

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
 Data File : BG029465.D
 Acq On : 26 Oct 2017 6:20
 Operator : SJ/JU
 Sample : I5792-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 26 14:21:45 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	78483	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	364226	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	238998	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	556824	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	589903	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	595599	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	16869	8.74	ng/uL	0.00
5) Phenol-d5	7.32	99	358664	47.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	207968	44.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	284624	53.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	269778	44.34	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	144928	55.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	174033	64.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	314564	51.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.33	131	768	0.11	ng/ul	0.22
43) Dimethylphthalate-d6	14.18	166	949899	46.49	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1211777	48.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	155625	41.26	ng/ul	0.00
57) Fluorene-d10	15.77	176	878613	52.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	158838	58.44	ng/ul	0.00
70) Anthracene-d10	17.63	188	1259473	47.83	ng/ul	0.00
76) Pyrene-d10	19.90	212	1446825	47.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	1427784	50.61	ng/ul	0.02

Target Compounds

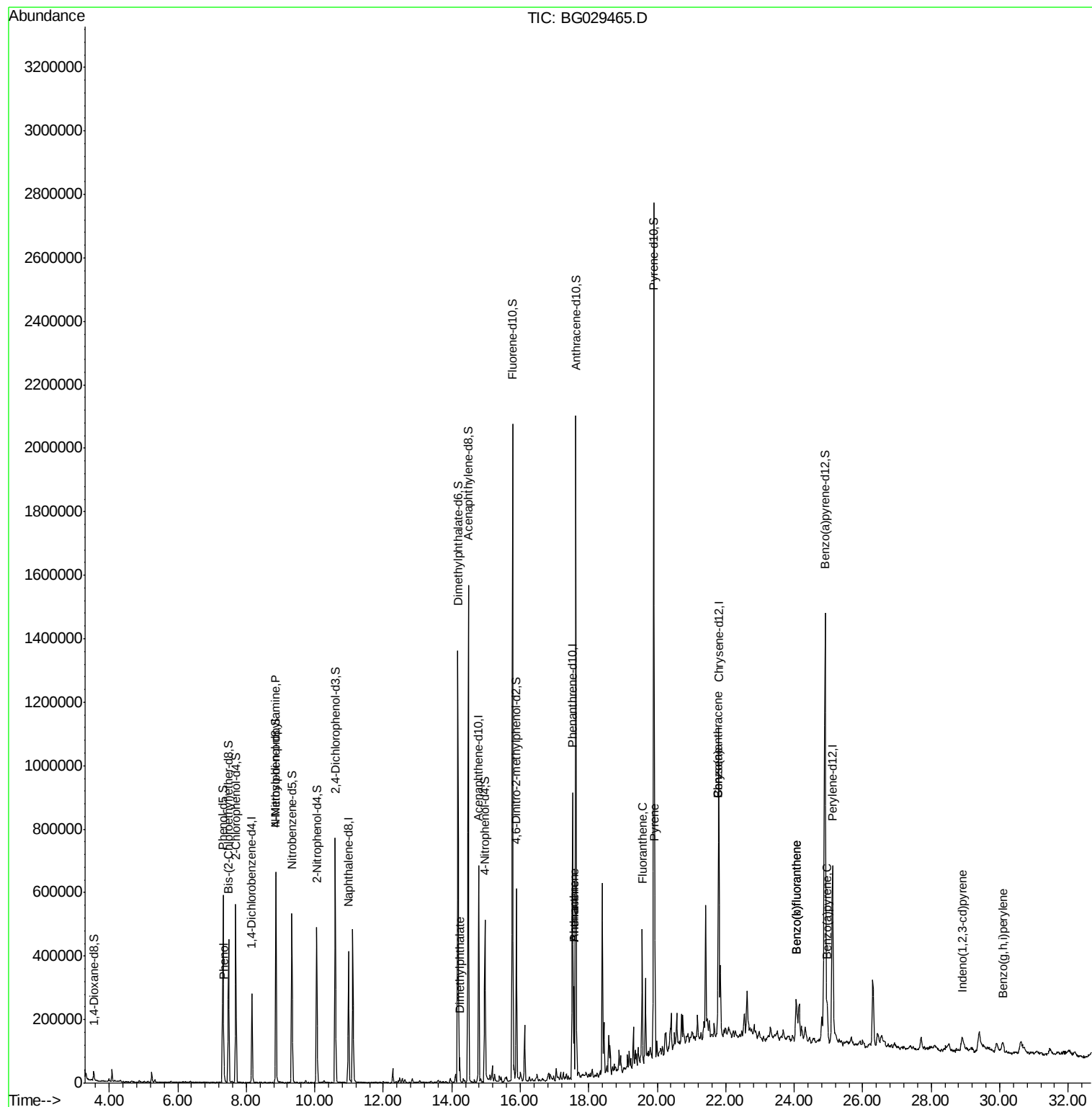
					Ovalue	
6) Phenol	7.34	94	40351	5.177	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.87	70	6175	1.199	ng/ul#	1
44) Dimethylphthalate	14.23	163	46202	2.318	ng/ul	99
69) Phenanthrene	17.57	178	187233	6.220	ng/ul	99
71) Anthracene	17.57	178	187233	6.029	ng/ul	100
74) Fluoranthene	19.56	202	254954	7.579	ng/ul	100
77) Pyrene	19.93	202	293694	7.429	ng/ul	99
80) Benzo(a)anthracene	21.78	228	143881	3.892	ng/ul	98
82) Chrysene	21.78	228	144955	4.315	ng/ul	94
85) Benzo(b)fluoranthene	24.06	252	170882	4.779	ng/ul	99
86) Benzo(k)fluoranthene	24.06	252	170882	4.943	ng/ul	99
88) Benzo(a)pyrene	24.96	252	124582	3.579	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.90	276	82190	2.087	ng/ul	97
91) Benzo(g,h,i)perylene	30.09	276	69879	2.141	ng/ul#	91

