

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
 Data File : BG025134.D
 Acq On : 13 Dec 2016 3:59
 Operator : UM/SJ
 Sample : H5990-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BACKGROUND03-0106-03

Quant Time: Dec 13 06:26:02 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 13 06:23:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	98871	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	468695	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	385505	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	789987	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	910327	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	925168	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	9868	5.16	ng/uL	0.00
5) Phenol-d5	7.39	99	249901	29.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	167898	31.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	181562	30.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	221170	31.03	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	101360	30.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	118193	28.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	218965	27.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	38817	4.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	735060	27.72	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	835489	28.76	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	115293	25.30	ng/ul	0.00
57) Fluorene-d10	15.85	176	667520	26.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	133806	27.39	ng/ul	0.00
70) Anthracene-d10	17.70	188	942088	28.25	ng/ul	0.00
76) Pyrene-d10	19.98	212	1091766	29.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	1065395	28.42	ng/ul	0.00

Target Compounds

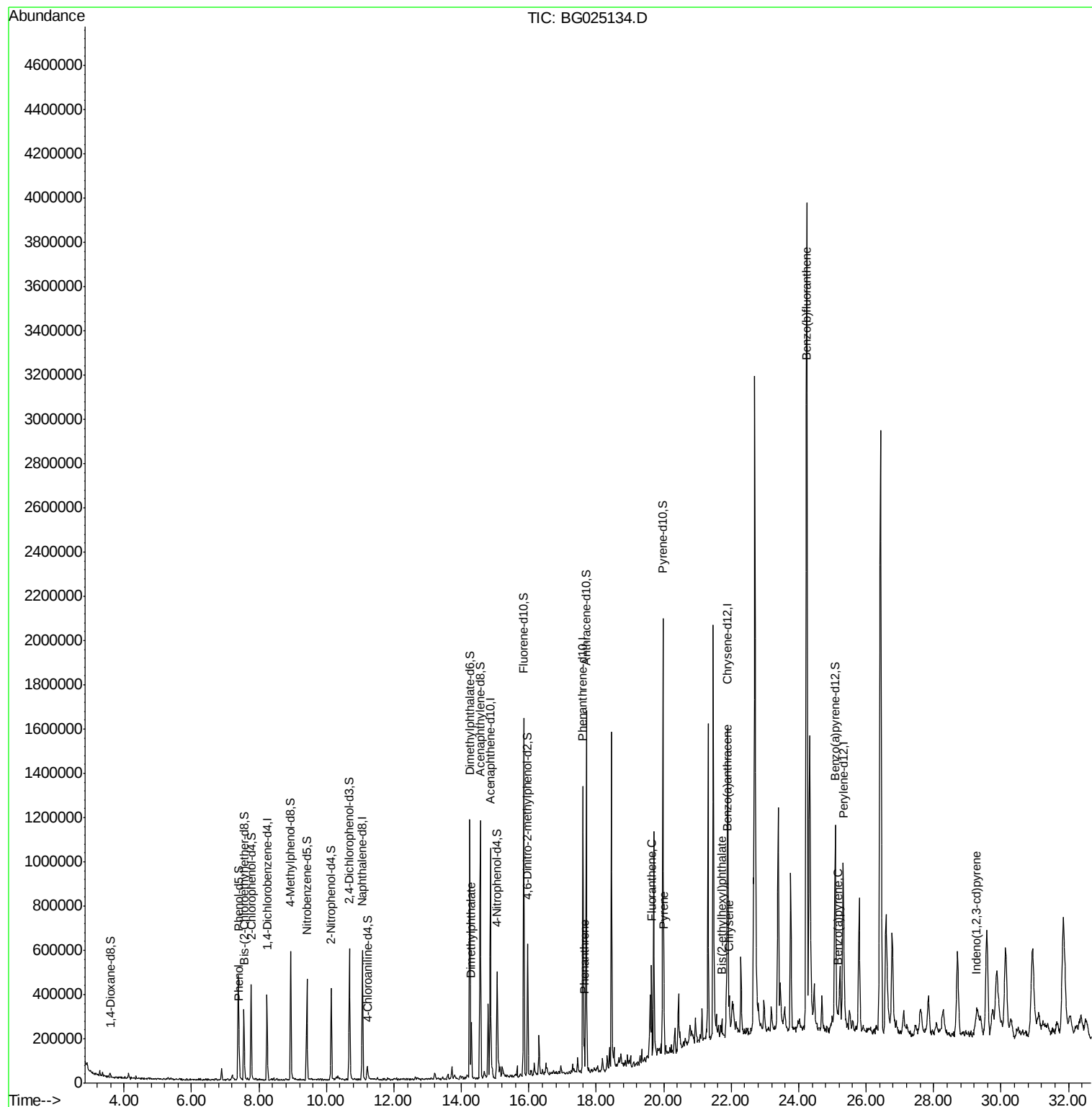
						Qvalue
6) Phenol	7.42	94	48662	5.56	ng/ul	94
44) Dimethylphthalate	14.30	163	146947	5.64	ng/ul	96
69) Phenanthrene	17.64	178	94654	2.51	ng/ul	94
74) Fluoranthene	19.64	202	233020	5.20	ng/ul	99
77) Pyrene	20.01	202	199644	4.56	ng/ul#	95
80) Benzo(a)anthracene	21.87	228	99995	2.11	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.73	149	28071	1.19	ng/ul#	97
82) Chrysene	21.95	228	134601	3.04	ng/ul	96
85) Benzo(b)fluoranthene	24.22	252	180793	3.94	ng/ul#	83
88) Benzo(a)pyrene	25.15	252	103402	2.34	ng/ul#	85
89) Indeno(1,2,3-cd)pyrene	29.25	276	75230	1.37	ng/ul	96

