

Data Path : Z:\HPCHEM1\BNA G\DATA\BG103017\
 Data File : BG030589.D
 Acq On : 30 Oct 2017 21:54
 Operator : SJ/JU
 Sample : I5842-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 05:57:22 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 05:54:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	76061	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	387359	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	247910	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	553370	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	586768	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	591053	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	7968	4.26	ng/uL	0.00
5) Phenol-d5	7.31	99	170740	23.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	93213	20.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	132232	25.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	150308	25.49	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	66162	23.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	82784	29.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	158995	24.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	57779	7.66	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	479492	22.62	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	622078	24.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	73287	18.73	ng/ul	0.00
57) Fluorene-d10	15.76	176	439634	25.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	75849	28.08	ng/ul	0.00
70) Anthracene-d10	17.61	188	618662	23.64	ng/ul	0.00
76) Pyrene-d10	19.89	212	712751	23.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	682252	24.37	ng/ul	0.00

Target Compounds

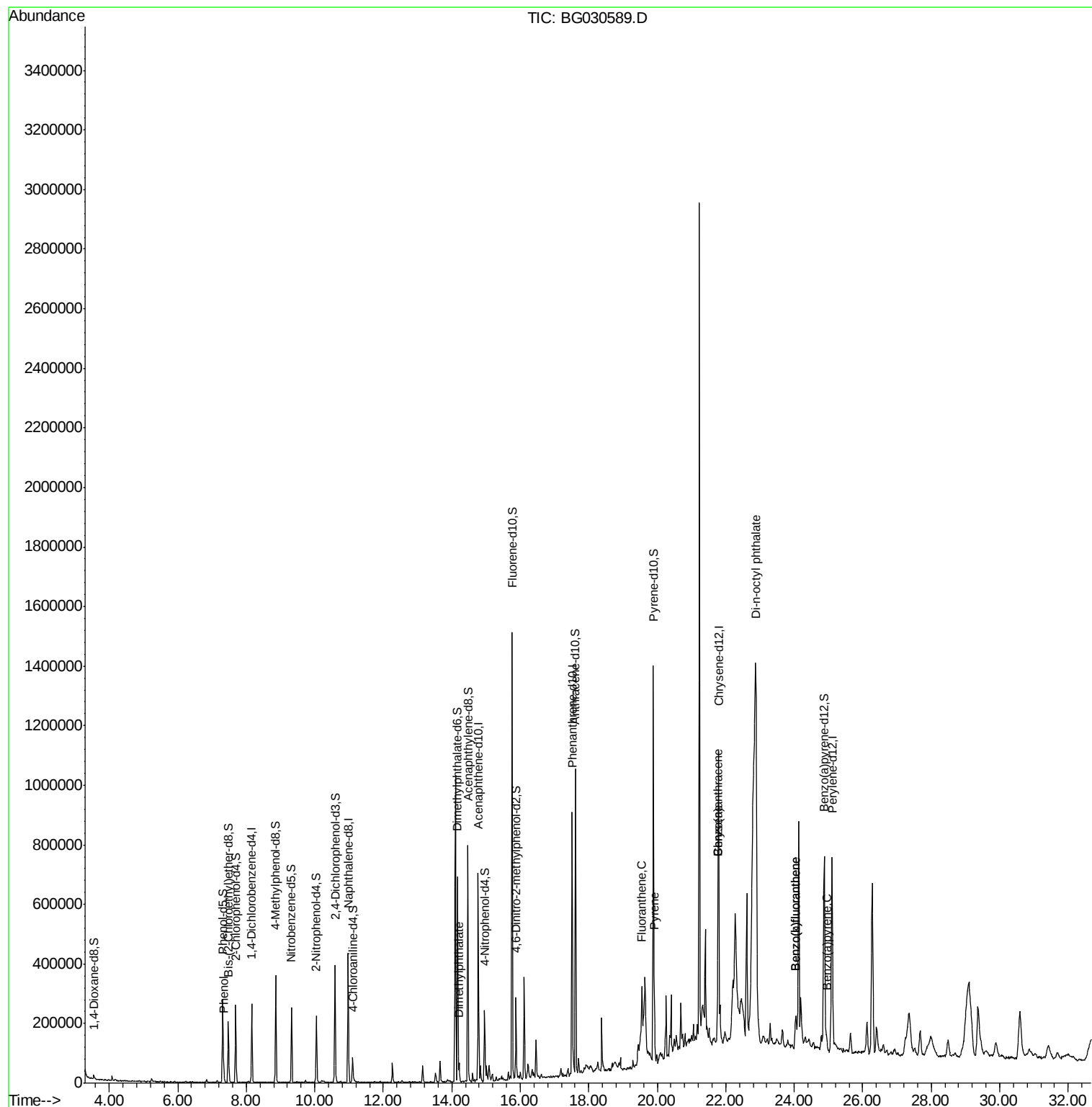
						Ovalue
6) Phenol	7.34	94	29052	3.85	ng/ul	94
44) Dimethylphthalate	14.22	163	39086	1.89	ng/ul	98
74) Fluoranthene	19.55	202	98578	2.95	ng/ul	99
77) Pyrene	19.92	202	161551	4.11	ng/ul	99
80) Benzo(a)anthracene	21.77	228	84652	2.30	ng/ul	97
82) Chrysene	21.77	228	84652	2.53	ng/ul	95
84) Di-n-octyl phthalate	22.88	149	112345	2.84	ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	148226	4.18	ng/ul	96
86) Benzo(k)fluoranthene	24.05	252	148226	4.32	ng/ul	97
88) Benzo(a)pyrene	24.95	252	64362	1.86	ng/ul	97

