

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
 Data File : BG020462.D
 Acq On : 24 Dec 2015 3:21
 Operator : UM/SJ
 Sample : G4848-04DL 20X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N50MEDL

Quant Time: Dec 24 06:31:34 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 02:43:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	15615	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	67682	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	49029	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	123970	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	155331	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	146964	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.25	99	906	0.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	641	0.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	904	0.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	692	0.59	ng/ul	0.01
19) Nitrobenzene-d5	9.27	128	282	0.53	ng/ul	0.01
22) 2-Nitrophenol-d4	9.99	143	384	0.65	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.52	165	915	0.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	826	0.62	ng/ul	0.01
44) Dimethylphthalate-d6	14.11	166	4881	1.23	ng/ul	-0.01
47) Acenaphthylene-d8	14.41	160	5476	1.19	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	4759	1.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	7732	1.35	ng/ul	0.00
79) Pyrene-d10	19.84	212	8481	1.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	4534	0.62	ng/ul	0.00

Target Compounds

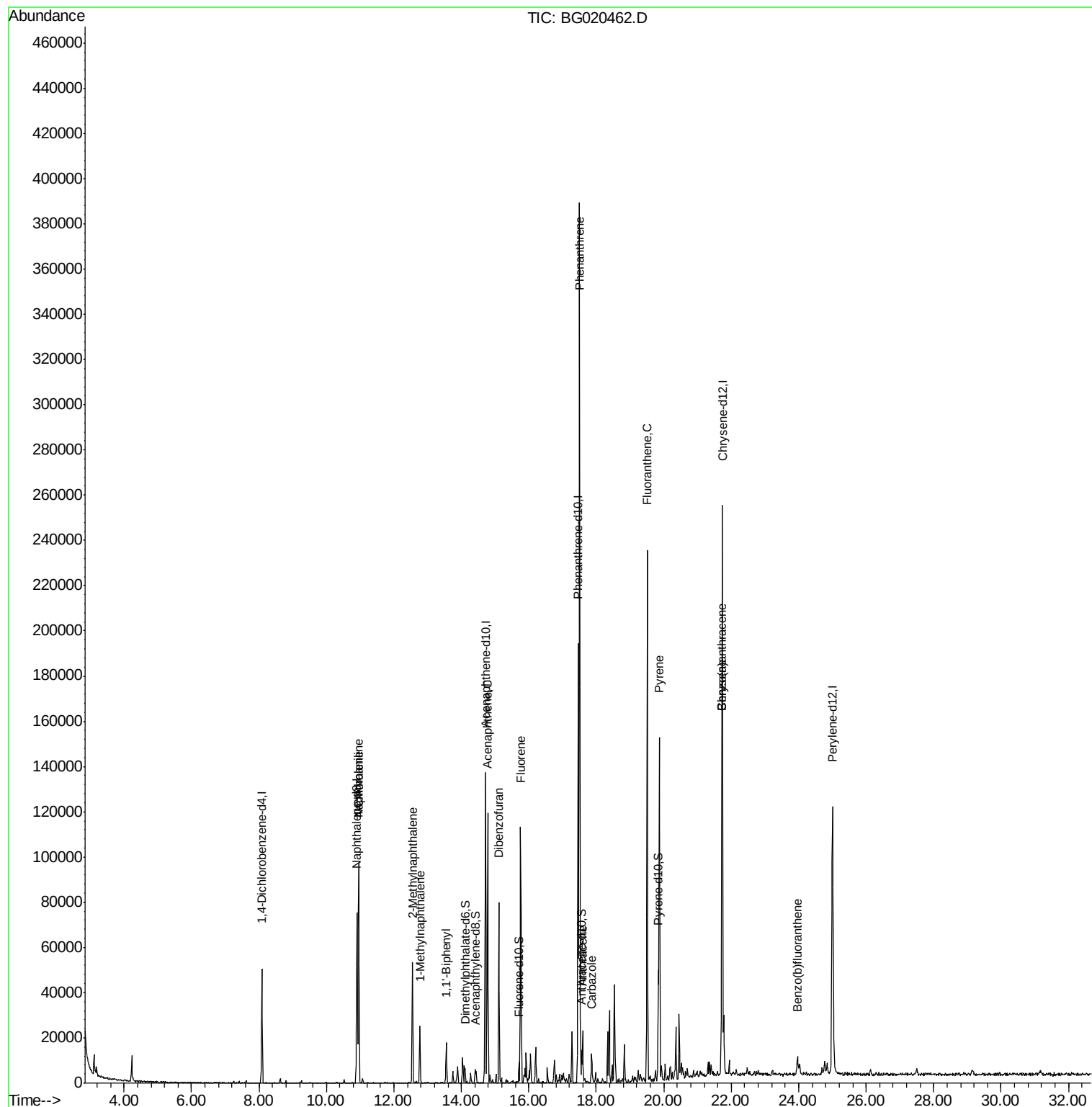
						Qvalue
28) Naphthalene	10.95	128	86270	24.41	ng/ul	99
30) 4-Chloroaniline	10.95	127	11637	8.53	ng/ul#	17
34) 2-Methylnaphthalene	12.55	142	26992	10.00	ng/ul	99
35) 1-Methylnaphthalene	12.77	142	12905	4.97	ng/ul	96
41) 1,1'-Biphenyl	13.55	154	10819	2.92	ng/ul	98
50) Acenaphthene	14.78	153	52794	16.01	ng/ul	99
54) Dibenzofuran	15.11	168	54855	11.18	ng/ul	97
59) Fluorene	15.76	166	52321	13.28	ng/ul	100
70) Phenanthrene	17.50	178	260010	38.34	ng/ul	98
72) Anthracene	17.60	178	18524	2.69	ng/ul	94
75) Carbazole	17.86	167	9940	1.72	ng/ul	96
77) Fluoranthene	19.51	202	156878	19.80	ng/ul	98
80) Pyrene	19.87	202	105757	11.25	ng/ul	98
83) Benzo(a)anthracene	21.72	228	24376	2.69	ng/ul	96
85) Chrysene	21.72	228	24376	2.86	ng/ul	96
88) Benzo(b)fluoranthene	23.96	252	12511	1.41	ng/ul#	96

