

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
 Data File : BG019340.D
 Acq On : 24 Oct 2015 17:51
 Operator : UM/NP
 Sample : G4058-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LR8

Quant Time: Oct 25 04:45:48 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 25 03:28:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	42822	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	174889	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	137338	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.59	188	372087	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	457131	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	432779	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	1854	2.40	ng/uL	0.00
5) Phenol-d5	7.37	99	50729	13.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	39731	17.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	37471	15.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	43079	14.67	ng/ul	0.00
19) Nitrobenzene-d5	9.40	128	20343	15.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	24084	15.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	47484	14.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	8320	2.53	ng/ul	0.00
44) Dimethylphthalate-d6	14.25	166	202784	17.81	ng/ul	0.00
47) Acenaphthylene-d8	14.55	160	213576	16.95	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	4817	2.60	ng/ul	0.00
58) Fluorene-d10	15.84	176	178296	16.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.94	200	31717	12.95	ng/ul	0.00
71) Anthracene-d10	17.69	188	290489	17.05	ng/ul	0.00
79) Pyrene-d10	19.96	212	333311	16.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	369976	16.76	ng/ul	0.00

Target Compounds

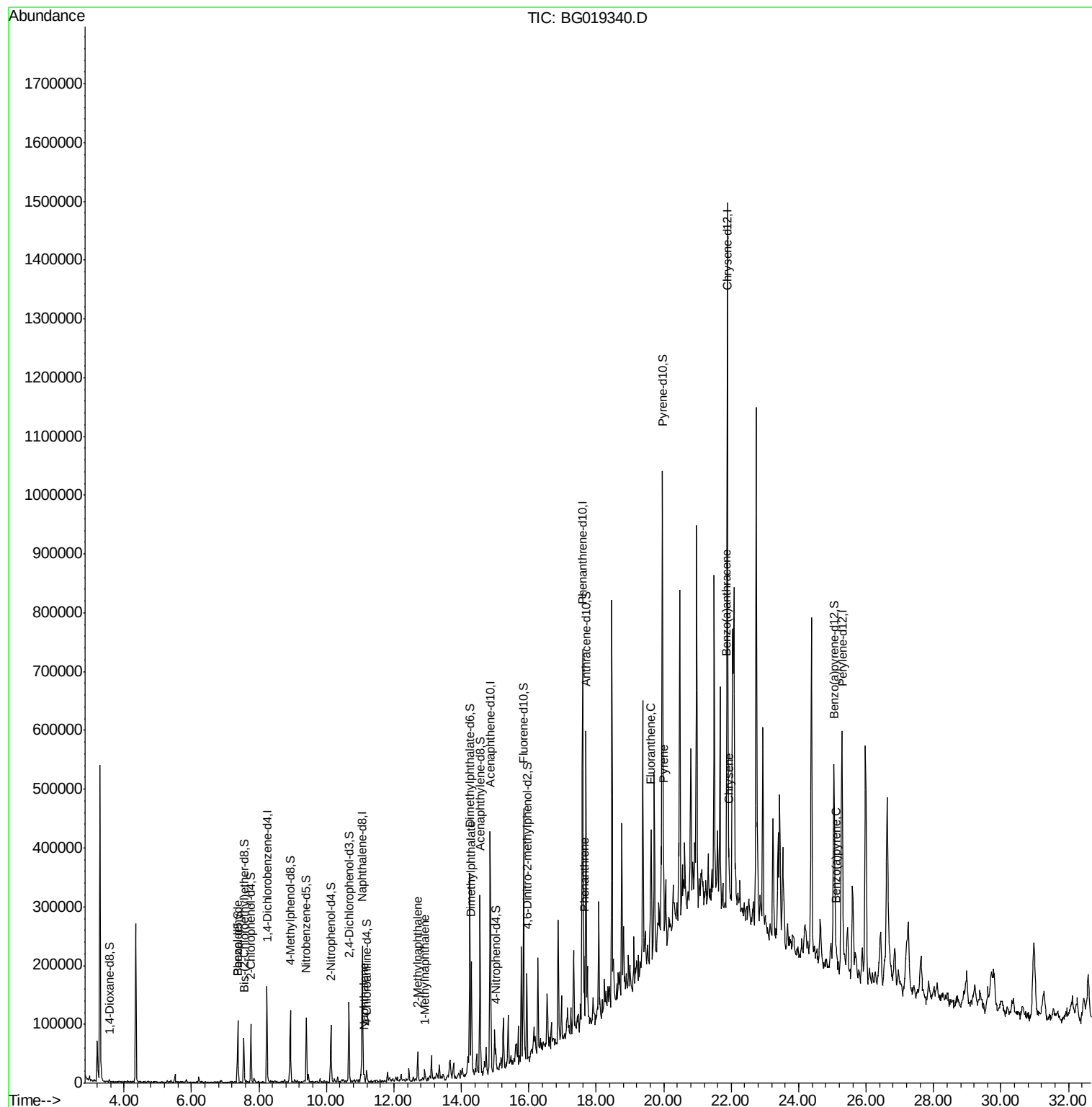
						Ovalue
4) Benzaldehyde	7.37	77	4553	1.95	ng/ul	93
28) Naphthalene	11.12	128	9752	1.12	ng/ul#	92
34) 2-Methylnaphthalene	12.70	142	8339	1.15	ng/ul	94
35) 1-Methylnaphthalene	12.92	142	6923	1.03	ng/ul#	85
45) Dimethylphthalate	14.30	163	114414	10.06	ng/ul#	97
70) Phenanthrene	17.64	178	61774	3.28	ng/ul#	92
77) Fluoranthene	19.63	202	83224	3.30	ng/ul#	94
80) Pyrene	19.99	202	88580	3.46	ng/ul#	92
83) Benzo(a)anthracene	21.86	228	56044	2.11	ng/ul#	93
85) Chrysene	21.93	228	65378	2.68	ng/ul	94
91) Benzo(a)pyrene	25.12	252	39336	1.60	ng/ul#	84

