

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110515\
 Data File : BG019495.D
 Acq On : 5 Nov 2015 16:45
 Operator : UM/NP
 Sample : G4273-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP5

Quant Time: Nov 06 02:16:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 06 02:11:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	41753	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	172311	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	132470	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	355157	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	459803	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	449824	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	2147	2.46	ng/uL	0.00
5) Phenol-d5	7.32	99	63465	16.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	47541	19.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	40495	16.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	53667	17.58	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	22450	17.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	26165	17.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	52793	16.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	58001	17.58	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	198251	18.15	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	214781	17.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	25607	14.76	ng/ul	0.00
58) Fluorene-d10	15.79	176	172598	17.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	33733	14.67	ng/ul	0.00
71) Anthracene-d10	17.65	188	295014	18.22	ng/ul	0.00
79) Pyrene-d10	19.92	212	344594	17.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	381786	16.91	ng/ul	0.00

Target Compounds

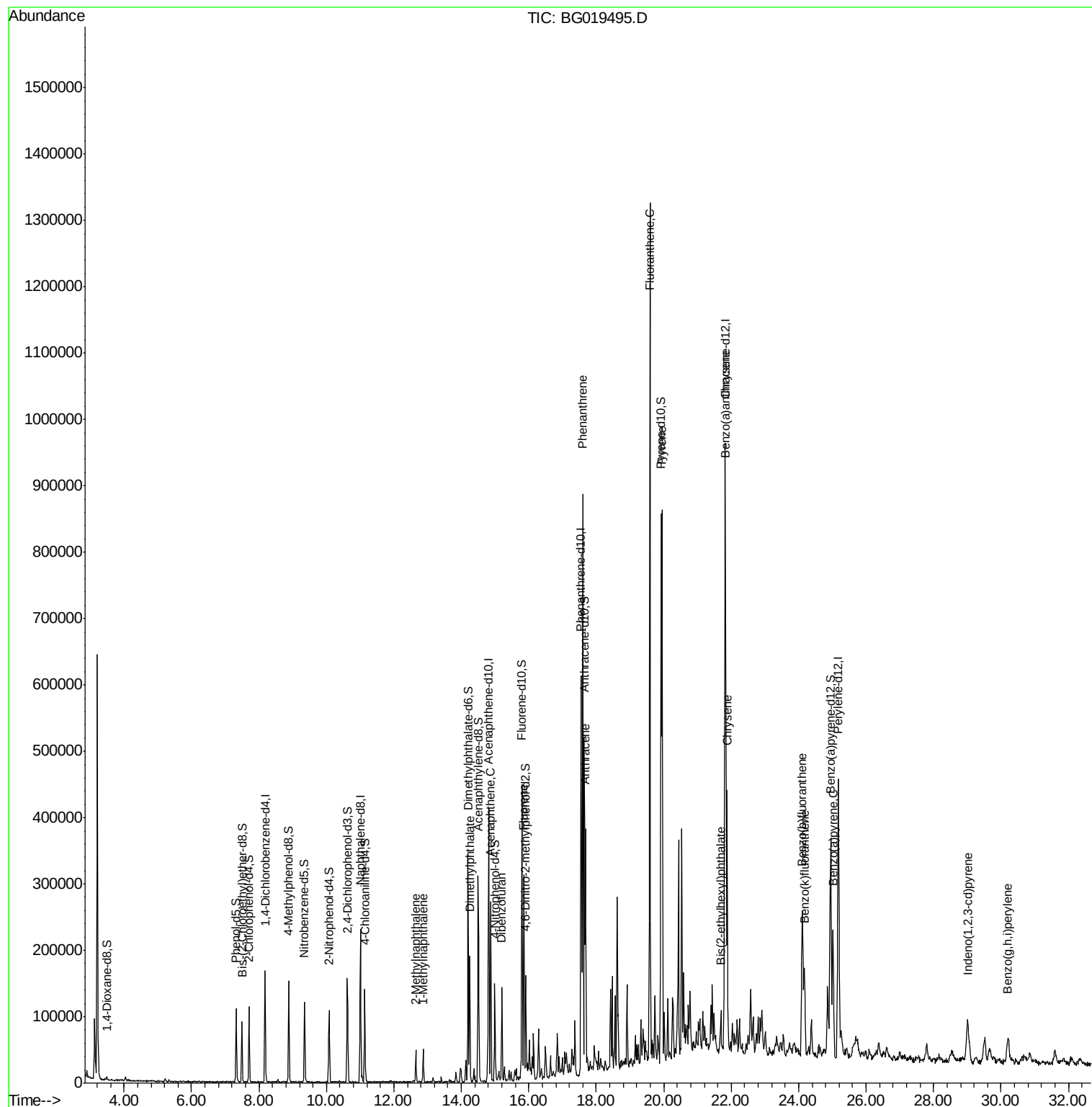
					Qvalue
34) 2-Methylnaphthalene	12.65	142	19899	2.87 ng/ul	96
35) 1-Methylnaphthalene	12.87	142	18737	2.86 ng/ul#	89
45) Dimethylphthalate	14.25	163	107936	9.66 ng/ul#	98
50) Acenaphthene	14.87	153	107078	12.80 ng/ul	94
54) Dibenzofuran	15.20	168	72382	5.87 ng/ul	100
59) Fluorene	15.85	166	138463	12.88 ng/ul	96
70) Phenanthrene	17.59	178	501206	27.96 ng/ul	98
72) Anthracene	17.68	178	227972	12.48 ng/ul	97
77) Fluoranthene	19.59	202	802752	34.59 ng/ul#	94
80) Pyrene	19.95	202	560159	21.71 ng/ul#	93
83) Benzo(a)anthracene	21.81	228	341290	12.74 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.69	149	16444	1.38 ng/ul	93
85) Chrysene	21.88	228	279658	11.13 ng/ul	99
88) Benzo(b)fluoranthene	24.11	252	287144	10.82 ng/ul#	94
89) Benzo(k)fluoranthene	24.18	252	123689	4.84 ng/ul#	96
91) Benzo(a)pyrene	25.02	252	212962	8.36 ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	29.01	276	106786	3.72 ng/ul	98
94) Benzo(g,h,i)perylene	30.20	276	37607	1.73 ng/ul#	90

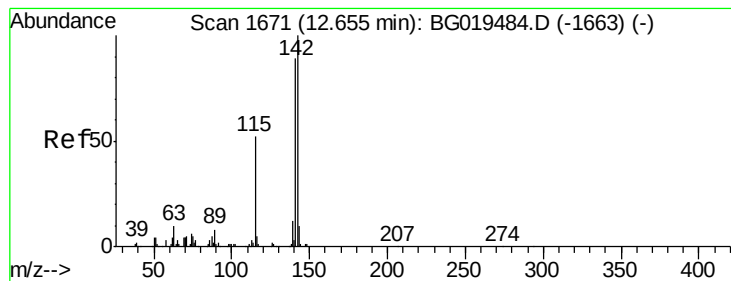
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110515\
Data File : BG019495.D
Acq On : 5 Nov 2015 16:45
Operator : UM/NP
Sample : G4273-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AP5

