

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
 Data File : BG019306.D
 Acq On : 22 Oct 2015 7:28
 Operator : UM/NP
 Sample : G3996-18RXDL 25X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7RXDL

Quant Time: Oct 22 10:37:23 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	20740	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	92717	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.64	164	64155	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.39	188	129019	20.00	ng/ul	0.01
78) Chrysene-d12	21.65	240	147563	20.00	ng/ul	0.01
86) Perylene-d12	24.87	264	150912	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.20	99	1166	0.64	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.32	67	796	0.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	898	0.68	ng/ul	0.02
13) 4-Methylphenol-d8	8.73	113	980	0.64	ng/ul	0.03
19) Nitrobenzene-d5	9.17	128	791	1.11	ng/ul	0.01
22) 2-Nitrophenol-d4	9.89	143	555	0.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	1261	0.84	ng/ul	0.03
29) 4-Chloroaniline-d4	10.96	131	1349	0.70	ng/ul	0.03
44) Dimethylphthalate-d6	14.04	166	4020	0.72	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	5007	0.83	ng/ul	0.01
52) 4-Nitrophenol-d4	14.85	143	101	0.10	ng/ul	0.00
58) Fluorene-d10	15.63	176	4809	1.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	590	0.74	ng/ul	0.01
71) Anthracene-d10	17.48	188	5207	0.85	ng/ul	0.01
79) Pyrene-d10	19.77	212	5100	0.76	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.64	264	6570	0.86	ng/ul	0.04

Target Compounds

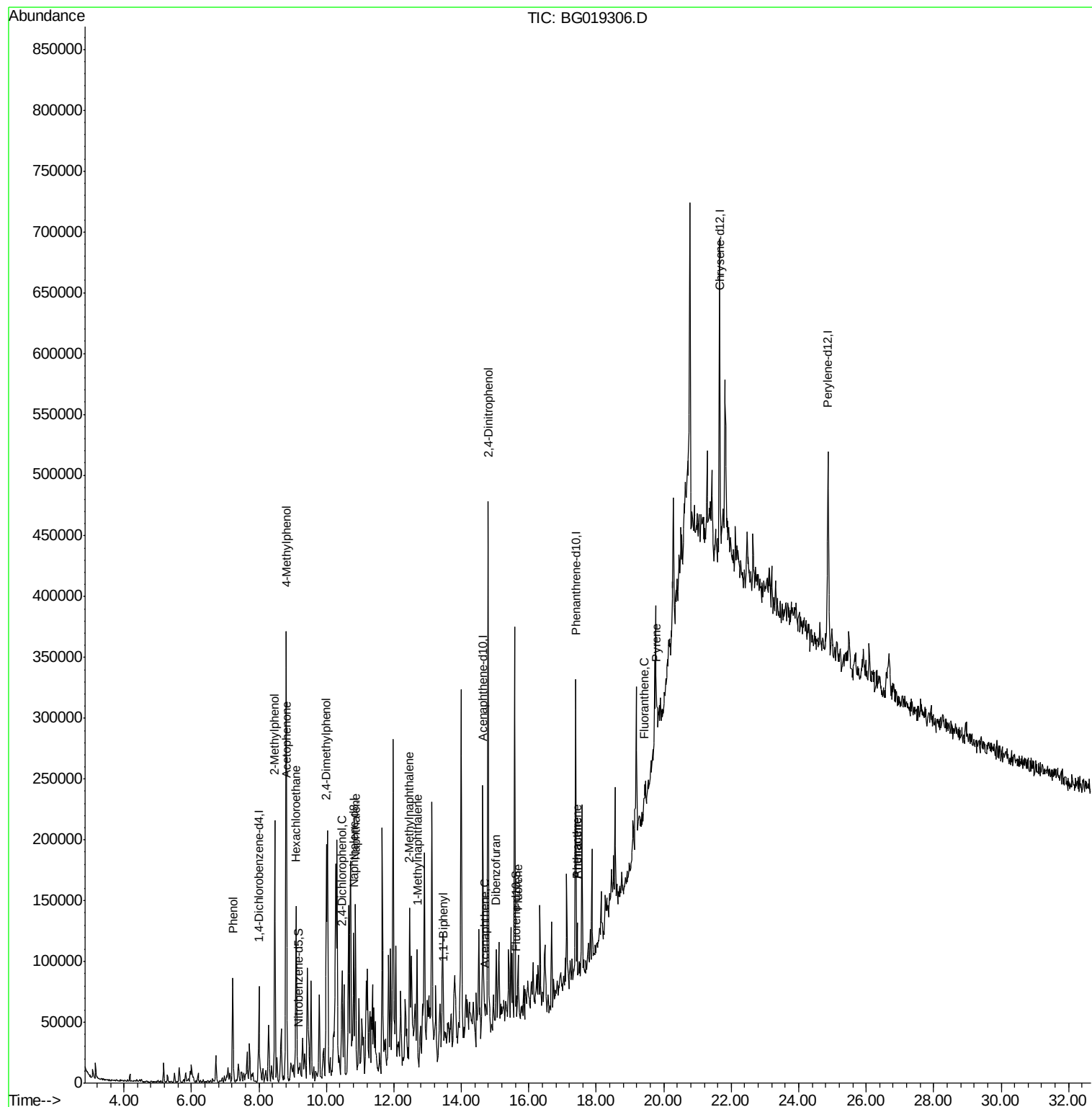
						Qvalue
6) Phenol	7.22	94	40337	21.40	ng/ul#	76
11) 2-Methylphenol	8.47	108	65660	44.38	ng/ul	99
14) Acetophenone	8.83	105	14236	5.50	ng/ul#	1
16) 4-Methylphenol	8.81	108	134345	80.94	ng/ul	95
17) Hexachloroethane	9.11	117	1816	3.11	ng/ul#	1
24) 2,4-Dimethylphenol	10.00	107	66830	34.24	ng/ul	88
27) 2,4-Dichlorophenol	10.45	162	2031	1.34	ng/ul#	26
28) Naphthalene	10.86	128	97928	20.21	ng/ul	99
34) 2-Methylnaphthalene	12.46	142	49761	12.95	ng/ul	96
35) 1-Methylnaphthalene	12.69	142	31993	8.50	ng/ul#	100
41) 1,1'-Biphenyl	13.47	154	15385	3.07	ng/ul	93
50) Acenaphthene	14.70	153	4675	1.04	ng/ul#	86
51) 2,4-Dinitrophenol	14.78	184	917	1.49	ng/ul#	1
54) Dibenzofuran	15.04	168	22131	3.50	ng/ul#	82
59) Fluorene	15.68	166	15852	2.93	ng/ul#	98
70) Phenanthrene	17.43	178	27100	3.76	ng/ul	94
72) Anthracene	17.43	178	27327	3.73	ng/ul	93
77) Fluoranthene	19.43	202	9597	1.06	ng/ul#	96
80) Pyrene	19.80	202	9281	1.06	ng/ul	96

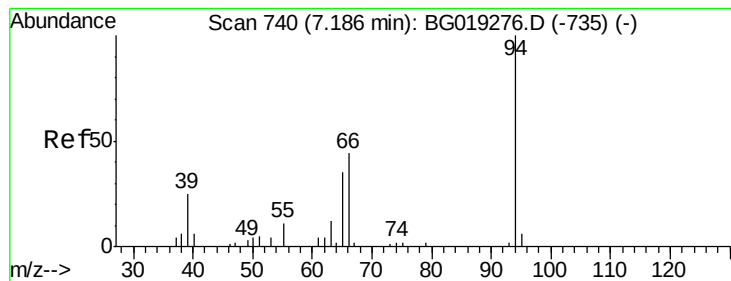
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 01:23:32 2015
Response via : Initial Calibration