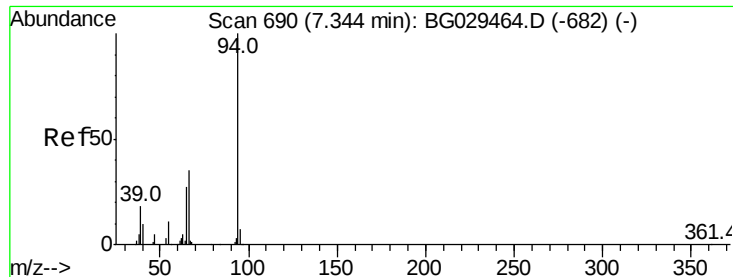
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:08:53 2017
Response via : Initial Calibration





#6

Phenol

Concen: 5.177 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG029465.D

Acq: 26 Oct 2017 6:20

Instrument :

BNA_G

ClientSampleId :

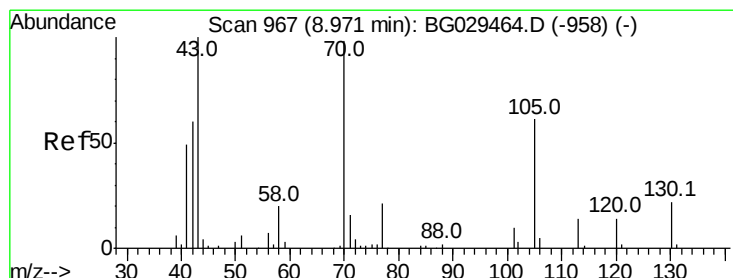
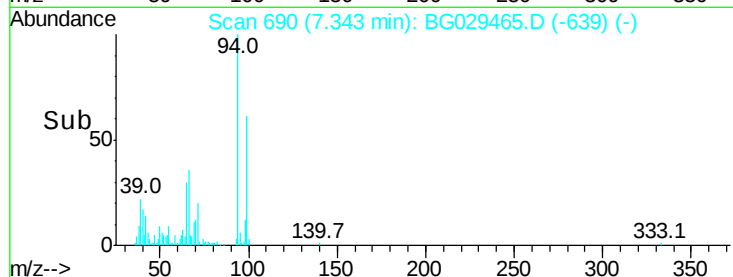
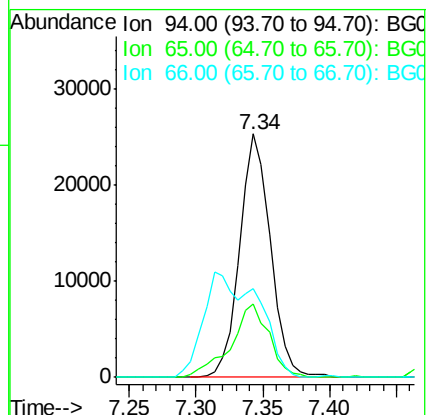
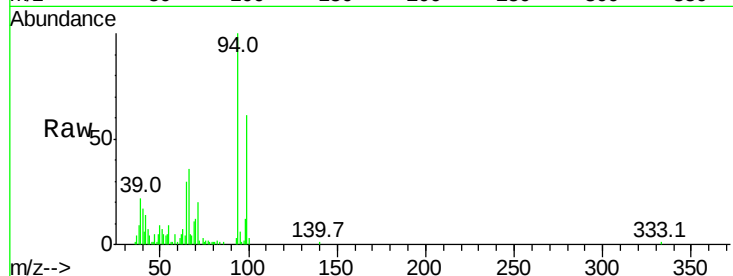
Tot Ion: 94 Resp: 40351

Ion Ratio Lower Upper

94 100

65 30.0 27.1 40.7

66 36.5 34.6 52.0



#15

N-Nitroso-di-n-propylamine

Concen: 1.199 ng/ul

RT: 8.87 min Scan# 950

Delta R.T. -0.10 min

Lab File: BG029465.D

Acq: 26 Oct 2017 6:20

Tgt Ion: 70 Resp: 6175

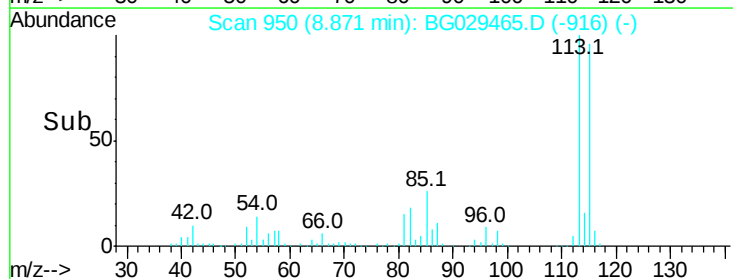
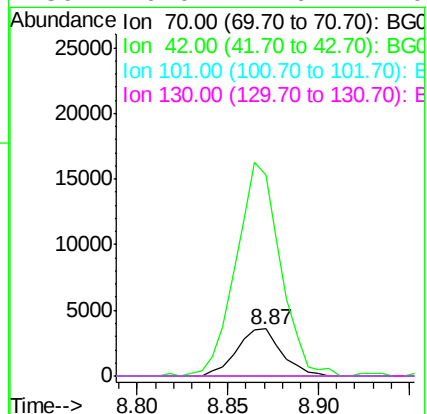
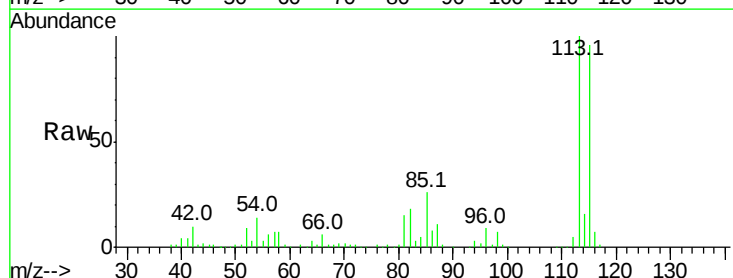
Ion Ratio Lower Upper

