

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080665.D
 Acq On : 25 Jul 2015 12:16
 Operator : TP/UM
 Sample : G3054-02RE
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC2RE

Quant Time: Jul 27 01:18:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	47584	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	162097	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	83628	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	149966	20.00	ng	0.00
75) Chrysene-d12	14.28	240	213594	20.00	ng	0.13
86) Perylene-d12	15.99	264	216090	20.00	ng	0.25

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	41129	14.55	ng	0.01
7) Phenol-d6	6.54	99	75956	22.50	ng	0.00
23) Nitrobenzene-d5	7.49	82	43061	13.34	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	2922	3.89	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	80069	14.77	ng	-0.01
78) Terphenyl-d14	13.09	244	97394	9.82	ng	0.03

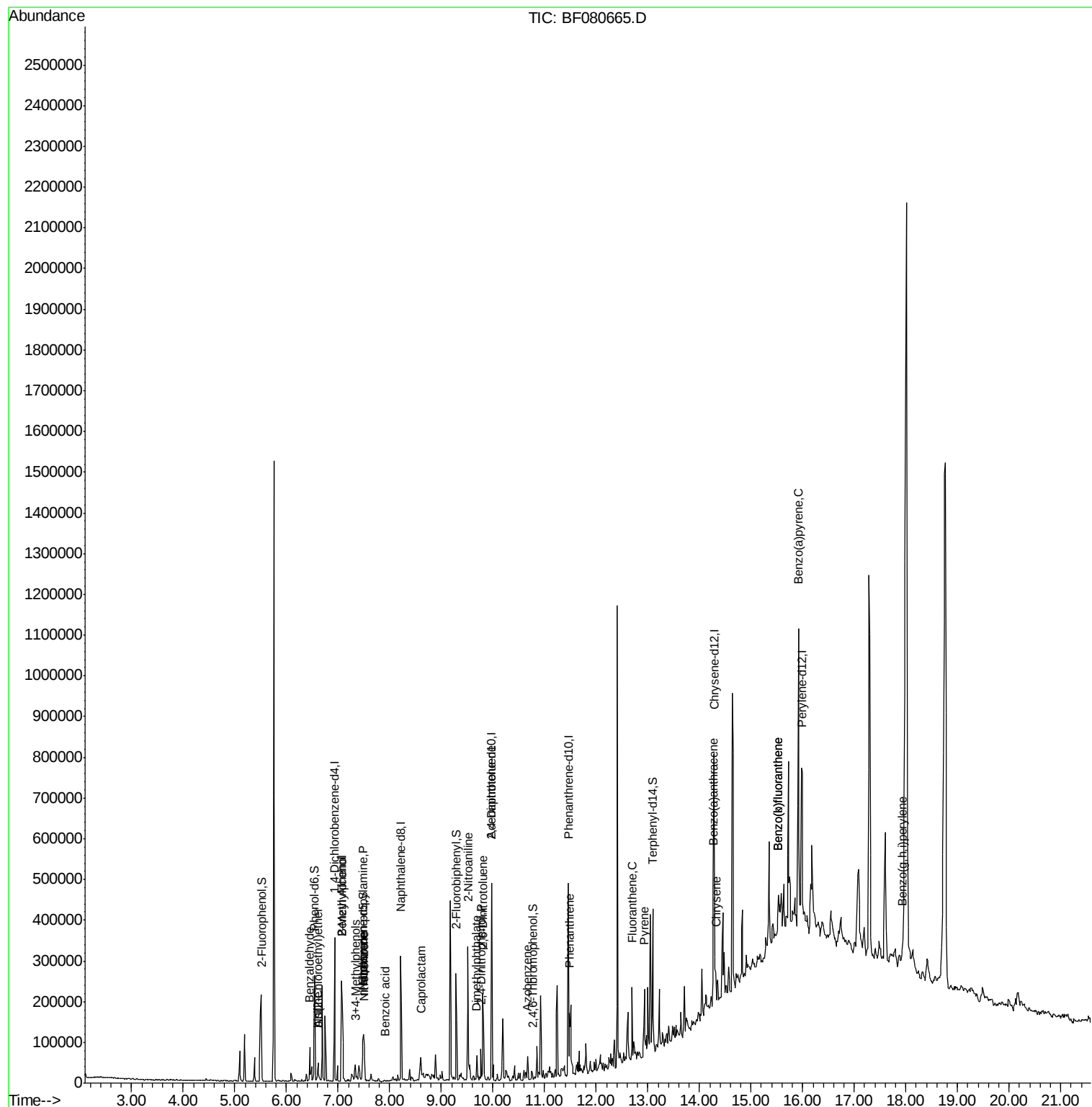
Target Compounds				Qvalue		
6) Aniline	6.60	93	23021	4.82	ng	98
9) Benzaldehyde	6.45	77	7620	3.46	ng	# 1
11) bis(2-Chloroethyl)ether	6.60	93	23021	7.66	ng	# 22
15) Benzyl Alcohol	7.07	79	66409	23.68	ng	# 82
17) 2-Methylphenol	7.07	107	33558	13.59	ng	# 22
19) n-Nitroso-di-n-propylamine	7.48	70	6058	2.49	ng	# 69
20) 3+4-Methylphenols	7.33	107	8136	2.54	ng	# 29
24) Nitrobenzene	7.50	77	22494	6.99	ng	97
25) Isophorone	7.49	82	43059	7.61	ng	# 73
32) Benzoic acid	7.90	122	263	6.61	ng	# 73
35) Caprolactam	8.60	113	2410	3.75	ng	# 69
47) 2-Nitroaniline	9.52	65	8267	5.52	ng	# 30
49) Dimethylphthalate	9.69	163	20422	3.41	ng	98
50) 2,6-Dinitrotoluene	9.80	165	4286	4.01	ng	# 22
53) 2,4-Dinitrophenol	9.77	184	482	5.62	ng	# 37
56) 2,4-Dinitrotoluene	9.97	165	11552	8.18	ng	# 5
62) Azobenzene	10.67	77	18481	3.25	ng	97
70) Phenanthrene	11.48	178	49904	6.03	ng	98
74) Fluoranthene	12.69	202	66170	8.27	ng	95
77) Pyrene	12.93	202	68655	5.13	ng	99
80) Benzo(a)anthracene	14.27	228	55247	4.41	ng	96
82) Chrysene	14.32	228	41464	3.53	ng	98
87) Benzo(b)fluoranthene	15.53	252	84163	6.43	ng	# 88
88) Benzo(k)fluoranthene	15.53	252	84163	7.18	ng	# 87
89) Benzo(a)pyrene	15.92	252	44854	3.81	ng	# 84
91) Benzo(g,h,i)perylene	17.93	276	28653	2.27	ng	# 90

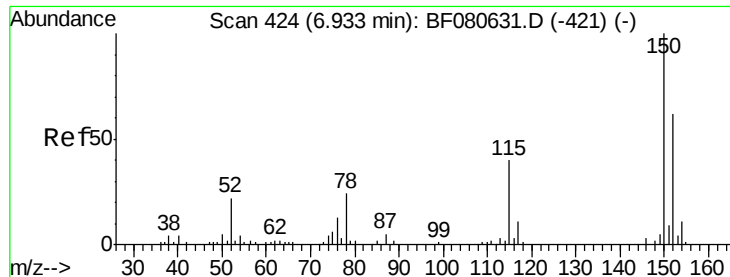
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080665.D
Acq On : 25 Jul 2015 12:16
Operator : TP/UM
Sample : G3054-02RE
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONC2RE

Quant Time: Jul 27 01:18:16 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 25 04:28:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

ClientSampleId :

CONC2RE

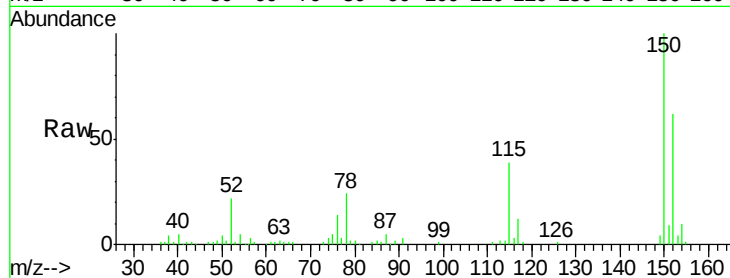
Tgt Ion:152 Resp: 47584

Ion Ratio Lower Upper

152 100

150 162.3 128.9 193.3

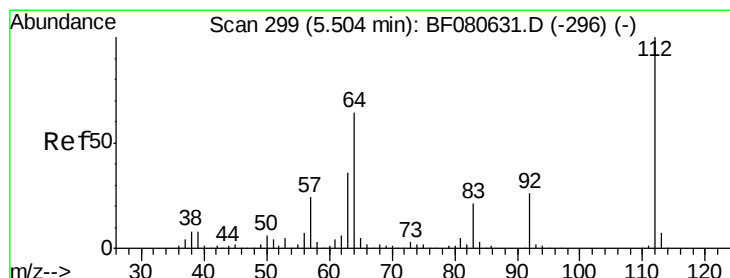
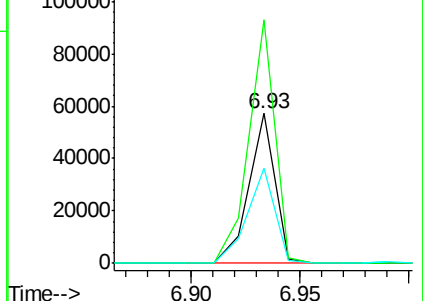
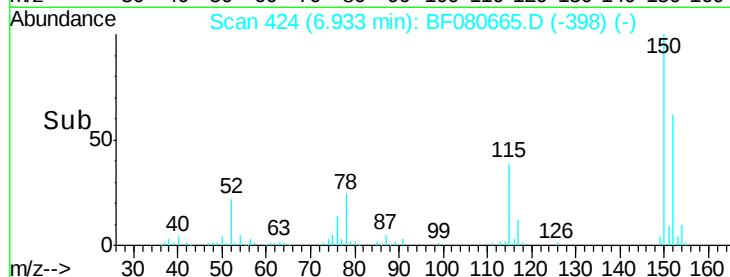
115 63.2 51.0 76.6



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: 14.55 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

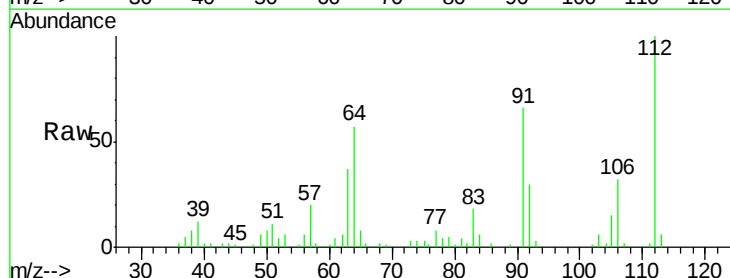
Tgt Ion:112 Resp: 41129

Ion Ratio Lower Upper

112 100

64 56.5 51.2 76.8

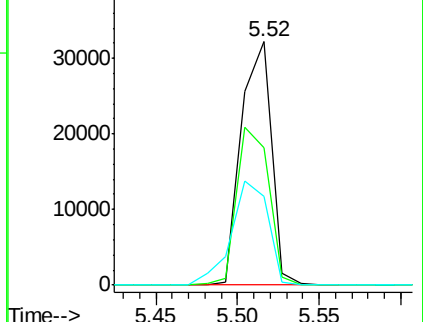
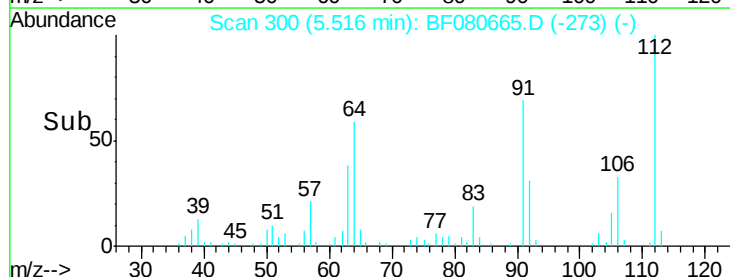
63 36.6 29.0 43.6

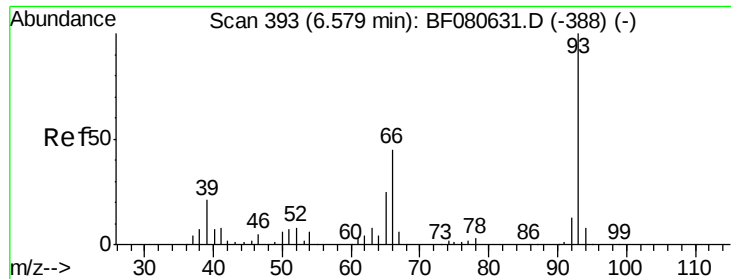


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 4.82 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.02 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

ClientSampleId :

