

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
 Data File : BG029486.D
 Acq On : 26 Oct 2017 20:25
 Operator : SJ/JU
 Sample : I5792-20 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 27 02:17:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:08:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	84188	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	449111	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	296930	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	658731	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	688621	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	723708	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	2145	1.04	ng/uL	0.00
5) Phenol-d5	7.32	99	54192	6.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	32836	6.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	43627	7.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	41495	6.36	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	22912	7.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	26332	7.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	49780	6.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	29825	3.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	160160	6.31	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	206525	6.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	16223	3.46	ng/ul	0.00
57) Fluorene-d10	15.77	176	145793	7.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	11945	3.71	ng/ul	0.00
70) Anthracene-d10	17.62	188	212652	6.83	ng/ul	0.00
76) Pyrene-d10	19.90	212	249460	7.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	228698	6.67	ng/ul	0.00

Target Compounds

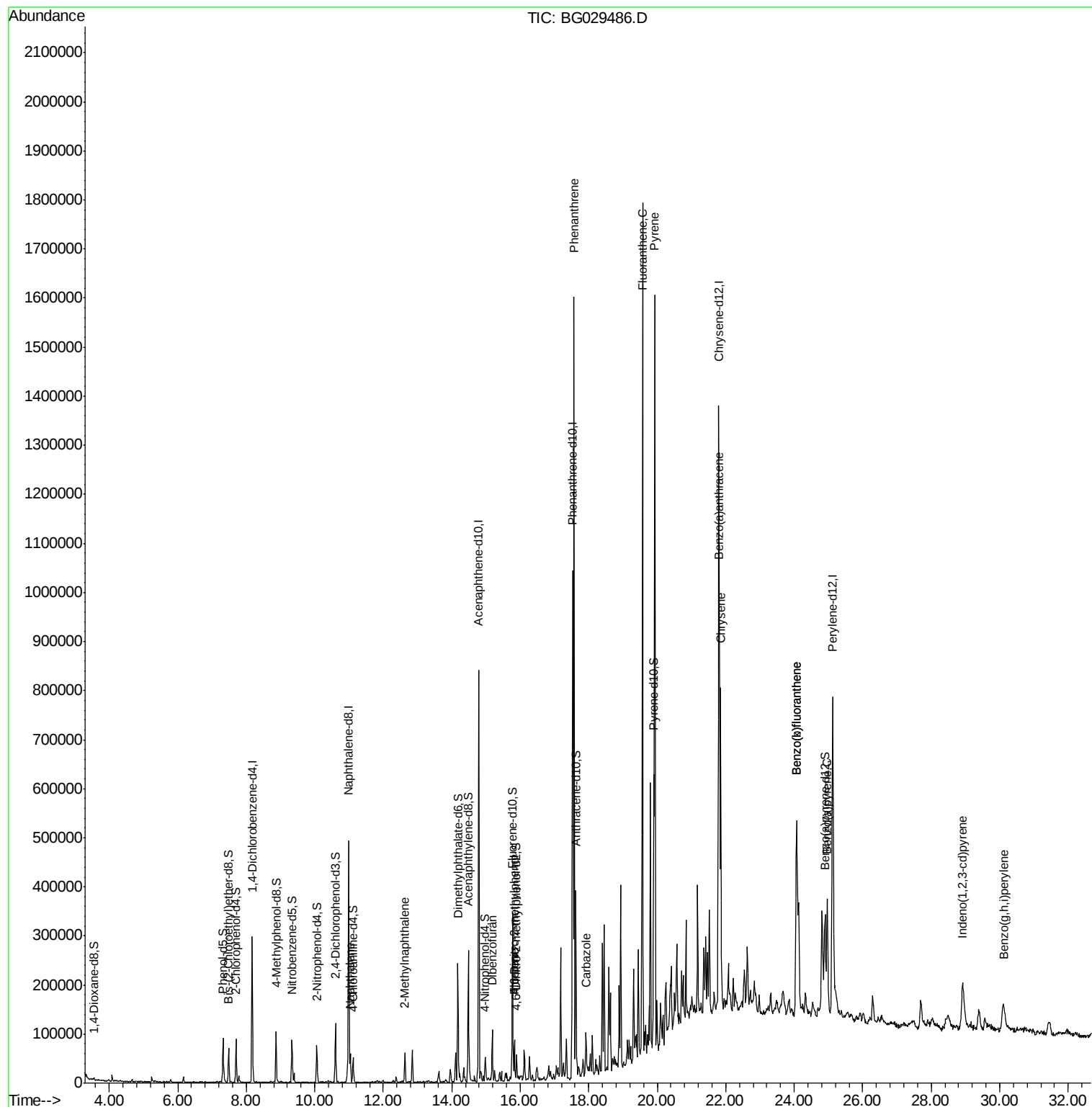
						Ovalue
28) Naphthalene	11.04	128	48581	2.04	ng/ul	98
34) 2-Methylnaphthalene	12.63	142	30518	1.55	ng/ul	99
53) Dibenzofuran	15.18	168	57744	1.96	ng/ul	93
58) Fluorene	15.83	166	32532	1.38	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.82	198	4773	1.40	ng/ul#	58
69) Phenanthrene	17.57	178	982535	27.59	ng/ul	97
72) Carbazole	17.92	167	60255	1.82	ng/ul	96
74) Fluoranthene	19.57	202	1104495	27.75	ng/ul	99
77) Pvrene	19.93	202	944536	20.47	ng/ul	98
80) Benzo(a)anthracene	21.78	228	209037	4.84	ng/ul	97
82) Chrysene	21.85	228	481347	12.28	ng/ul	96
85) Benzo(b)fluoranthene	24.06	252	519265	11.95	ng/ul	98
86) Benzo(k)fluoranthene	24.06	252	519265	12.36	ng/ul	98
88) Benzo(a)pyrene	24.96	252	267909	6.33	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.91	276	200415	4.19	ng/ul	98
91) Benzo(g,h,i)perylene	30.11	276	142626	3.60	ng/ul	97

