

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
 Data File : BF091648.D
 Acq On : 16 Dec 2016 00:23
 Operator : UM/SJ
 Sample : H6007-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6-0-5

Quant Time: Dec 16 01:31:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	254723	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1024292	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	472709	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	617428	20.00	ng	0.00
75) Chrysene-d12	13.95	240	456951	20.00	ng	0.01
86) Perylene-d12	15.36	264	347456	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1586017	104.90	ng	0.01
7) Phenol-d6	6.43	99	1961375	104.06	ng	0.00
23) Nitrobenzene-d5	7.36	82	1453922	79.22	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	364778	92.91	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1750302	63.98	ng	0.00
78) Terphenyl-d14	12.90	244	1538851	76.42	ng	0.00

Target Compounds

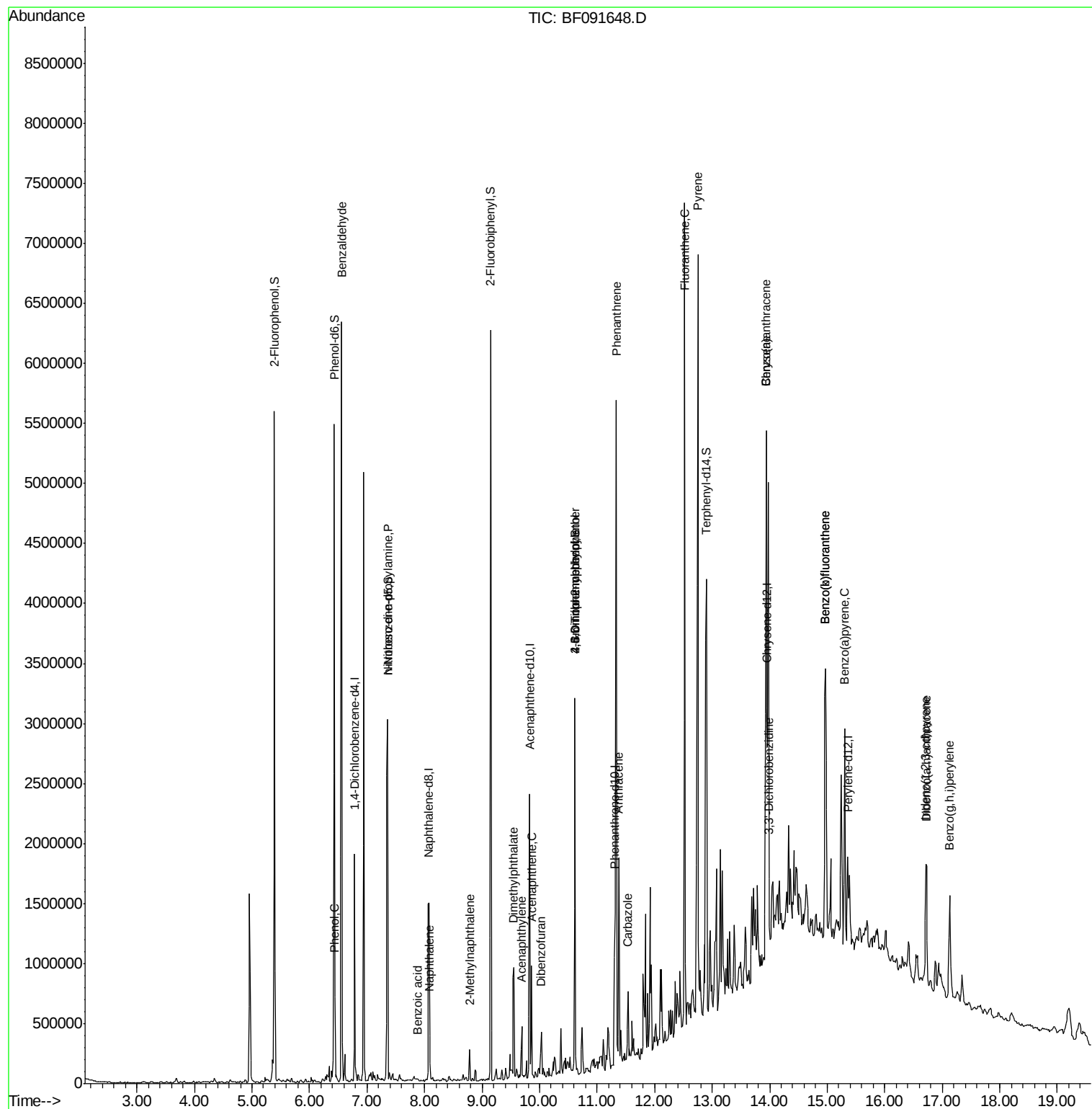
						Qvalue
9) Benzaldehyde	6.56	77	43136	3.33	ng	83
10) Phenol	6.44	94	129041	5.86	ng	82
19) n-Nitroso-di-n-propylamine	7.36	70	198690	16.86	ng	# 59
20) 3+4-Methylphenols	7.21	107	5941	Below	Cal	90
31) Naphthalene	8.09	128	169079	3.55	ng	98
32) Benzoic acid	7.87	122	2637	5.12	ng	# 13
37) 2-Methylnaphthalene	8.78	142	66045	2.14	ng	98
48) Acenaphthylene	9.69	152	220729	5.46	ng	99
49) Dimethylphthalate	9.55	163	555715	18.57	ng	99
51) Acenaphthene	9.86	154	233236	8.31	ng	97
54) Dibenzofuran	10.03	168	144154	4.15	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	998	3.19	ng	# 1
66) 4-Bromophenyl-phenylether	10.61	248	24927	3.94	ng	# 1
70) Phenanthrene	11.33	178	2101493	68.73	ng	98
71) Anthracene	11.38	178	629872	19.10	ng	99
72) Carbazole	11.54	167	259227	8.97	ng	97
74) Fluoranthene	12.52	202	2880408	89.97	ng	94
77) Pyrene	12.75	202	2881925	79.50	ng	97
80) Benzo(a)anthracene	13.94	228	1762916	66.43	ng	96
81) 3,3'-Dichlorobenzidine	13.99	252	20295	2.13	ng	# 1
82) Chrysene	13.94	228	1762916	63.50	ng	98
85) Indeno(1,2,3-cd)pyrene	16.72	276	765097	30.62	ng	95
87) Benzo(b)fluoranthene	14.97	252	2084991	100.66	ng	98
88) Benzo(k)fluoranthene	14.97	252	2084991	114.48	ng	98
89) Benzo(a)pyrene	15.30	252	1086863	58.25	ng	98
90) Dibenzo(a,h)anthracene	16.73	278	191668	11.47	ng	92
91) Benzo(g,h,i)perylene	17.13	276	722398	42.46	ng	# 94

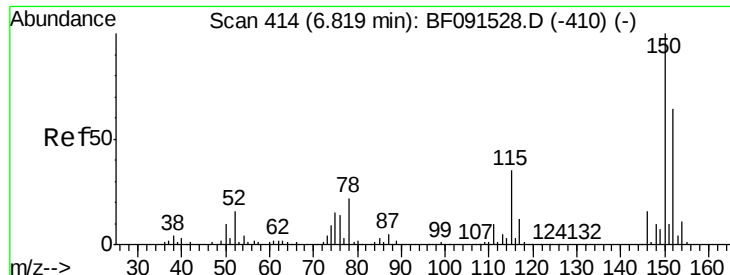
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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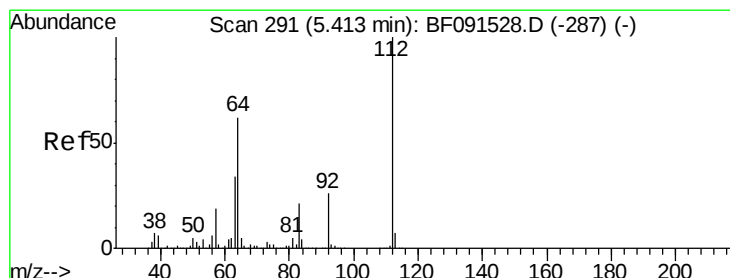
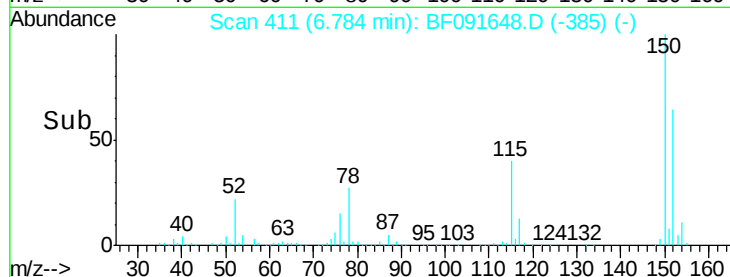
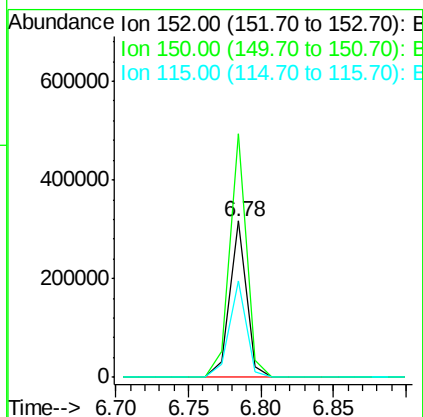
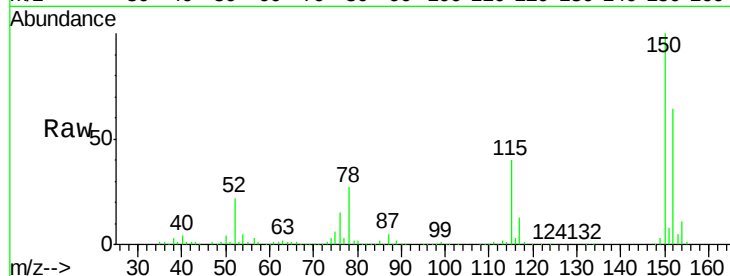




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF091648.D
 Acq: 16 Dec 2016 00:23

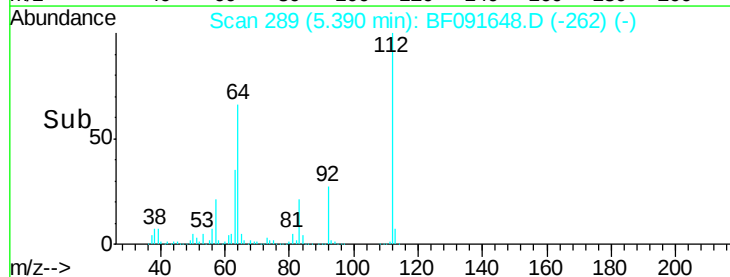
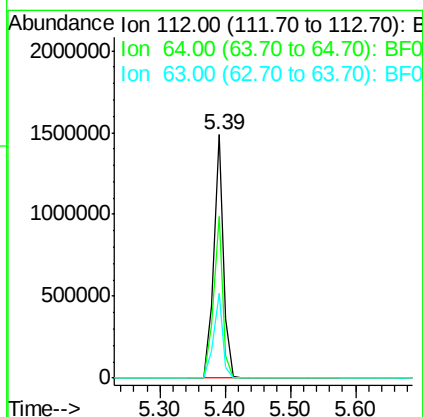
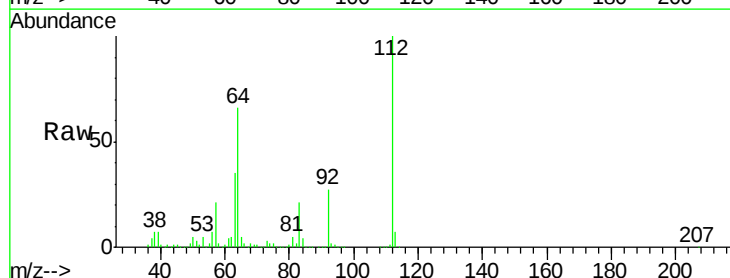
Instrument :
 BNA_F
 ClientSampleId :
 WC-6-0-5

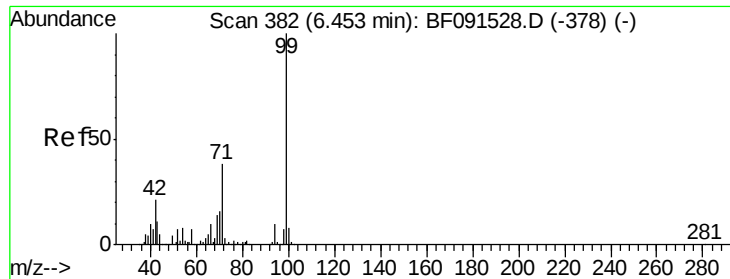
Tgt Ion:152 Resp: 254723
 Ion Ratio Lower Upper
 152 100
 150 155.8 122.5 183.7
 115 62.1 51.8 77.8



#5
 2-Fluorophenol
 Concen: 104.90 ng
 RT: 5.39 min Scan# 289
 Delta R.T. 0.01 min
 Lab File: BF091648.D
 Acq: 16 Dec 2016 00:23

Tgt Ion:112 Resp: 1586017
 Ion Ratio Lower Upper
 112 100
 64 66.2 61.5 92.3
 63 35.1 33.3 49.9





#7

Phenol-d6

Concen: 104.06 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Instrument :

BNA_F

ClientSampleId :