CONC2RE

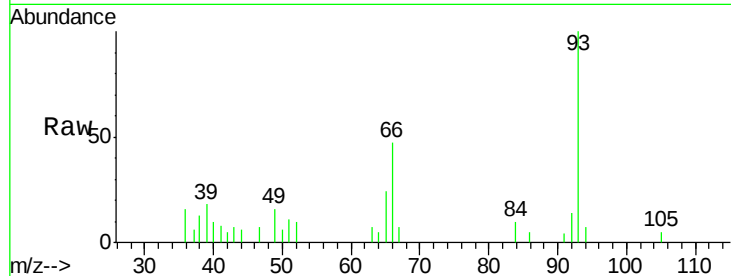
Tgt Ion: 93 Resp: 23021

Ion Ratio Lower Upper

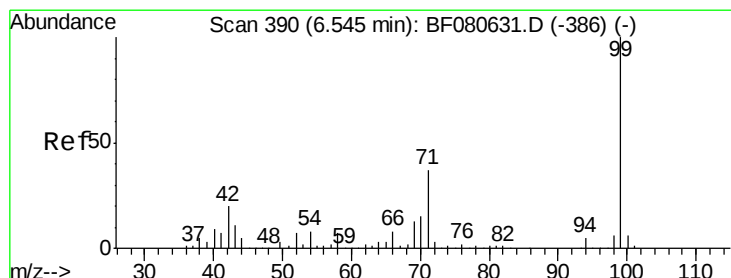
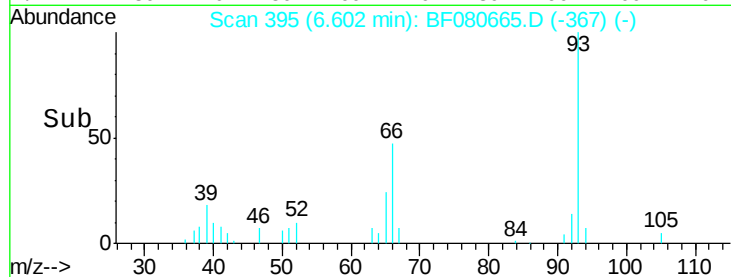
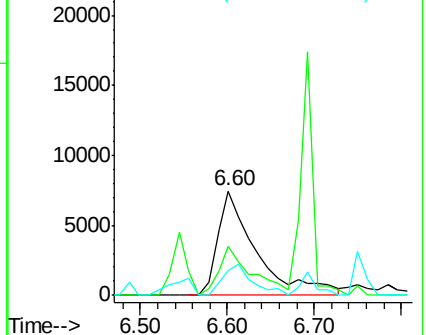
93 100

66 46.6 36.3 54.5

65 24.3 19.9 29.9



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 22.50 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

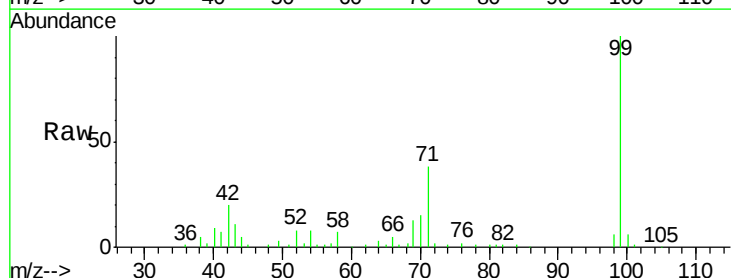
Tgt Ion: 99 Resp: 75956

Ion Ratio Lower Upper

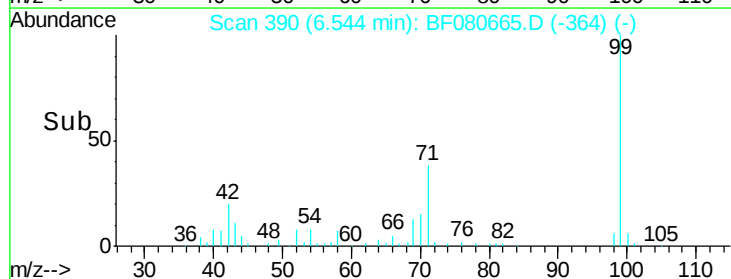
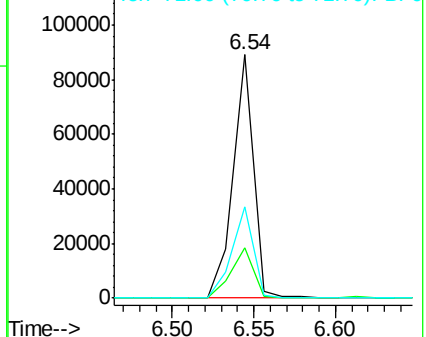
99 100

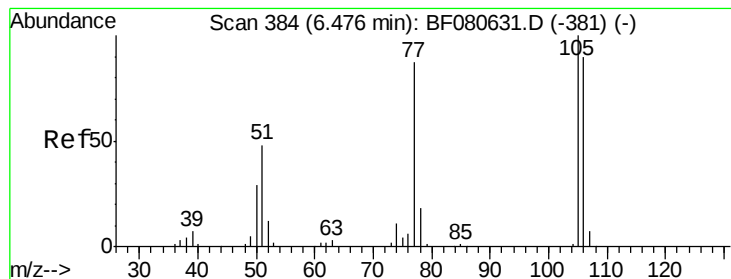
42 20.4 16.3 24.5

71 37.7 29.7 44.5



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: 3.46 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

ClientSampleId :

CONC2RE

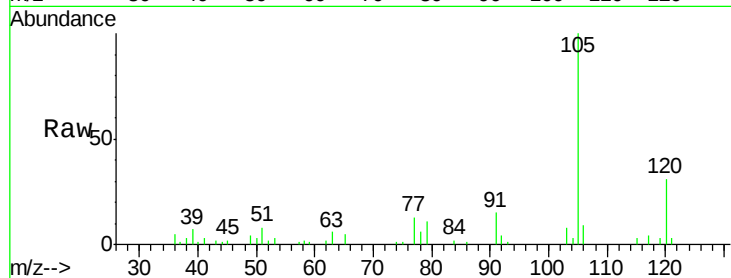
Tgt Ion: 77 Resp: 7620

Ion Ratio Lower Upper

77 100

105 786.4 94.7 134.7#

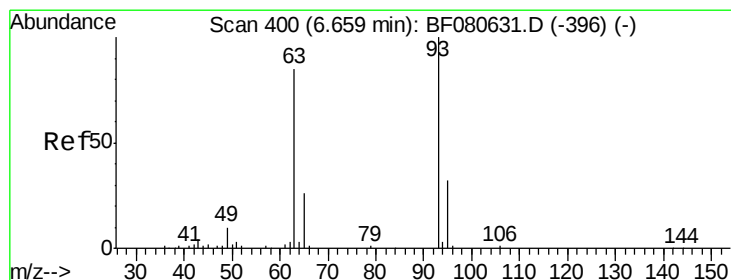
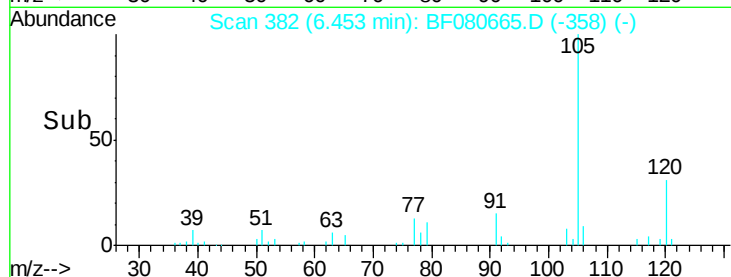
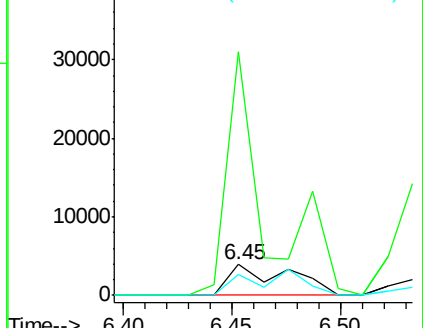
106 67.9 83.4 123.4#



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



#11

bis(2-Chloroethyl)ether

Concen: 7.66 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.06 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

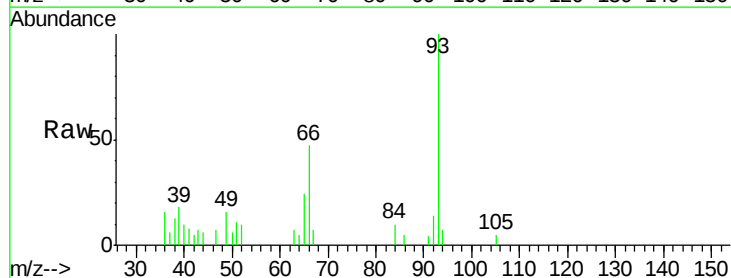
Tgt Ion: 93 Resp: 23021

Ion Ratio Lower Upper

93 100

63 7.0 65.1 105.1#

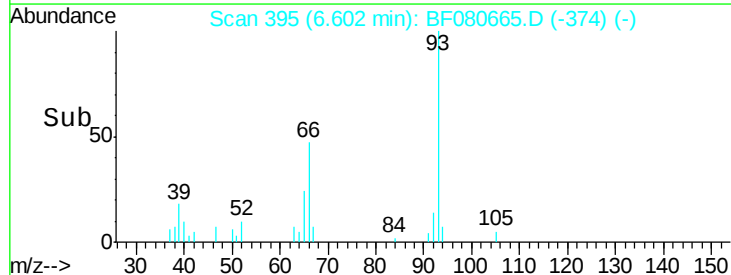
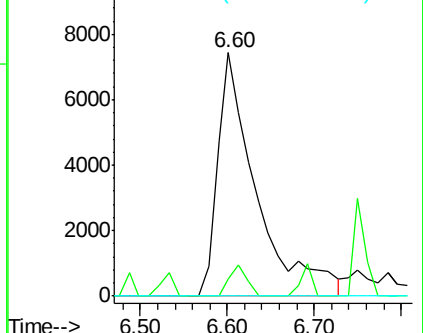
95 0.0 12.3 52.3#

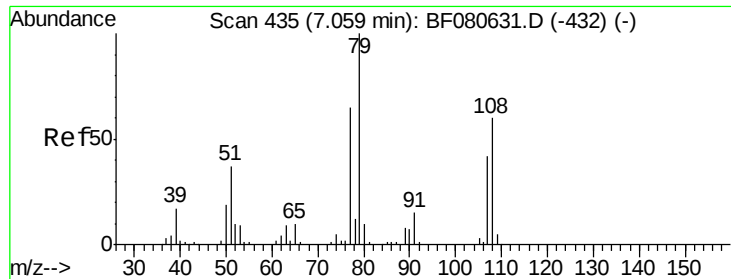


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 23.68 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

ClientSampleId :

CONC2RE

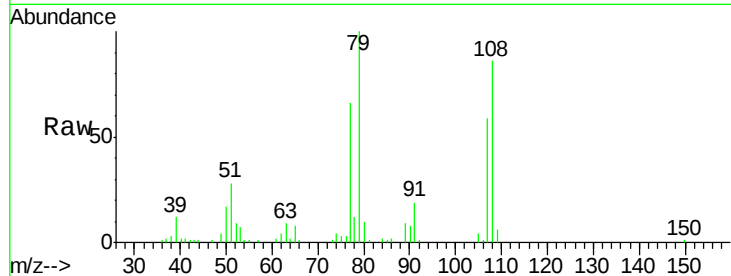
Tgt Ion: 79 Resp: 66409

Ion Ratio Lower Upper

79 100

108 85.9 47.8 71.8#

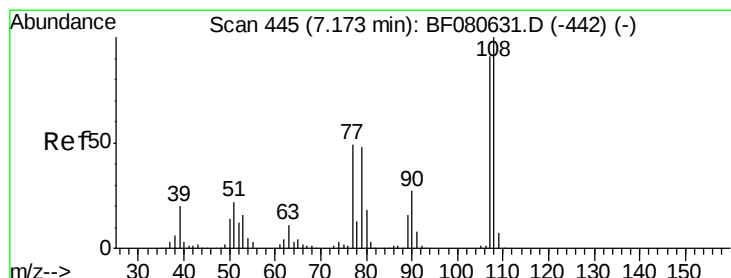
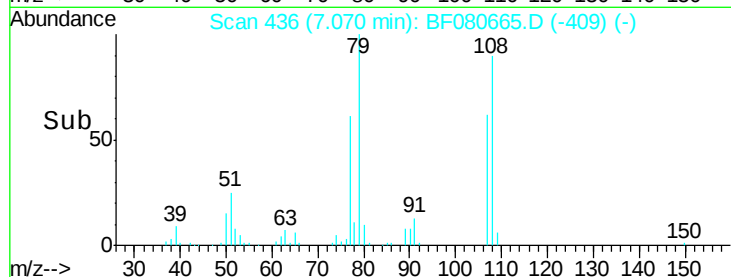
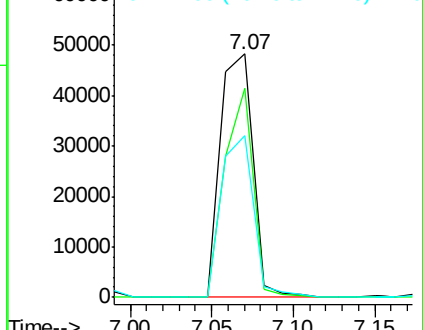
77 66.3 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#17

2-Methylphenol

Concen: 13.59 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.10 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Tgt Ion: 107 Resp: 33558

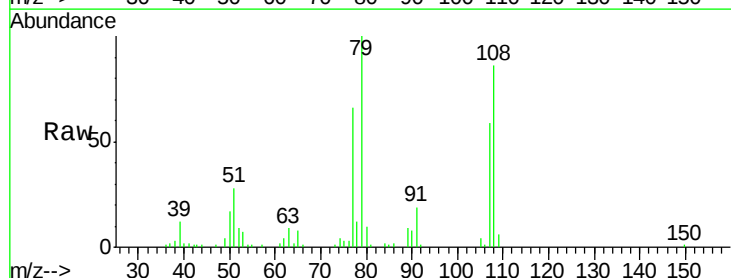
Ion Ratio Lower Upper

107 100

108 146.0 88.4 132.6#

77 112.8 43.0 64.4#

79 170.0 42.2 63.2#

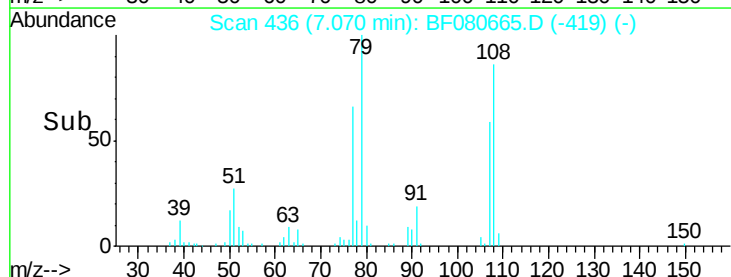
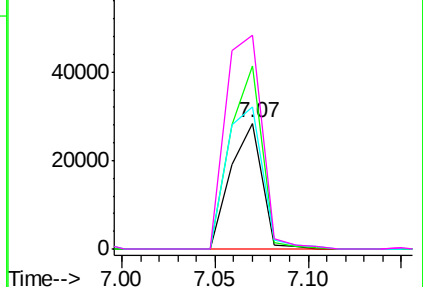