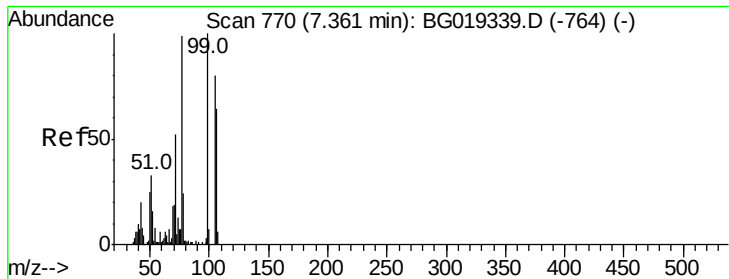
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.95 ng/ul

RT: 7.37 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG019340.D

Acq: 24 Oct 2015 17:51

Instrument :

BNA_G

ClientSampleId :

E5LR8

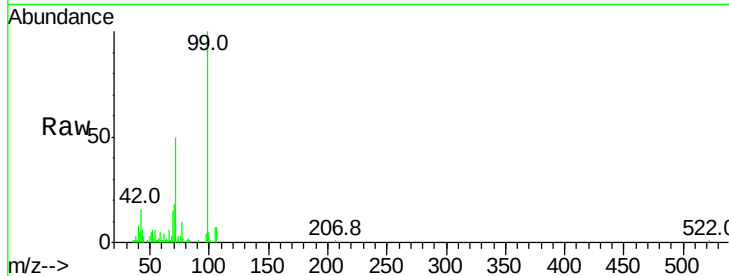
Tot Ion: 77 Resp: 4553

Ion Ratio Lower Upper

77 100

105 69.6 61.6 92.4

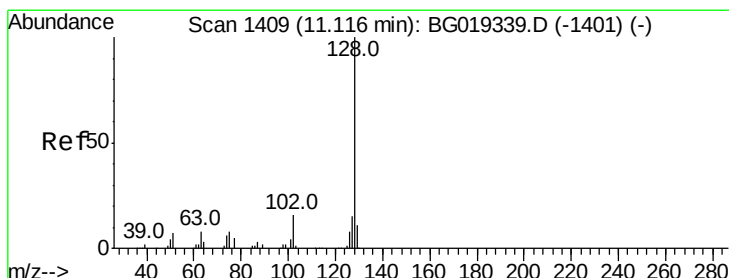
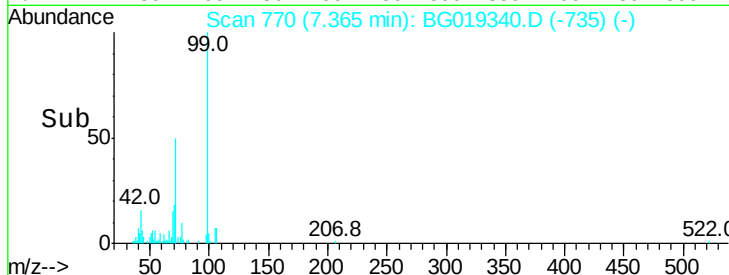
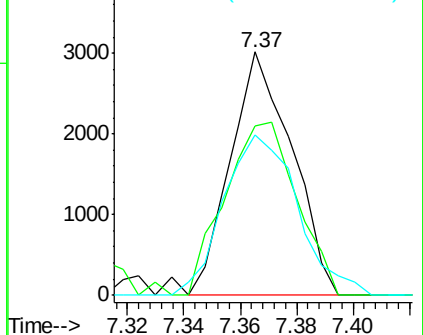
106 65.8 56.4 84.6