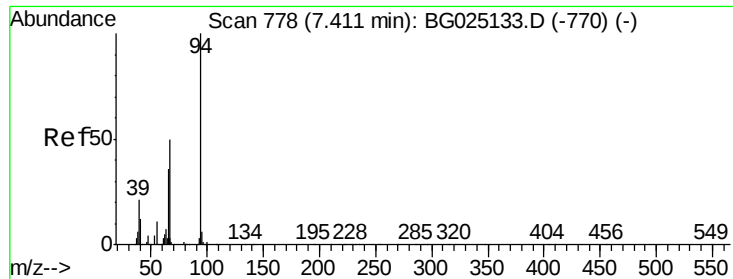
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.56 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG025134.D

Acq: 13 Dec 2016 3:59

Instrument :

BNA_G

ClientSampleId :

BACKGROUND03-0106-03

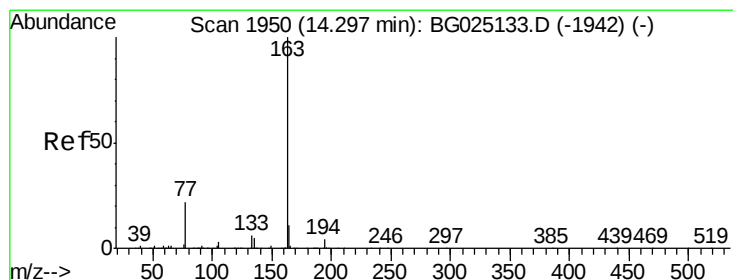
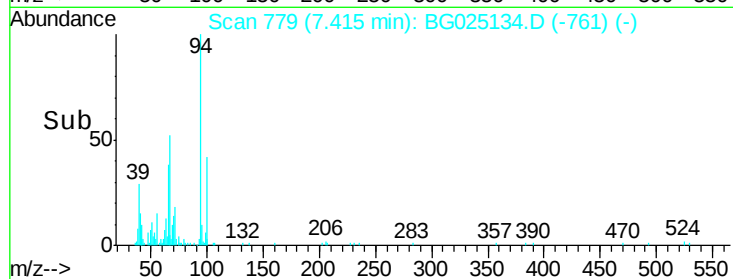
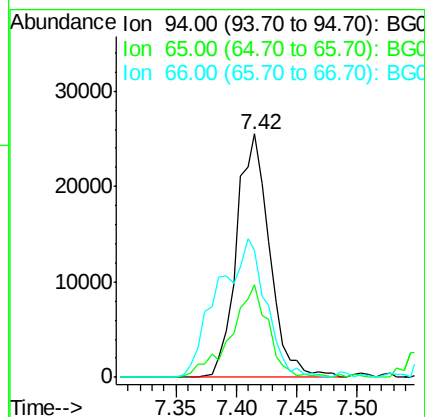
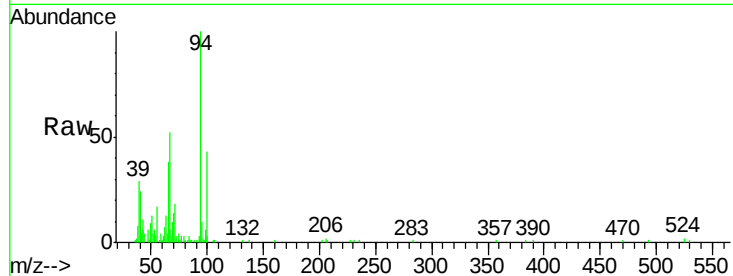
Tgt Ion: 94 Resp: 48662

