

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052616\
 Data File : BG022076.D
 Acq On : 26 May 2016 11:40
 Operator : UM/SJ
 Sample : H3124-20DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHGJ3DL

Quant Time: May 27 04:32:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 04:32:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	32126	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	176914	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	101698	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	190258	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	163477	20.00	ng/ul	0.00
83) Perylene-d12	25.14	264	156113	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	1195	1.94	ng/uL	0.00
5) Phenol-d5	7.32	99	26254	9.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	14194	9.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	25267	10.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	23927	9.72	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	13339	10.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	14020	9.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	24922	10.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	23186	8.54	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	87947	11.51	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	118716	11.13	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	5125	3.90	ng/ul	0.01
57) Fluorene-d10	15.77	176	77254	10.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	8958	9.01	ng/ul	0.00
70) Anthracene-d10	17.62	188	104706	11.47	ng/ul	0.00
76) Pyrene-d10	19.90	212	108200	11.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	87832	12.13	ng/ul	0.00

Target Compounds

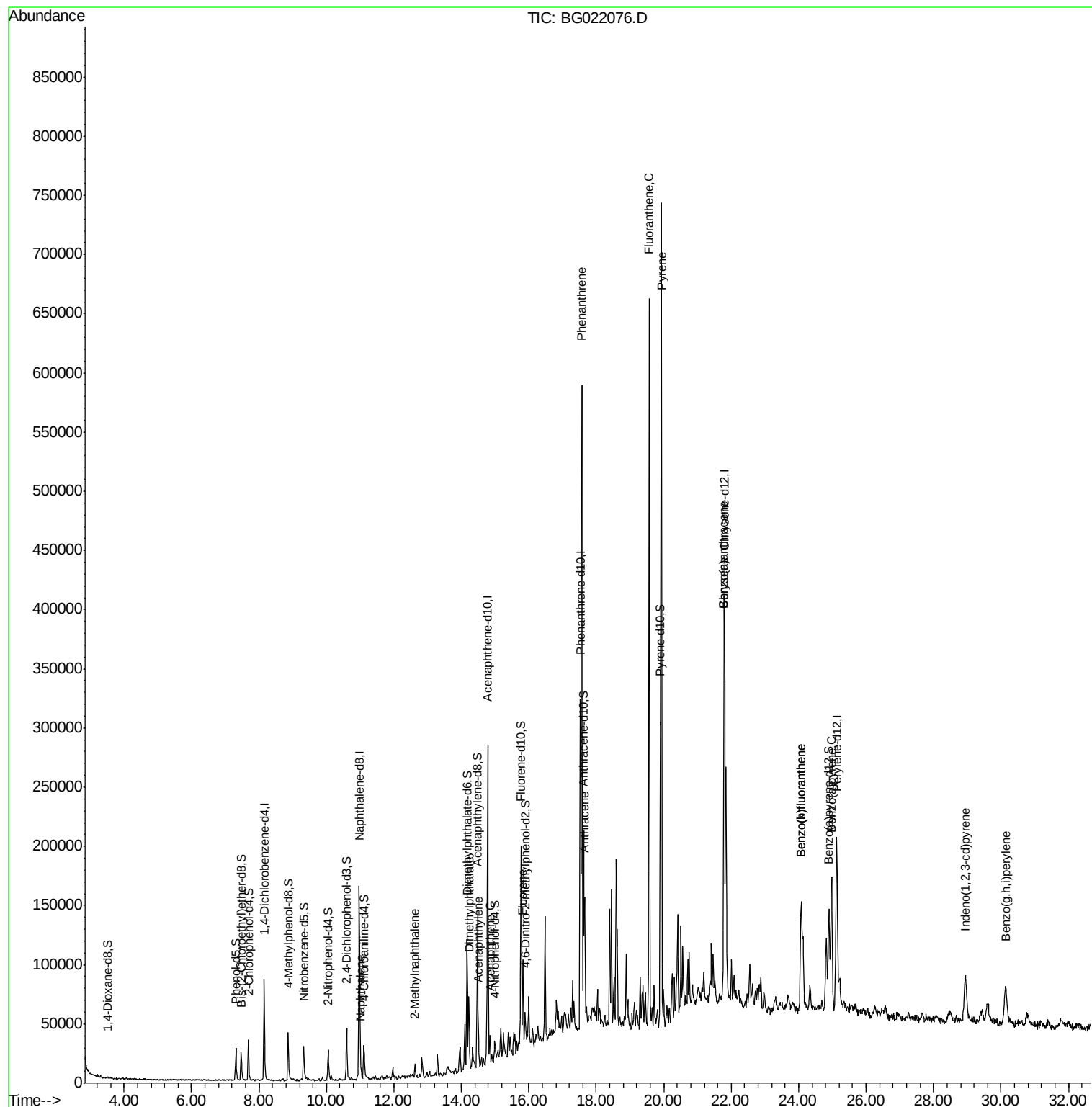
						Qvalue
28) Naphthalene	11.02	128	9764	1.09	ng/ul	98
34) 2-Methylnaphthalene	12.62	142	7687	1.20	ng/ul	94
44) Dimethylphthalate	14.22	163	34204	4.46	ng/ul	100
47) Acenaphthylene	14.51	152	12351	1.14	ng/ul	98
49) Acenaphthene	14.84	153	9744	1.30	ng/ul	99
58) Fluorene	15.82	166	35153	4.49	ng/ul#	91
69) Phenanthrene	17.57	178	374466	35.38	ng/ul	99
71) Anthracene	17.66	178	72513	6.77	ng/ul	99
74) Fluoranthene	19.57	202	388202	35.89	ng/ul	100
77) Pyrene	19.93	202	459462	39.94	ng/ul	98
80) Benzo(a)anthracene	21.78	228	143857	15.00	ng/ul	97
82) Chrysene	21.78	228	143302	15.58	ng/ul	98
85) Benzo(b)fluoranthene	24.07	252	123847	13.56	ng/ul#	95
86) Benzo(k)fluoranthene	24.07	252	123847	13.93	ng/ul#	90
88) Benzo(a)pyrene	24.98	252	123808	14.05	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.94	276	67289	6.66	ng/ul	95
91) Benzo(g,h,i)perylene	30.13	276	40577	5.01	ng/ul#	96

