

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
 Data File : BG030608.D
 Acq On : 31 Oct 2017 11:14
 Operator : SJ/JU
 Sample : I5886-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESNE2

Quant Time: Oct 31 14:43:39 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 07:15:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	70232	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	362052	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	231581	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	504213	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	530262	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	539056	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	5837	3.38	ng/uL	0.00
5) Phenol-d5	7.31	99	130218	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	74018	17.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	105599	22.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	103808	19.07	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	54601	21.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	67477	25.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	124554	20.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	112529	15.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	385920	19.49	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	487291	20.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	46617	12.75	ng/ul	0.00
57) Fluorene-d10	15.76	176	347100	21.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	51343	20.86	ng/ul	0.00
70) Anthracene-d10	17.61	188	479630	20.11	ng/ul	0.00
76) Pyrene-d10	19.89	212	540386	19.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	495497	19.41	ng/ul	0.00

Target Compounds

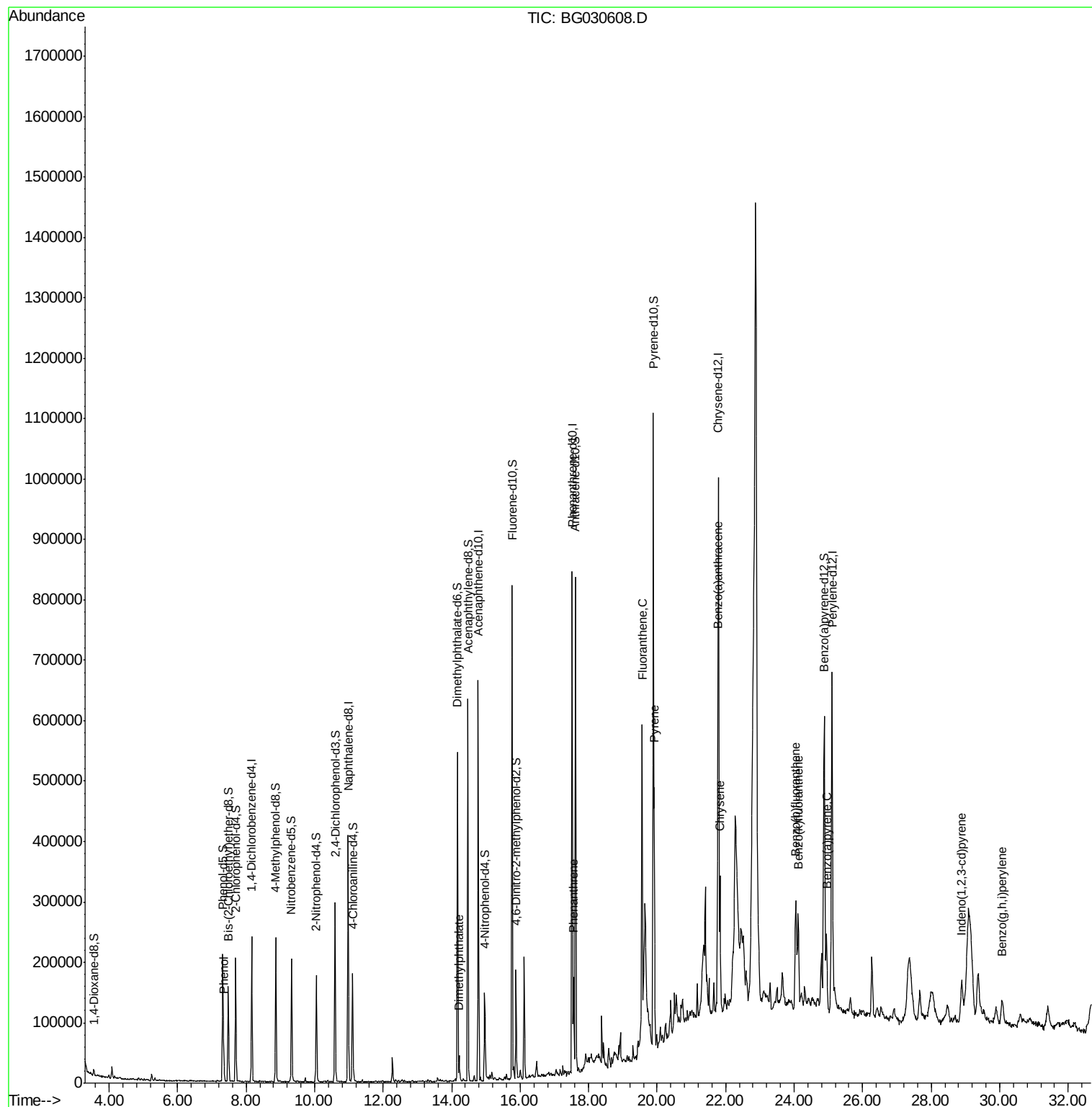
					Qvalue
6) Phenol	7.34	94	22297	3.197 ng/ul	91
44) Dimethylphthalate	14.22	163	26686	1.382 ng/ul#	95
69) Phenanthrene	17.56	178	103872	3.811 ng/ul	99
74) Fluoranthene	19.56	202	319156	10.477 ng/ul	99
77) Pyrene	19.92	202	256879	7.228 ng/ul	98
80) Benzo(a)anthracene	21.77	228	148494	4.468 ng/ul	98
82) Chrysene	21.84	228	166768	5.523 ng/ul	97
85) Benzo(b)fluoranthene	24.05	252	234088	7.234 ng/ul	96
86) Benzo(k)fluoranthene	24.11	252	74690	2.387 ng/ul	97
88) Benzo(a)pyrene	24.95	252	144639	4.592 ng/ul	100
89) Indeno(1,2,3-cd)pyrene	28.89	276	115540	3.242 ng/ul	98
91) Benzo(g,h,i)perylene	30.08	276	93400	3.162 ng/ul	95

