

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
 Data File : BG020404.D
 Acq On : 22 Dec 2015 8:46
 Operator : UM/SJ
 Sample : G4848-14DL 25X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N60DL

Quant Time: Dec 22 13:58:14 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 05:02:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	14069	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	64366	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	49775	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	128666	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	156861	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	138407	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.25	99	482	0.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	629	0.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	651	0.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	716	0.67	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	246	0.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	306	0.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	689	0.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	1107	0.87	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	4027	1.00	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	4673	1.00	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	4170	1.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.57	188	6833	1.15	ng/ul	0.00
79) Pyrene-d10	19.84	212	7488	1.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	6681	0.97	ng/ul	-0.01

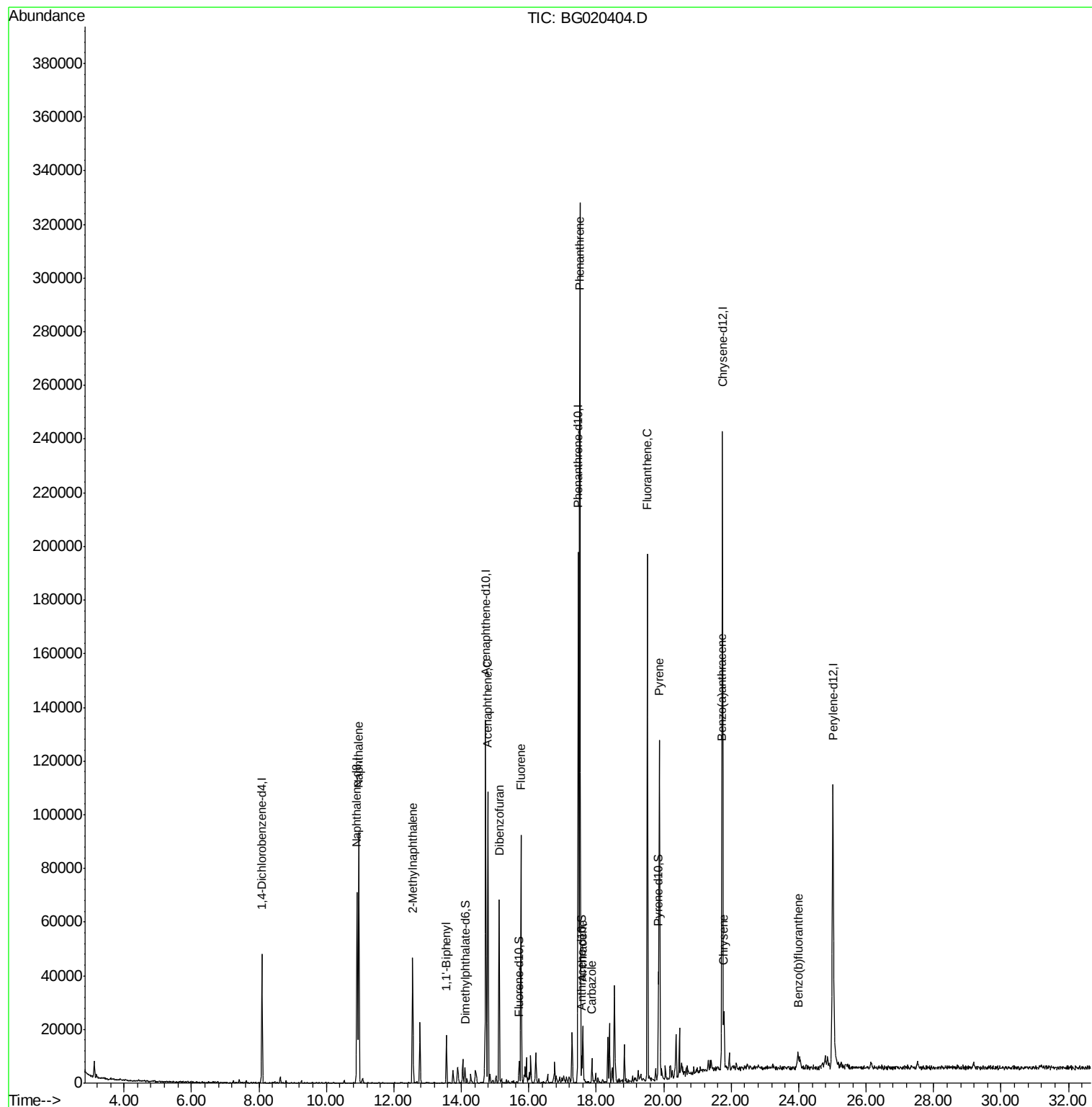
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.96	128	83801	24.93	ng/ul	99
34) 2-Methylnaphthalene	12.55	142	24474	9.53	ng/ul	93
41) 1,1'-Biphenyl	13.56	154	10562	2.81	ng/ul	99
50) Acenaphthene	14.79	153	47116	14.07	ng/ul	98
54) Dibenzofuran	15.12	168	48003	9.64	ng/ul	99
59) Fluorene	15.77	166	42408	10.60	ng/ul	98
70) Phenanthrene	17.51	178	223286	31.73	ng/ul	99
72) Anthracene	17.60	178	16734	2.34	ng/ul	95
75) Carbazole	17.87	167	8011	1.34	ng/ul	99
77) Fluoranthene	19.52	202	134519	16.35	ng/ul	97
80) Pyrene	19.87	202	91423	9.63	ng/ul	99
83) Benzo(a)anthracene	21.72	228	20485	2.24	ng/ul	99
85) Chrysene	21.79	228	18028	2.09	ng/ul	98
88) Benzo(b)fluoranthene	23.98	252	8586	1.03	ng/ul#	91