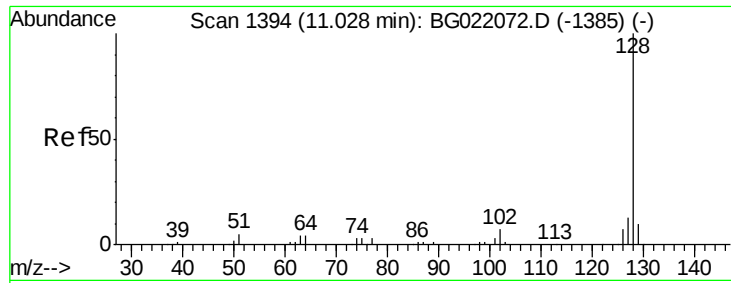
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052616\
Data File : BG022076.D
Acq On : 26 May 2016 11:40
Operator : UM/SJ
Sample : H3124-20DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
JHGJ3DL

Quant Time: May 27 04:32:55 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 27 04:32:27 2016
Response via : Initial Calibration

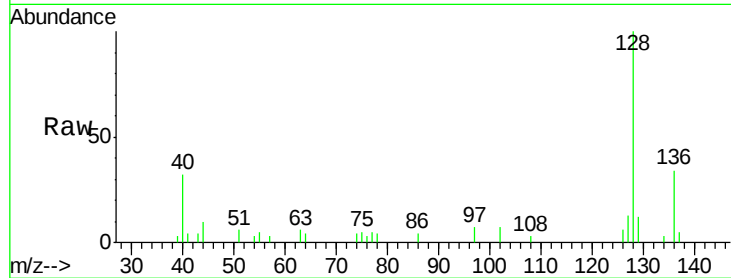




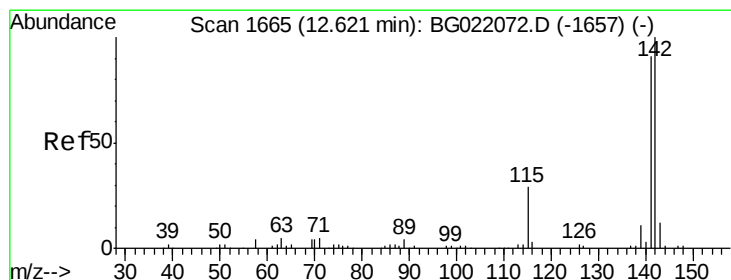
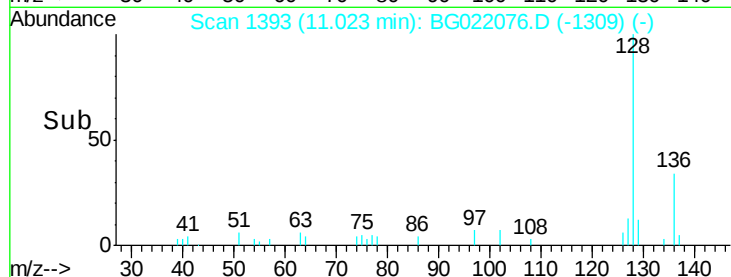
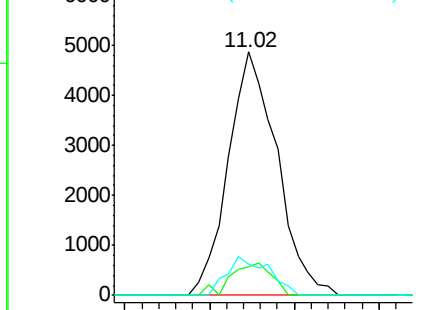
#28
Naphthalene
Concen: 1.09 ng/ul
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG022076.D
Acq: 26 May 2016 11:40

Instrument :
BNA_G
ClientSampleId :
JHGJ3DL

Tgt Ion:128 Resp: 9764
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 12.9 11.2 16.8

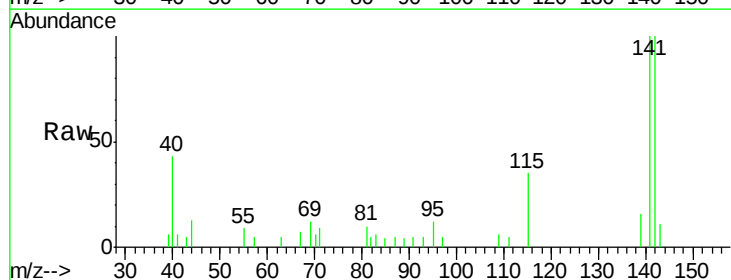


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

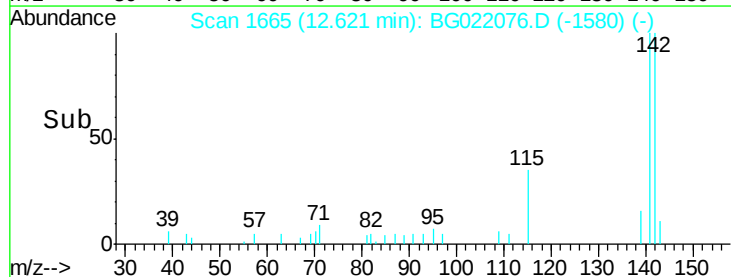
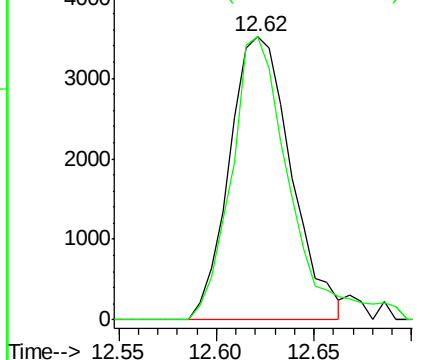


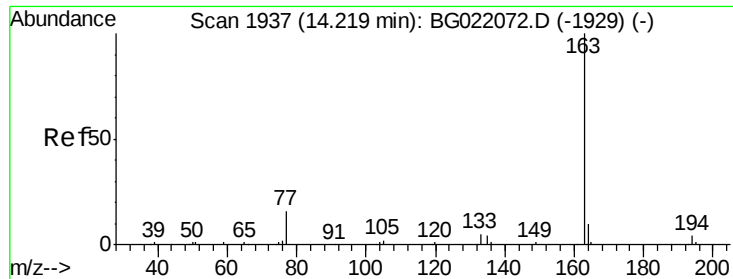
#34
2-Methylnaphthalene
Concen: 1.20 ng/ul
RT: 12.62 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BG022076.D
Acq: 26 May 2016 11:40

