

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028533.D
 Acq On : 29 Aug 2017 00:30
 Operator : SJ/JU
 Sample : I4905-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B12

Quant Time: Aug 29 04:00:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 03:57:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	47005	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	187068	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	116168	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	558463	20.00	ng/ul	0.10
75) Chrysene-d12	22.03	240	329863	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	328797	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	5669	5.62	ng/uL	0.00
5) Phenol-d5	7.49	99	150649	29.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	94906	29.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	111508	34.24	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	121674	28.20	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	87	0.06	ng/ul	0.17
22) 2-Nitrophenol-d4	10.23	143	68308	42.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	130706	39.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	112673	30.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	401162	38.83	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	472933	40.60	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	55185	33.59	ng/ul	0.00
57) Fluorene-d10	15.94	176	346904	37.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	428	0.12	ng/ul	0.07
70) Anthracene-d10	17.80	188	558463	20.85	ng/ul	0.00
76) Pyrene-d10	20.07	212	654043	38.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	651298	42.31	ng/ul	0.03

Target Compounds

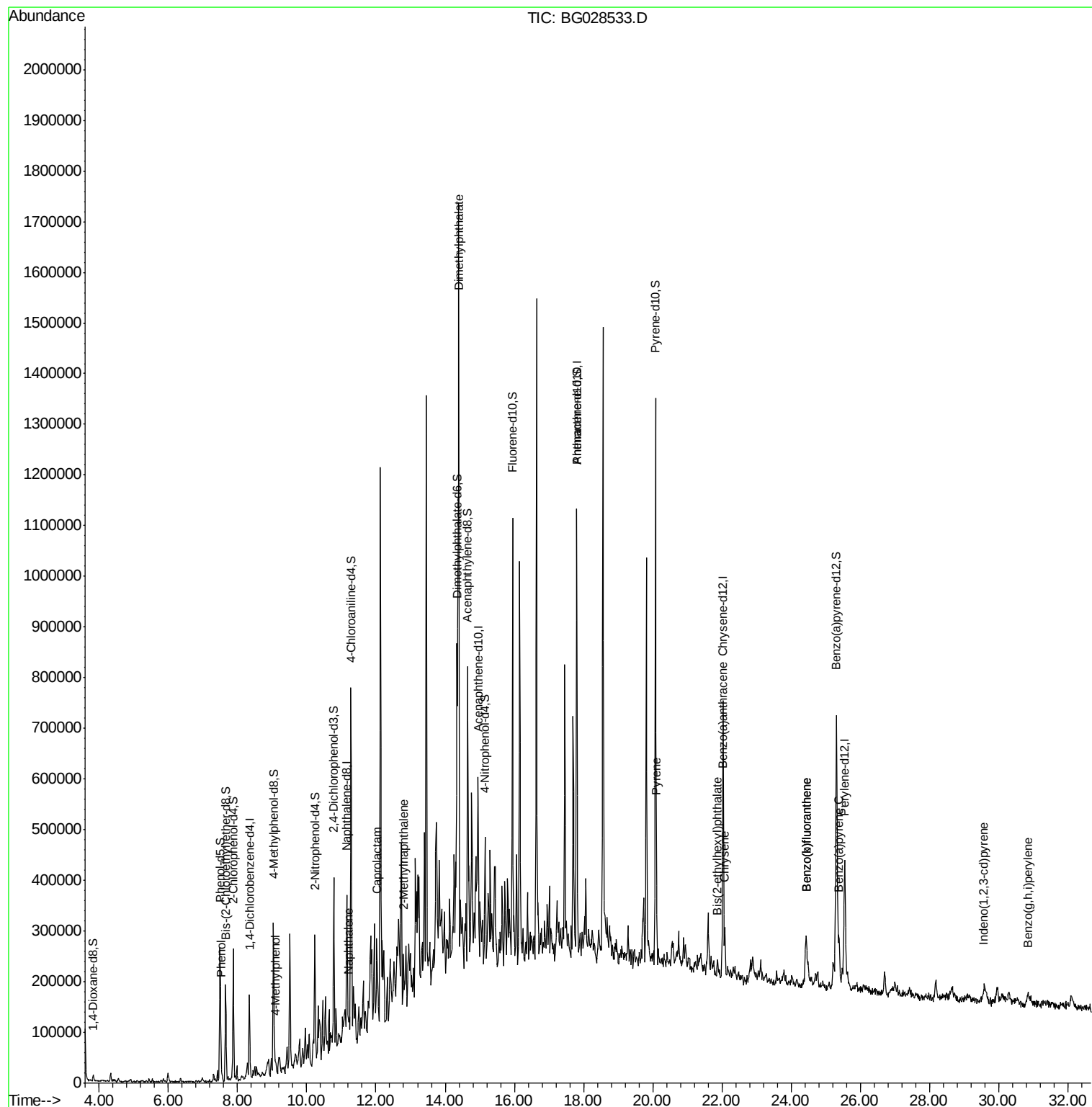
					Ovalue
6) Phenol	7.52	94	12307	2.399 ng/ul#	91
16) 4-Methylphenol	9.10	108	4840	1.184 ng/ul	92
28) Naphthalene	11.21	128	12665	1.367 ng/ul#	91
32) Caprolactam	12.02	113	3313	2.637 ng/ul#	1
34) 2-Methylnaphthalene	12.79	142	19460	2.615 ng/ul	83
44) Dimethylphthalate	14.39	163	114333	12.018 ng/ul#	95
77) Pyrene	20.10	202	99978	5.080 ng/ul	100
80) Benzo(a)anthracene	22.01	228	79509	4.172 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.87	149	12004	1.145 ng/ul#	96
82) Chrysene	22.08	228	77909	4.539 ng/ul	95
85) Benzo(b)fluoranthene	24.43	252	127942	6.503 ng/ul#	99
86) Benzo(k)fluoranthene	24.43	252	127942	6.657 ng/ul#	97
88) Benzo(a)pyrene	25.39	252	106554	5.593 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.56	276	46488	2.084 ng/ul	97
91) Benzo(g,h,i)perylene	30.85	276	50381	2.745 ng/ul	96