Abundance Ion 77.00 (76.70 to 77.70): BG019339.D (-764) (-)

Ion 105.00 (104.70 to 105.70): BG019339.D (-764) (-)

Ion 106.00 (105.70 to 106.70): BG019339.D (-764) (-)



#28

Naphthalene

Concen: 1.12 ng/ul

RT: 11.12 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BG019340.D

Acq: 24 Oct 2015 17:51

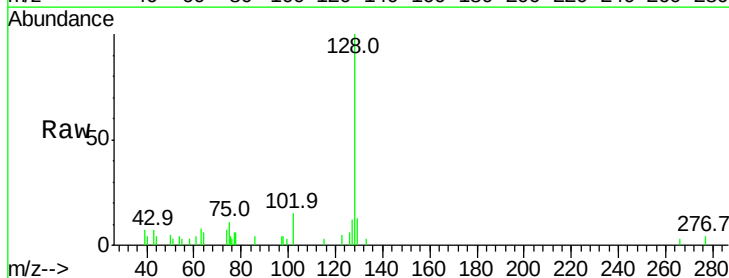
Tgt Ion: 128 Resp: 9752

Ion Ratio Lower Upper

128 100

129 13.3 8.9 13.3#

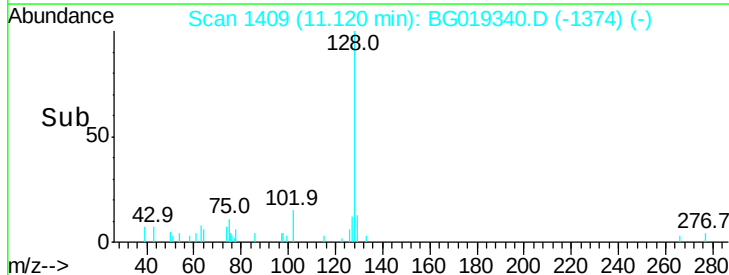
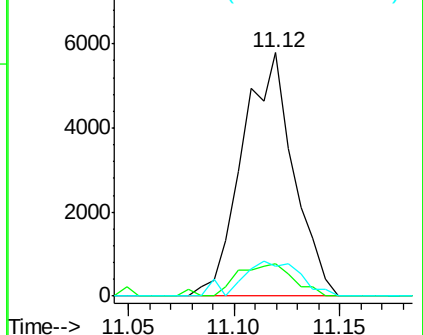
127 12.1 13.1 19.7#

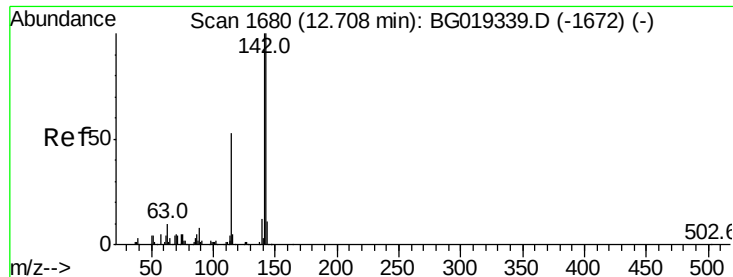


Abundance Ion 128.00 (127.70 to 128.70): BG019339.D (-1401) (-)

Ion 129.00 (128.70 to 129.70): BG019339.D (-1401) (-)

Ion 127.00 (126.70 to 127.70): BG019339.D (-1401) (-)





#34

2-Methylnaphthalene

Concen: 1.15 ng/ul

RT: 12.70 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG019340.D

Acq: 24 Oct 2015 17:51

Instrument :

BNA_G

ClientSampleId :