WC-6-0-5

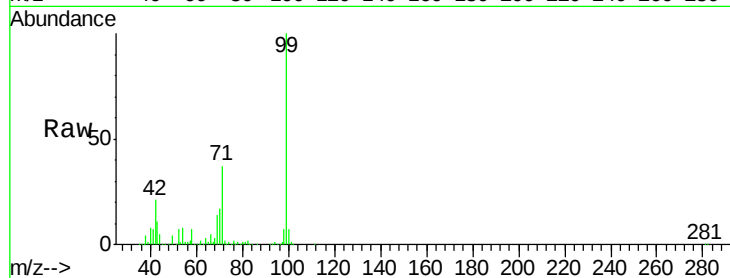
Tgt Ion: 99 Resp: 1961375

Ion Ratio Lower Upper

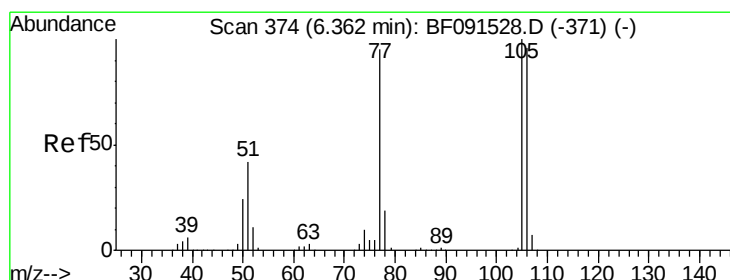
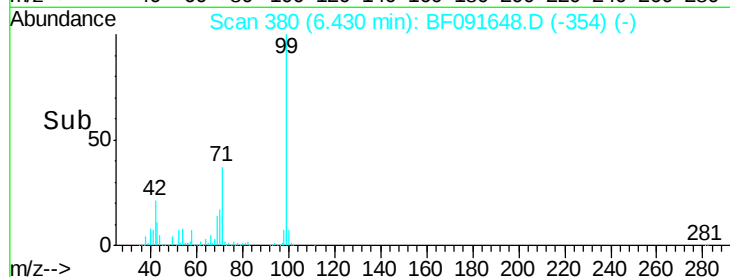
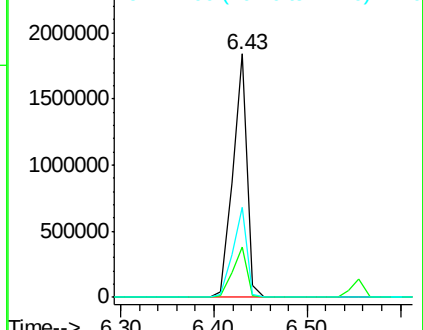
99 100

42 20.9 20.6 31.0

71 37.2 29.9 44.9



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: 3.33 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.23 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

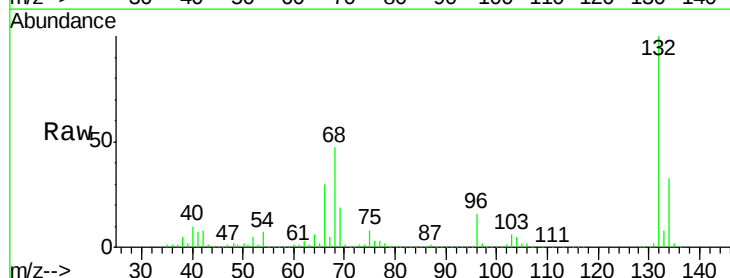
Tgt Ion: 77 Resp: 43136

Ion Ratio Lower Upper

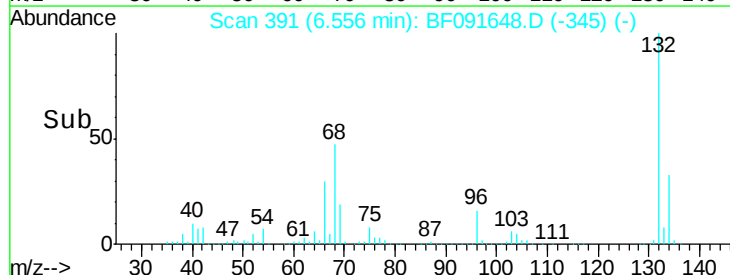
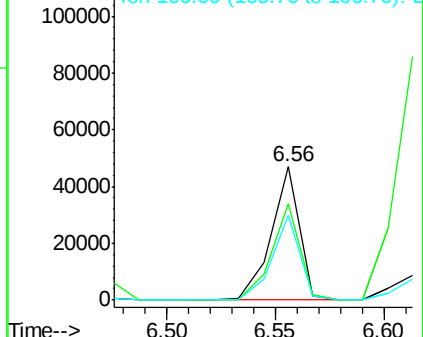
77 100

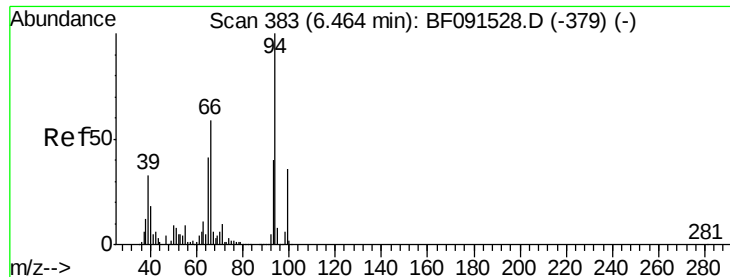
105 72.5 66.4 106.4

106 63.4 60.9 100.9



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: 5.86 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Instrument :

BNA_F

ClientSampleId :

WC-6-0-5

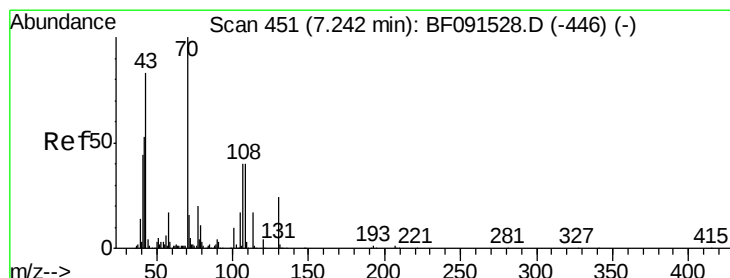
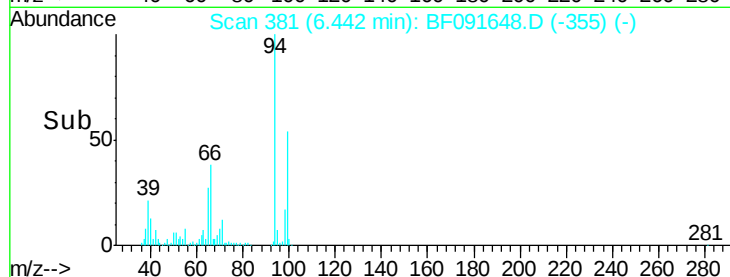
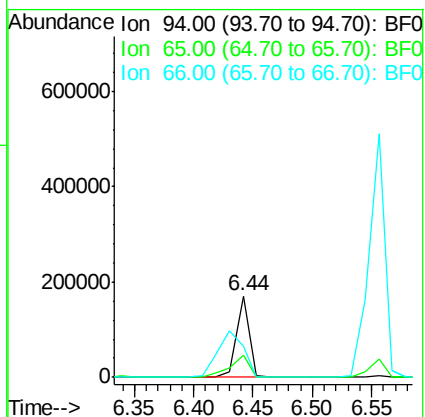
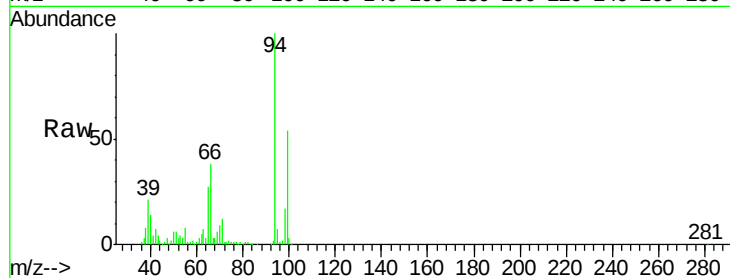
Tgt Ion: 94 Resp: 129041

Ion Ratio Lower Upper

94 100

65 26.8 16.9 56.9

66 37.8 30.6 70.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.86 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Tgt Ion: 70 Resp: 198690

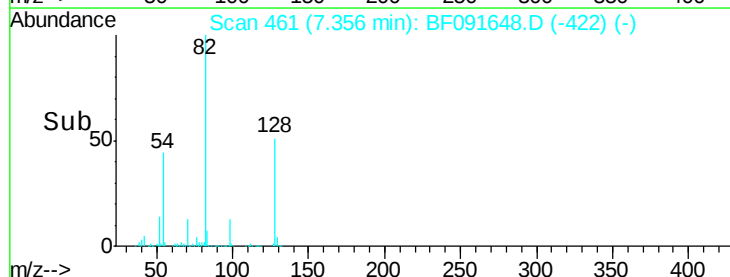
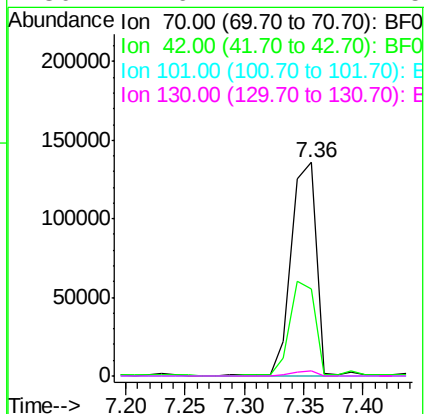
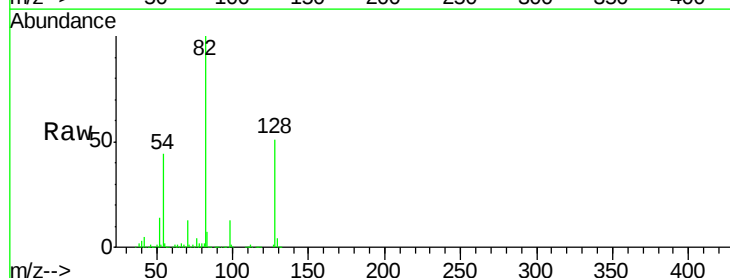
Ion Ratio Lower Upper

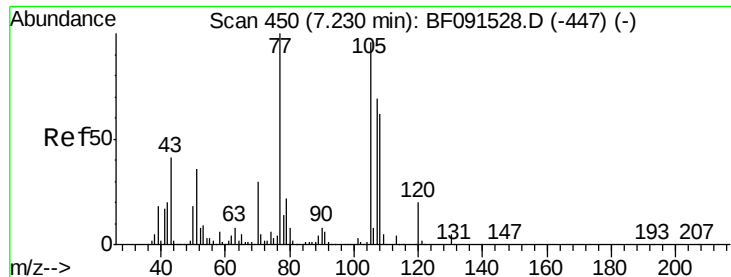
70 100

42 41.1 64.8 97.2#

101 0.0 6.2 9.4#

130 2.6 11.7 17.5#

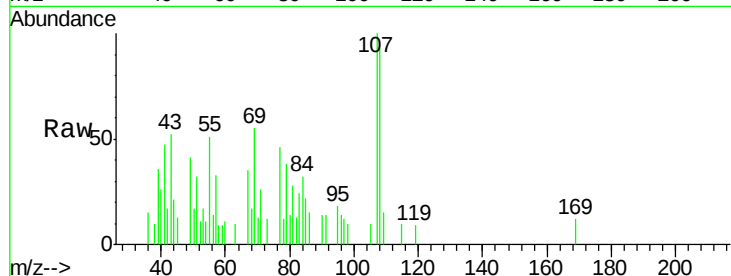




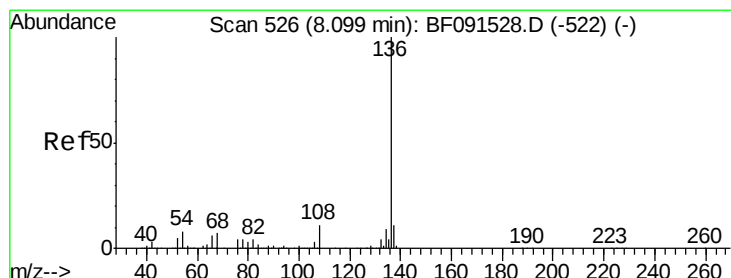
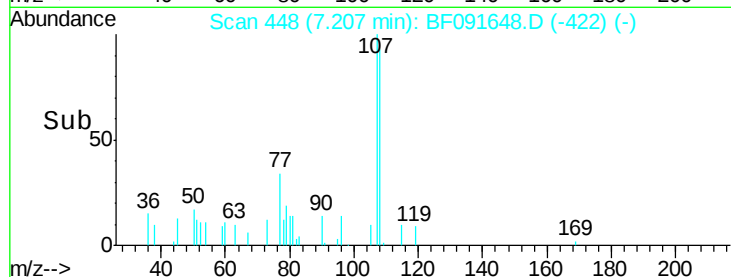
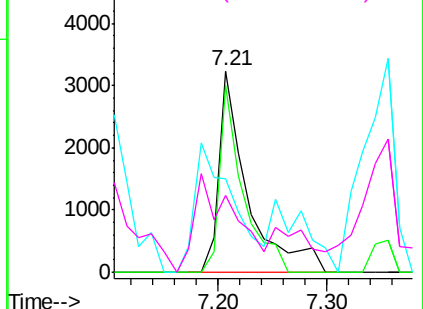
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF091648.D
Acq: 16 Dec 2016 00:23

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5

Tgt Ion:	107	Resp:	5941
Ion	Ratio	Lower	Upper
107	100		
108	92.7	64.6	104.6
77	46.3	30.9	70.9
79	38.2	9.3	49.3

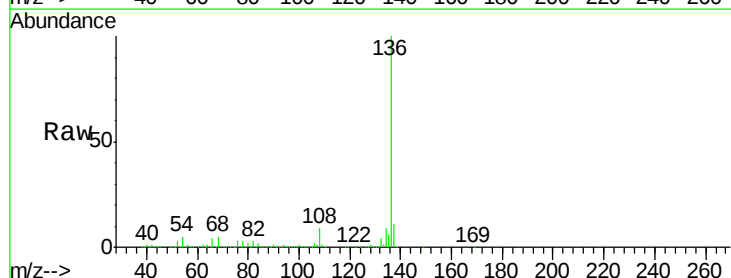


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

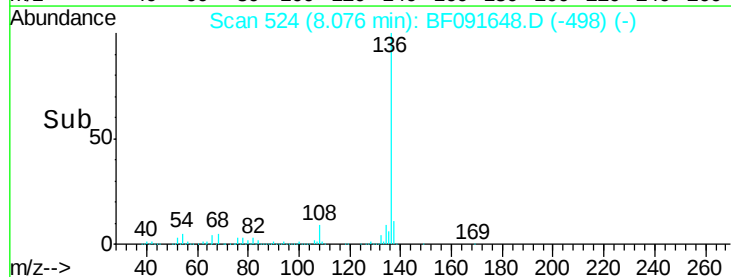
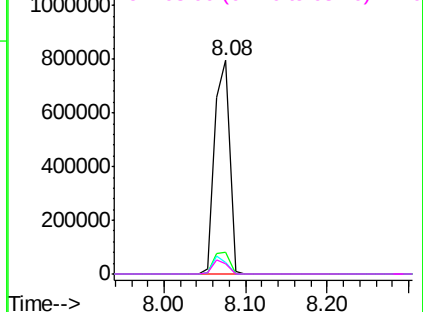