Quant Time: Nov 06 02:16:28 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 02:11:58 2015
Response via : Initial Calibration





#34

2-Methylnaphthalene

Concen: 2.87 ng/ul

RT: 12.65 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

Instrument :

BNA_G

ClientSampled :

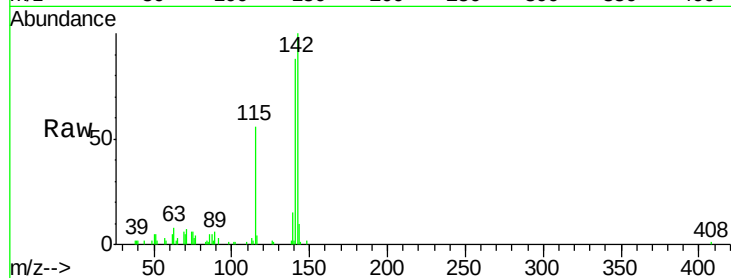
C0AP5

Tgt Ion:142 Resp: 19899

Ion Ratio Lower Upper

142 100

141 88.1 73.4 110.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.65

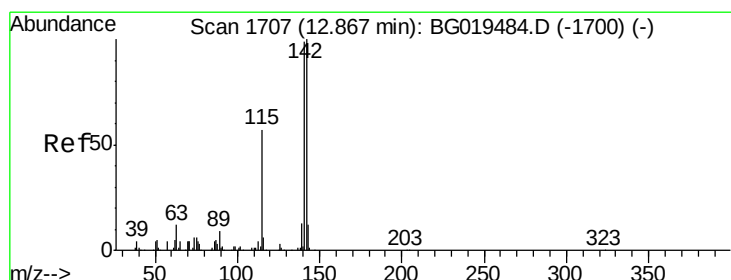
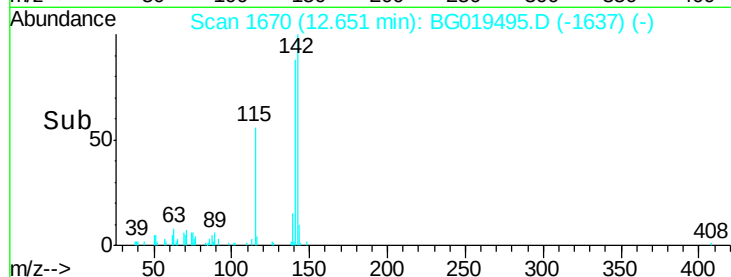
15000

10000

5000

0

Time-->



#35

1-Methylnaphthalene

Concen: 2.86 ng/ul

RT: 12.87 min Scan# 1707

Delta R.T. 0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

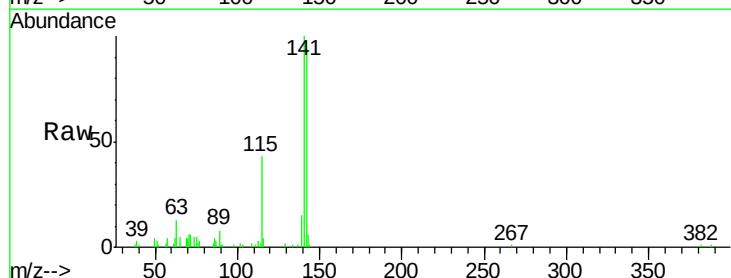
Tgt Ion:142 Resp: 18737

Ion Ratio Lower Upper

142 100

141 106.4 76.5 114.7

116 3.8 5.4 8.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

12.87

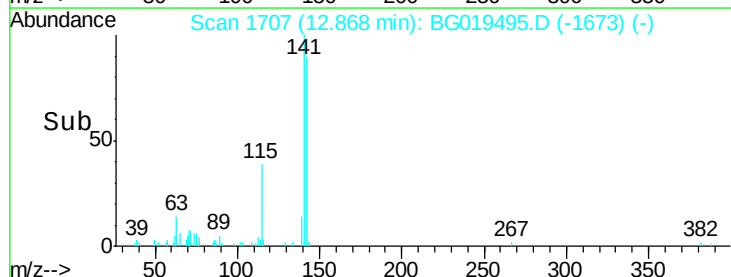
15000

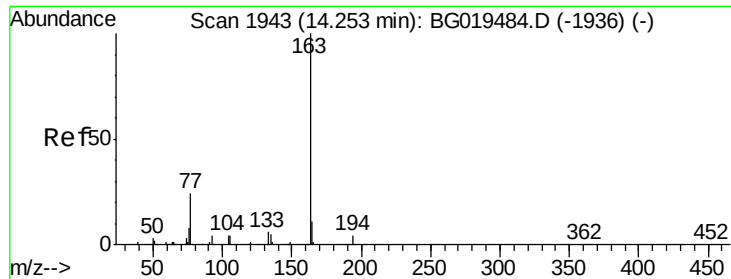
10000

5000

0

Time-->

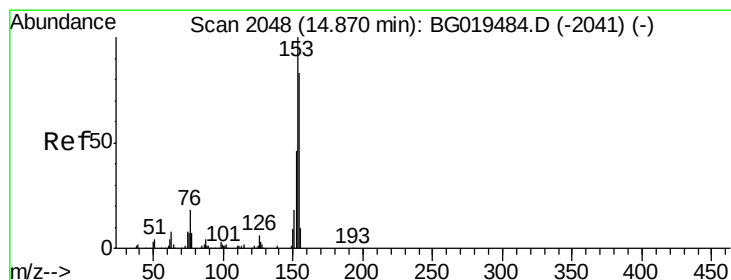
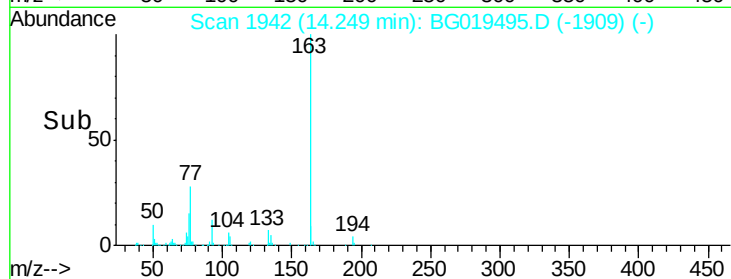
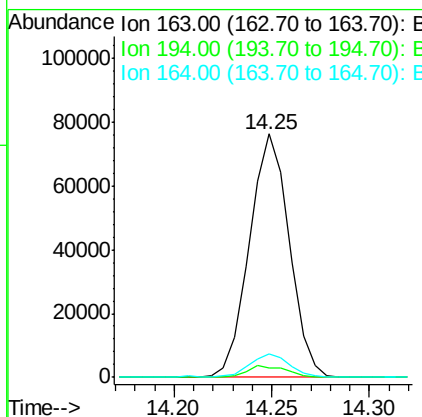
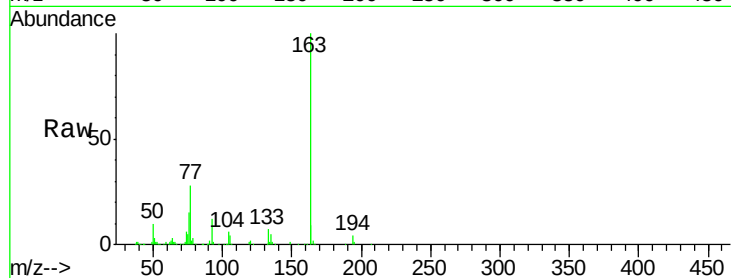