Ion Ratio Lower Upper

94 100

65 37.8 26.8 40.2

66 52.1 44.4 66.6



#44

Dimethylphthalate

Concen: 5.64 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025134.D

Acq: 13 Dec 2016 3:59

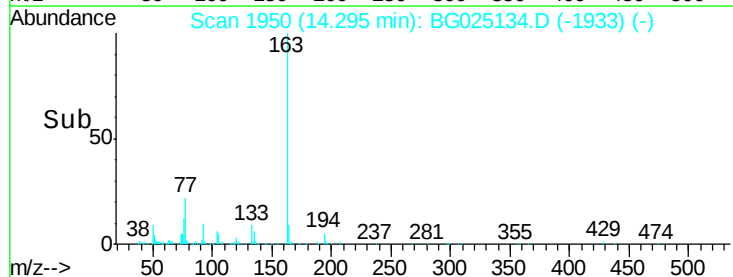
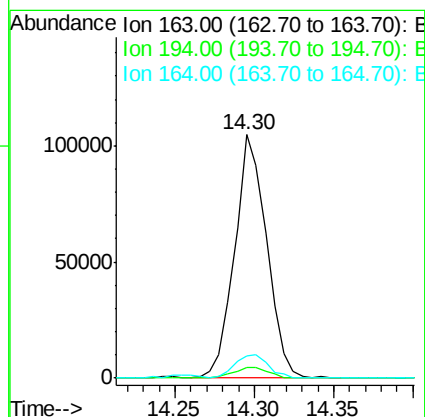
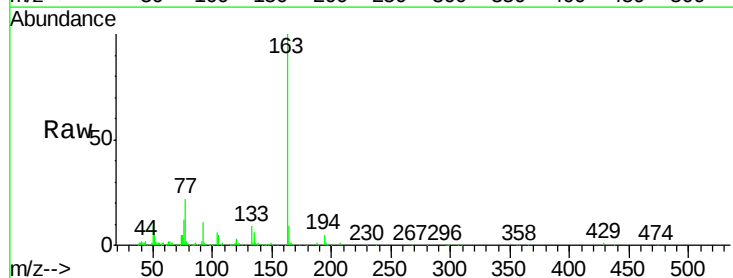
Tgt Ion: 163 Resp: 146947

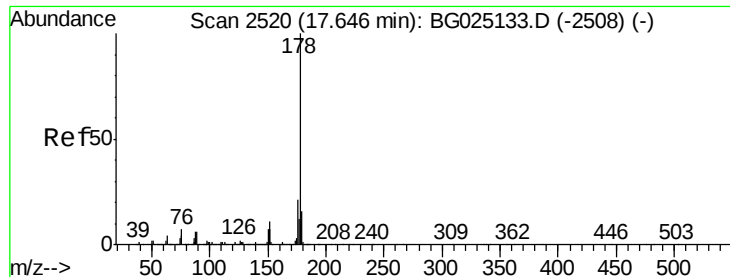
Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

164 9.2 9.0 13.4





#69

Phenanthrene

Concen: 2.51 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BG025134.D

Acq: 13 Dec 2016 3:59

Instrument :

BNA_G

ClientSampleId :