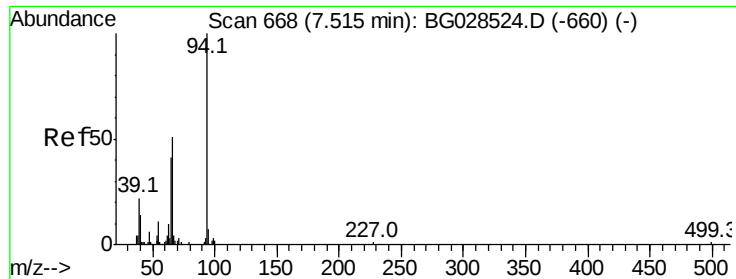
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 2.399 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG028533.D

Acq: 29 Aug 2017 00:30

Instrument :

BNA_G

ClientSampleId :

B0B12

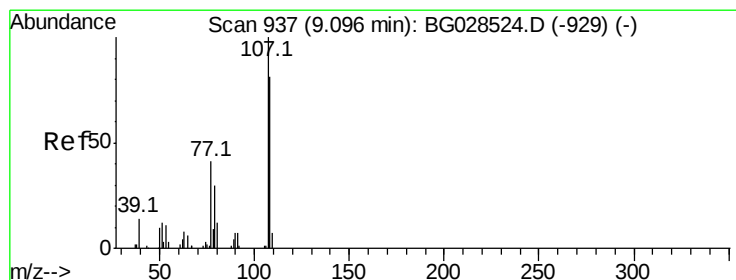
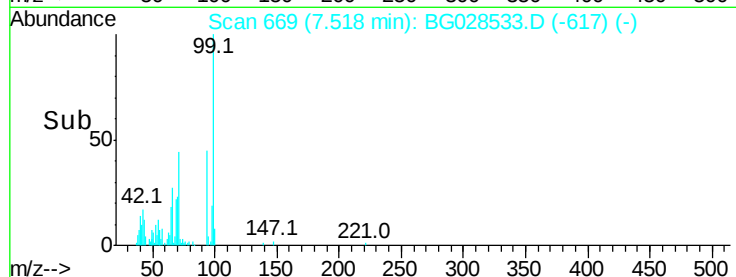
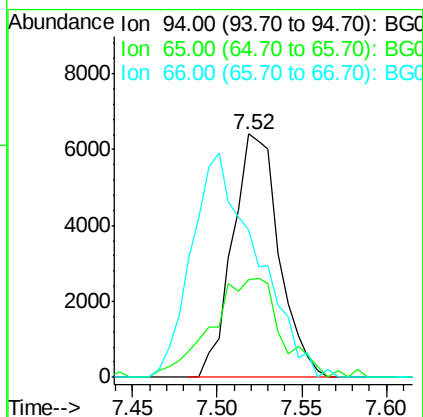
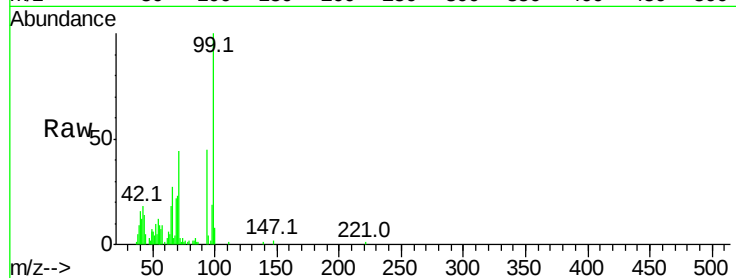
Tot Ion: 94 Resp: 12307

Ion Ratio Lower Upper

94 100

65 40.4 26.8 40.2#

66 60.7 44.4 66.6



#16

4-Methylphenol

Concen: 1.184 ng/ul

RT: 9.10 min Scan# 938

Delta R.T. 0.00 min

Lab File: BG028533.D

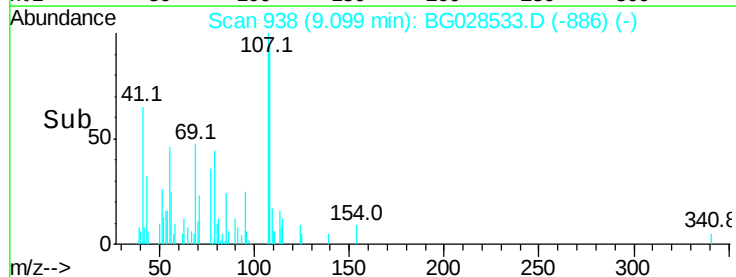
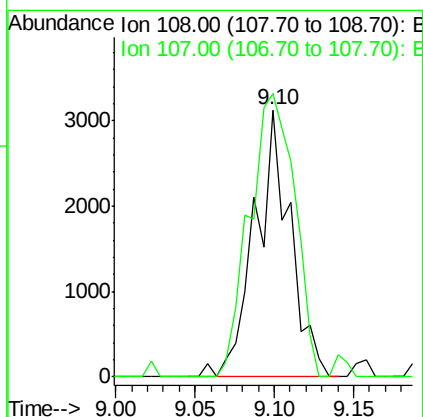
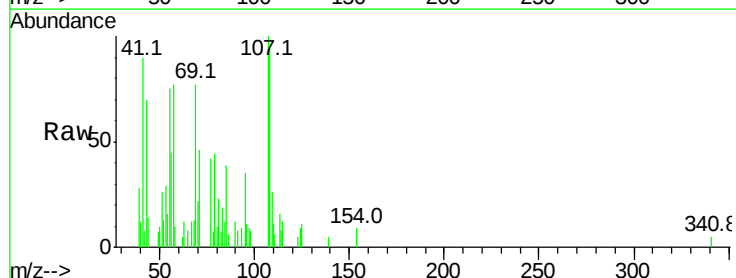
Acq: 29 Aug 2017 00:30