#45
Dimethylphthalate
Concen: 9.66 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG019495.D
Acq: 5 Nov 2015 16:45

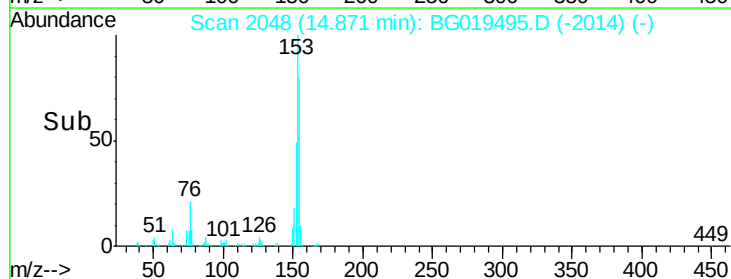
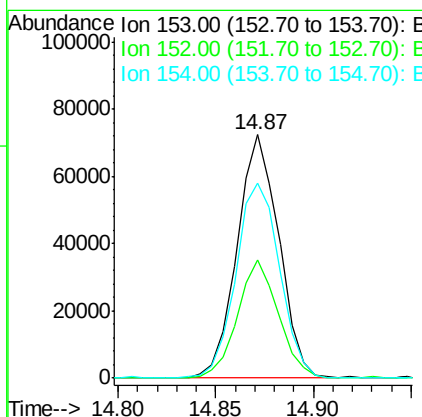
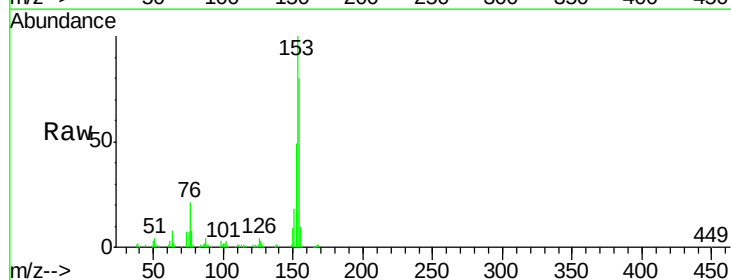
Instrument :
BNA_G
ClientSampleId :
C0AP5

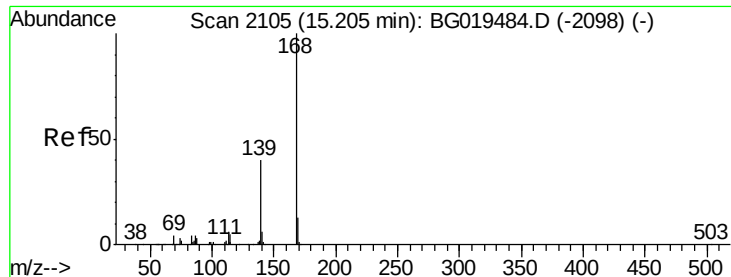
Tgt Ion:163 Resp: 107936
Ion Ratio Lower Upper
163 100
194 3.8 4.3 6.5#
164 9.5 7.5 11.3



#50
Acenaphthene
Concen: 12.80 ng/ul
RT: 14.87 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG019495.D
Acq: 5 Nov 2015 16:45

Tgt Ion:153 Resp: 107078
Ion Ratio Lower Upper
153 100
152 48.7 38.8 58.2
154 80.2 71.5 107.3





#54

Dibenzofuran

Concen: 5.87 ng/ul

RT: 15.20 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

Instrument :

BNA_G

ClientSampleId :

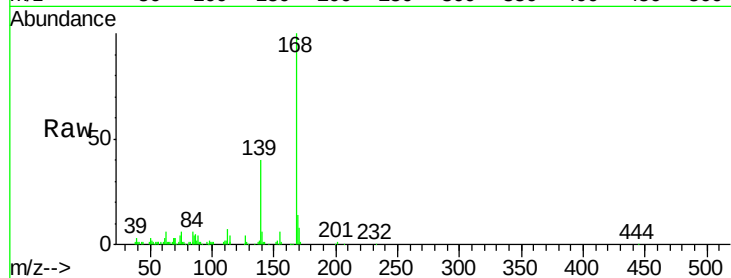
C0AP5

Tgt Ion:168 Resp: 72382

Ion Ratio Lower Upper

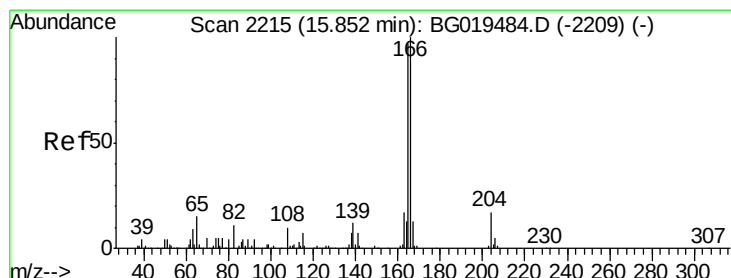
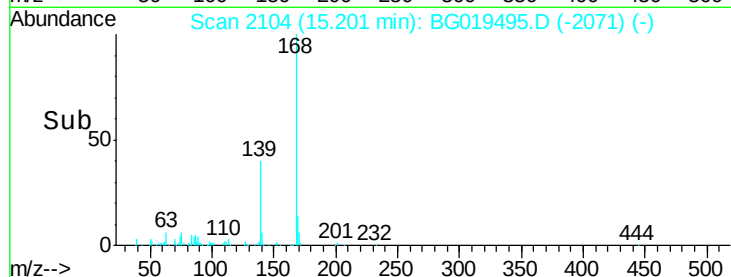
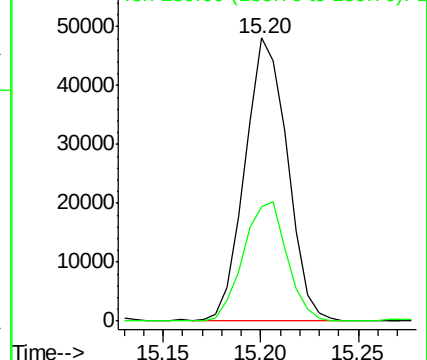
168 100

139 40.2 32.4 48.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 12.88 ng/ul