BACKGROUND03-0106-03

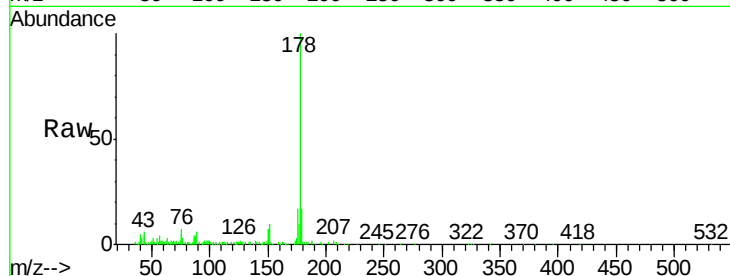
Tgt Ion:178 Resp: 94654

Ion Ratio Lower Upper

178 100

179 17.0 12.4 18.6

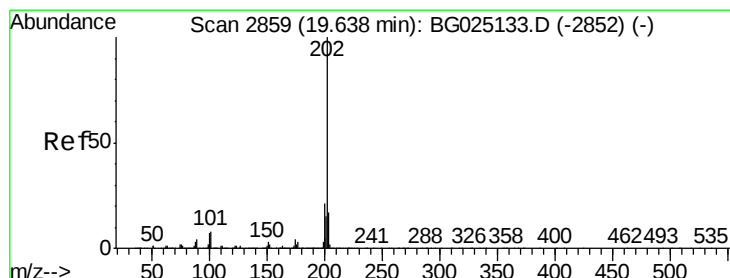
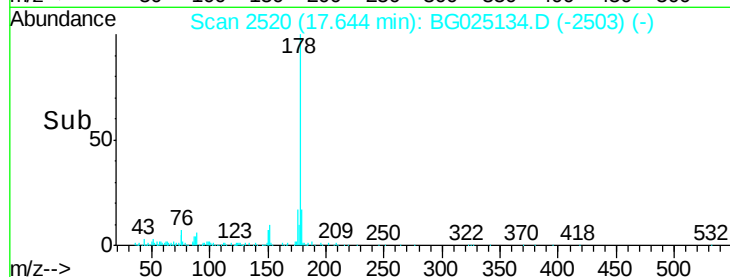
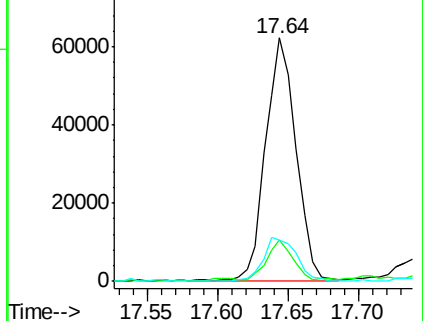
176 16.8 16.5 24.7



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: 5.20 ng/ul

RT: 19.64 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG025134.D

Acq: 13 Dec 2016 3:59

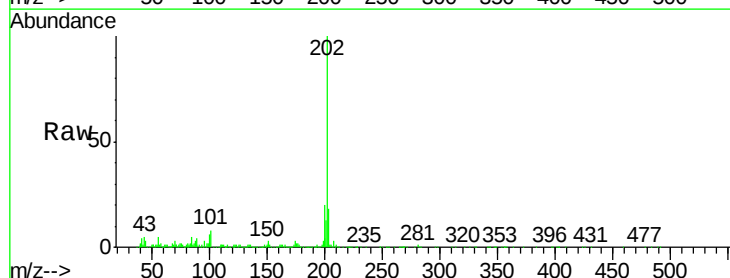
Tgt Ion:202 Resp: 233020

Ion Ratio Lower Upper

202 100

101 8.0 6.2 9.2

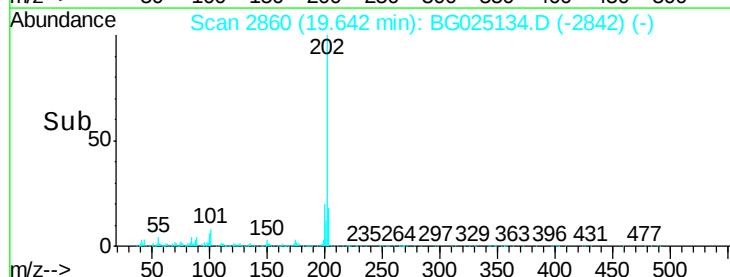
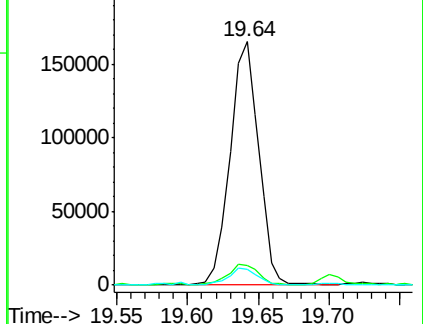
100 6.4 5.2 7.8

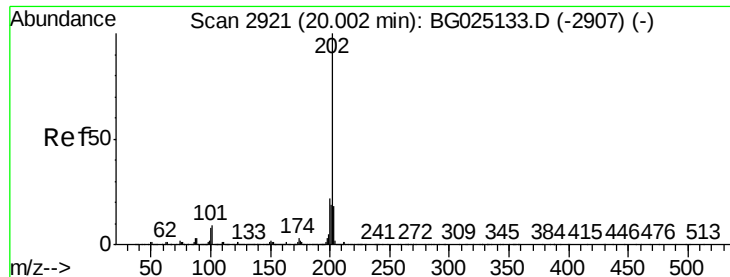


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 4.56 ng/ul

RT: 20.01 min Scan# 2922

Delta R.T. 0.00 min

Lab File: BG025134.D

Acq: 13 Dec 2016 3:59

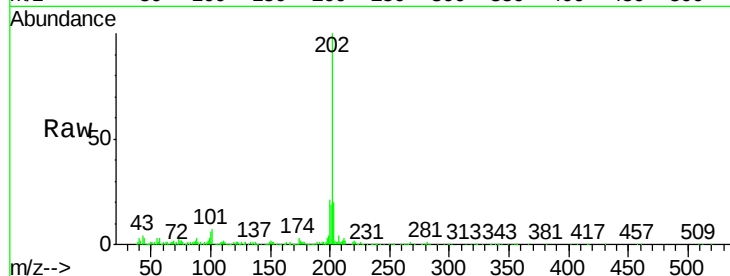
Instrument :