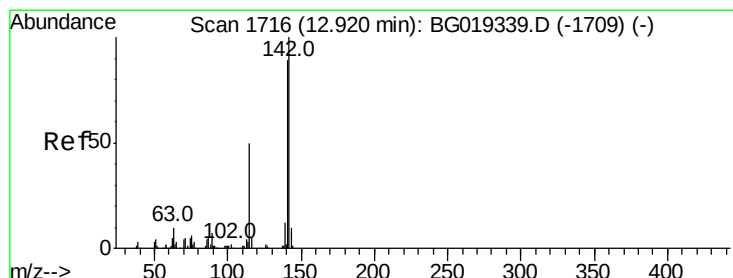
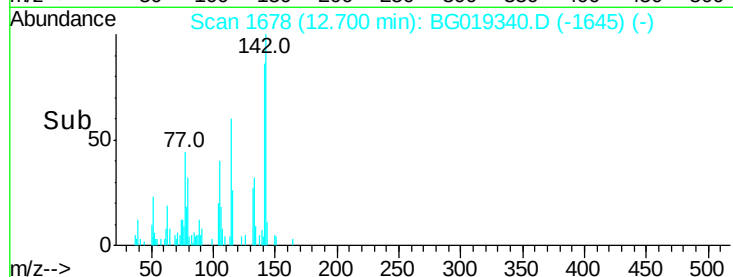
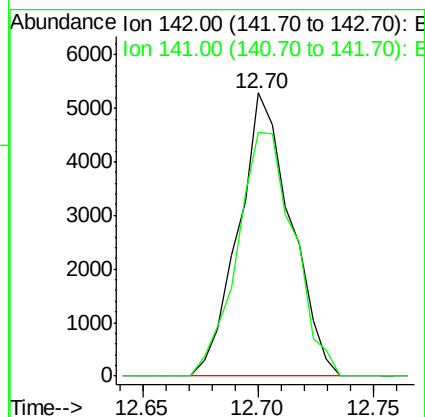
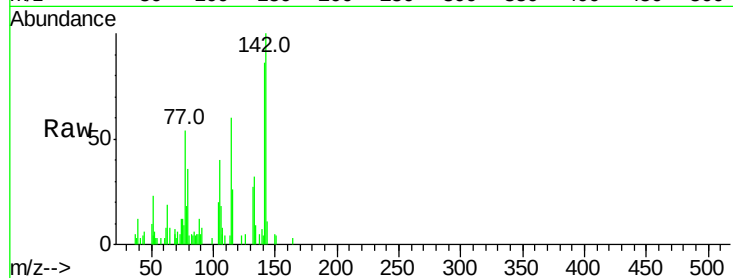
E5LR8

Tot Ion:142 Resp: 8339

Ion Ratio Lower Upper

142 100

141 86.2 73.4 110.2



#35

1-Methylnaphthalene

Concen: 1.03 ng/ul

RT: 12.92 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BG019340.D

Acq: 24 Oct 2015 17:51

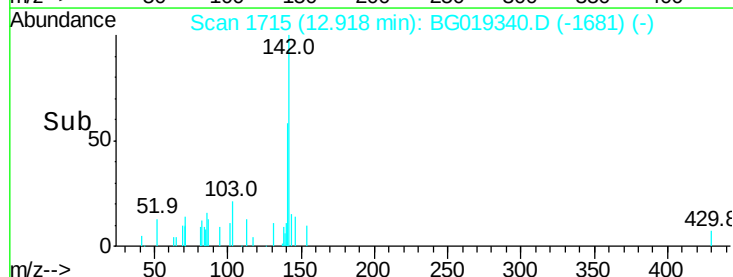
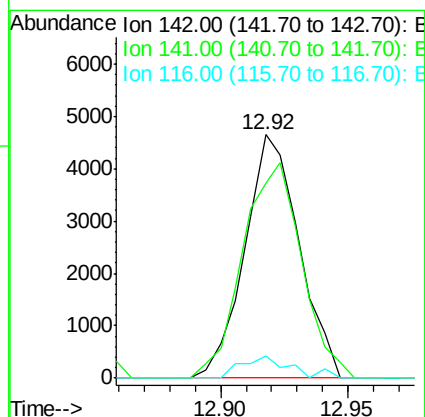
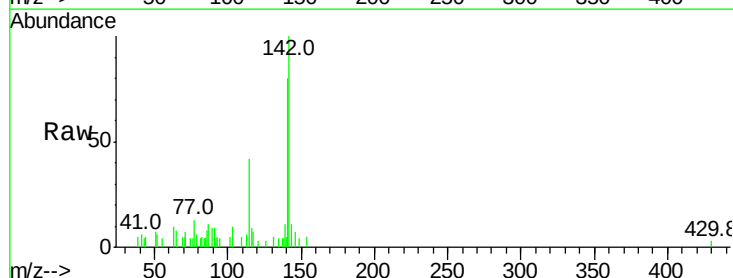
Tgt Ion:142 Resp: 6923