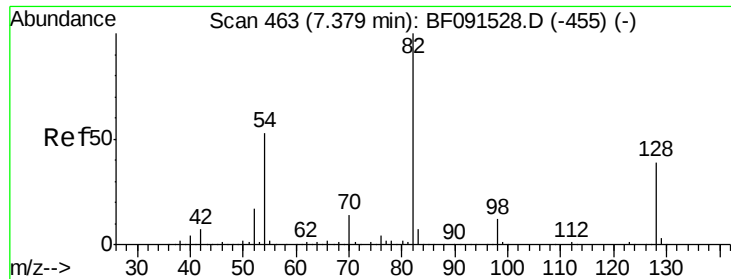
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF091648.D
Acq: 16 Dec 2016 00:23

Tgt Ion:	136	Resp:	1024292
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.3	9.1	13.7#
68	4.6	5.9	8.9#



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

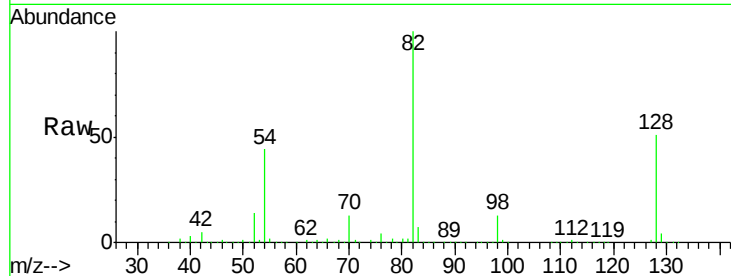




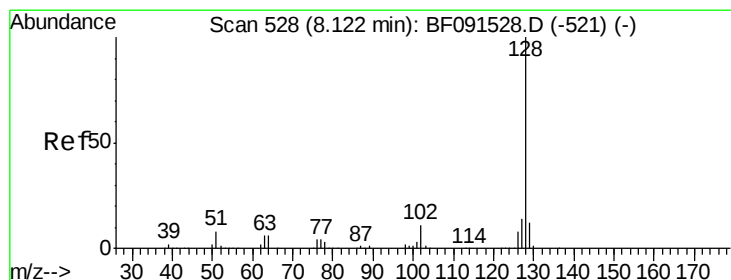
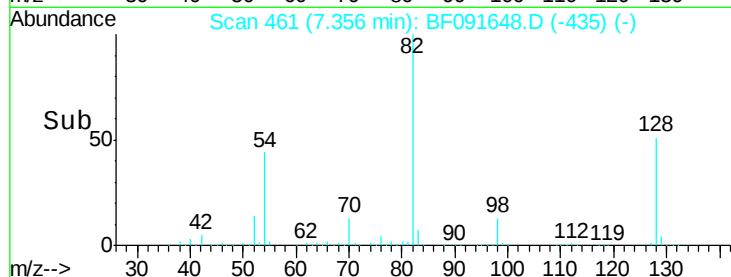
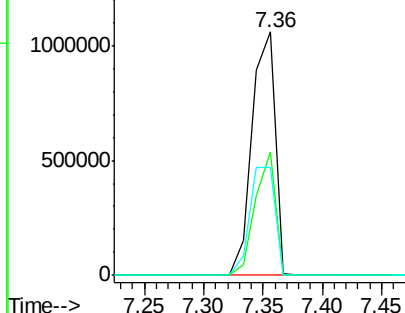
#23
Nitrobenzene-d5
Concen: 79.22 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF091648.D
Acq: 16 Dec 2016 00:23

Instrument :
BNA_F
ClientSampleId :
WC-6-0-5

Tgt Ion: 82 Resp: 1453922
Ion Ratio Lower Upper
82 100
128 50.8 31.8 47.6#
54 44.3 49.1 73.7#

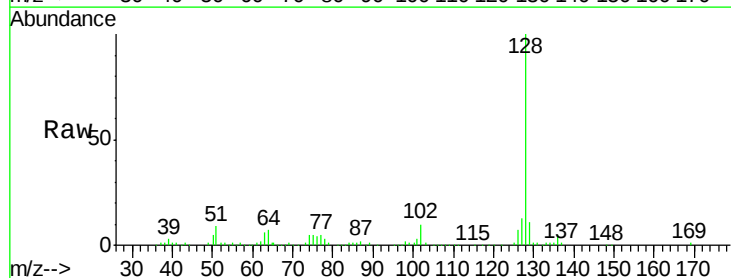


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

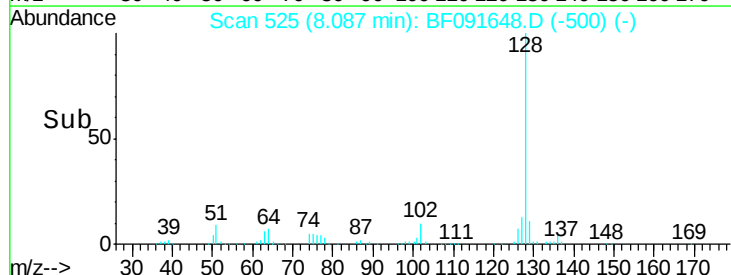
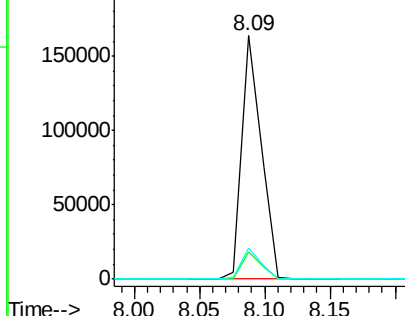


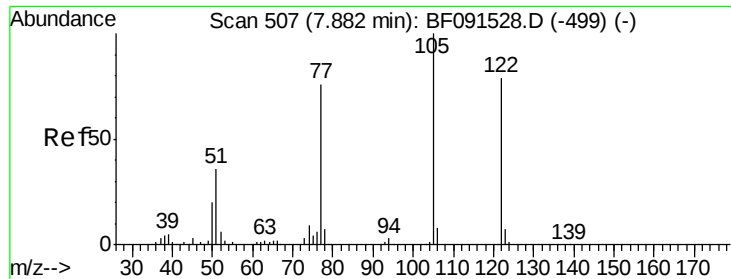
#31
Naphthalene
Concen: 3.55 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF091648.D
Acq: 16 Dec 2016 00:23

Tgt Ion: 128 Resp: 169079
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 12.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

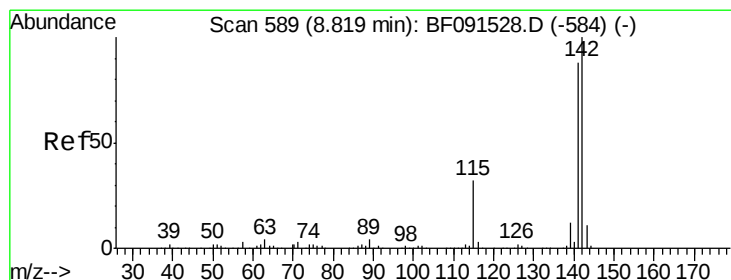
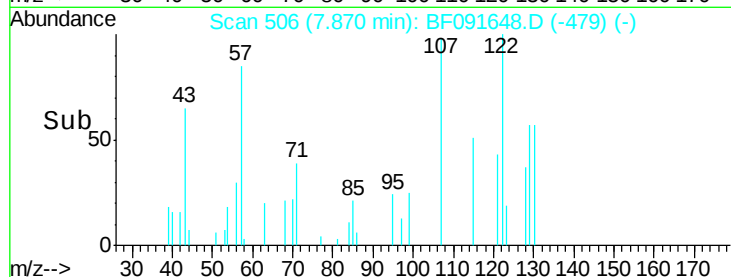
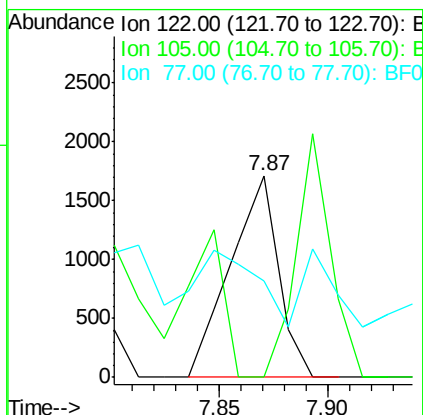
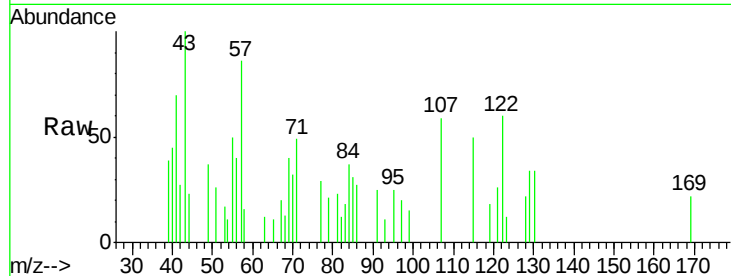




#32
Benzoic acid
Concen: 5.12 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.01 min
Lab File: BF091648.D
Acq: 16 Dec 2016 00:23

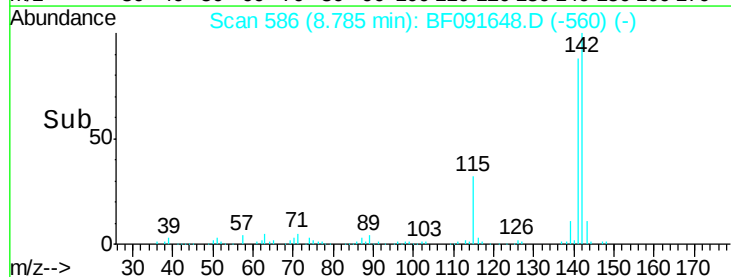
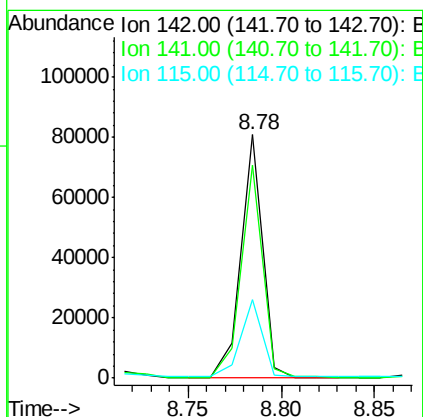
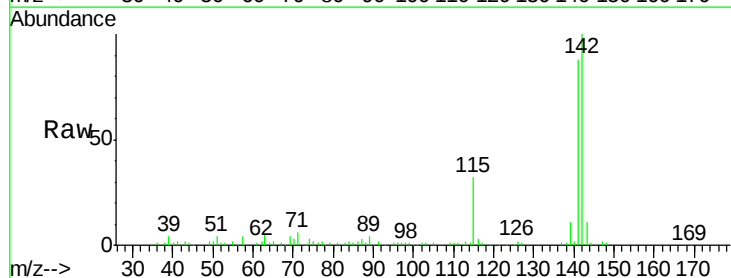
Instrument :
BNA_F
ClientSampleId :
WC-6-0-5

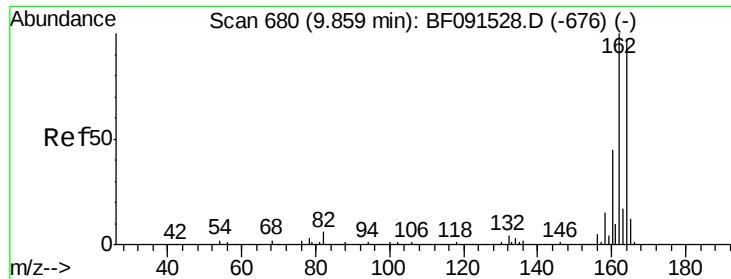
Tgt Ion:122 Resp: 2637
Ion Ratio Lower Upper
122 100
105 0.0 113.0 153.0#
77 48.1 82.0 122.0#



#37
2-Methylnaphthalene
Concen: 2.14 ng
RT: 8.78 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF091648.D
Acq: 16 Dec 2016 00:23

Tgt Ion:142 Resp: 66045
Ion Ratio Lower Upper
142 100
141 87.5 71.7 107.5
115 32.3 25.0 37.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Instrument :

BNA_F

ClientSampleId :

WC-6-0-5

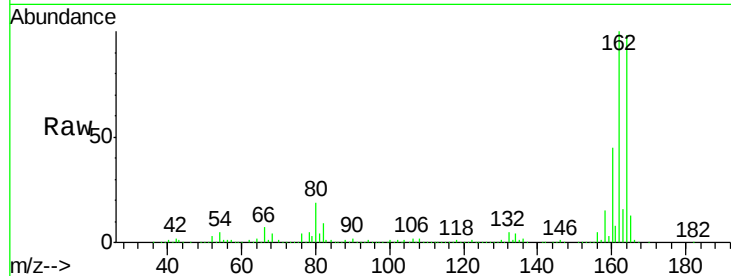
Tgt Ion:164 Resp: 472709

Ion Ratio Lower Upper

164 100

162 101.6 82.6 124.0

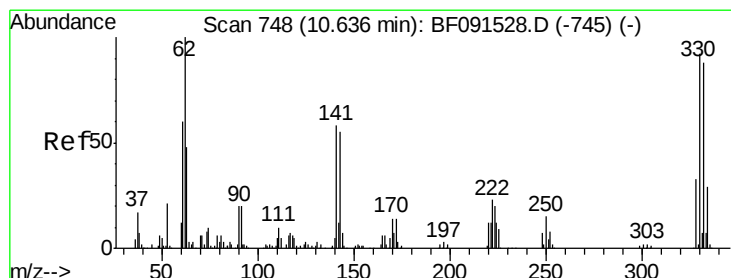
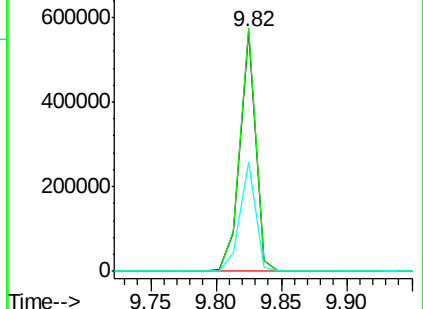
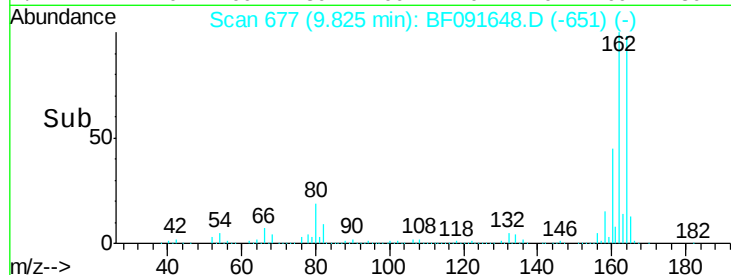
160 45.8 36.7 55.1