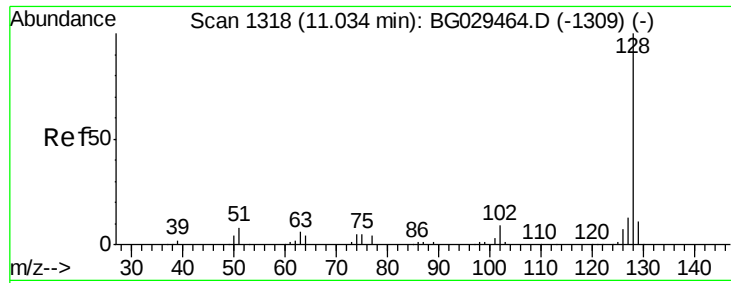
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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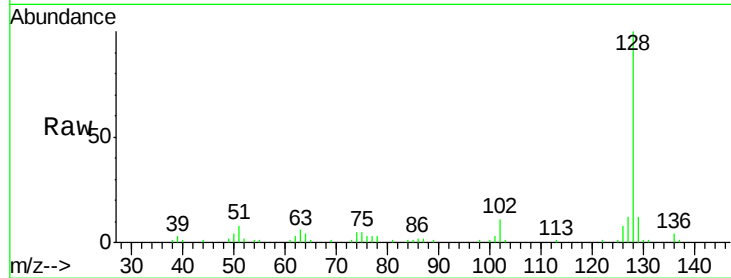




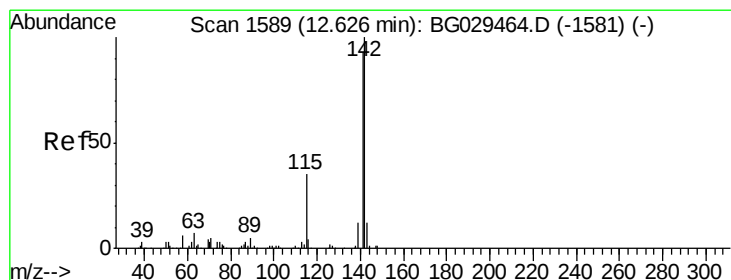
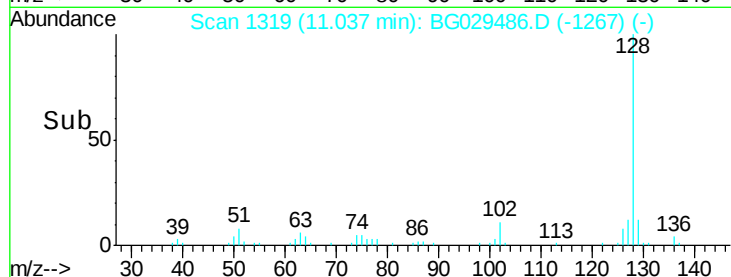
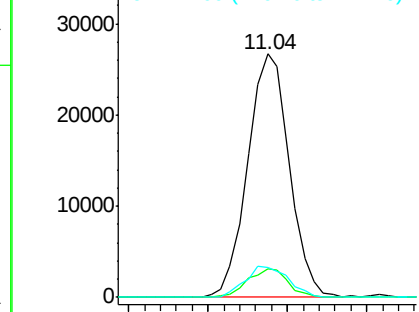
#28
Naphthalene
Concen: 2.04 ng/ul
RT: 11.04 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG029486.D
Acq: 26 Oct 2017 20:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 48581
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 12.3 10.7 16.1

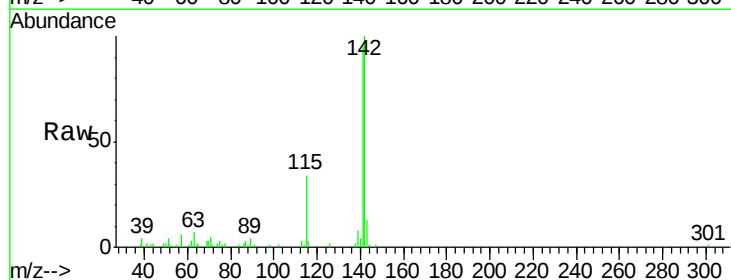


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

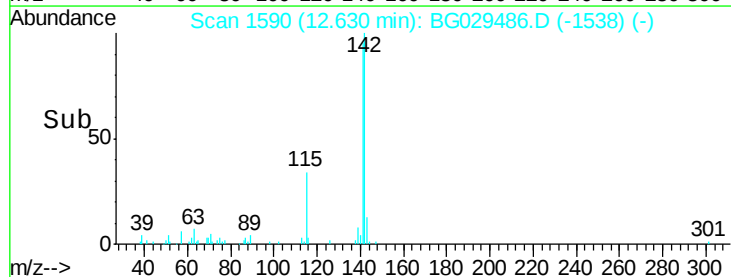
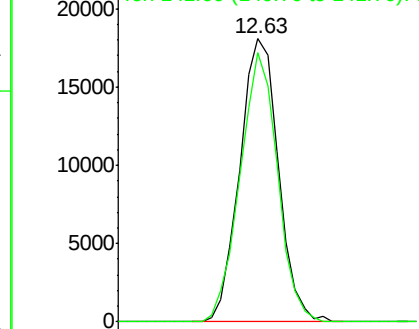


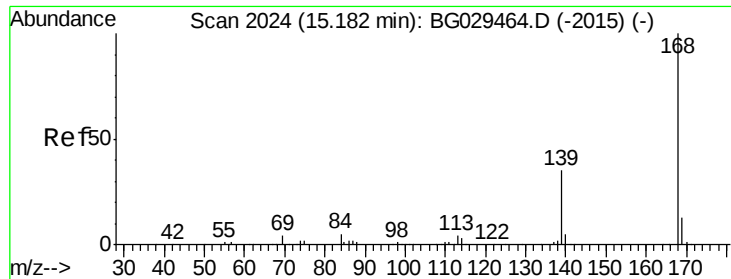
#34
2-Methylnaphthalene
Concen: 1.55 ng/ul
RT: 12.63 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BG029486.D
Acq: 26 Oct 2017 20:25

Tgt Ion:142 Resp: 30518
Ion Ratio Lower Upper
142 100
141 95.1 75.4 113.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

