

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021844.D
 Acq On : 11 May 2016 14:59
 Operator : UM/SJ
 Sample : H2937-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X90

Quant Time: May 12 04:49:20 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 04:46:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	80118	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	443365	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	270650	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	575365	20.00	ng/ul	0.00
76) Chrysene-d12	21.84	240	566071	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	557134	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	4179	2.52	ng/uL	0.00
5) Phenol-d5	7.33	99	95445	16.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	205	0.07	ng/ul	0.15
9) 2-Chlorophenol-d4	7.71	132	88619	19.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	83616	16.75	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	45814	15.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	47559	25.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	92102	17.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	90943	16.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	313689	16.50	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	431828	16.00	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	32574	10.00	ng/ul	0.00
58) Fluorene-d10	15.79	176	293736	14.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	34023	21.35	ng/ul	0.00
71) Anthracene-d10	17.65	188	417628	14.91	ng/ul	0.00
77) Pyrene-d10	19.92	212	433180	16.35	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	398807	15.07	ng/ul	0.00

Target Compounds

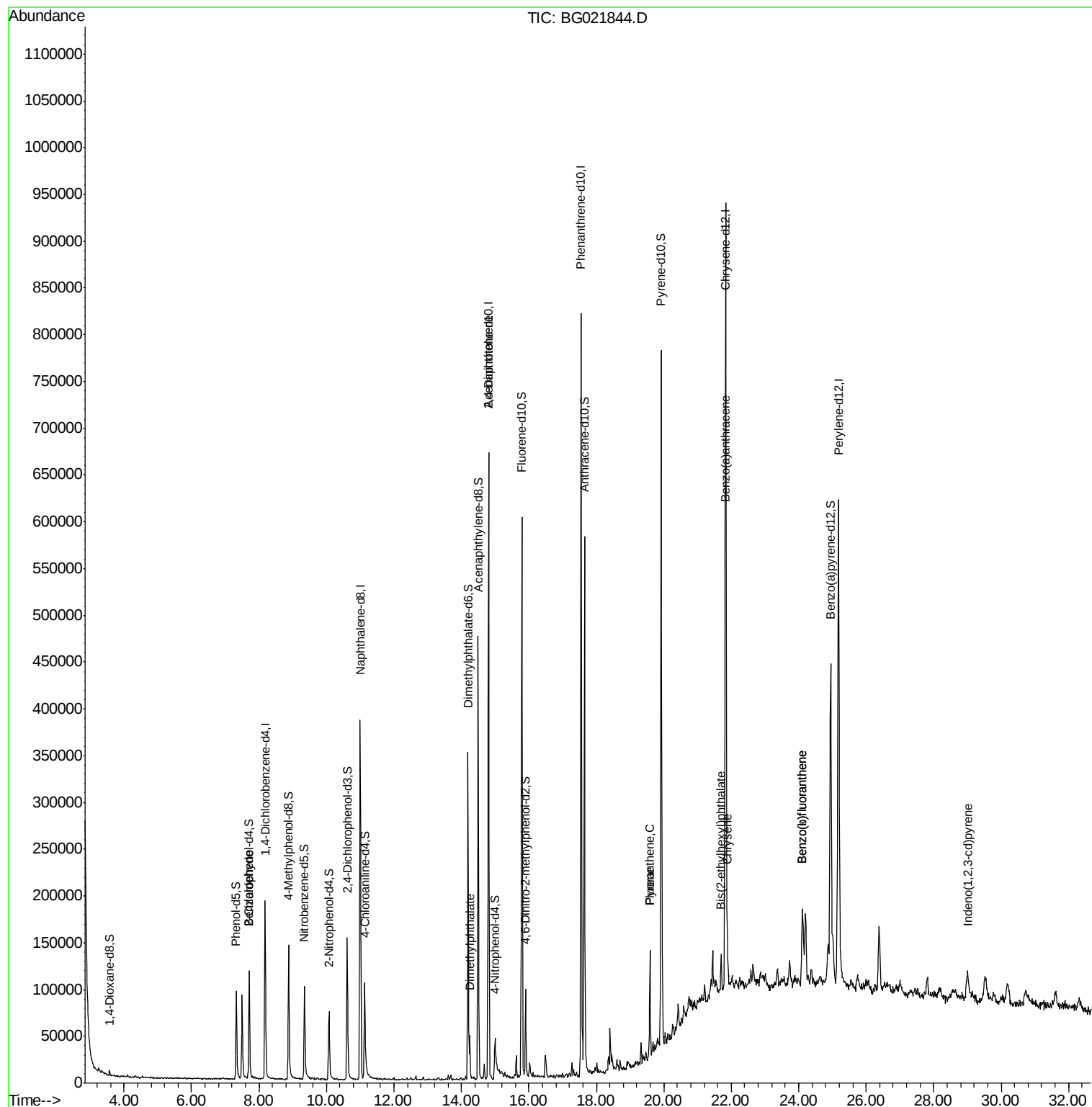
						Ovalue
4) Benzaldehyde	7.71	77	1484	2.30	ng/ul#	76
45) Dimethylphthalate	14.24	163	37829	1.95	ng/ul	99
55) 2,4-Dinitrotoluene	14.80	165	34810	6.58	ng/ul#	25
75) Fluoranthene	19.58	202	76816	2.15	ng/ul#	93
78) Pyrene	19.58	202	76757	2.34	ng/ul	96
81) Benzo(a)anthracene	21.81	228	50310	1.60	ng/ul	93
82) Bis(2-ethylhexyl)phthalate	21.70	149	18519	1.57	ng/ul	96
83) Chrysene	21.88	228	62160	1.99	ng/ul	99
86) Benzo(b)fluoranthene	24.11	252	104971	3.29	ng/ul#	93
87) Benzo(k)fluoranthene	24.11	252	104971	3.07	ng/ul#	93
90) Indeno(1,2,3-cd)pyrene	29.00	276	49491	1.32	ng/ul#	93

