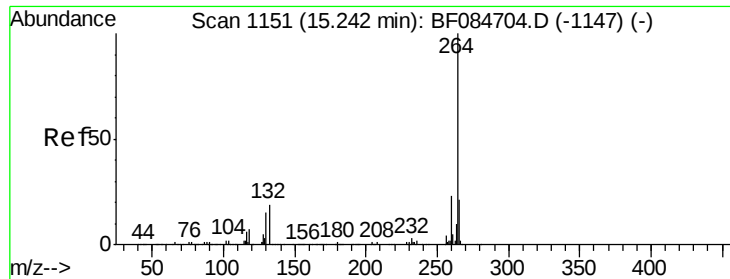


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

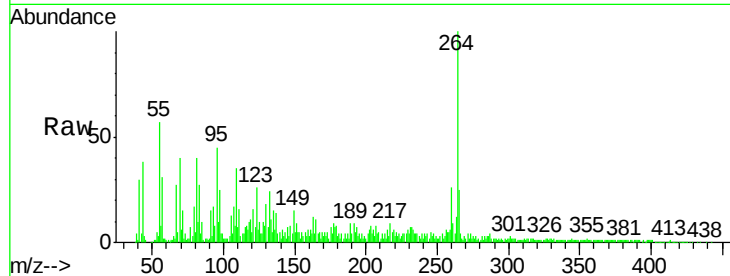




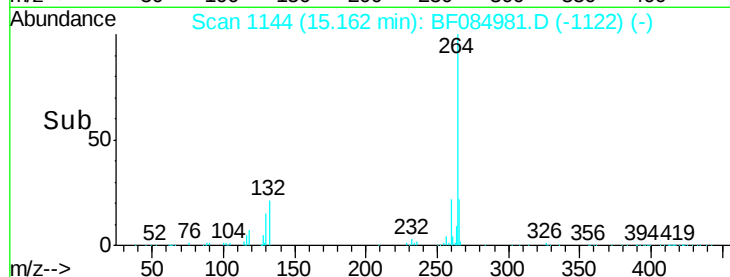
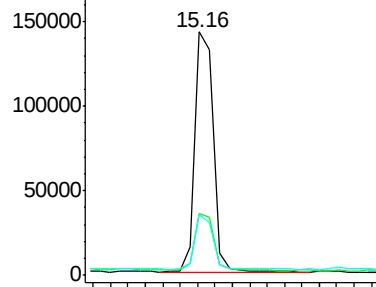
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.05 min
Lab File: BF084981.D
Acq: 10 Feb 2016 4:46

Instrument :
BNA_F
ClientSampleId :
SW007

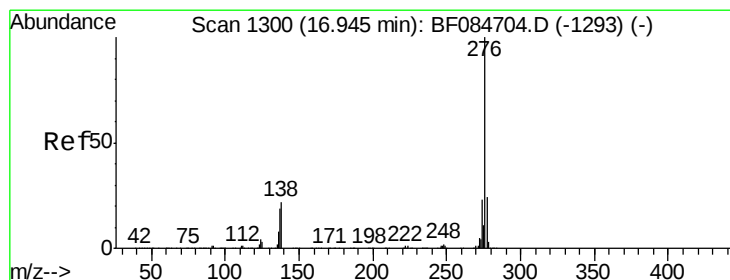
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.4	29.2
265	24.8	17.8	26.6



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

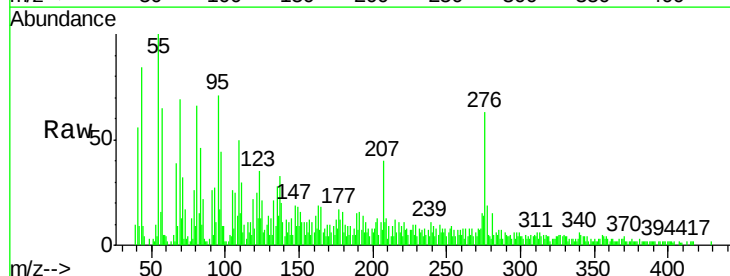


Time-->

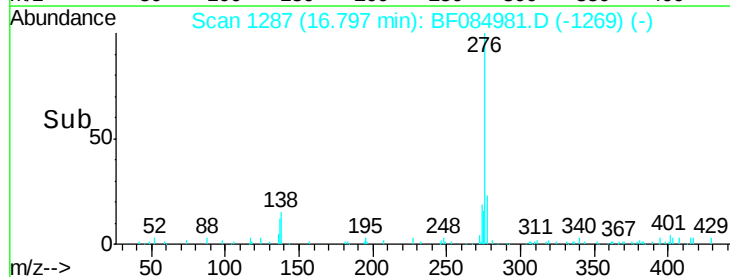
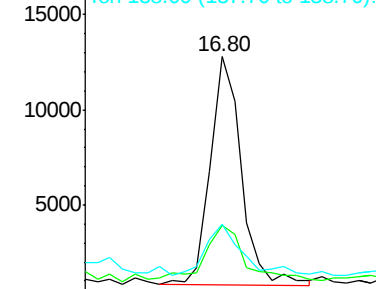


#91
Benzo(g,h,i)perylene
Concen: 2.33 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.09 min
Lab File: BF084981.D
Acq: 10 Feb 2016 4:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.5	18.8	28.2#
138	31.4	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



Time-->