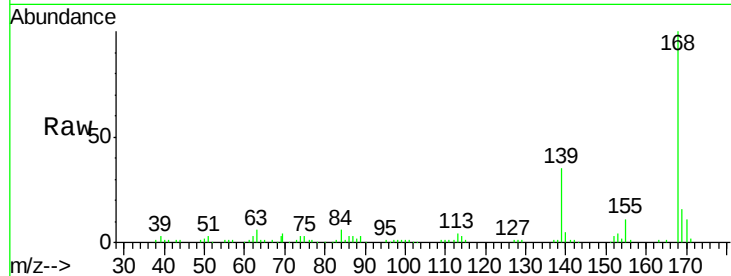




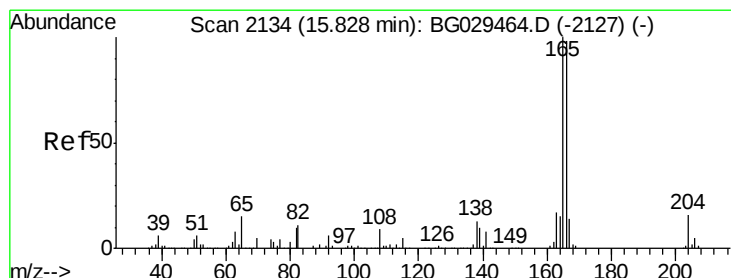
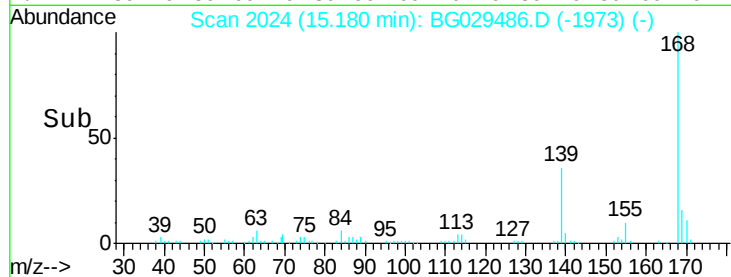
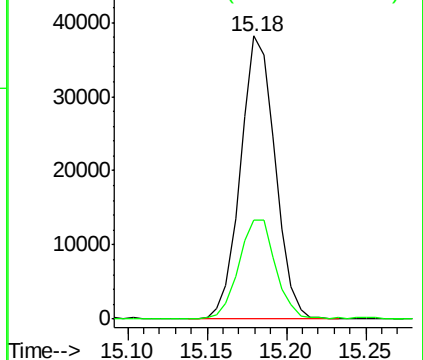
#53
Dibenzenofuran
Concen: 1.96 ng/ul
RT: 15.18 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG029486.D
Acq: 26 Oct 2017 20:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 57744
Ion Ratio Lower Upper
168 100
139 35.0 31.4 47.2

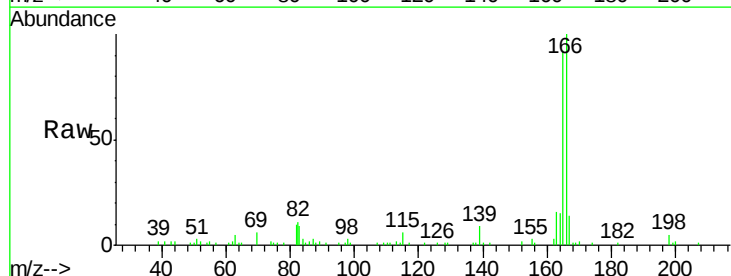


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

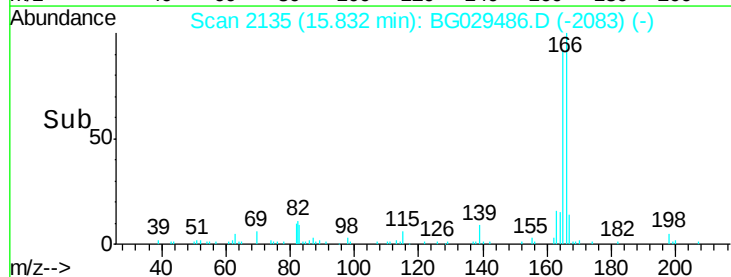
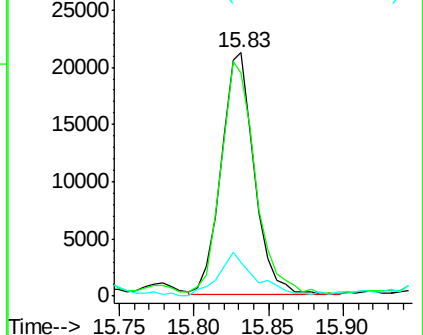


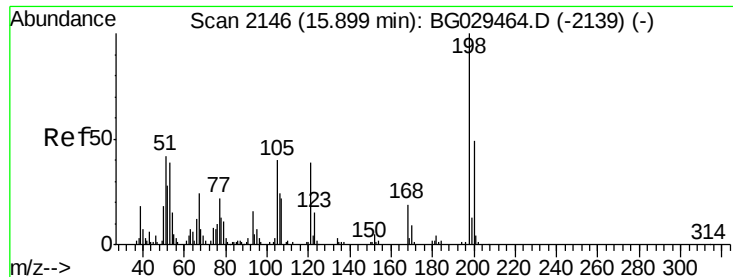
#58
Fluorene
Concen: 1.38 ng/ul
RT: 15.83 min Scan# 2135
Delta R.T. 0.00 min
Lab File: BG029486.D
Acq: 26 Oct 2017 20:25

Tgt Ion:166 Resp: 32532
Ion Ratio Lower Upper
166 100
165 91.6 79.9 119.9
167 13.7 10.6 16.0