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

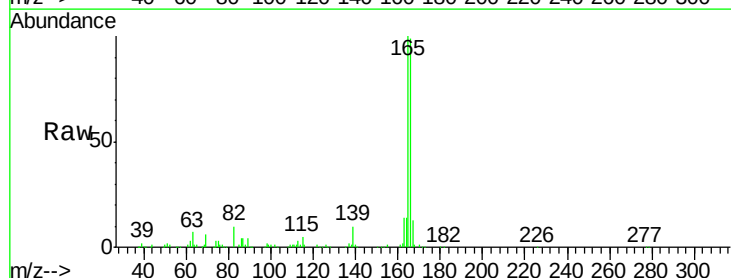
Tgt Ion:166 Resp: 138463

Ion Ratio Lower Upper

166 100

165 101.4 77.6 116.4

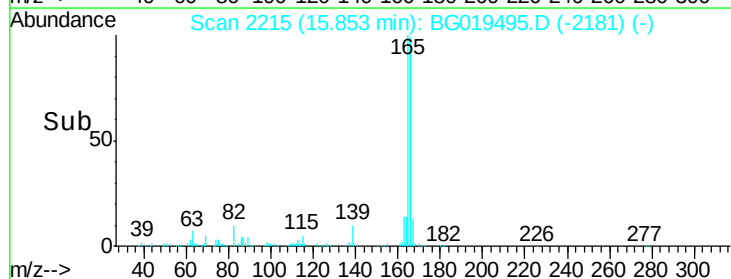
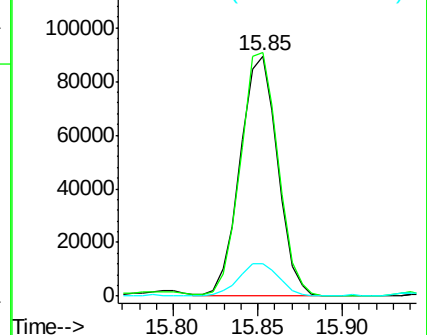
167 13.5 9.6 14.4

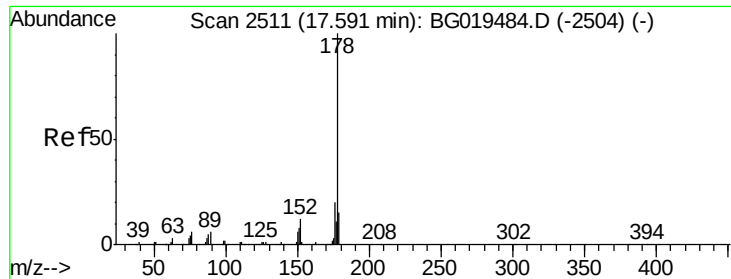


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

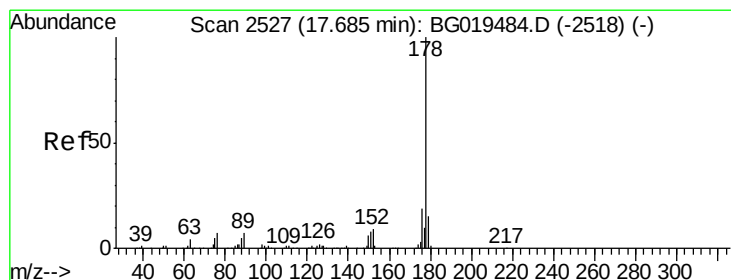
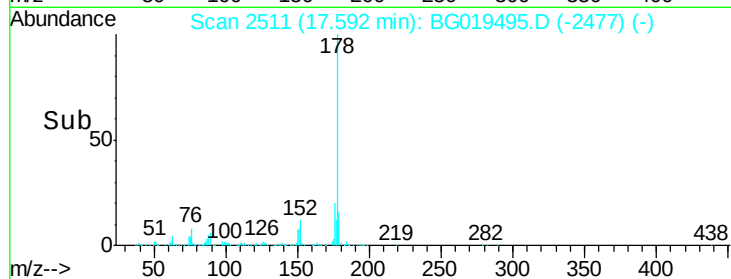
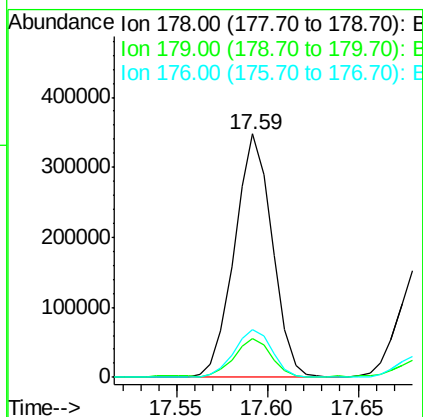
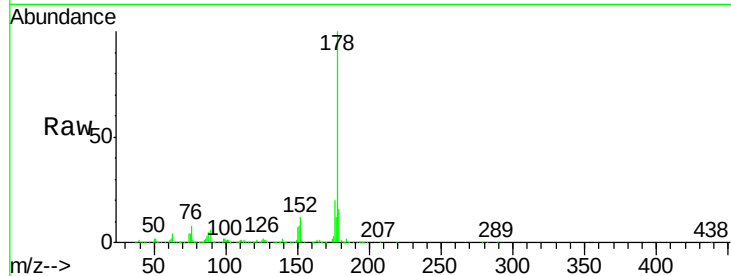




#70
Phenanthrene
Concen: 27.96 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG019495.D
Acq: 5 Nov 2015 16:45

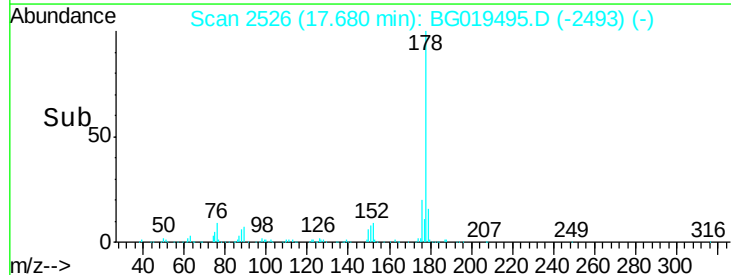
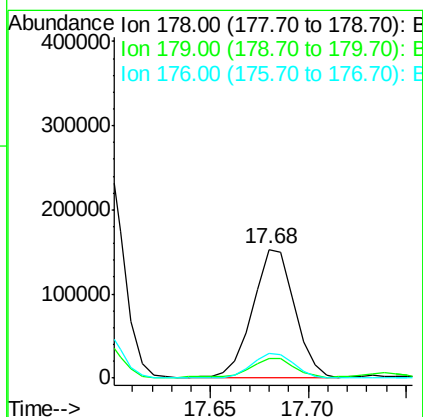
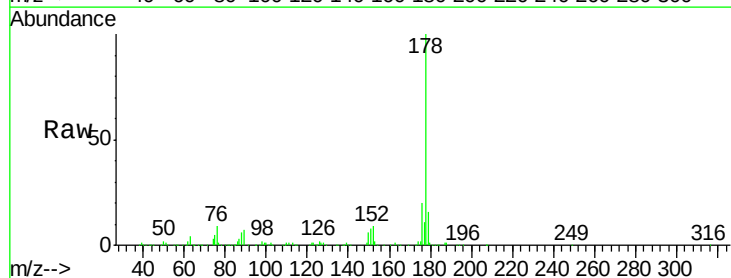
Instrument :
BNA_G
ClientSampleId :
C0AP5