BNA_G

ClientSampleId :

BACKGROUND03-0106-03

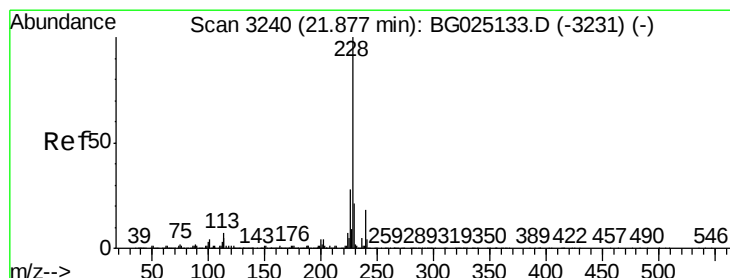
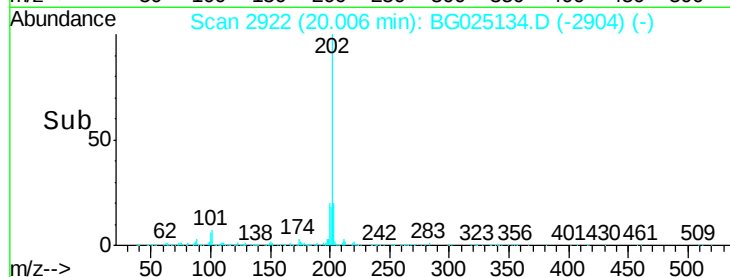
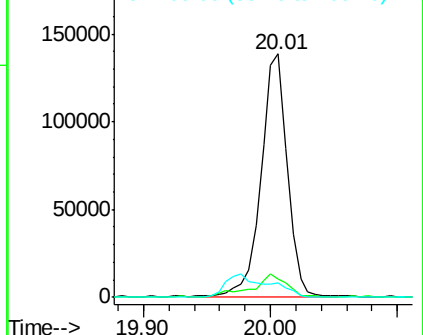
Tgt Ion:	202	Resp:	199644
Ion Ratio	Lower	Upper	
202	100		
101	7.3	6.9	10.3
100	5.8	6.6	10.0#



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: 2.11 ng/ul

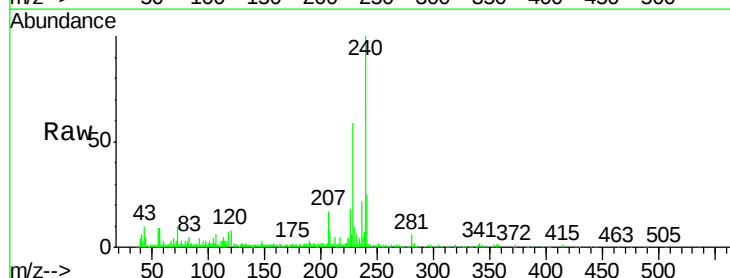
RT: 21.87 min Scan# 3240

Delta R.T. -0.00 min

Lab File: BG025134.D

Acq: 13 Dec 2016 3:59

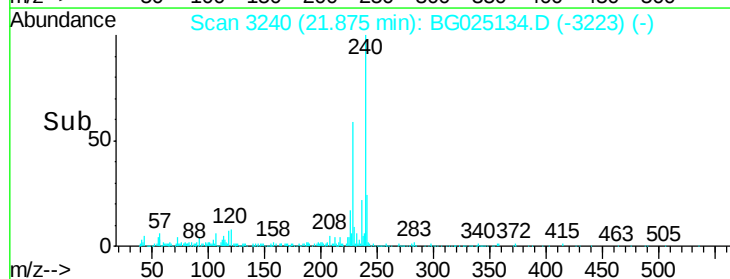
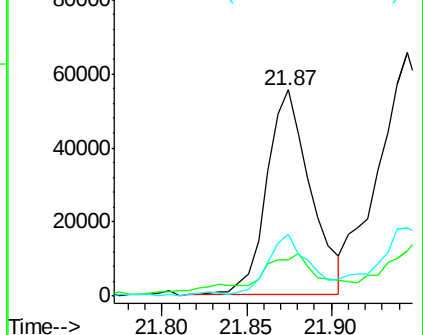
Tgt Ion:	228	Resp:	99995
Ion Ratio	Lower	Upper	
228	100		
229	17.9	16.3	24.5
226	29.9	21.9	32.9

