

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019676.D
 Acq On : 18 Nov 2015 1:29
 Operator : UM/NP
 Sample : G4427-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC795

Quant Time: Nov 18 03:05:36 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 03:01:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	18644	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	87644	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	93288	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	274334	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	339274	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	329646	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	3248	7.44	ng/uL	0.00
5) Phenol-d5	7.29	99	70073	36.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	48362	38.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	44516	36.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	59868	37.86	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	24552	34.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	28543	35.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	61251	34.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	67394	40.54	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	241950	28.68	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	232641	25.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	40672	30.60	ng/ul	0.00
58) Fluorene-d10	15.77	176	183626	24.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	40387	22.79	ng/ul	0.00
71) Anthracene-d10	17.62	188	325868	24.47	ng/ul	0.00
79) Pyrene-d10	19.89	212	347708	22.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	334570	19.44	ng/ul	0.00

Target Compounds

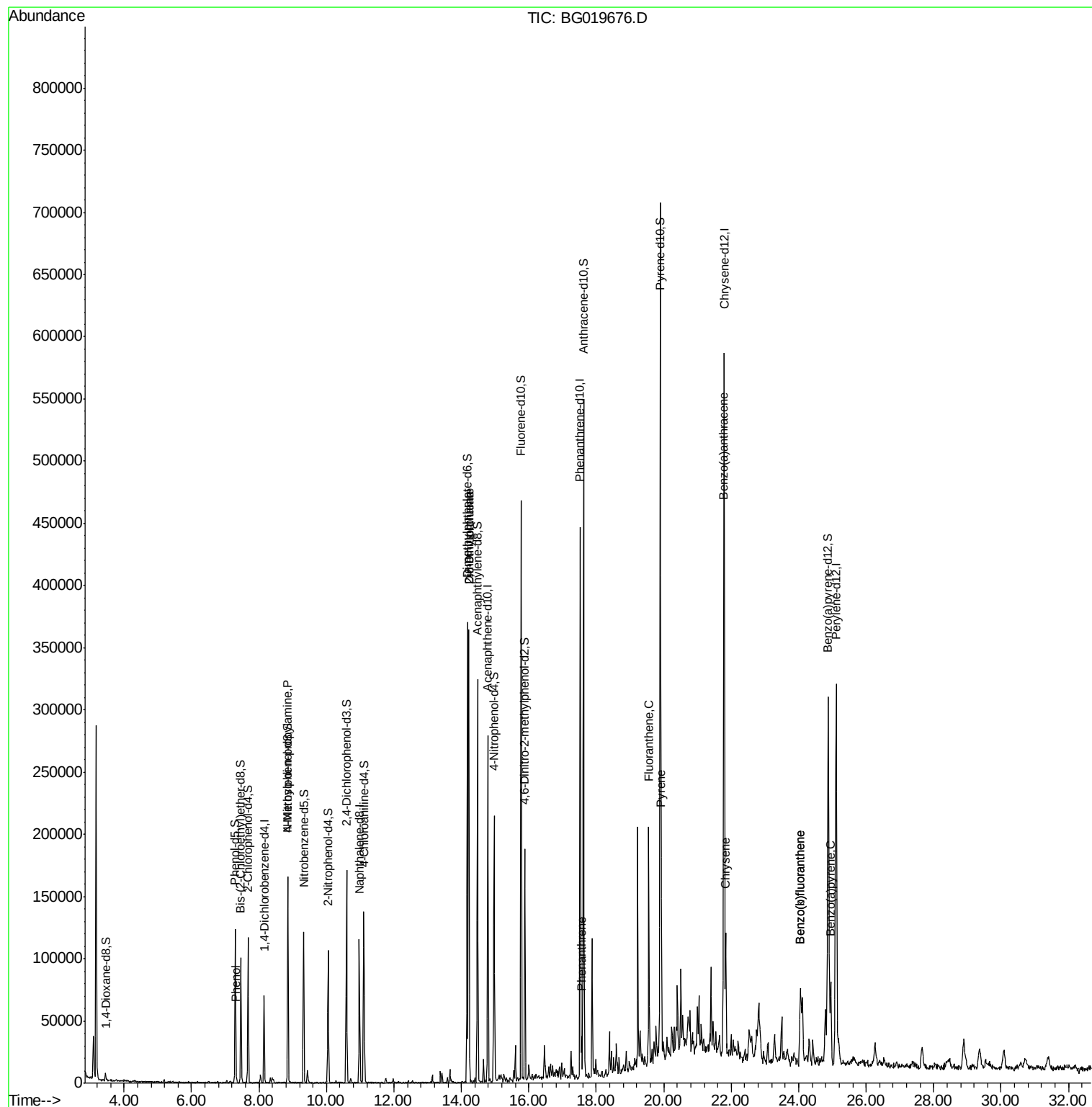
						Ovalue
6) Phenol	7.32	94	4175	2.02	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.85	70	1939	1.10	ng/ul#	1
45) Dimethylphthalate	14.22	163	219653	26.26	ng/ul	100
46) 2,6-Dinitrotoluene	14.22	165	2599	1.55	ng/ul#	56
70) Phenanthrene	17.57	178	19117	1.30	ng/ul	98
77) Fluoranthene	19.56	202	113147	6.05	ng/ul	99
80) Pyrene	19.92	202	98129	4.95	ng/ul	98
83) Benzo(a)anthracene	21.77	228	89071	4.33	ng/ul	94
85) Chrysene	21.84	228	66111	3.41	ng/ul	98
88) Benzo(b)fluoranthene	24.05	252	85236	4.20	ng/ul	98
89) Benzo(k)fluoranthene	24.05	252	85236	4.35	ng/ul	98
91) Benzo(a)pyrene	24.95	252	69068	3.53	ng/ul#	95