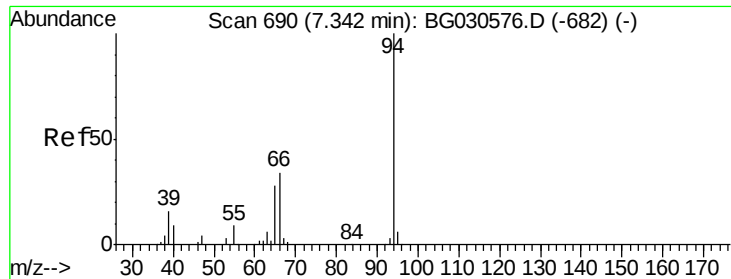
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.85 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG030589.D

Acq: 30 Oct 2017 21:54

Instrument :

BNA_G

ClientSampleId :

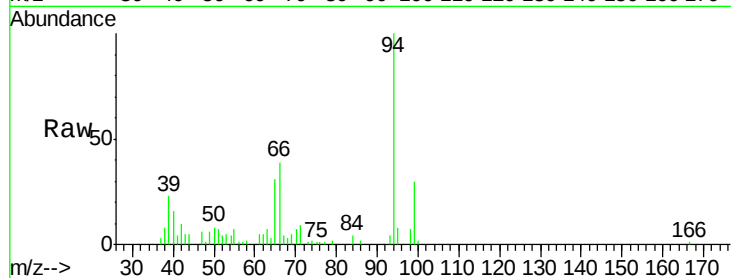
Tot Ion: 94 Resp: 29052

Ion Ratio Lower Upper

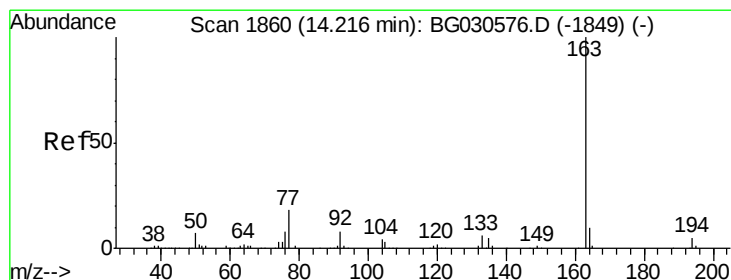
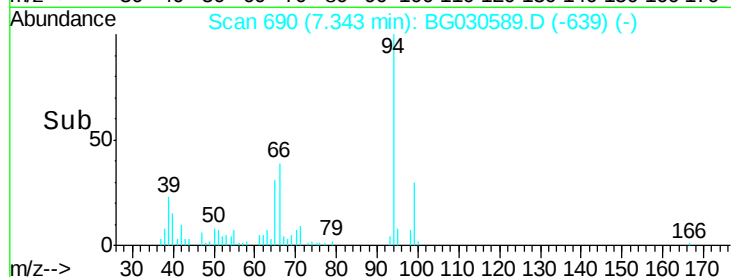
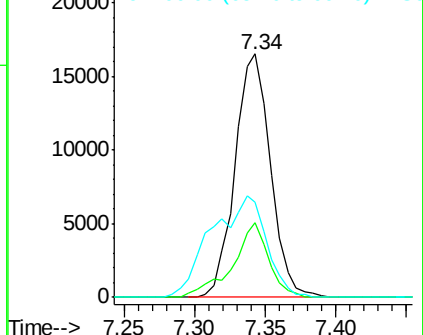
94 100