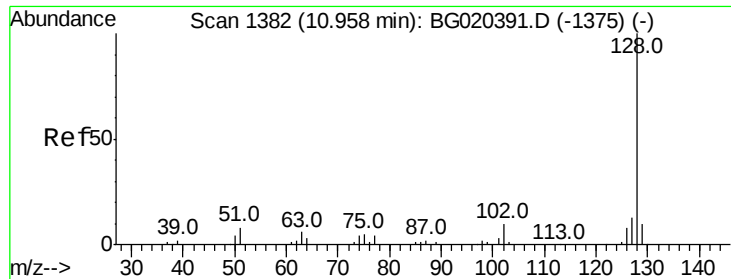
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 25 Sample Multiplier: 1

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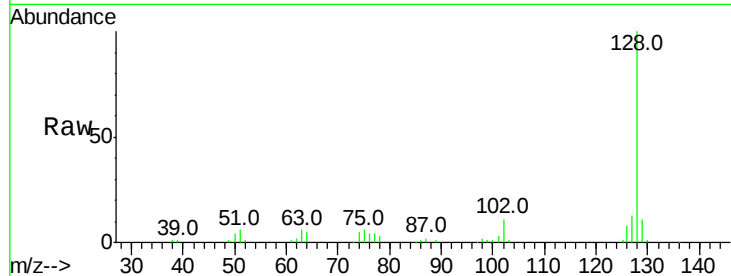




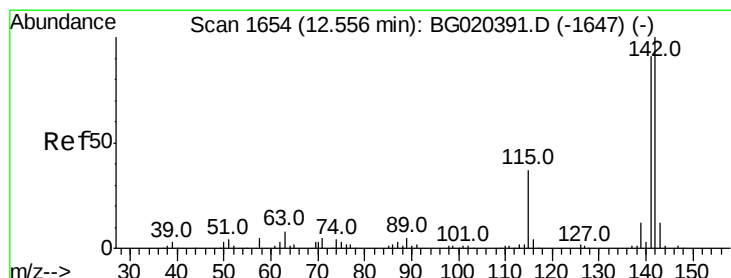
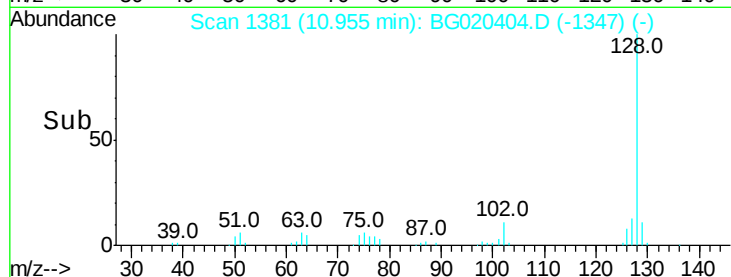
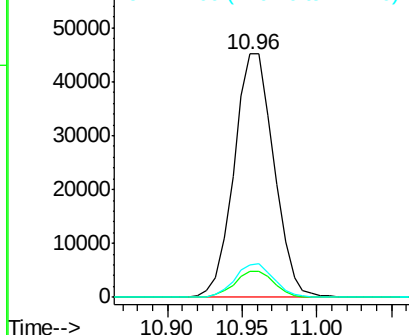
#28
Naphthalene
Concen: 24.93 ng/ul
RT: 10.96 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG020404.D
Acq: 22 Dec 2015 8:46

Instrument :
BNA_G
ClientSampleId :
D9N60DL

Tot Ion:128 Resp: 83801
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.3 10.1 15.1

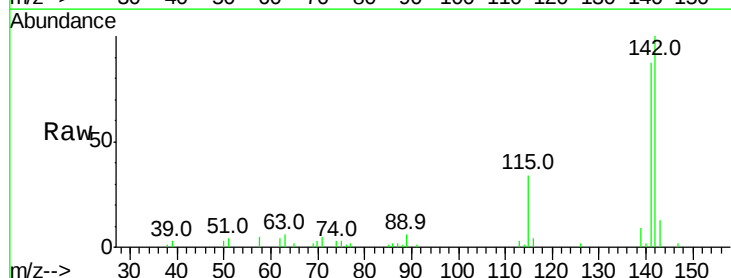


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

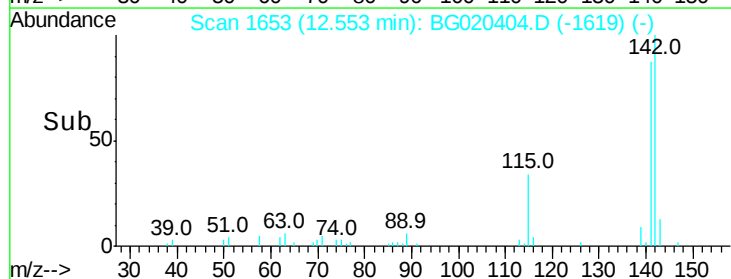
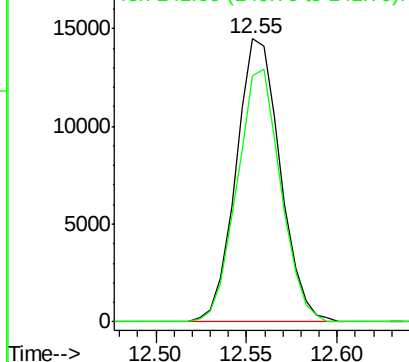