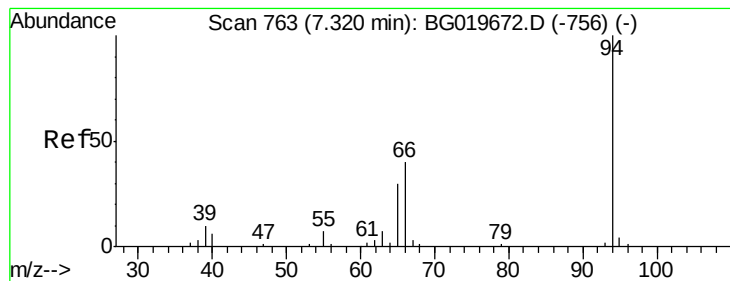
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.02 ng/ul

RT: 7.32 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG019676.D

Acq: 18 Nov 2015 1:29

Instrument :

BNA_G

ClientSampleId :

BC795

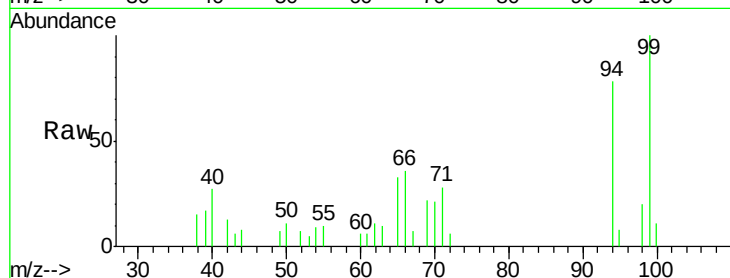
Tot Ion: 94 Resp: 4175

Ion Ratio Lower Upper

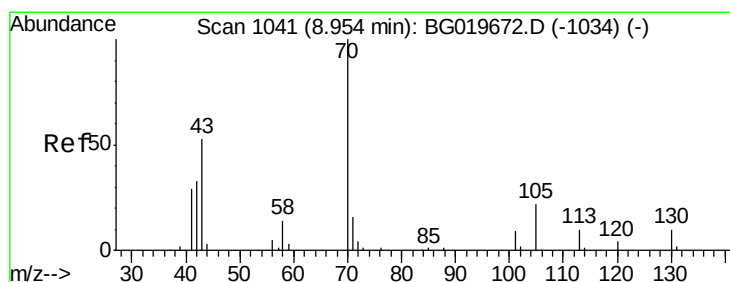
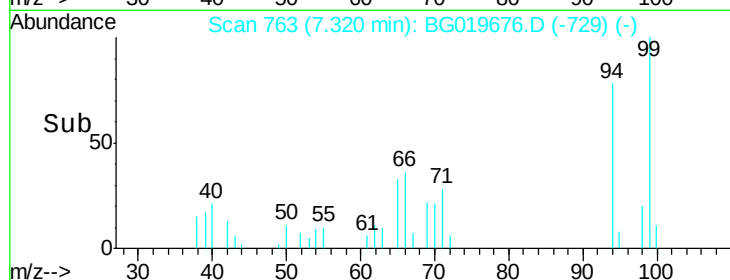
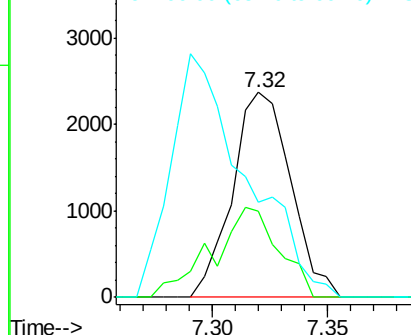
94 100