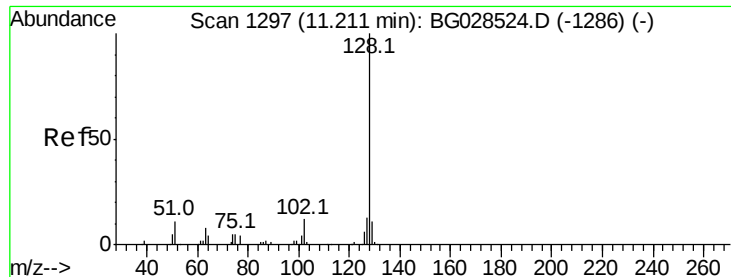
Tgt Ion:108 Resp: 4840

Ion Ratio Lower Upper

108 100

107 106.1 91.7 137.5





#28

Naphthalene

Concen: 1.367 ng/ul

RT: 11.21 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG028533.D

Acq: 29 Aug 2017 00:30

Instrument :

BNA_G

ClientSampleId :

B0B12

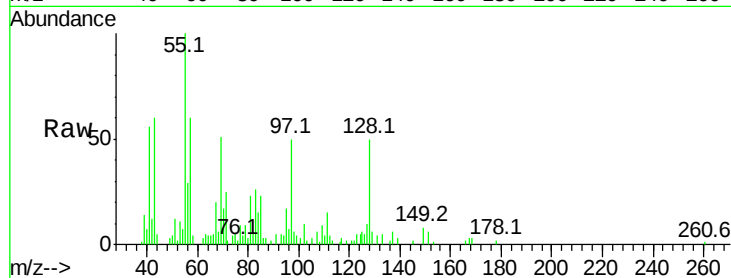
Tot Ion:128 Resp: 12665

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

127 19.4 10.3 15.5#

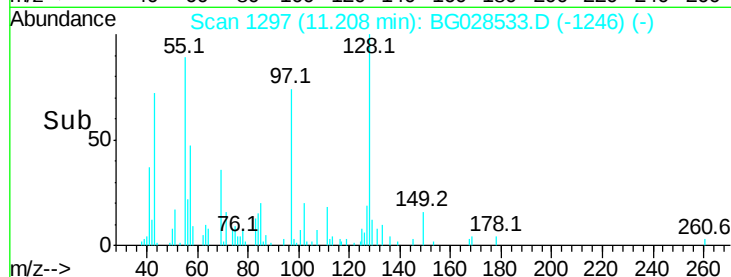


Abundance Ion 128.00 (127.70 to 128.70): E

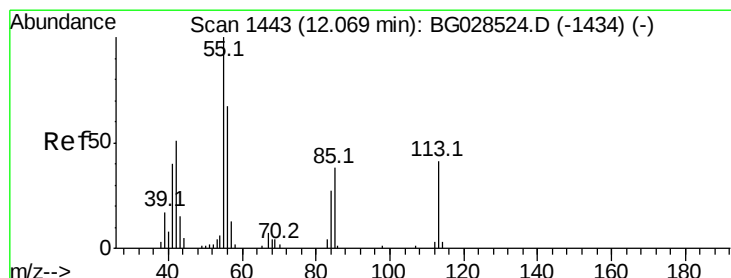
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->



Time-->



#32

Caprolactam

Concen: 2.637 ng/ul

RT: 12.02 min Scan# 1436

Delta R.T. -0.04 min

Lab File: BG028533.D

Acq: 29 Aug 2017 00:30

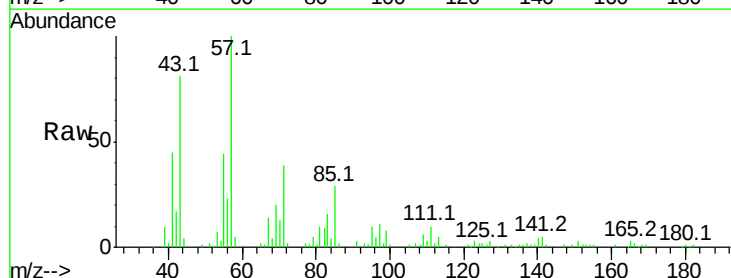
Tgt Ion:113 Resp: 3313

Ion Ratio Lower Upper

113 100

55 967.8 168.6 252.8#

56 507.9 128.5 192.7#

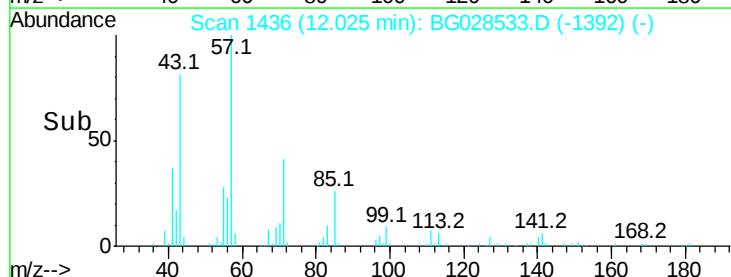


Abundance Ion 113.00 (112.70 to 113.70): E

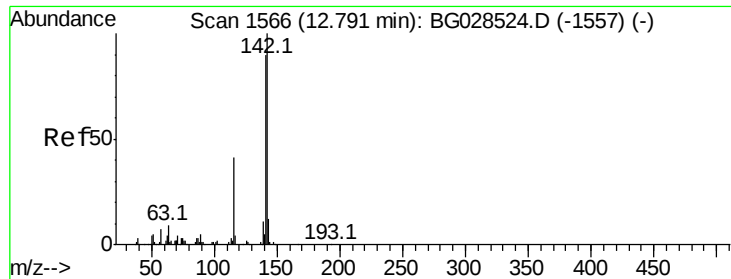
Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