#6

Phenol

Concen: 21.40 ng/ul

RT: 7.22 min Scan# 746

Delta R.T. 0.03 min

Lab File: BG019306.D

Acq: 22 Oct 2015 7:28

Instrument :

BNA_G

ClientSampleId :

E5LK7RXDL

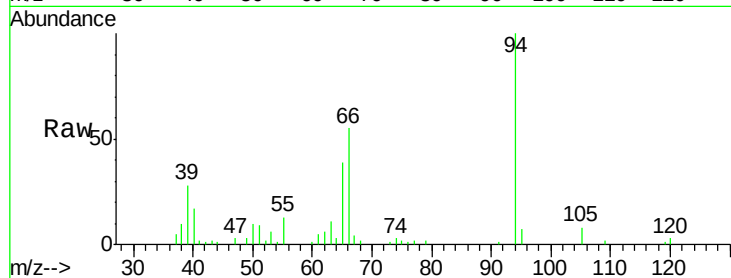
Tgt Ion: 94 Resp: 40337

Ion Ratio Lower Upper

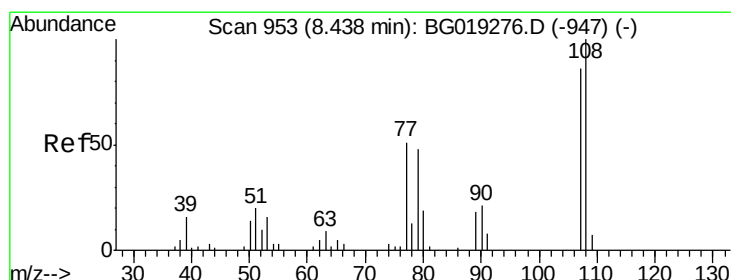
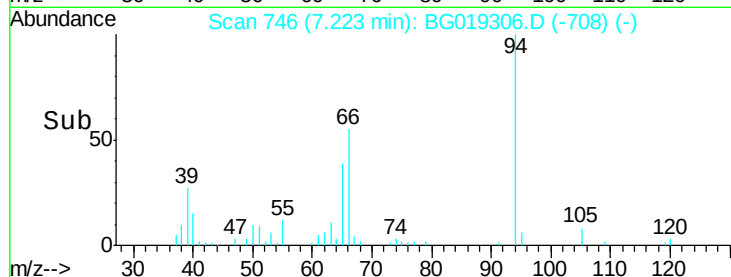
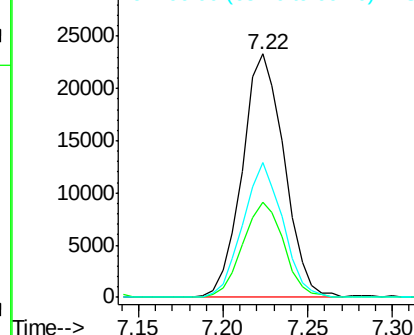
94 100

65 39.2 24.9 37.3#

66 55.4 29.1 43.7#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

2-Methylphenol

Concen: 44.38 ng/ul

RT: 8.47 min Scan# 958

Delta R.T. 0.03 min

Lab File: BG019306.D

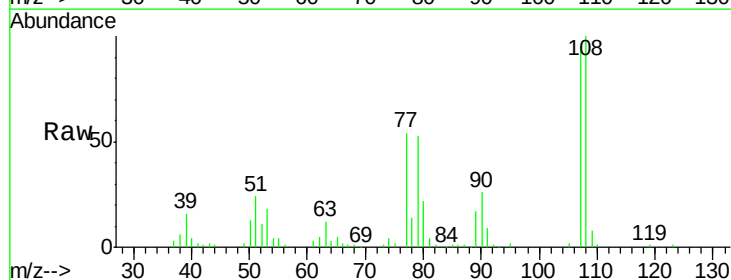
Acq: 22 Oct 2015 7:28

Tgt Ion: 108 Resp: 65660

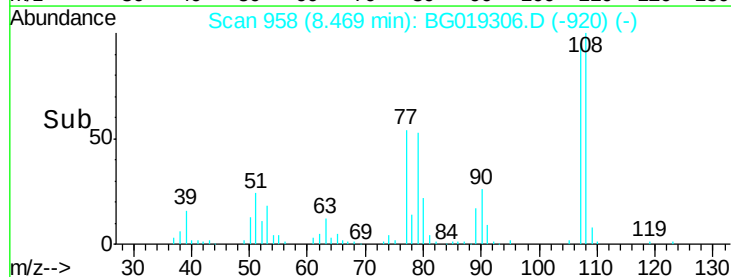
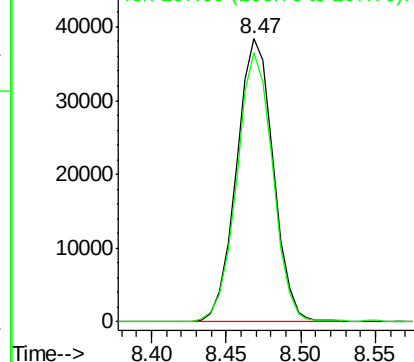
Ion Ratio Lower Upper

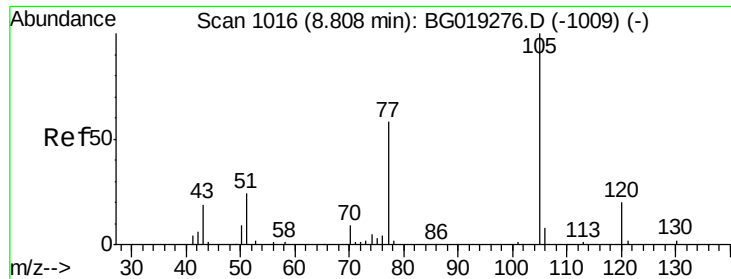
108 100

107 95.1 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





#14

Acetophenone

Concen: 5.50 ng/ul

RT: 8.83 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BG019306.D

Acq: 22 Oct 2015 7:28

Instrument :

BNA_G

ClientSampleId :