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: 92.91 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

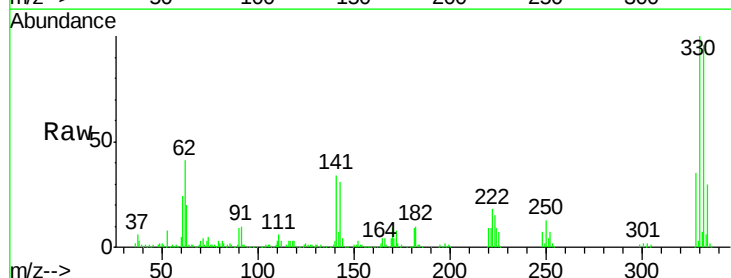
Tgt Ion:330 Resp: 364778

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

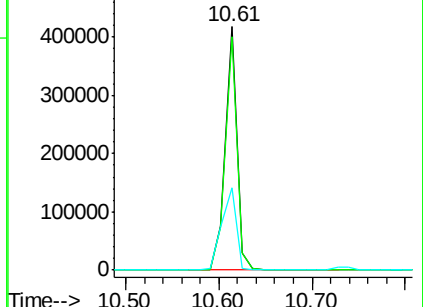
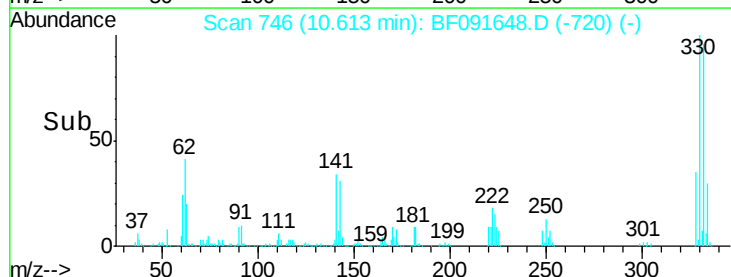
141 41.8 33.6 50.4

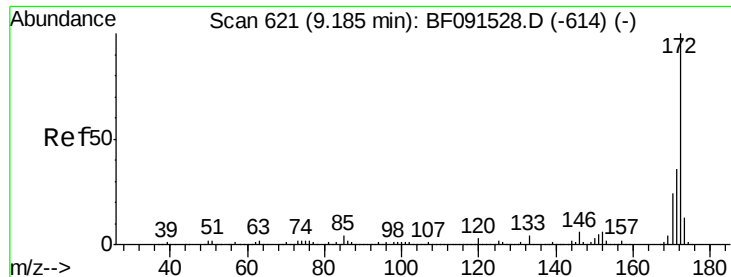


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

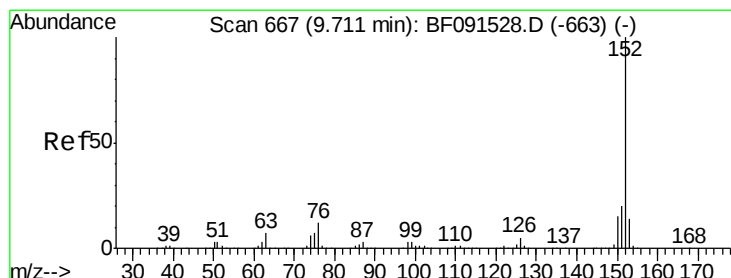
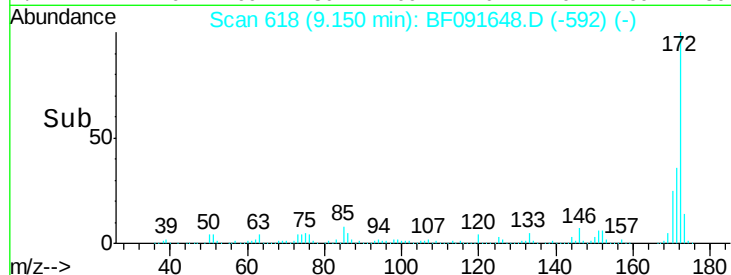
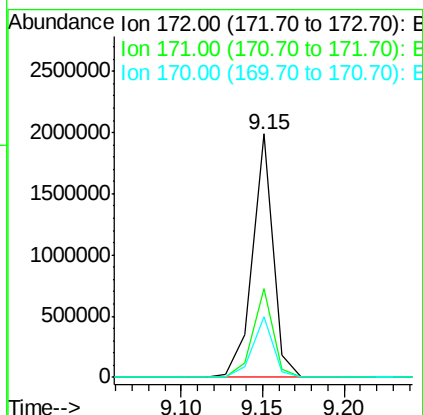
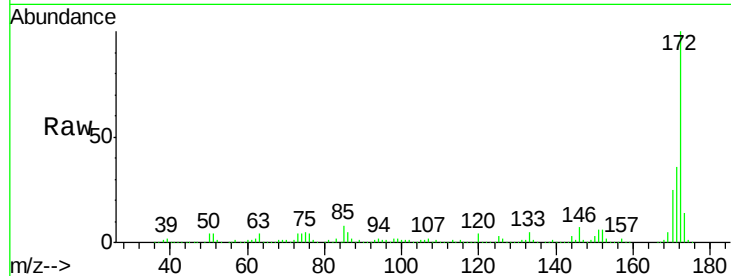




#44
 2-Fluorobiphenyl
 Concen: 63.98 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF091648.D
 Acq: 16 Dec 2016 00:23

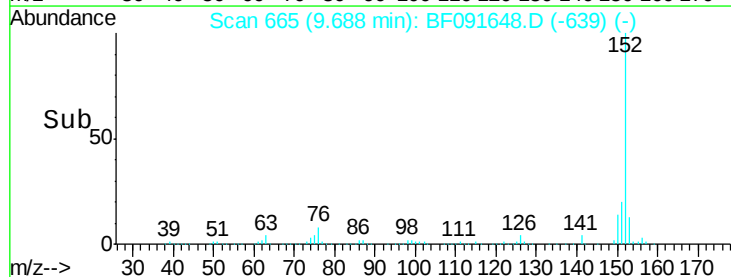
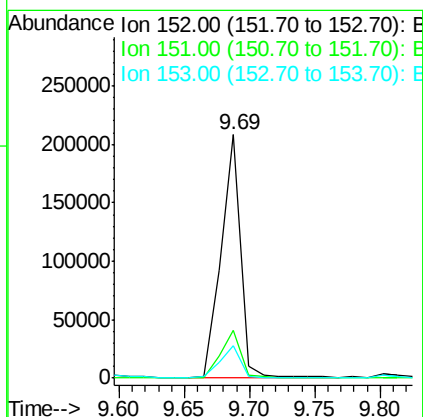
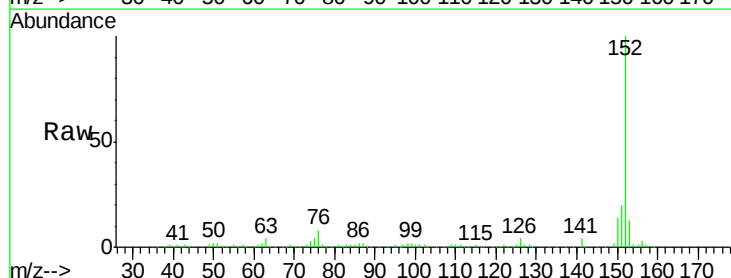
Instrument :
 BNA_F
 ClientSampleId :
 WC-6-0-5

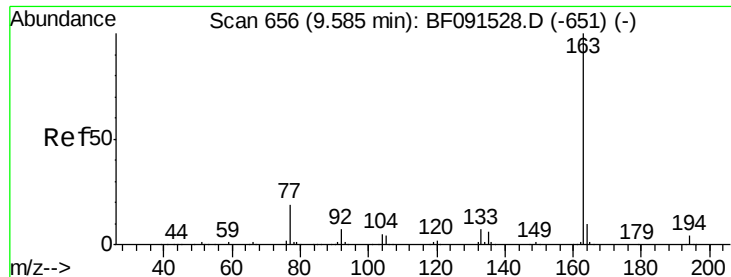
Tgt Ion:172 Resp: 1750302
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.7 19.7 29.5



#48
 Acenaphthylene
 Concen: 5.46 ng
 RT: 9.69 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF091648.D
 Acq: 16 Dec 2016 00:23

Tgt Ion:152 Resp: 220729
 Ion Ratio Lower Upper
 152 100
 151 19.6 16.6 24.8
 153 13.5 10.7 16.1

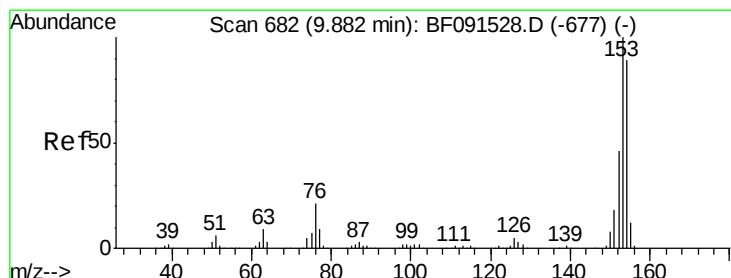
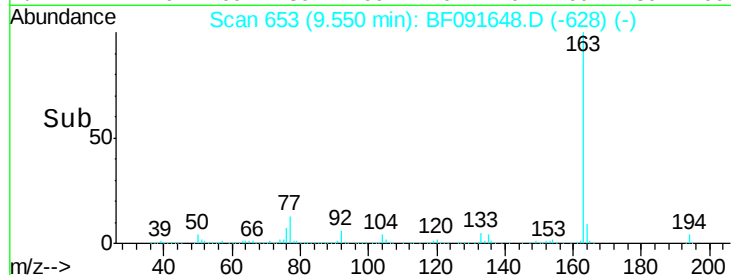
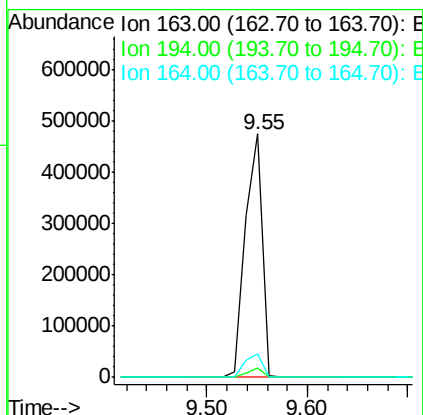
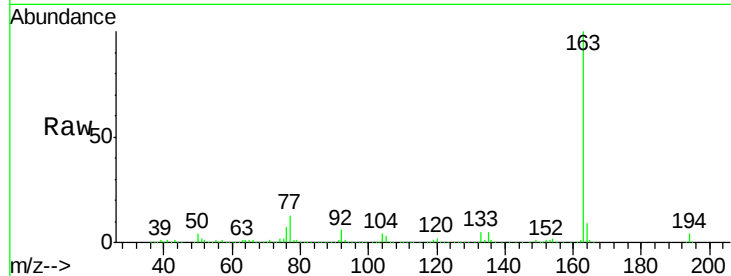




#49
Dimethylphthalate
Concen: 18.57 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF091648.D
Acq: 16 Dec 2016 00:23

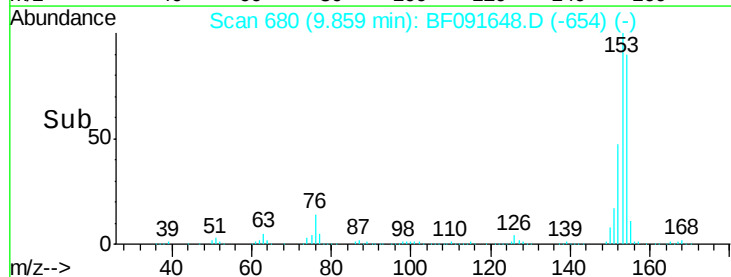
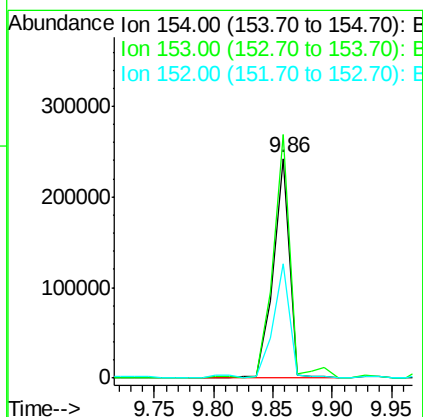
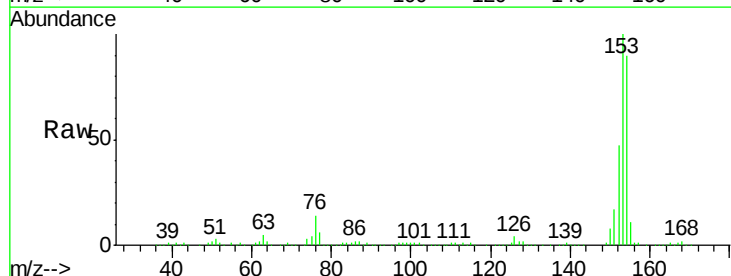
Instrument :
BNA_F
ClientSampleId :
WC-6-0-5

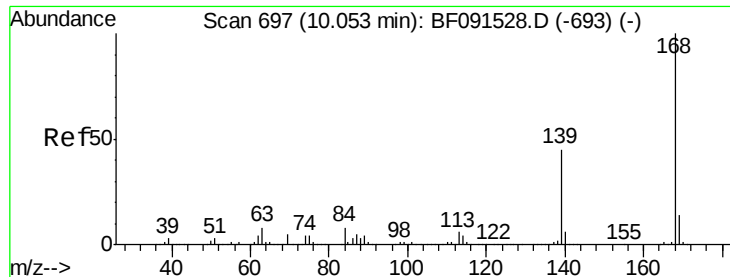
Tgt Ion:163 Resp: 555715
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.5 7.8 11.8