Tgt Ion:142 Resp: 7687
Ion Ratio Lower Upper
142 100
141 99.9 75.2 112.8



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

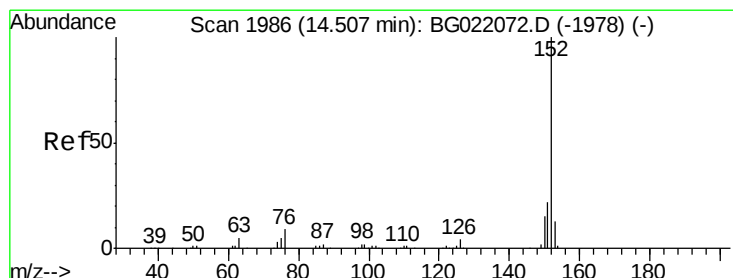
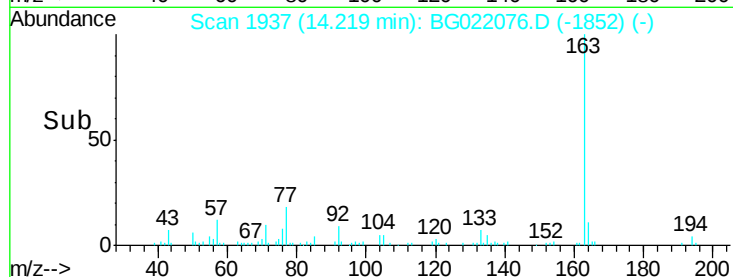
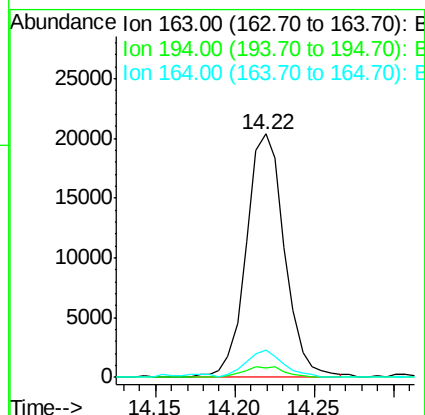
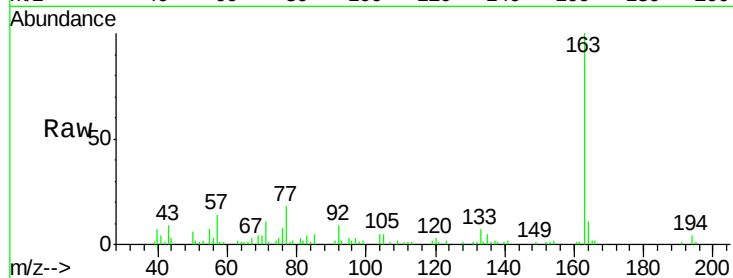




#44
Dimethylphthalate
Concen: 4.46 ng/ul
RT: 14.22 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BG022076.D
Acq: 26 May 2016 11:40

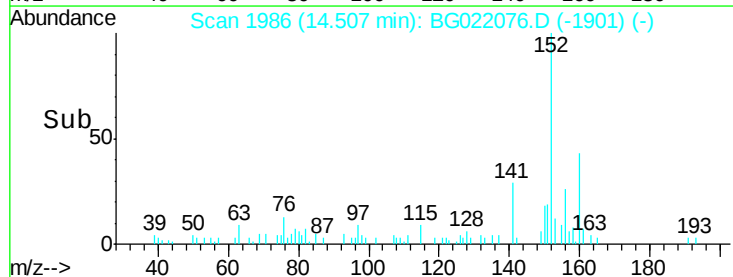
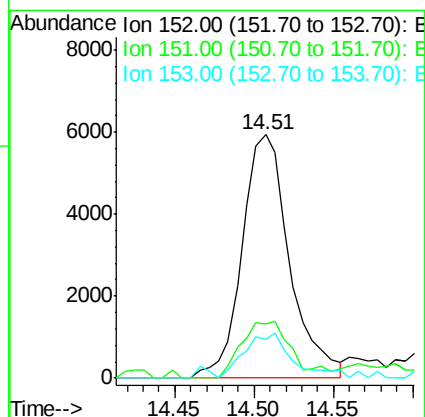
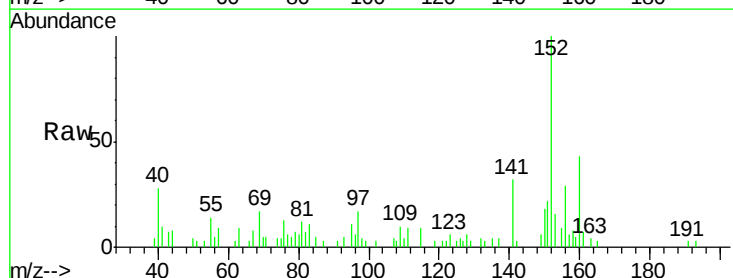
Instrument :
BNA_G
ClientSampleId :
JHGJ3DL

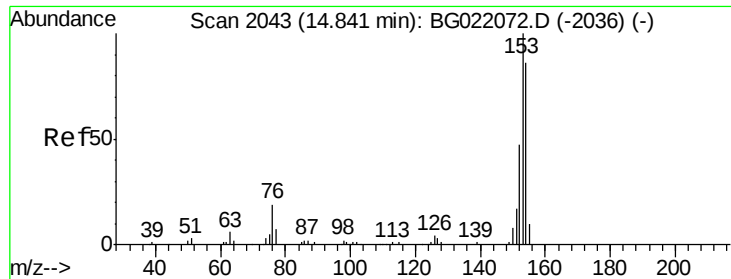
Tgt Ion:163 Resp: 34204
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 11.1 8.8 13.2



#47
Acenaphthylene
Concen: 1.14 ng/ul
RT: 14.51 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BG022076.D
Acq: 26 May 2016 11:40

Tgt Ion:152 Resp: 12351
Ion Ratio Lower Upper
152 100
151 22.1 17.5 26.3
153 15.9 11.1 16.7





#49

Acenaphthene

Concen: 1.30 ng/ul

RT: 14.84 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

Instrument :

BNA_G

ClientSampleId :