65 30.7 27.1 40.7

66 38.9 34.6 52.0



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



#44

Dimethylphthalate

Concen: 1.89 ng/ul

RT: 14.22 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG030589.D

Acq: 30 Oct 2017 21:54

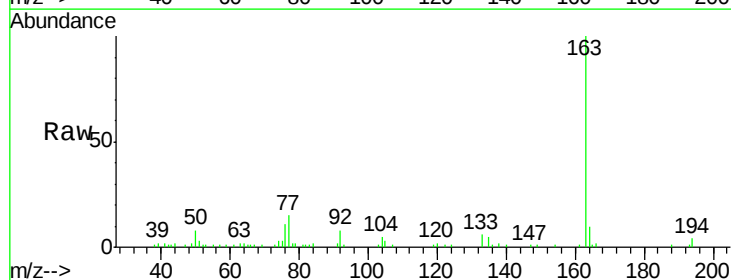
Tgt Ion: 163 Resp: 39086

Ion Ratio Lower Upper

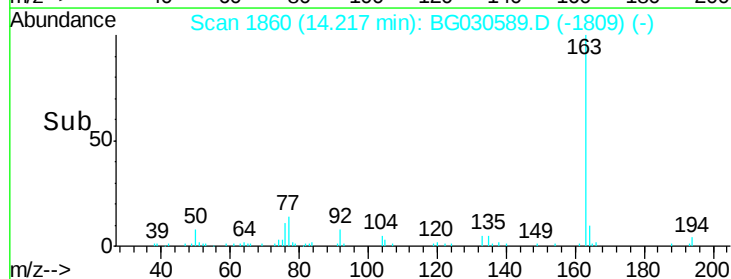
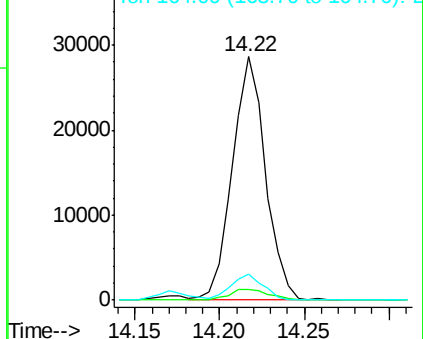
163 100