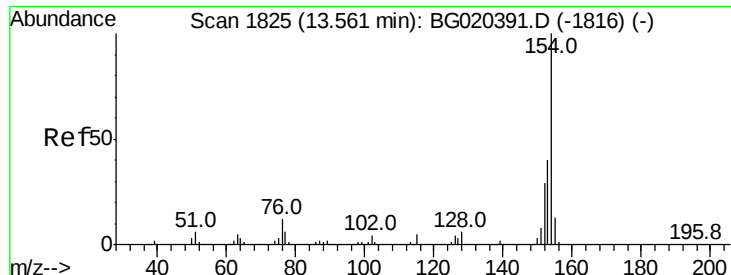
#34
2-Methylnaphthalene
Concen: 9.53 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BG020404.D
Acq: 22 Dec 2015 8:46

Tgt Ion:142 Resp: 24474
Ion Ratio Lower Upper
142 100
141 86.9 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

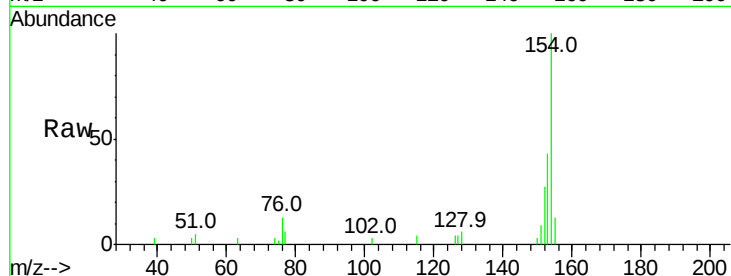




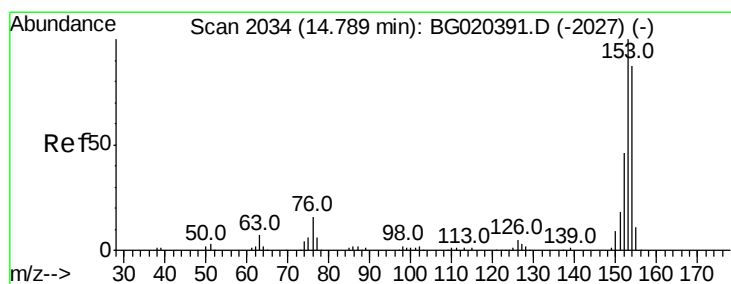
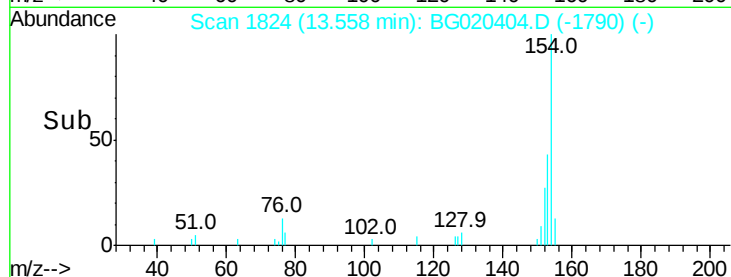
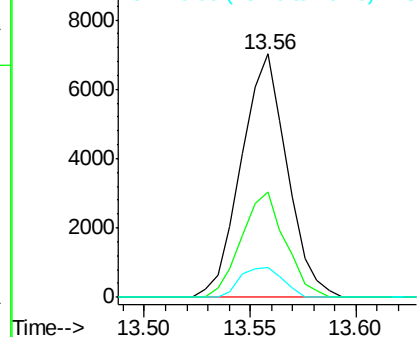
#41
1,1'-Biphenyl
Concen: 2.81 ng/ul
RT: 13.56 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG020404.D
Acq: 22 Dec 2015 8:46

Instrument :
BNA_G
ClientSampleId :
D9N60DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.4	35.5	53.3
76	12.5	10.4	15.6

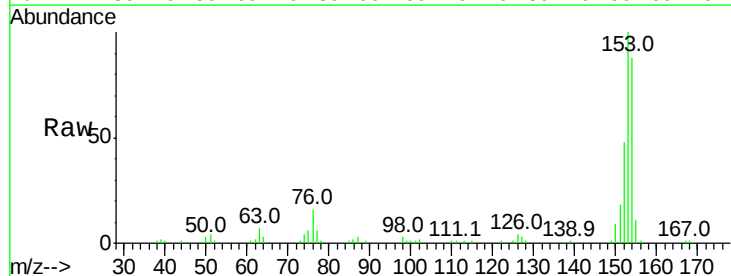


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B

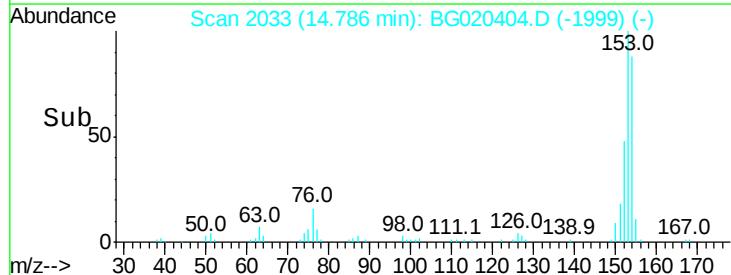
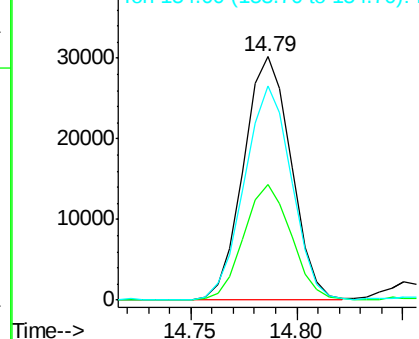