JHGJ3DL

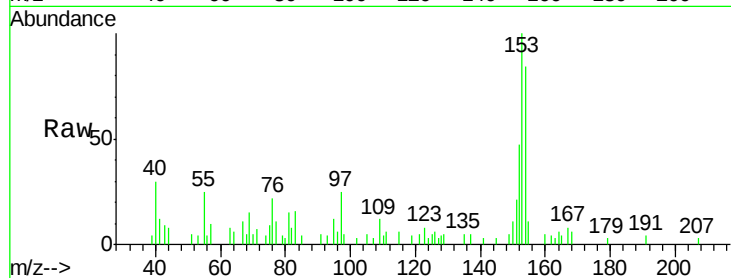
Tgt Ion:153 Resp: 9744

Ion Ratio Lower Upper

153 100

152 46.9 37.3 55.9

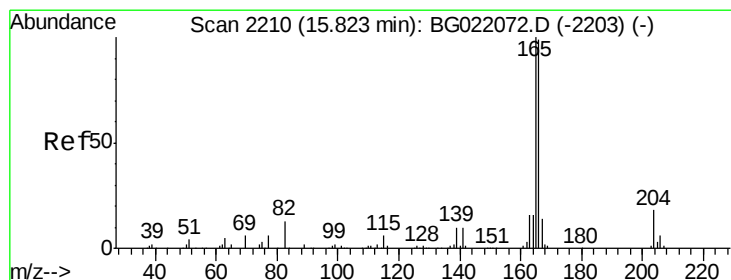
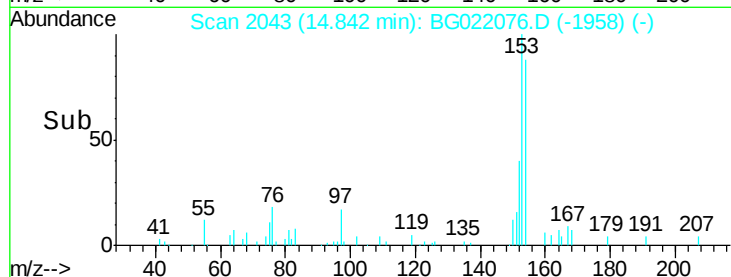
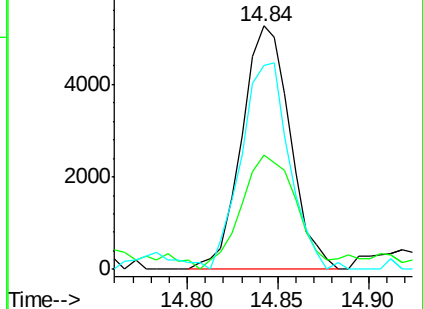
154 83.7 68.2 102.2



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



#58

Fluorene

Concen: 4.49 ng/ul

RT: 15.82 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

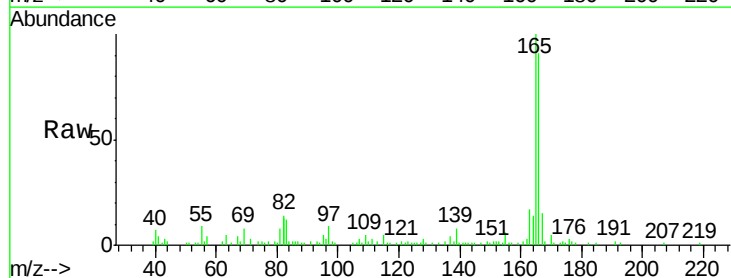
Tgt Ion:166 Resp: 35153

Ion Ratio Lower Upper

166 100

165 109.7 80.3 120.5

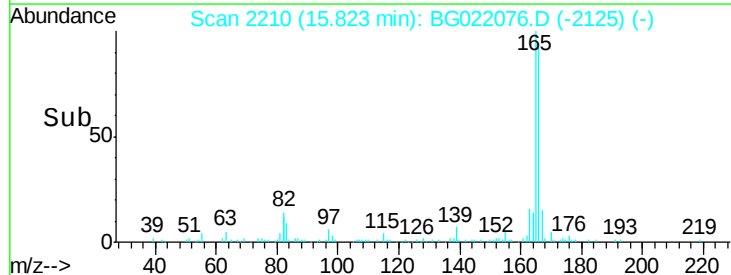
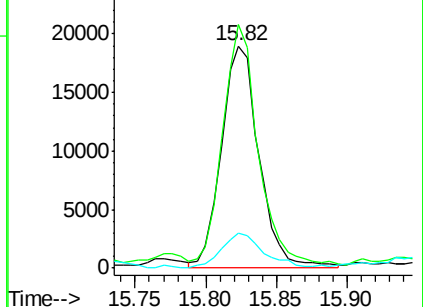
167 15.9 10.3 15.5#

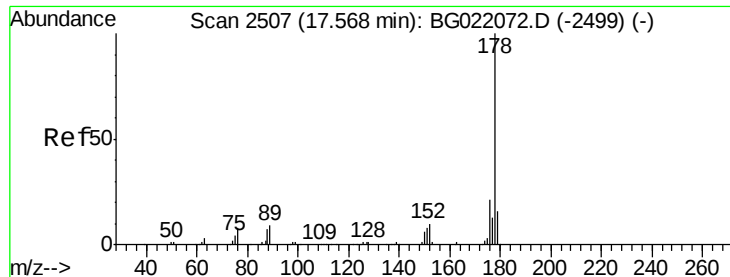


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 35.38 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

Instrument :

BNA_G

ClientSampleId :

JHGJ3DL

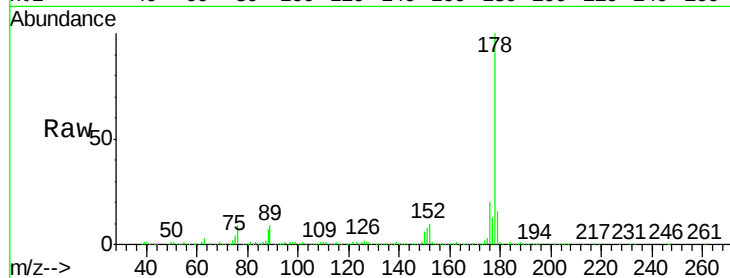
Tgt Ion:178 Resp: 374466

Ion Ratio Lower Upper

178 100

179 15.5 12.9 19.3

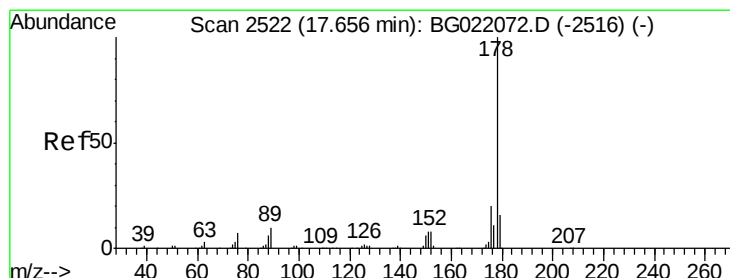
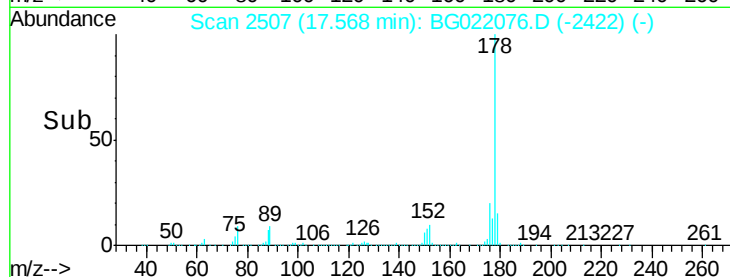
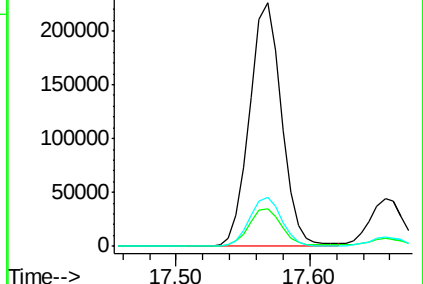
176 20.2 15.8 23.8