E5LK7RXDL

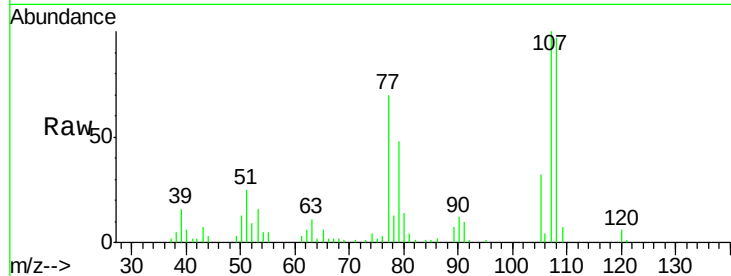
Tgt Ion:105 Resp: 14236

Ion Ratio Lower Upper

105 100

77 214.1 63.8 95.6#

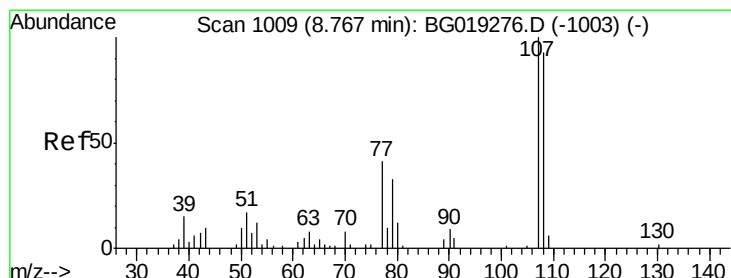
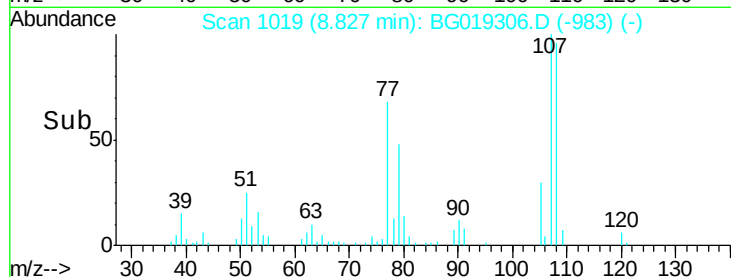
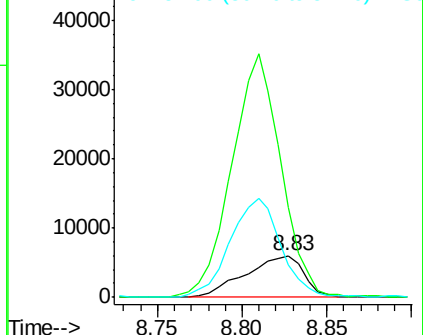
51 77.0 26.1 39.1#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 51.00 (50.70 to 51.70): BG



#16

4-Methylphenol

Concen: 80.94 ng/ul

RT: 8.81 min Scan# 1016

Delta R.T. 0.03 min

Lab File: BG019306.D

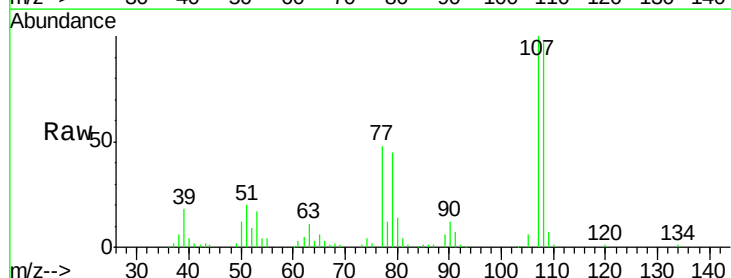
Acq: 22 Oct 2015 7:28

Tgt Ion:108 Resp: 134345

Ion Ratio Lower Upper

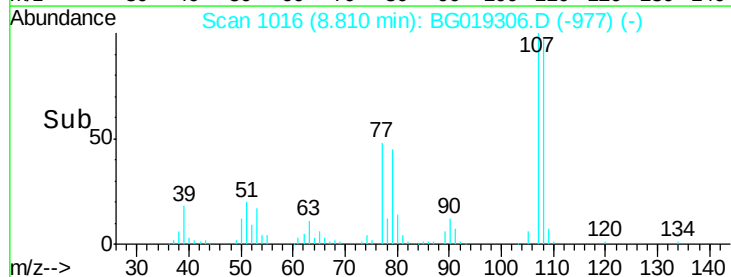
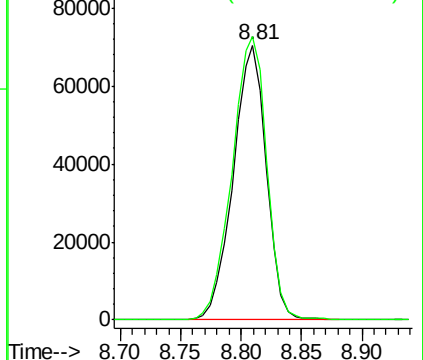
108 100

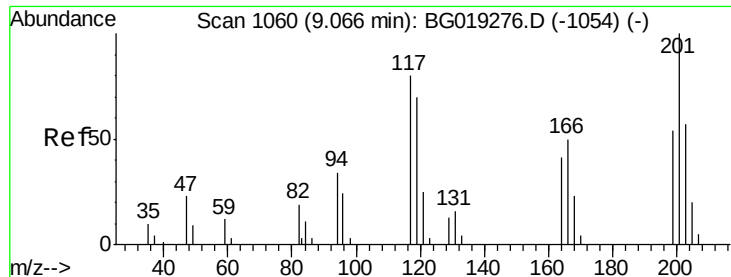
107 102.9 86.6 130.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

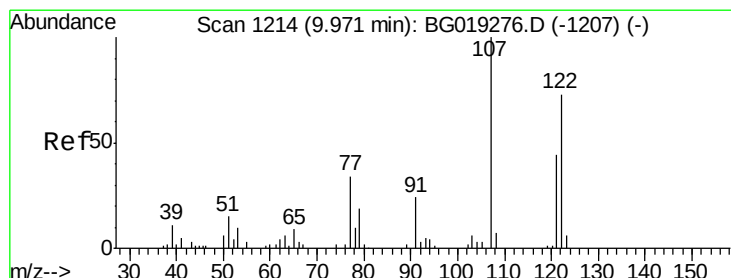
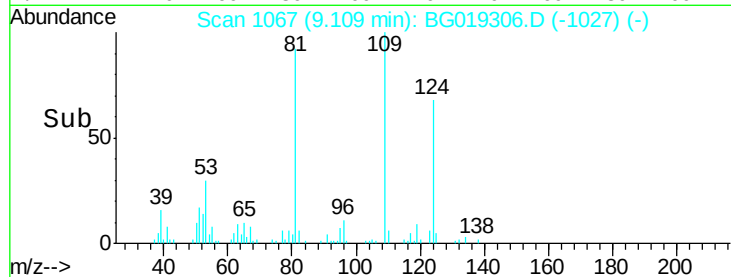
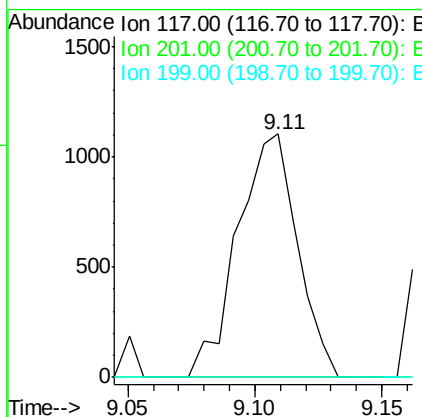
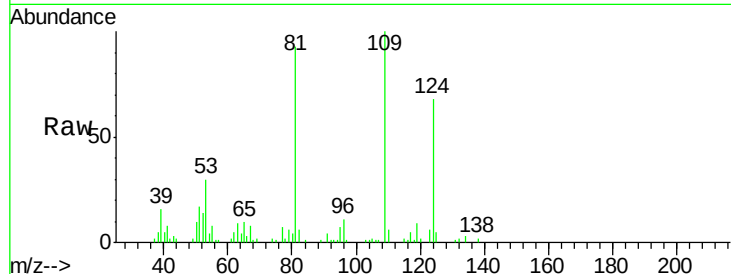




#17
 Hexachloroethane
 Concen: 3.11 ng/ul
 RT: 9.11 min Scan# 1067
 Delta R.T. 0.04 min
 Lab File: BG019306.D
 Acq: 22 Oct 2015 7:28