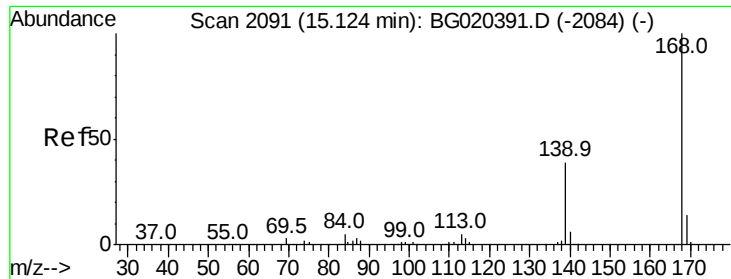
#50
Acenaphthene
Concen: 14.07 ng/ul
RT: 14.79 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG020404.D
Acq: 22 Dec 2015 8:46

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.6	56.4
154	88.0	67.9	101.9



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

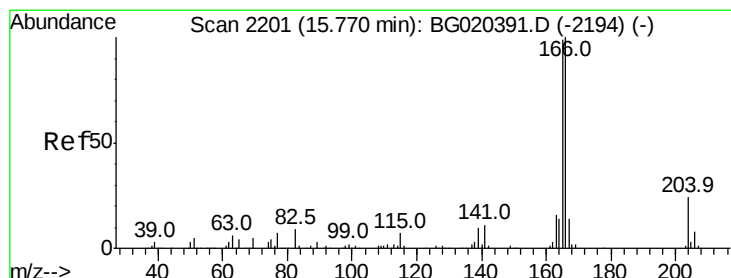
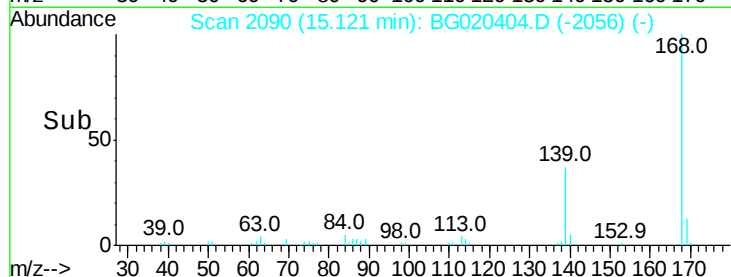
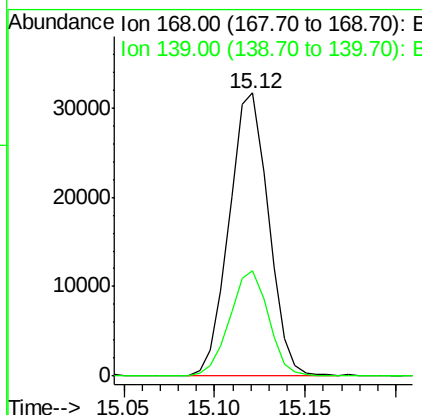
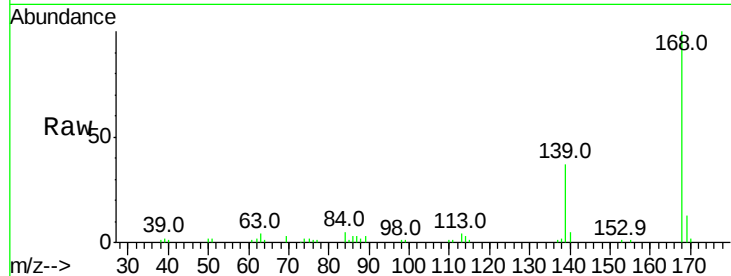




#54
Dibenzenofuran
Concen: 9.64 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG020404.D
Acq: 22 Dec 2015 8:46

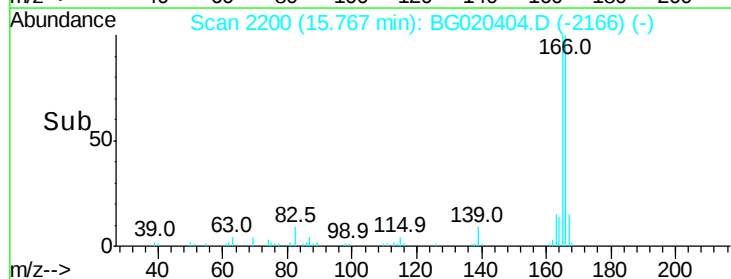
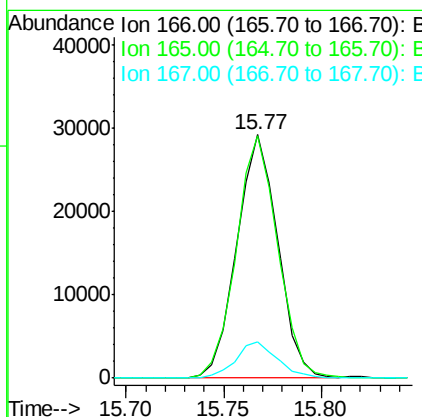
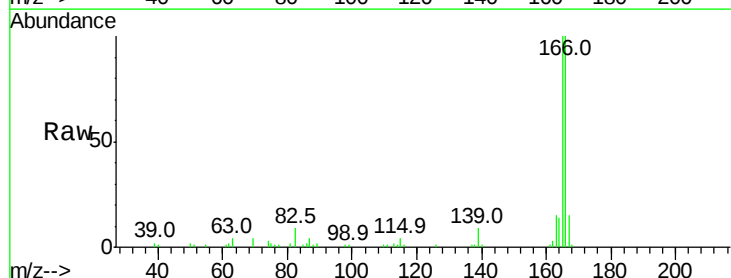
Instrument :
BNA_G
ClientSampleId :
D9N60DL