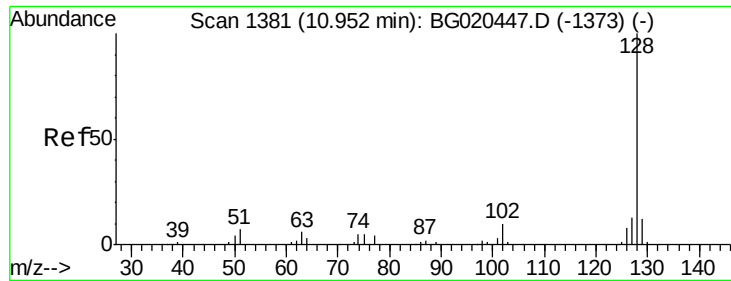
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
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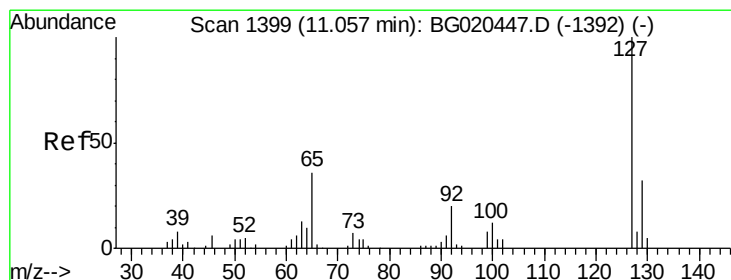
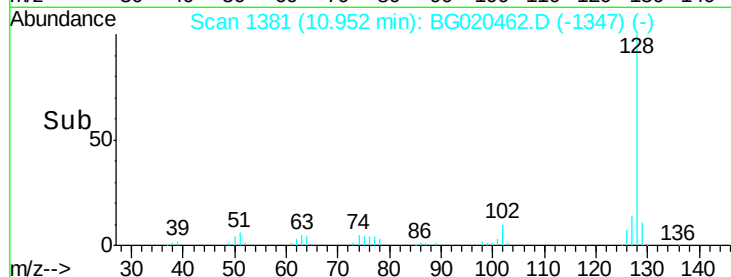
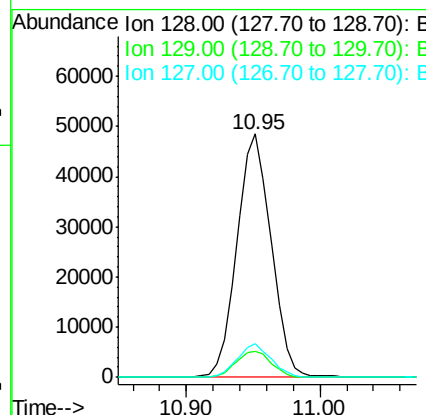
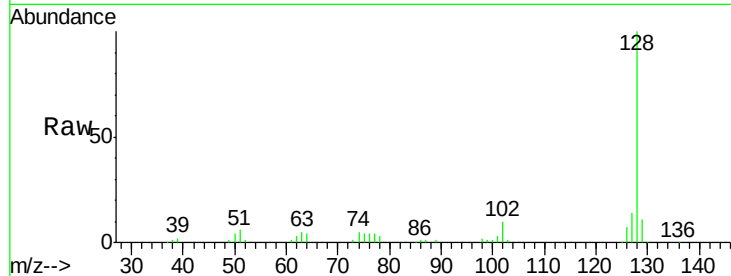




#28
Naphthalene
Concen: 24.41 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BG020462.D
Acq: 24 Dec 2015 3:21

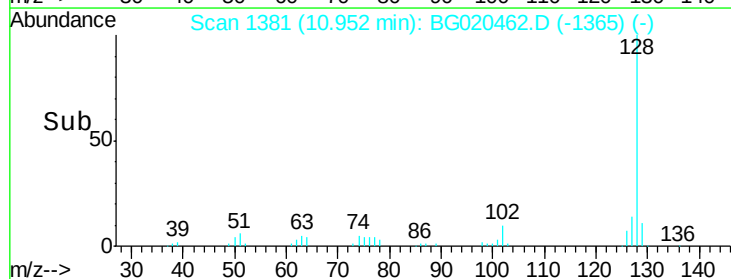
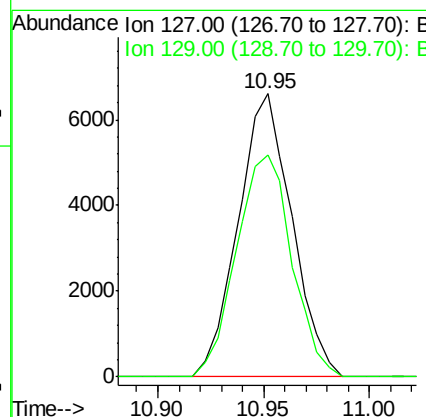
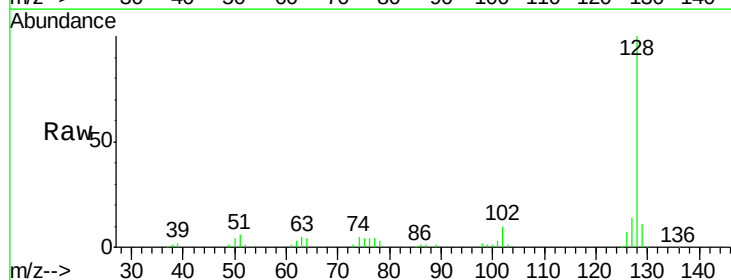
Instrument :
BNA_G
ClientSampleId :
D9N50MEDL

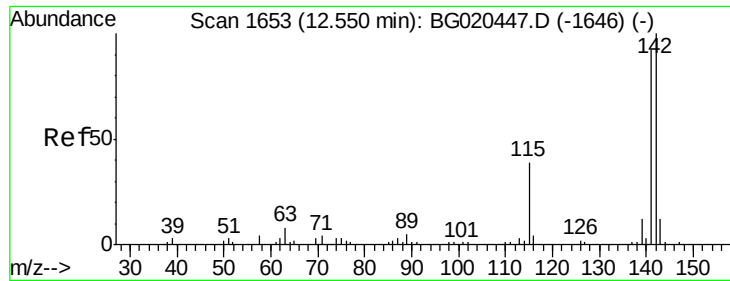
Tgt Ion:128 Resp: 86270
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.6 10.1 15.1