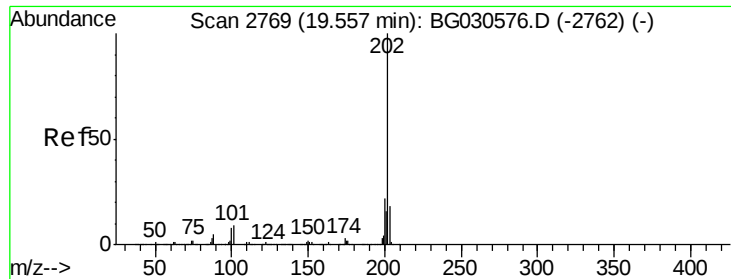
194 4.5 3.5 5.3

164 10.5 7.6 11.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

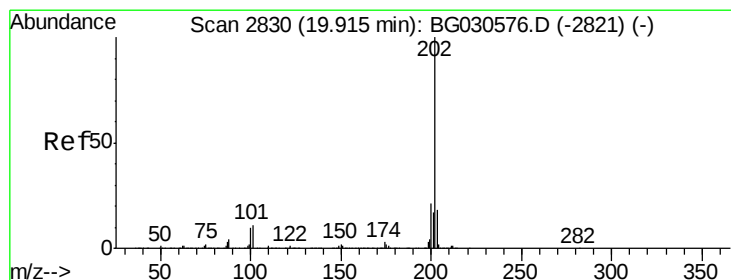
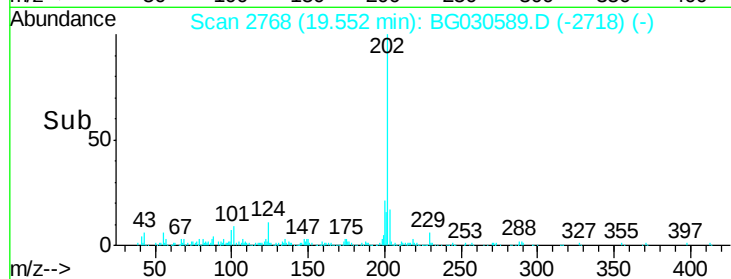
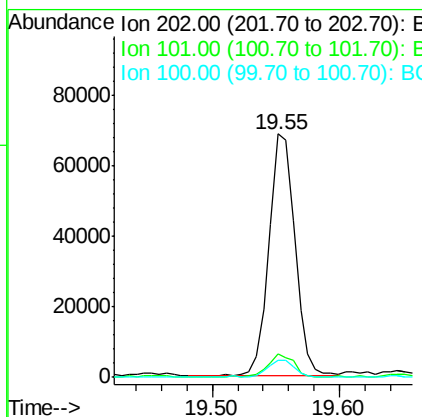
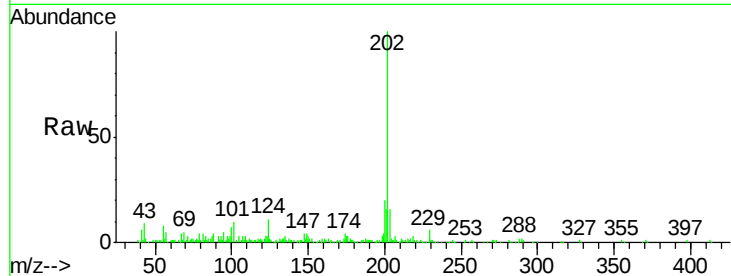




#74
 Fluoranthene
 Concen: 2.95 ng/ul
 RT: 19.55 min Scan# 2768
 Delta R.T. -0.00 min
 Lab File: BG030589.D
 Acq: 30 Oct 2017 21:54

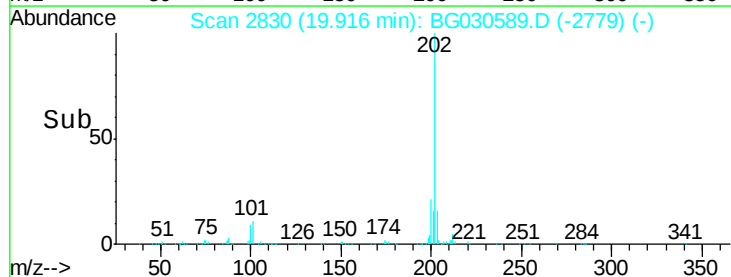
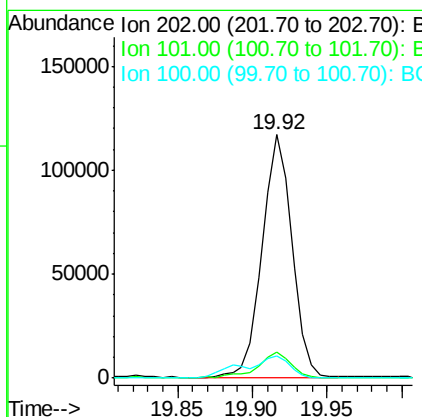
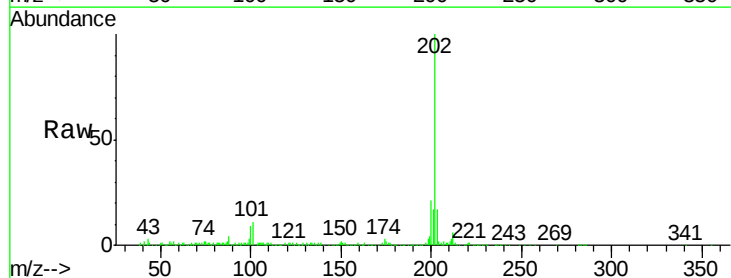
Instrument :
 BNA_G
 ClientSampleId :