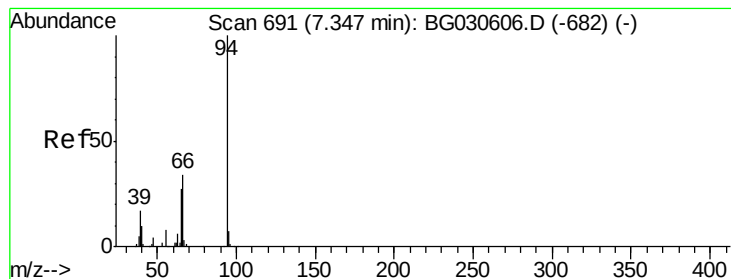
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 31 07:15:18 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.197 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

Instrument :

BNA_G

ClientSampleId :

ESNE2

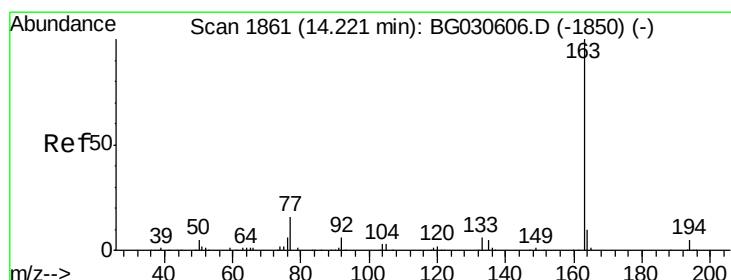
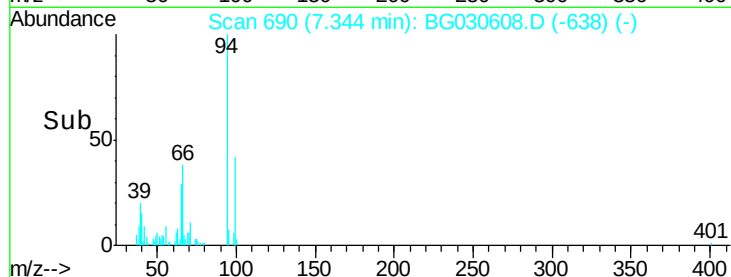
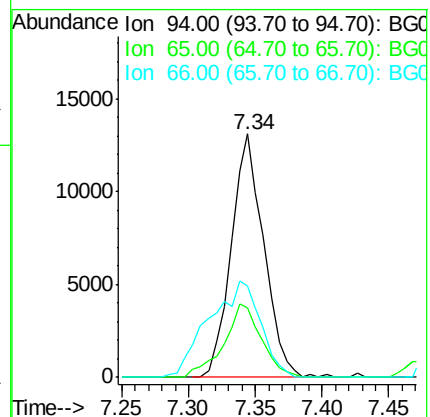
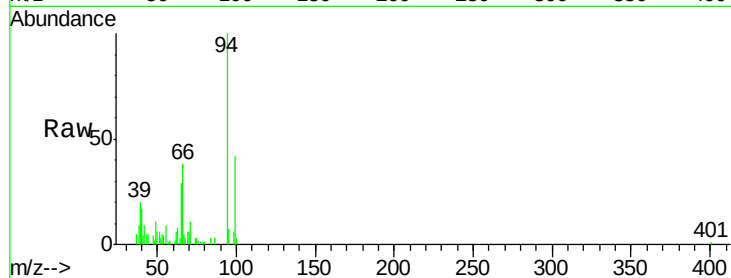
Tgt Ion: 94 Resp: 22297