#30
4-Chloroaniline
Concen: 8.53 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. -0.11 min
Lab File: BG020462.D
Acq: 24 Dec 2015 3:21

Tgt Ion:127 Resp: 11637
Ion Ratio Lower Upper
127 100
129 78.5 25.7 38.5#

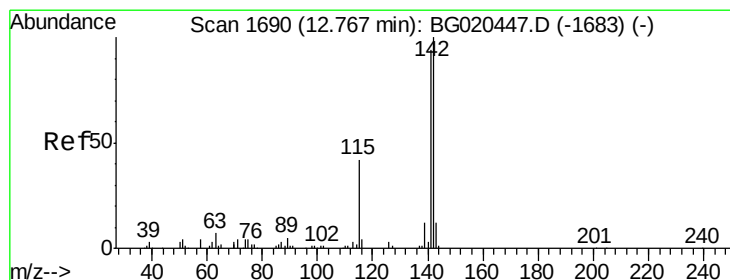
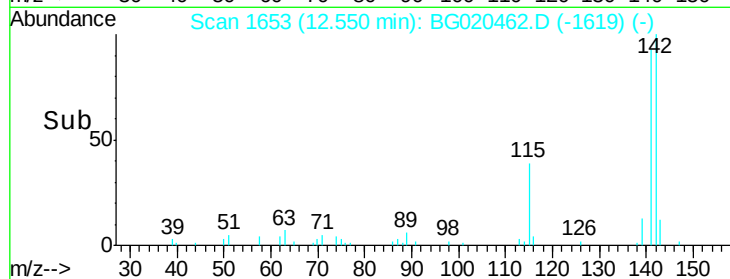
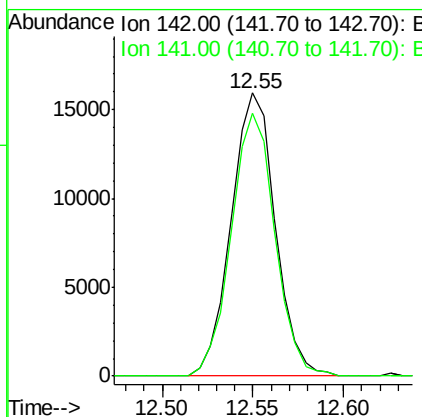
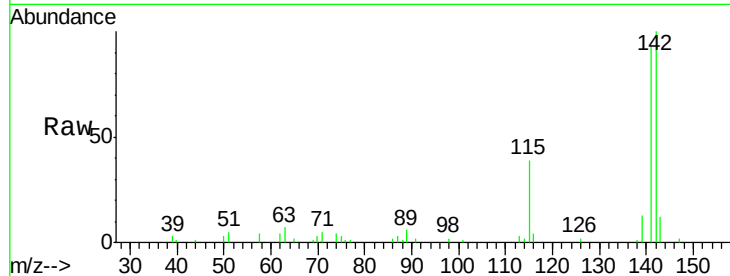




#34
 2-Methylnaphthalene
 Concen: 10.00 ng/ul
 RT: 12.55 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BG020462.D
 Acq: 24 Dec 2015 3:21

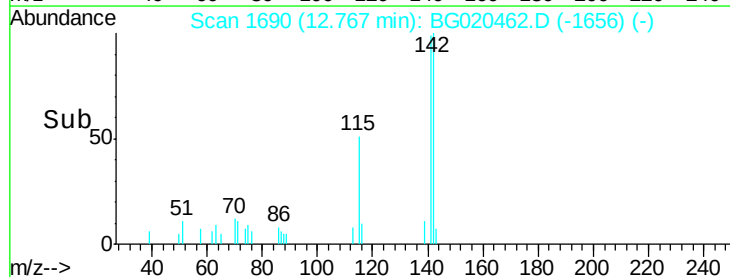
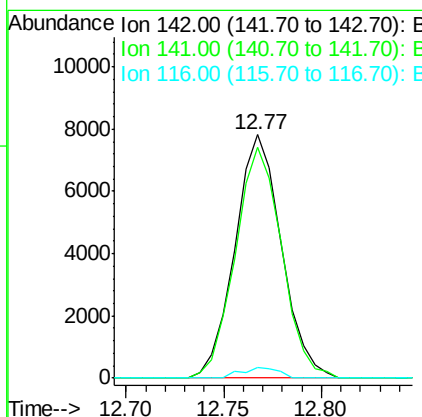
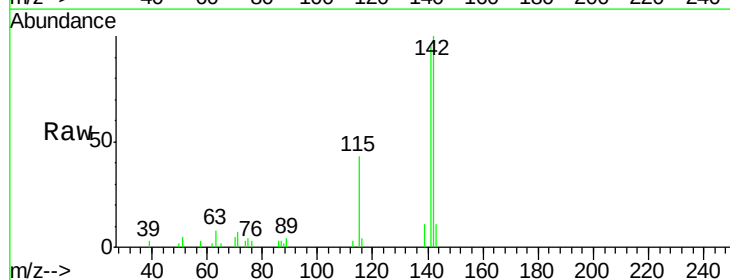
Instrument :
 BNA_G
 ClientSampleId :
 D9N50MEDL

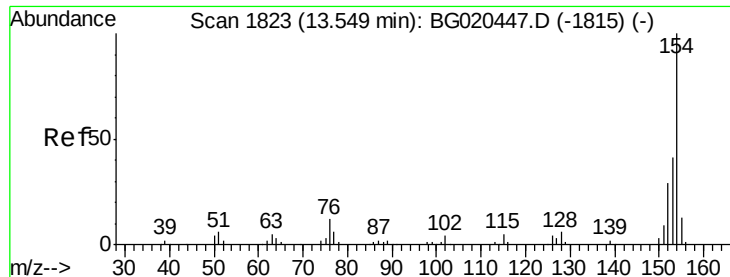
Tgt Ion:142 Resp: 26992
 Ion Ratio Lower Upper
 142 100
 141 92.9 74.9 112.3