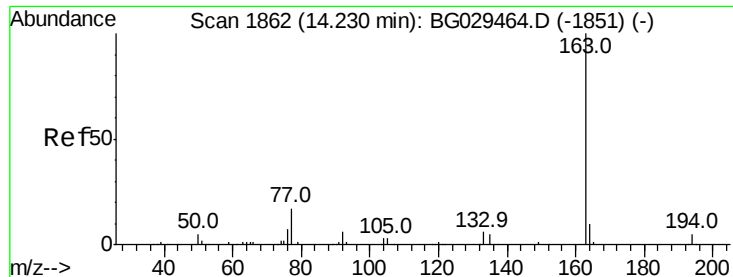
70 100

42 428.7 51.7 77.5#

101 0.0 7.6 11.4#

130 0.0 14.6 22.0#





#44

Dimethylphthalate

Concen: 2.318 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG029465.D

Acq: 26 Oct 2017 6:20

Instrument :

BNA_G

ClientSampleId :

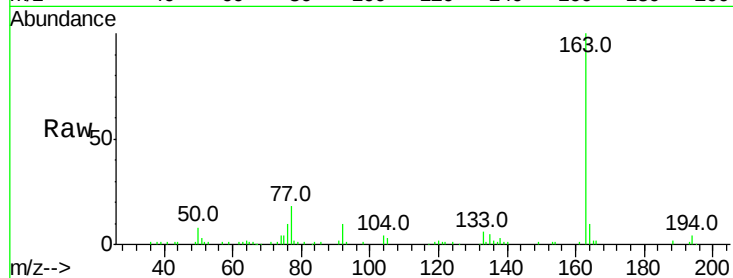
Tot Ion:163 Resp: 46202

Ion Ratio Lower Upper

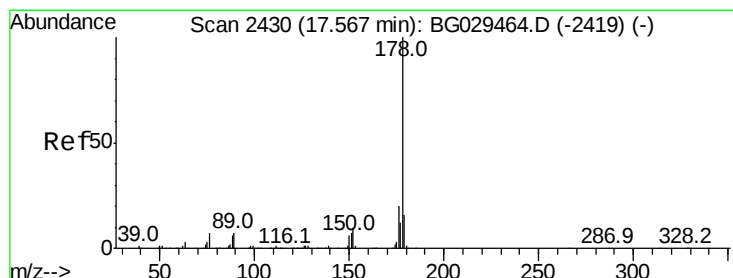
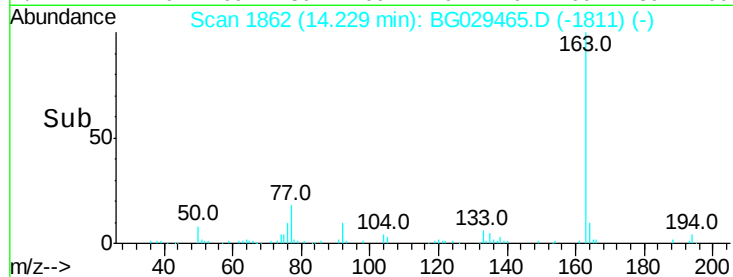
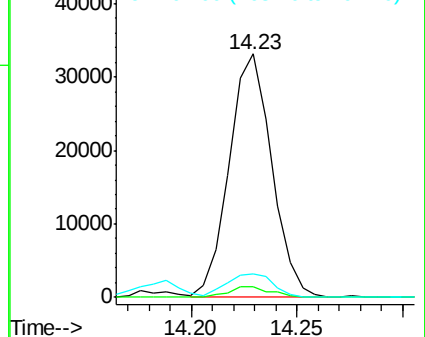
163 100