Ion Ratio Lower Upper

94 100

65 28.6 27.1 40.7

66 37.6 34.6 52.0



#44

Dimethylphthalate

Concen: 1.382 ng/ul

RT: 14.22 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

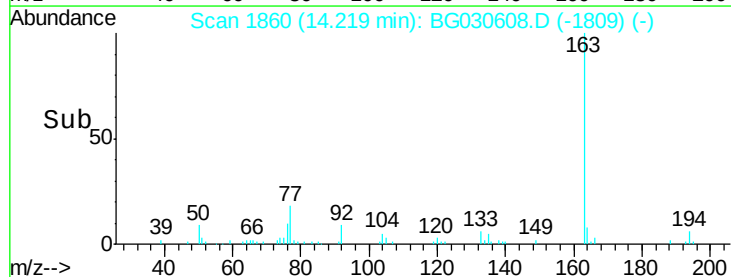
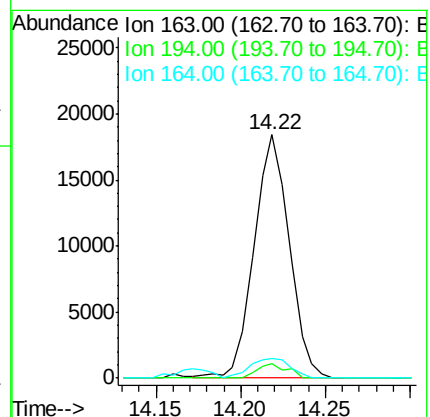
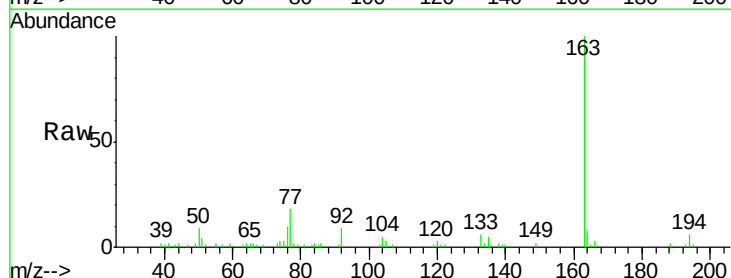
Tgt Ion: 163 Resp: 26686

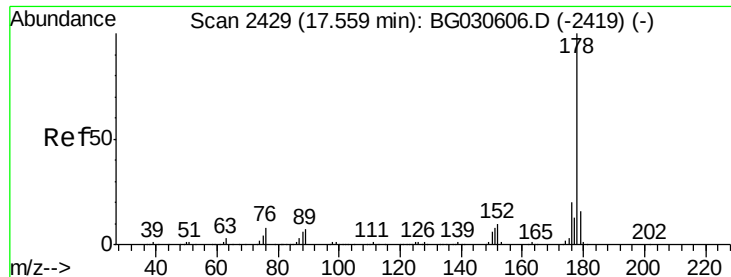
Ion Ratio Lower Upper

163 100

194 6.2 3.5 5.3#

164 8.0 7.6 11.4





#69

Phenanthrene

Concen: 3.811 ng/ul

RT: 17.56 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

Instrument :

BNA_G

ClientSampleId :

ESNE2

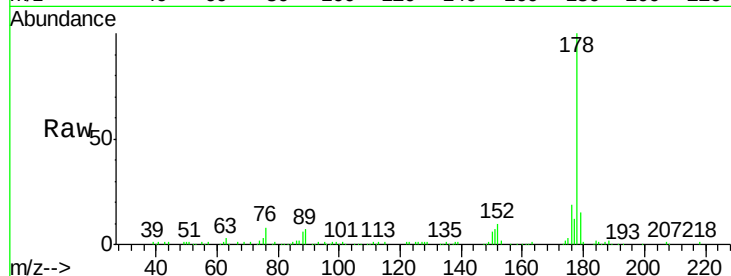
Tgt Ion:178 Resp: 103872

Ion Ratio Lower Upper

178 100

179 15.1 13.0 19.6

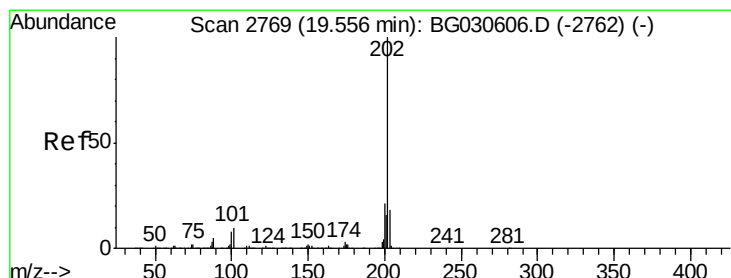
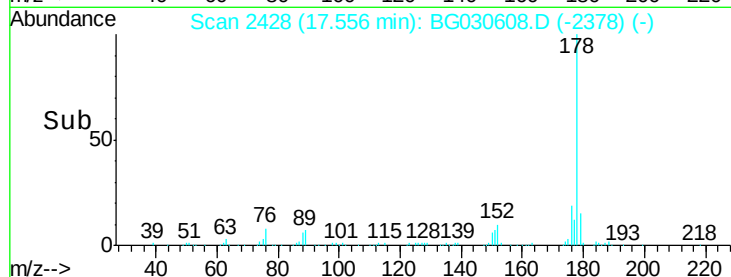
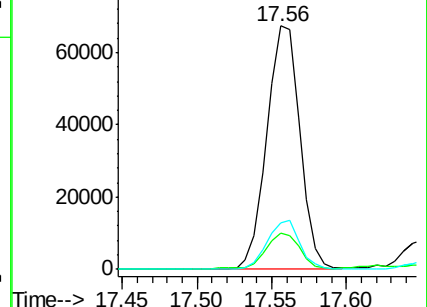
176 19.0 15.3 22.9