Time-->



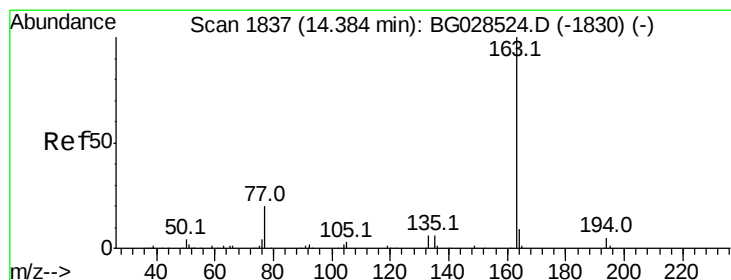
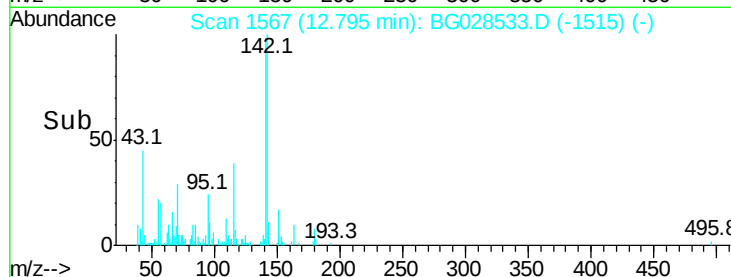
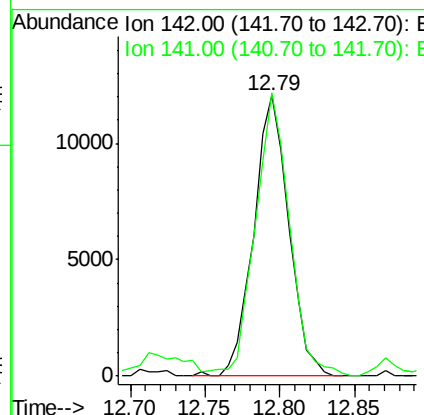
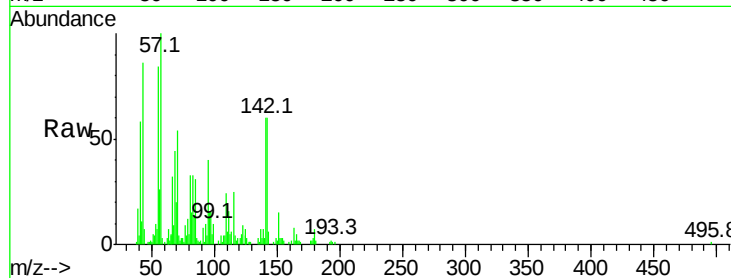
Time-->



#34
2-Methylnaphthalene
Concen: 2.615 ng/ul
RT: 12.79 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BG028533.D
Acq: 29 Aug 2017 00:30

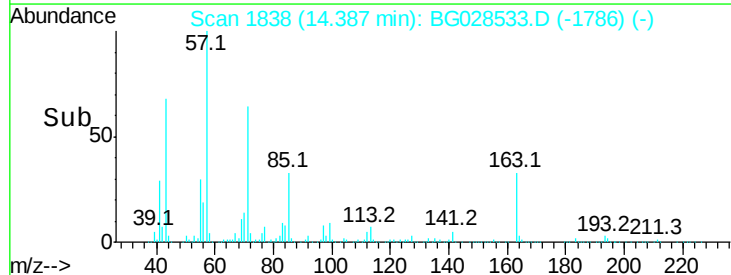
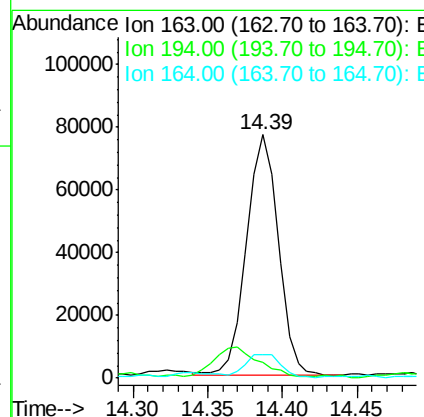
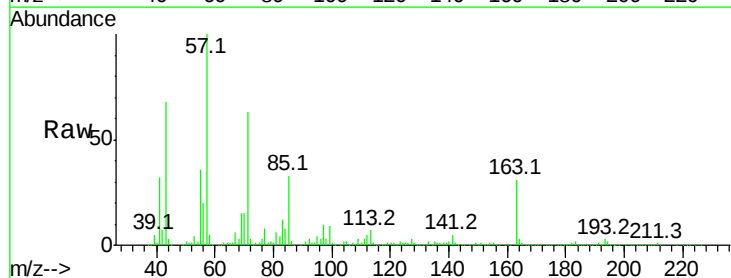
Instrument :
BNA_G
ClientSampleId :
B0B12

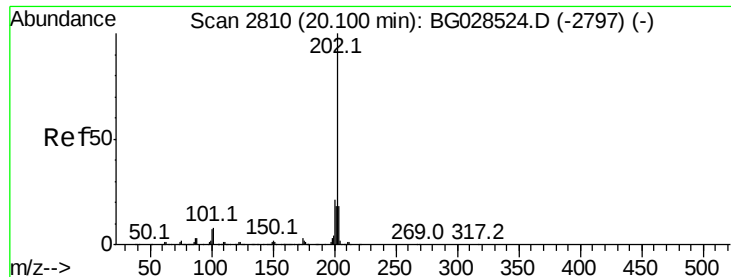
Tot Ion:142 Resp: 19460
Ion Ratio Lower Upper
142 100
141 101.0 68.6 102.8



#44
Dimethylphthalate
Concen: 12.018 ng/ul
RT: 14.39 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG028533.D
Acq: 29 Aug 2017 00:30

Tgt Ion:163 Resp: 114333
Ion Ratio Lower Upper
163 100
194 6.6 3.4 5.0#
164 9.6 9.0 13.4





#77

Pvrene

Concen: 5.080 ng/ul

RT: 20.10 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BG028533.D

Acq: 29 Aug 2017 00:30

Instrument :

BNA_G

ClientSampleId :