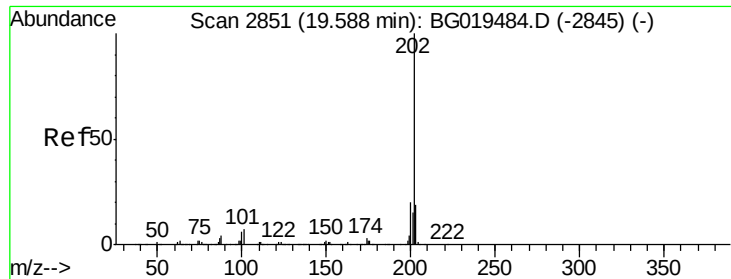
Tgt Ion:178 Resp: 501206
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.8 14.3 21.5



#72
Anthracene
Concen: 12.48 ng/ul
RT: 17.68 min Scan# 2526
Delta R.T. -0.00 min
Lab File: BG019495.D
Acq: 5 Nov 2015 16:45

Tgt Ion:178 Resp: 227972
Ion Ratio Lower Upper
178 100
179 15.5 11.6 17.4
176 19.6 14.2 21.4

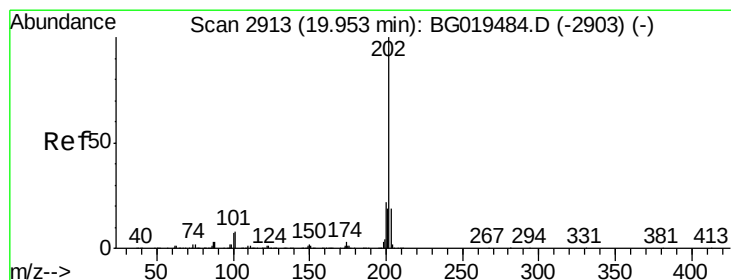
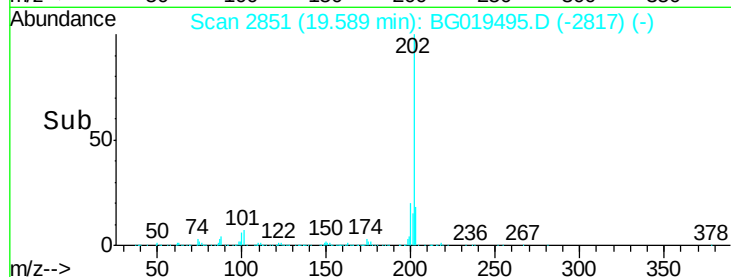
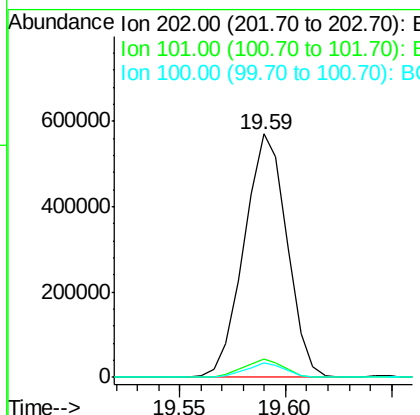
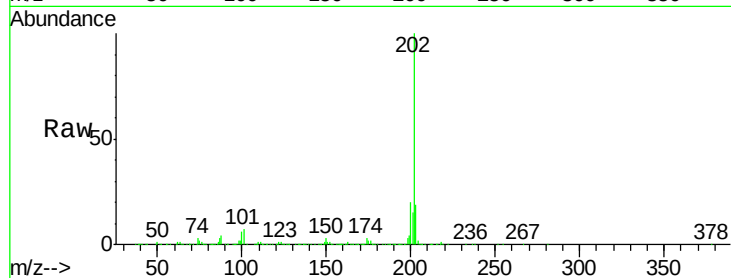




#77
Fluoranthene
 Concen: 34.59 ng/ul
 RT: 19.59 min Scan# 2851
 Delta R.T. 0.00 min
 Lab File: BG019495.D
 Acq: 5 Nov 2015 16:45

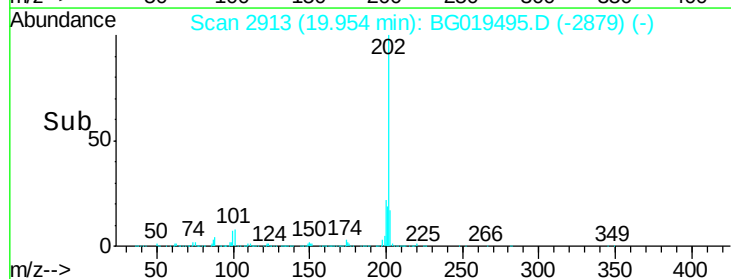
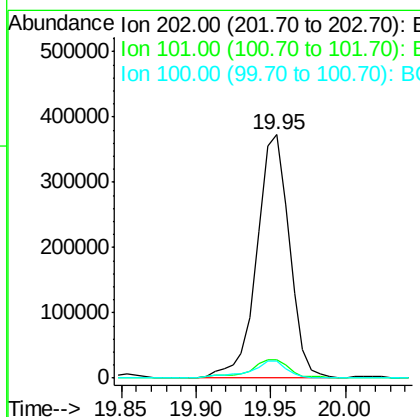
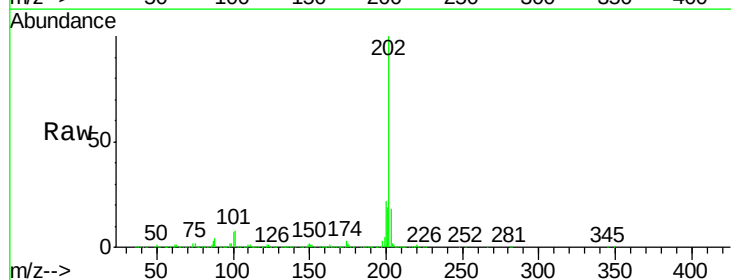
Instrument :
 BNA_G
 ClientSampleId :
 C0AP5

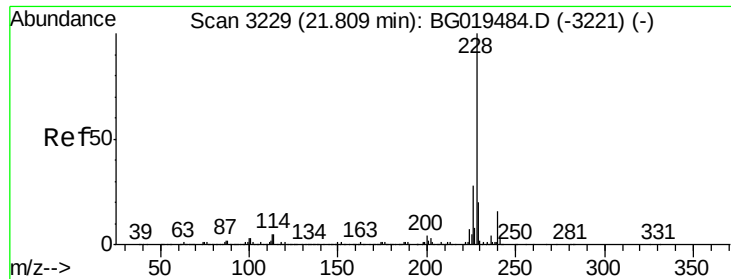
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.3	4.0	6.0#
100	6.1	3.6	5.4#



#80
Pyrene
 Concen: 21.71 ng/ul
 RT: 19.95 min Scan# 2913
 Delta R.T. 0.00 min
 Lab File: BG019495.D
 Acq: 5 Nov 2015 16:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	4.3	6.5#
100	6.9	3.6	5.4#