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



#74

Fluoranthene

Concen: 10.477 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

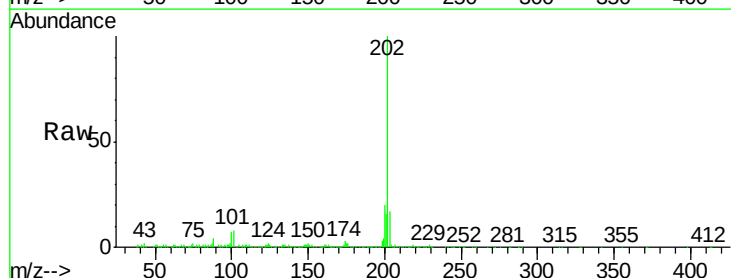
Tgt Ion:202 Resp: 319156

Ion Ratio Lower Upper

202 100

101 8.5 7.4 11.2

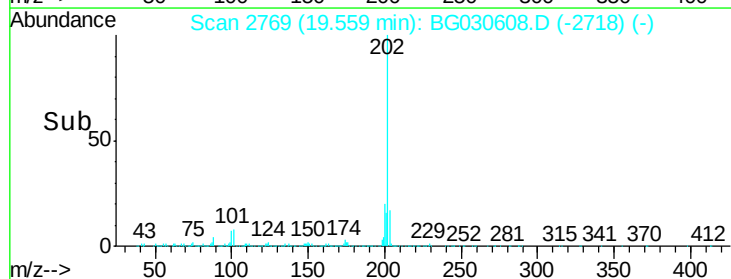
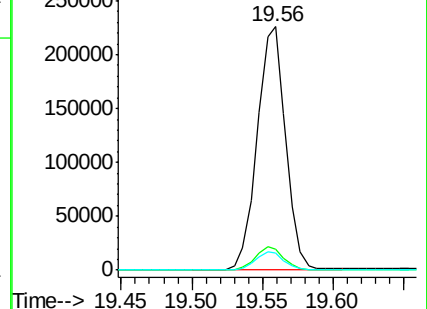
100 6.8 5.6 8.4

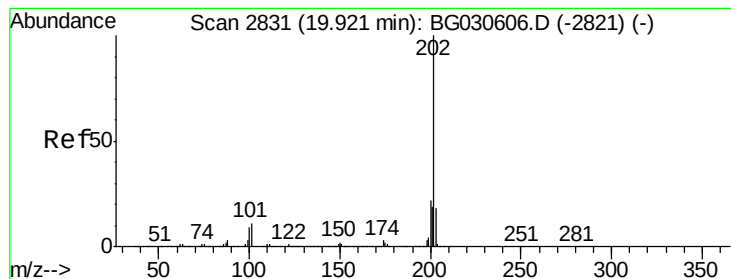


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pyrene

Concen: 7.228 ng/ul

RT: 19.92 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

Instrument :

BNA_G

ClientSampleId :