B0B12

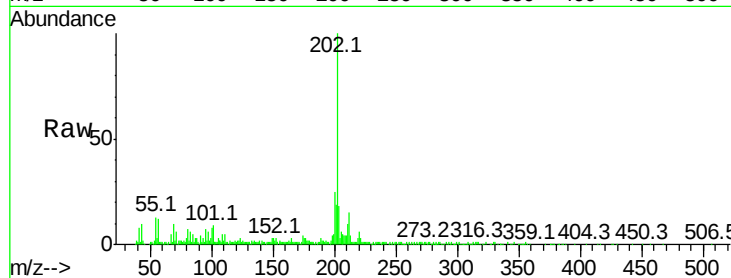
Tot Ion:202 Resp: 99978

Ion Ratio Lower Upper

202 100

101 8.7 6.9 10.3

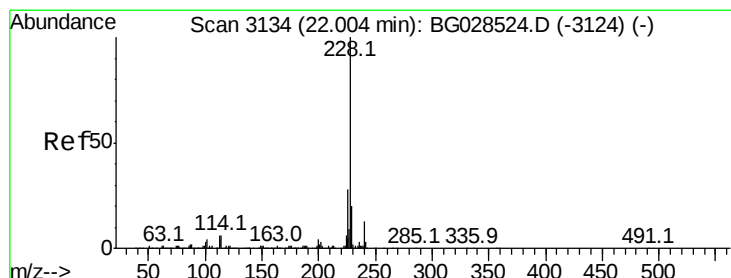
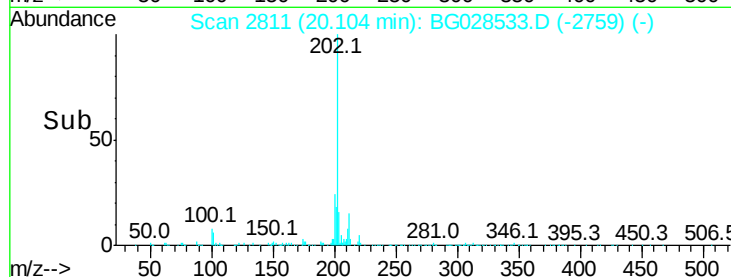
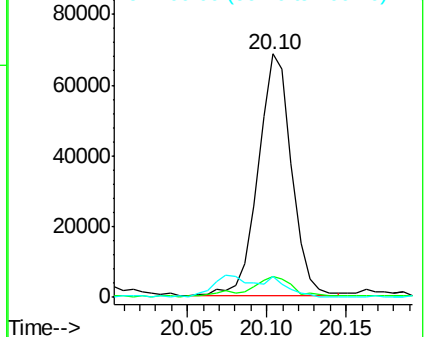
100 8.4 6.6 10.0



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: 4.172 ng/ul

RT: 22.01 min Scan# 3136

Delta R.T. 0.01 min

Lab File: BG028533.D

Acq: 29 Aug 2017 00:30

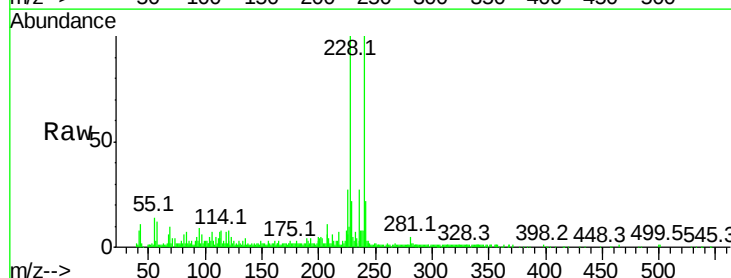
Tgt Ion:228 Resp: 79509

Ion Ratio Lower Upper

228 100

229 21.7 16.3 24.5

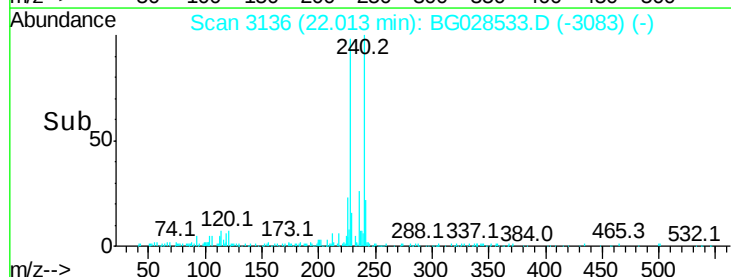
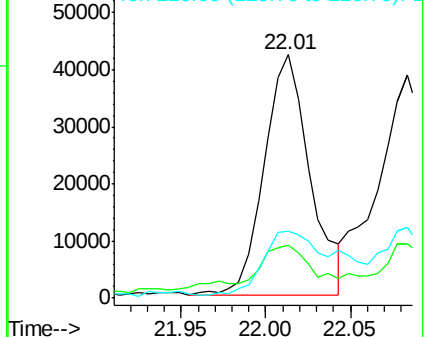
226 27.3 21.9 32.9