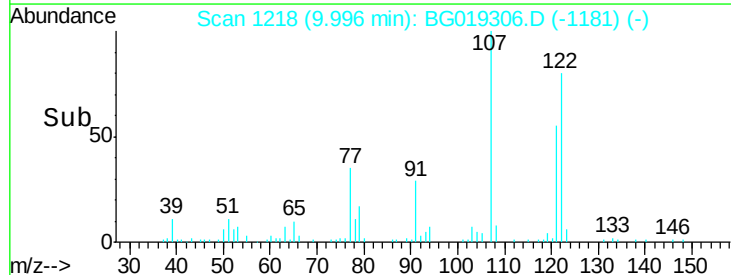
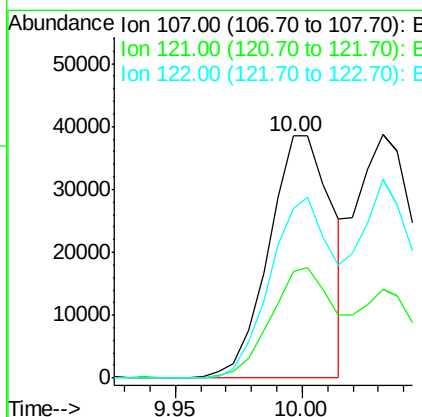
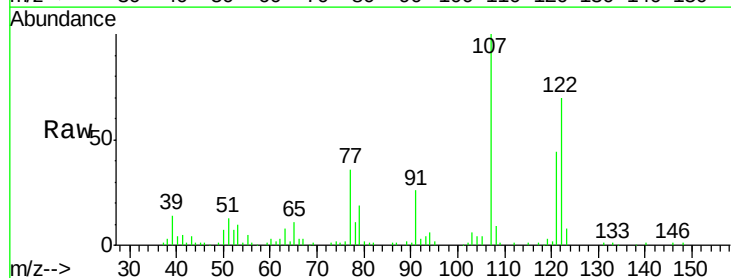
Instrument :
 BNA_G
 ClientSampled :
 E5LK7RXDL

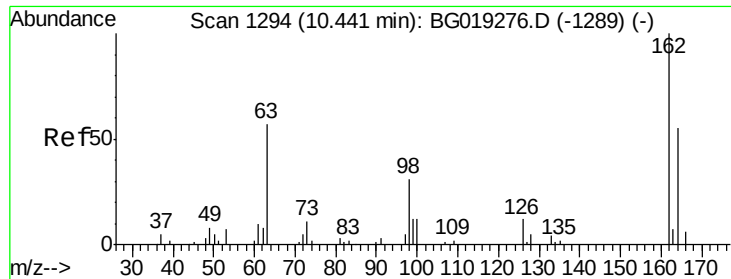
Tgt Ion:117 Resp: 1816
 Ion Ratio Lower Upper
 117 100
 201 0.0 91.4 137.0#
 199 0.0 58.7 88.1#



#24
 2,4-Dimethylphenol
 Concen: 34.24 ng/ul
 RT: 10.00 min Scan# 1218
 Delta R.T. 0.02 min
 Lab File: BG019306.D
 Acq: 22 Oct 2015 7:28

Tgt Ion:107 Resp: 66830
 Ion Ratio Lower Upper
 107 100
 121 44.1 37.2 55.8
 122 69.7 67.6 101.4

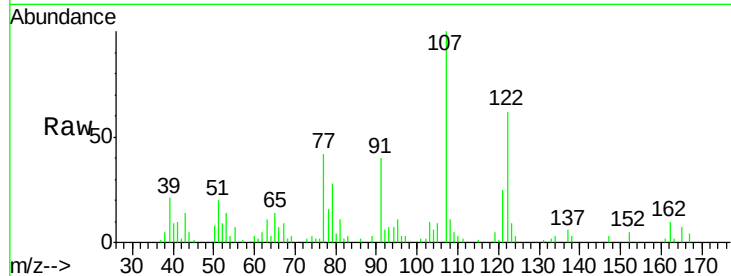




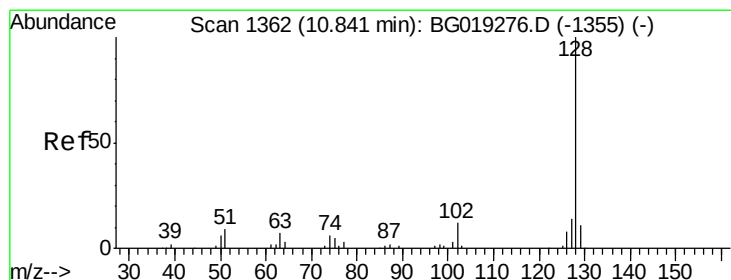
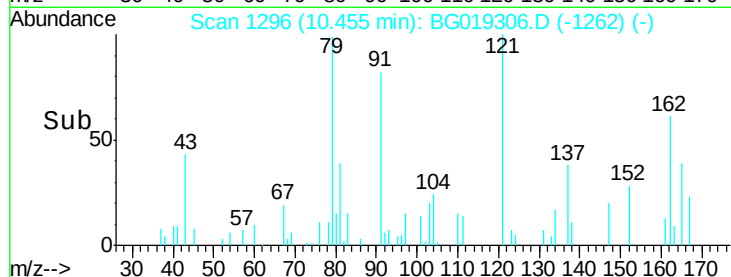
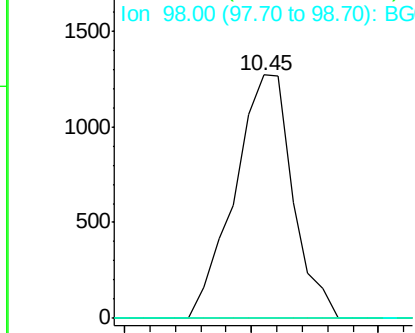
#27
 2,4-Dichlorophenol
 Concen: 1.34 ng/ul
 RT: 10.45 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BG019306.D
 Acq: 22 Oct 2015 7:28

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7RXDL

Tgt Ion:162 Resp: 2031
 Ion Ratio Lower Upper
 162 100
 164 0.0 50.0 75.0#
 98 0.0 29.0 43.6#

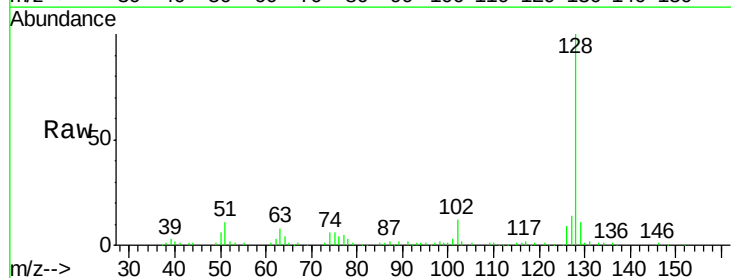


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

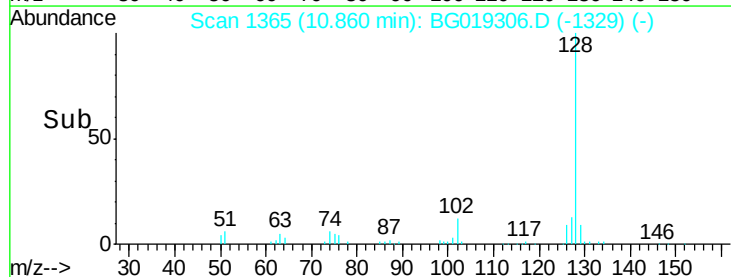
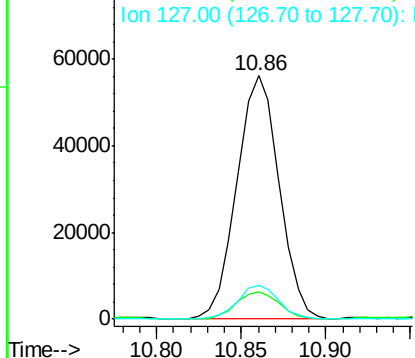