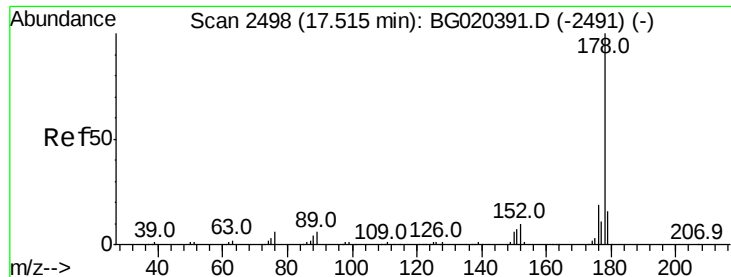
Tot Ion:168 Resp: 48003
Ion Ratio Lower Upper
168 100
139 37.4 30.5 45.7



#59
Fluorene
Concen: 10.60 ng/ul
RT: 15.77 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG020404.D
Acq: 22 Dec 2015 8:46

Tgt Ion:166 Resp: 42408
Ion Ratio Lower Upper
166 100
165 99.8 81.4 122.0
167 15.0 11.2 16.8





#70

Phenanthrene

Concen: 31.73 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG020404.D

Acq: 22 Dec 2015 8:46

Instrument :

BNA_G

ClientSampleId :

D9N60DL

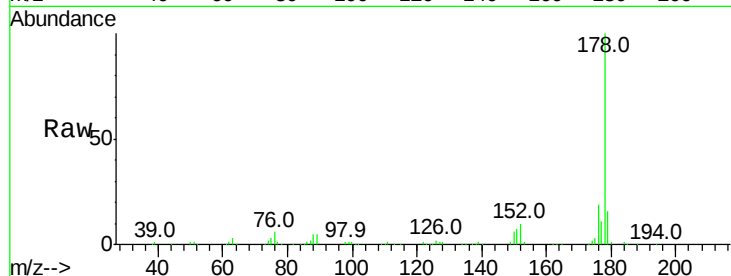
Tot Ion:178 Resp: 223286

Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

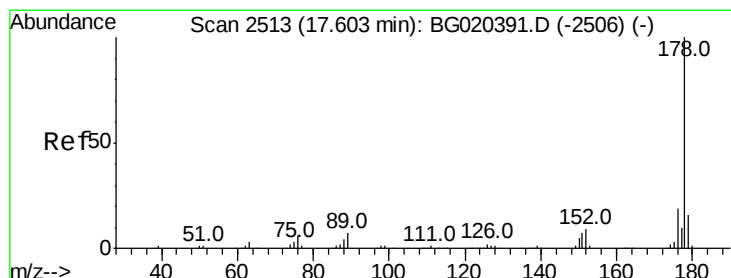
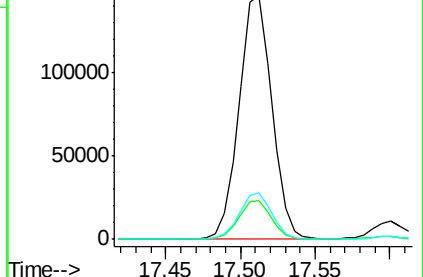
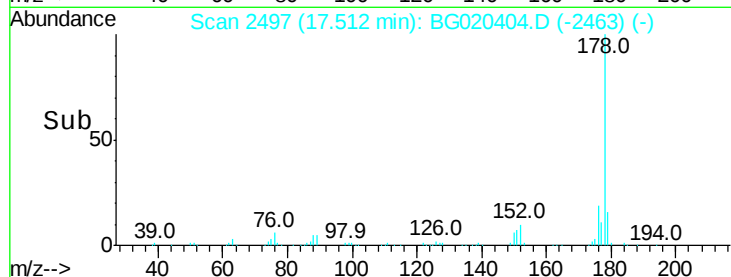
176 18.9 15.3 22.9



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: 2.34 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG020404.D