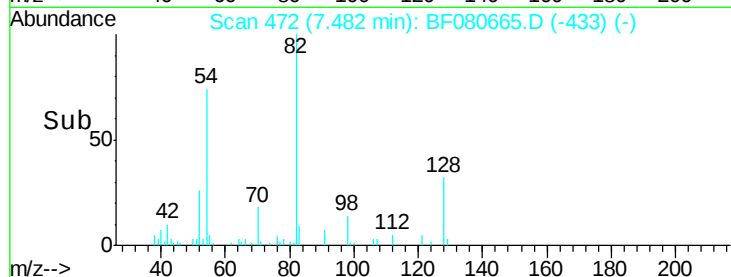
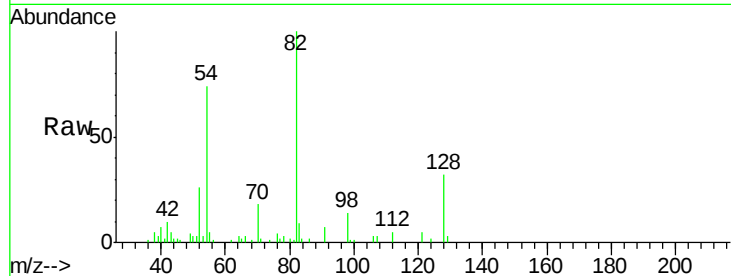
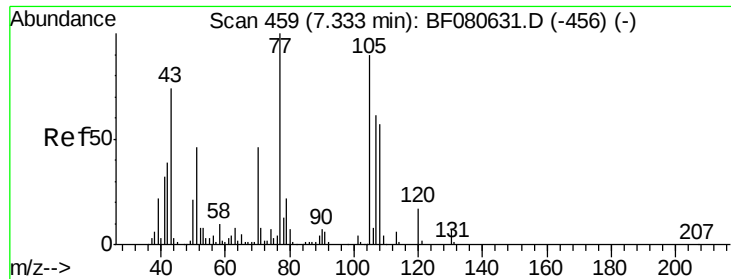
Abundance Ion 107.00 (106.70 to 107.70): E

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

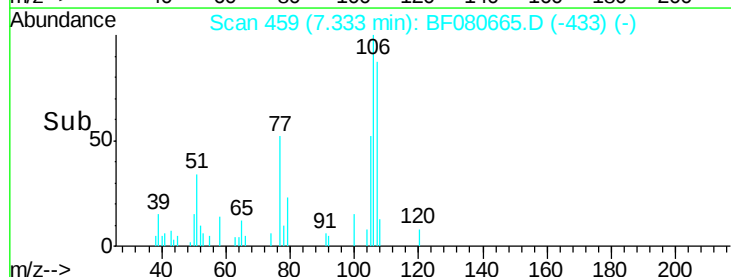
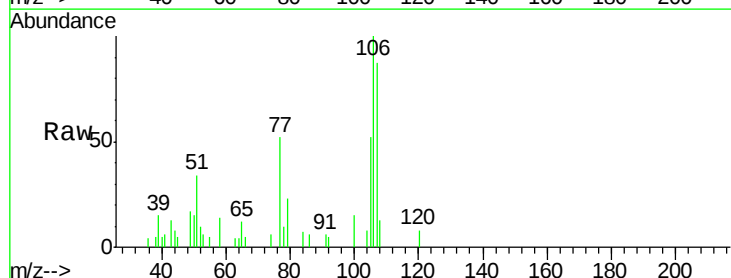
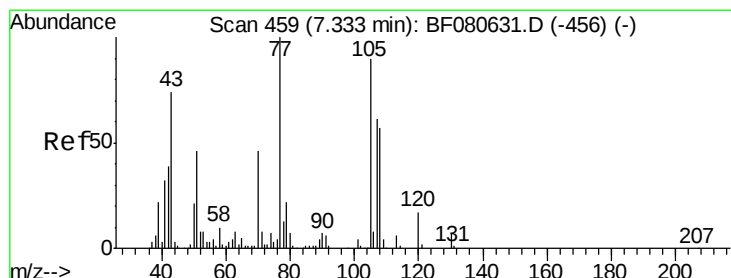
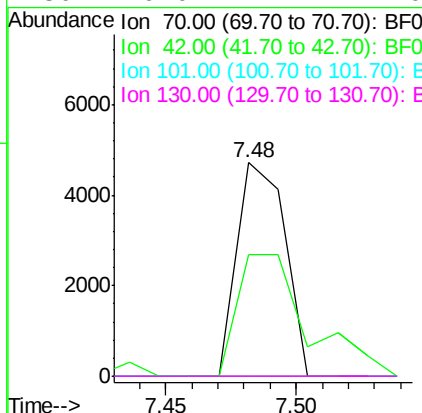




#19
n-Nitroso-di-n-propylamine
Concen: 2.49 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.15 min
Lab File: BF080665.D
Acq: 25 Jul 2015 12:16

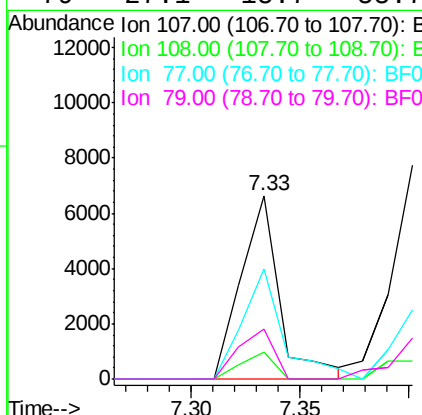
Instrument :
BNA_F
ClientSampleId :
CONC2RE

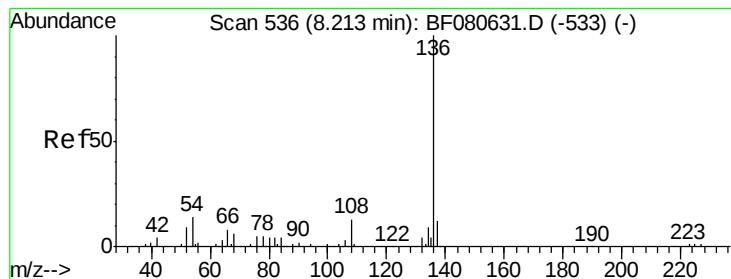
Tgt Ion: 70 Resp: 6058
Ion Ratio Lower Upper
70 100
42 56.8 67.8 101.8#
101 0.0 6.6 9.8#
130 0.0 11.4 17.0#



#20
3+4-Methylphenols
Concen: 2.54 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080665.D
Acq: 25 Jul 2015 12:16

Tgt Ion: 107 Resp: 8136
Ion Ratio Lower Upper
107 100
108 14.6 73.5 113.5#
77 60.1 142.7 182.7#
79 27.1 15.7 55.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

ClientSampleId :

CONC2RE

Tgt Ion: 136 Resp: 162097

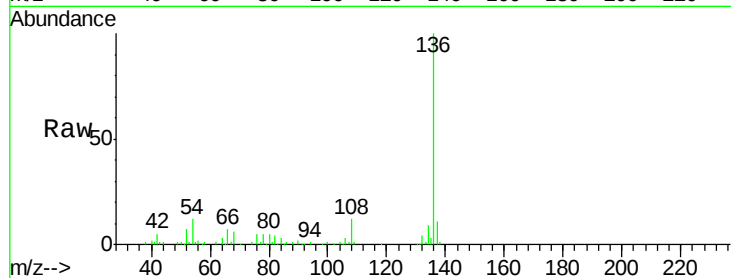
Ion Ratio Lower Upper

136 100

137 10.6 9.3 13.9

54 12.4 11.6 17.4

68 6.0 5.0 7.4

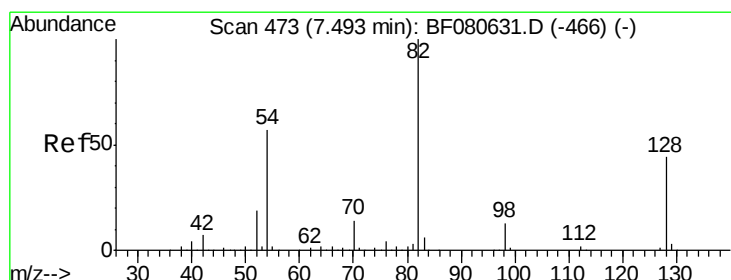
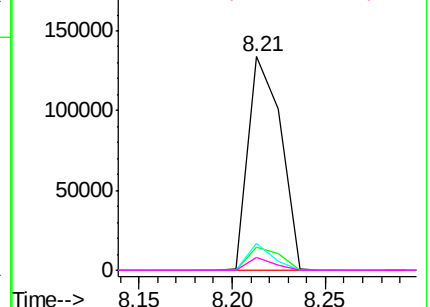
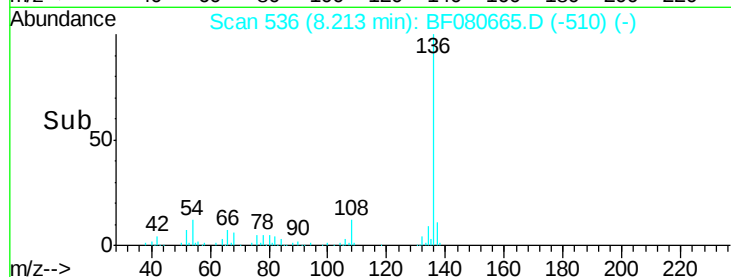


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 13.34 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

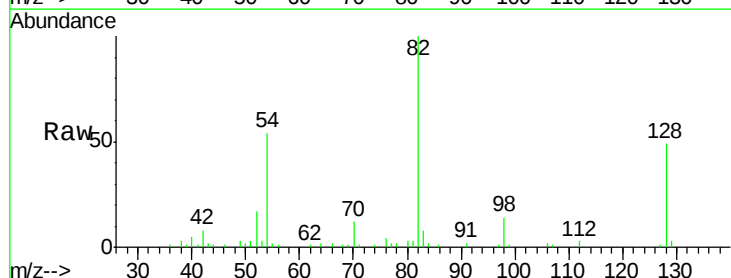
Tgt Ion: 82 Resp: 43061

Ion Ratio Lower Upper

82 100

128 49.3 34.8 52.2

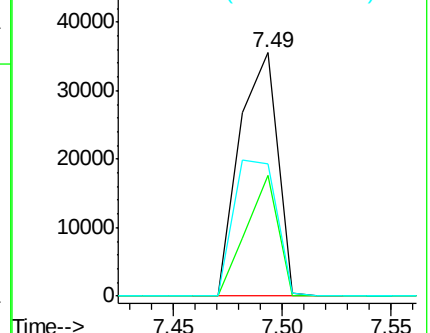
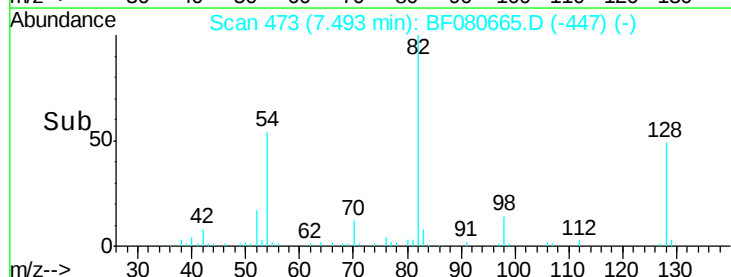
54 54.3 45.4 68.0

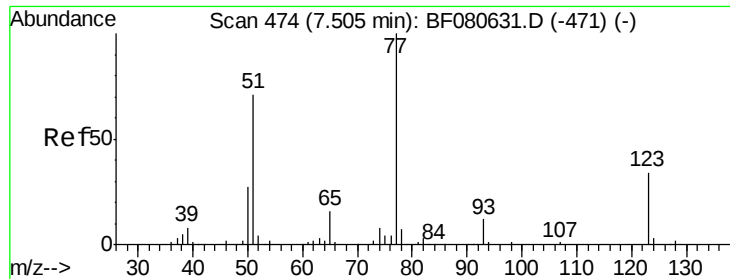


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

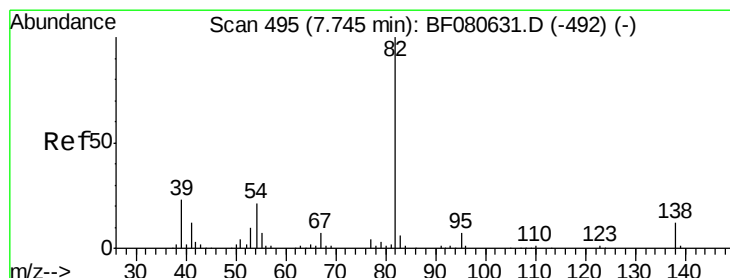
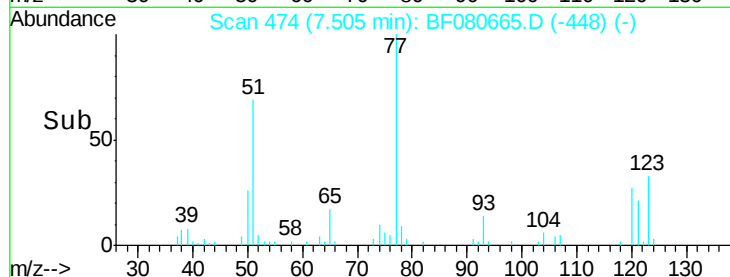
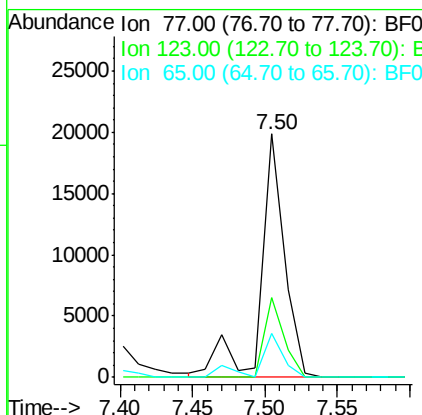
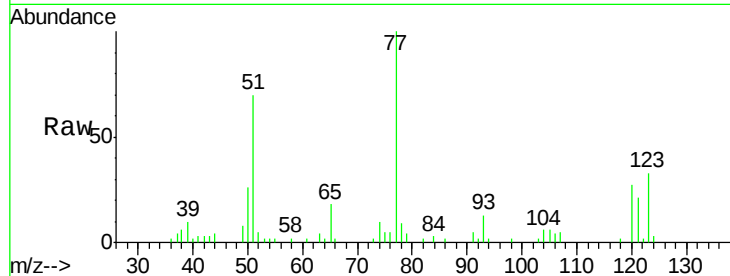