#83

Benzo(a)anthracene

Concen: 12.74 ng/ul

RT: 21.81 min Scan# 3229

Delta R.T. 0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

Instrument :

BNA_G

ClientSampled :

C0AP5

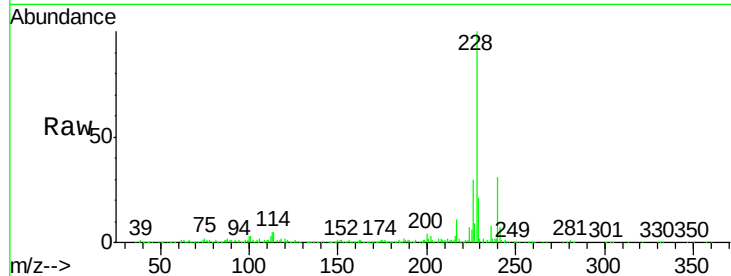
Tgt Ion:228 Resp: 341290

Ion Ratio Lower Upper

228 100

229 20.8 15.8 23.8

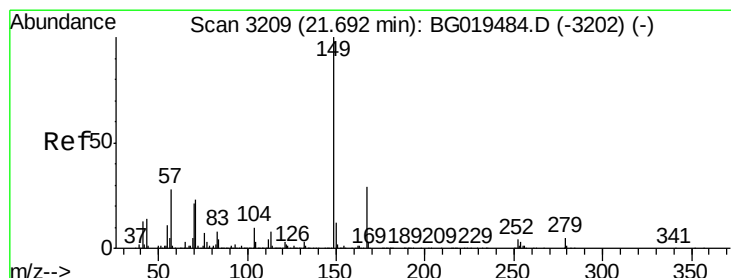
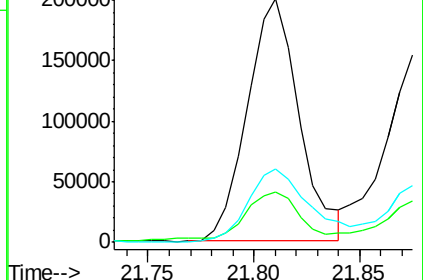
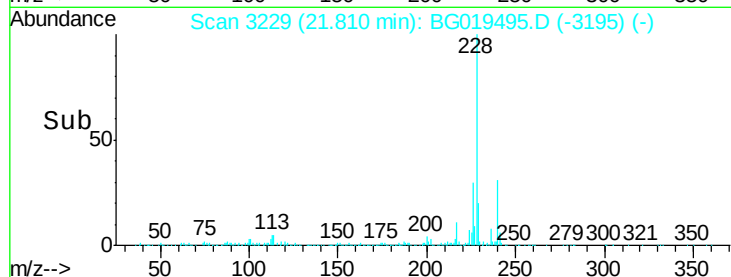
226 30.4 21.8 32.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.38 ng/ul

RT: 21.69 min Scan# 3208

Delta R.T. -0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

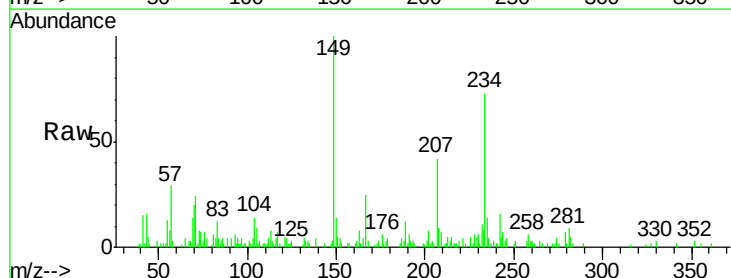
Tgt Ion:149 Resp: 16444

Ion Ratio Lower Upper

149 100

167 24.9 23.2 34.8

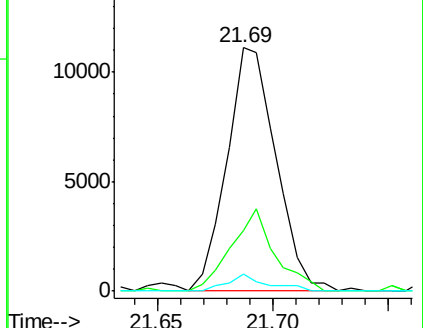
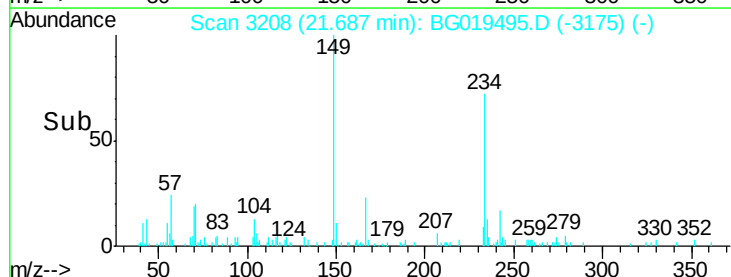
279 7.0 5.0 7.4

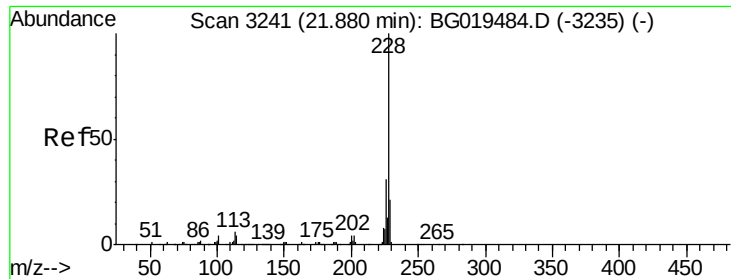


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

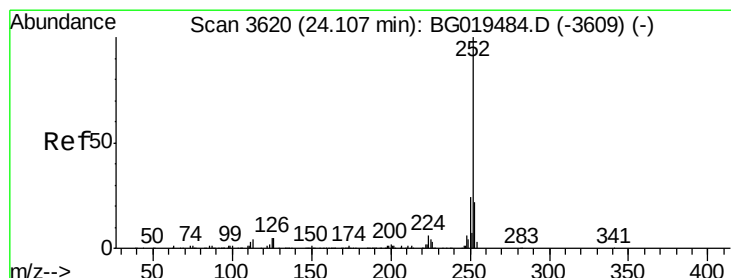
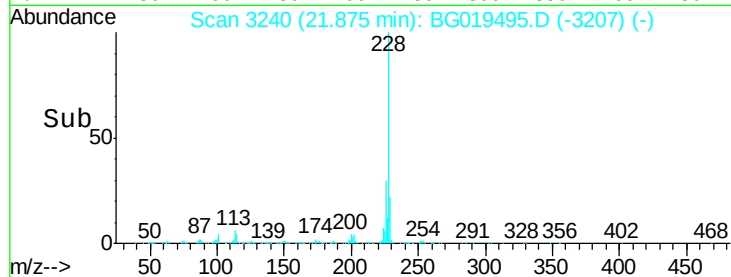
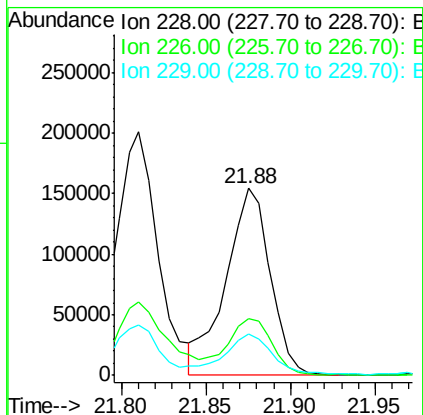
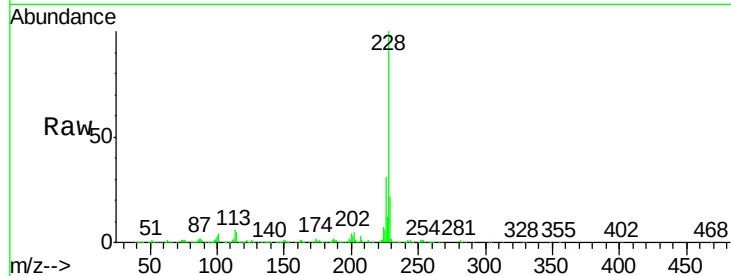