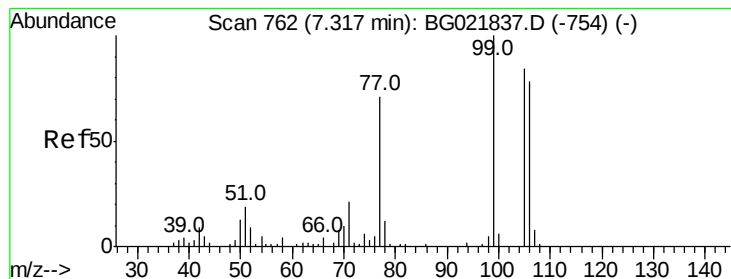
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.30 ng/ul

RT: 7.71 min Scan# 829

Delta R.T. 0.39 min

Lab File: BG021844.D

Acq: 11 May 2016 14:59

Instrument :

BNA_G

ClientSampled :

D9X90

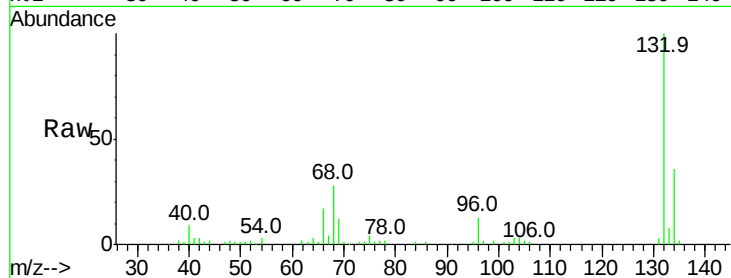
Tot Ion: 77 Resp: 1484

Ion Ratio Lower Upper

77 100

105 104.3 68.5 102.7#

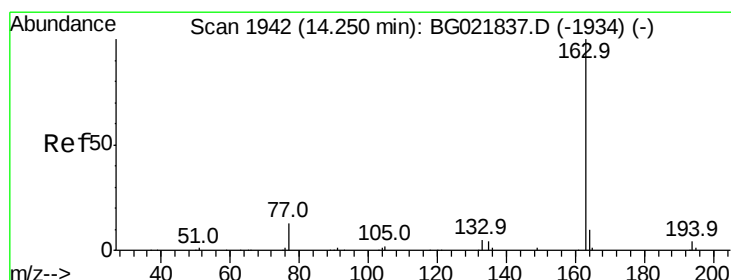
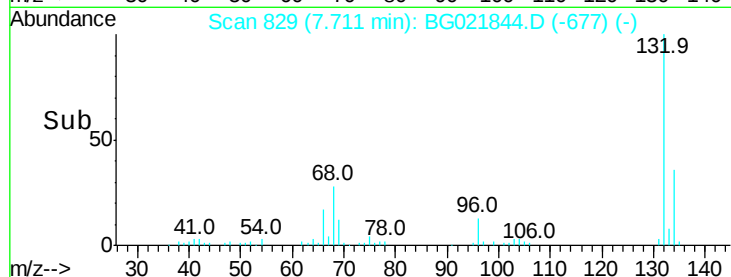
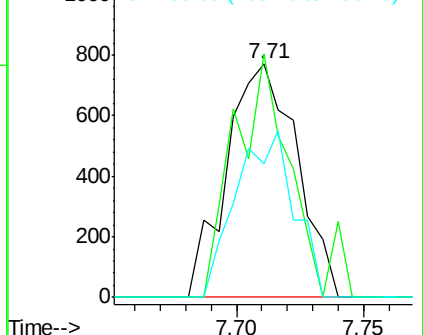
106 57.3 65.0 97.4#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#45