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



#71

Anthracene

Concen: 6.77 ng/ul

RT: 17.66 min Scan# 2522

Delta R.T. 0.00 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

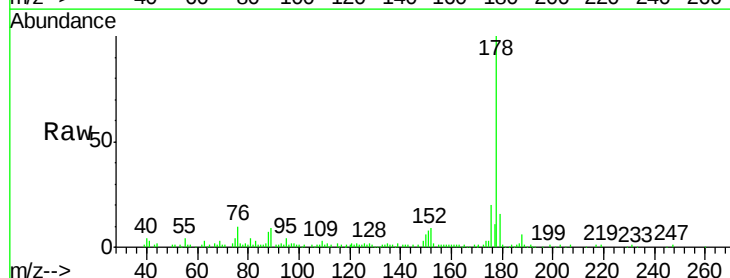
Tgt Ion:178 Resp: 72513

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

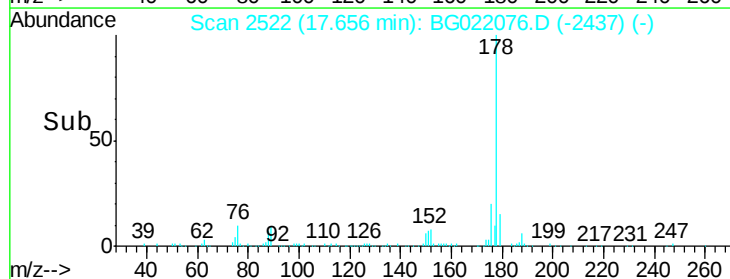
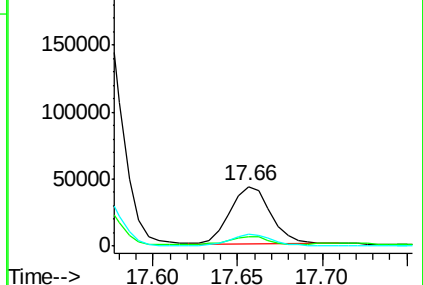
176 20.1 16.3 24.5

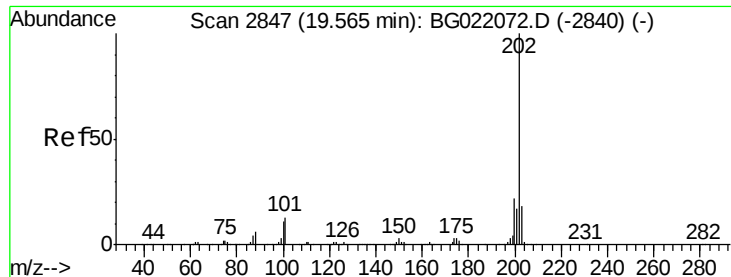


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 35.89 ng/ul

RT: 19.57 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

Instrument :

BNA_G

ClientSampleId :

JHGJ3DL

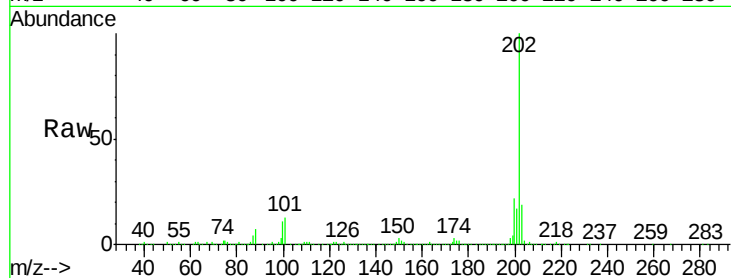
Tgt Ion:202 Resp: 388202

Ion Ratio Lower Upper

202 100

101 13.0 10.6 16.0

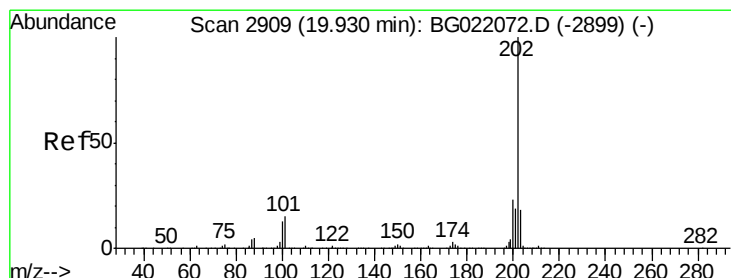
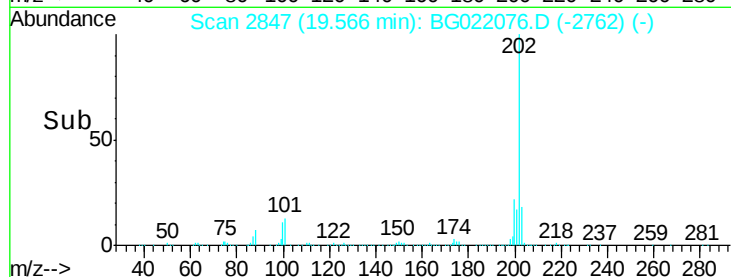
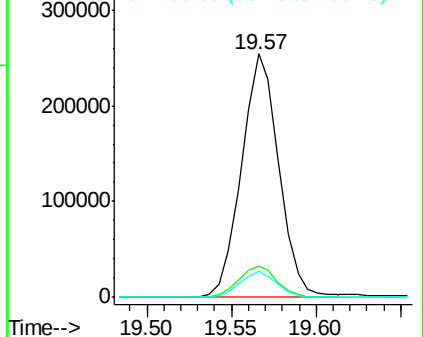
100 10.9 8.7 13.1