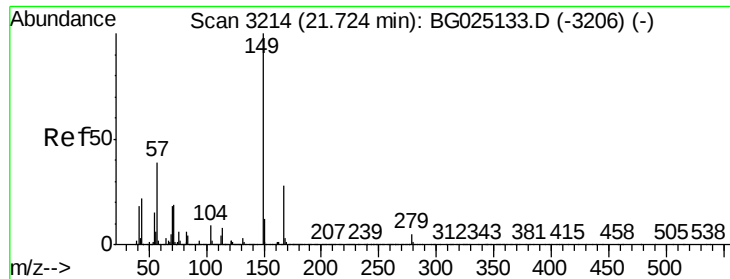


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.19 ng/ul

RT: 21.73 min Scan# 3215

Delta R.T. 0.00 min

Lab File: BG025134.D

Acq: 13 Dec 2016 3:59

Instrument :

BNA_G

ClientSampleId :

BACKGROUND03-0106-03

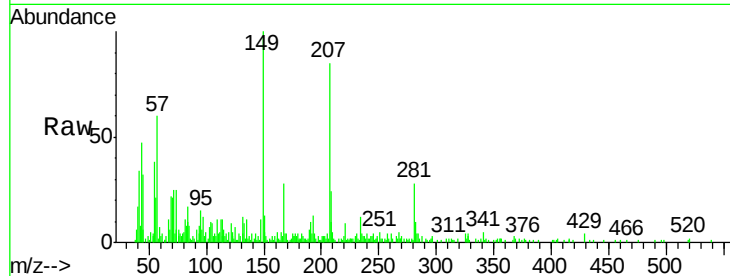
Tgt Ion:149 Resp: 28071

Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

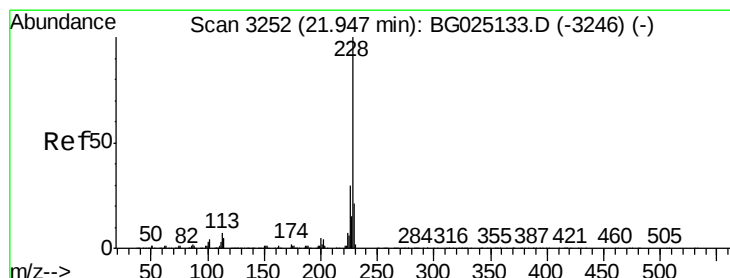
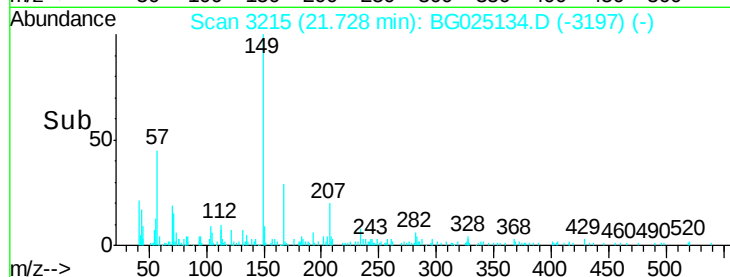
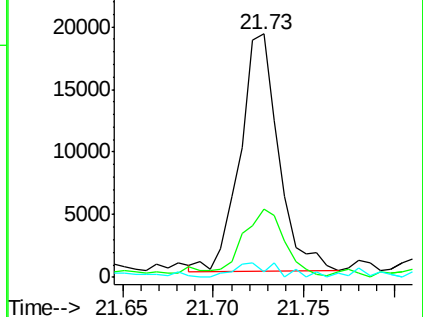
279 2.1 4.5 6.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 3.04 ng/ul