#35
 1-Methylnaphthalene
 Concen: 4.97 ng/ul
 RT: 12.77 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG020462.D
 Acq: 24 Dec 2015 3:21

Tgt Ion:142 Resp: 12905
 Ion Ratio Lower Upper
 142 100
 141 94.9 73.0 109.6
 116 4.3 3.0 4.6

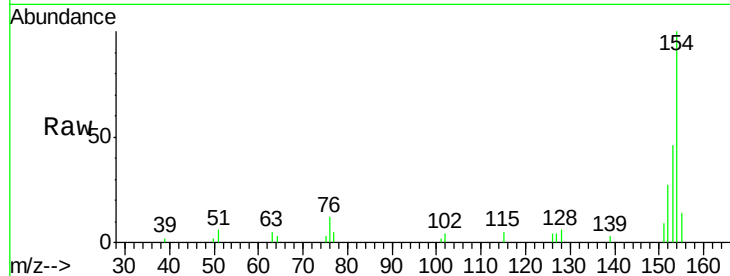




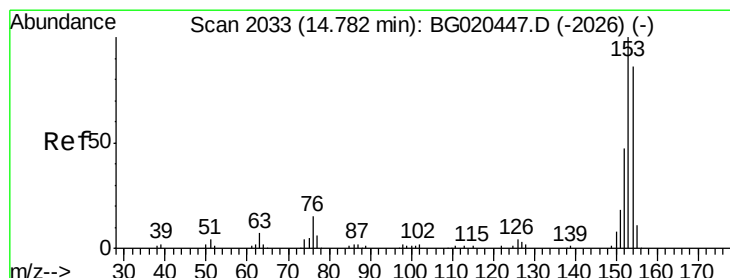
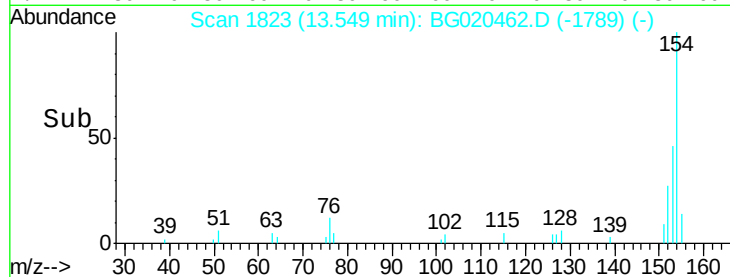
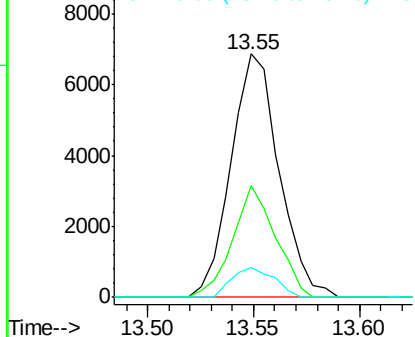
#41
 1,1'-Biphenyl
 Concen: 2.92 ng/ul
 RT: 13.55 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BG020462.D
 Acq: 24 Dec 2015 3:21

Instrument :
 BNA_G
 ClientSampleId :
 D9N50MEDL

Tgt Ion:154 Resp: 10819
 Ion Ratio Lower Upper
 154 100
 153 46.1 35.5 53.3
 76 12.3 10.4 15.6

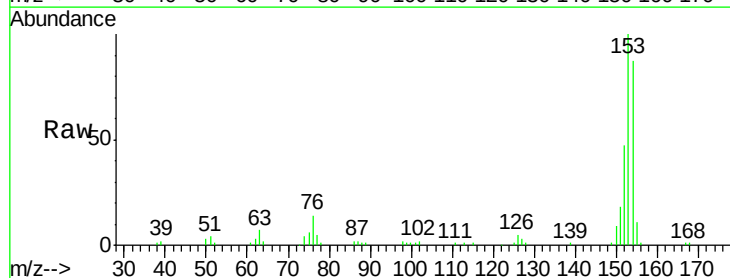


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

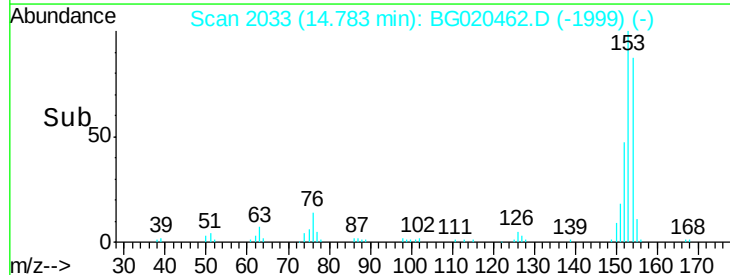
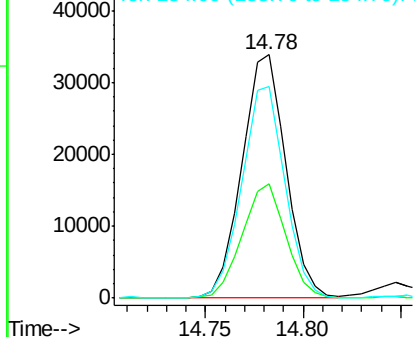


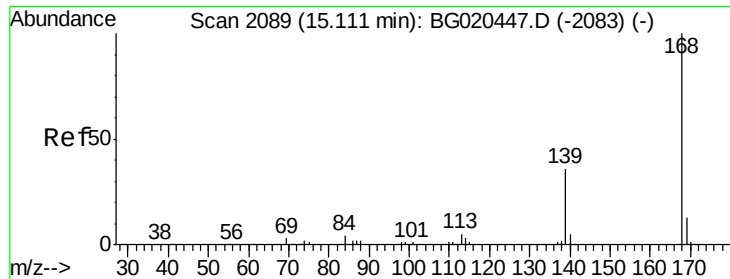
#50
 Acenaphthene
 Concen: 16.01 ng/ul
 RT: 14.78 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BG020462.D
 Acq: 24 Dec 2015 3:21