#24
 Nitrobenzene
 Concen: 6.99 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.00 min
 Lab File: BF080665.D
 Acq: 25 Jul 2015 12:16

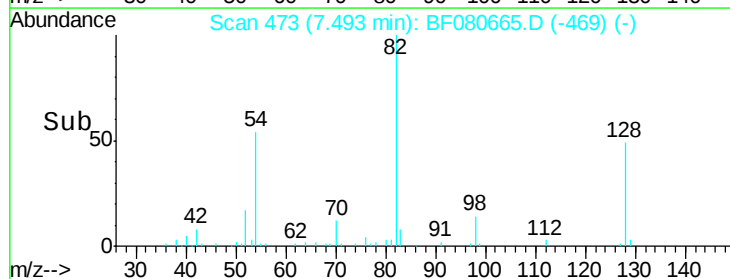
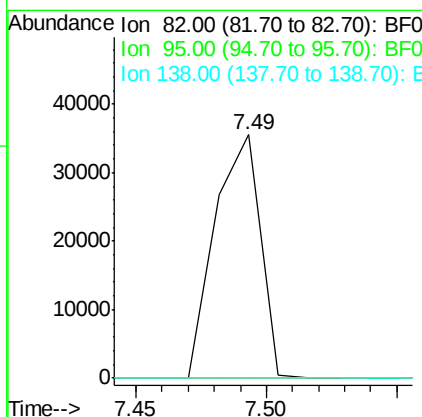
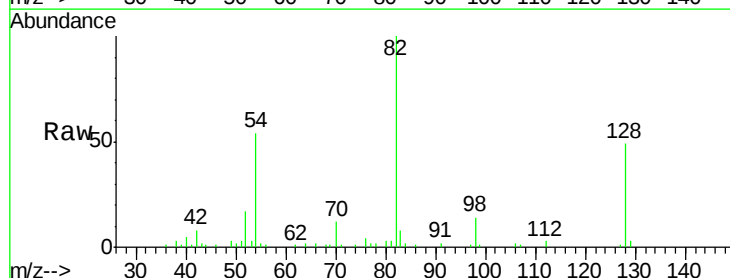
Instrument :
 BNA_F
 ClientSampleId :
 CONC2RE

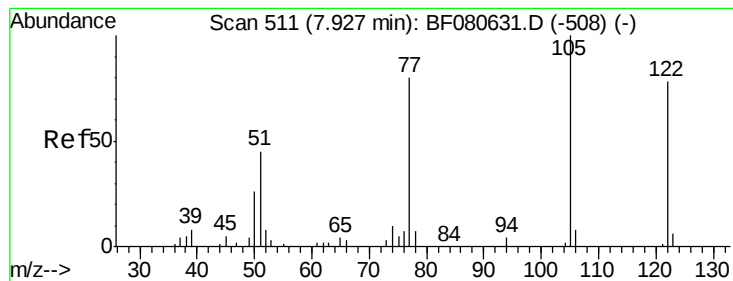
Tgt Ion: 77 Resp: 22494
 Ion Ratio Lower Upper
 77 100
 123 32.6 27.1 40.7
 65 18.2 12.6 18.8



#25
 Isophorone
 Concen: 7.61 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.25 min
 Lab File: BF080665.D
 Acq: 25 Jul 2015 12:16

Tgt Ion: 82 Resp: 43059
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 9.7 14.5#





#32

Benzoic acid

Concen: 6.61 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

ClientSampleId :

CONC2RE

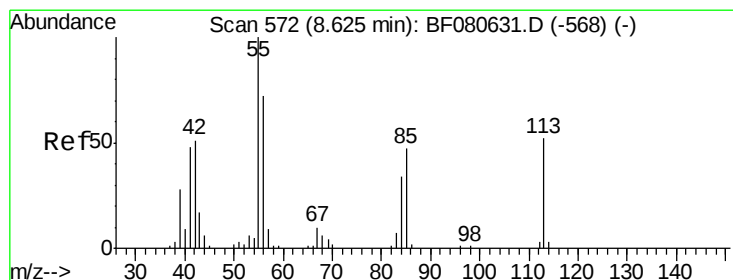
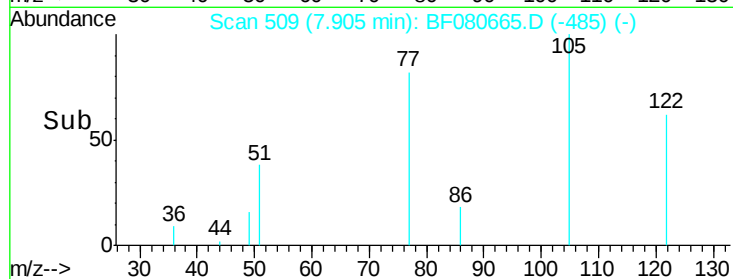
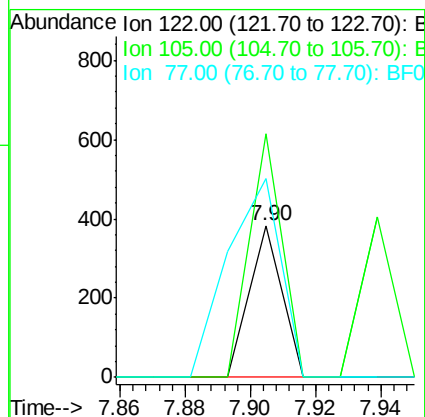
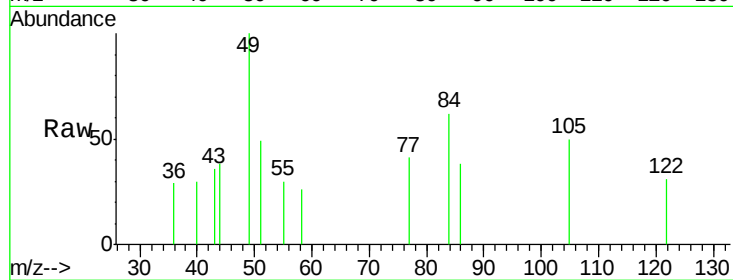
Tgt Ion:122 Resp: 263

Ion Ratio Lower Upper

122 100

105 160.3 107.9 147.9#

77 130.8 84.3 124.3#



#35

Caprolactam

Concen: 3.75 ng

RT: 8.60 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

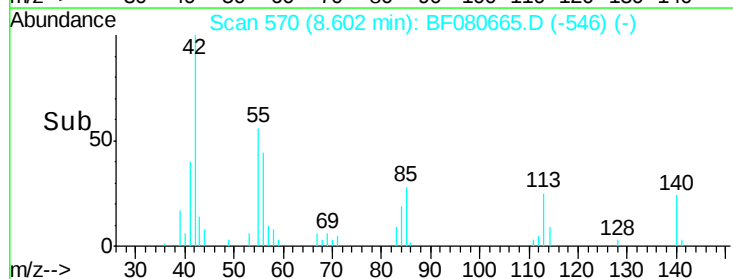
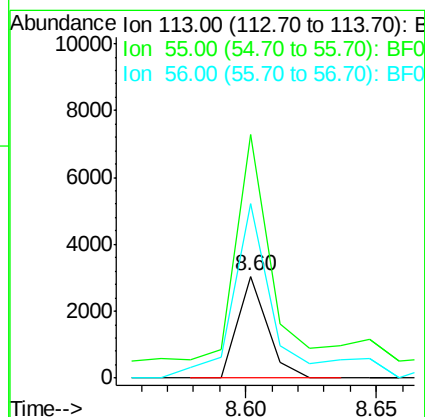
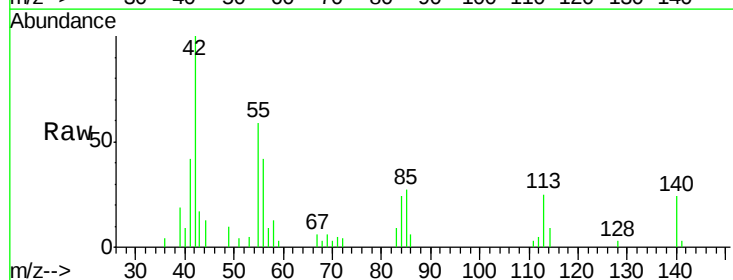
Tgt Ion:113 Resp: 2410

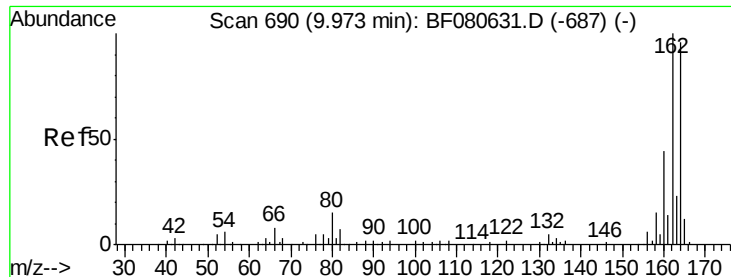
Ion Ratio Lower Upper

113 100

55 239.3 170.7 210.7#

56 172.1 118.2 158.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

ClientSampleId :

CONC2RE

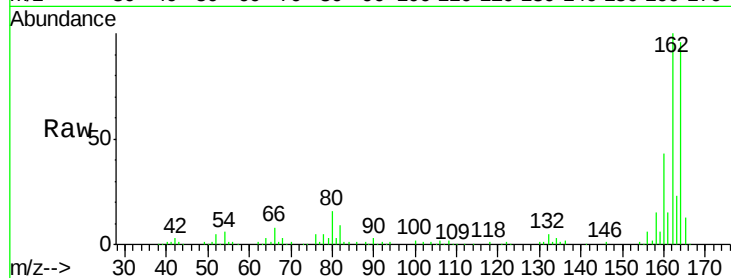
Tgt Ion:164 Resp: 83628

Ion Ratio Lower Upper

164 100

162 104.7 83.3 124.9

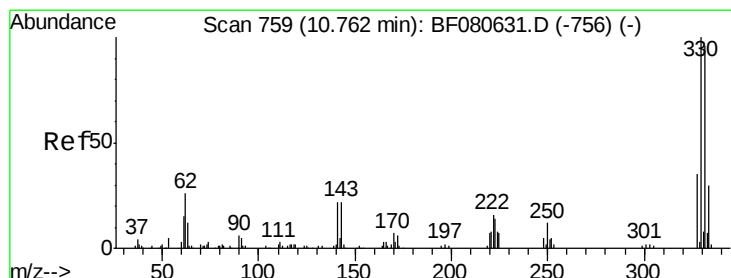
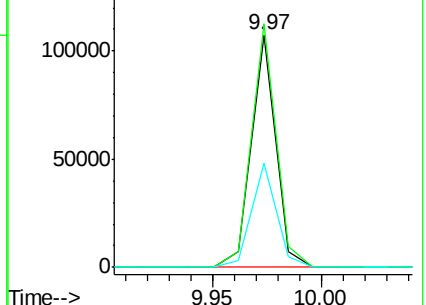
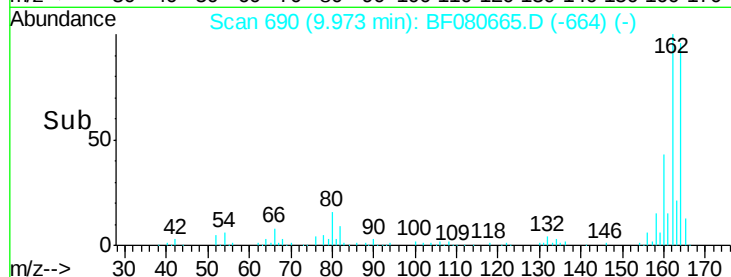
160 44.7 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 3.89 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