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



#77

Pyrene

Concen: 39.94 ng/ul

RT: 19.93 min Scan# 2909

Delta R.T. 0.00 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

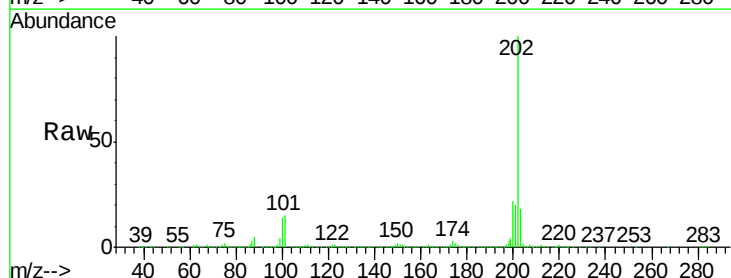
Tgt Ion:202 Resp: 459462

Ion Ratio Lower Upper

202 100

101 15.0 12.5 18.7

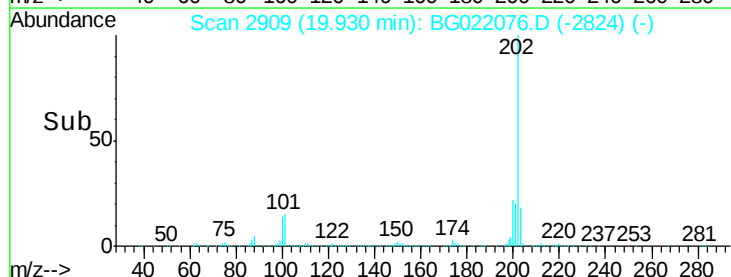
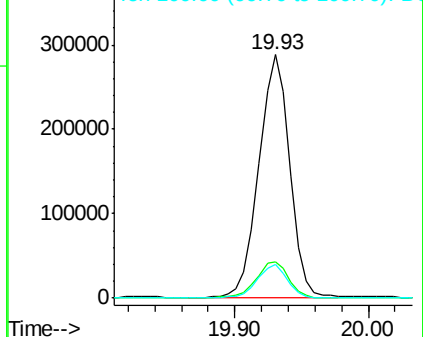
100 13.6 10.2 15.4

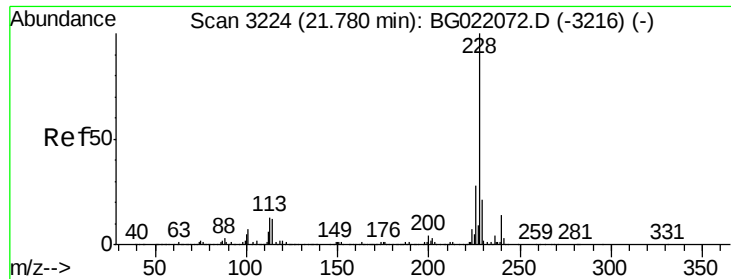


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 15.00 ng/ul

RT: 21.78 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

Instrument :

BNA_G

ClientSampleId :

JHGJ3DL

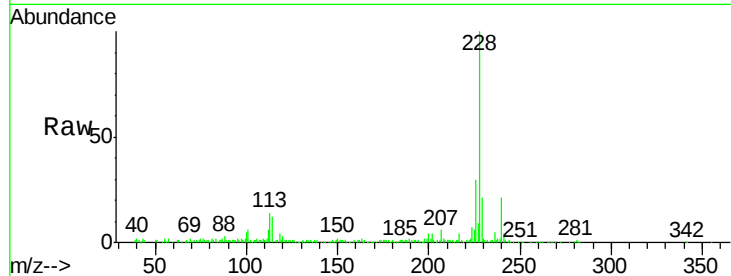
Tgt Ion:228 Resp: 143857

Ion Ratio Lower Upper

228 100

229 20.5 15.4 23.2

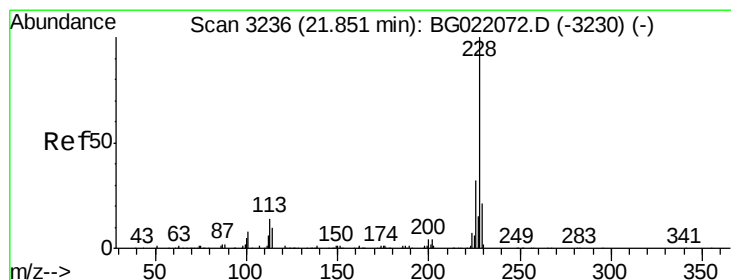
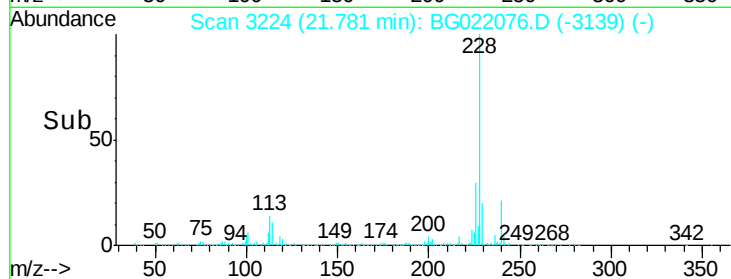
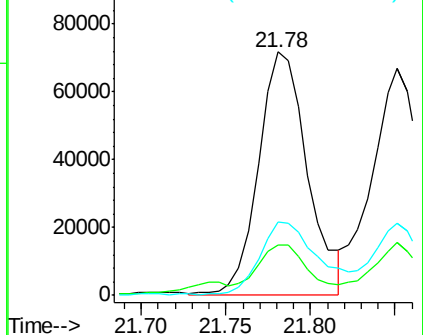
226 30.0 22.8 34.2



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



#82

Chrysene

Concen: 15.58 ng/ul

RT: 21.78 min Scan# 3224

Delta R.T. -0.07 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

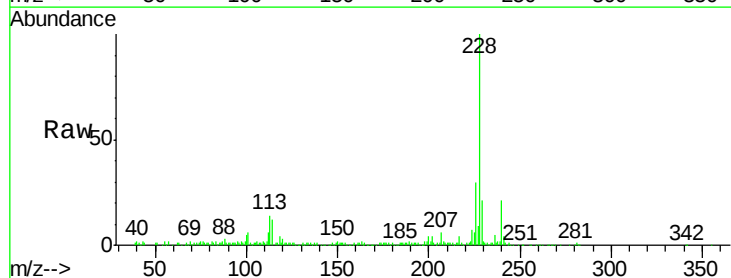
Tgt Ion:228 Resp: 143302

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

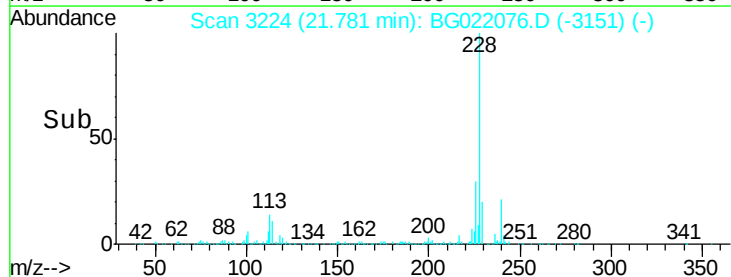
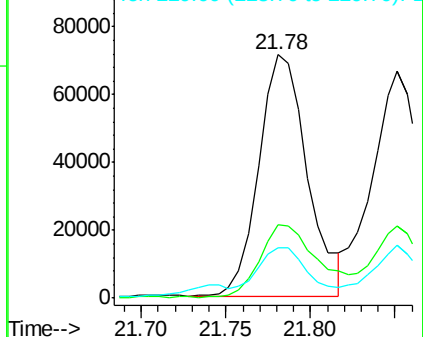
229 20.5 15.0 22.6