194 4.2 3.5 5.3

164 9.7 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



#69

Phenanthrene

Concen: 6.220 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG029465.D

Acq: 26 Oct 2017 6:20

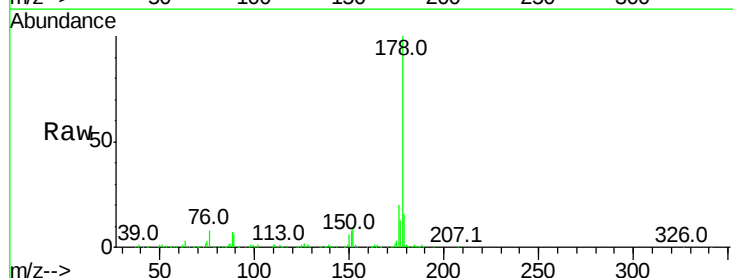
Tgt Ion:178 Resp: 187233

Ion Ratio Lower Upper

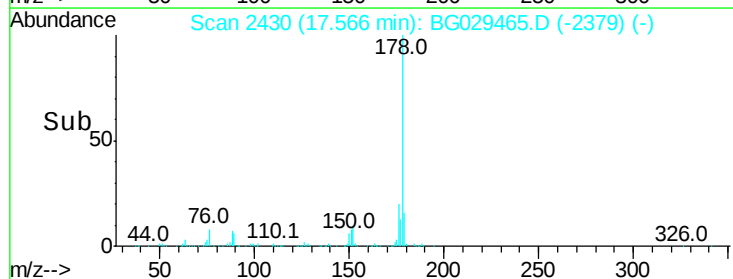
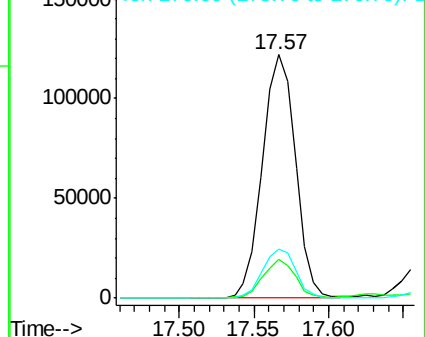
178 100

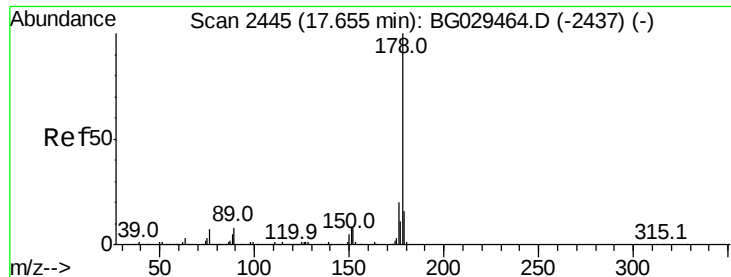
179 16.1 13.0 19.6

176 20.0 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

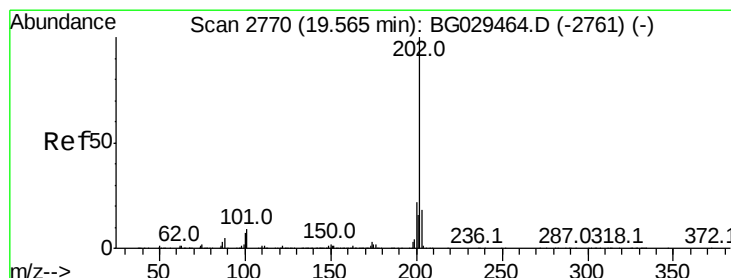
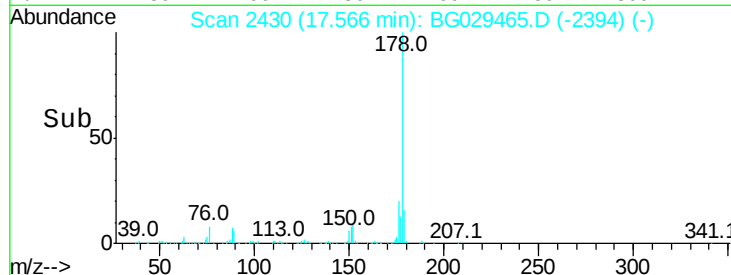
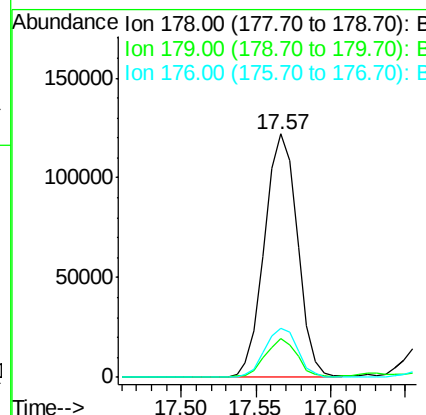
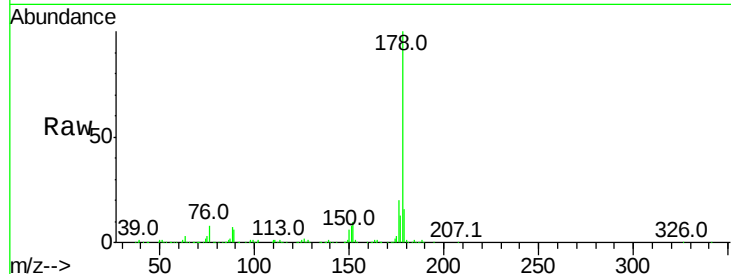




#71
 Anthracene
 Concen: 6.029 ng/ul
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.09 min
 Lab File: BG029465.D
 Acq: 26 Oct 2017 6:20

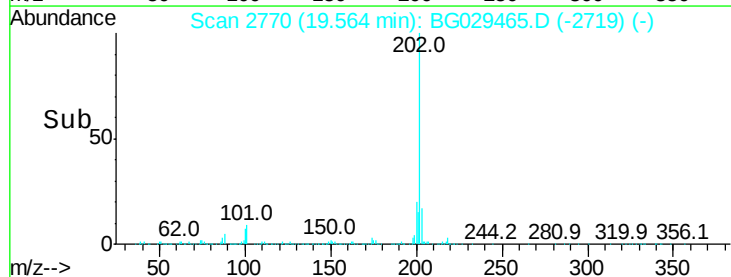
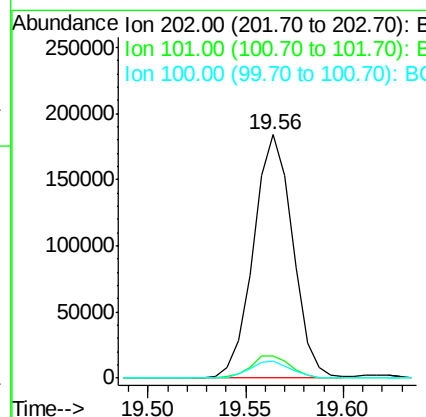
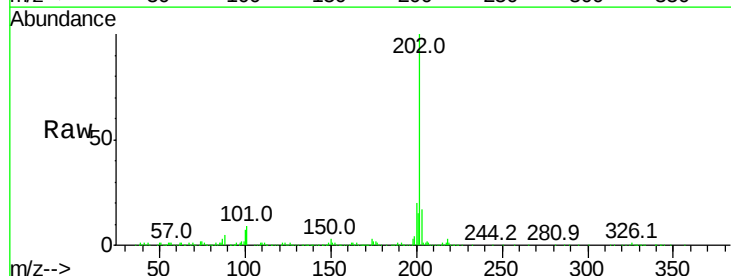
Instrument :
 BNA_G
 ClientSampleId :