ESNE2

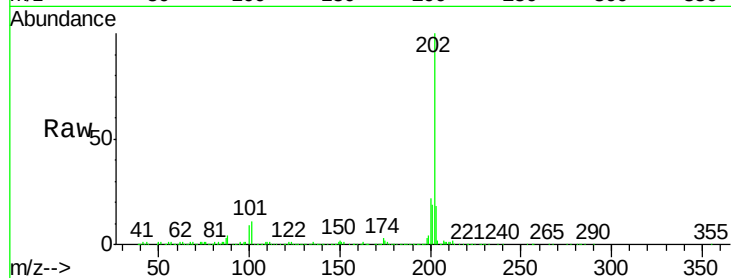
Tgt Ion:202 Resp: 256879

Ion Ratio Lower Upper

202 100

101 11.3 8.4 12.6

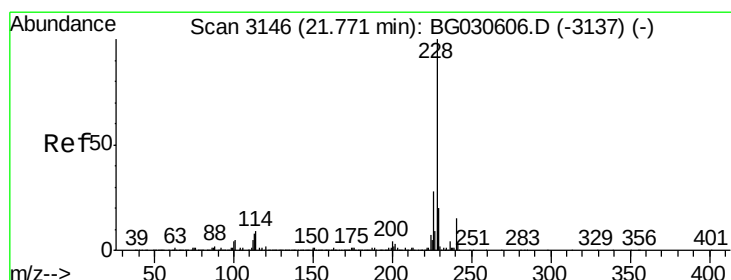
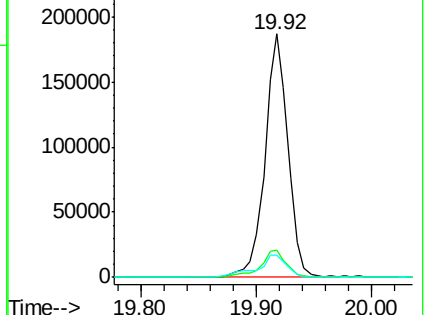
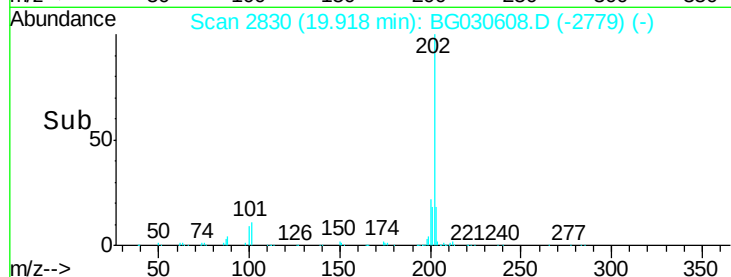
100 9.3 7.0 10.6



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



#80

Benzo(a)anthracene

Concen: 4.468 ng/ul

RT: 21.77 min Scan# 3145

Delta R.T. 0.00 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

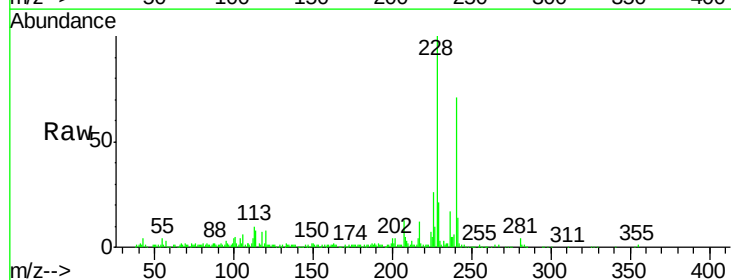
Tgt Ion:228 Resp: 148494

Ion Ratio Lower Upper

228 100

229 21.0 16.2 24.4

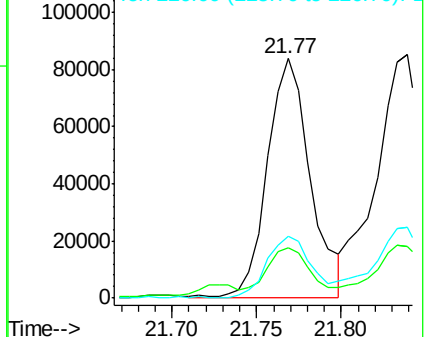
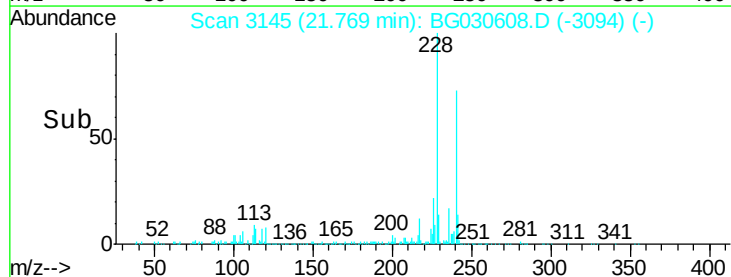
226 26.1 22.2 33.2

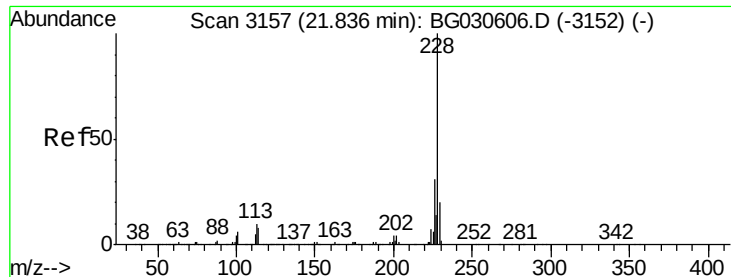


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 5.523 ng/ul

RT: 21.84 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

Instrument :

BNA_G

ClientSampleId :