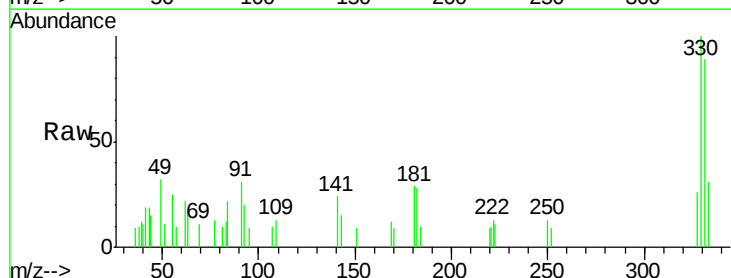
Tgt Ion:330 Resp: 2922

Ion Ratio Lower Upper

330 100

332 89.8 76.7 115.1

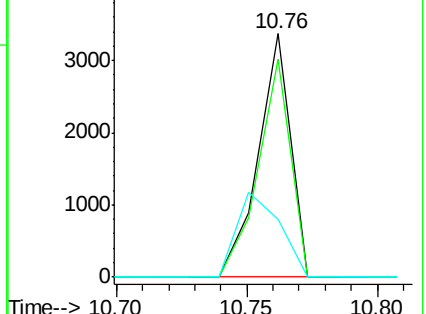
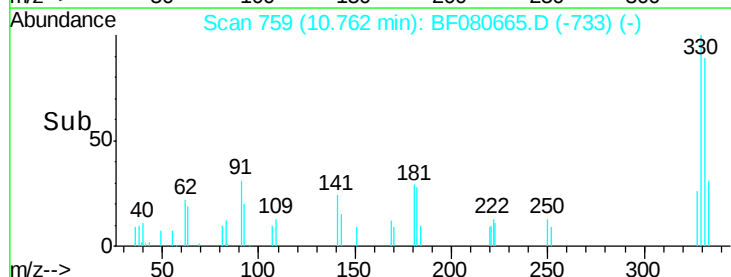
141 46.2 32.7 49.1

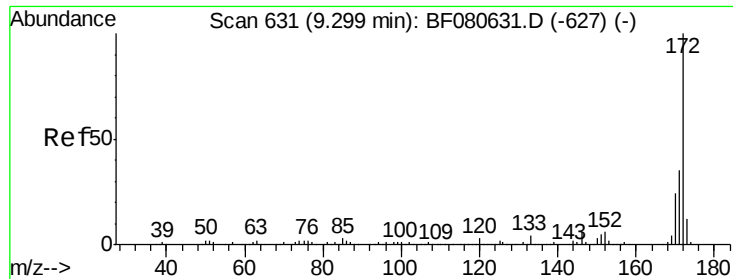


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

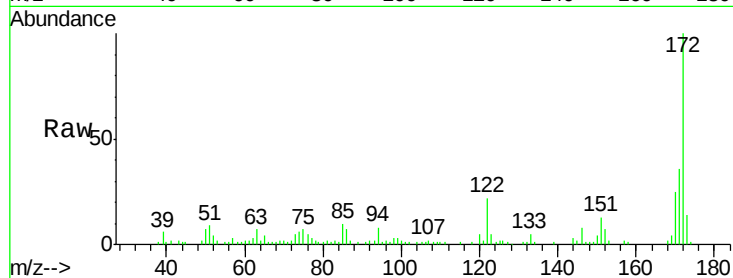




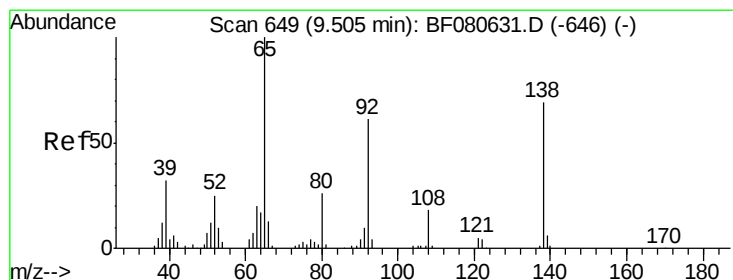
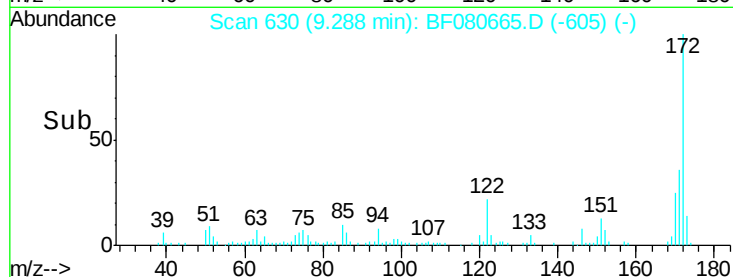
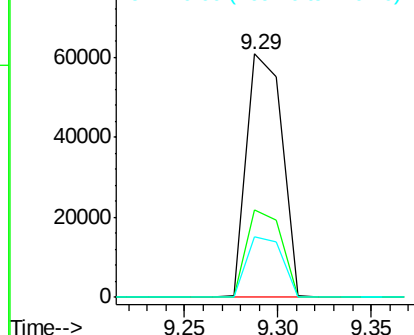
#44
 2-Fluorobiphenyl
 Concen: 14.77 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF080665.D
 Acq: 25 Jul 2015 12:16

Instrument :
 BNA_F
 ClientSampleId :
 CONC2RE

Tgt Ion: 172 Resp: 80069
 Ion Ratio Lower Upper
 172 100
 171 35.8 27.7 41.5
 170 24.7 19.0 28.4

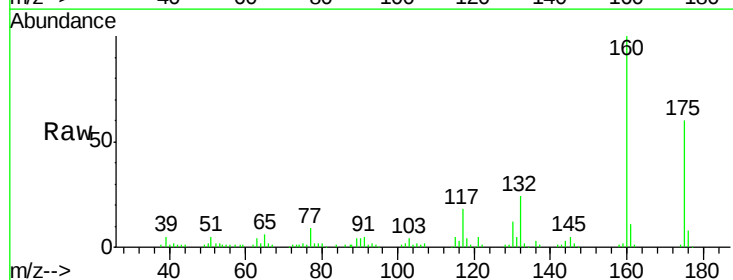


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

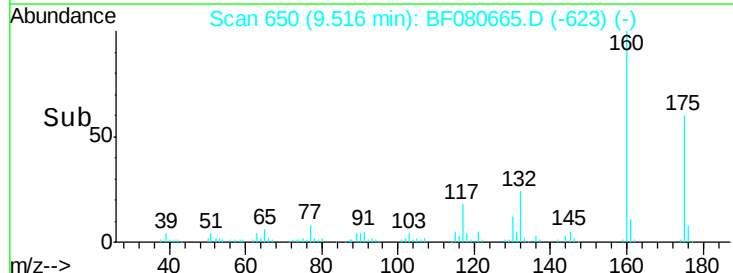
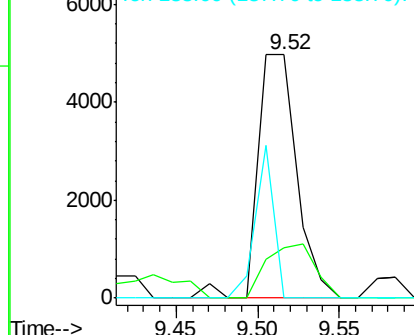


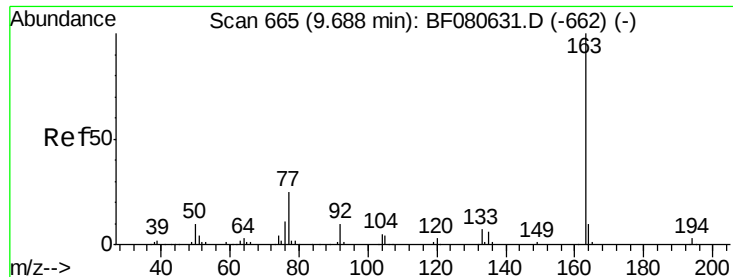
#47
 2-Nitroaniline
 Concen: 5.52 ng
 RT: 9.52 min Scan# 650
 Delta R.T. 0.01 min
 Lab File: BF080665.D
 Acq: 25 Jul 2015 12:16

Tgt Ion: 65 Resp: 8267
 Ion Ratio Lower Upper
 65 100
 92 20.9 48.7 73.1#
 138 0.0 55.4 83.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 3.41 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

ClientSampleId :

CONC2RE

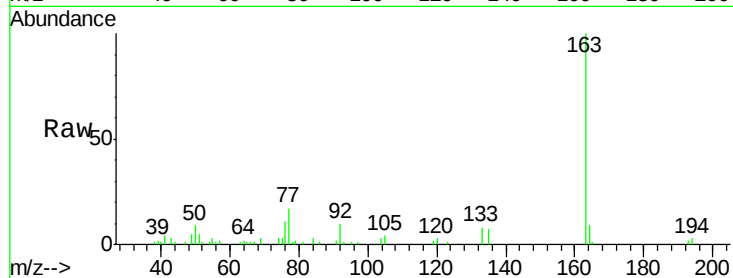
Tgt Ion:163 Resp: 20422

Ion Ratio Lower Upper

163 100

194 3.3 2.5 3.7

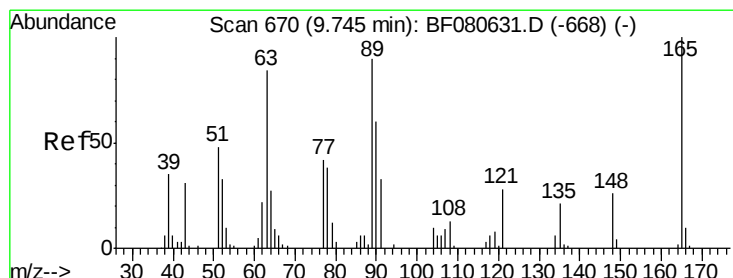
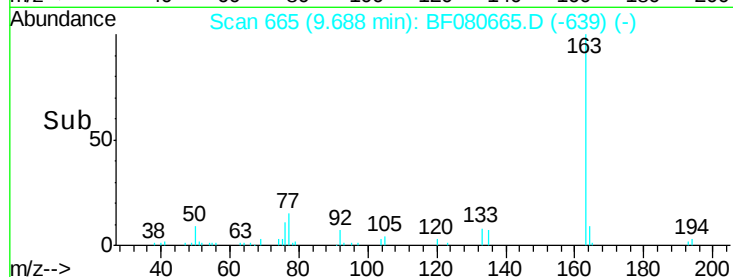
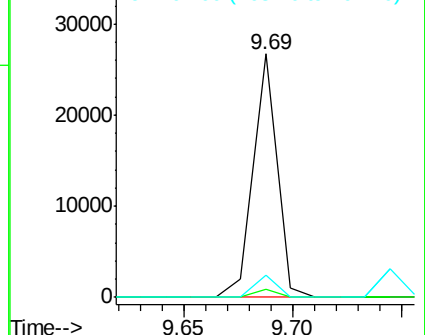
164 8.9 8.0 12.0



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: 4.01 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.06 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

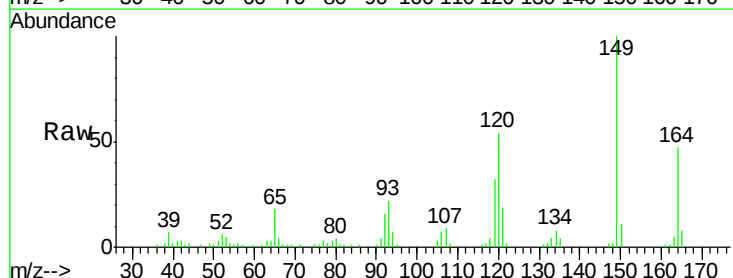
Tgt Ion:165 Resp: 4286

Ion Ratio Lower Upper

165 100

63 40.5 84.0 126.0#

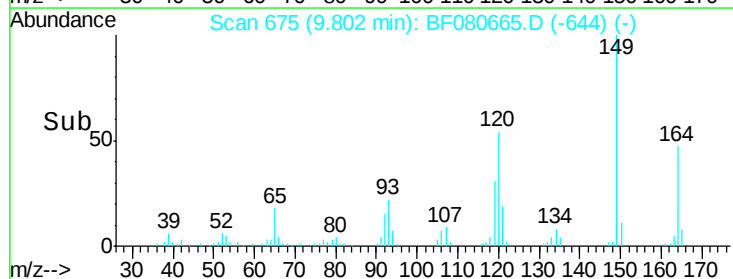
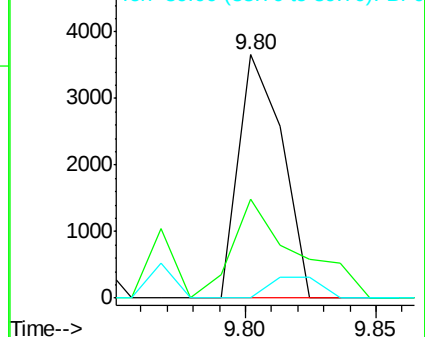
89 0.0 71.7 107.5#