Tgt Ion:153 Resp: 52794
 Ion Ratio Lower Upper
 153 100
 152 47.0 37.6 56.4
 154 86.8 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: 11.18 ng/ul

RT: 15.11 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BG020462.D

Acq: 24 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

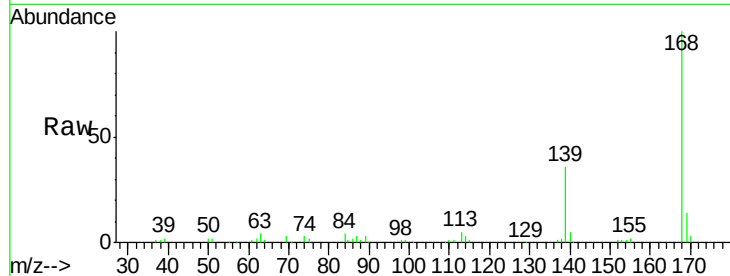
D9N50MEDL

Tgt Ion:168 Resp: 54855

Ion Ratio Lower Upper

168 100

139 36.1 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.11

40000

30000

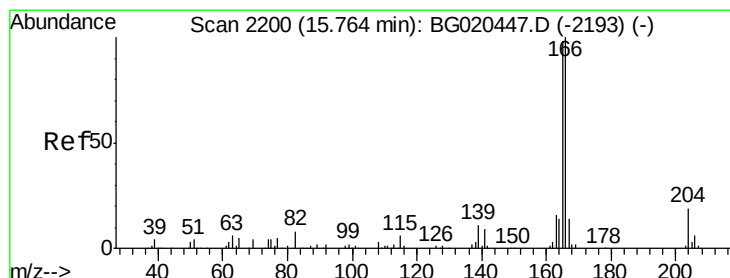
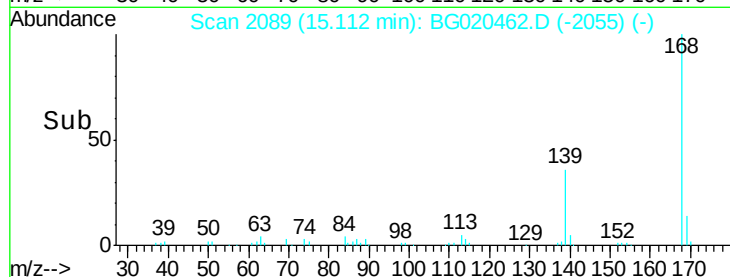
20000