65 42.0 27.4 41.0#

66 46.5 39.0 58.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#15

N-Nitroso-di-n-propylamine

Concen: 1.10 ng/ul

RT: 8.85 min Scan# 1023

Delta R.T. -0.11 min

Lab File: BG019676.D

Acq: 18 Nov 2015 1:29

Tgt Ion: 70 Resp: 1939

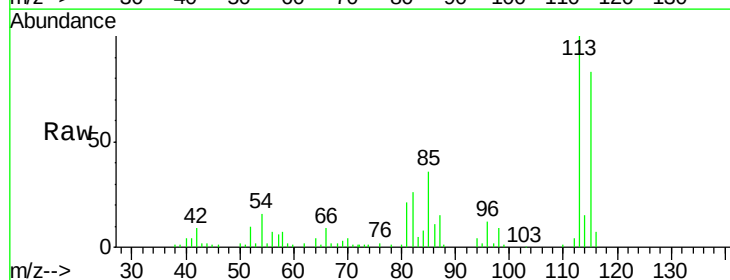
Ion Ratio Lower Upper

70 100

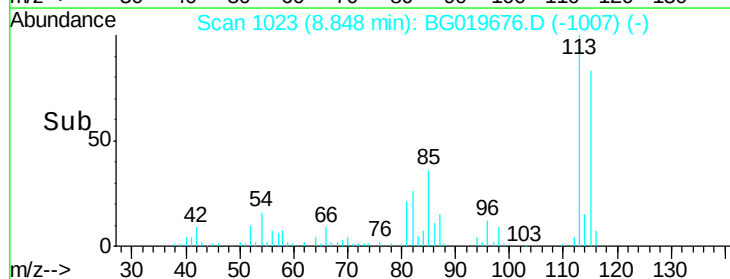
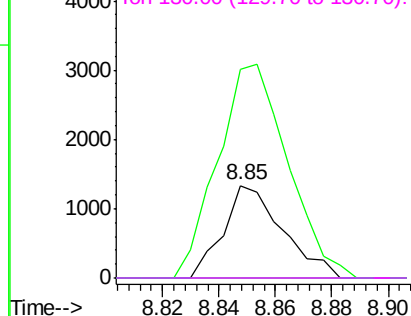
42 225.7 28.4 42.6#

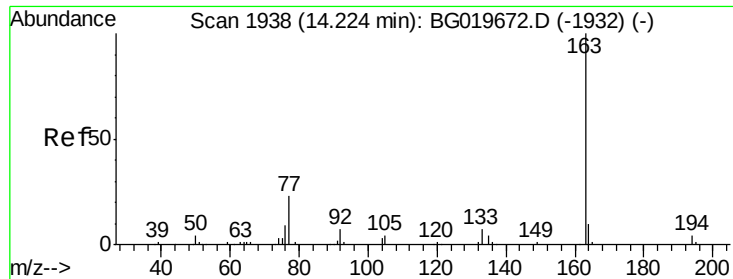
101 0.0 5.3 7.9#

130 0.0 10.9 16.3#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

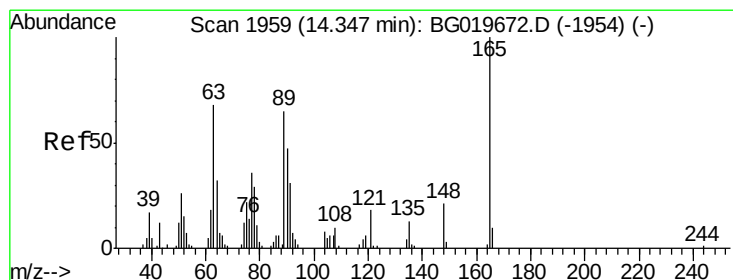
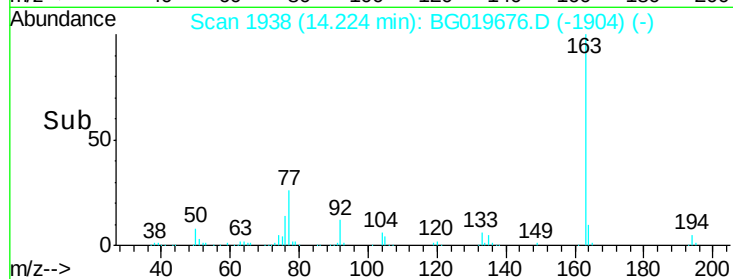
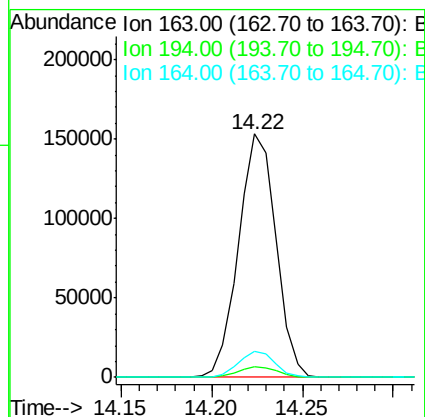
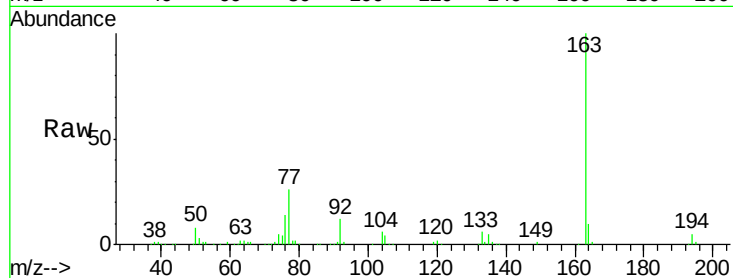