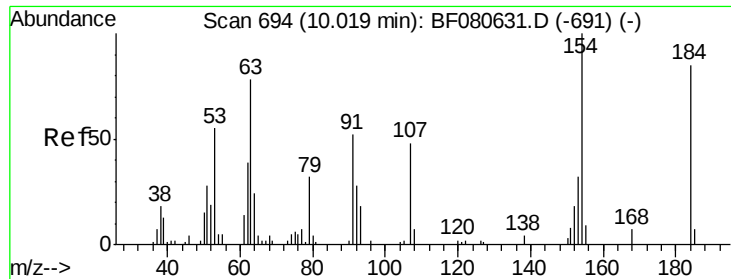


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

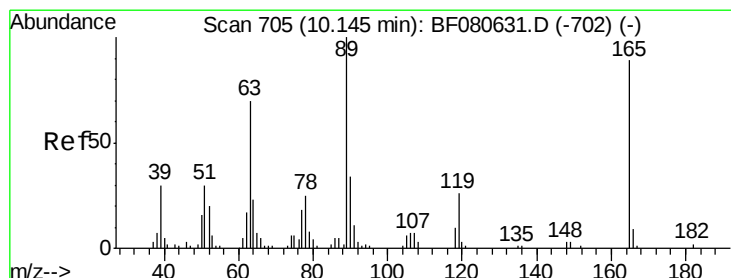
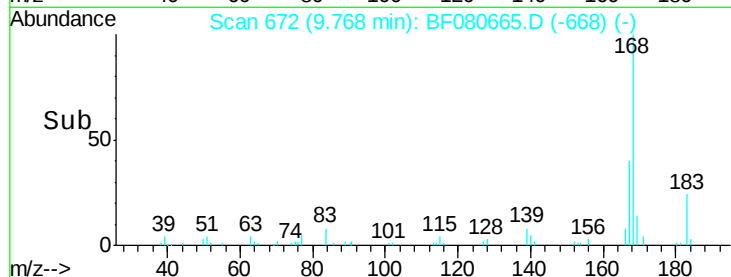
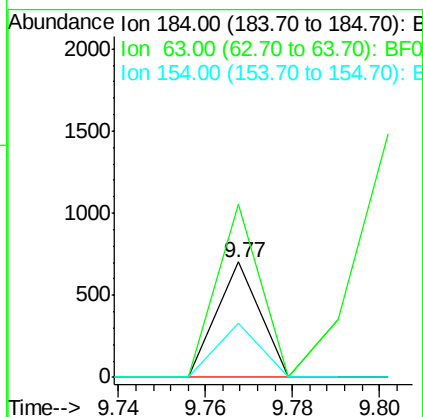
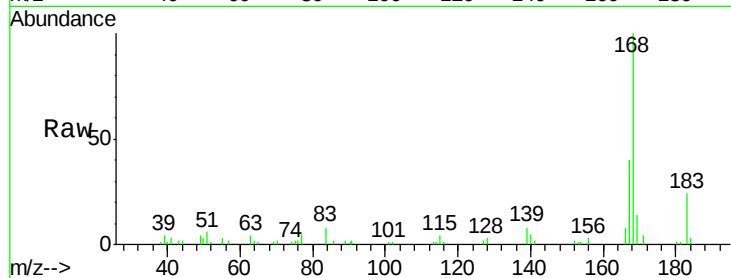




#53
 2,4-Dinitrophenol
 Concen: 5.62 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.25 min
 Lab File: BF080665.D
 Acq: 25 Jul 2015 12:16

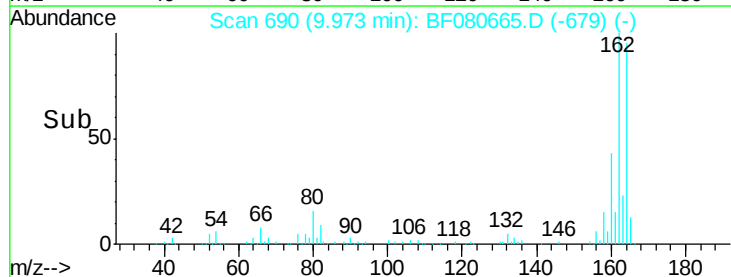
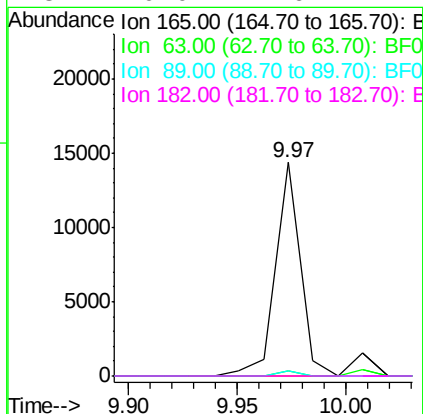
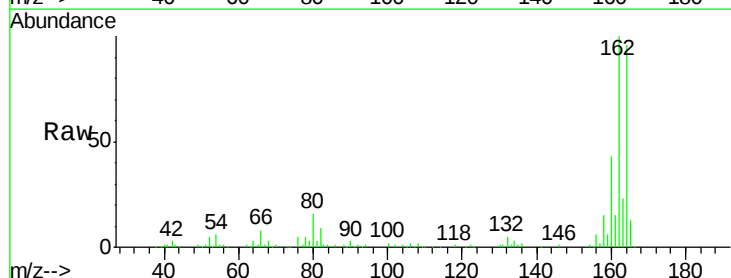
Instrument :
 BNA_F
 ClientSampleId :
 CONC2RE

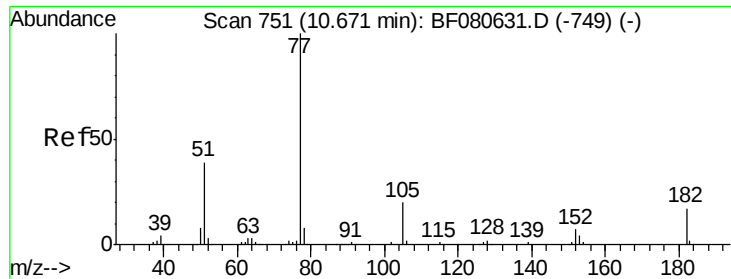
Tgt Ion:184 Resp: 482
 Ion Ratio Lower Upper
 184 100
 63 150.1 73.4 110.0#
 154 47.0 94.2 141.4#



#56
 2,4-Dinitrotoluene
 Concen: 8.18 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.17 min
 Lab File: BF080665.D
 Acq: 25 Jul 2015 12:16

Tgt Ion:165 Resp: 11552
 Ion Ratio Lower Upper
 165 100
 63 2.5 63.0 94.4#
 89 2.5 90.2 135.2#
 182 0.0 1.6 2.4#





#62

Azobenzene

Concen: 3.25 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

ClientSampleId :

CONC2RE

Tgt Ion: 77 Resp: 18481

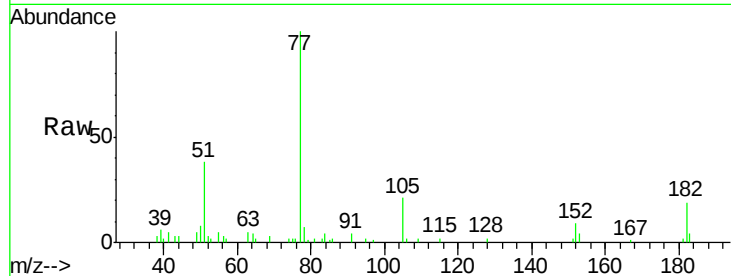
Ion Ratio Lower Upper

77 100

182 18.7 0.0 36.7

105 21.1 0.0 39.6

51 38.0 18.7 58.7

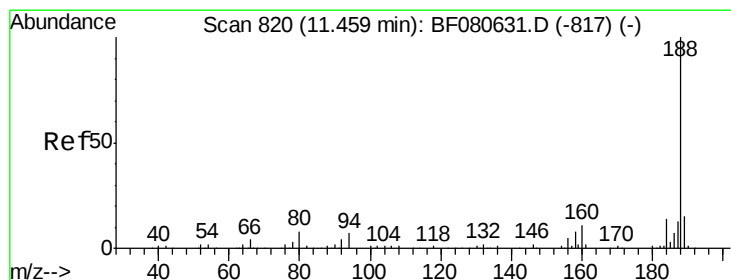
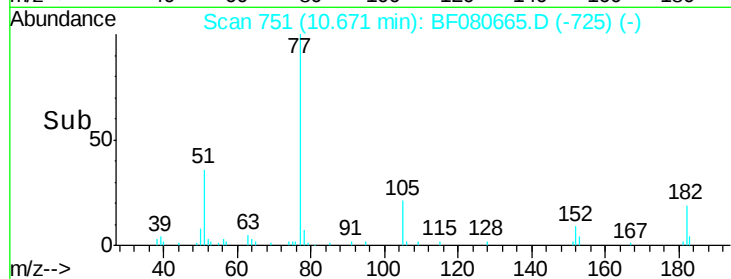
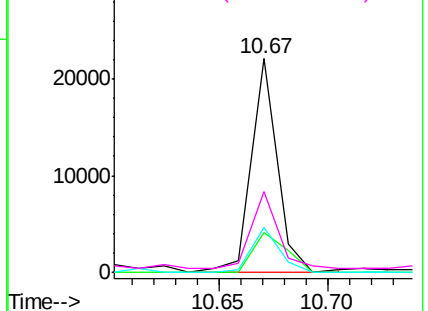


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

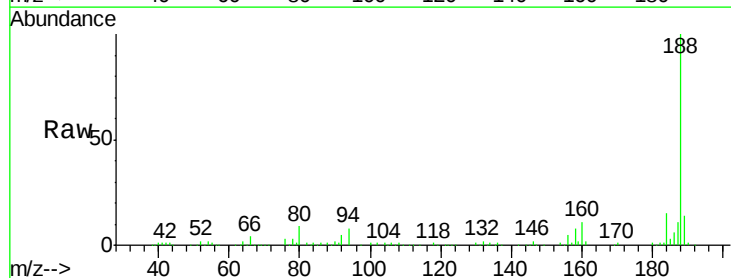
Tgt Ion: 188 Resp: 149966

Ion Ratio Lower Upper

188 100

94 8.4 5.6 8.4

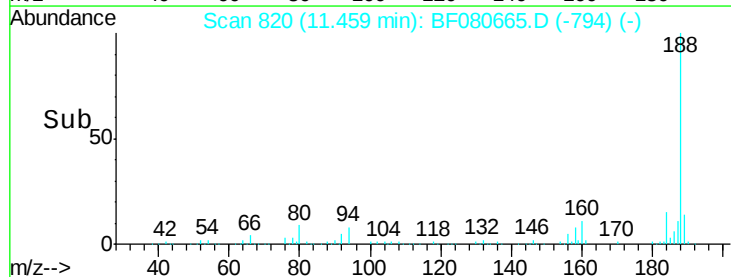
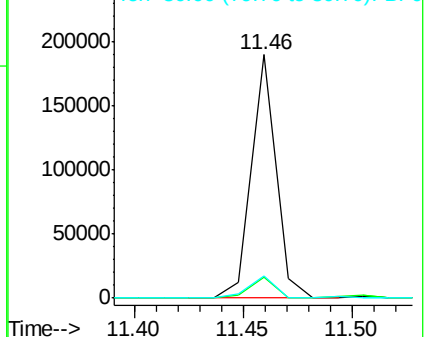
80 9.0 6.1 9.1

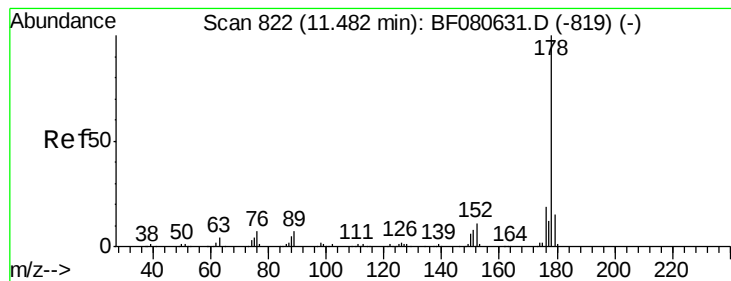


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 6.03 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

ClientSampleId :

CONC2RE

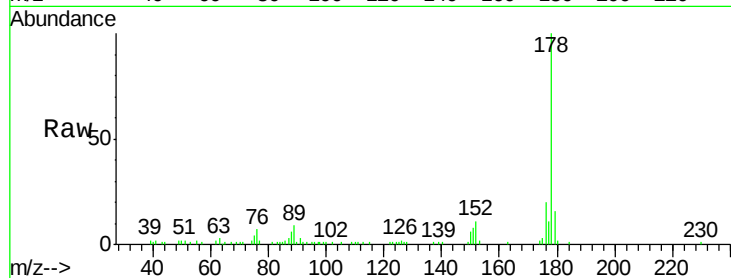
Tgt Ion:178 Resp: 49904

Ion Ratio Lower Upper

178 100

176 20.3 15.5 23.3

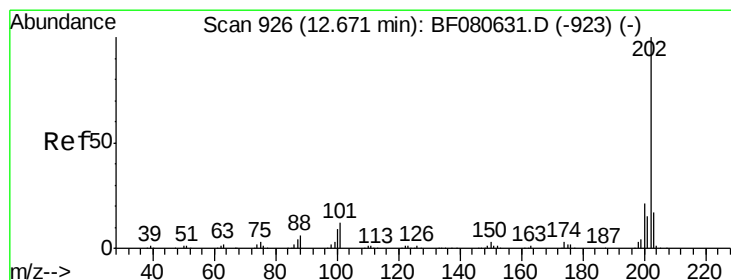
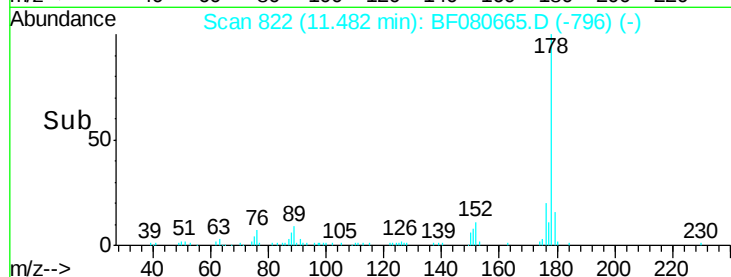
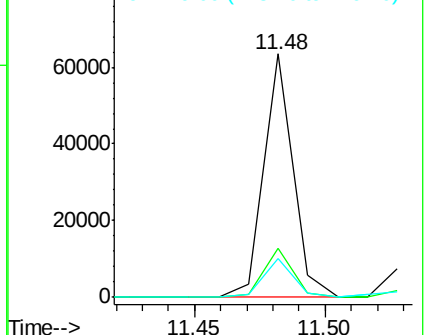
179 15.7 11.8 17.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 8.27 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.02 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