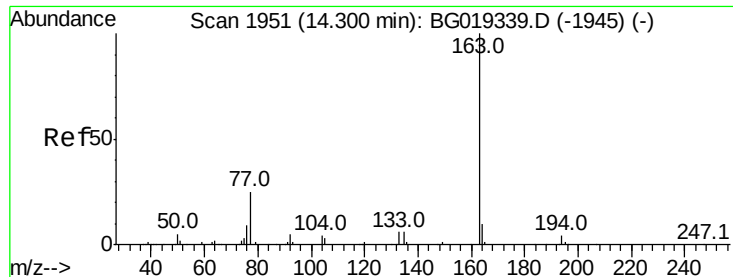
Ion Ratio Lower Upper

142 100

141 80.3 76.5 114.7

116 8.9 5.4 8.0#

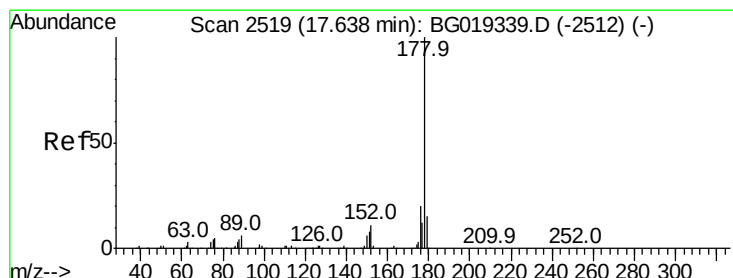
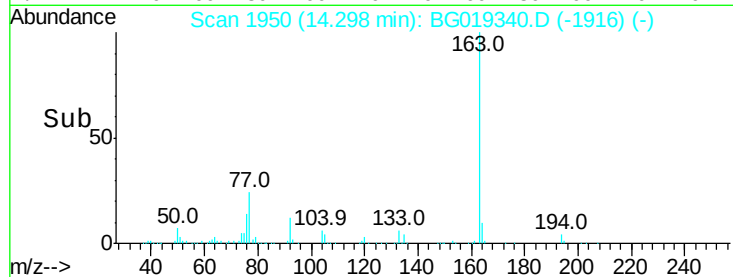
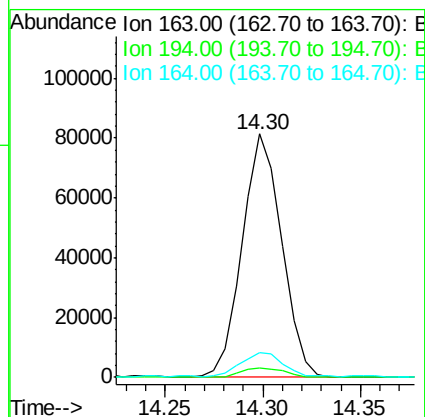
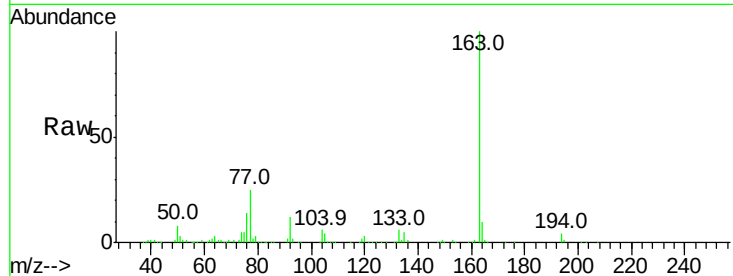




#45
Dimethylphthalate
Concen: 10.06 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG019340.D
Acq: 24 Oct 2015 17:51

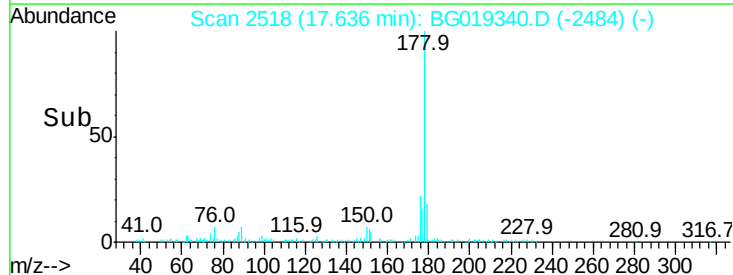
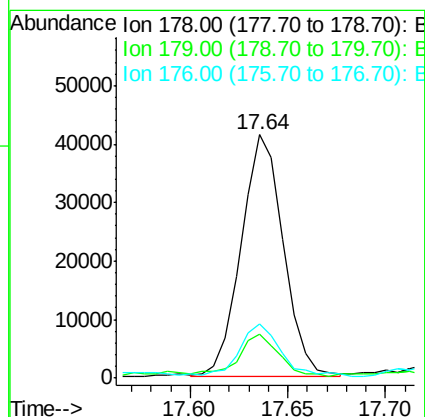
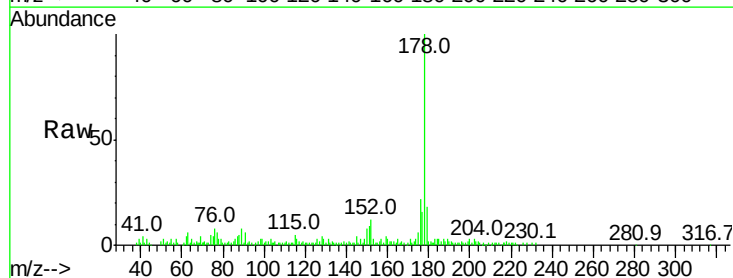
Instrument :
BNA_G
ClientSampleId :
E5LR8