#45
Dimethylphthalate
Concen: 26.26 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

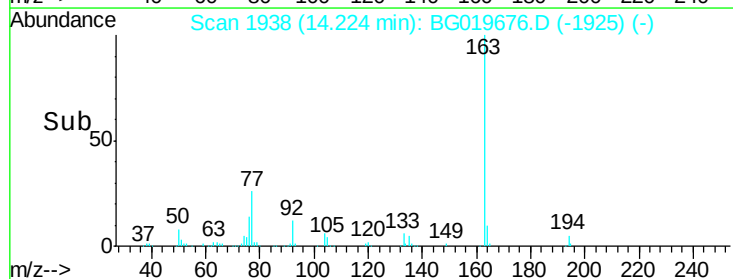
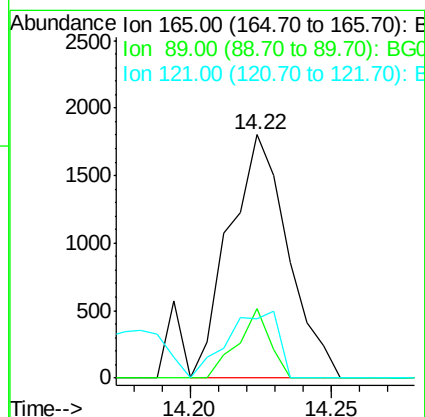
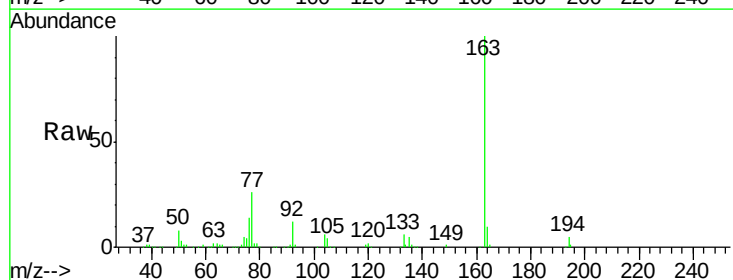
Instrument :
BNA_G
ClientSampleId :
BC795

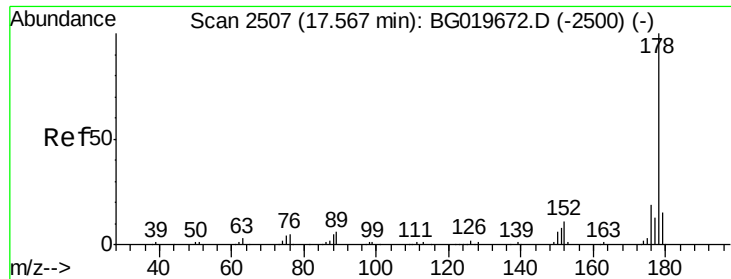
Tot Ion:163 Resp: 219653
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.5 8.3 12.5



#46
2,6-Dinitrotoluene
Concen: 1.55 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.12 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

Tgt Ion:165 Resp: 2599
Ion Ratio Lower Upper
165 100
89 28.5 61.1 91.7#
121 24.4 17.8 26.8





#70

Phenanthrene

Concen: 1.30 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG019676.D

Acq: 18 Nov 2015 1:29

Instrument :

BNA_G

ClientSampleId :