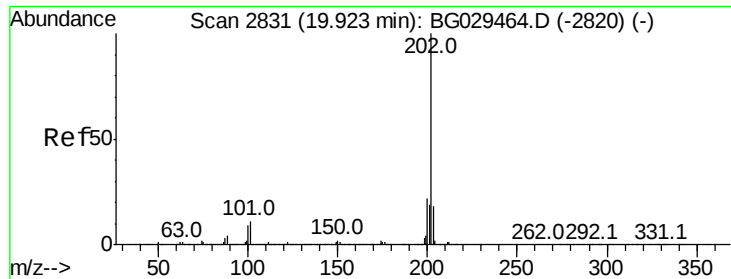
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.2	19.8
176	20.0	16.0	24.0



#74
 Fluoranthene
 Concen: 7.579 ng/ul
 RT: 19.56 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: BG029465.D
 Acq: 26 Oct 2017 6:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.4	11.2
100	7.2	5.6	8.4

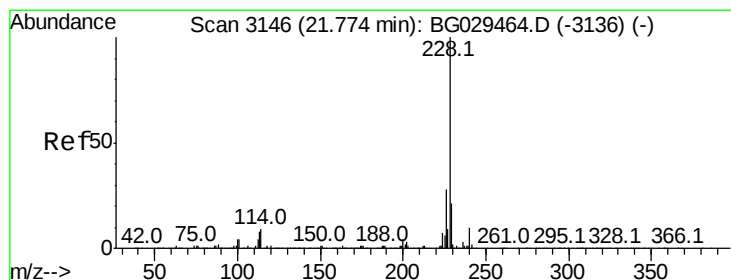
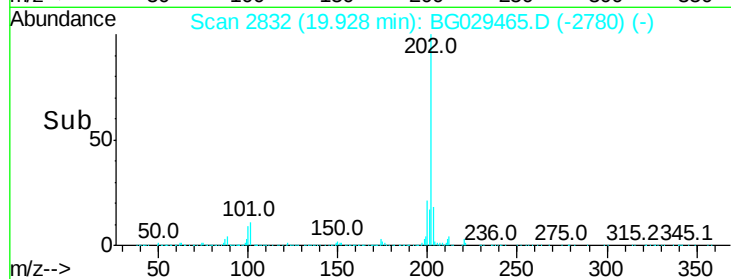
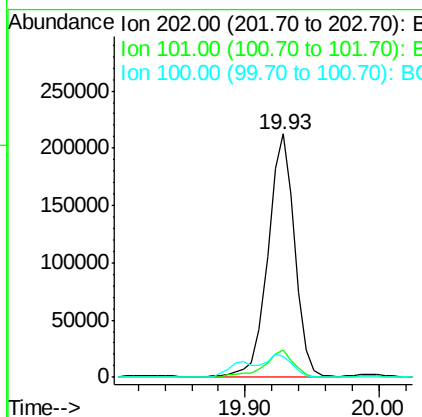
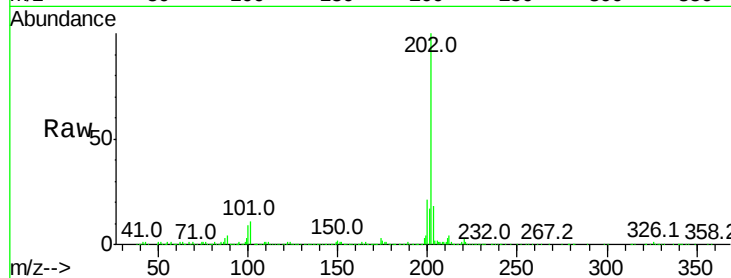




#77
 Pvrene
 Concen: 7.429 ng/ul
 RT: 19.93 min Scan# 2832
 Delta R.T. 0.01 min
 Lab File: BG029465.D
 Acq: 26 Oct 2017 6:20