Dimethylphthalate

Concen: 1.95 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG021844.D

Acq: 11 May 2016 14:59

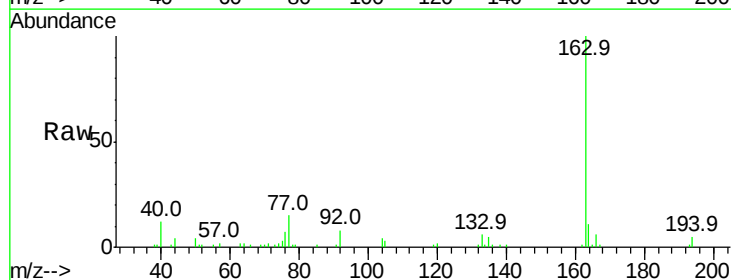
Tgt Ion: 163 Resp: 37829

Ion Ratio Lower Upper

163 100

194 5.1 3.9 5.9

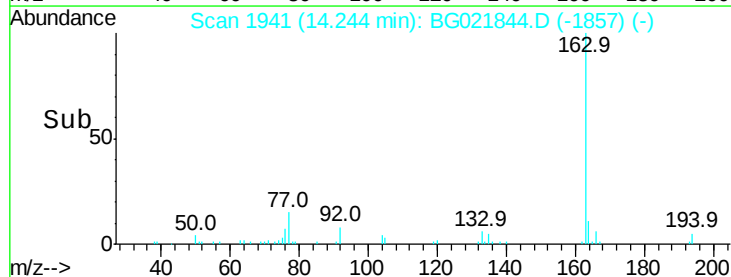
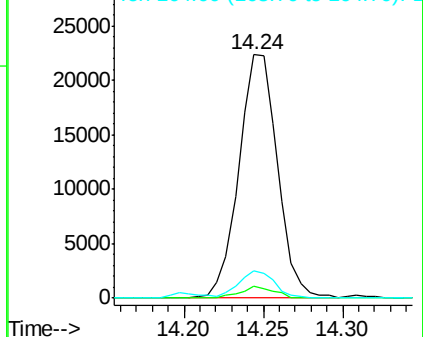
164 11.3 8.7 13.1

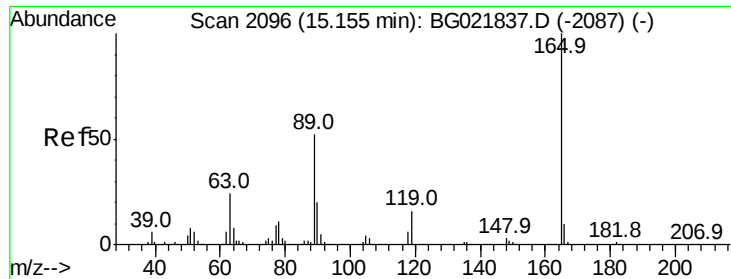


Abundance Ion 163.00 (162.70 to 163.70): BGC

Ion 194.00 (193.70 to 194.70): BGC

Ion 164.00 (163.70 to 164.70): BGC

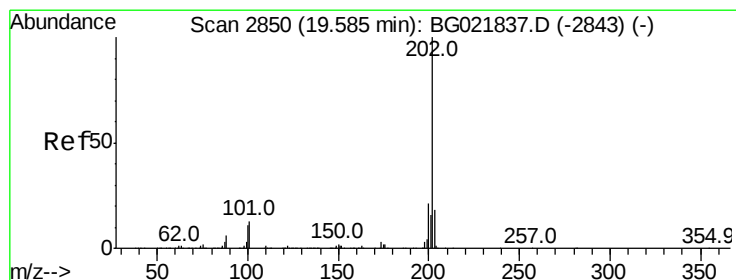
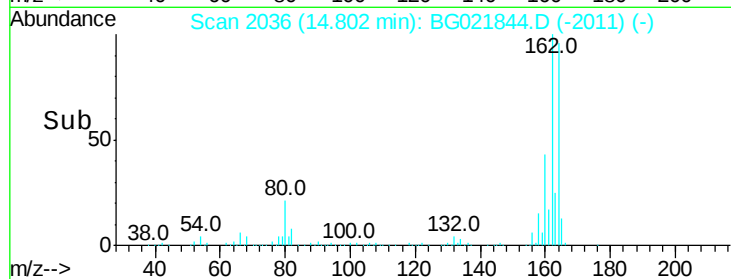
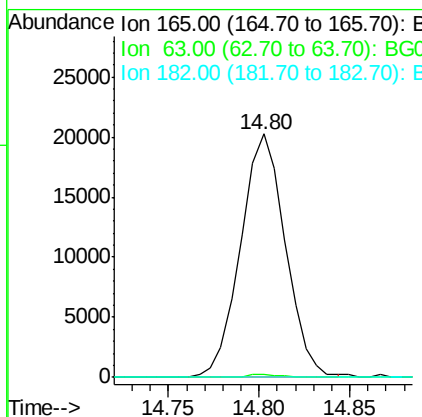
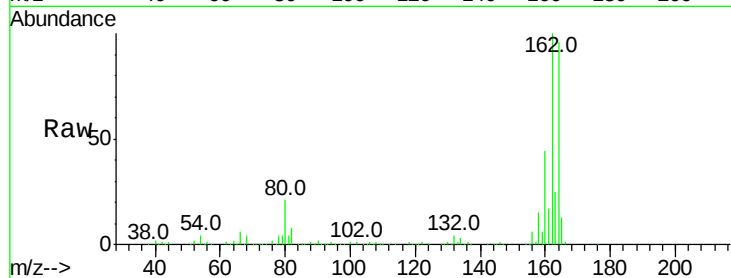