BC795

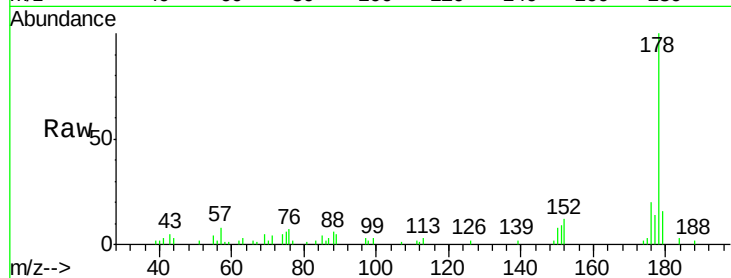
Tot Ion:178 Resp: 19117

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

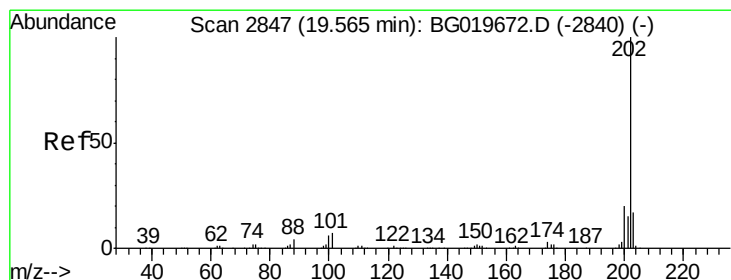
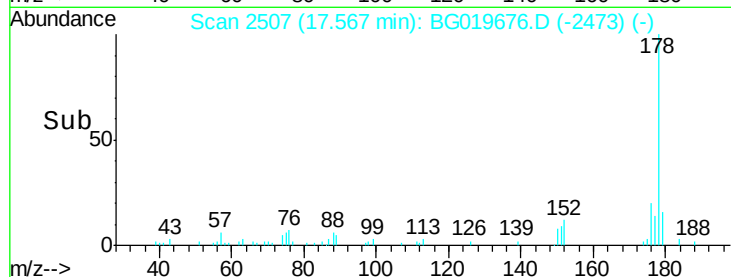
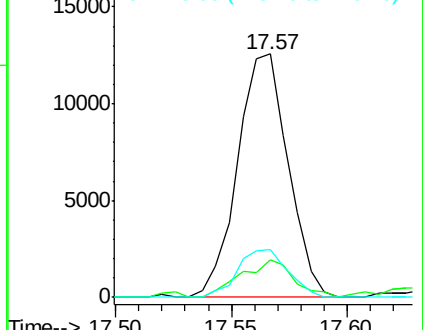
176 19.7 16.6 24.8



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



#77

Fluoranthene

Concen: 6.05 ng/ul

RT: 19.56 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG019676.D

Acq: 18 Nov 2015 1:29

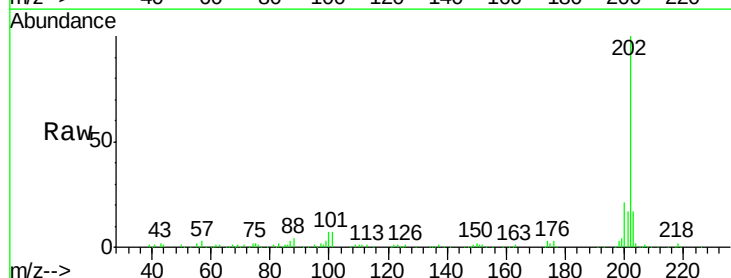
Tgt Ion:202 Resp: 113147

Ion Ratio Lower Upper

202 100

101 6.8 5.2 7.8

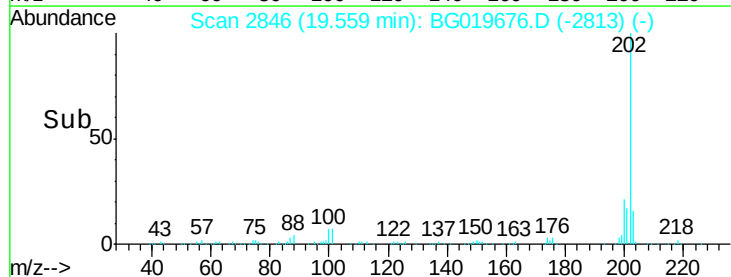
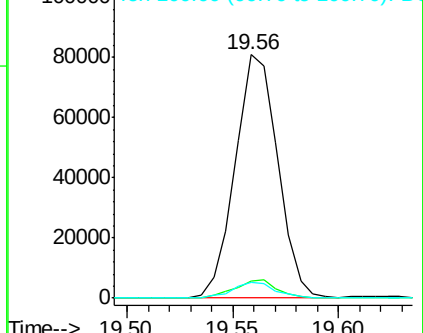
100 6.7 5.0 7.4