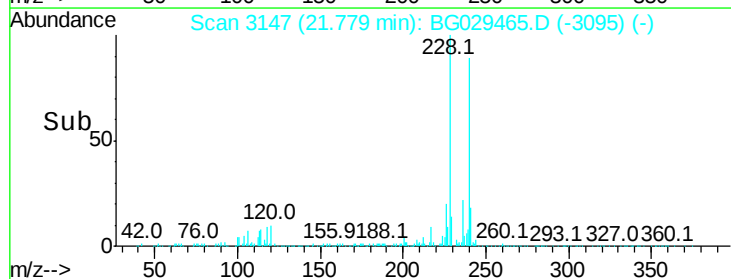
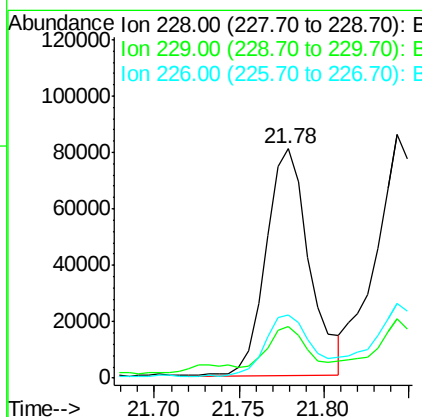
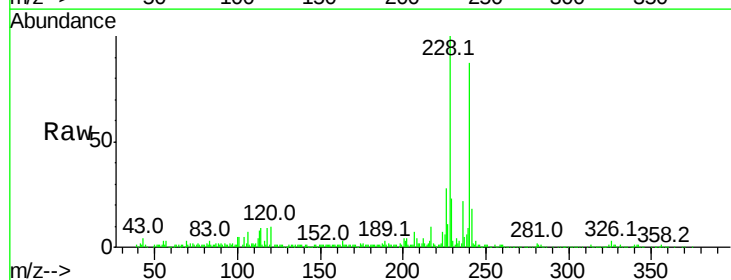
Instrument :
 BNA_G
 ClientSampleId :

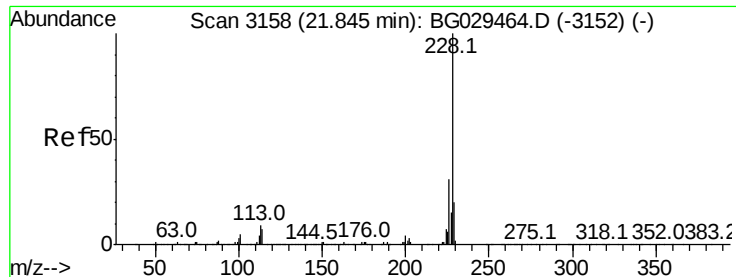
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.4	12.6
100	8.6	7.0	10.6



#80
 Benzo(a)anthracene
 Concen: 3.892 ng/ul
 RT: 21.78 min Scan# 3147
 Delta R.T. 0.00 min
 Lab File: BG029465.D
 Acq: 26 Oct 2017 6:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.2	24.4
226	27.7	22.2	33.2





#82

Chrysene

Concen: 4.315 ng/ul

RT: 21.78 min Scan# 3147

Delta R.T. -0.07 min

Lab File: BG029465.D

Acq: 26 Oct 2017 6:20

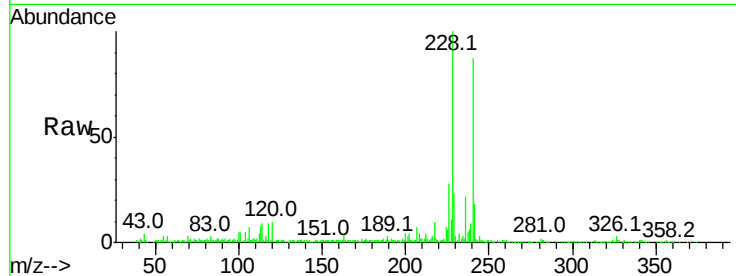
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 144955

Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.2	36.2
229	22.6	15.2	22.8

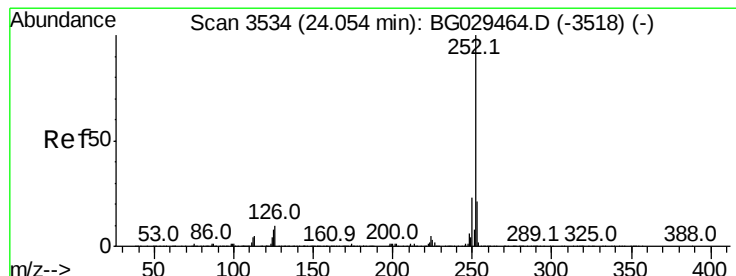
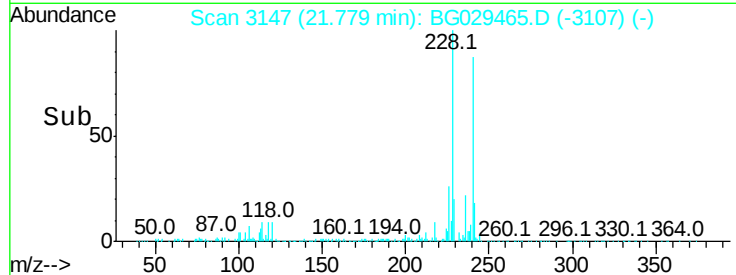
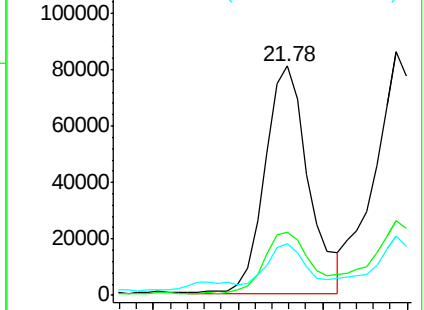