#55
 2,4-Dinitrotoluene
 Concen: 6.58 ng/ul
 RT: 14.80 min Scan# 2036
 Delta R.T. -0.35 min
 Lab File: BG021844.D
 Acq: 11 May 2016 14:59

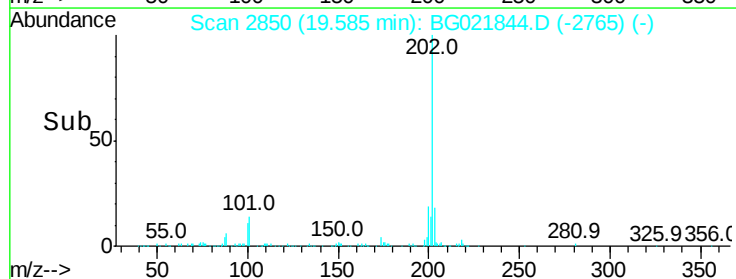
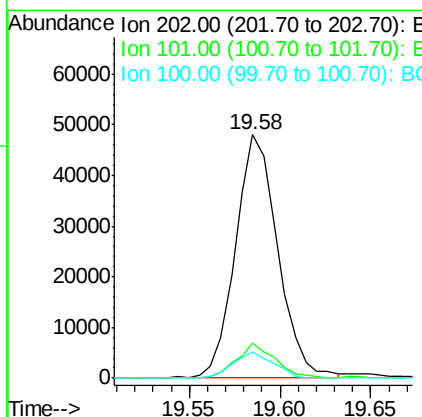
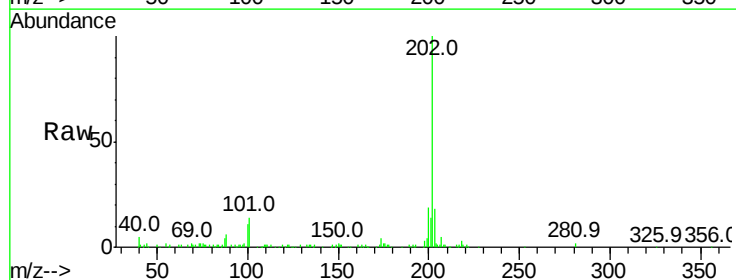
Instrument :
 BNA_G
 ClientSampleId :
 D9X90

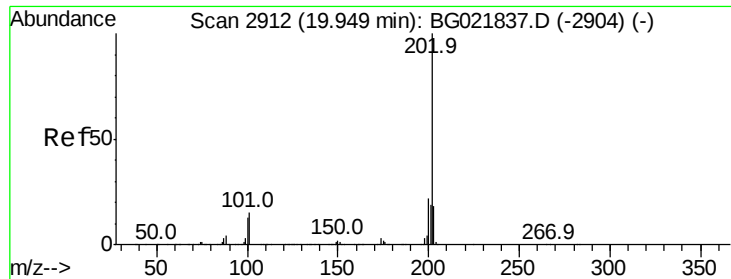
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.1	72.1#
182	0.0	2.2	3.2#



#75
 Fluoranthene
 Concen: 2.15 ng/ul
 RT: 19.58 min Scan# 2850
 Delta R.T. 0.00 min
 Lab File: BG021844.D
 Acq: 11 May 2016 14:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	8.9	13.3#
100	10.8	7.0	10.4#