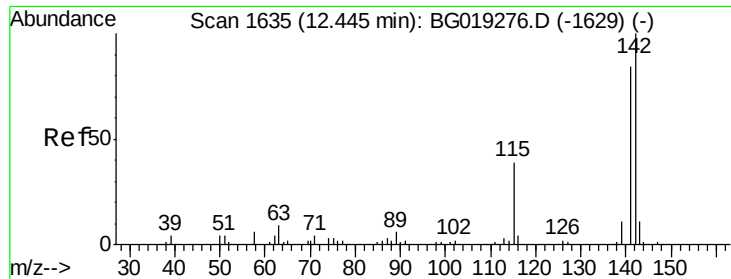
#28
 Naphthalene
 Concen: 20.21 ng/ul
 RT: 10.86 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: BG019306.D
 Acq: 22 Oct 2015 7:28

Tgt Ion:128 Resp: 97928
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.6 14.4
 127 13.8 11.3 16.9



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

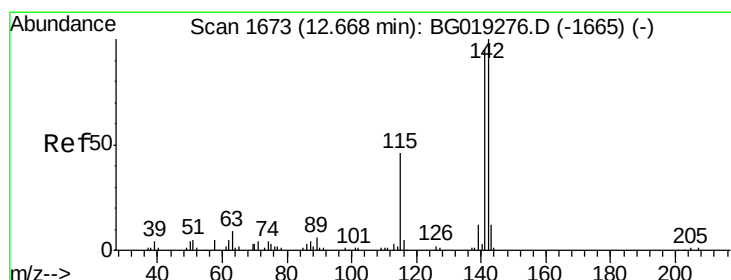
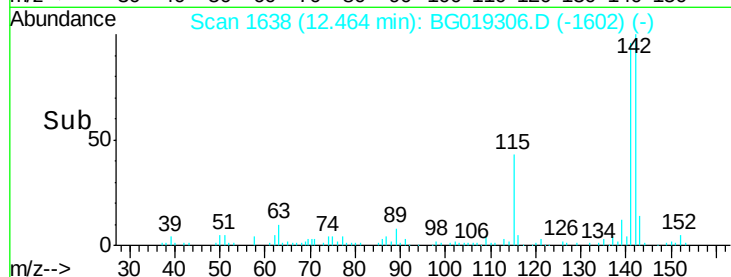
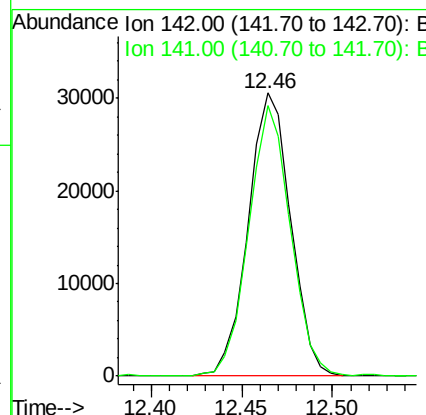
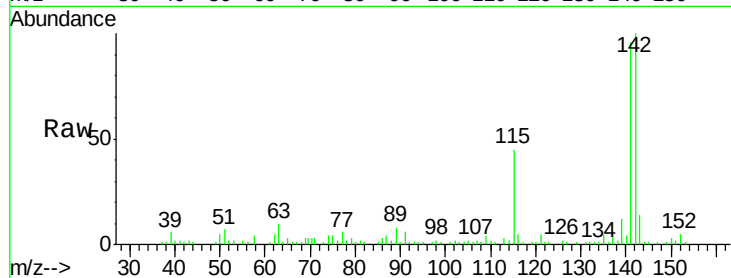




#34
 2-Methylnaphthalene
 Concen: 12.95 ng/ul
 RT: 12.46 min Scan# 1638
 Delta R.T. 0.01 min
 Lab File: BG019306.D
 Acq: 22 Oct 2015 7:28

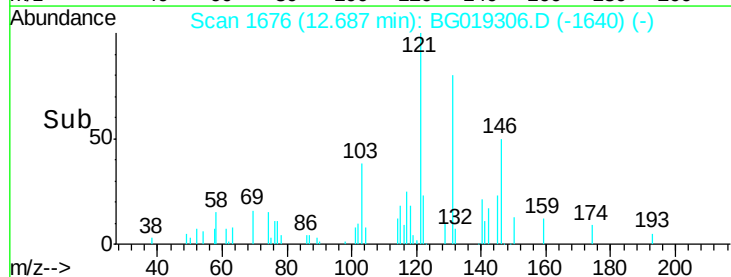
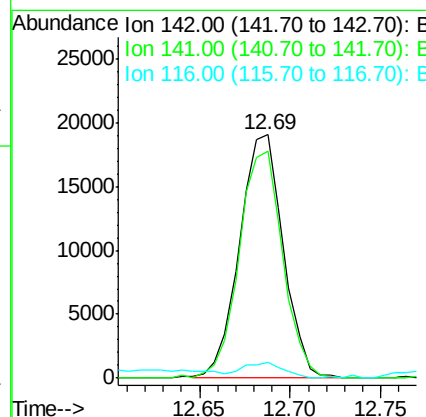
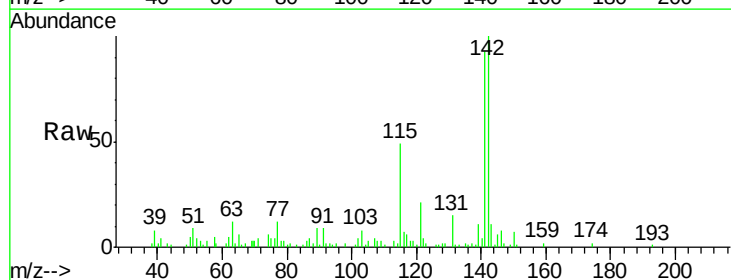
Instrument :
 BNA_G
 ClientSampleId :
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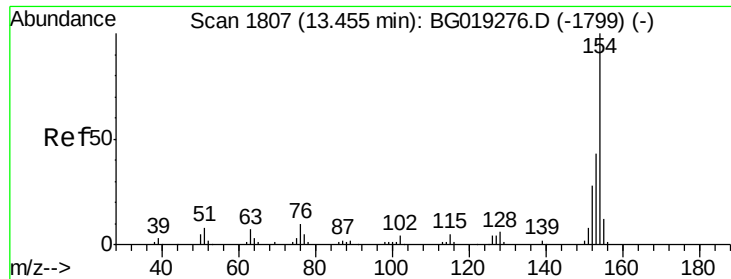
Tgt Ion:142 Resp: 49761
 Ion Ratio Lower Upper
 142 100
 141 95.7 73.4 110.0



#35
 1-Methylnaphthalene
 Concen: 8.50 ng/ul
 RT: 12.69 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: BG019306.D
 Acq: 22 Oct 2015 7:28

Tgt Ion:142 Resp: 31993
 Ion Ratio Lower Upper
 142 100
 141 93.4 74.8 112.2
 116 6.7 3.2 4.8#