10000

0

15.05 15.10 15.15 15.20

Time-->



#59

Fluorene

Concen: 13.28 ng/ul

RT: 15.76 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BG020462.D

Acq: 24 Dec 2015 3:21

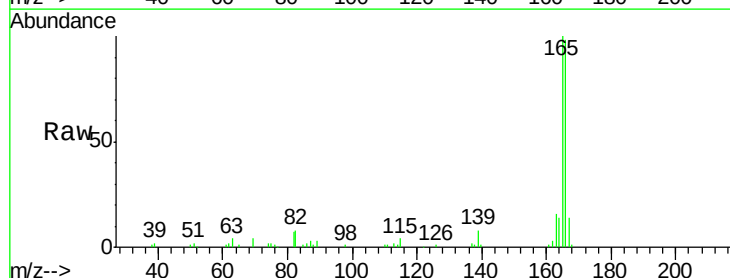
Tgt Ion:166 Resp: 52321

Ion Ratio Lower Upper

166 100

165 101.9 81.4 122.0

167 14.2 11.2 16.8



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

15.76

40000

30000

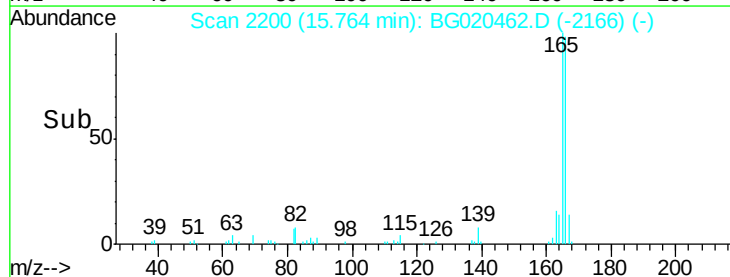
20000

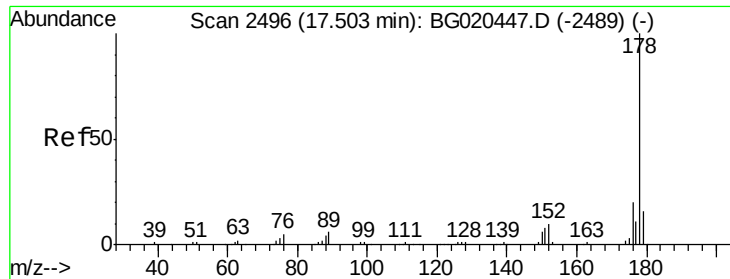
10000

0

15.70 15.75 15.80

Time-->





#70

Phenanthrene

Concen: 38.34 ng/ul

RT: 17.50 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG020462.D

Acq: 24 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

D9N50MEDL

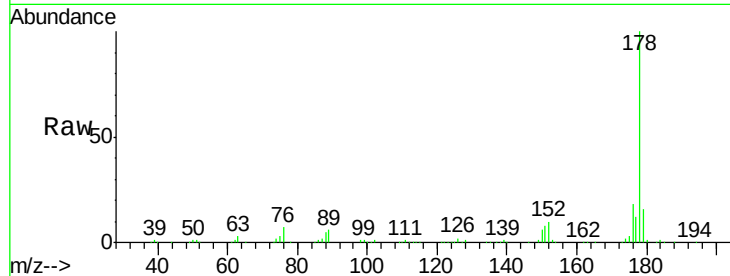
Tgt Ion:178 Resp: 260010

Ion Ratio Lower Upper

178 100

179 15.5 12.9 19.3

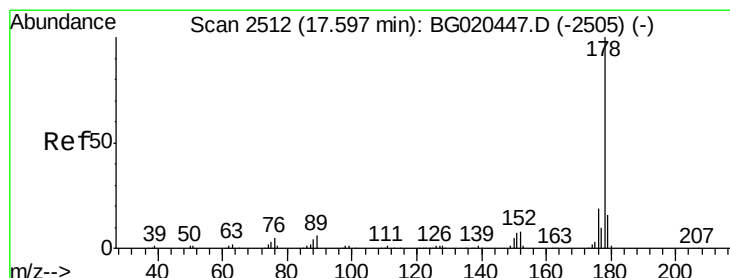
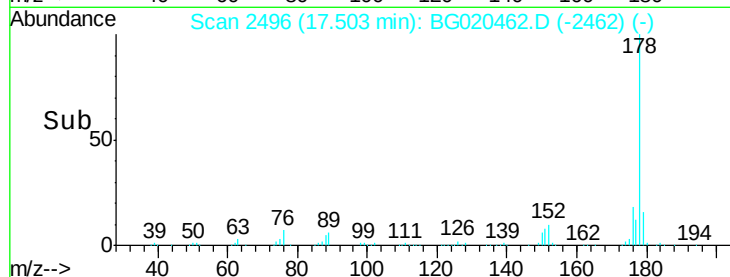
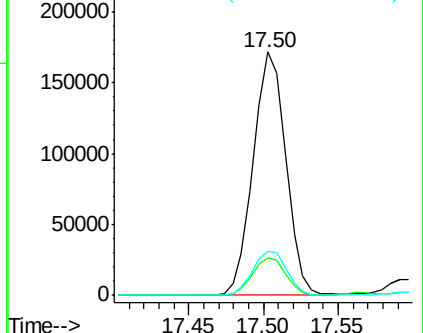
176 18.3 15.3 22.9



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: 2.69 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BG020462.D

Acq: 24 Dec 2015 3:21

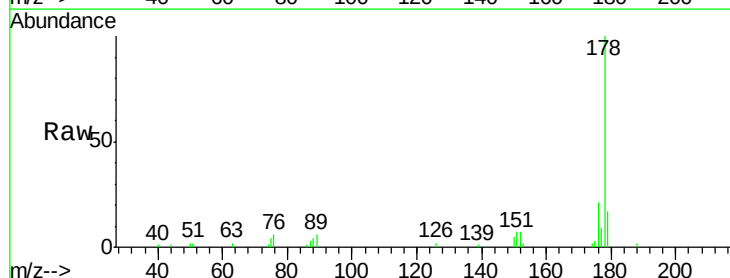
Tgt Ion:178 Resp: 18524

Ion Ratio Lower Upper

178 100

179 17.1 12.3 18.5

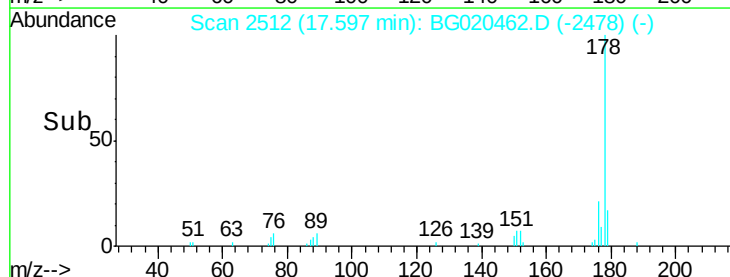
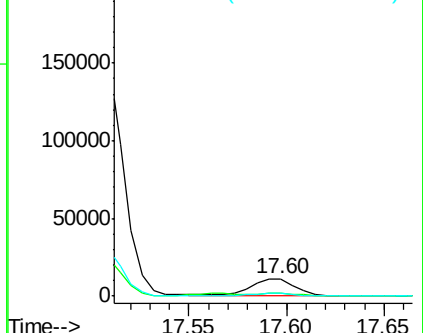
176 20.9 14.3 21.5

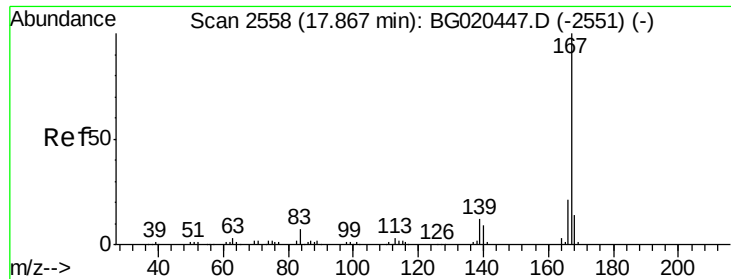


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 1.72 ng/ul

RT: 17.86 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BG020462.D

Acq: 24 Dec 2015 3:21

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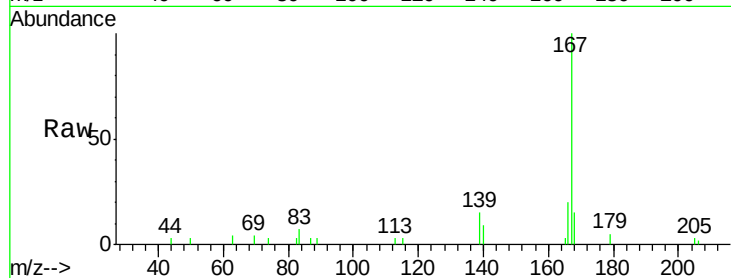
Tgt Ion:167 Resp: 9940