#51
Acenaphthene
Concen: 8.31 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF091648.D
Acq: 16 Dec 2016 00:23

Tgt Ion:154 Resp: 233236
Ion Ratio Lower Upper
154 100
153 110.8 91.0 136.6
152 51.9 44.2 66.2





#54

Dibenzenofuran

Concen: 4.15 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Instrument :

BNA_F

ClientSampleId :

WC-6-0-5

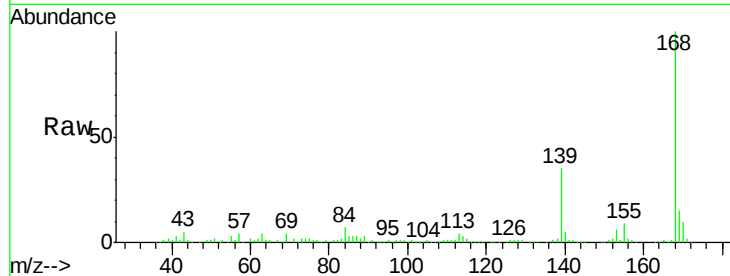
Tgt Ion:168 Resp: 144154

Ion Ratio Lower Upper

168 100

139 35.4 33.4 50.2

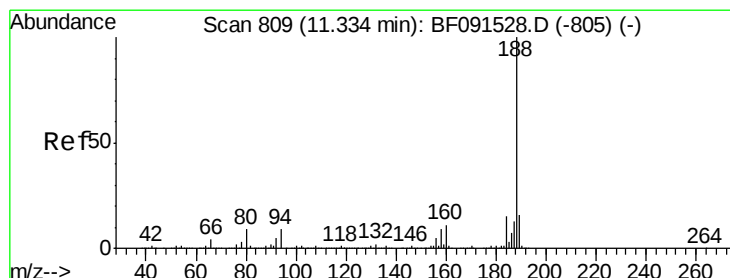
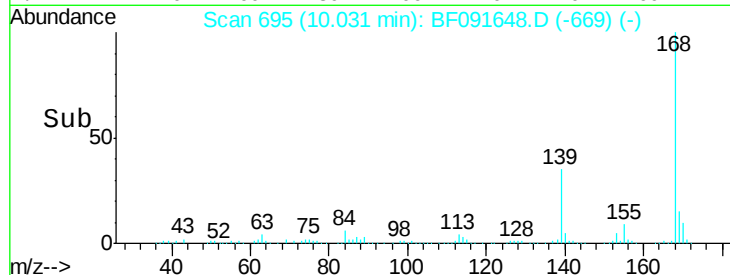
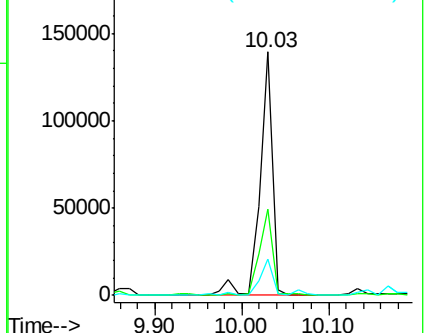
169 15.0 11.1 16.7



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

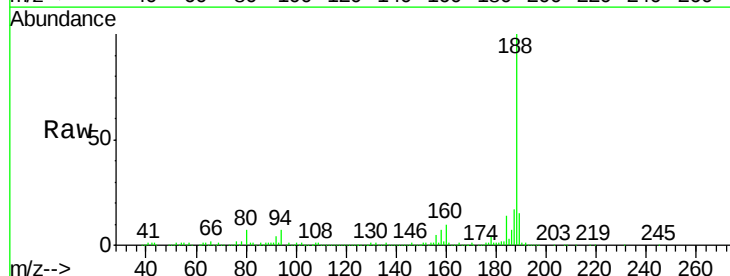
Tgt Ion:188 Resp: 617428

Ion Ratio Lower Upper

188 100

94 7.3 9.2 13.8#

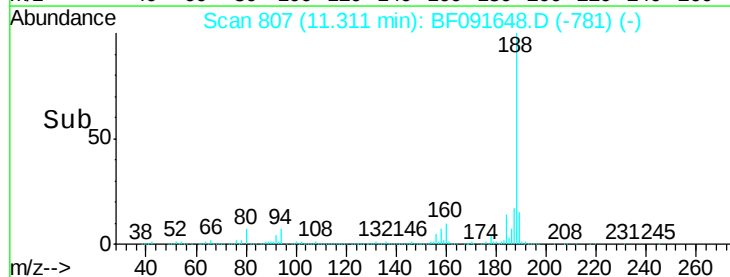
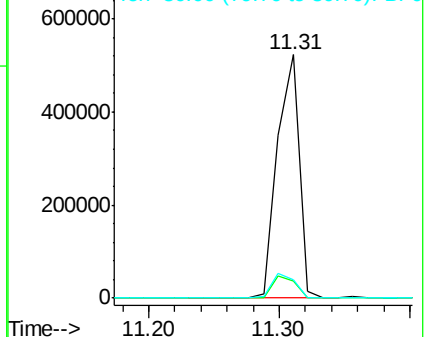
80 7.4 10.5 15.7#

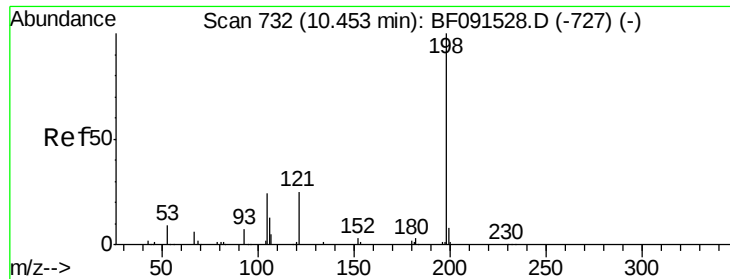


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 3.19 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.18 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Instrument :

BNA_F

ClientSampleId :

WC-6-0-5

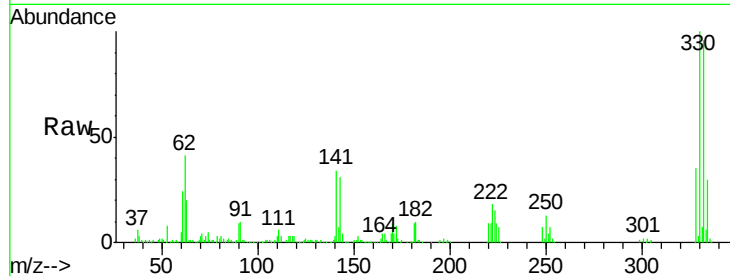
Tgt Ion:198 Resp: 998

Ion Ratio Lower Upper

198 100

51 283.8 77.1 117.1#

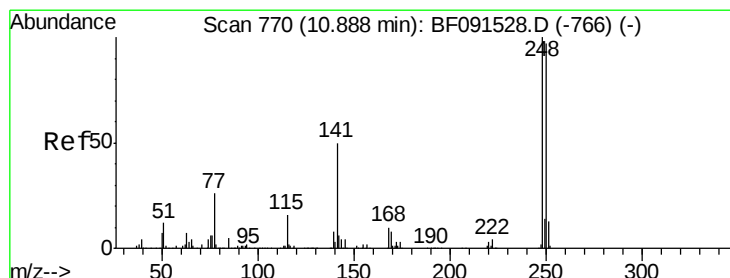
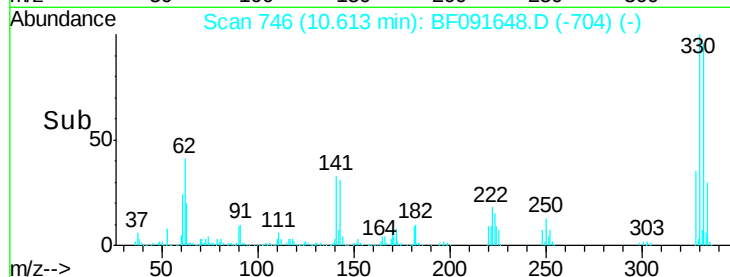
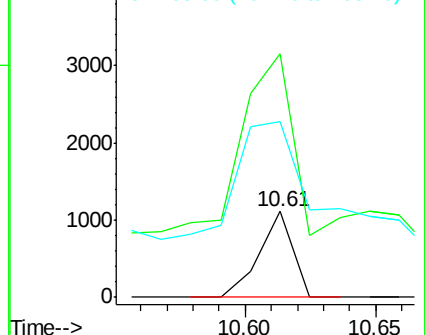
105 205.3 44.8 84.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.94 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.24 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

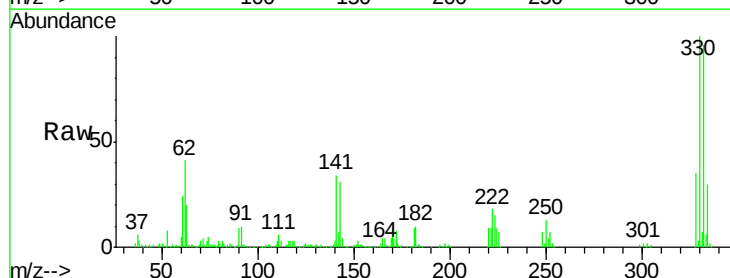
Tgt Ion:248 Resp: 24927

Ion Ratio Lower Upper

248 100

250 202.5 78.2 117.4#

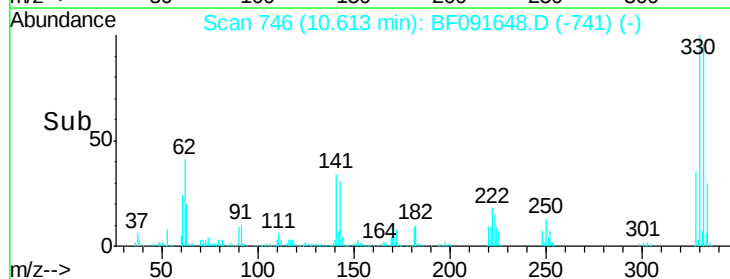
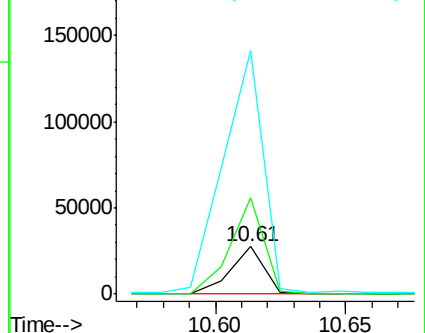
141 513.6 71.9 107.9#

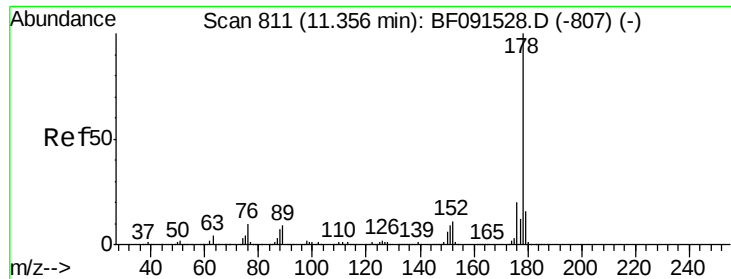


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 68.73 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Instrument :

BNA_F

ClientSampleId :

WC-6-0-5

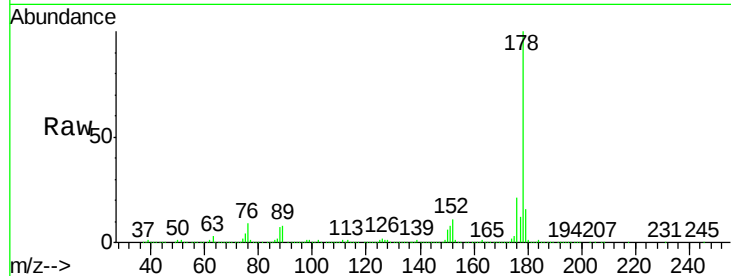
Tgt Ion:178 Resp: 2101493

Ion Ratio Lower Upper

178 100

176 20.8 15.9 23.9

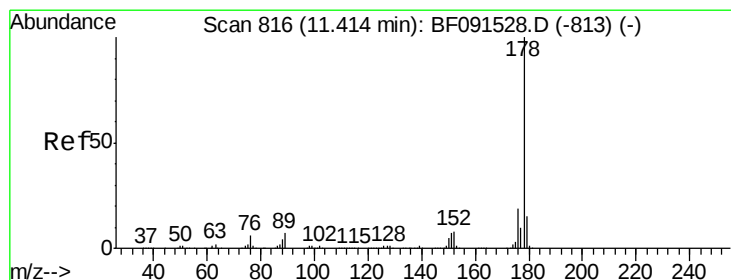
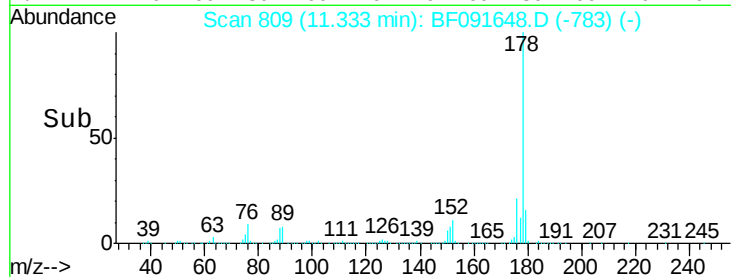
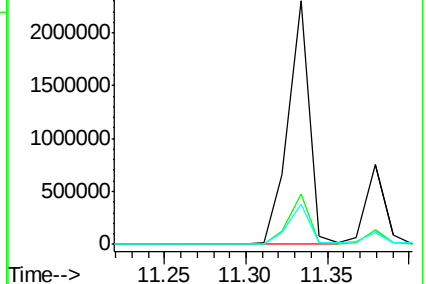
179 16.4 12.6 18.8