#85
 Chrysene
 Concen: 11.13 ng/ul
 RT: 21.88 min Scan# 3240
 Delta R.T. -0.00 min
 Lab File: BG019495.D
 Acq: 5 Nov 2015 16:45

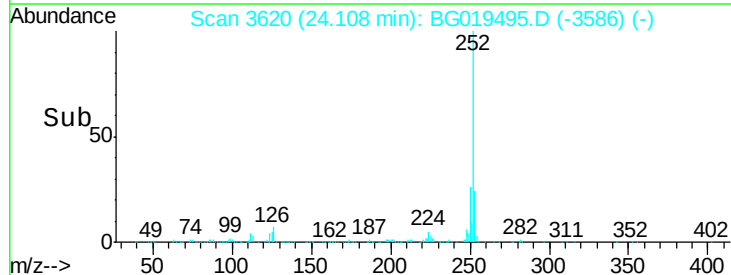
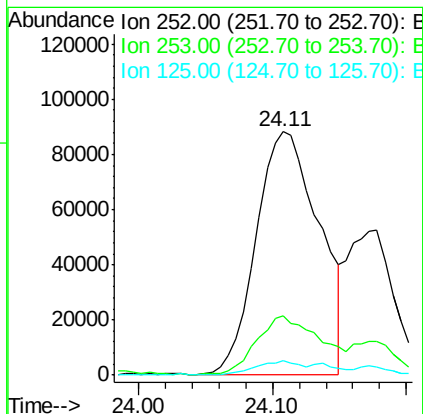
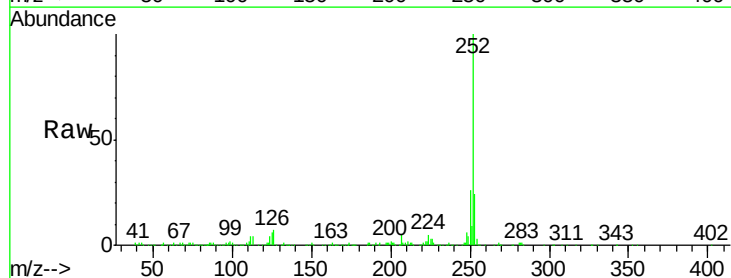
Instrument :
 BNA_G
 ClientSampleId :
 C0AP5

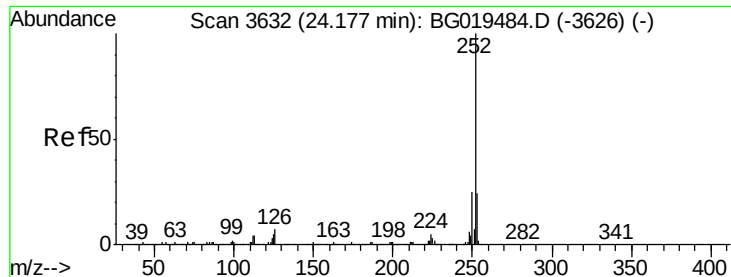
Tgt Ion: 228 Resp: 279658
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.6 36.8
 229 22.4 17.3 25.9



#88
 Benzo(b)fluoranthene
 Concen: 10.82 ng/ul
 RT: 24.11 min Scan# 3620
 Delta R.T. 0.00 min
 Lab File: BG019495.D
 Acq: 5 Nov 2015 16:45

Tgt Ion: 252 Resp: 287144
 Ion Ratio Lower Upper
 252 100
 253 24.3 17.1 25.7
 125 5.7 2.5 3.7#





#89

Benzo(k)fluoranthene

Concen: 4.84 ng/ul

RT: 24.18 min Scan# 3632

Delta R.T. 0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

Instrument :

BNA_G

ClientSampled :

C0AP5

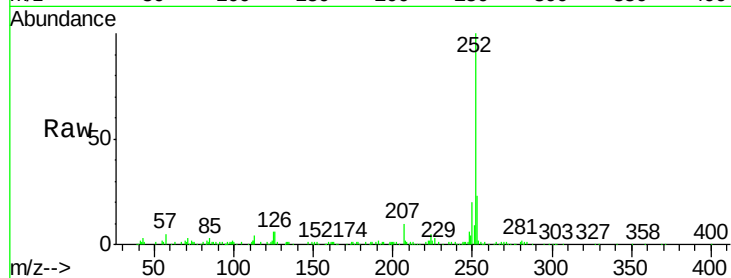
Tgt Ion:252 Resp: 123689

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

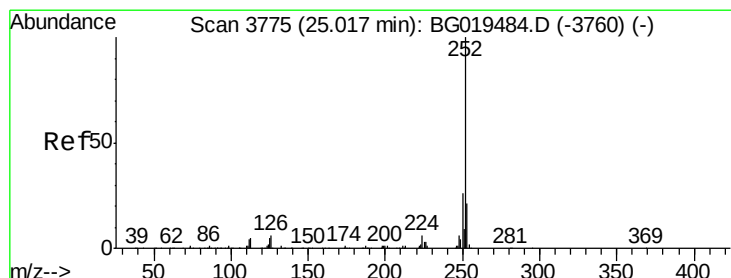
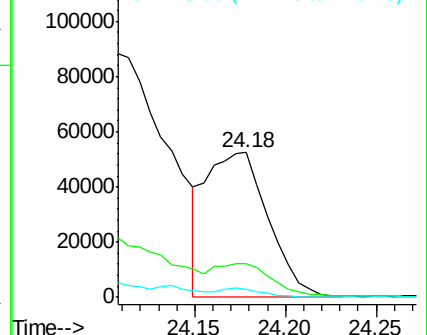
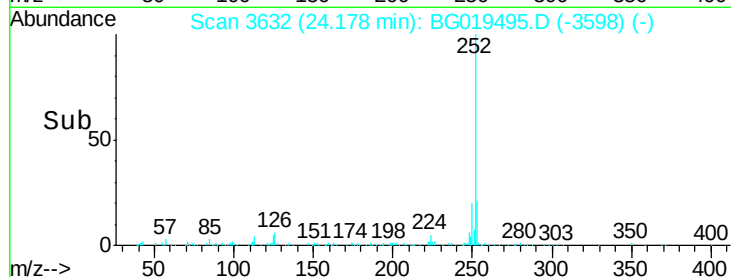
125 5.7 3.1 4.7#