Ion Ratio Lower Upper

167 100

166 20.0 17.0 25.6

139 14.8 10.1 15.1

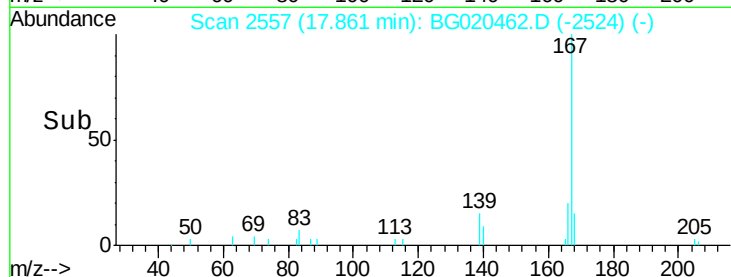


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time--> 17.80 17.85 17.90

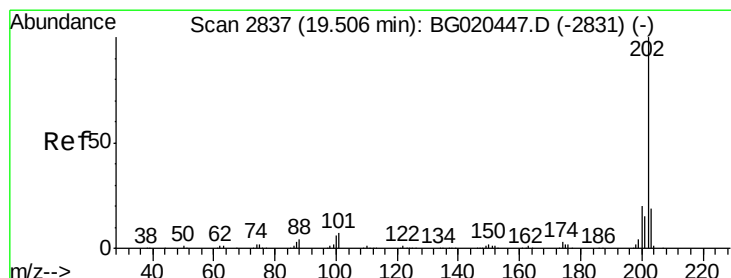


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time--> 17.80 17.85 17.90



#77

Fluoranthene

Concen: 19.80 ng/ul

RT: 19.51 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG020462.D

Acq: 24 Dec 2015 3:21

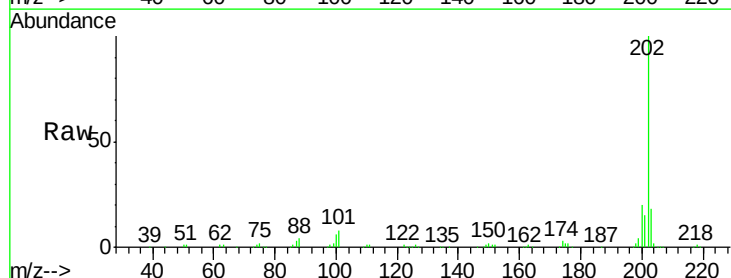
Tgt Ion:202 Resp: 156878

Ion Ratio Lower Upper

202 100

101 8.3 6.2 9.4

100 5.8 5.1 7.7

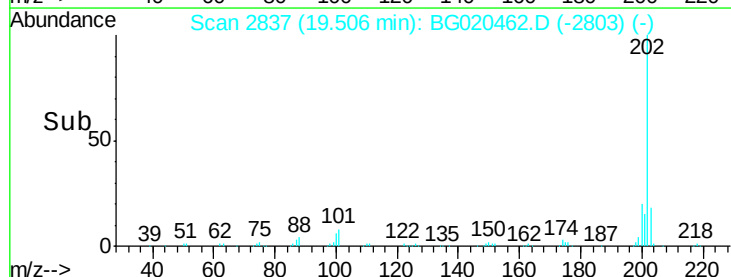


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time--> 19.45 19.50 19.55

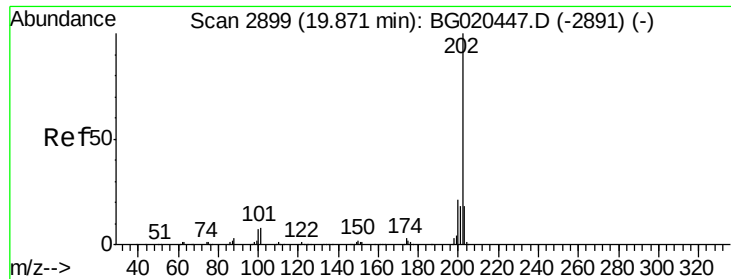


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time--> 19.45 19.50 19.55



#80

Pyrene

Concen: 11.25 ng/ul

RT: 19.87 min Scan# 2899

Delta R.T. 0.00 min

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Acq: 24 Dec 2015 3:21

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D9N50MEDL

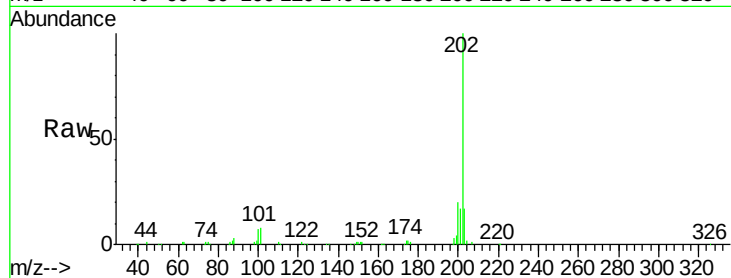
Tgt Ion:202 Resp: 105757

Ion Ratio Lower Upper

202 100

101 8.3 7.0 10.4

100 7.0 6.4 9.6

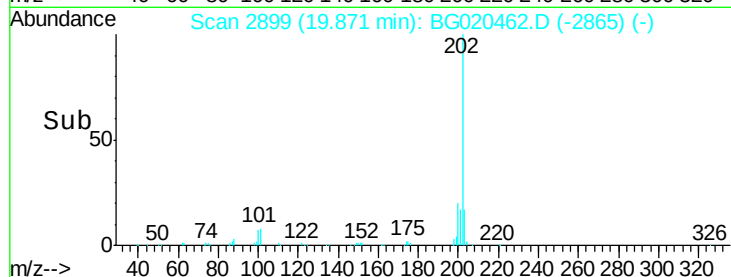


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

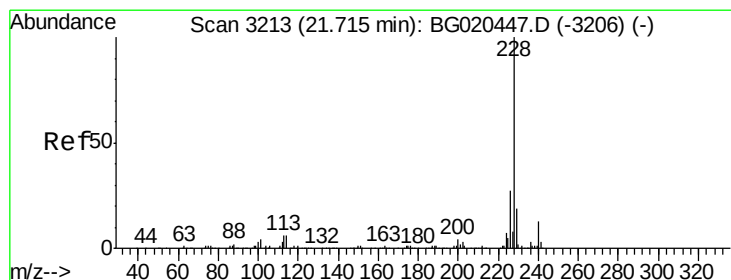
Ion 100.00 (99.70 to 100.70): E