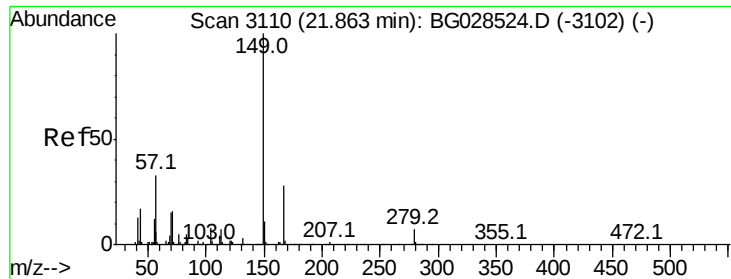


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

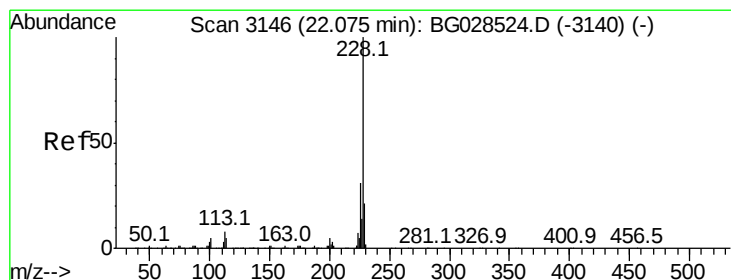
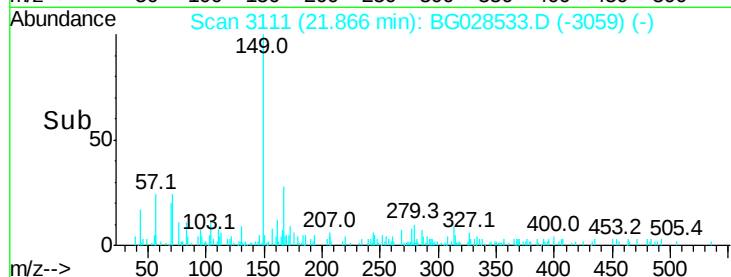
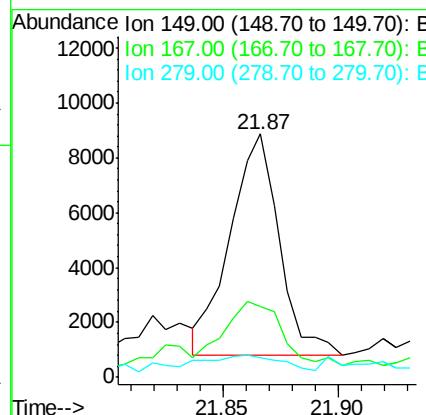
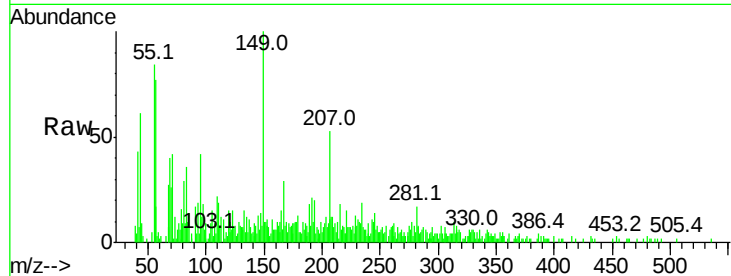




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.145 ng/ul
 RT: 21.87 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BG028533.D
 Acq: 29 Aug 2017 00:30

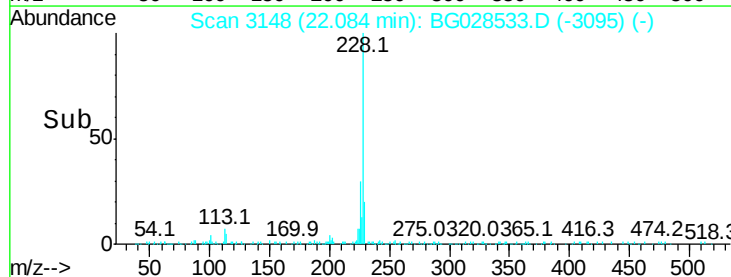
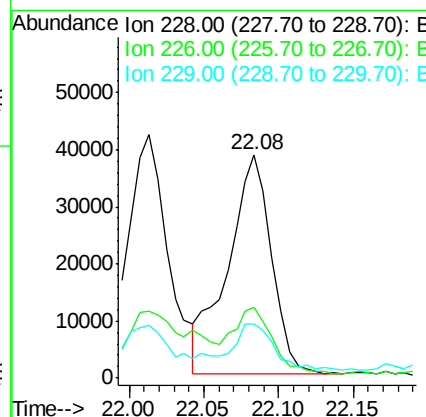
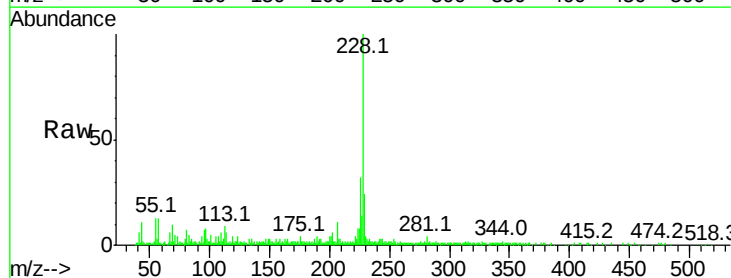
Instrument :
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 ClientSampleId :
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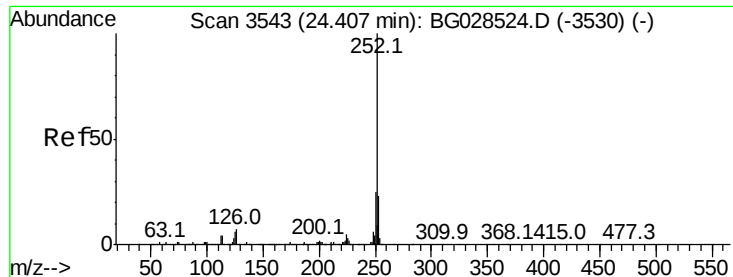
Tot Ion:149 Resp: 12004
 Ion Ratio Lower Upper
 149 100
 167 28.9 21.8 32.8
 279 8.1 4.5 6.7#



#82
 Chrysene
 Concen: 4.539 ng/ul
 RT: 22.08 min Scan# 3148
 Delta R.T. 0.01 min
 Lab File: BG028533.D
 Acq: 29 Aug 2017 00:30

Tgt Ion:228 Resp: 77909
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.0 36.0
 229 24.1 16.9 25.3





#85

Benzo(b)fluoranthene

Concen: 6.503 ng/ul

RT: 24.43 min Scan# 3547

Delta R.T. 0.02 min

Lab File: BG028533.D

Acq: 29 Aug 2017 00:30

Instrument :

BNA_G

ClientSampled :