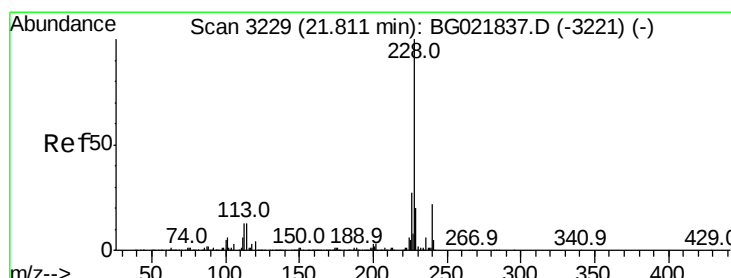
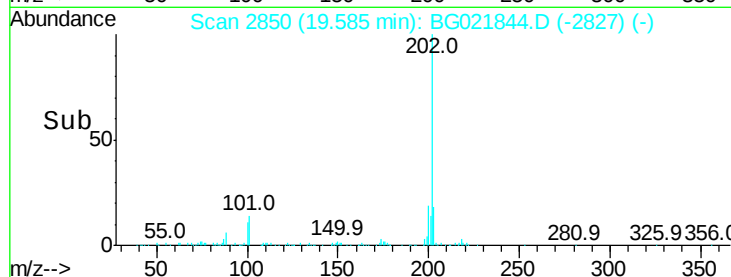
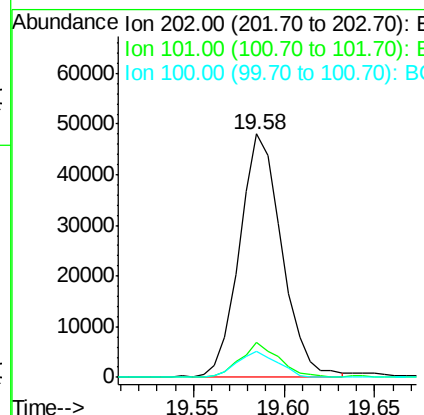
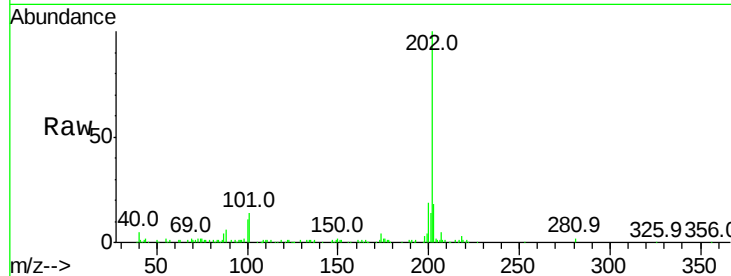




#78
Pvrene
Concen: 2.34 ng/ul
RT: 19.58 min Scan# 2850
Delta R.T. -0.36 min
Lab File: BG021844.D
Acq: 11 May 2016 14:59

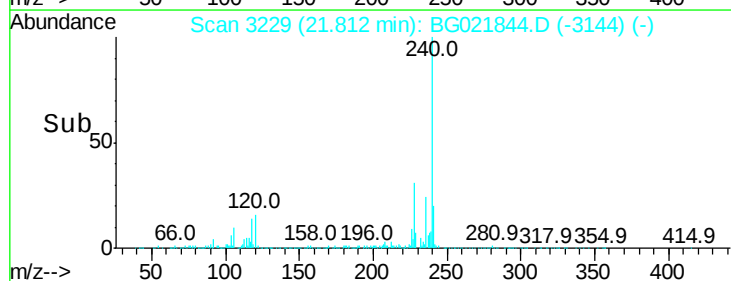
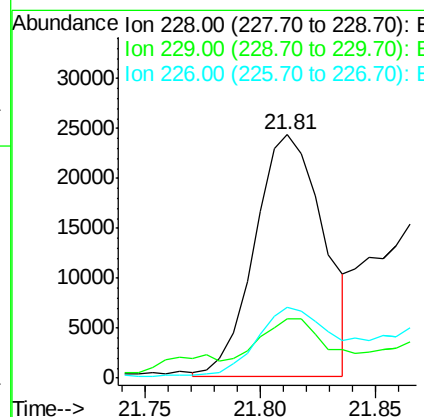
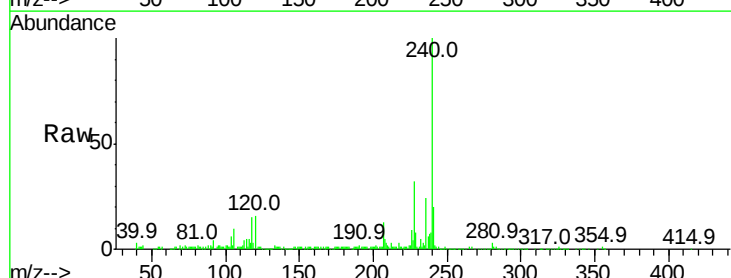
Instrument :
BNA_G
ClientSampleId :
D9X90