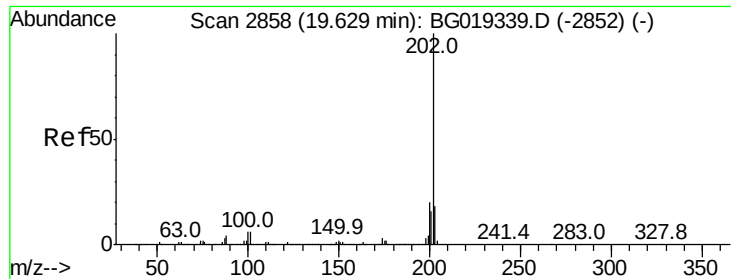
Tot Ion:163 Resp: 114414
Ion Ratio Lower Upper
163 100
194 3.8 4.3 6.5#
164 10.3 7.5 11.3



#70
Phenanthrene
Concen: 3.28 ng/ul
RT: 17.64 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BG019340.D
Acq: 24 Oct 2015 17:51

Tgt Ion:178 Resp: 61774
Ion Ratio Lower Upper
178 100
179 18.2 12.6 18.8
176 22.2 14.3 21.5#





#77

Fluoranthene

Concen: 3.30 ng/ul

RT: 19.63 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BG019340.D

Acq: 24 Oct 2015 17:51

Instrument :

BNA_G

ClientSampleId :

E5LR8

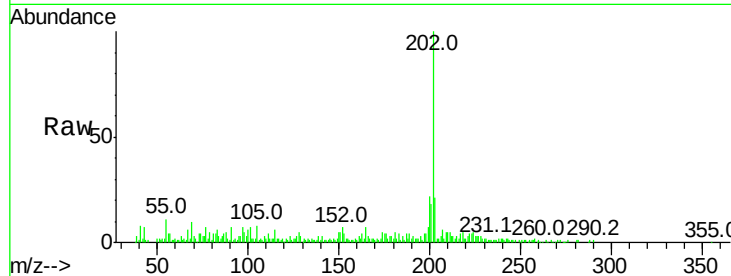
Tot Ion:202 Resp: 83224

Ion Ratio Lower Upper

202 100

101 6.9 4.0 6.0#

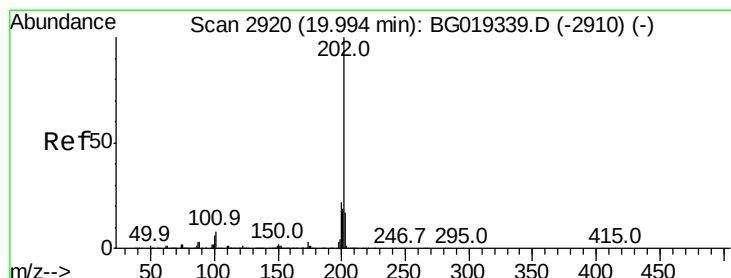
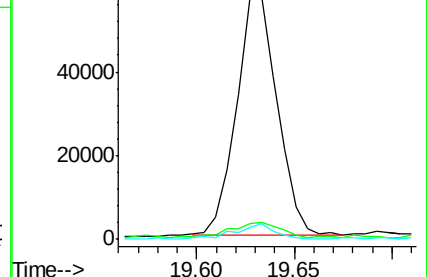
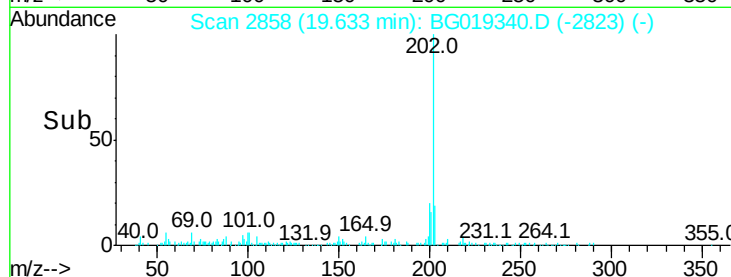
100 6.4 3.6 5.4#