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



#71

Anthracene

Concen: 19.10 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

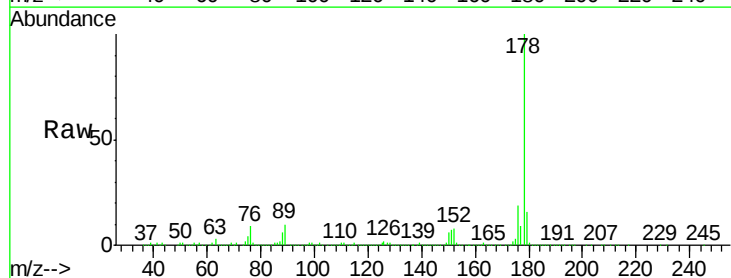
Tgt Ion:178 Resp: 629872

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.6

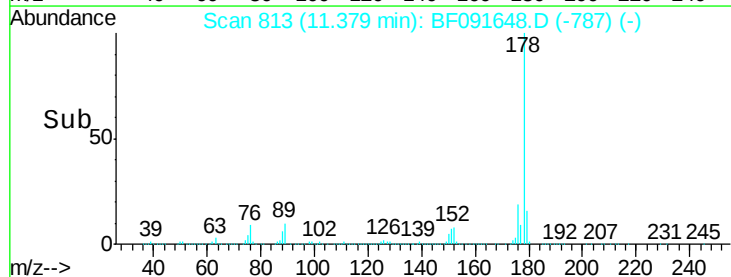
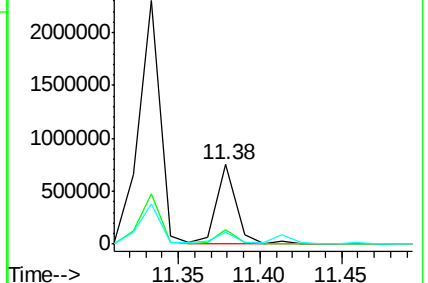
179 15.7 12.7 19.1

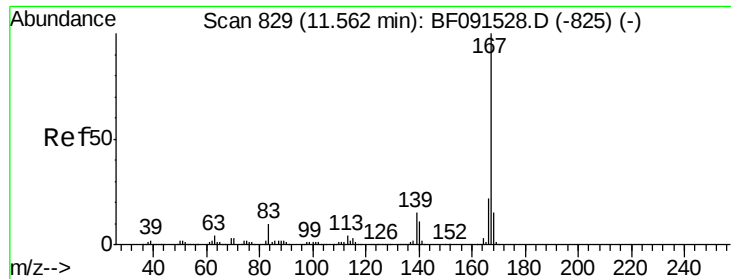


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

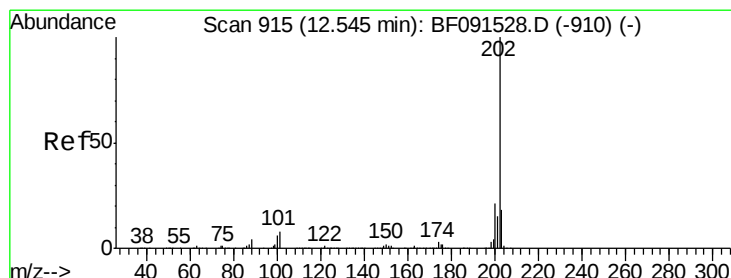
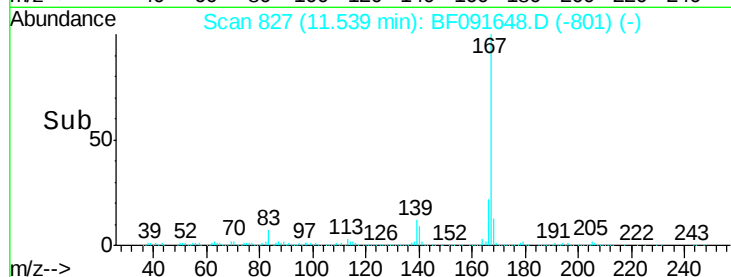
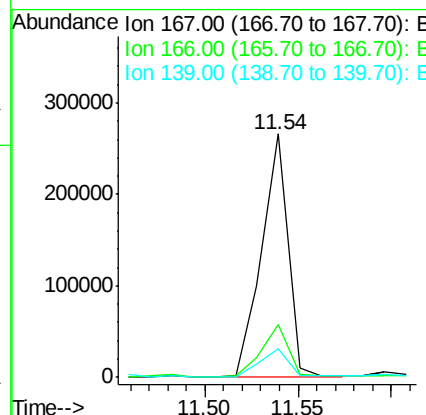
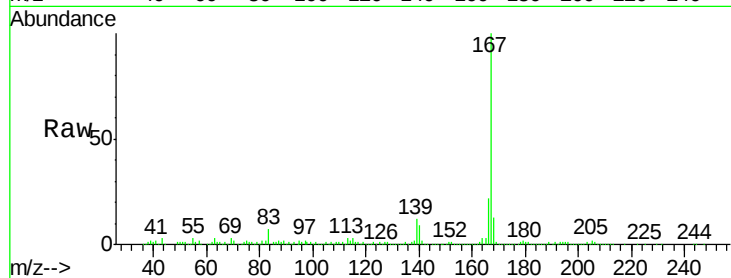




#72
 Carbazole
 Concen: 8.97 ng
 RT: 11.54 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF091648.D
 Acq: 16 Dec 2016 00:23

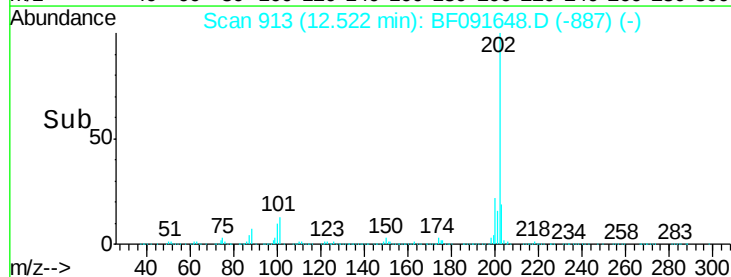
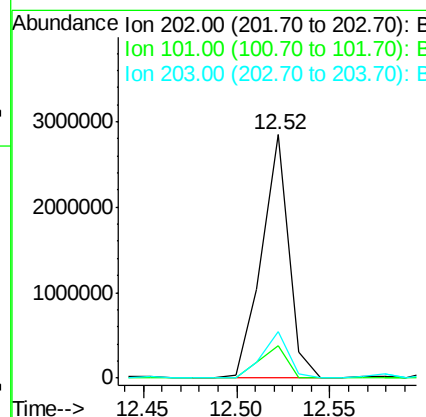
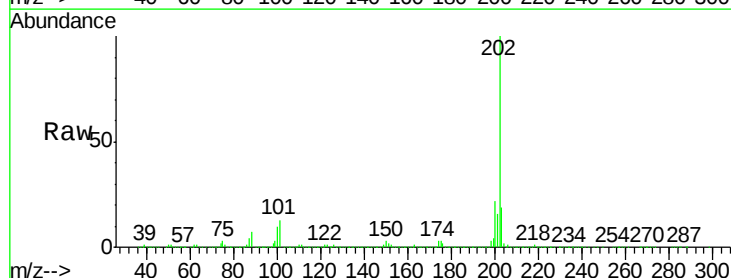
Instrument :
 BNA_F
 ClientSampleId :
 WC-6-0-5

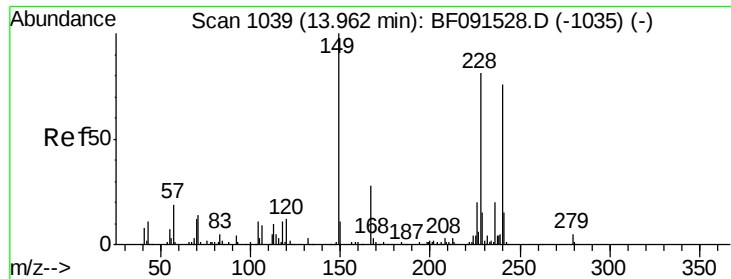
Tgt Ion:167 Resp: 259227
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 12.0 11.5 17.3



#74
 Fluoranthene
 Concen: 89.97 ng
 RT: 12.52 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF091648.D
 Acq: 16 Dec 2016 00:23

Tgt Ion:202 Resp: 2880408
 Ion Ratio Lower Upper
 202 100
 101 13.5 0.0 29.5
 203 19.1 0.0 37.8

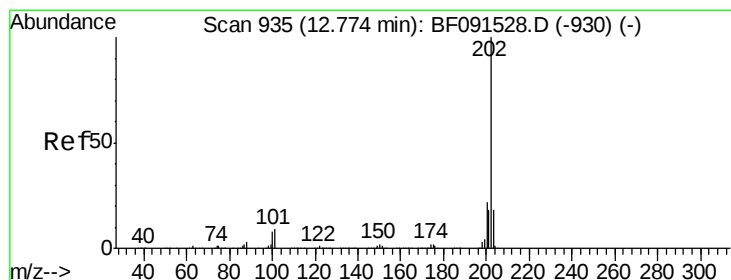
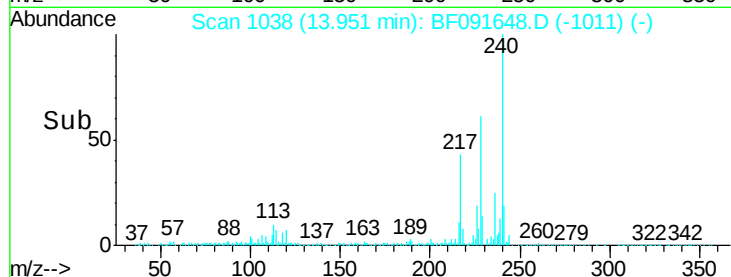
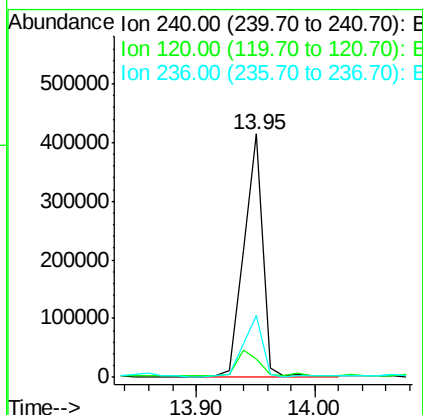
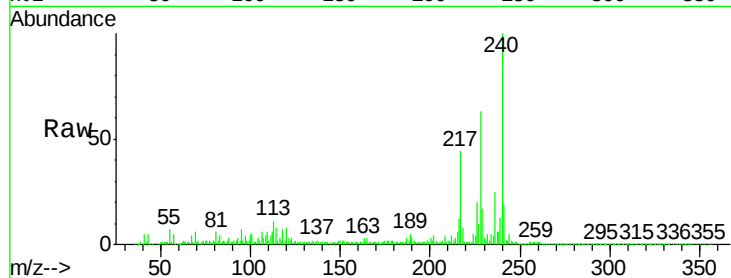




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF091648.D
Acq: 16 Dec 2016 00:23

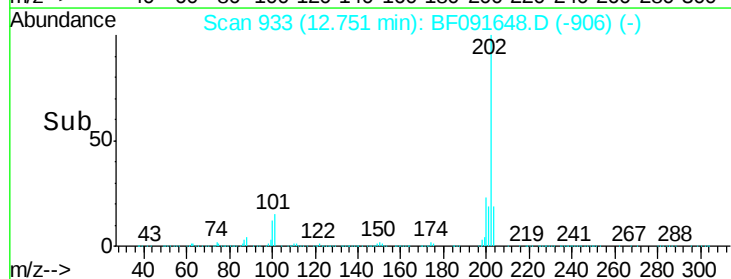
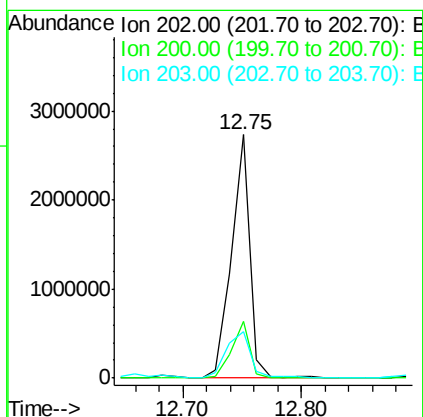
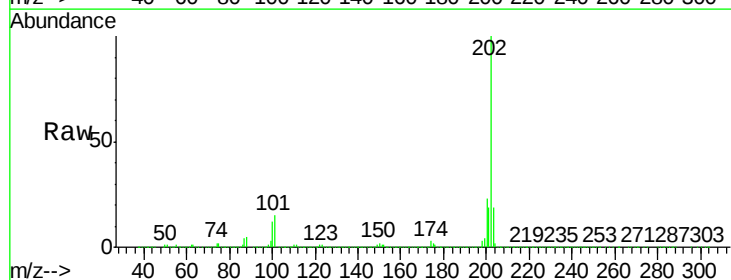
Instrument :
BNA_F
ClientSampled :
WC-6-0-5

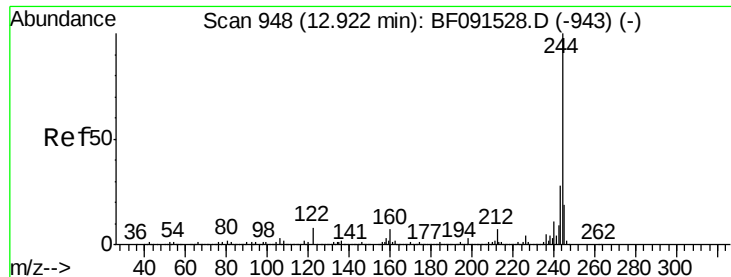
Tgt Ion:240 Resp: 456951
Ion Ratio Lower Upper
240 100
120 7.6 12.1 18.1#
236 25.3 21.0 31.6



#77
Pyrene
Concen: 79.50 ng
RT: 12.75 min Scan# 933
Delta R.T. 0.01 min
Lab File: BF091648.D
Acq: 16 Dec 2016 00:23

Tgt Ion:202 Resp: 2881925
Ion Ratio Lower Upper
202 100
200 23.1 17.6 26.4
203 19.3 14.0 21.0





#78

Terphenyl-d14

Concen: 76.42 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Instrument :

BNA_F

ClientSampleId :