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

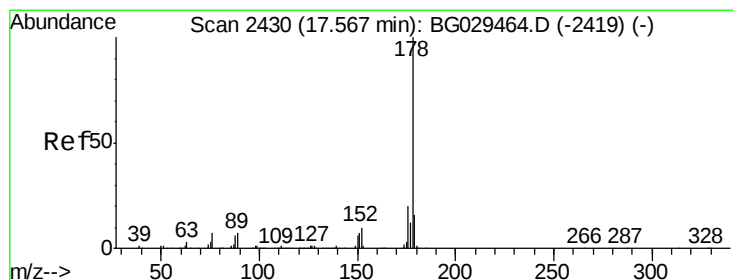
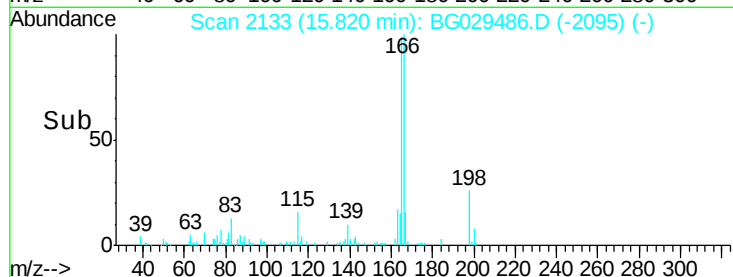
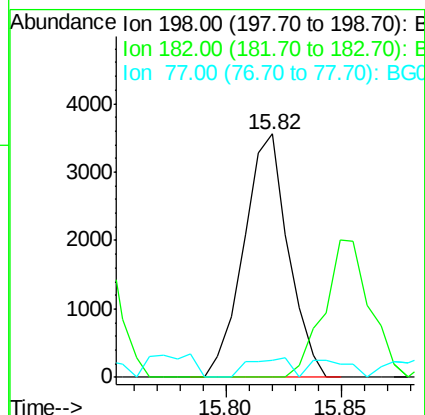
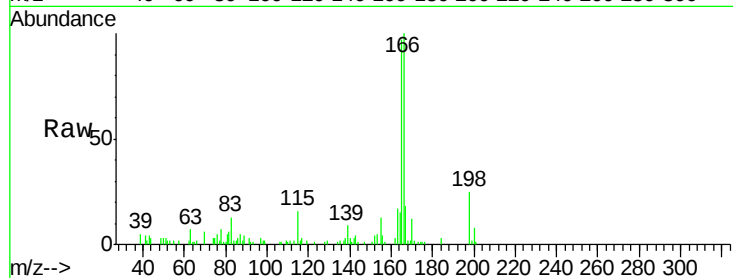




#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.40 ng/ul
 RT: 15.82 min Scan# 2133
 Delta R.T. -0.08 min
 Lab File: BG029486.D
 Acq: 26 Oct 2017 20:25

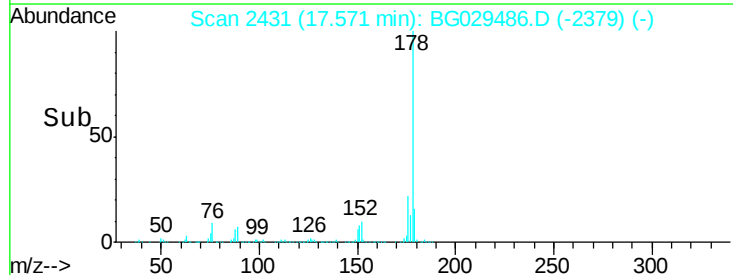
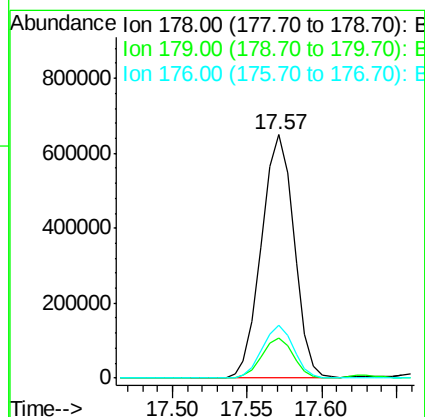
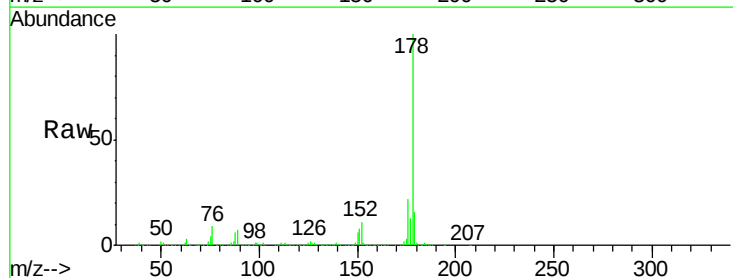
Instrument :
 BNA_G
 ClientSampleId :

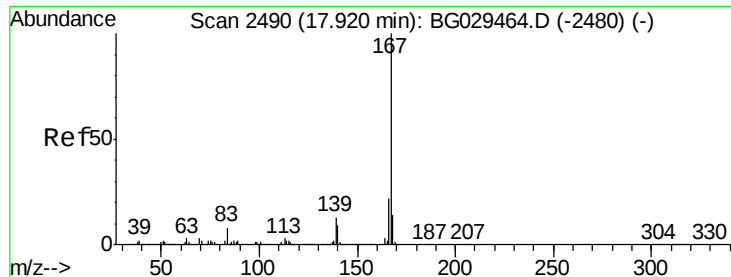
Tot Ion:198 Resp: 4773
 Ion Ratio Lower Upper
 198 100
 182 0.0 4.6 5.0#
 77 7.1 25.9 39.7#



#69
 Phenanthrene
 Concen: 27.59 ng/ul
 RT: 17.57 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BG029486.D
 Acq: 26 Oct 2017 20:25

Tgt Ion:178 Resp: 982535
 Ion Ratio Lower Upper
 178 100
 179 16.4 13.0 19.6
 176 21.5 15.3 22.9