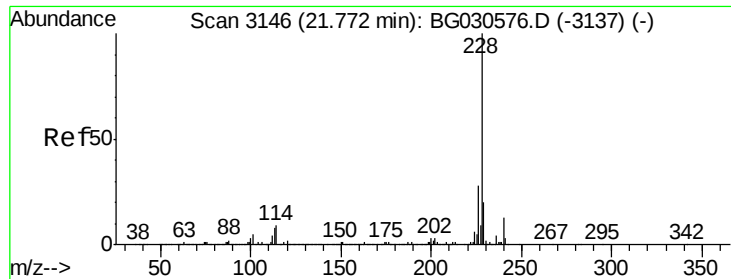
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.4	11.2
100	7.2	5.6	8.4



#77
 Pyrene
 Concen: 4.11 ng/ul
 RT: 19.92 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BG030589.D
 Acq: 30 Oct 2017 21:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.4	12.6
100	9.0	7.0	10.6

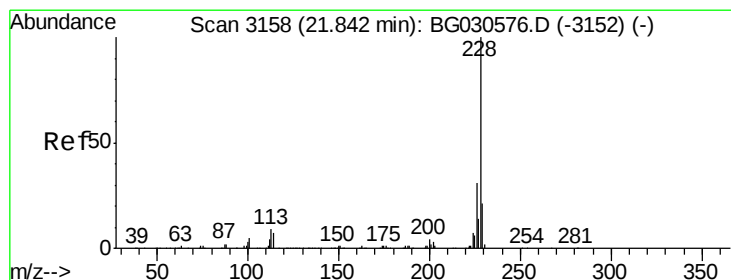
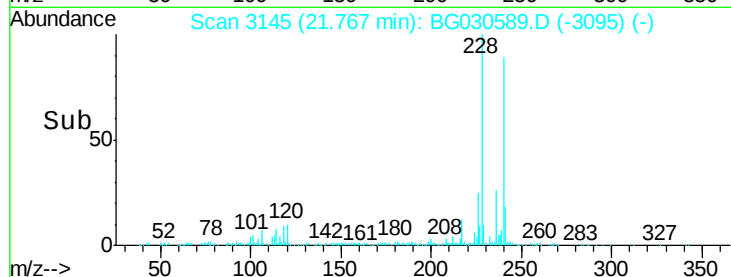
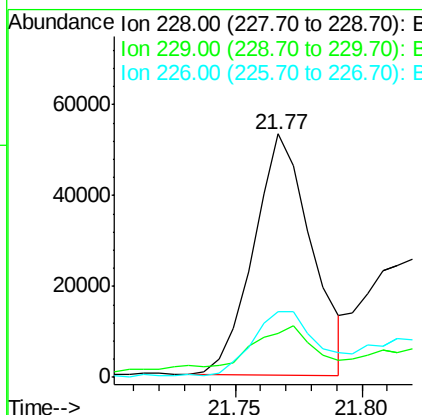
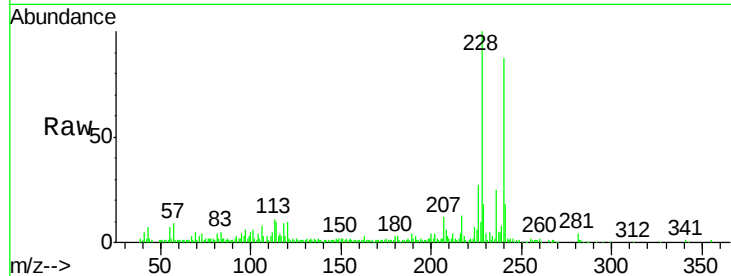