Acq: 22 Dec 2015 8:46

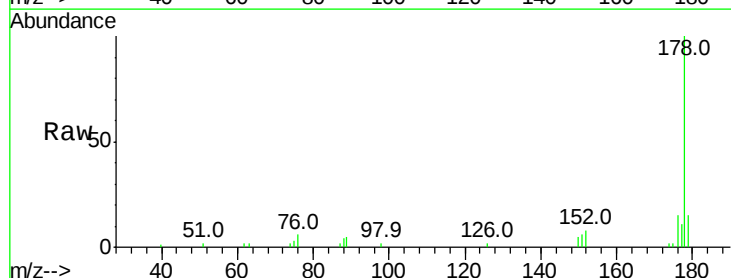
Tgt Ion:178 Resp: 16734

Ion Ratio Lower Upper

178 100

179 14.6 12.3 18.5

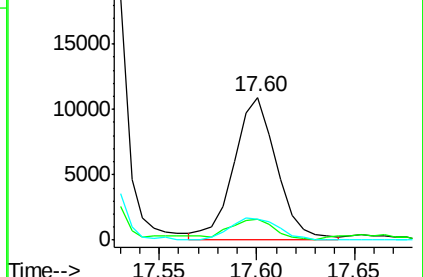
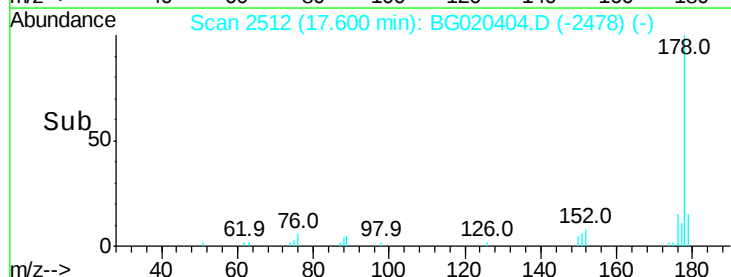
176 14.7 14.3 21.5

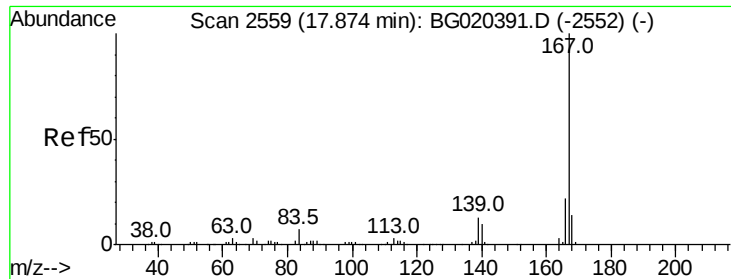


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 1.34 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BG020404.D

Acq: 22 Dec 2015 8:46

Instrument :

BNA_G

ClientSampleId :

D9N60DL

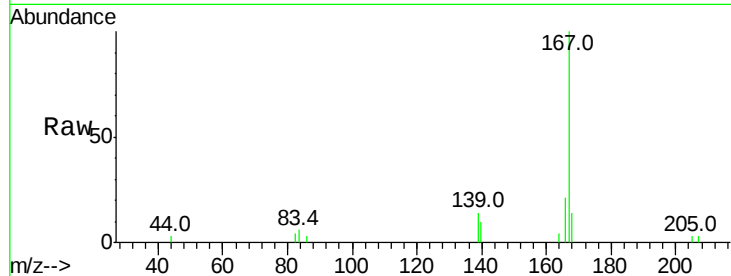
Tot Ion:167 Resp: 8011

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.6

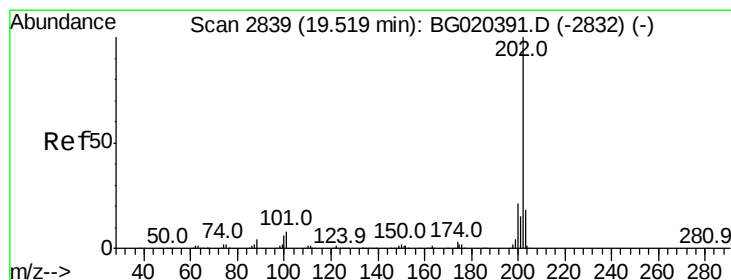
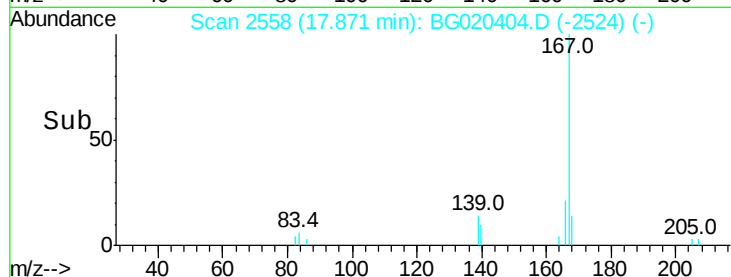
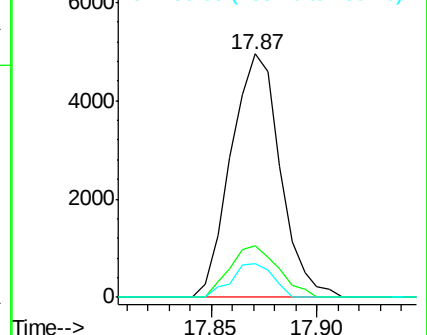
139 13.7 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 16.35 ng/ul