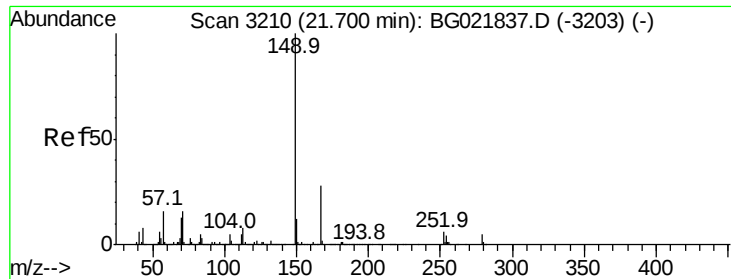
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	9.8	14.8
100	10.8	9.3	13.9



#81
Benzo(a)anthracene
Concen: 1.60 ng/ul
RT: 21.81 min Scan# 3229
Delta R.T. 0.00 min
Lab File: BG021844.D
Acq: 11 May 2016 14:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.4	16.6	25.0
226	29.2	21.0	31.4

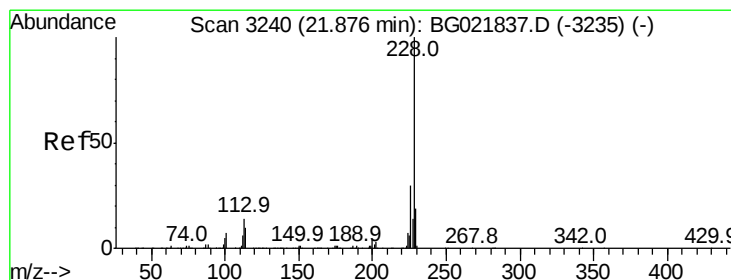
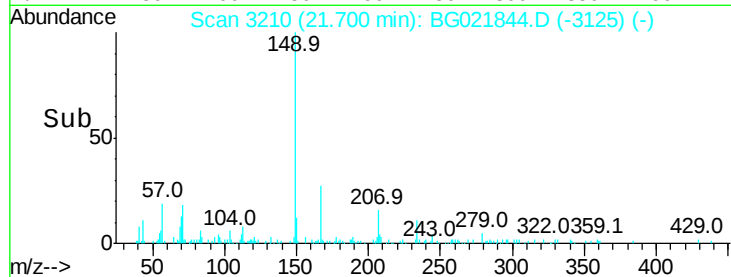
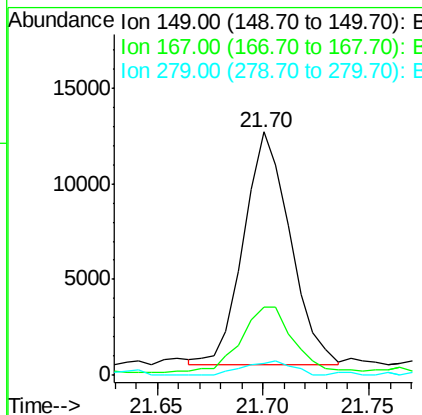
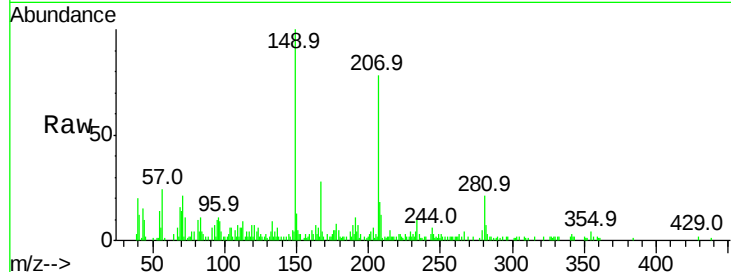




#82
 Bis(2-ethylhexyl)phthalate
 Concen: 1.57 ng/ul
 RT: 21.70 min Scan# 3210
 Delta R.T. 0.00 min
 Lab File: BG021844.D
 Acq: 11 May 2016 14:59