Time-->



19.87

Time-->



#83

Benzo(a)anthracene

Concen: 2.69 ng/ul

RT: 21.72 min Scan# 3213

Delta R.T. 0.00 min

Lab File: BG020462.D

Acq: 24 Dec 2015 3:21

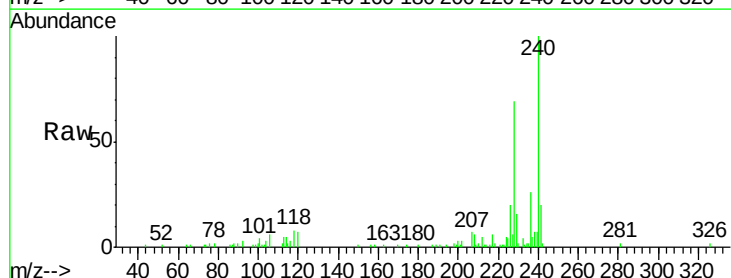
Tgt Ion:228 Resp: 24376

Ion Ratio Lower Upper

228 100

229 22.5 15.8 23.8

226 28.3 21.8 32.6

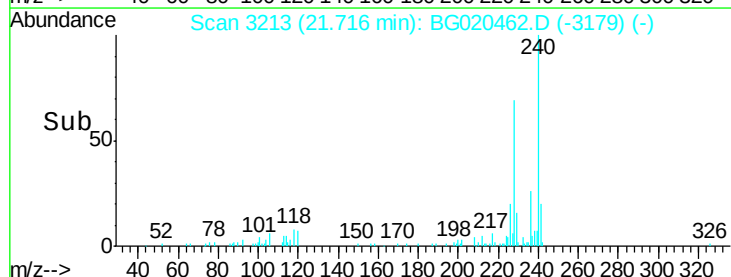


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

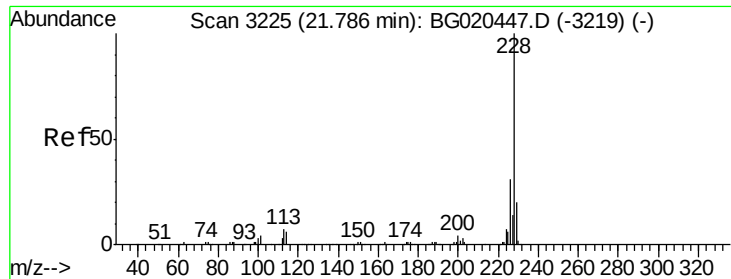
Ion 226.00 (225.70 to 226.70): E

Time-->



21.72

Time-->



#85

Chrysene

Concen: 2.86 ng/ul

RT: 21.72 min Scan# 3213

Delta R.T. -0.07 min

Lab File: BG020462.D

Acq: 24 Dec 2015 3:21

Instrument :

BNA_G

ClientSampleId :

D9N50MEDL

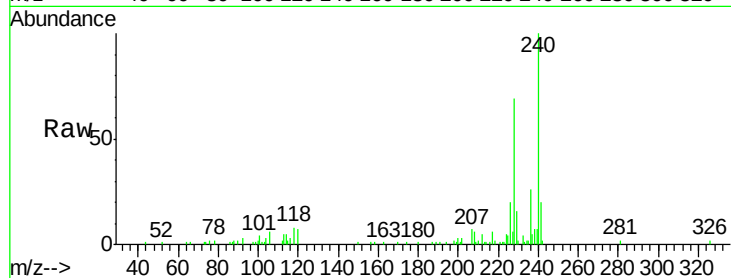
Tgt Ion:228 Resp: 24376

Ion Ratio Lower Upper

228 100

226 28.3 23.9 35.9

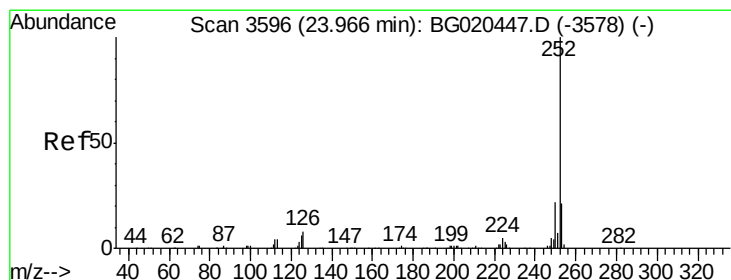
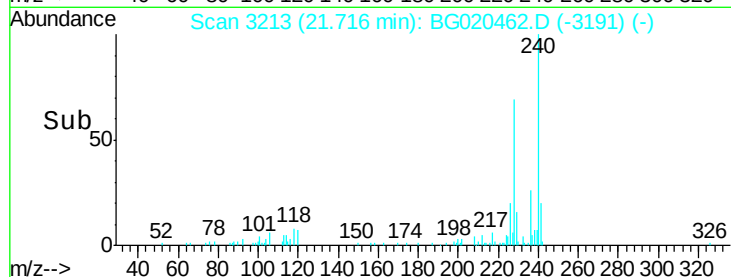
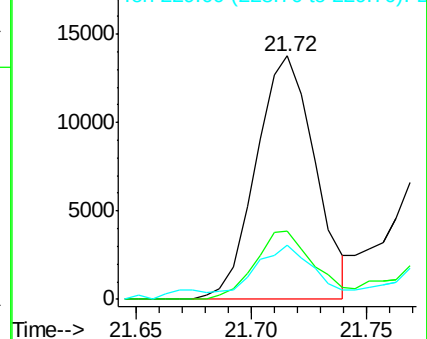
229 22.5 15.6 23.4



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



#88

Benzo(b)fluoranthene

Concen: 1.41 ng/ul

RT: 23.96 min Scan# 3595

Delta R.T. -0.01 min

Lab File: BG020462.D

Acq: 24 Dec 2015 3:21

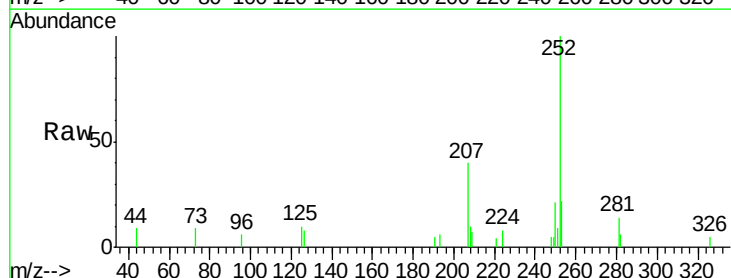
Tgt Ion:252 Resp: 12511

Ion Ratio Lower Upper

252 100

253 22.4 16.7 25.1

125 10.1 6.2 9.2#



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