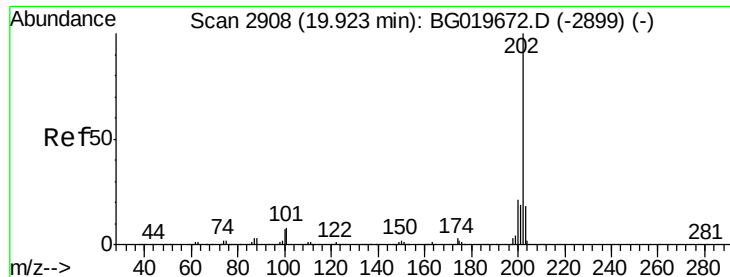


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

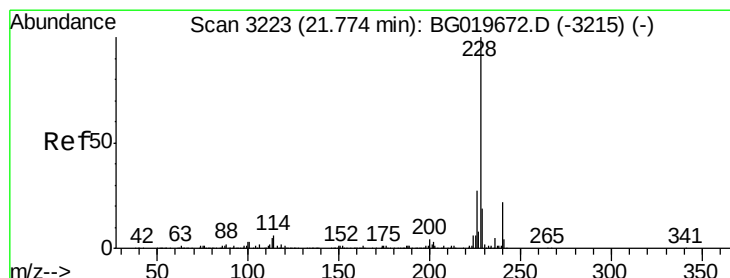
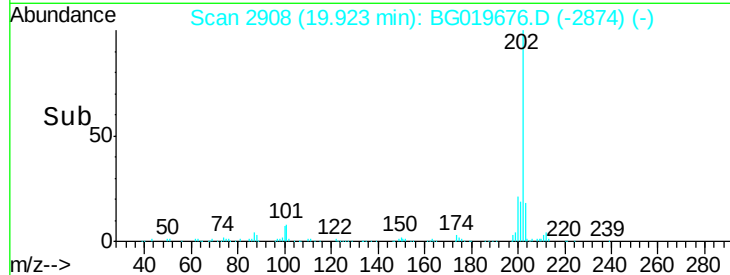
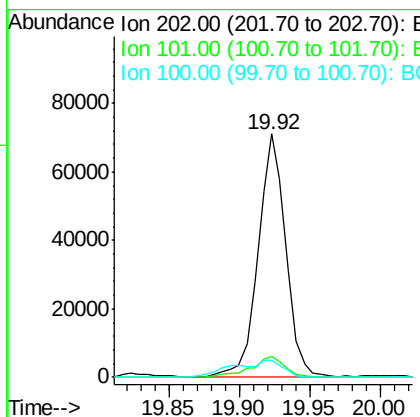
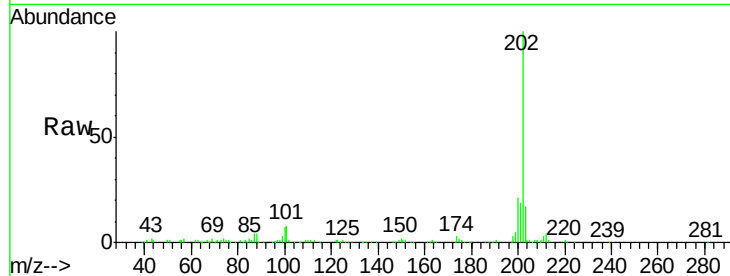




#80
Pvrene
Concen: 4.95 ng/ul
RT: 19.92 min Scan# 2908
Delta R.T. -0.00 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

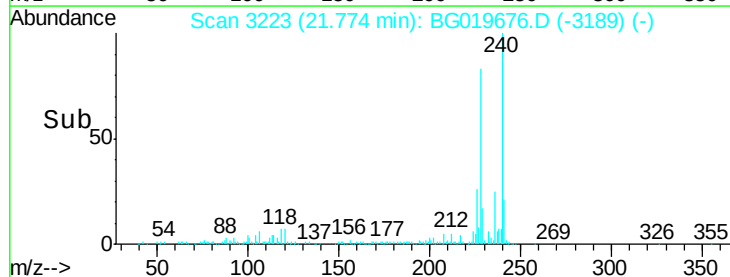
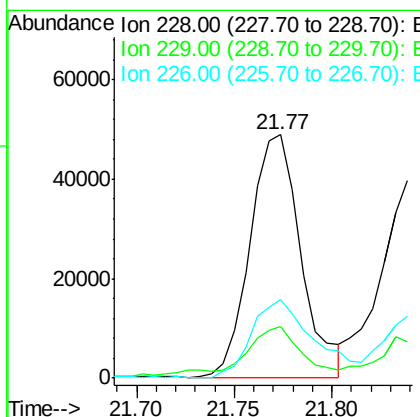
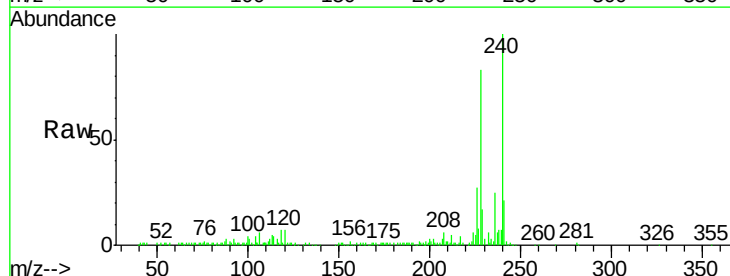
Instrument :
BNA_G
ClientSampleId :
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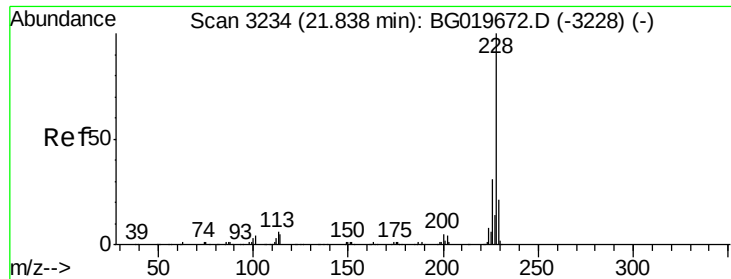
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.0	10.6
100	7.3	6.6	10.0