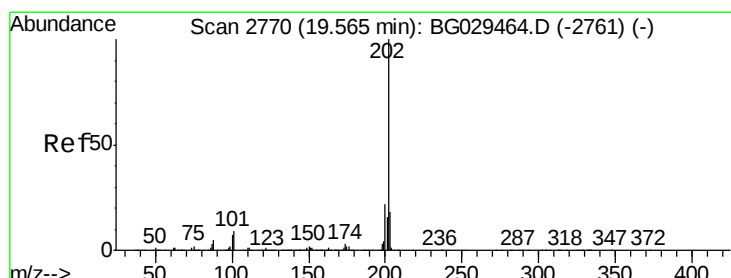
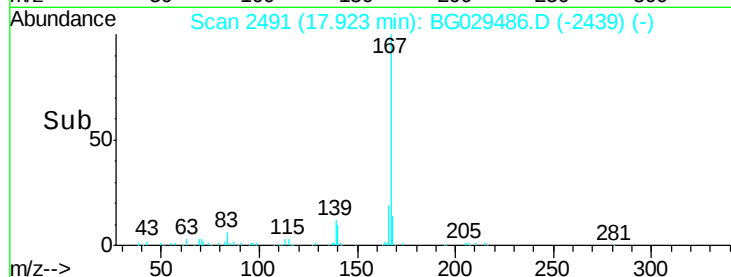
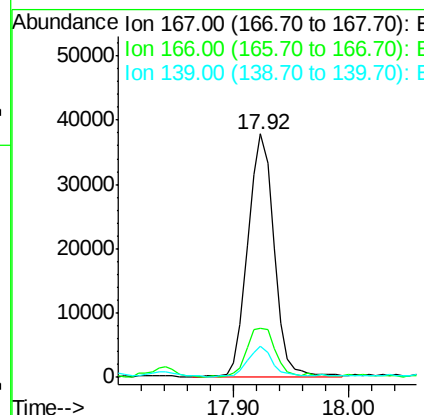
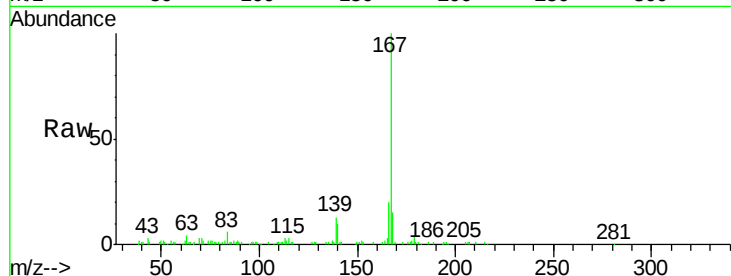




#72
 Carbazole
 Concen: 1.82 ng/ul
 RT: 17.92 min Scan# 2491
 Delta R.T. 0.00 min
 Lab File: BG029486.D
 Acq: 26 Oct 2017 20:25

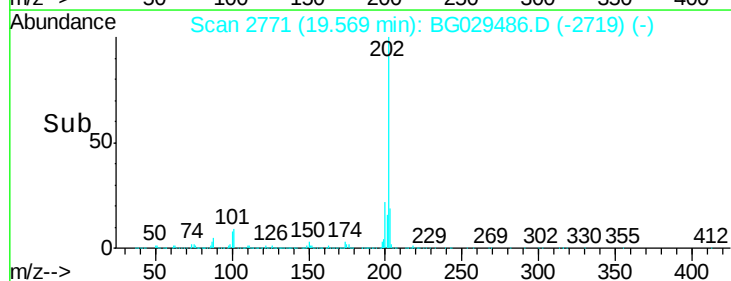
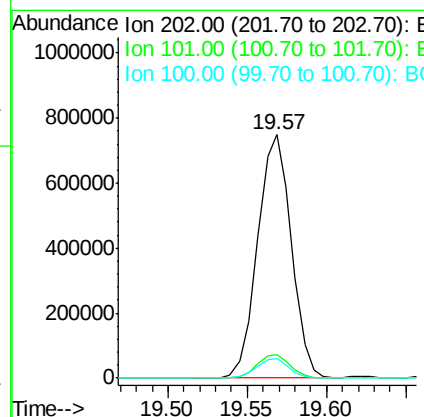
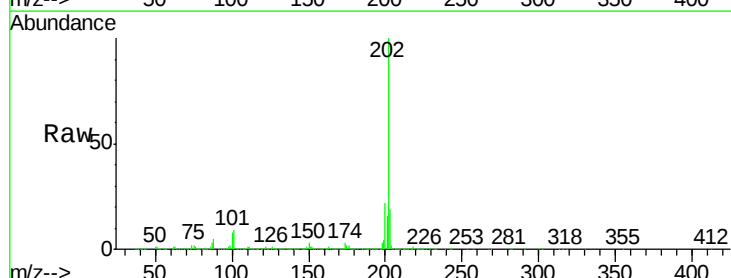
Instrument :
 BNA_G
 ClientSampleId :

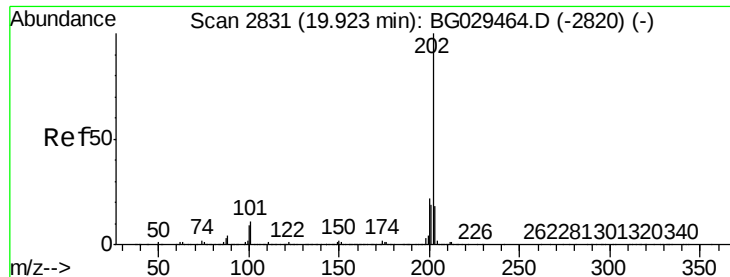
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.4	18.6	28.0
139	12.6	10.6	16.0



#74
 Fluoranthene
 Concen: 27.75 ng/ul
 RT: 19.57 min Scan# 2771
 Delta R.T. 0.00 min
 Lab File: BG029486.D
 Acq: 26 Oct 2017 20:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.4	11.2
100	8.0	5.6	8.4





#77

Pvrene

Concen: 20.47 ng/ul

RT: 19.93 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BG029486.D

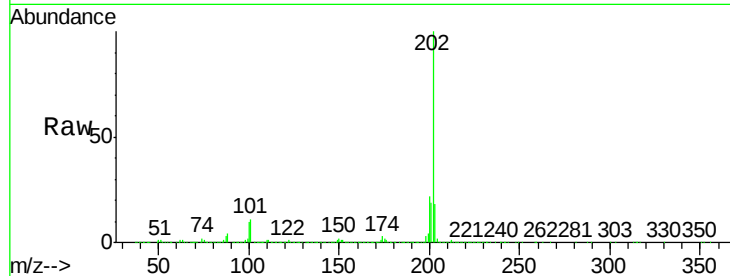
Acq: 26 Oct 2017 20:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	944536
Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.4	12.6
100	9.6	7.0	10.6