RT: 21.95 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BG025134.D

Acq: 13 Dec 2016 3:59

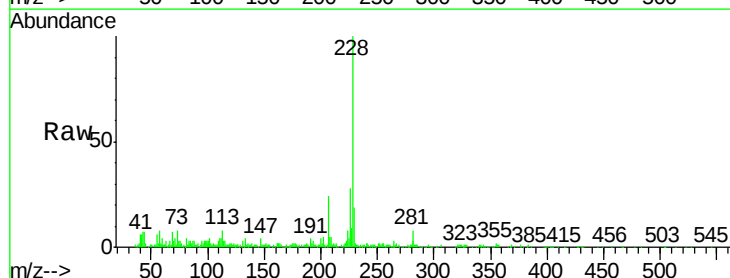
Tgt Ion:228 Resp: 134601

Ion Ratio Lower Upper

228 100

226 28.2 24.0 36.0

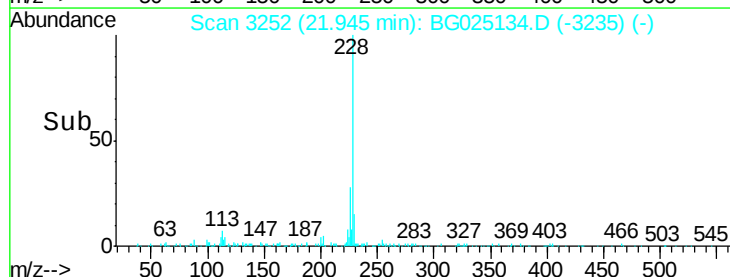
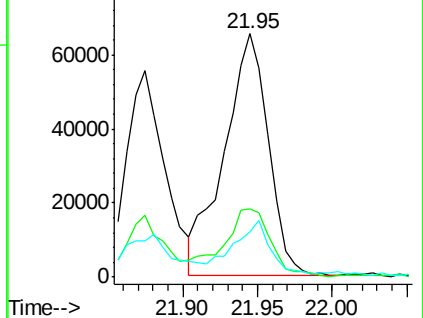
229 18.7 16.9 25.3

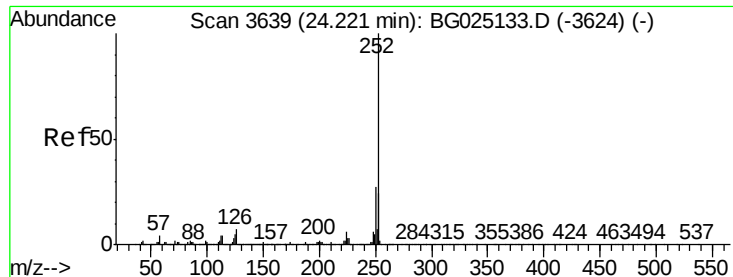


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 3.94 ng/ul

RT: 24.22 min Scan# 3639

Delta R.T. -0.00 min

Lab File: BG025134.D

Acq: 13 Dec 2016 3:59

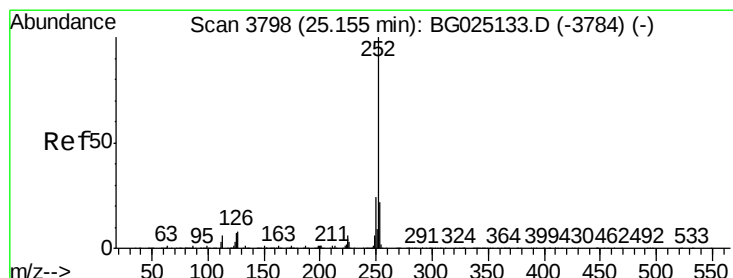
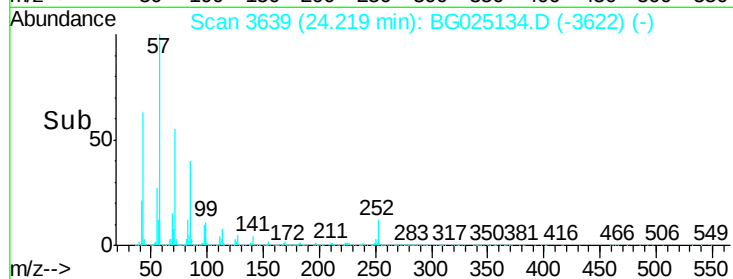
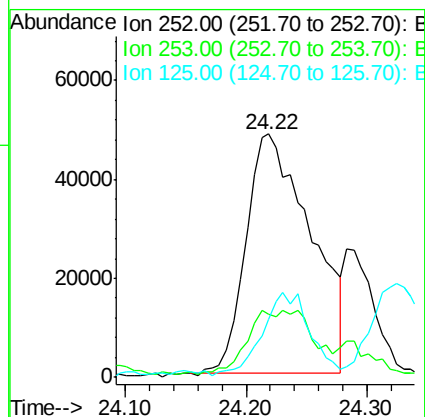
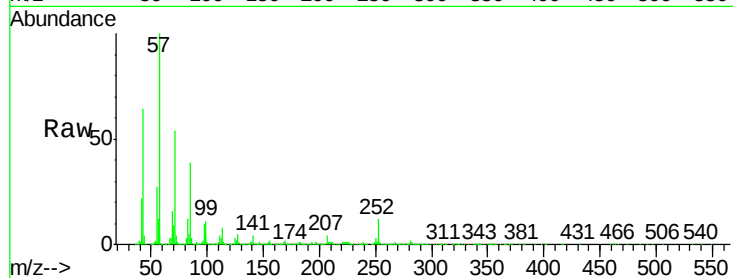
Instrument :