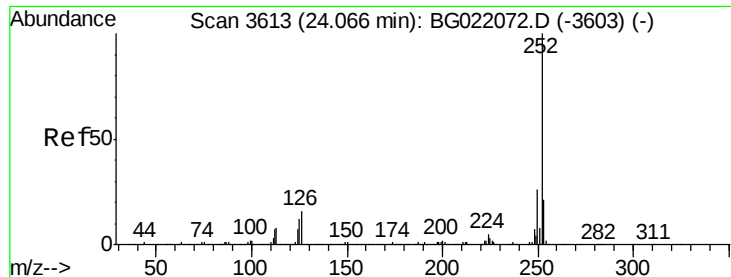


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 13.56 ng/ul

RT: 24.07 min Scan# 3614

Delta R.T. 0.01 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

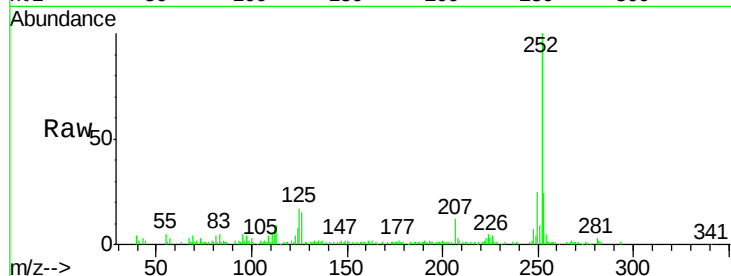
Instrument :

BNA_G

ClientSampleId :

JHGJ3DL

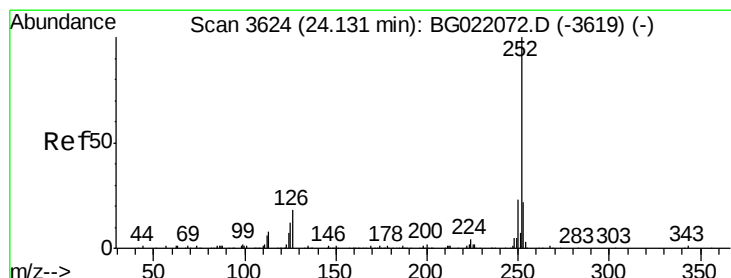
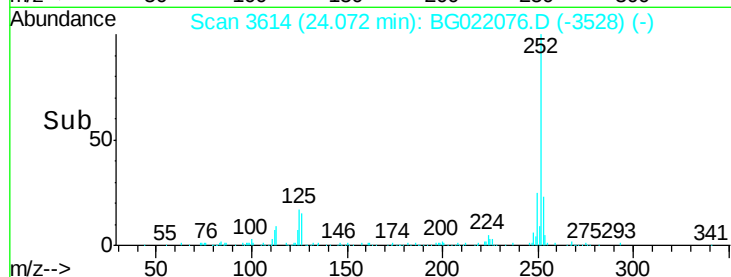
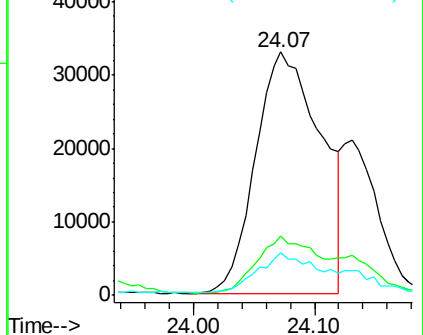
Tgt Ion:	252	Resp:	123847
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.2	27.2
125	17.3	10.8	16.2#



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



#86

Benzo(k)fluoranthene

Concen: 13.93 ng/ul

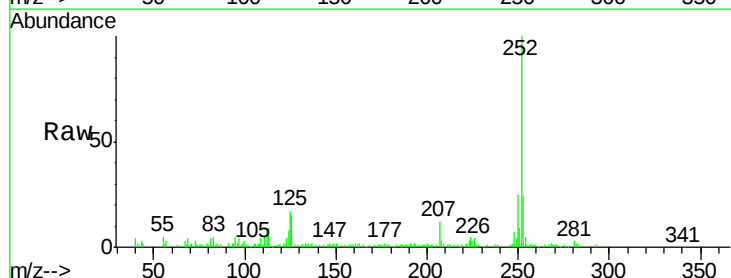
RT: 24.07 min Scan# 3614

Delta R.T. -0.06 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

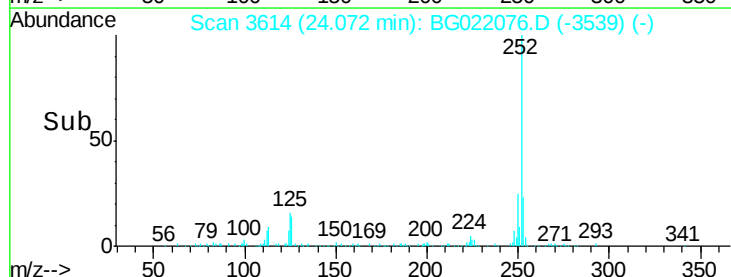
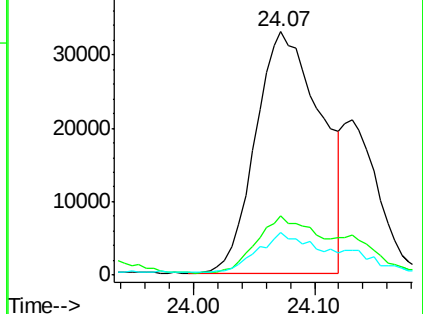
Tgt Ion:	252	Resp:	123847
Ion Ratio	Lower	Upper	
252	100		
253	24.1	15.8	23.6#
125	17.3	10.6	16.0#