ESNE2

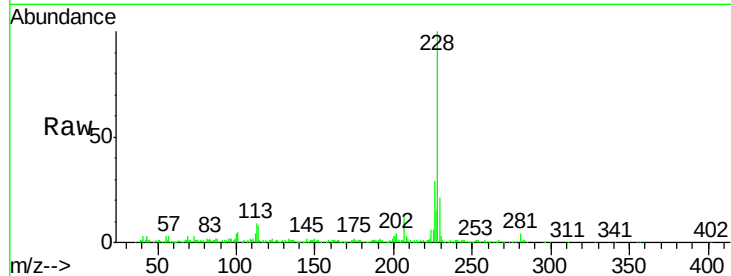
Tgt Ion:228 Resp: 166768

Ion Ratio Lower Upper

228 100

226 29.1 24.2 36.2

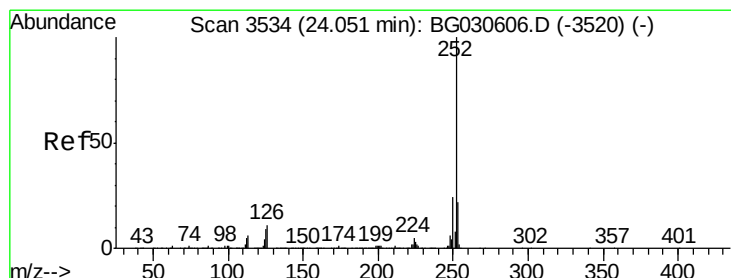
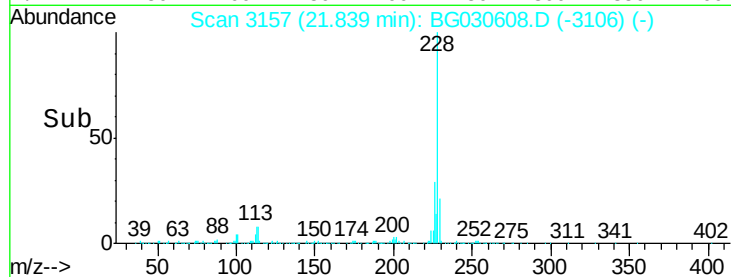
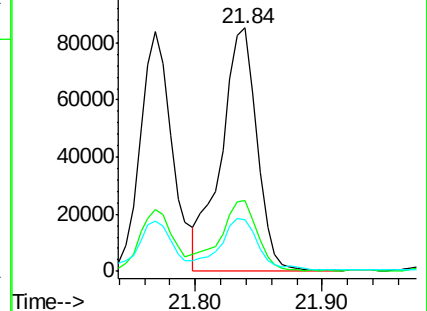
229 21.2 15.2 22.8



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: 7.234 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

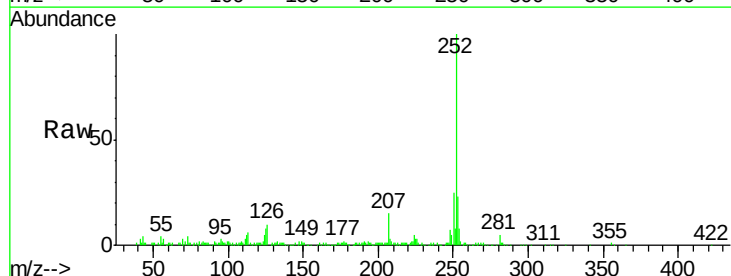
Tgt Ion:252 Resp: 234088

Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.4

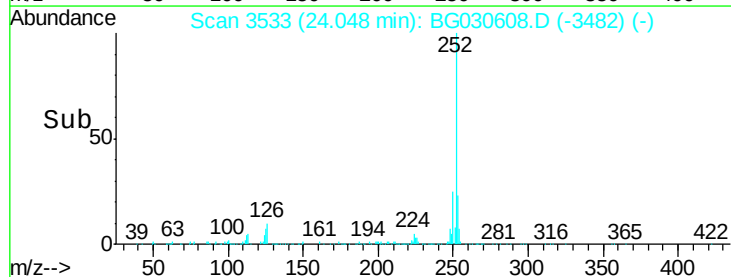
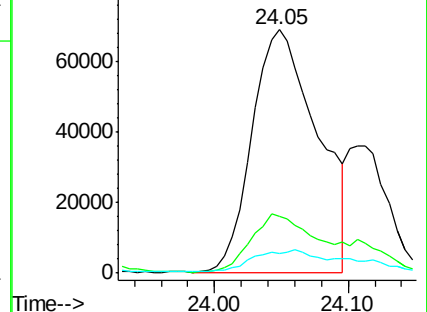
125 8.2 7.5 11.3