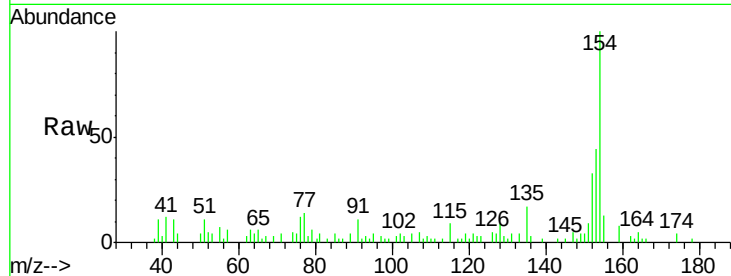




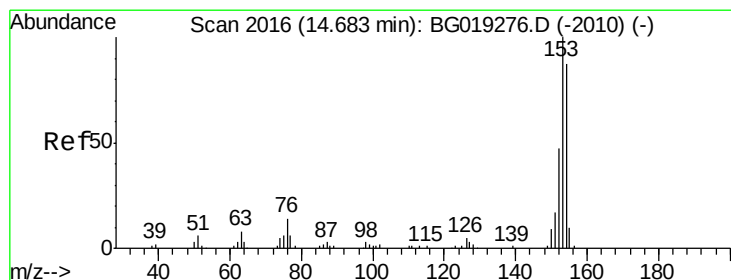
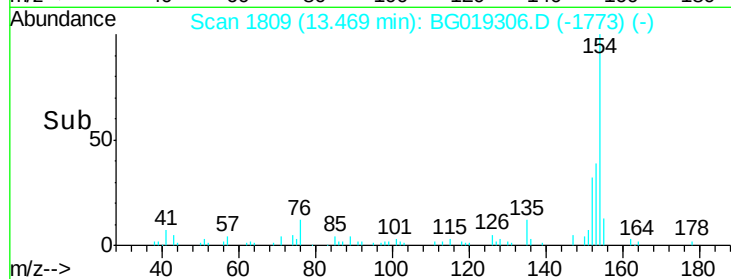
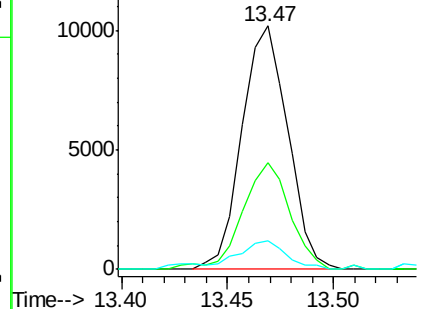
#41
 1,1'-Biphenyl
 Concen: 3.07 ng/ul
 RT: 13.47 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: BG019306.D
 Acq: 22 Oct 2015 7:28

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7RXDL

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	31.4	47.0
76	11.6	10.8	16.2

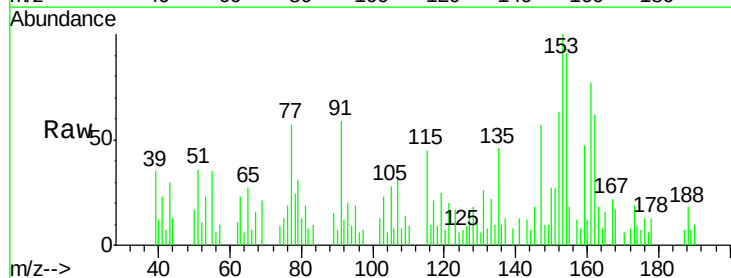


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

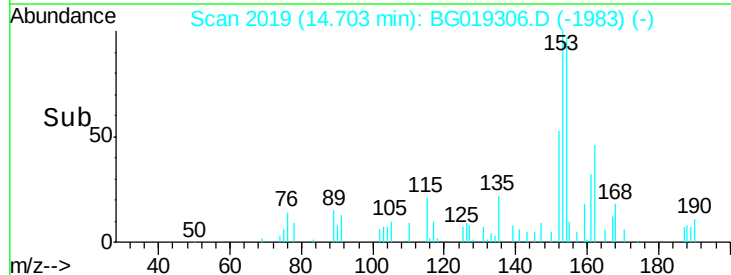
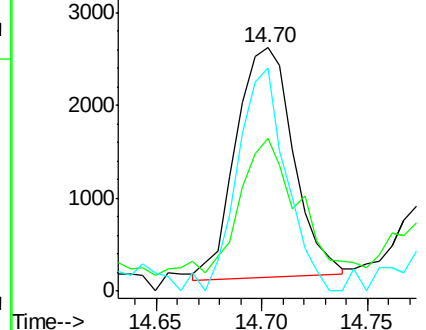


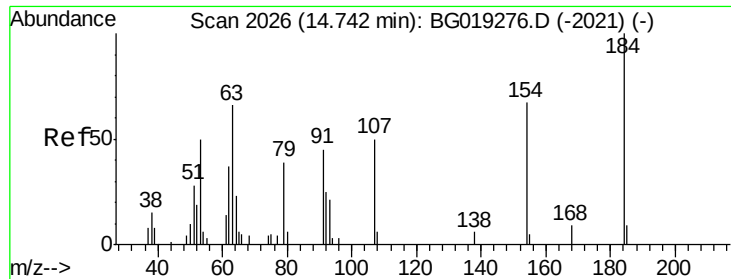
#50
 Acenaphthene
 Concen: 1.04 ng/ul
 RT: 14.70 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BG019306.D
 Acq: 22 Oct 2015 7:28

Tgt Ion	Ratio	Lower	Upper
153	100		
152	62.8	36.2	54.2#
154	91.4	67.5	101.3



Abundance Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E
 Ion 154.00 (153.70 to 154.70): E

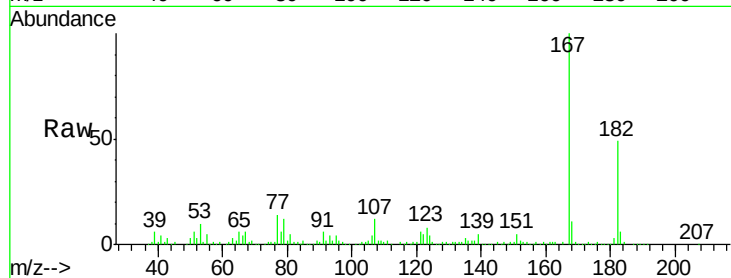




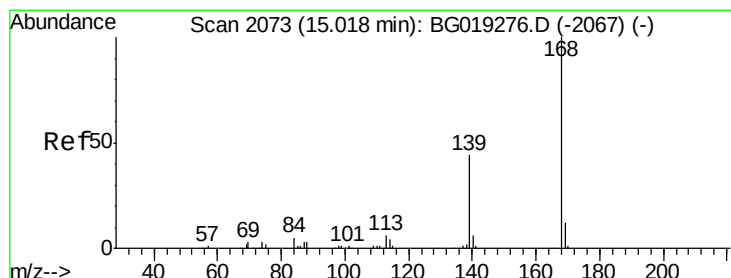
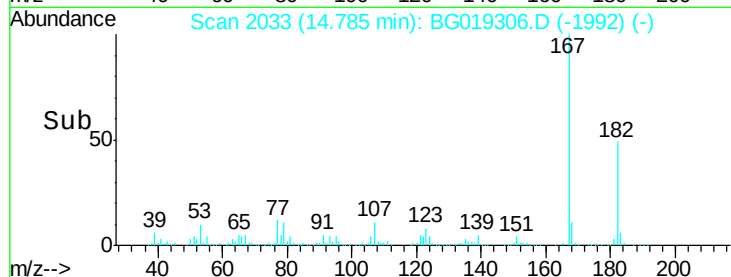
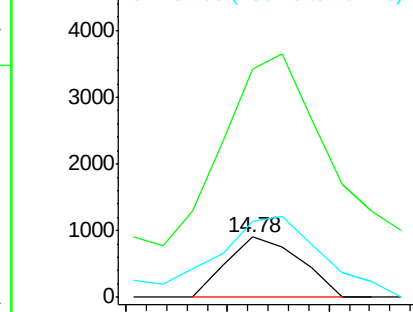
#51
2,4-Dinitrophenol
Concen: 1.49 ng/ul
RT: 14.78 min Scan# 2033
Delta R.T. 0.04 min
Lab File: BG019306.D
Acq: 22 Oct 2015 7:28

Instrument :
BNA_G
ClientSampleId :
E5LK7RXDL

Tgt Ion:184 Resp: 917
Ion Ratio Lower Upper
184 100
63 379.6 51.0 76.4#
154 127.0 56.5 84.7#