Abundance

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: 4.779 ng/ul

RT: 24.06 min Scan# 3535

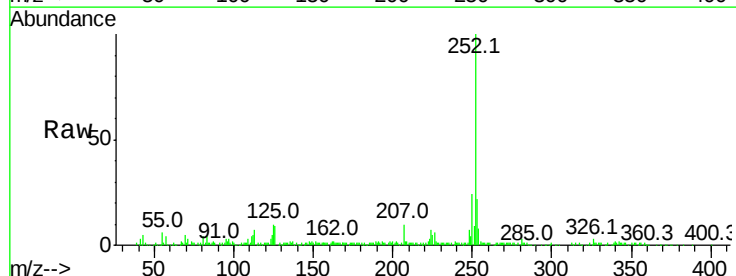
Delta R.T. 0.00 min

Lab File: BG029465.D

Acq: 26 Oct 2017 6:20

Tgt Ion:252 Resp: 170882

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.4
125	9.9	7.5	11.3

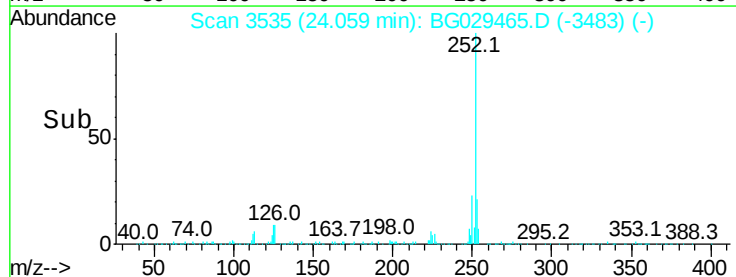
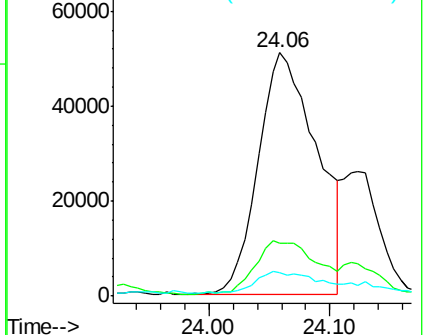


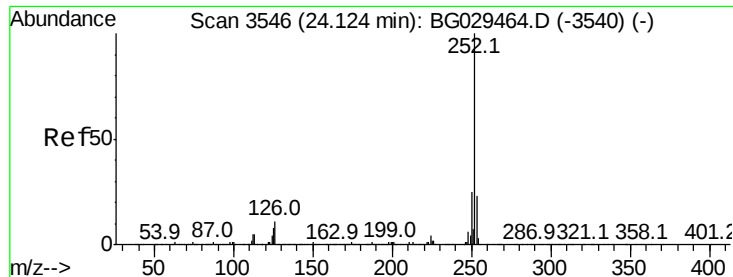
Abundance

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: 4.943 ng/ul

RT: 24.06 min Scan# 3535

Delta R.T. -0.07 min

Lab File: BG029465.D

Acq: 26 Oct 2017 6:20

Instrument :

BNA_G

ClientSampleId :

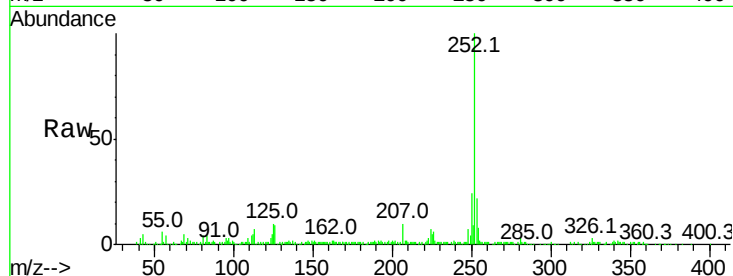
Tot Ion:252 Resp: 170882

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

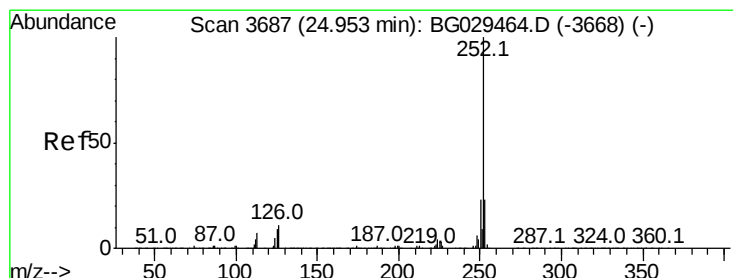
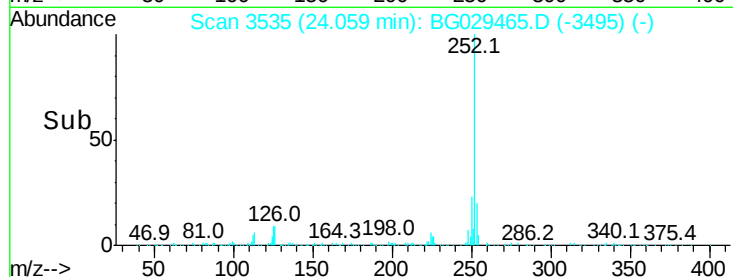
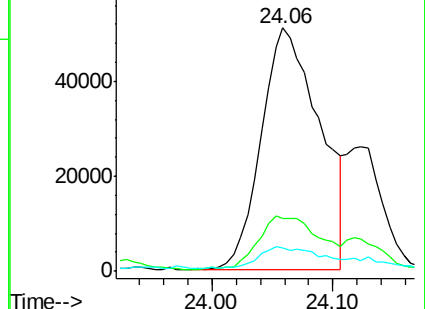
125 9.9 7.8 11.8