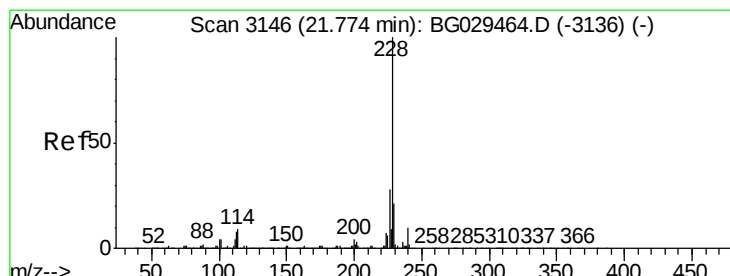
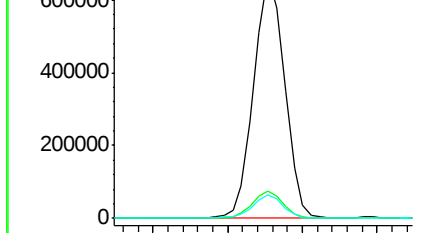
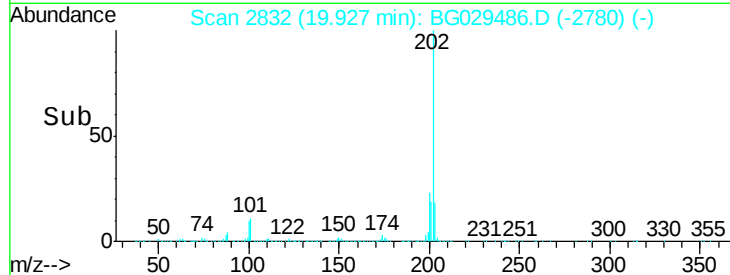


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#80

Benzo(a)anthracene

Concen: 4.84 ng/ul

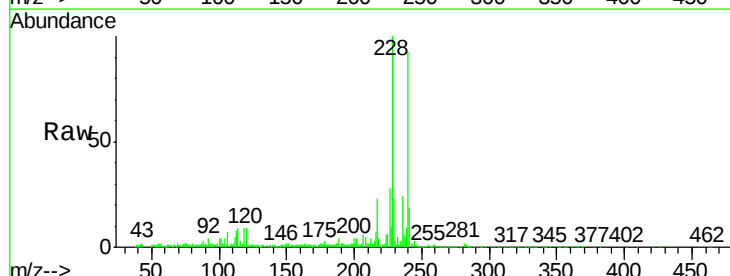
RT: 21.78 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BG029486.D

Acq: 26 Oct 2017 20:25

Tgt Ion:	228	Resp:	209037
Ion	Ratio	Lower	Upper
228	100		
229	23.1	16.2	24.4
226	28.2	22.2	33.2

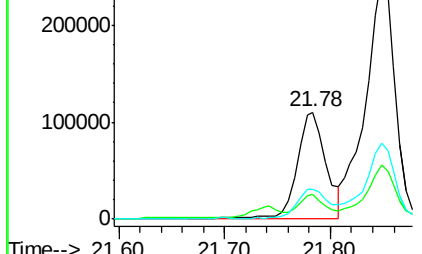
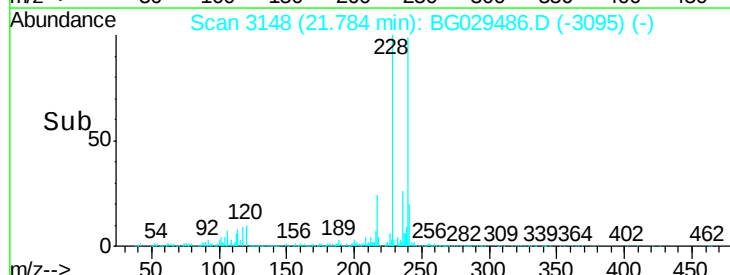


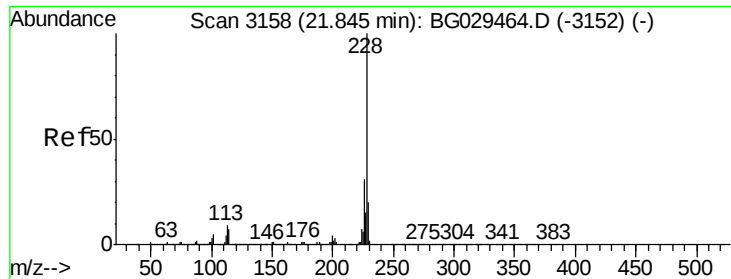
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->





#82

Chrysene

Concen: 12.28 ng/ul

RT: 21.85 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG029486.D

Acq: 26 Oct 2017 20:25

Instrument :

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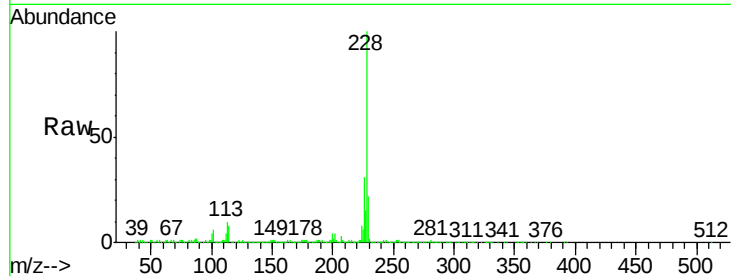
Tot Ion:228 Resp: 481347

Ion Ratio Lower Upper

228 100

226 31.2 24.2 36.2

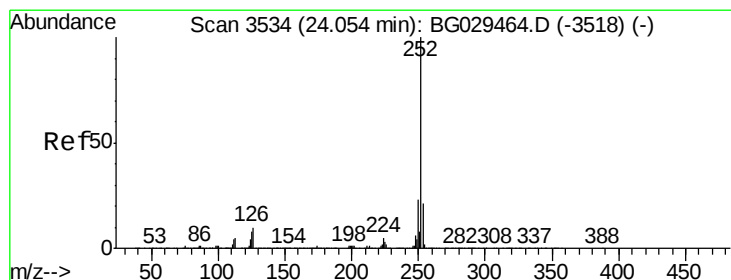
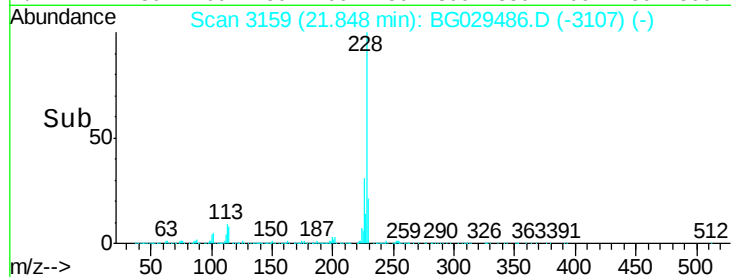
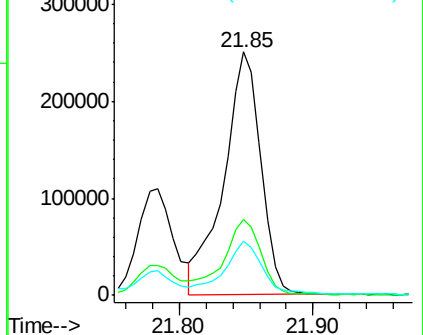
229 22.0 15.2 22.8