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



#80

Pyrene

Concen: 3.46 ng/ul

RT: 19.99 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BG019340.D

Acq: 24 Oct 2015 17:51

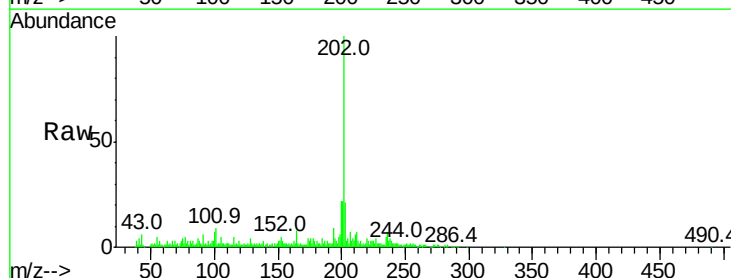
Tgt Ion:202 Resp: 88580

Ion Ratio Lower Upper

202 100

101 8.8 4.3 6.5#

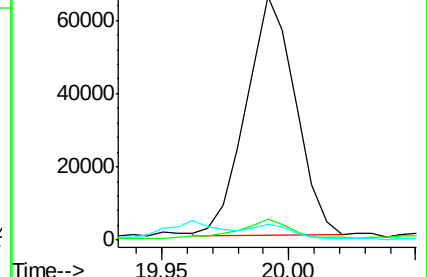
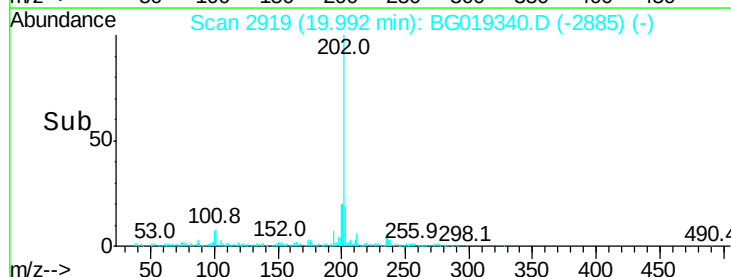
100 6.5 3.6 5.4#

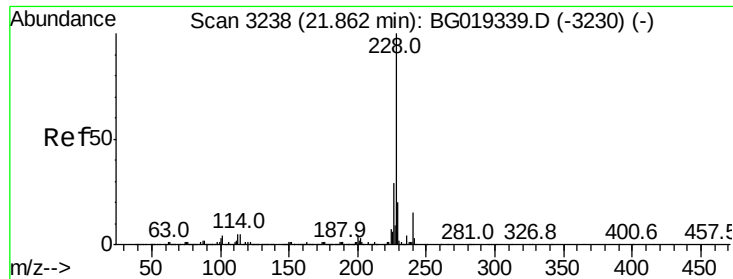


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 2.11 ng/ul

RT: 21.86 min Scan# 3237

Delta R.T. -0.00 min

Lab File: BG019340.D

Acq: 24 Oct 2015 17:51

Instrument :

BNA_G

ClientSampleId :

E5LR8

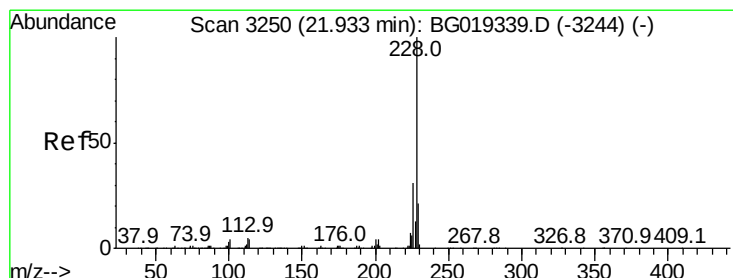
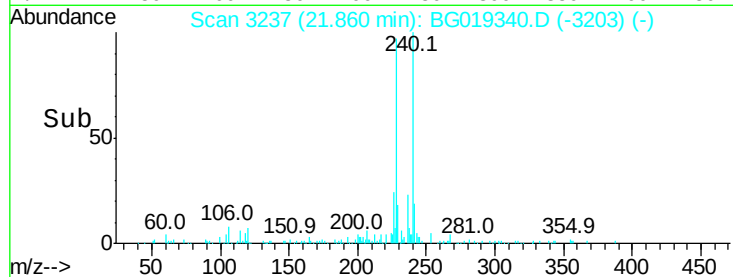
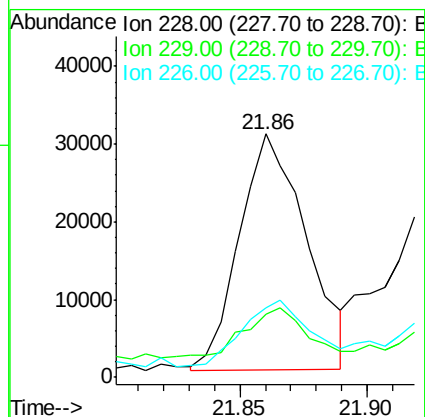
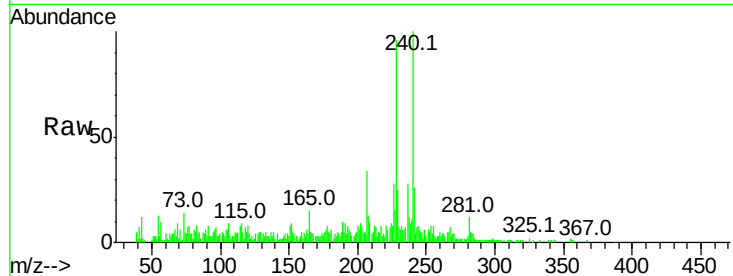
Tot Ion:228 Resp: 56044