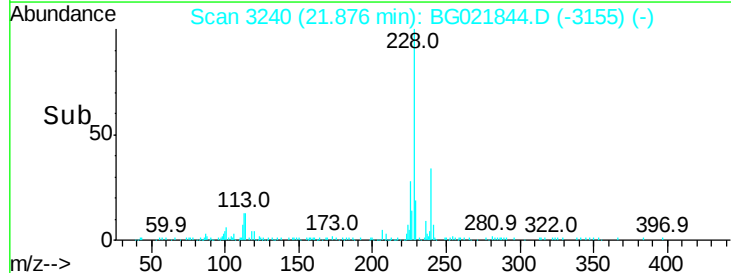
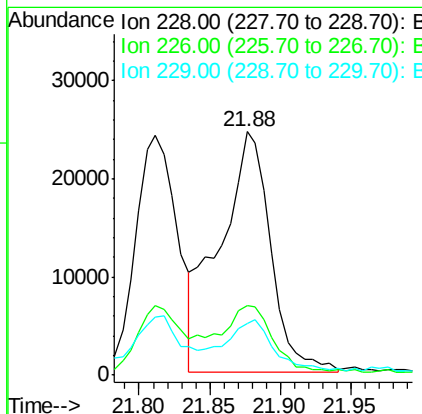
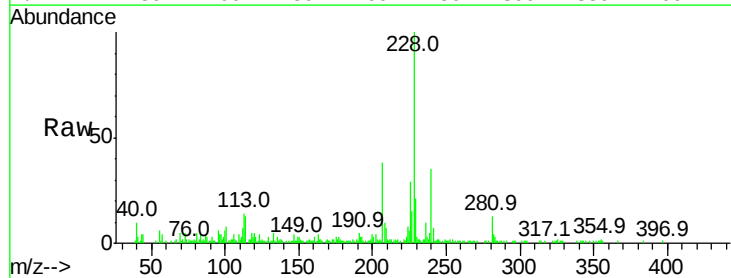
Instrument :
 BNA_G
 ClientSampleId :
 D9X90

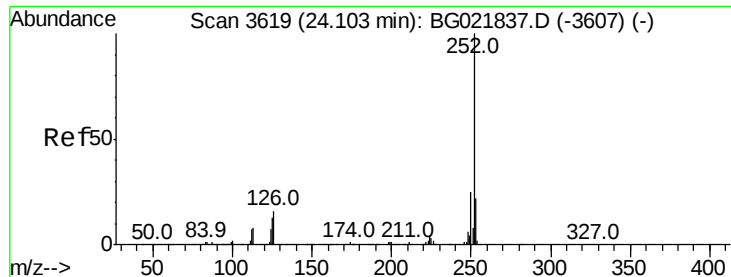
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.0	20.5	30.7
279	4.7	3.7	5.5



#83
 Chrysene
 Concen: 1.99 ng/ul
 RT: 21.88 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: BG021844.D
 Acq: 11 May 2016 14:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	21.2	16.2	24.2





#86

Benzo(b)fluoranthene

Concen: 3.29 ng/ul

RT: 24.11 min Scan# 3620

Delta R.T. 0.01 min

Lab File: BG021844.D

Acq: 11 May 2016 14:59

Instrument :

BNA_G

ClientSampleId :

D9X90

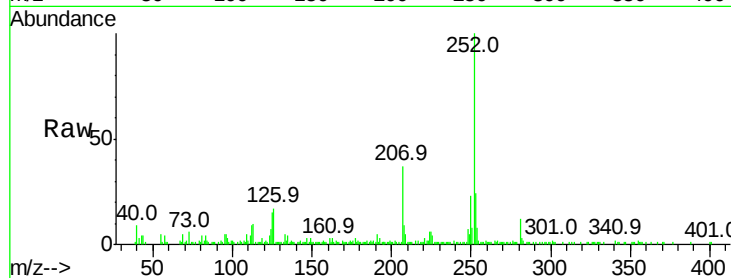
Tot Ion:252 Resp: 104971

Ion Ratio Lower Upper

252 100

253 24.0 18.1 27.1

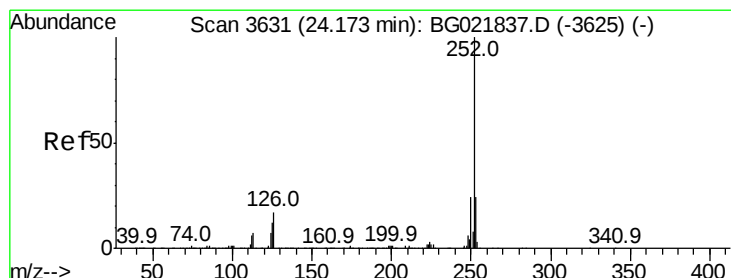
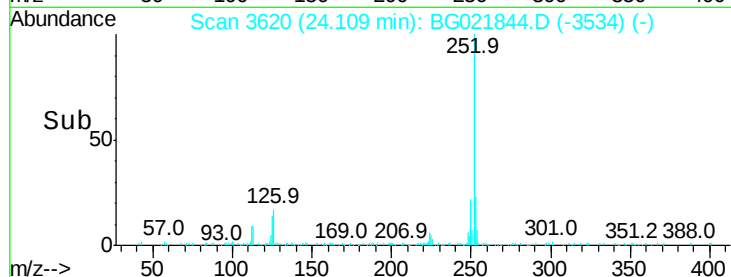
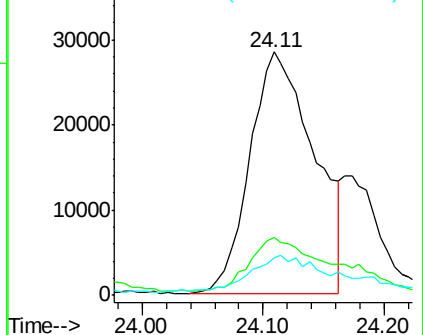
125 15.2 7.6 11.4#