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: 11.95 ng/ul

RT: 24.06 min Scan# 3536

Delta R.T. 0.01 min

Lab File: BG029486.D

Acq: 26 Oct 2017 20:25

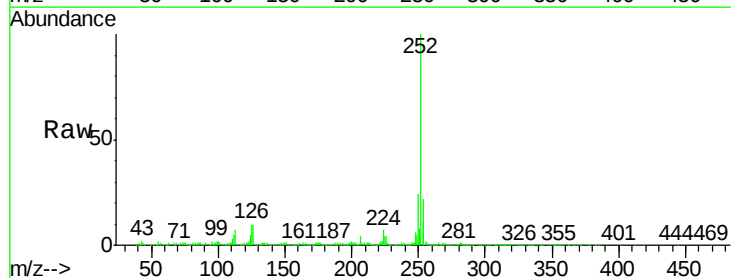
Tgt Ion:252 Resp: 519265

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

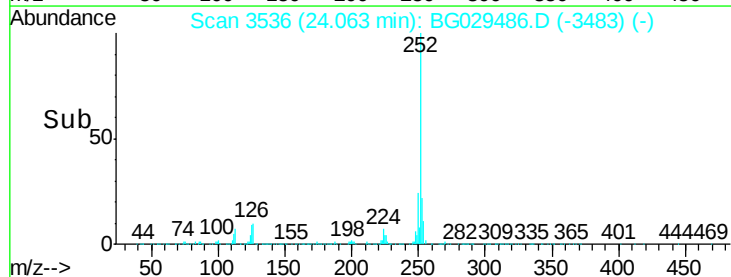
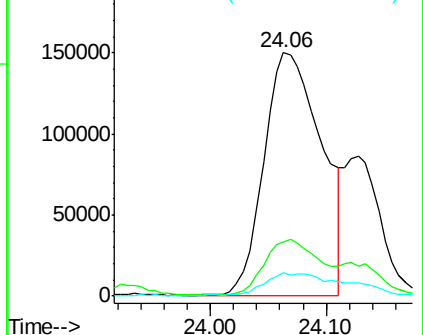
125 9.5 7.5 11.3

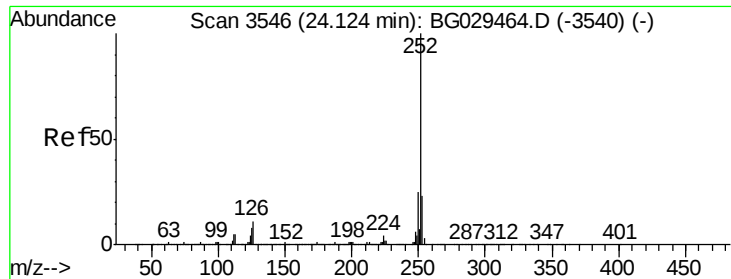


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

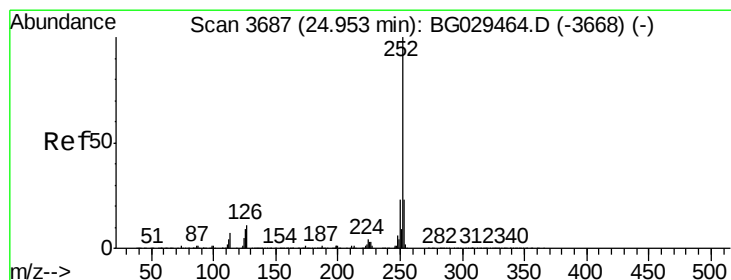
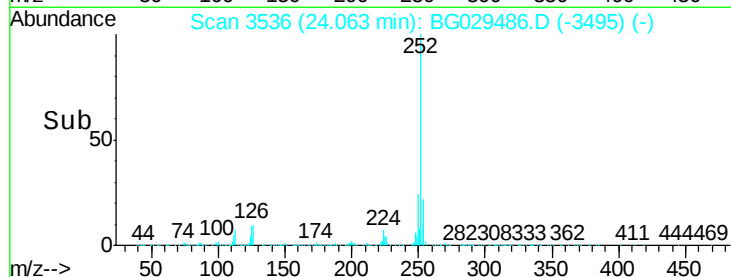
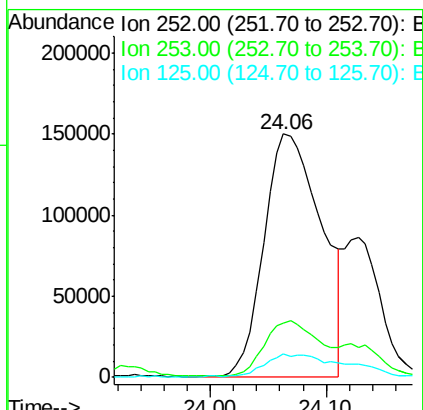
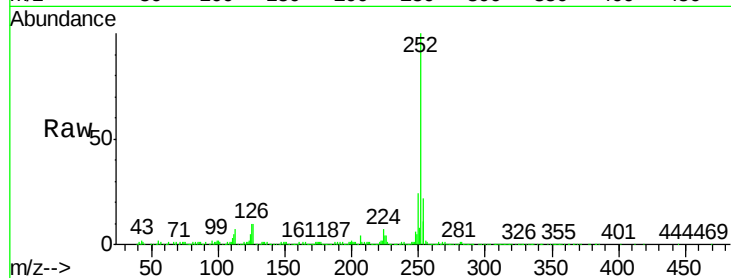




#86
Benzo(k)fluoranthene
Concen: 12.36 ng/ul
RT: 24.06 min Scan# 3536
Delta R.T. -0.06 min
Lab File: BG029486.D
Acq: 26 Oct 2017 20:25