RT: 19.52 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG020404.D

Acq: 22 Dec 2015 8:46

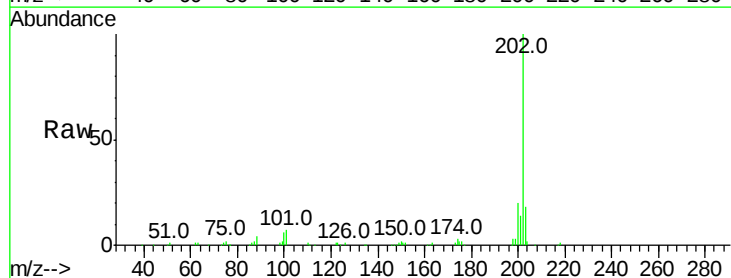
Tgt Ion:202 Resp: 134519

Ion Ratio Lower Upper

202 100

101 6.8 6.2 9.4

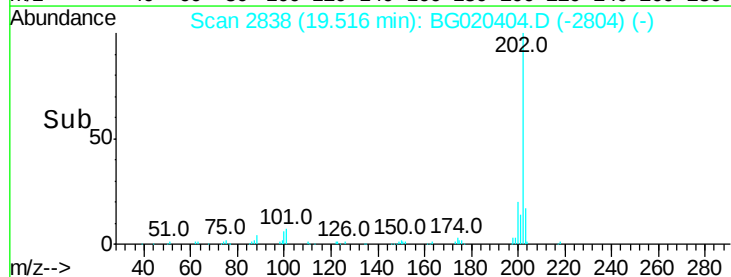
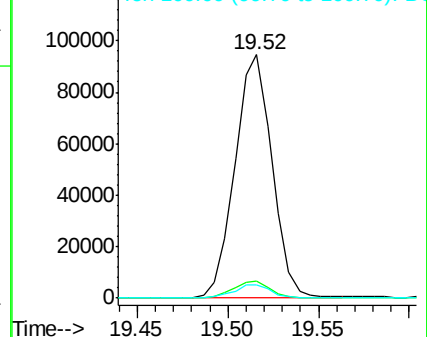
100 5.6 5.1 7.7

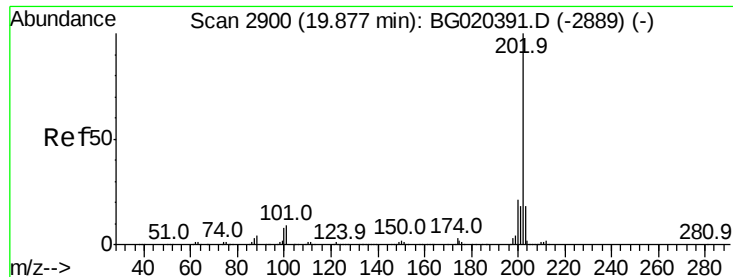


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

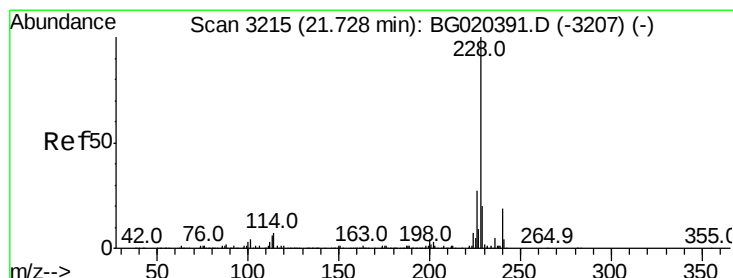
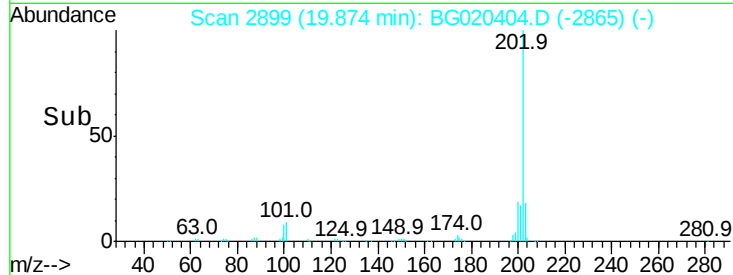
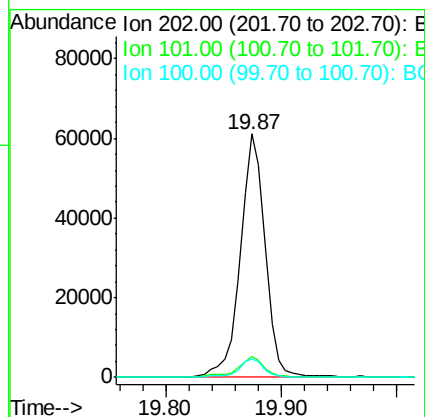
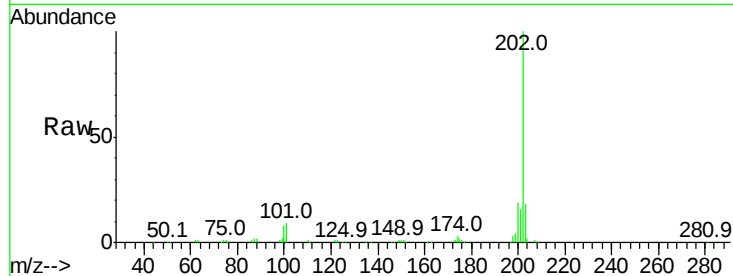




#80
Pvrene
Concen: 9.63 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. -0.00 min
Lab File: BG020404.D
Acq: 22 Dec 2015 8:46