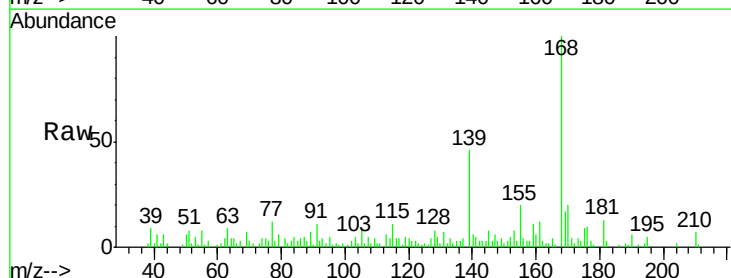


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

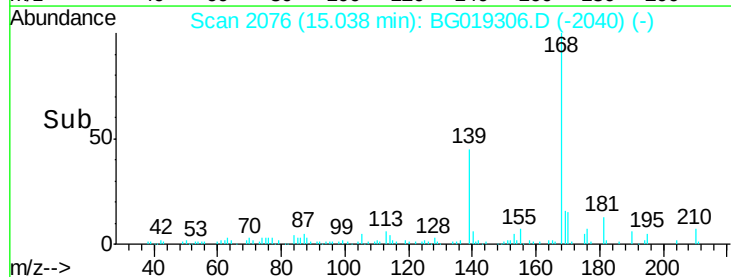
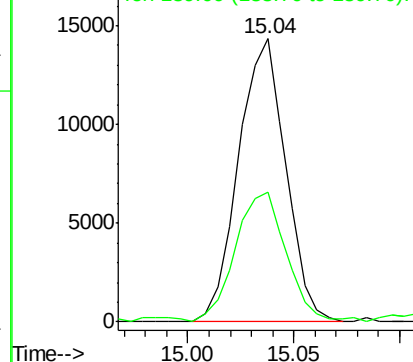


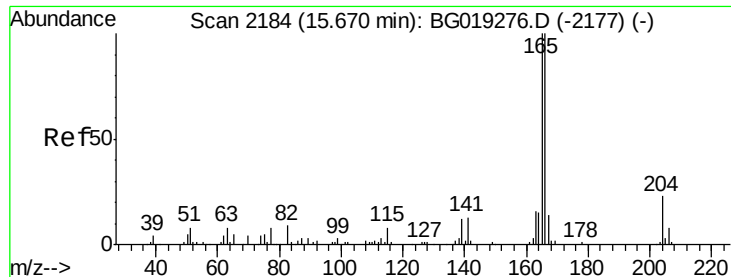
#54
Dibenzofuran
Concen: 3.50 ng/ul
RT: 15.04 min Scan# 2076
Delta R.T. 0.01 min
Lab File: BG019306.D
Acq: 22 Oct 2015 7:28

Tgt Ion:168 Resp: 22131
Ion Ratio Lower Upper
168 100
139 46.0 28.5 42.7#



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





#59

Fluorene

Concen: 2.93 ng/ul

RT: 15.68 min Scan# 2186

Delta R.T. 0.01 min

Lab File: BG019306.D

Acq: 22 Oct 2015 7:28

Instrument :

BNA_G

ClientSampleId :

E5LK7RXDL

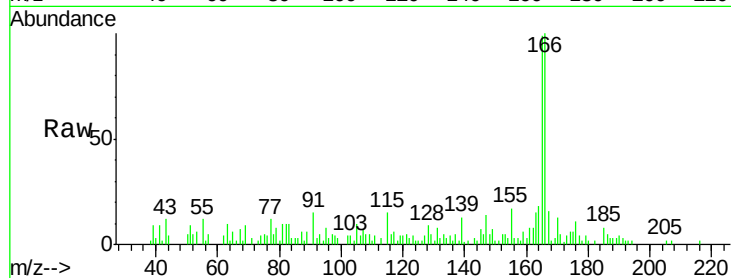
Tgt Ion:166 Resp: 15852

Ion Ratio Lower Upper

166 100

165 98.8 77.7 116.5

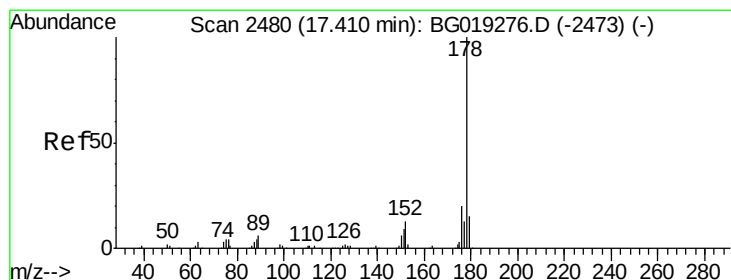
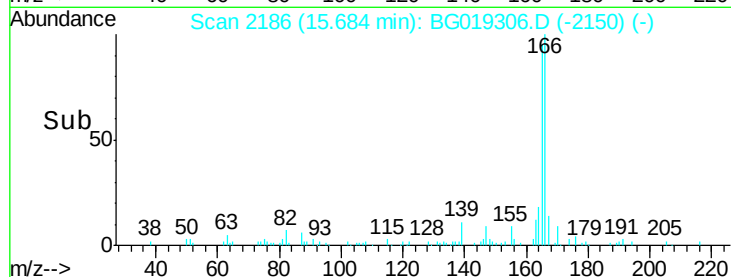
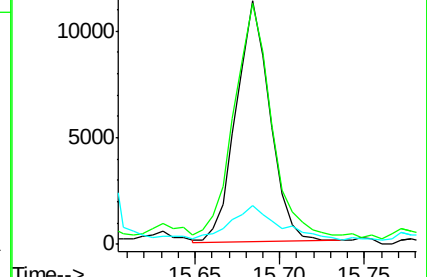
167 15.9 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 3.76 ng/ul

RT: 17.43 min Scan# 2483

Delta R.T. 0.01 min

Lab File: BG019306.D

Acq: 22 Oct 2015 7:28

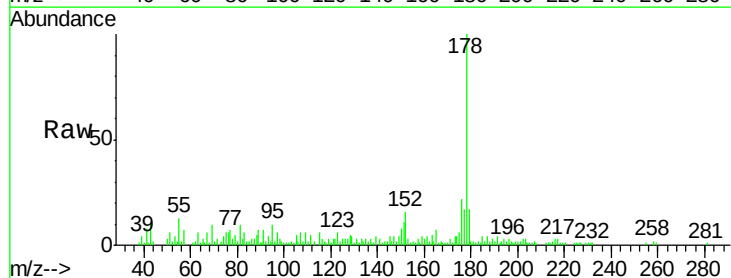
Tgt Ion:178 Resp: 27100

Ion Ratio Lower Upper

178 100

179 17.3 12.5 18.7

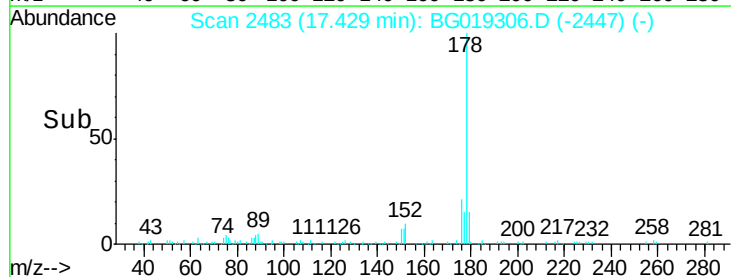
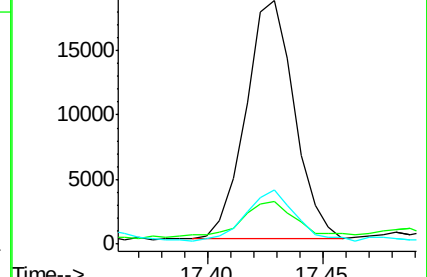
176 22.4 15.4 23.0