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



#87

Benzo(k)fluoranthene

Concen: 3.07 ng/ul

RT: 24.11 min Scan# 3620

Delta R.T. -0.06 min

Lab File: BG021844.D

Acq: 11 May 2016 14:59

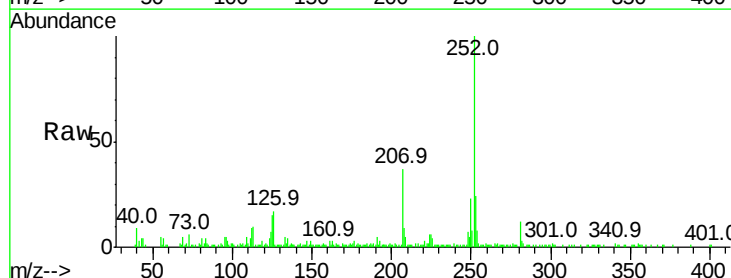
Tgt Ion:252 Resp: 104971

Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.8

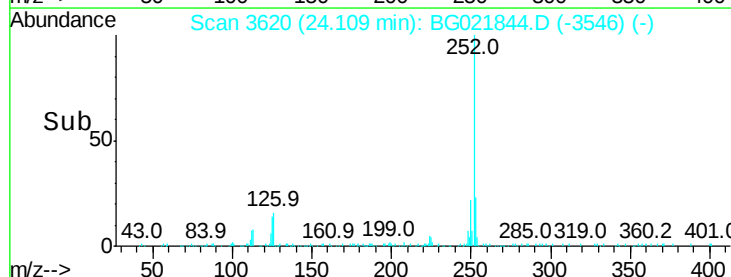
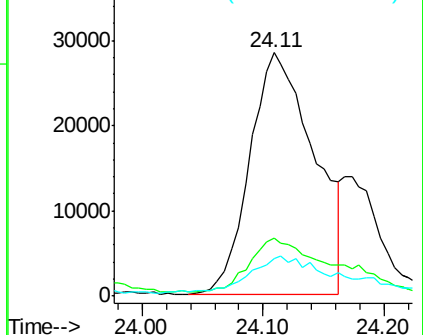
125 15.2 7.7 11.5#

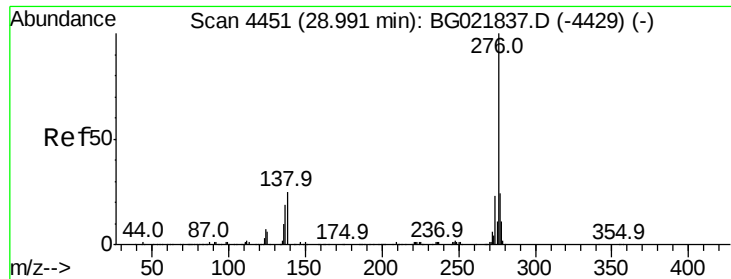


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Indeno(1,2,3-cd)pyrene

Concen: 1.32 ng/ul

RT: 29.00 min Scan# 4452

Delta R.T. 0.01 min

Lab File: BG021844.D

Acq: 11 May 2016 14:59

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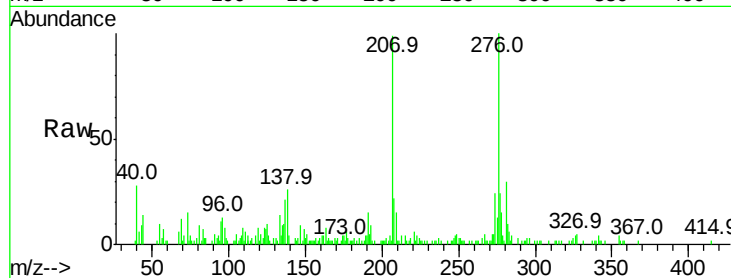
Tot Ion:276 Resp: 49491

Ion Ratio Lower Upper

276 100

138 25.9 15.8 23.6#

277 24.4 19.0 28.6



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