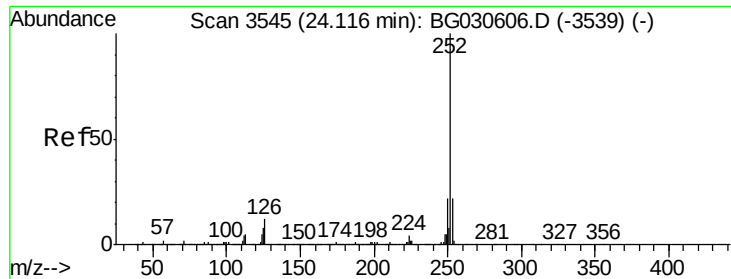


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

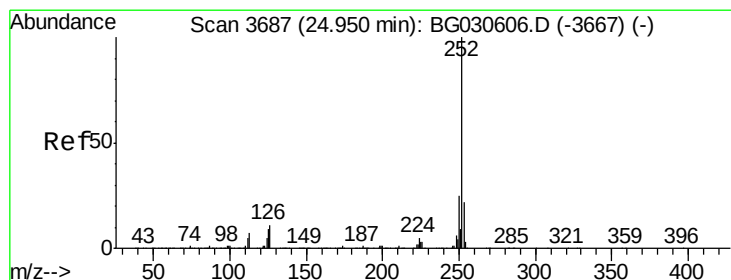
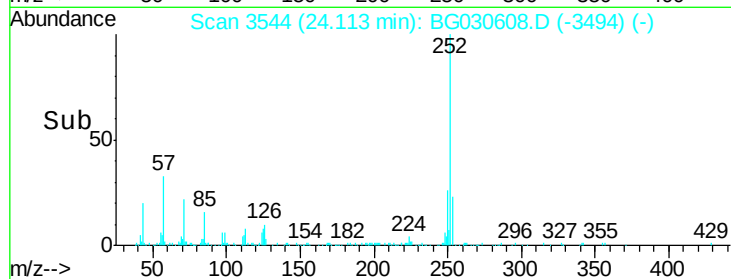
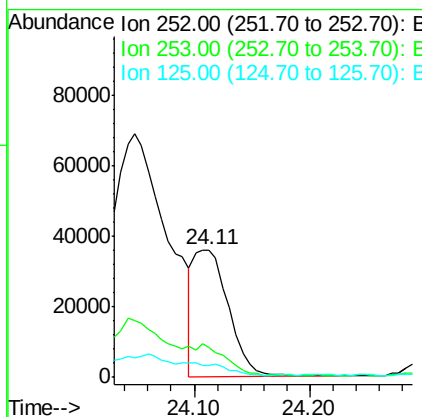
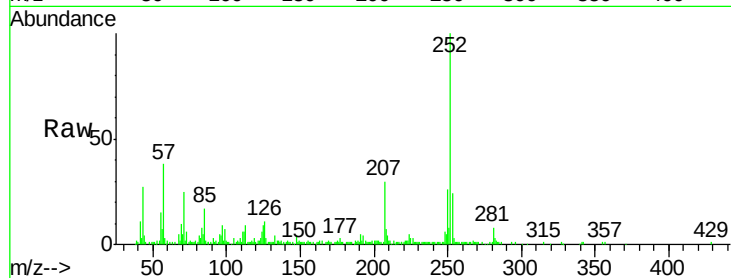




#86
Benzo(k)fluoranthene
Concen: 2.387 ng/ul
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG030608.D
Acq: 31 Oct 2017 11:14

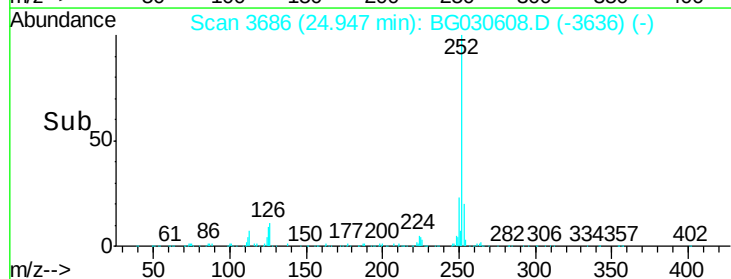
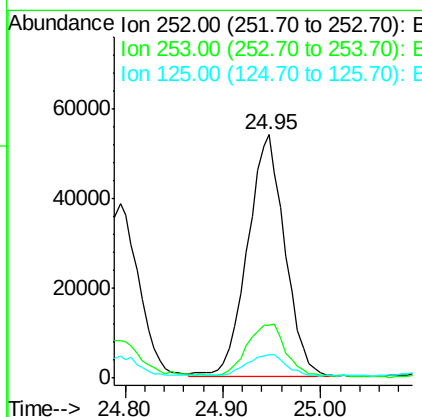
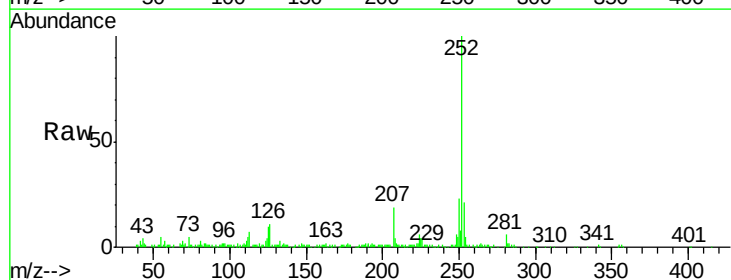
Instrument :
BNA_G
ClientSampleId :
ESNE2