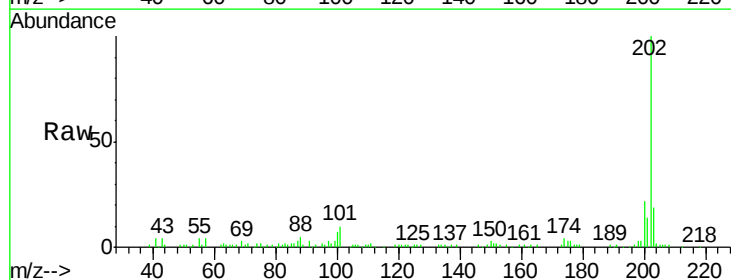
Tgt Ion:202 Resp: 66170

Ion Ratio Lower Upper

202 100

101 10.0 0.0 32.0

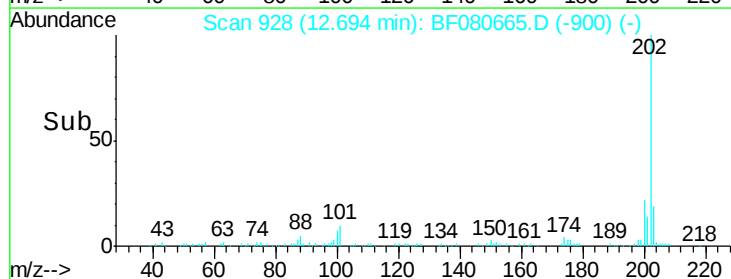
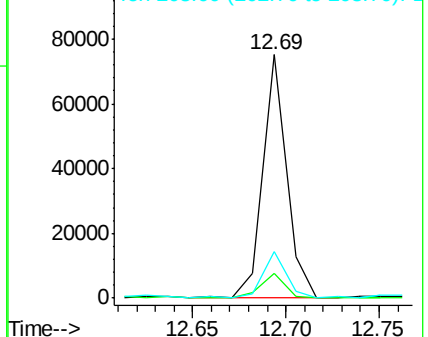
203 19.1 0.0 37.0

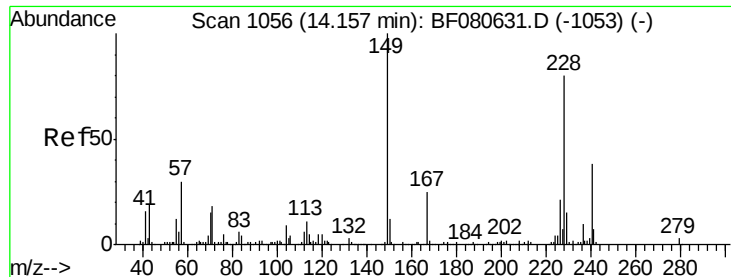


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.28 min Scan# 1067

Delta R.T. 0.13 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

ClientSampleId :

CONC2RE

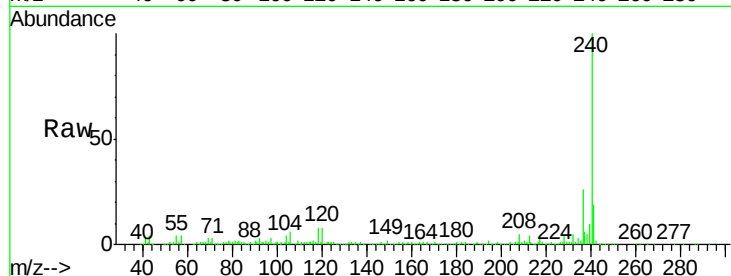
Tgt Ion:240 Resp: 213594

Ion Ratio Lower Upper

240 100

120 8.4 10.8 16.2#

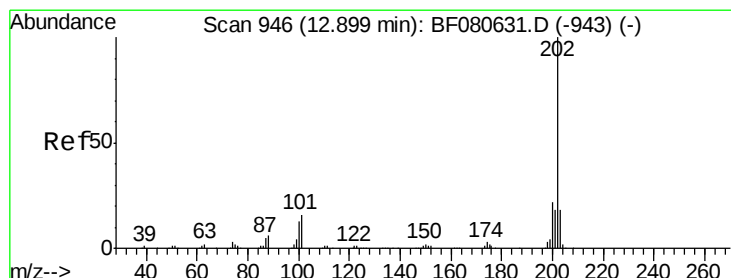
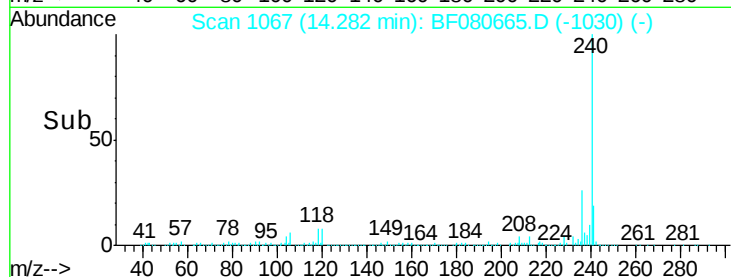
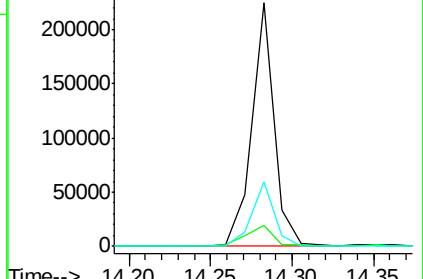
236 26.3 20.3 30.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.13 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.03 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

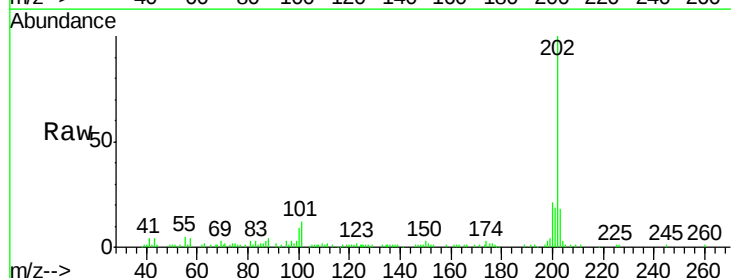
Tgt Ion:202 Resp: 68655

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.0

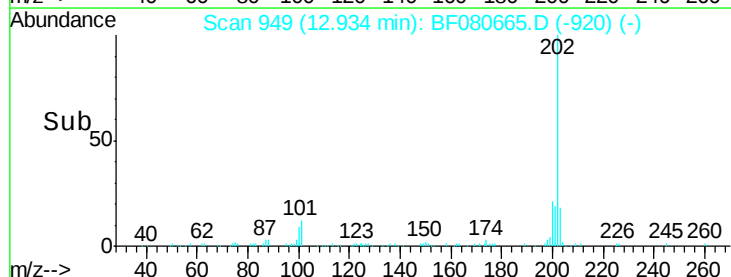
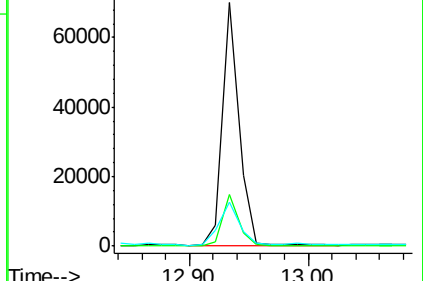
203 18.0 14.6 22.0

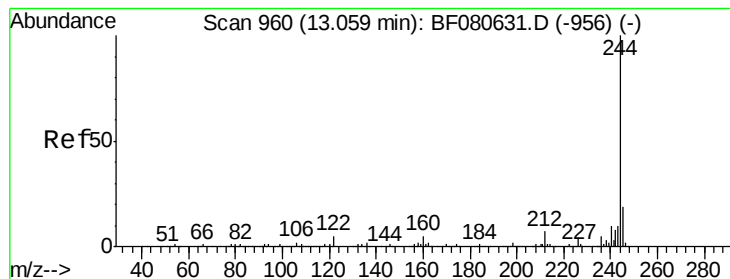


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 9.82 ng

RT: 13.09 min Scan# 963

Delta R.T. 0.03 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

ClientSampleId :

CONC2RE

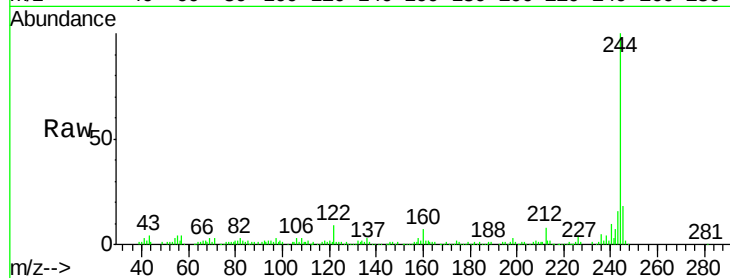
Tgt Ion:244 Resp: 97394

Ion Ratio Lower Upper

244 100

212 8.0 5.2 7.8#

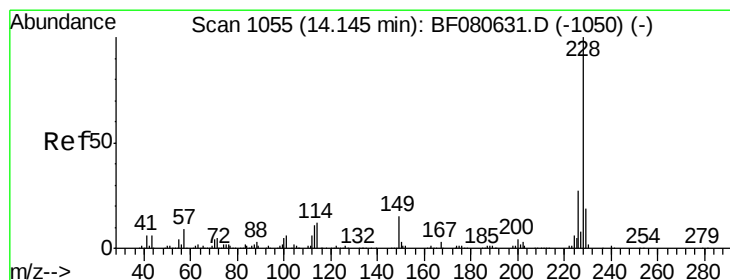
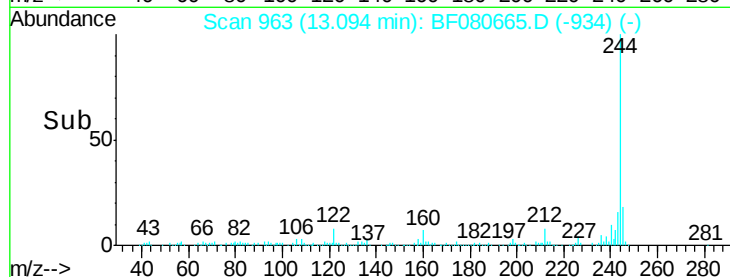
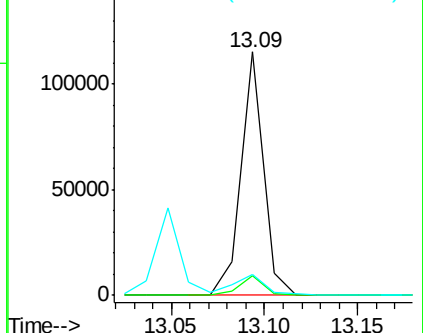
122 8.5 4.1 6.1#



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: 4.41 ng

RT: 14.27 min Scan# 1066

Delta R.T. 0.13 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

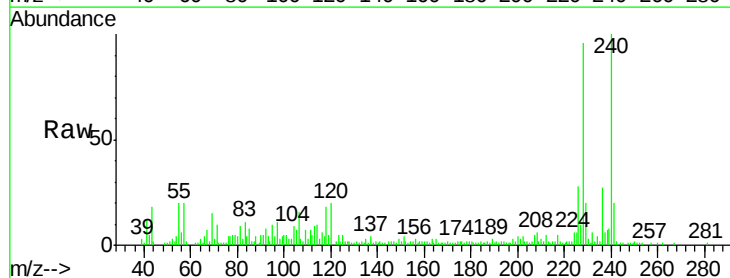
Tgt Ion:228 Resp: 55247

Ion Ratio Lower Upper

228 100

226 29.5 21.4 32.0

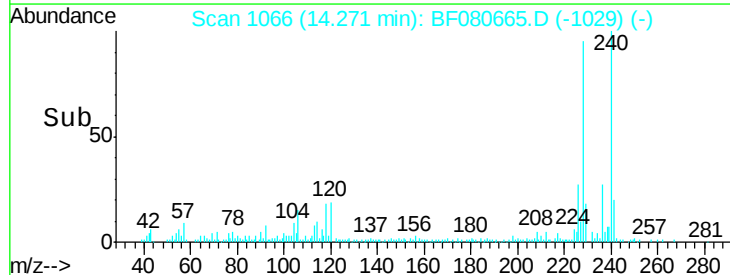
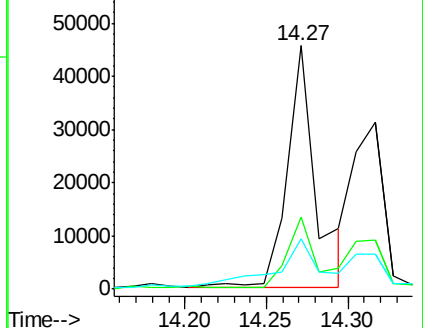
229 20.7 15.4 23.0

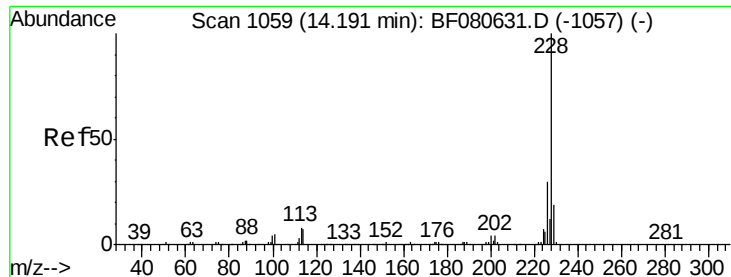


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 3.53 ng

RT: 14.32 min Scan# 1070

Delta R.T. 0.13 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

ClientSampleId :