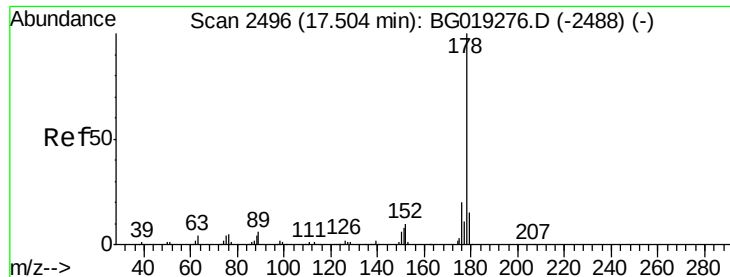


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 3.73 ng/ul

RT: 17.43 min Scan# 2483

Delta R.T. -0.07 min

Lab File: BG019306.D

Acq: 22 Oct 2015 7:28

Instrument :

BNA_G

ClientSampleId :

E5LK7RXDL

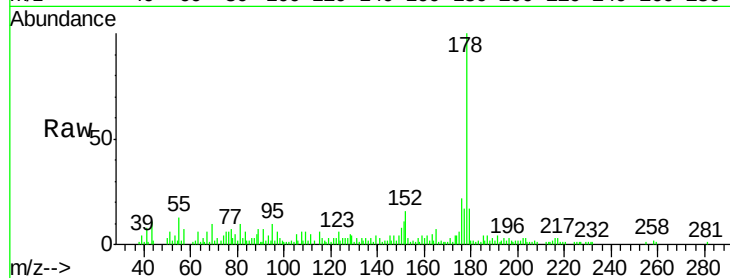
Tgt Ion:178 Resp: 27327

Ion Ratio Lower Upper

178 100

179 17.3 12.2 18.4

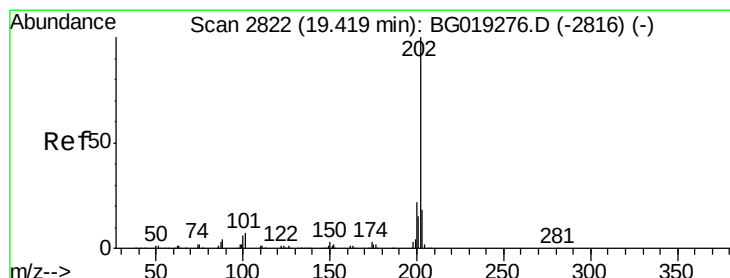
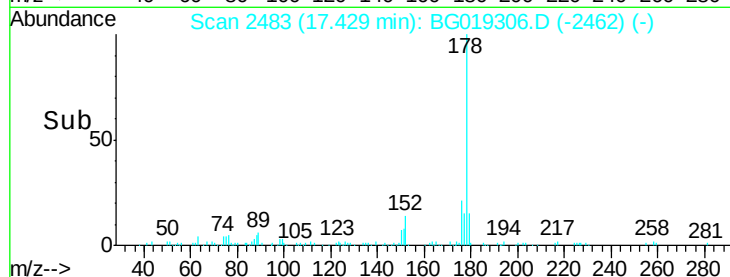
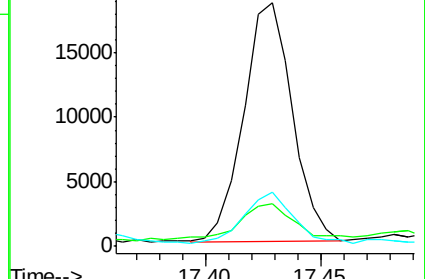
176 22.4 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 1.06 ng/ul

RT: 19.43 min Scan# 2824

Delta R.T. 0.01 min

Lab File: BG019306.D

Acq: 22 Oct 2015 7:28

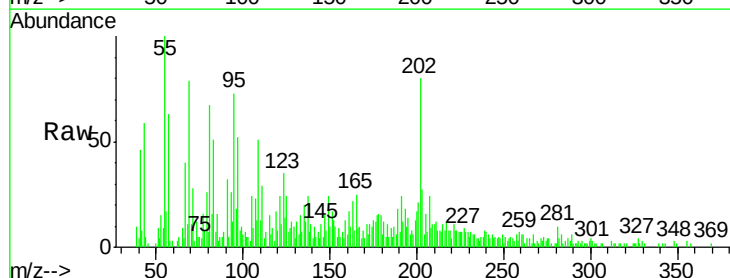
Tgt Ion:202 Resp: 9597

Ion Ratio Lower Upper

202 100

101 8.8 9.0 13.4#

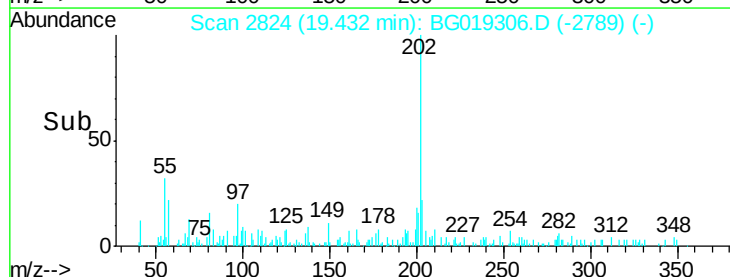
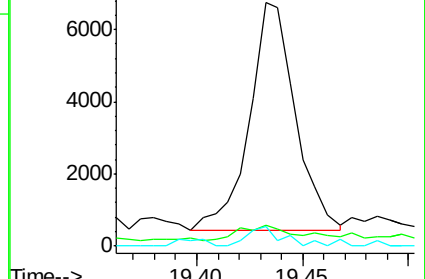
100 7.9 6.9 10.3

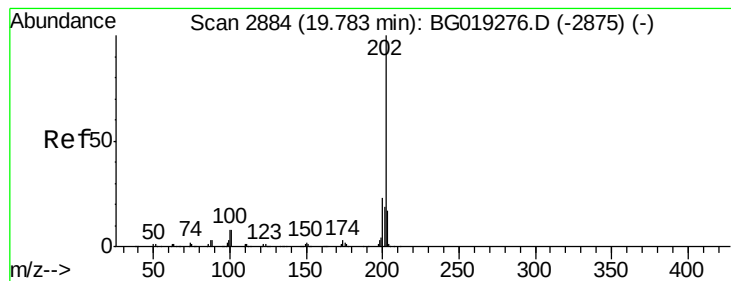


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pyrene

Concen: 1.06 ng/ul

RT: 19.80 min Scan# 2886

Delta R.T. 0.01 min

Lab File: BG019306.D

Acq: 22 Oct 2015 7:28

Instrument :

BNA_G

ClientSampleId :

E5LK7RXDL

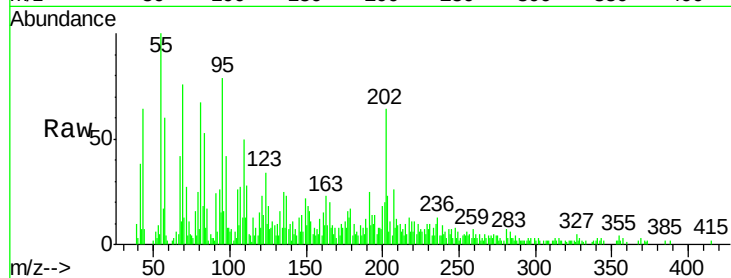
Tgt Ion: 202 Resp: 9281

Ion Ratio Lower Upper

202 100

101 10.9 10.2 15.2

100 9.8 8.5 12.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