WC-6-0-5

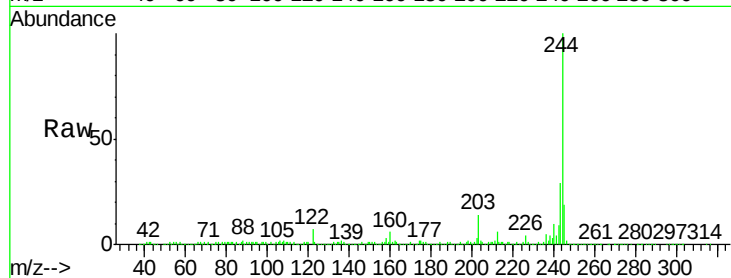
Tgt Ion:244 Resp: 1538851

Ion Ratio Lower Upper

244 100

212 6.5 6.5 9.7#

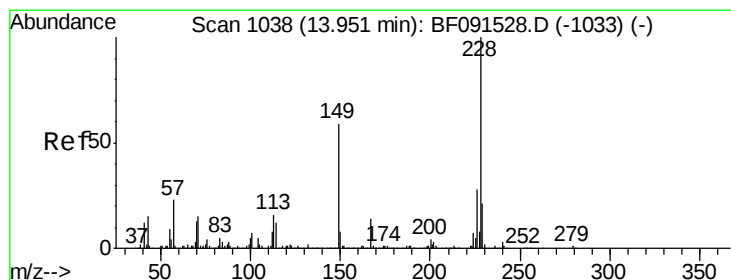
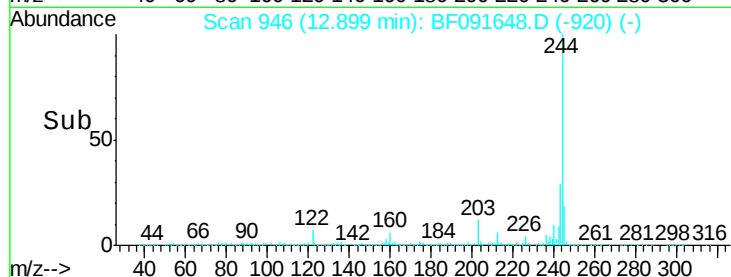
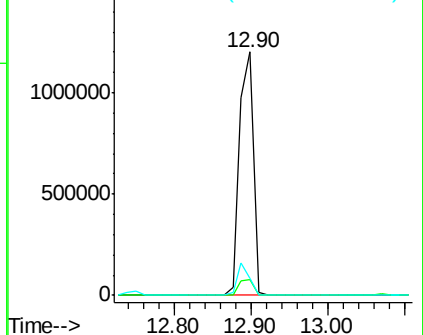
122 7.2 9.5 14.3#



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: 66.43 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

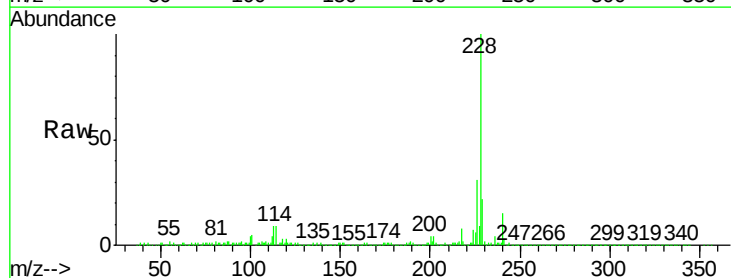
Tgt Ion:228 Resp: 1762916

Ion Ratio Lower Upper

228 100

226 30.7 22.5 33.7

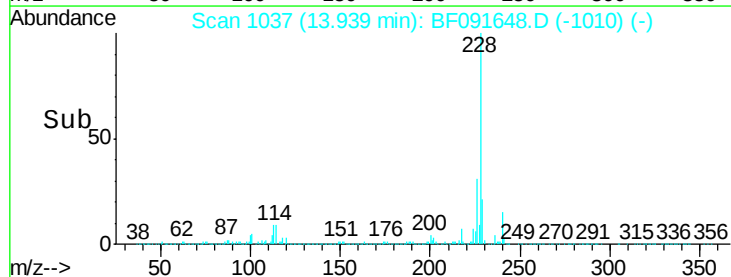
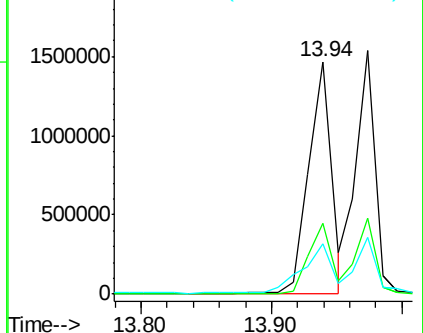
229 21.5 16.4 24.6

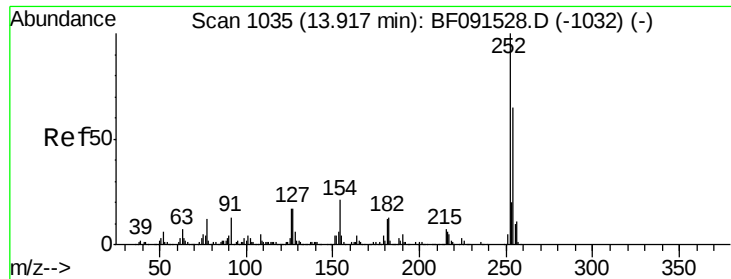


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

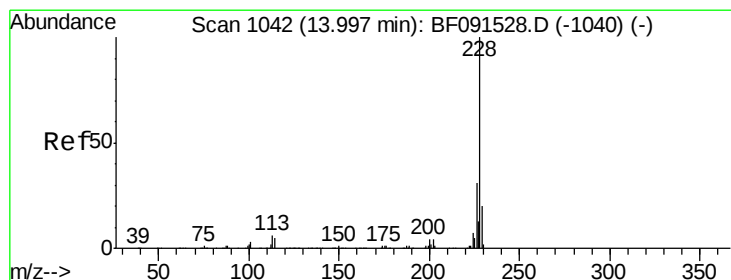
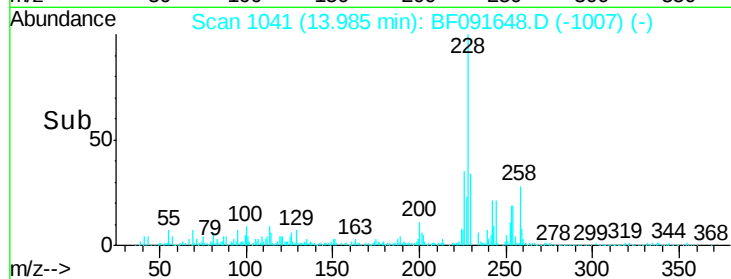
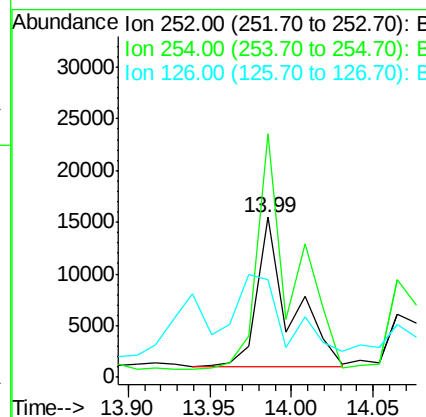
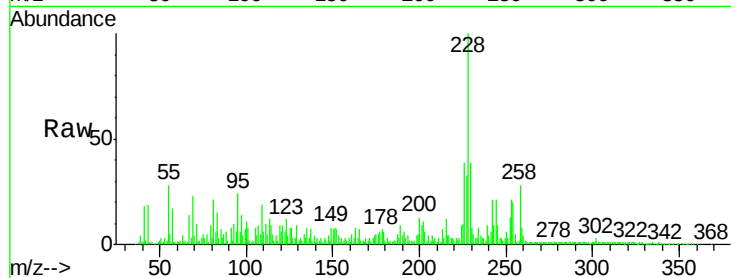




#81
 3,3'-Dichlorobenzidine
 Concen: 2.13 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.09 min
 Lab File: BF091648.D
 Acq: 16 Dec 2016 00:23

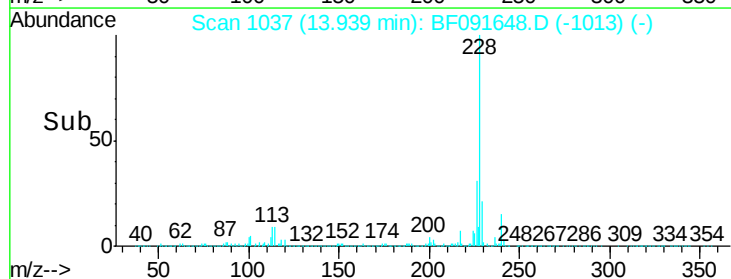
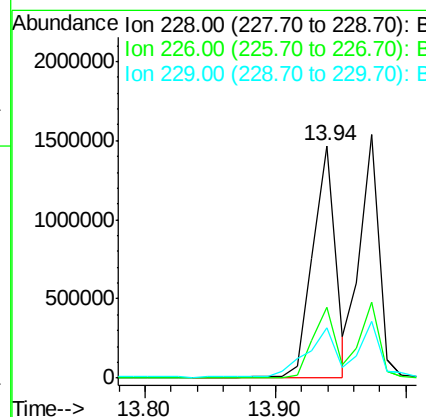
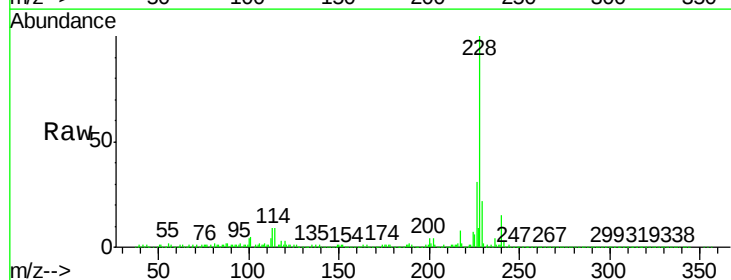
Instrument :
 BNA_F
 ClientSampleId :
 WC-6-0-5

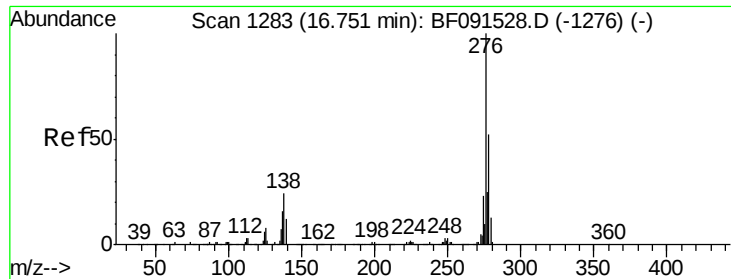
Tgt Ion:252 Resp: 20295
 Ion Ratio Lower Upper
 252 100
 254 152.1 52.1 78.1#
 126 61.0 7.5 11.3#



#82
 Chrysene
 Concen: 63.50 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF091648.D
 Acq: 16 Dec 2016 00:23

Tgt Ion:228 Resp: 1762916
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.4
 229 21.5 16.0 24.0

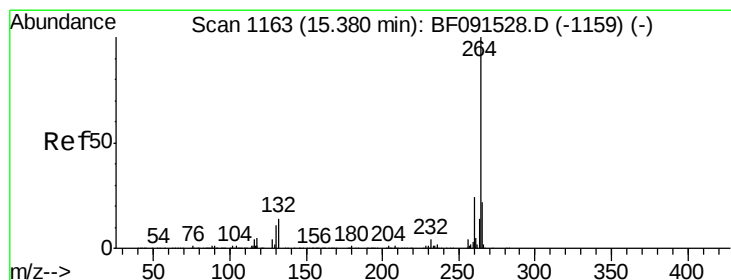
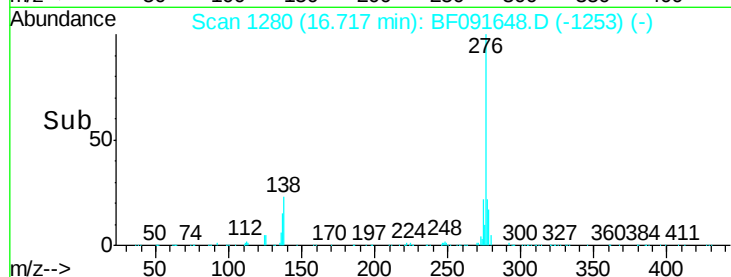
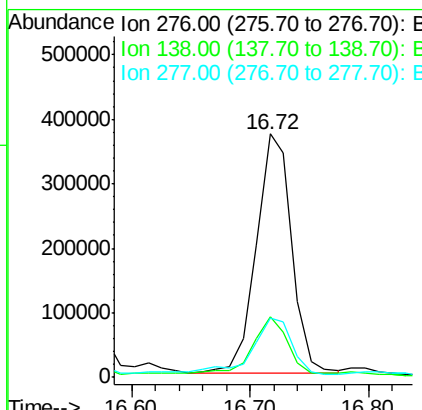
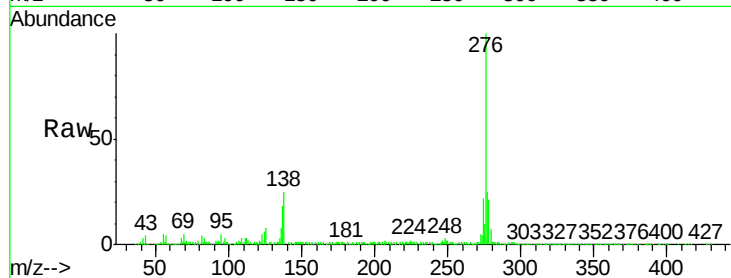




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.62 ng
 RT: 16.72 min Scan# 1280
 Delta R.T. 0.01 min
 Lab File: BF091648.D
 Acq: 16 Dec 2016 00:23