B0B12

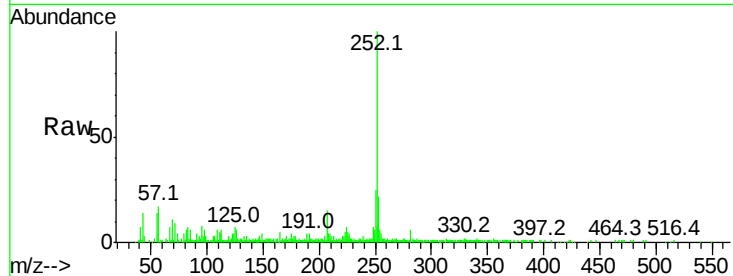
Tot Ion:252 Resp: 127942

Ion Ratio Lower Upper

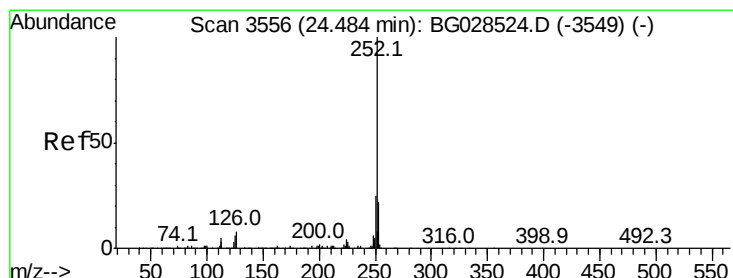
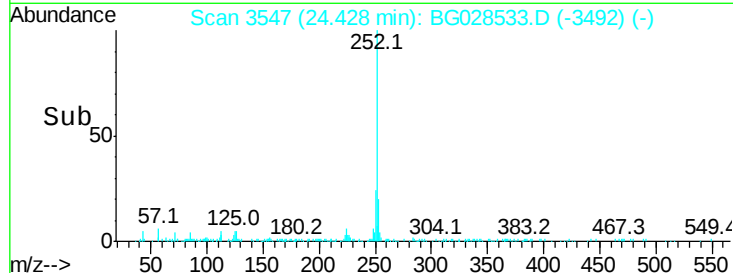
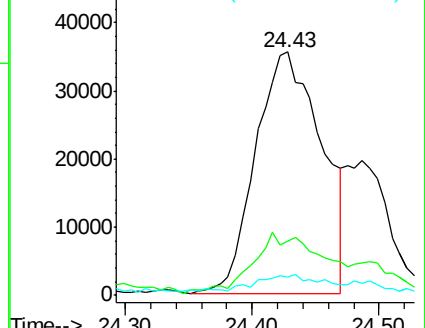
252 100

253 22.1 17.7 26.5

125 7.4 4.0 6.0#



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



#86

Benzo(k)fluoranthene

Concen: 6.657 ng/ul

RT: 24.43 min Scan# 3547

Delta R.T. -0.06 min

Lab File: BG028533.D

Acq: 29 Aug 2017 00:30

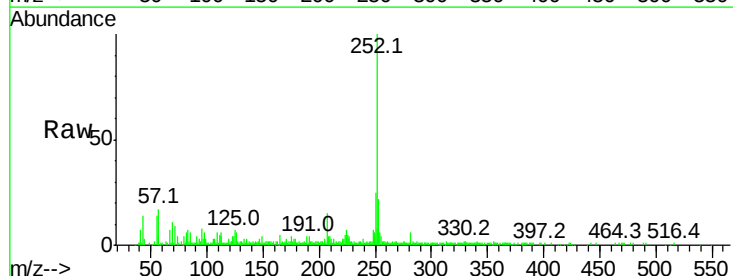
Tgt Ion:252 Resp: 127942

Ion Ratio Lower Upper

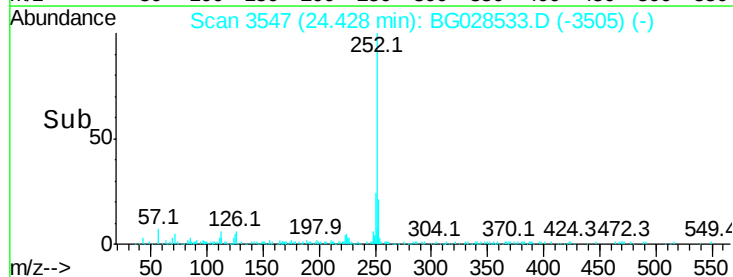
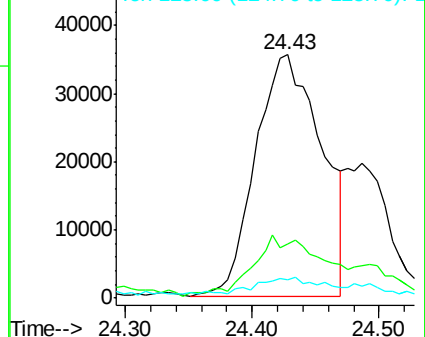
252 100

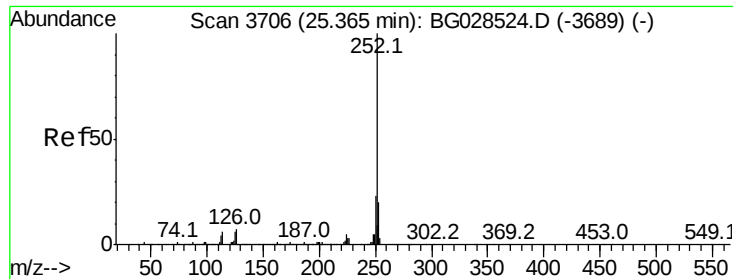
253 22.1 18.5 27.7

125 7.4 4.1 6.1#



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: 5.593 ng/ul

RT: 25.39 min Scan# 3710

Delta R.T. 0.02 min

Lab File: BG028533.D

Acq: 29 Aug 2017 00:30

Instrument :

BNA_G

ClientSampleId :

