

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021854.D
 Acq On : 11 May 2016 21:40
 Operator : UM/SJ
 Sample : H2937-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X99

Quant Time: May 12 07:33:18 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 07:33:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	69137	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	355795	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	207804	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	426374	20.00	ng/ul	0.00
76) Chrysene-d12	21.84	240	413469	20.00	ng/ul	0.00
84) Perylene-d12	25.19	264	412266	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	5103	3.56	ng/uL	0.00
5) Phenol-d5	7.33	99	104163	20.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	52043	20.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	98856	24.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	83832	19.45	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	50343	21.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	53435	36.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	98819	23.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	90969	20.21	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	314576	21.55	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	427462	20.63	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	32663	13.06	ng/ul	0.00
58) Fluorene-d10	15.79	176	287587	18.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	34252	29.00	ng/ul	0.00
71) Anthracene-d10	17.65	188	408353	19.68	ng/ul	0.00
77) Pyrene-d10	19.92	212	420307	21.72	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.96	264	389103	19.86	ng/ul	0.02

Target Compounds

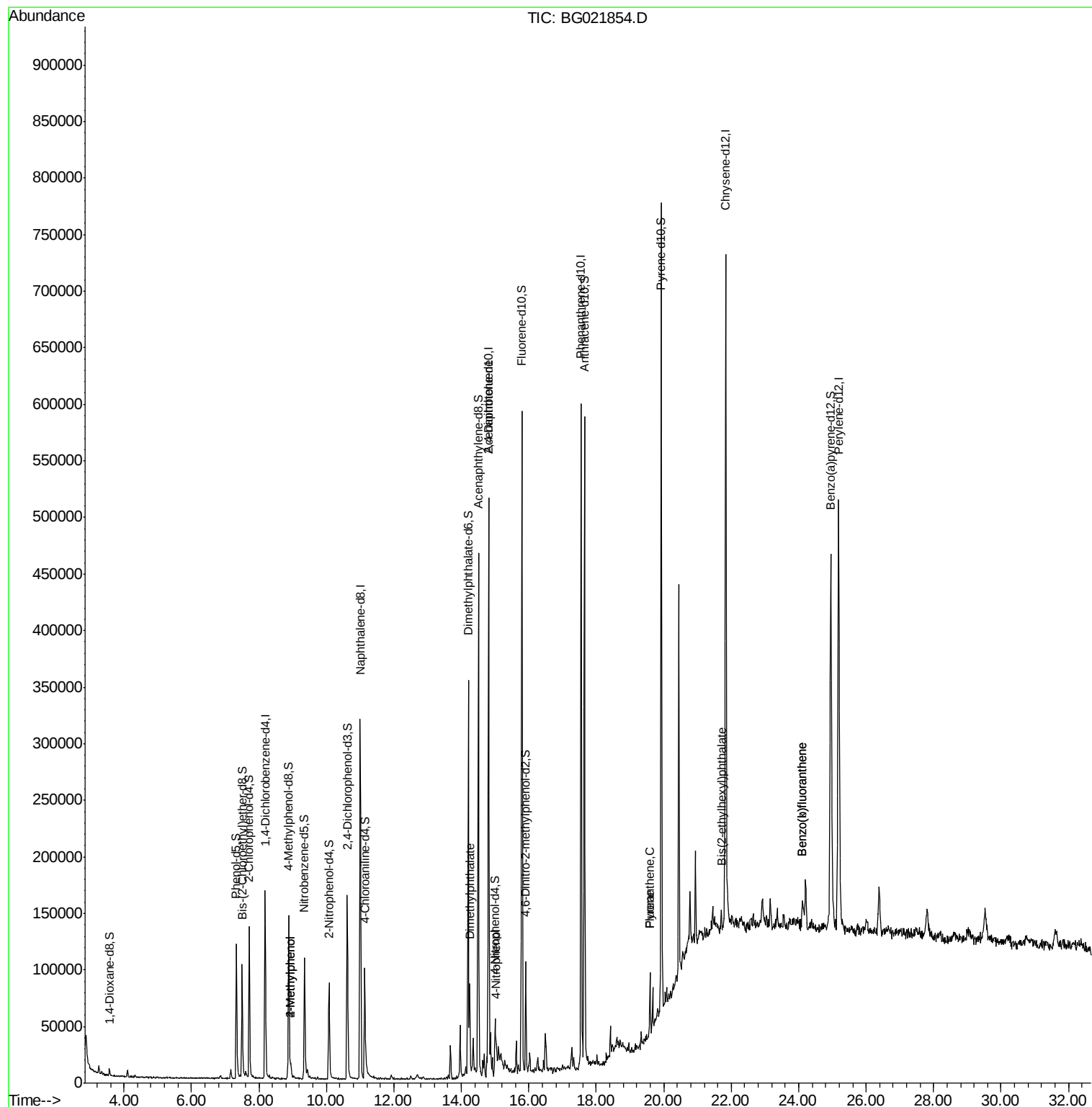
						Ovalue
11) 2-Methylphenol	8.94	108	4825	1.12	ng/ul#	62
16) 4-Methylphenol	8.94	108	4825	1.02	ng/ul#	72
45) Dimethylphthalate	14.25	163	65632	4.41	ng/ul	99
53) 4-Nitrophenol	15.04	109	1366	1.20	ng/ul#	15
55) 2,4-Dinitrotoluene	14.80	165	26882	6.62	ng/ul#	26
75) Fluoranthene	19.59	202	37985	1.43	ng/ul#	96
78) Pyrene	19.59	202	37985	1.59	ng/ul	99
82) Bis(2-ethylhexyl)phthalate	21.70	149	10567	1.22	ng/ul#	93
86) Benzo(b)fluoranthene	24.11	252	28567	1.21	ng/ul#	91
87) Benzo(k)fluoranthene	24.11	252	28567	1.13	ng/ul#	90