#80
Benzo(a)anthracene
Concen: 2.30 ng/ul
RT: 21.77 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG030589.D
Acq: 30 Oct 2017 21:54

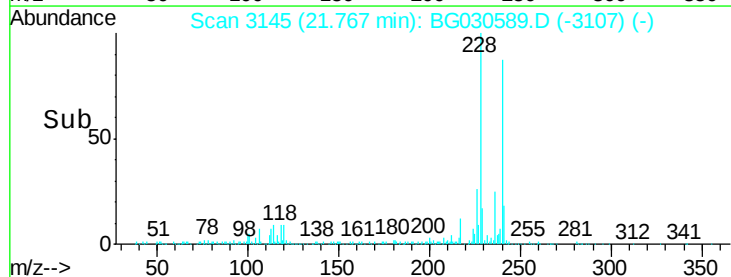
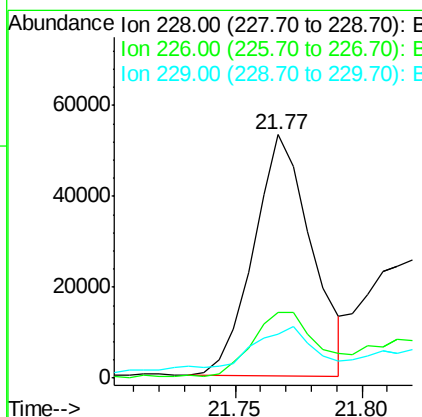
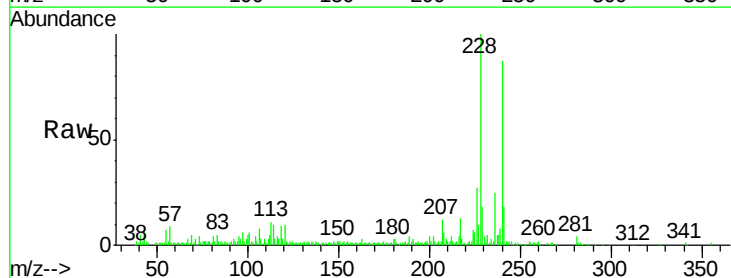
Instrument :
BNA_G
ClientSampleId :

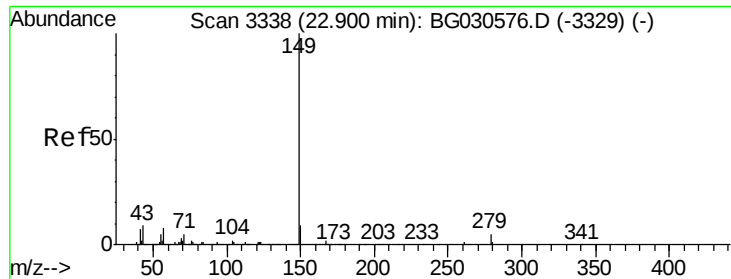
Tot Ion:228 Resp: 84652
Ion Ratio Lower Upper
228 100
229 17.9 16.2 24.4
226 27.0 22.2 33.2



#82
Chrysene
Concen: 2.53 ng/ul
RT: 21.77 min Scan# 3145
Delta R.T. -0.08 min
Lab File: BG030589.D
Acq: 30 Oct 2017 21:54

Tgt Ion:228 Resp: 84652
Ion Ratio Lower Upper
228 100
226 27.0 24.2 36.2
229 17.9 15.2 22.8





#84

Di-n-octyl phthalate

Concen: 2.84 ng/ul

RT: 22.88 min Scan# 3334

Delta R.T. -0.02 min

Lab File: BG030589.D

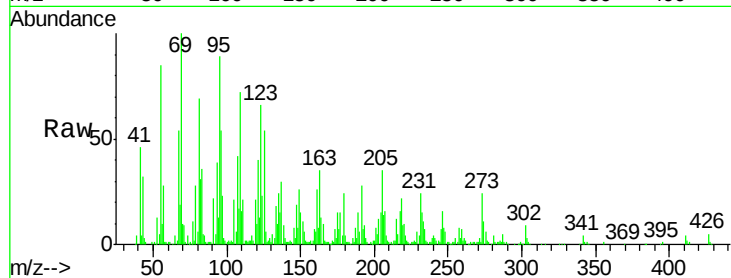
Acq: 30 Oct 2017 21:54

Instrument :