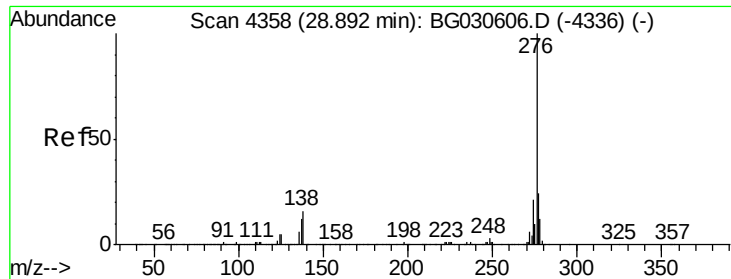
Tgt Ion:252 Resp: 74690
Ion Ratio Lower Upper
252 100
253 23.5 17.2 25.8
125 9.4 7.8 11.8



#88
Benzo(a)pyrene
Concen: 4.592 ng/ul
RT: 24.95 min Scan# 3686
Delta R.T. -0.00 min
Lab File: BG030608.D
Acq: 31 Oct 2017 11:14

Tgt Ion:252 Resp: 144639
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 9.7 7.8 11.8



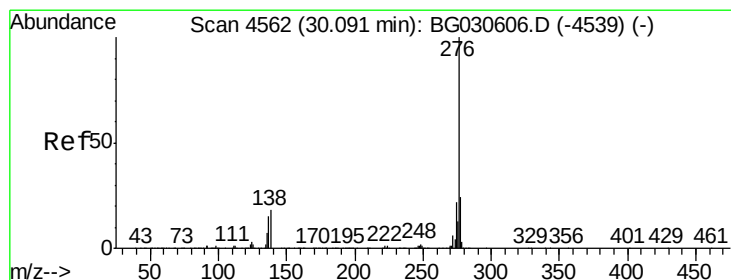
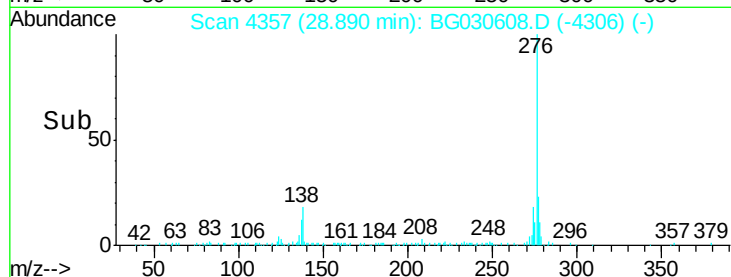
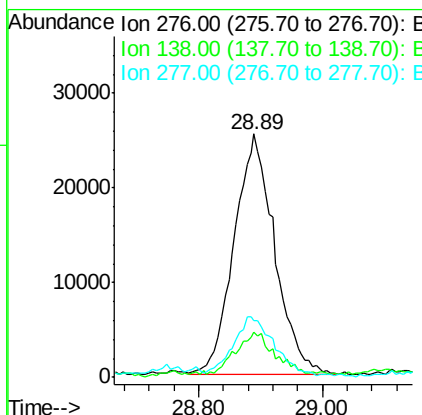
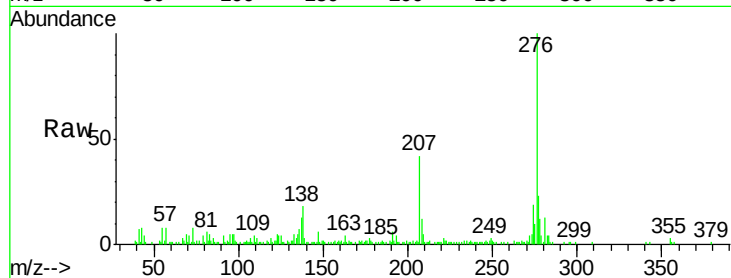


#89

Indeno(1,2,3-cd)pyrene
Concen: 3.242 ng/ul
RT: 28.89 min Scan# 4357
Delta R.T. 0.00 min
Lab File: BG030608.D
Acq: 31 Oct 2017 11:14

Instrument :
BNA_G
ClientSampleId :
ESNE2

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	13.4	20.0
277	23.2	18.6	28.0



#91

Benzo(g,h,i)perylene
Concen: 3.162 ng/ul
RT: 30.08 min Scan# 4559
Delta R.T. -0.00 min
Lab File: BG030608.D
Acq: 31 Oct 2017 11:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	12.1	18.1
277	25.6	17.7	26.5