#83
Benzo(a)anthracene
Concen: 4.33 ng/ul
RT: 21.77 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	32.0	22.6	33.8

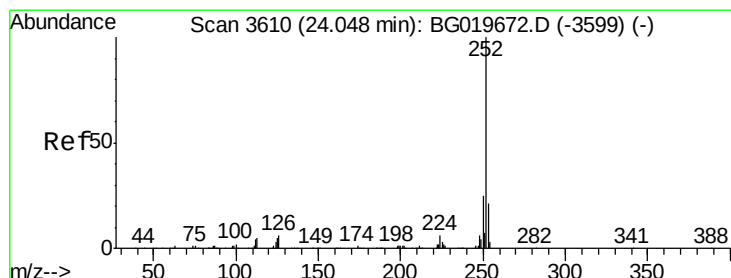
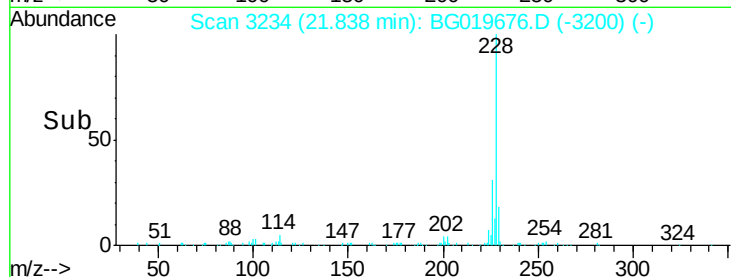
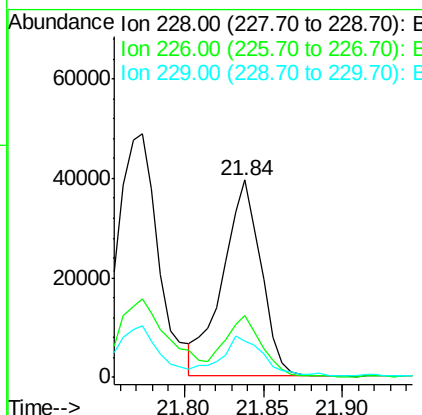
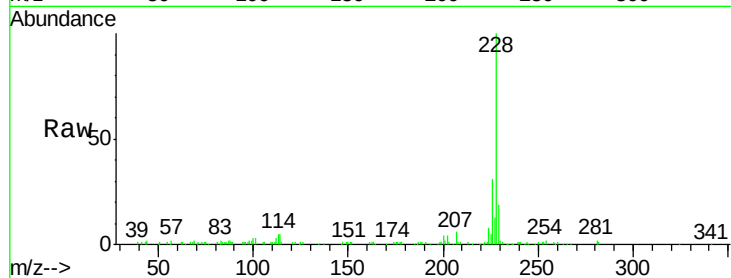




#85
Chrysene
Concen: 3.41 ng/ul
RT: 21.84 min Scan# 3234
Delta R.T. -0.00 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

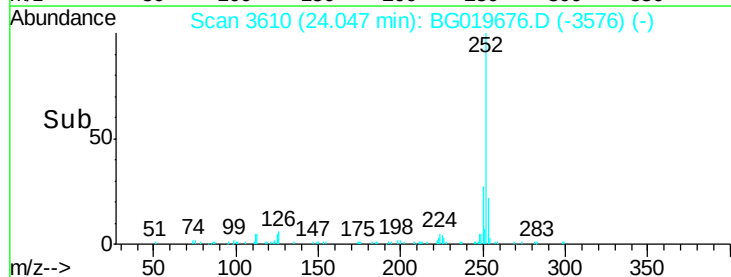
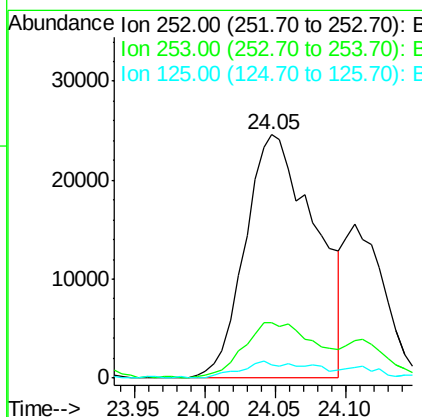
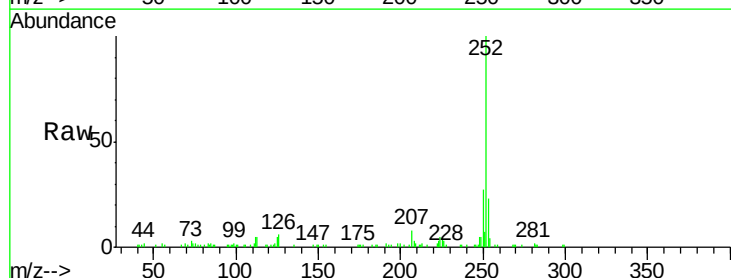
Instrument :
BNA_G
ClientSampleId :
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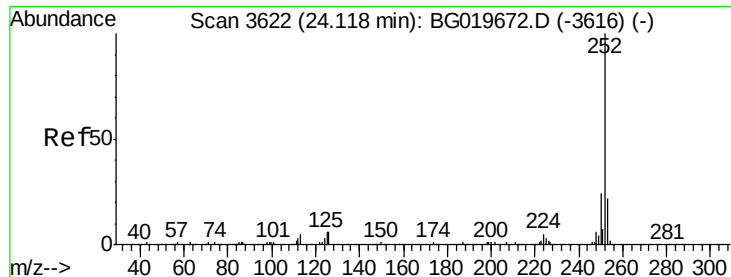
Tot Ion:228	Resp:	66111
Ion Ratio	Lower	Upper
228	100	
226	31.2	24.9 37.3
229	18.7	17.0 25.6