CONC2RE

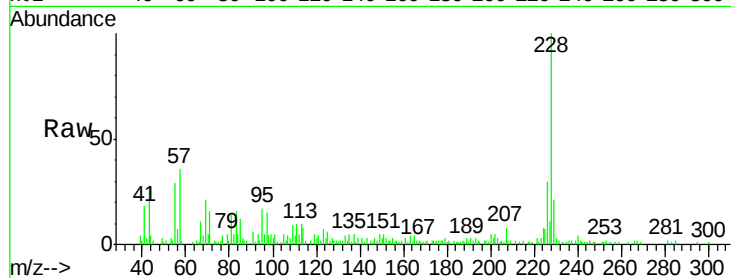
Tgt Ion:228 Resp: 41464

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.4

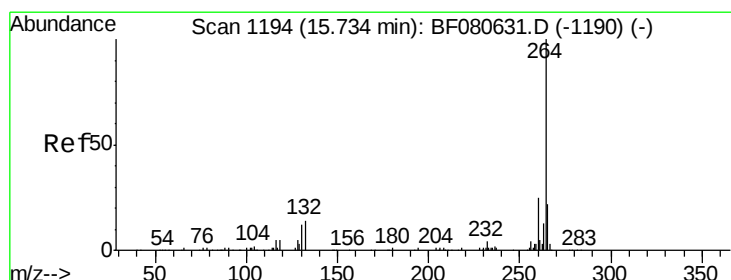
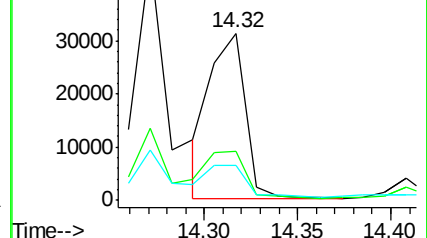
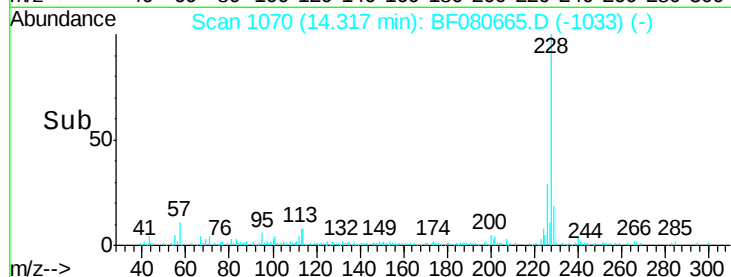
229 20.9 15.4 23.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.99 min Scan# 1216

Delta R.T. 0.25 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

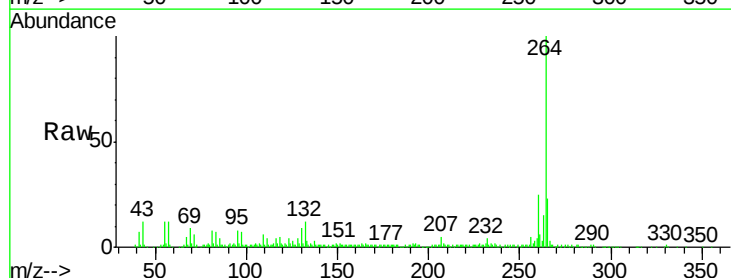
Tgt Ion:264 Resp: 216090

Ion Ratio Lower Upper

264 100

260 24.5 20.1 30.1

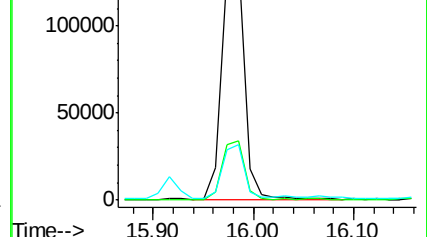
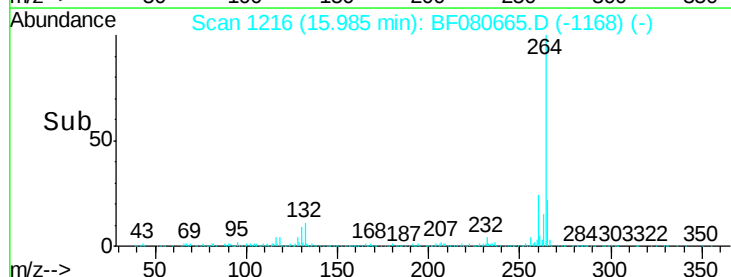
265 22.7 17.4 26.0

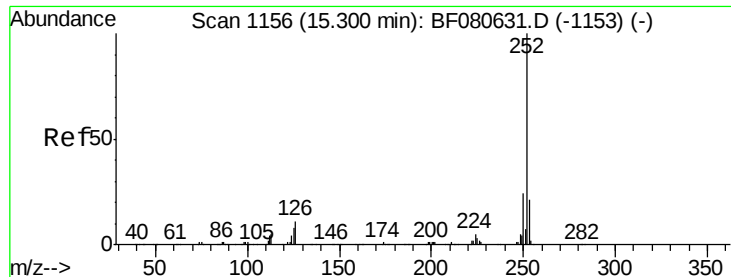


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

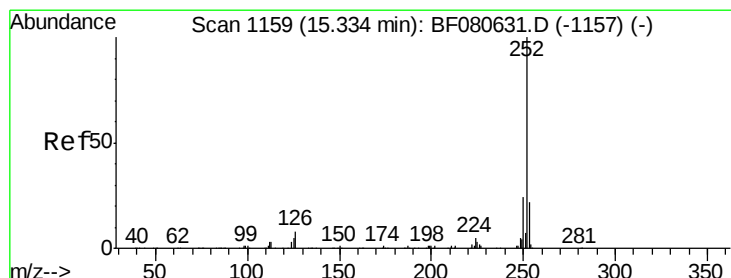
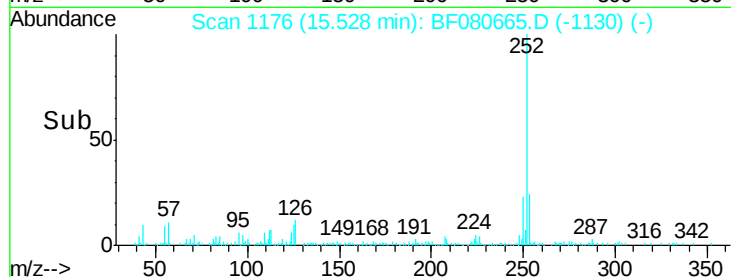
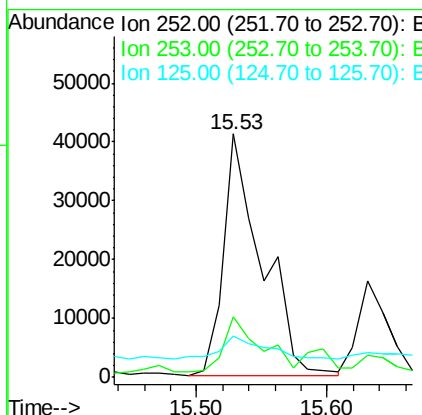
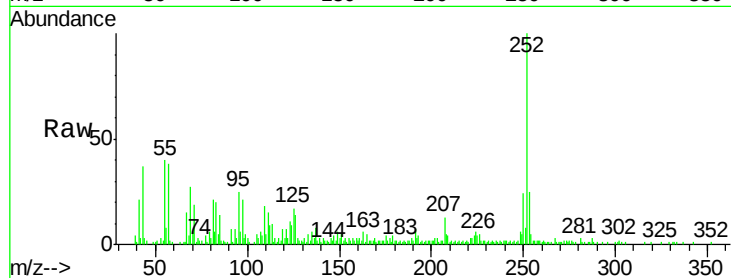




#87
Benzo(b)fluoranthene
Concen: 6.43 ng
RT: 15.53 min Scan# 1176
Delta R.T. 0.23 min
Lab File: BF080665.D
Acq: 25 Jul 2015 12:16

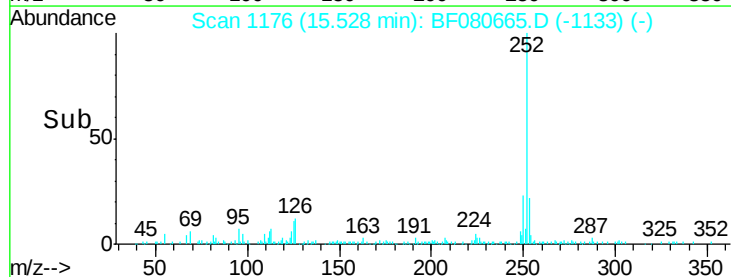
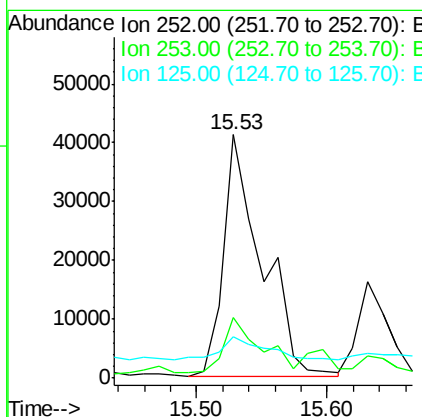
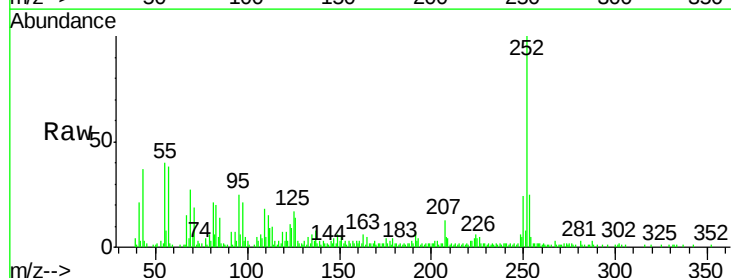
Instrument :
BNA_F
ClientSampled :
CONC2RE

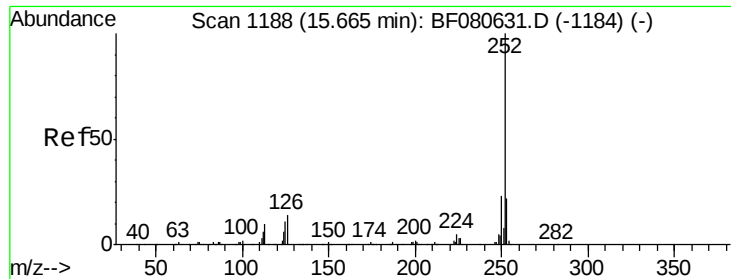
Tgt Ion:252 Resp: 84163
Ion Ratio Lower Upper
252 100
253 24.8 17.1 25.7
125 16.8 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 7.18 ng
RT: 15.53 min Scan# 1176
Delta R.T. 0.19 min
Lab File: BF080665.D
Acq: 25 Jul 2015 12:16

Tgt Ion:252 Resp: 84163
Ion Ratio Lower Upper
252 100
253 24.8 17.0 25.6
125 16.8 4.6 6.8#





#89

Benzo(a)pyrene

Concen: 3.81 ng

RT: 15.92 min Scan# 1210

Delta R.T. 0.25 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

ClientSampleId :

CONC2RE

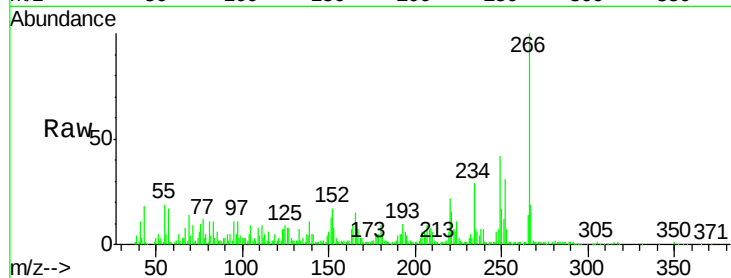
Tgt Ion:252 Resp: 44854

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

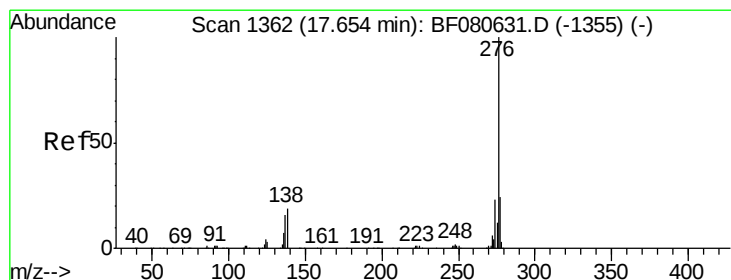
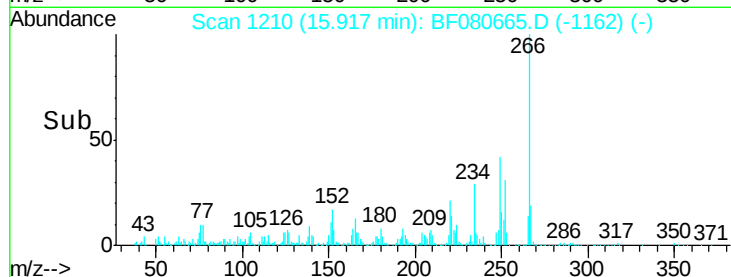
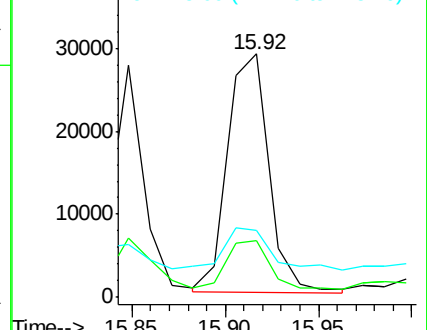
125 27.5 9.1 13.7#



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



#91

Benzo(g,h,i)perylene

Concen: 2.27 ng

RT: 17.93 min Scan# 1386

Delta R.T. 0.27 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

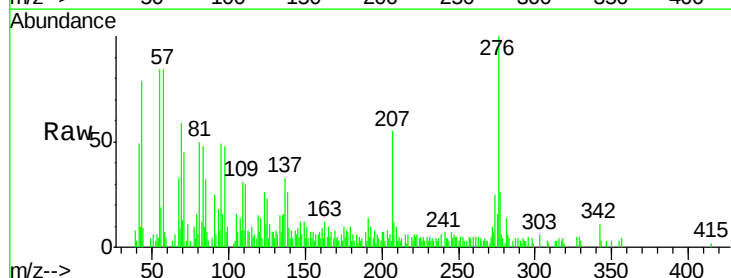
Tgt Ion:276 Resp: 28653

Ion Ratio Lower Upper

276 100

277 26.4 19.0 28.4

138 26.0 14.8 22.2#



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