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



#91

Benzo(a)pyrene

Concen: 8.36 ng/ul

RT: 25.02 min Scan# 3775

Delta R.T. 0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

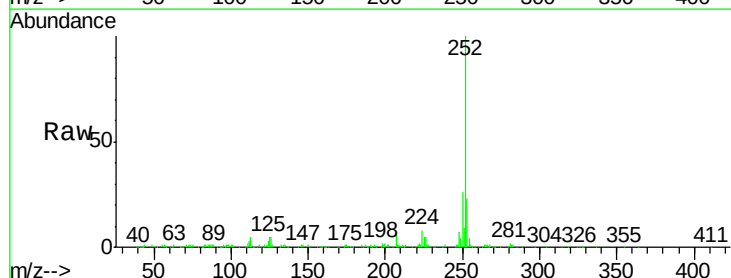
Tgt Ion:252 Resp: 212962

Ion Ratio Lower Upper

252 100

253 22.8 16.0 24.0

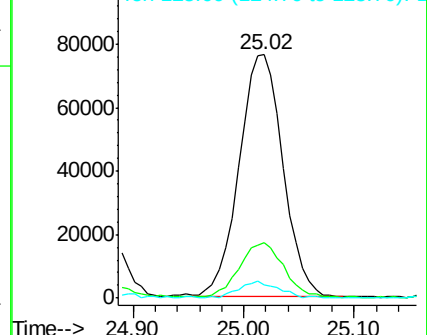
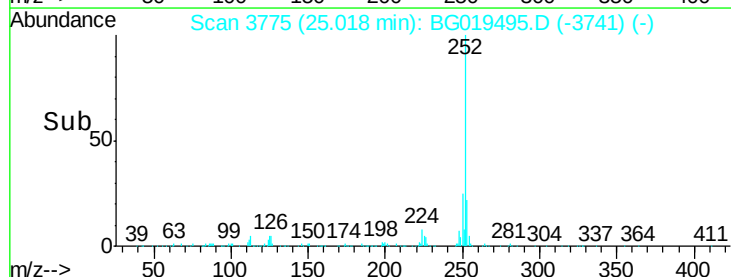
125 5.4 3.3 4.9#

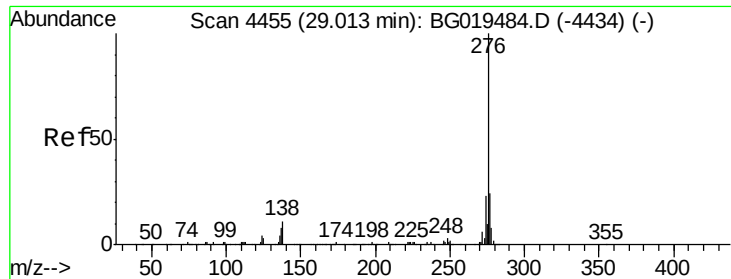


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 3.72 ng/ul

RT: 29.01 min Scan# 4455

Delta R.T. 0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

Instrument :

BNA_G

ClientSampleId :

C0AP5

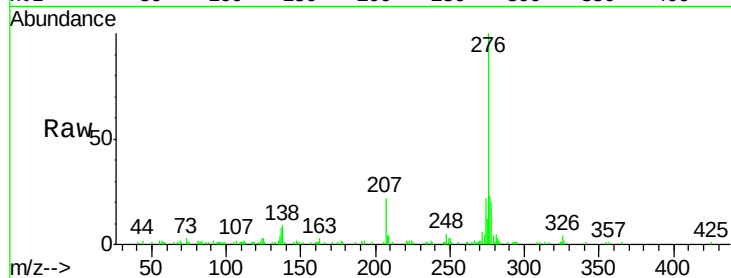
Tgt Ion:276 Resp: 106786

Ion Ratio Lower Upper

276 100

138 9.2 6.2 9.4

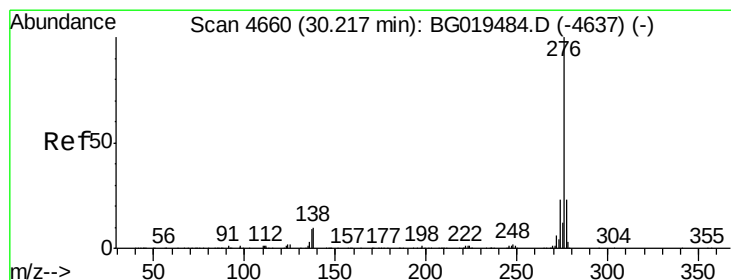
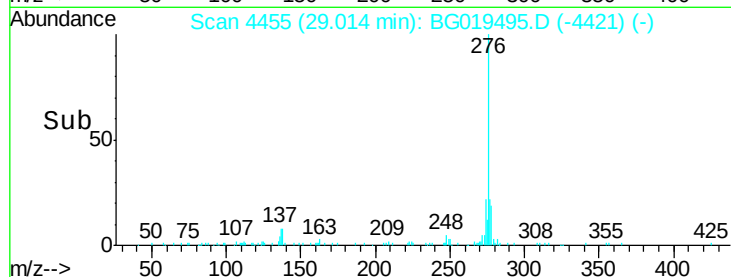
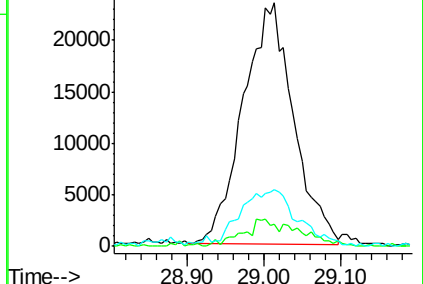
277 23.3 17.9 26.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#94

Benzo(g,h,i)perylene

Concen: 1.73 ng/ul

RT: 30.20 min Scan# 4657

Delta R.T. -0.02 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

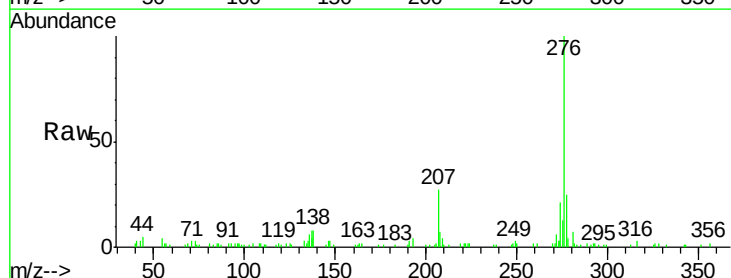
Tgt Ion:276 Resp: 37607

Ion Ratio Lower Upper

276 100

138 8.1 5.6 8.4

277 25.5 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