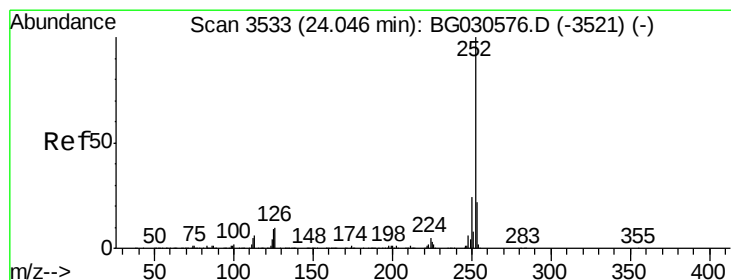
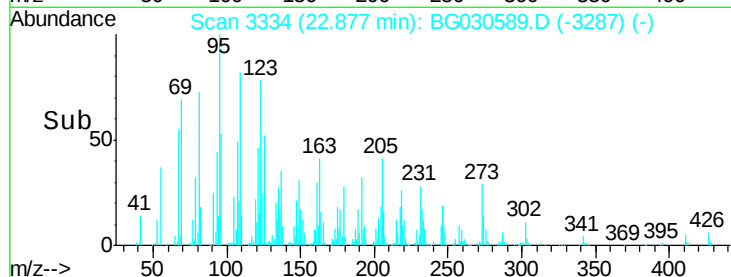
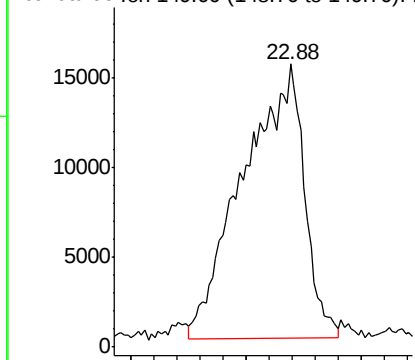
BNA_G

ClientSampleId :

Tgt Ion:149 Resp: 112345



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 4.18 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG030589.D

Acq: 30 Oct 2017 21:54

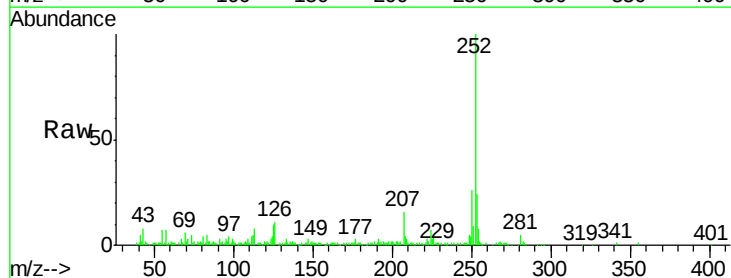
Tgt Ion:252 Resp: 148226

Ion Ratio Lower Upper

252 100

253 23.5 17.0 25.4

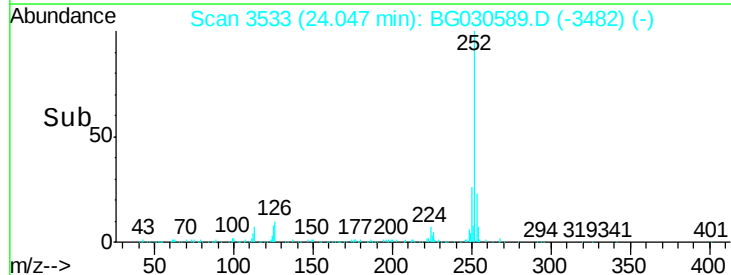
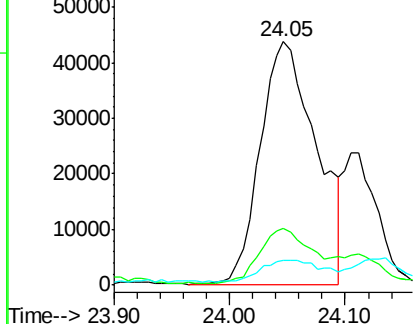
125 10.0 7.5 11.3