B0B12

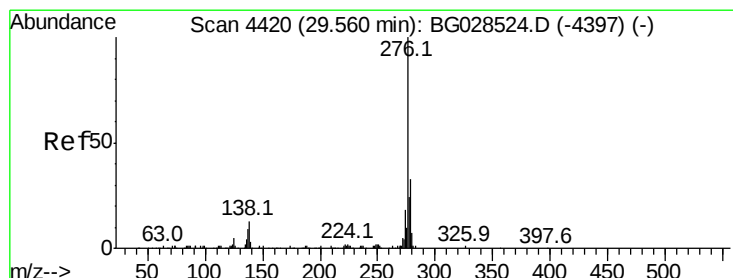
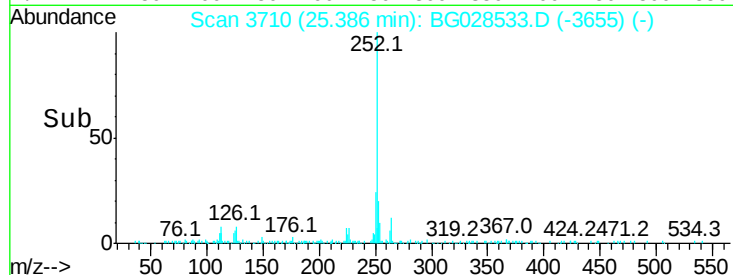
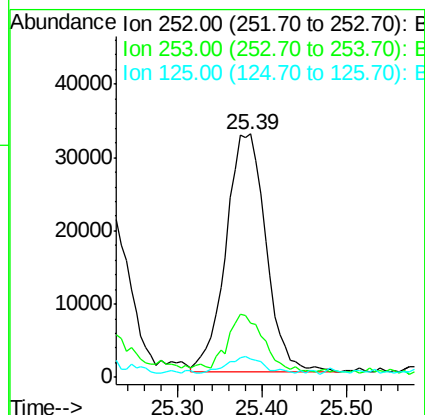
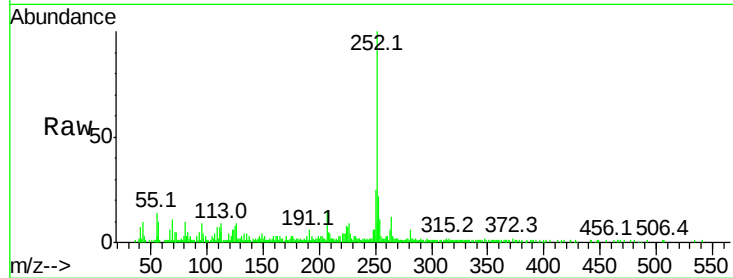
Tot Ion:252 Resp: 106554

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	7.7	5.4	8.0

252 100

253 22.4 17.8 26.6

125 7.7 5.4 8.0



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.084 ng/ul

RT: 29.56 min Scan# 4421

Delta R.T. 0.00 min

Lab File: BG028533.D

Acq: 29 Aug 2017 00:30

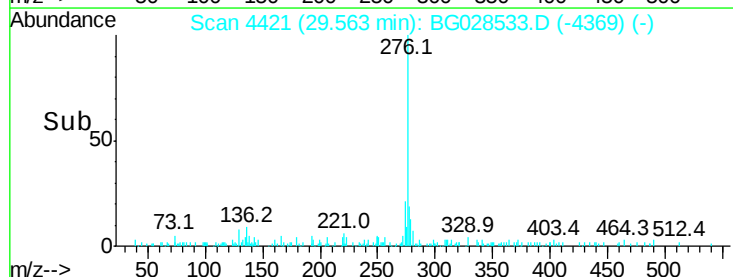
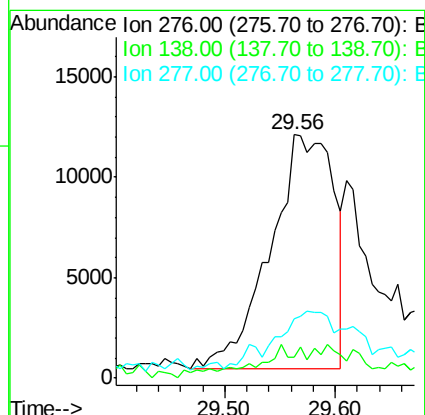
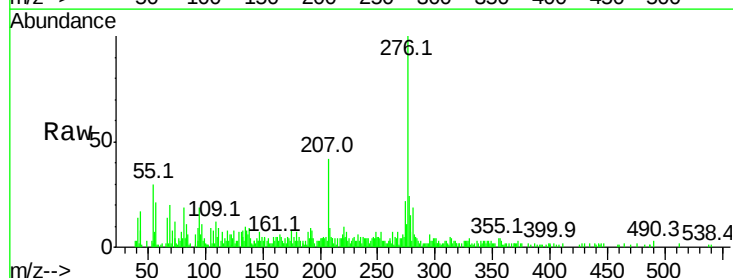
Tgt Ion:276 Resp: 46488

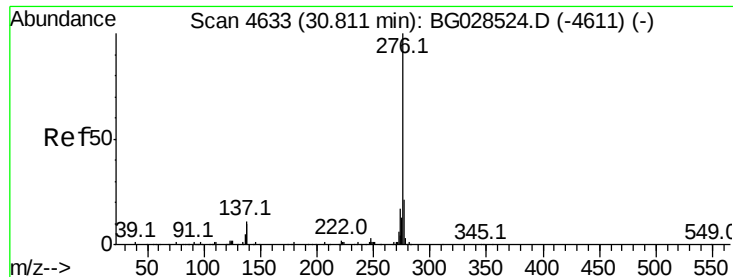
Ion	Ratio	Lower	Upper
276	100		
138	8.5	8.2	12.4
277	24.3	18.6	28.0

276 100

138 8.5 8.2 12.4

277 24.3 18.6 28.0





#91

Benzo(a,h,i)perylene

Concen: 2.745 ng/ul

RT: 30.85 min Scan# 4640

Delta R.T. 0.04 min

Lab File: BG028533.D

Acq: 29 Aug 2017 00:30

Instrument :

BNA_G

ClientSampleId :

B0B12

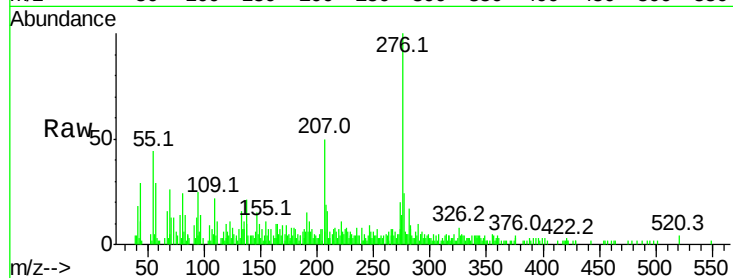
Tot Ion:276 Resp: 50381

Ion Ratio Lower Upper

276 100

138 10.3 8.6 12.8

277 24.3 17.6 26.4



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