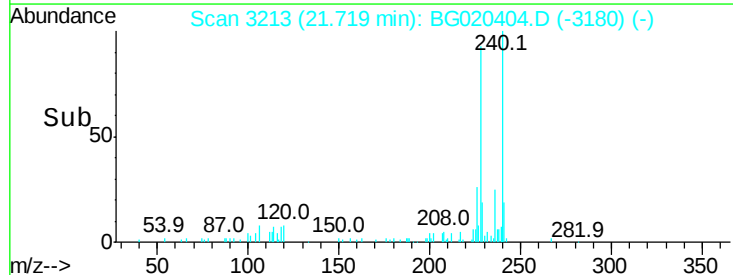
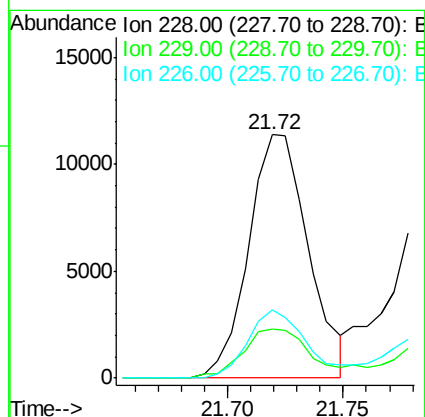
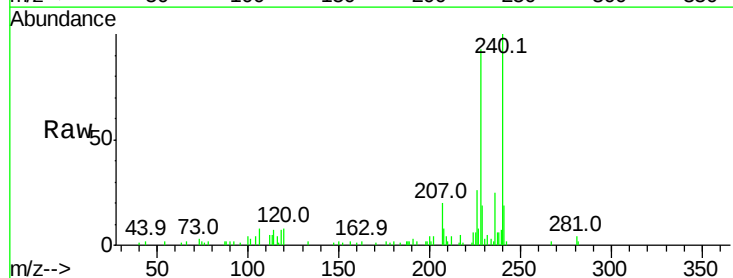
Instrument :
BNA_G
ClientSampleId :
D9N60DL

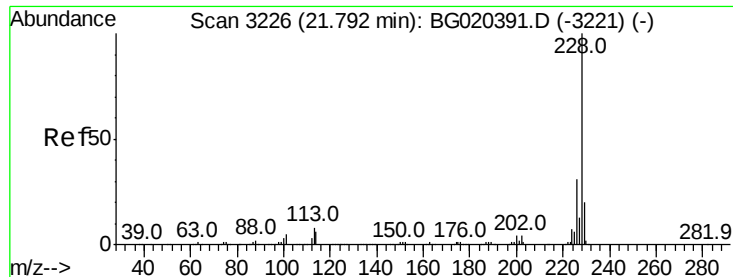
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.4
100	7.7	6.4	9.6



#83
Benzo(a)anthracene
Concen: 2.24 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. -0.01 min
Lab File: BG020404.D
Acq: 22 Dec 2015 8:46

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.8
226	27.9	21.8	32.6

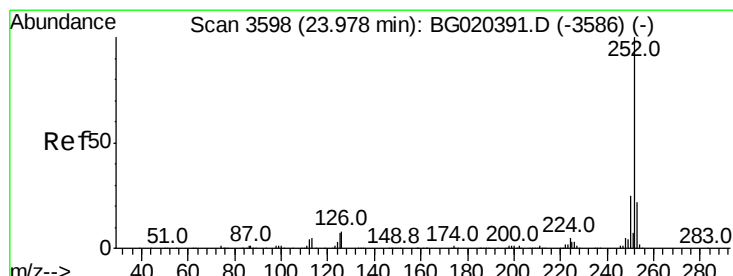
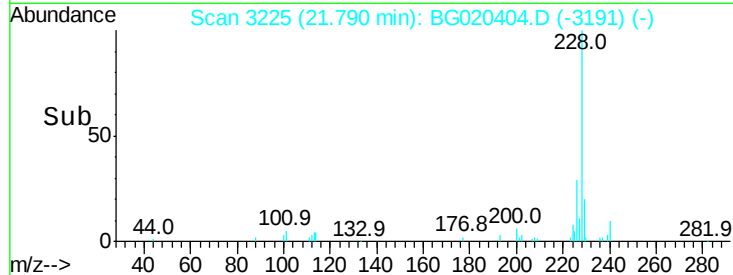
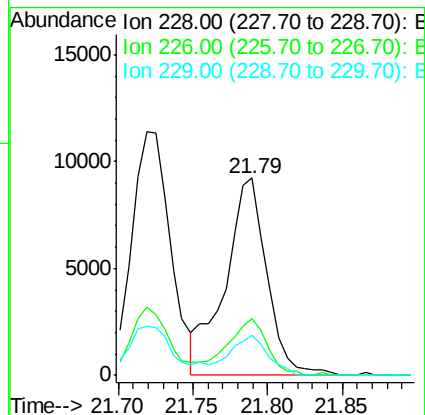
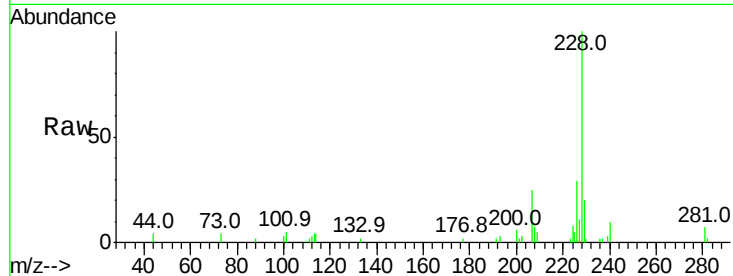




#85
 Chrysene
 Concen: 2.09 ng/ul
 RT: 21.79 min Scan# 3225
 Delta R.T. -0.00 min
 Lab File: BG020404.D
 Acq: 22 Dec 2015 8:46

Instrument :
 BNA_G
 ClientSampleId :
 D9N60DL

Tot Ion:228	Resp:	18028
Ion Ratio	Lower	Upper
228	100	
226	28.6	23.9 35.9
229	20.2	15.6 23.4



#88
 Benzo(b)fluoranthene
 Concen: 1.03 ng/ul
 RT: 23.98 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: BG020404.D
 Acq: 22 Dec 2015 8:46

Tgt Ion:252	Resp:	8586
Ion Ratio	Lower	Upper
252	100	
253	25.6	16.7 25.1#
125	5.7	6.2 9.2#