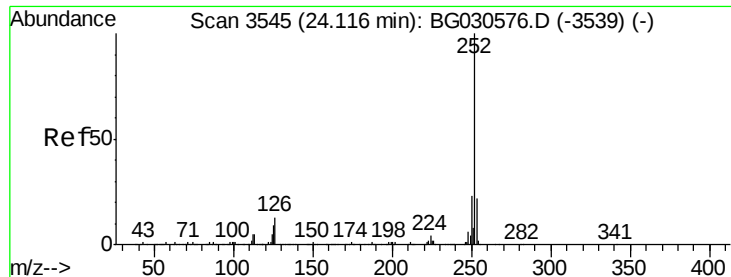


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

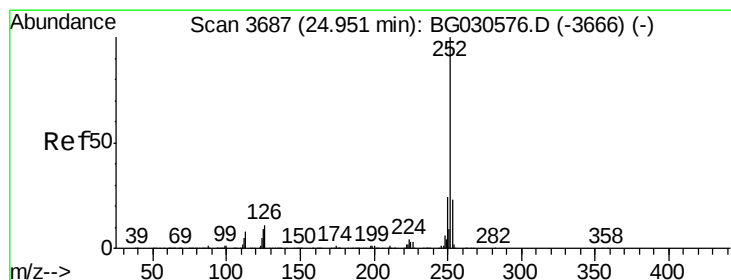
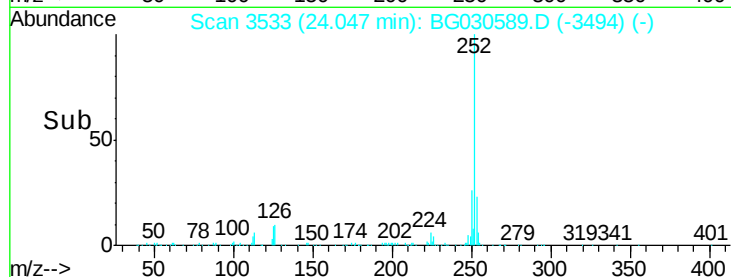
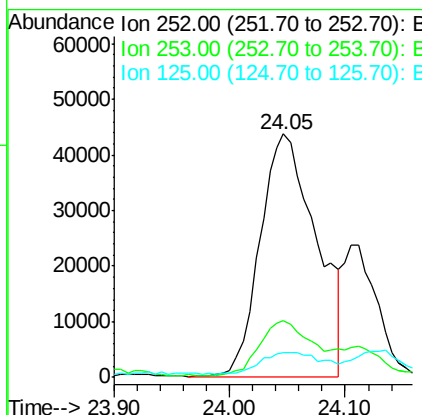
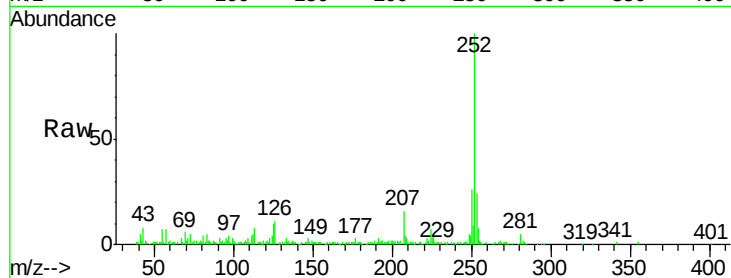




#86
Benzo(k)fluoranthene
Concen: 4.32 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. -0.07 min
Lab File: BG030589.D
Acq: 30 Oct 2017 21:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 148226
Ion Ratio Lower Upper
252 100
253 23.5 17.2 25.8
125 10.0 7.8 11.8



#88
Benzo(a)pyrene
Concen: 1.86 ng/ul
RT: 24.95 min Scan# 3686
Delta R.T. -0.00 min
Lab File: BG030589.D
Acq: 30 Oct 2017 21:54

Tgt Ion:252 Resp: 64362
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 10.6 7.8 11.8