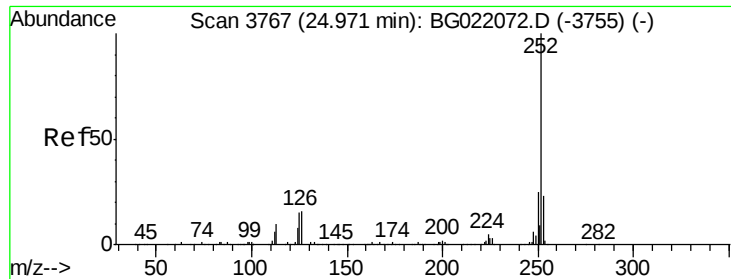


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

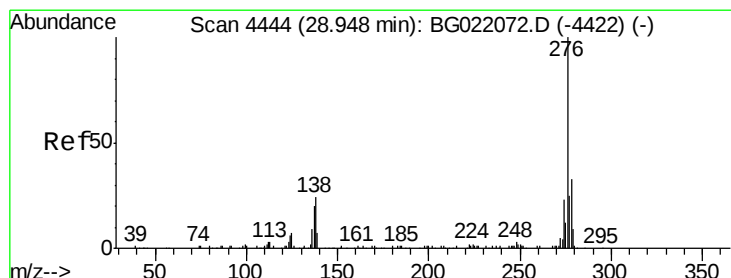
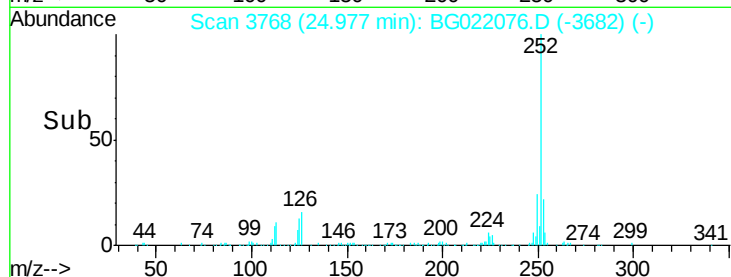
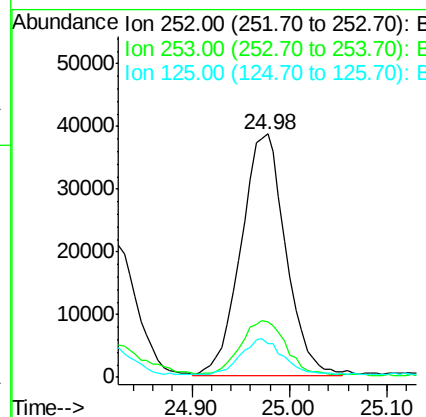
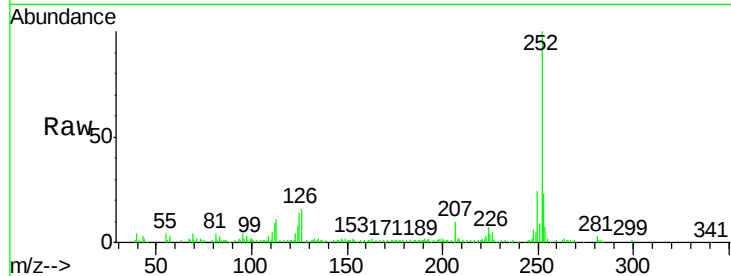




#88
Benzo(a)pyrene
Concen: 14.05 ng/u1
RT: 24.98 min Scan# 3768
Delta R.T. 0.01 min
Lab File: BG022076.D
Acq: 26 May 2016 11:40

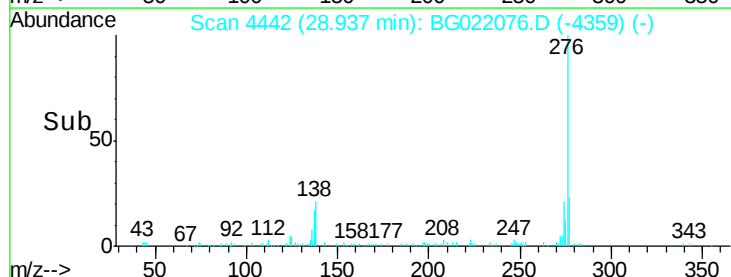
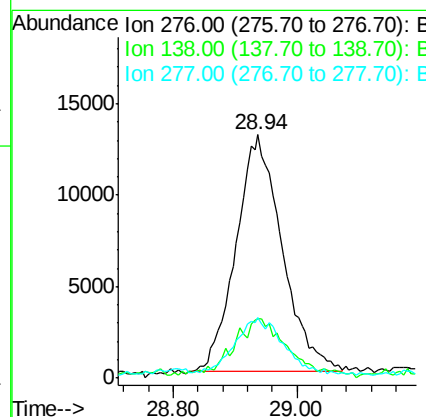
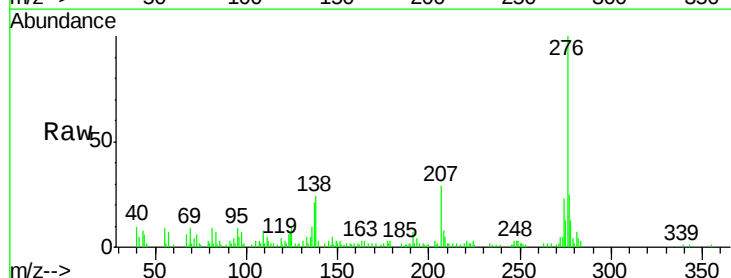
Instrument :
BNA_G
ClientSampled :
JHGJ3DL

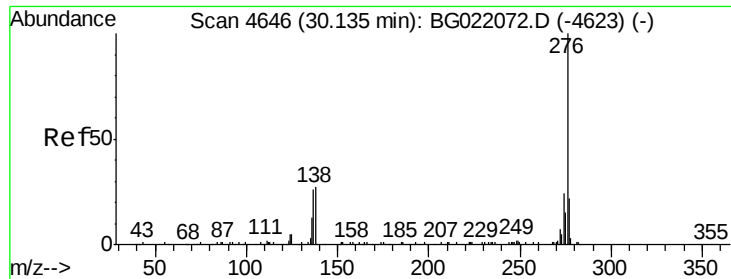
Tgt Ion:	252	Resp:	123808
Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.0	28.4
125	14.0	12.0	18.0



#89
Indeno(1,2,3-cd)pyrene
Concen: 6.66 ng/u1
RT: 28.94 min Scan# 4442
Delta R.T. -0.01 min
Lab File: BG022076.D
Acq: 26 May 2016 11:40

Tgt Ion:	276	Resp:	67289
Ion	Ratio	Lower	Upper
276	100		
138	24.1	20.8	31.2
277	25.0	17.6	26.4





#91

Benzo(g,h,i)perylene

Concen: 5.01 ng/ul

RT: 30.13 min Scan# 4645

Delta R.T. -0.01 min

Lab File: BG022076.D

Acq: 26 May 2016 11:40

Instrument :

BNA_G

ClientSampleId :

JHGJ3DL

Tgt Ion: 276 Resp: 40577

Ion Ratio Lower Upper

276 100

138 27.5 22.1 33.1

277 25.8 17.0 25.4#