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: 3.579 ng/ul

RT: 24.96 min Scan# 3689

Delta R.T. 0.01 min

Lab File: BG029465.D

Acq: 26 Oct 2017 6:20

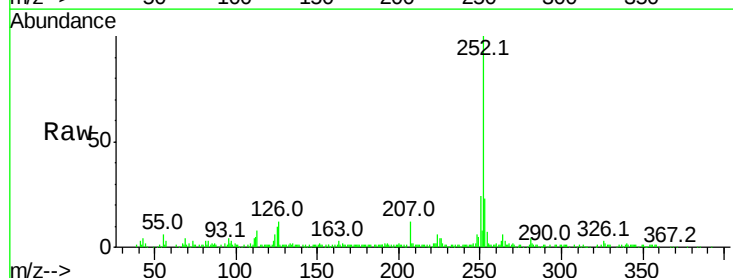
Tgt Ion:252 Resp: 124582

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

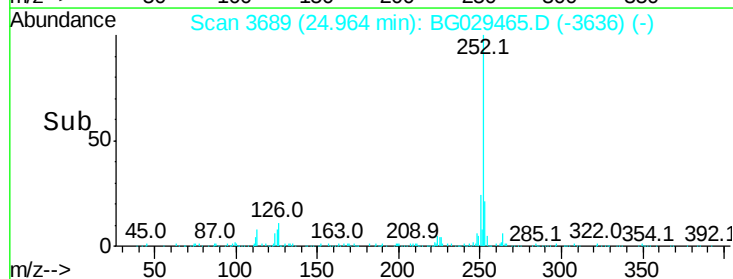
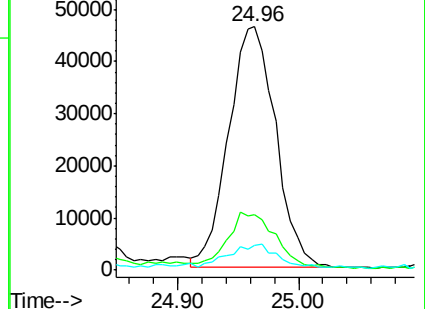
125 10.3 7.8 11.8

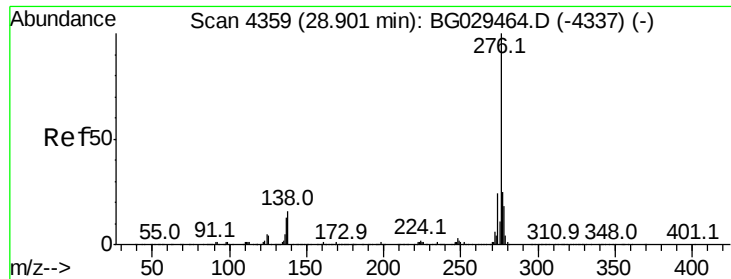


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



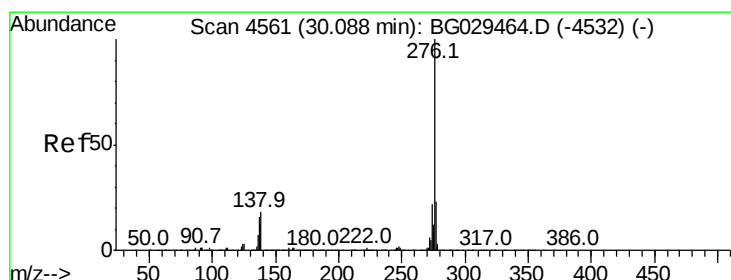
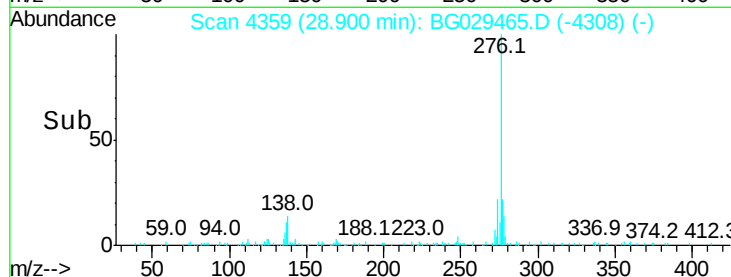
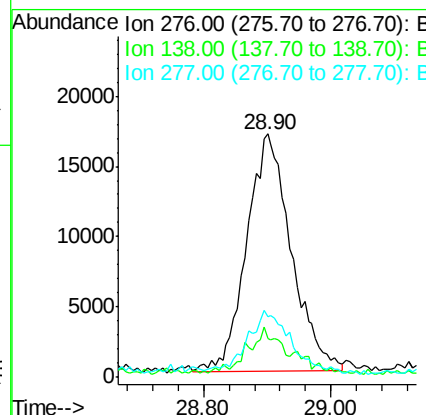
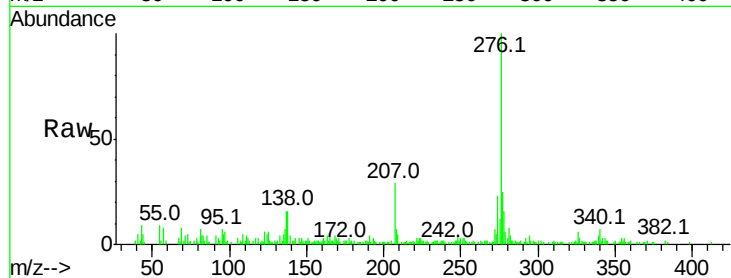


#89

Indeno(1,2,3-cd)pyrene
Concen: 2.087 ng/ul
RT: 28.90 min Scan# 4359
Delta R.T. -0.00 min
Lab File: BG029465.D
Acq: 26 Oct 2017 6:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.7	13.4	20.0
277	24.6	18.6	28.0



#91

Benzo(g,h,i)perylene
Concen: 2.141 ng/ul
RT: 30.09 min Scan# 4562
Delta R.T. 0.01 min
Lab File: BG029465.D
Acq: 26 Oct 2017 6:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.0	12.1	18.1
277	27.4	17.7	26.5