Ion Ratio Lower Upper

228 100

229 26.0 15.8 23.8#

226 28.7 21.8 32.6



#85

Chrysene

Concen: 2.68 ng/ul

RT: 21.93 min Scan# 3249

Delta R.T. -0.00 min

Lab File: BG019340.D

Acq: 24 Oct 2015 17:51

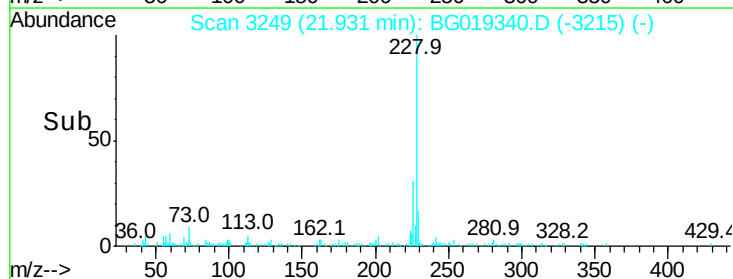
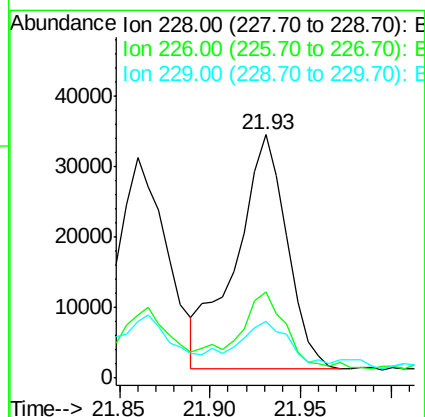
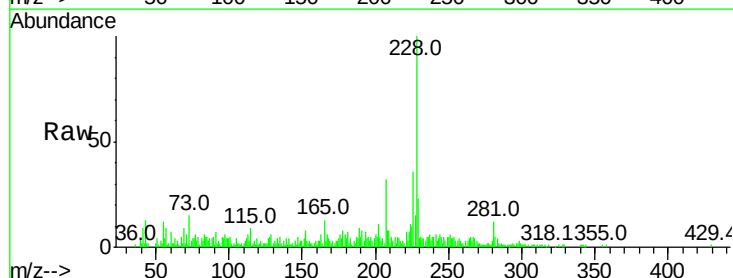
Tgt Ion:228 Resp: 65378

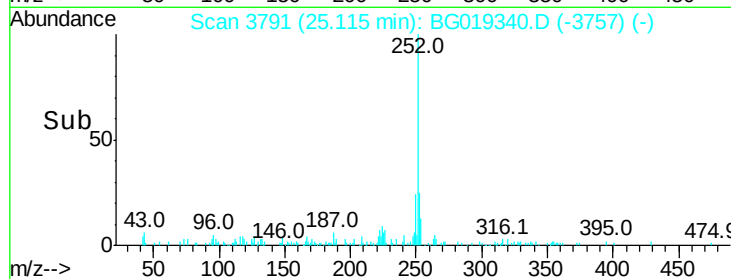
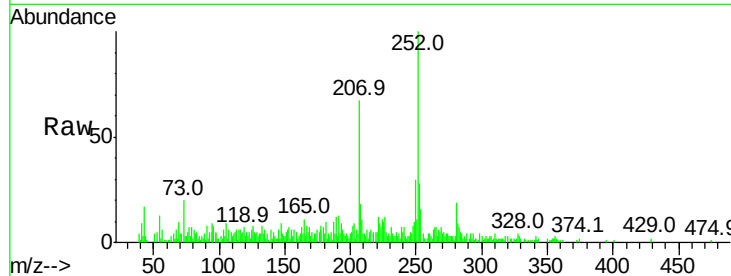
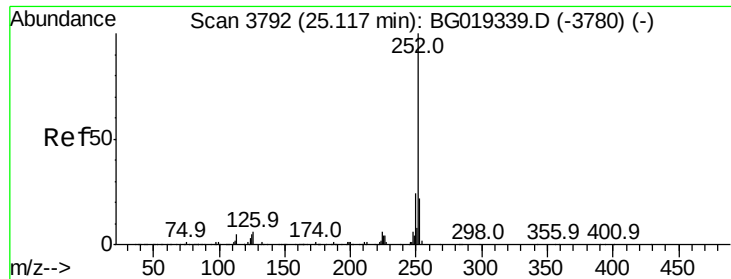
Ion Ratio Lower Upper

228 100

226 35.5 24.6 36.8

229 23.1 17.3 25.9





#91

Benzo(a)pyrene

Concen: 1.60 ng/ul

RT: 25.12 min Scan# 3791

Delta R.T. -0.00 min

Lab File: BG019340.D

Acq: 24 Oct 2015 17:51

Instrument :

BNA_G

ClientSampleId :

E5LR8

Tot Ion:252 Resp: 39336

Ion Ratio Lower Upper

252 100

253 28.4 16.0 24.0#

125 5.6 3.3 4.9#