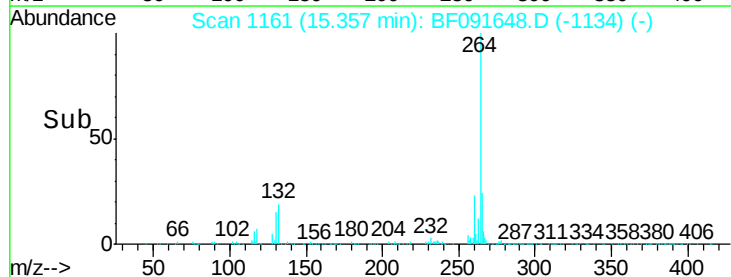
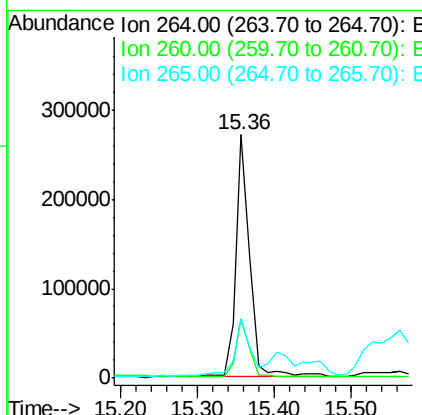
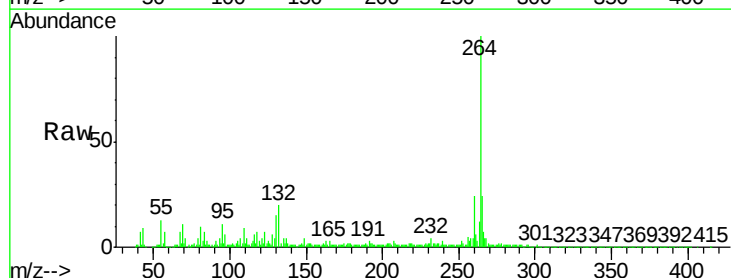
Instrument :
 BNA_F
 ClientSampleId :
 WC-6-0-5

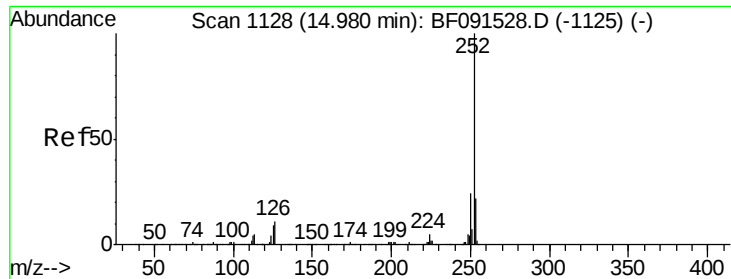
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	21.0	31.4
277	27.8	20.2	30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BF091648.D
 Acq: 16 Dec 2016 00:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	24.4	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 100.66 ng

RT: 14.97 min Scan# 1127

Delta R.T. 0.02 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Instrument :

BNA_F

ClientSampleId :

WC-6-0-5

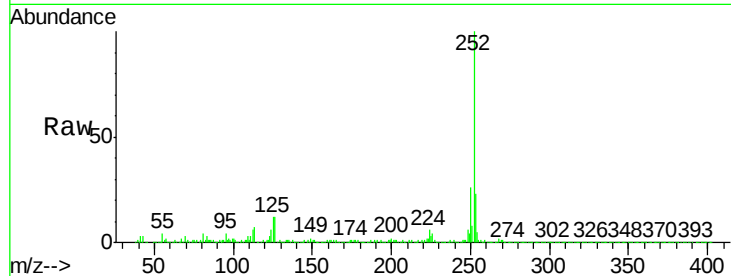
Tgt Ion:252 Resp: 2084991

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.2

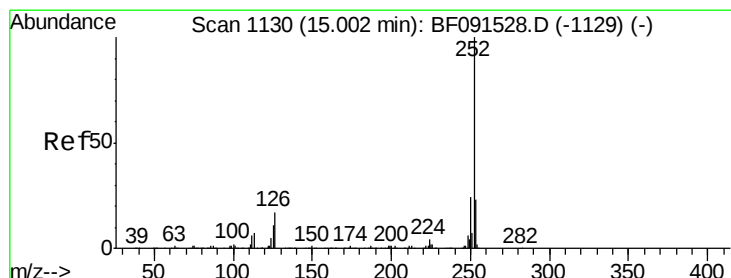
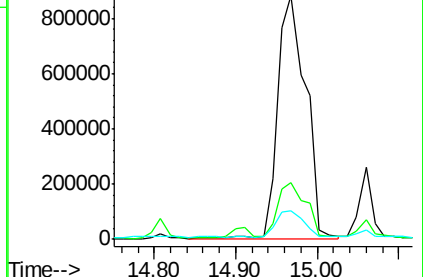
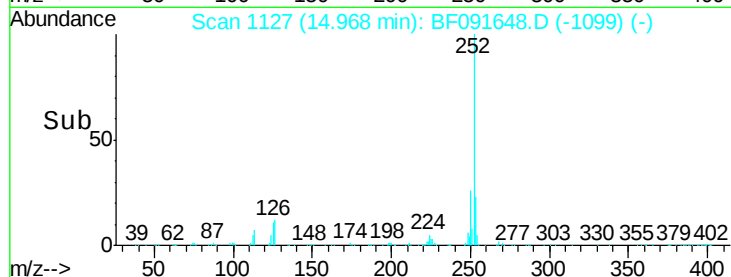
125 12.0 8.6 13.0



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: 114.48 ng

RT: 14.97 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

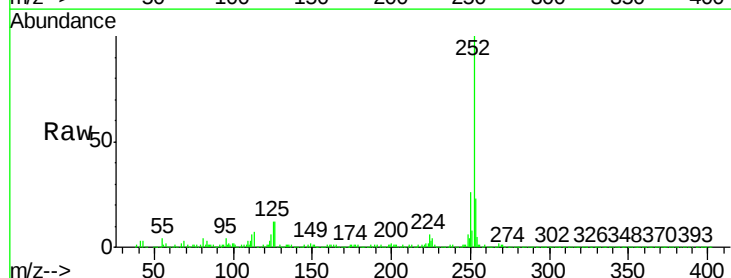
Tgt Ion:252 Resp: 2084991

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.8

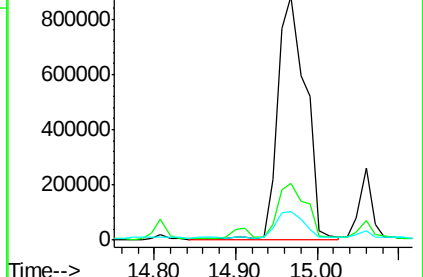
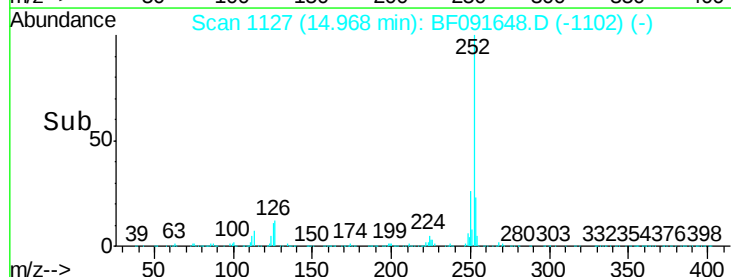
125 12.0 9.6 14.4

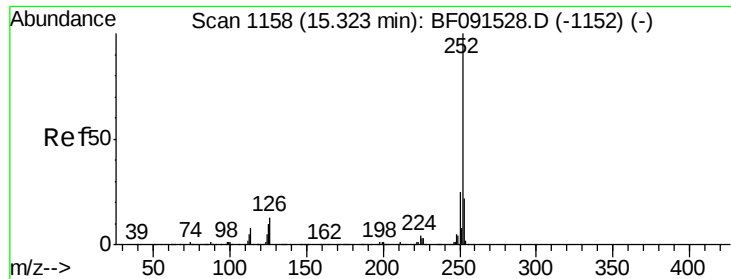


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 58.25 ng

RT: 15.30 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Instrument :

BNA_F

ClientSampleId :

WC-6-0-5

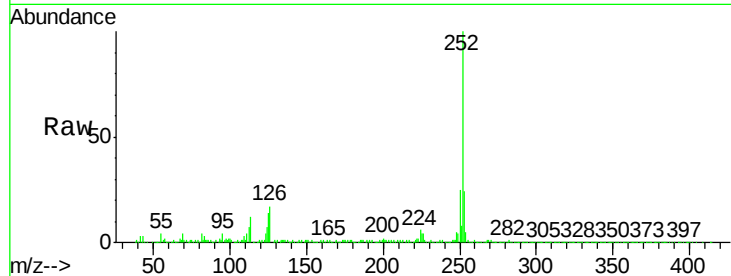
Tgt Ion:252 Resp: 1086863

Ion Ratio Lower Upper

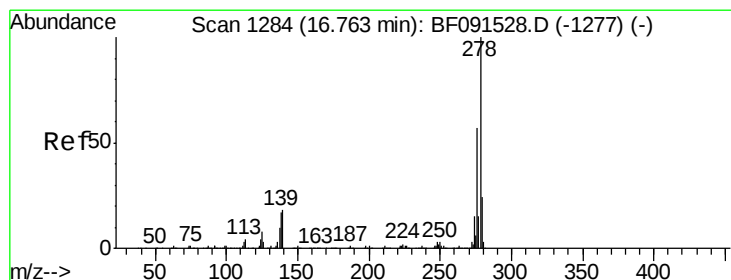
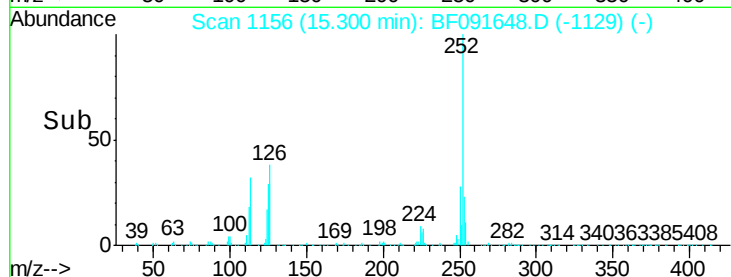
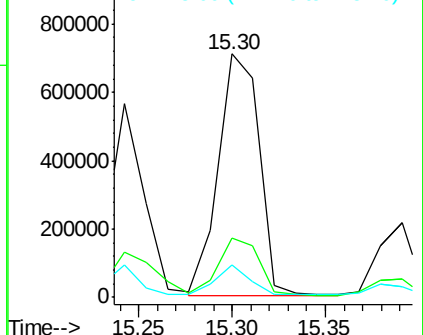
252 100

253 24.3 18.2 27.4

125 13.5 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 11.47 ng

RT: 16.73 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

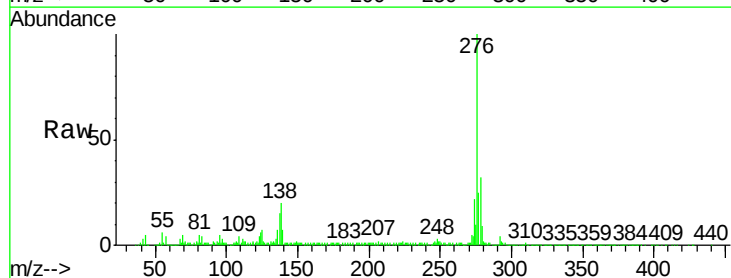
Tgt Ion:278 Resp: 191668

Ion Ratio Lower Upper

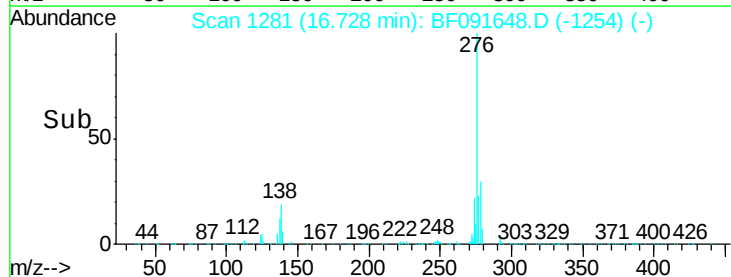
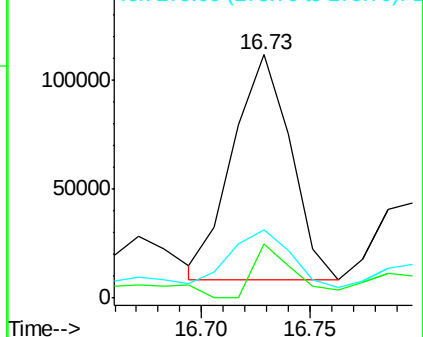
278 100

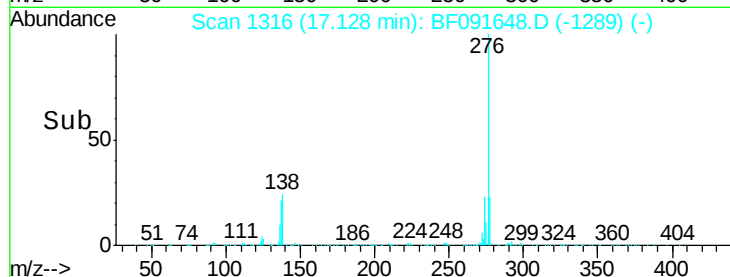
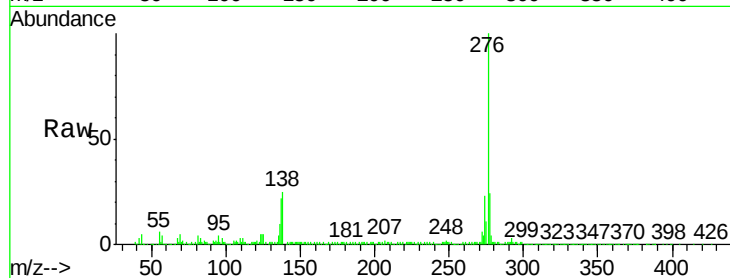
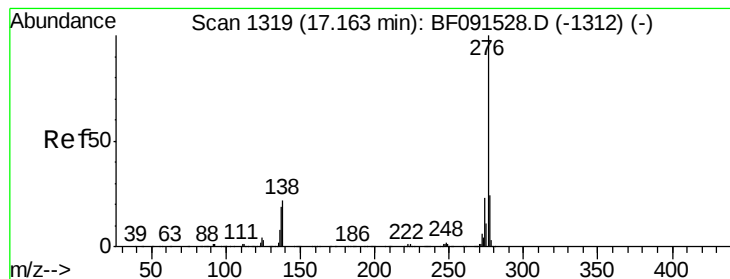
139 22.4 15.1 22.7

279 27.8 19.0 28.6



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: 42.46 ng

RT: 17.13 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BF091648.D

Acq: 16 Dec 2016 00:23

Instrument :

BNA_F

ClientSampleId :

WC-6-0-5

Tgt Ion: 276 Resp: 722398

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 24.7 15.4 23.0#