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Tgt Ion:	252	Resp:	180793
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.7	26.5
125	23.8	4.0	6.0#



#88

Benzo(a)pyrene

Concen: 2.34 ng/ul

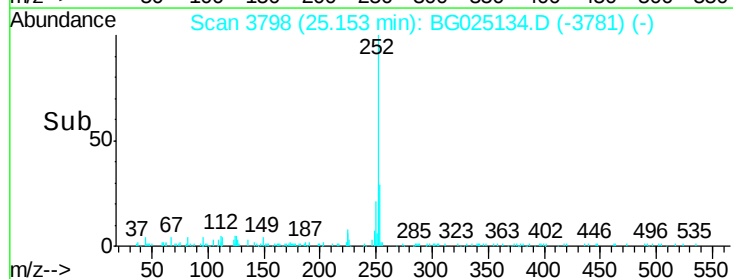
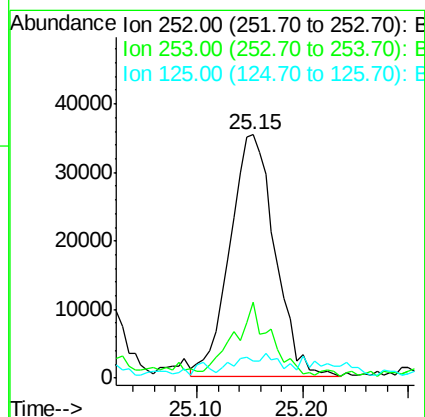
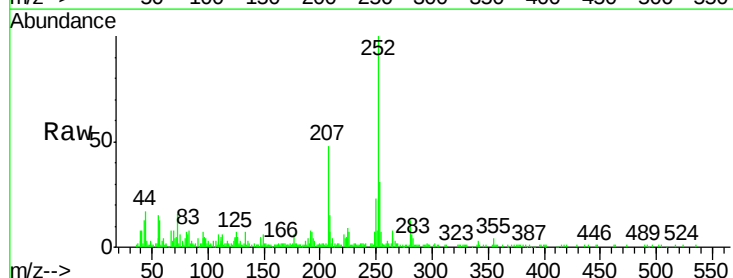
RT: 25.15 min Scan# 3798

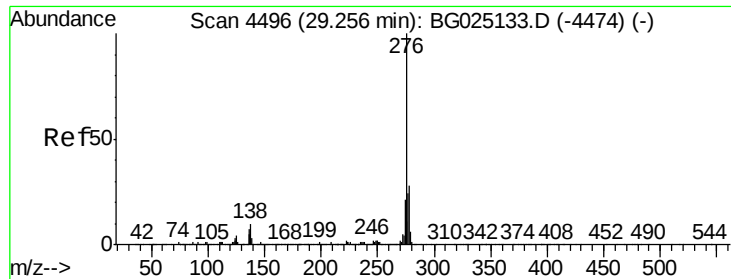
Delta R.T. -0.00 min

Lab File: BG025134.D

Acq: 13 Dec 2016 3:59

Tgt Ion:	252	Resp:	103402
Ion Ratio	Lower	Upper	
252	100		
253	31.4	17.8	26.6#
125	6.9	5.4	8.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.37 ng/ul

RT: 29.25 min Scan# 4495

Delta R.T. -0.01 min

Lab File: BG025134.D

Acq: 13 Dec 2016 3:59

Instrument :

BNA_G

ClientSampleId :

BACKGROUND03-0106-03

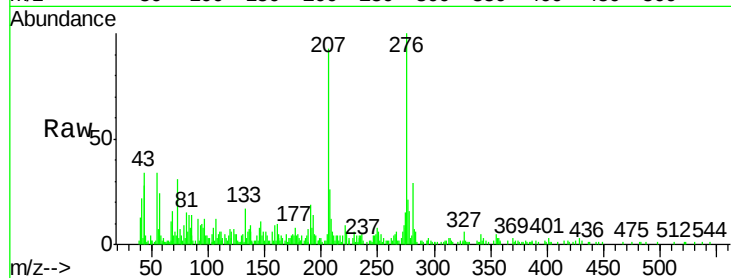
Tgt Ion:276 Resp: 75230

Ion Ratio Lower Upper

276 100

138 11.4 8.2 12.4

277 21.4 18.6 28.0



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