#88
Benzo(b)fluoranthene
Concen: 4.20 ng/ul
RT: 24.05 min Scan# 3610
Delta R.T. -0.00 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

Tgt Ion:252	Resp:	85236
Ion Ratio	Lower	Upper
252	100	
253	22.6	17.1 25.7
125	5.3	4.2 6.4

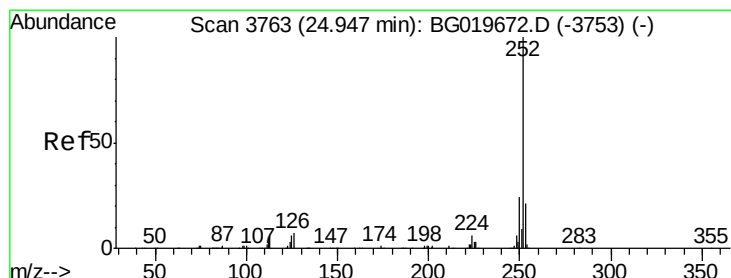
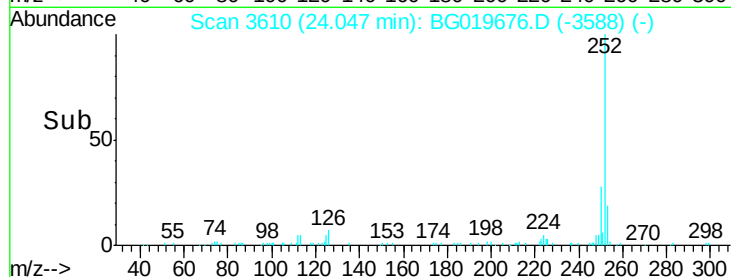
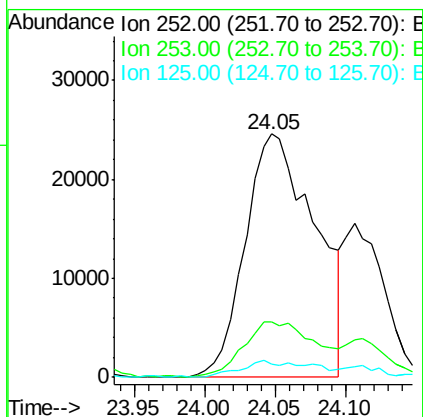
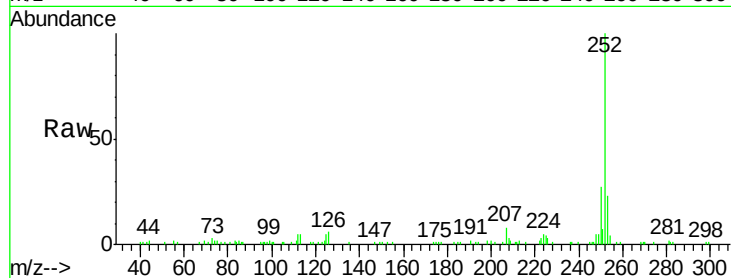




#89
Benzo(k)fluoranthene
Concen: 4.35 ng/ul
RT: 24.05 min Scan# 3610
Delta R.T. -0.07 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

Instrument :
BNA_G
ClientSampleId :
BC795

Tot Ion:252 Resp: 85236
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 5.3 4.4 6.6



#91
Benzo(a)pyrene
Concen: 3.53 ng/ul
RT: 24.95 min Scan# 3763
Delta R.T. -0.00 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

Tgt Ion:252 Resp: 69068
Ion Ratio Lower Upper
252 100
253 23.2 16.9 25.3
125 5.0 5.4 8.0#