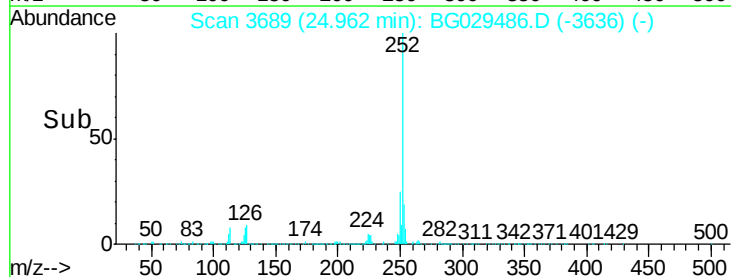
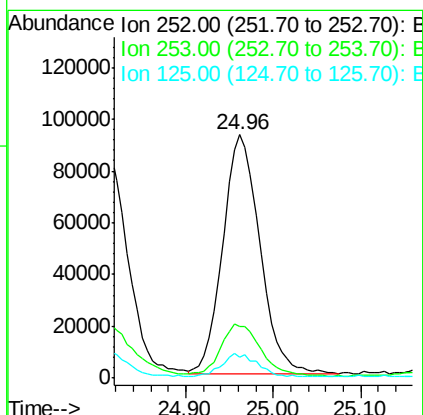
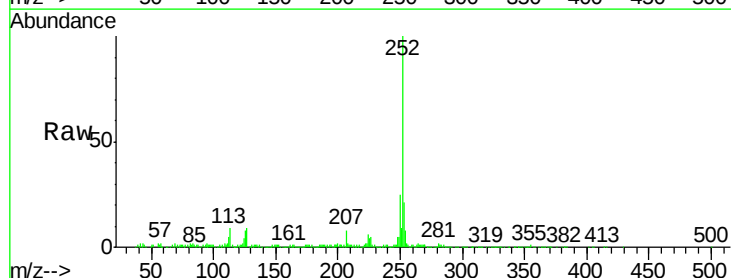
Instrument :
BNA_G
ClientSampleId :

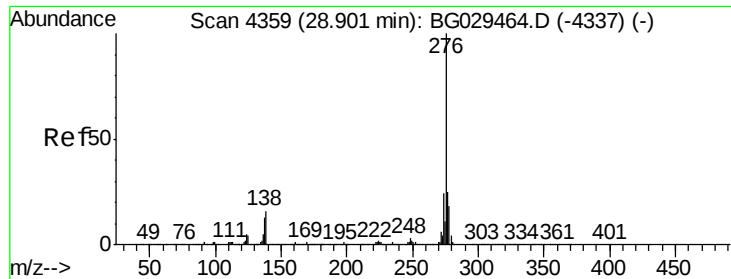
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	9.5	7.8	11.8



#88
Benzo(a)pyrene
Concen: 6.33 ng/ul
RT: 24.96 min Scan# 3689
Delta R.T. 0.01 min
Lab File: BG029486.D
Acq: 26 Oct 2017 20:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	8.4	7.8	11.8

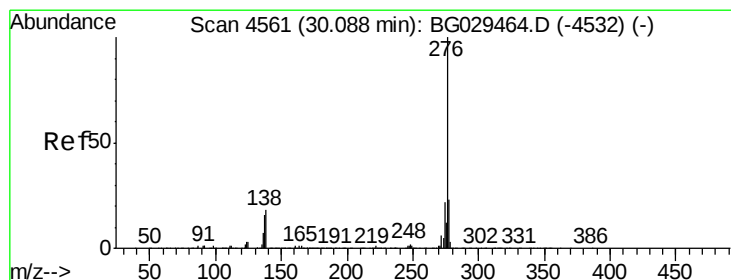
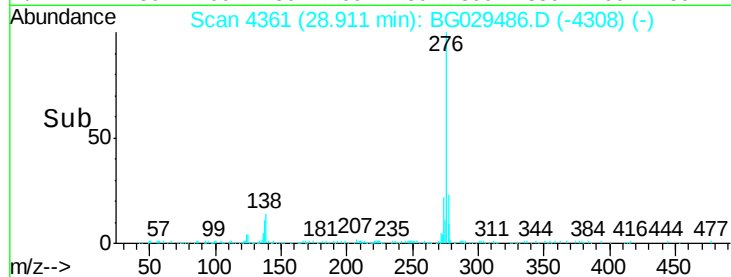
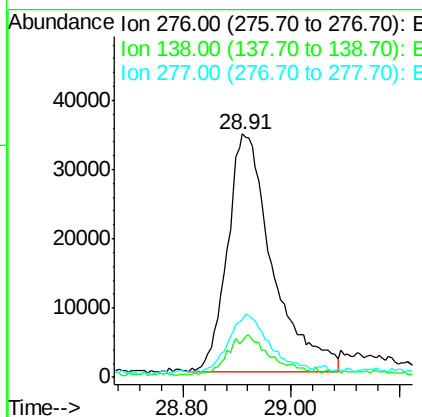
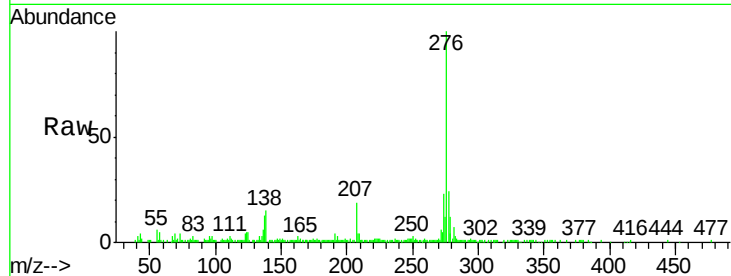




#89
 Indeno(1,2,3-cd)pyrene
 Concen: 4.19 ng/ul
 RT: 28.91 min Scan# 4361
 Delta R.T. 0.01 min
 Lab File: BG029486.D
 Acq: 26 Oct 2017 20:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.0	13.4	20.0
277	23.8	18.6	28.0



#91
 Benzo(g,h,i)perylene
 Concen: 3.60 ng/ul
 RT: 30.11 min Scan# 4566
 Delta R.T. 0.03 min
 Lab File: BG029486.D
 Acq: 26 Oct 2017 20:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.8	12.1	18.1
277	23.9	17.7	26.5