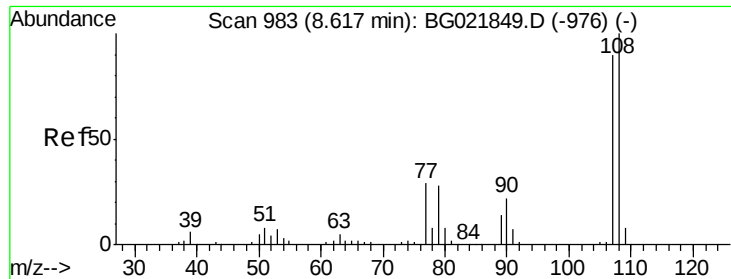
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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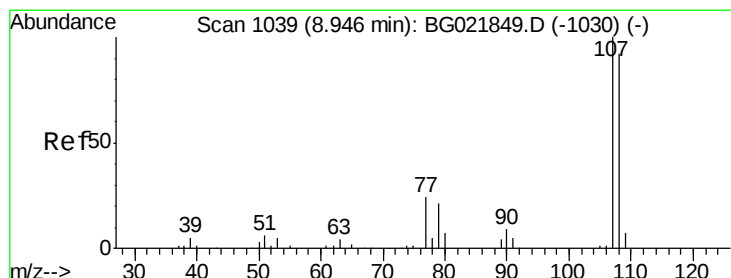
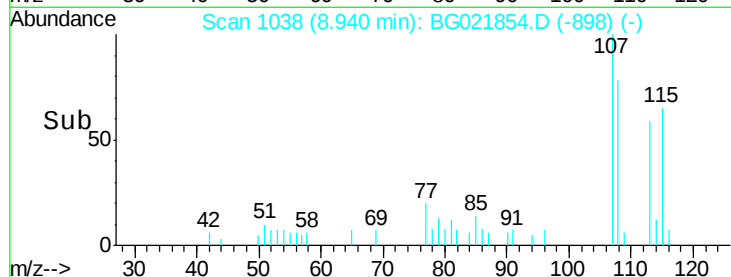
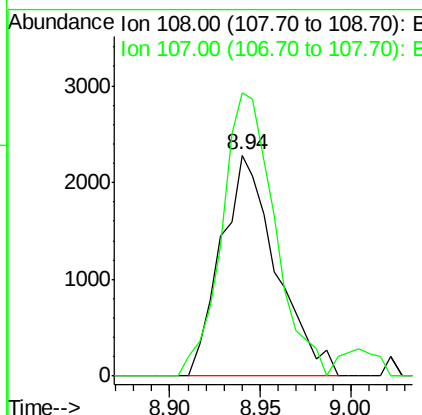
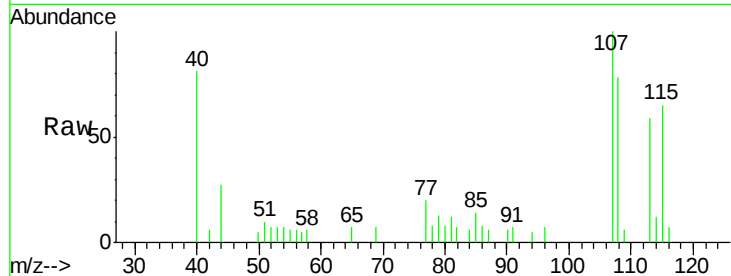




#11
2-Methylphenol
Concen: 1.12 ng/ul
RT: 8.94 min Scan# 1038
Delta R.T. 0.32 min
Lab File: BG021854.D
Acq: 11 May 2016 21:40

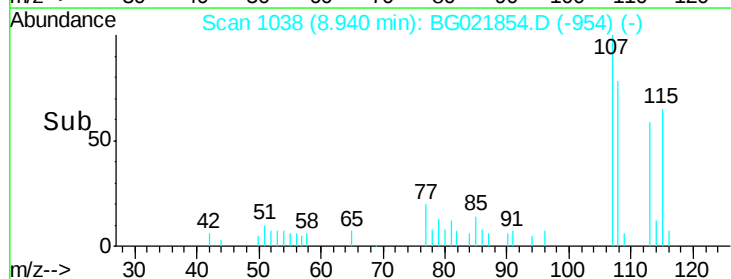
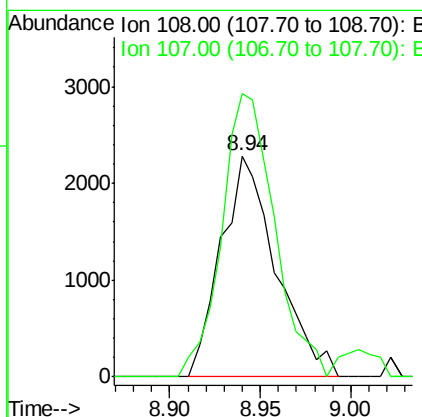
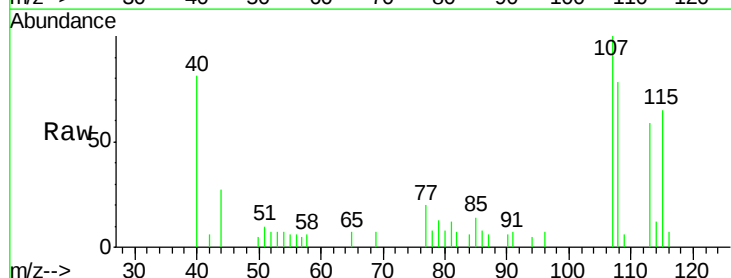
Instrument :
BNA_G
ClientSampleId :
D9X99

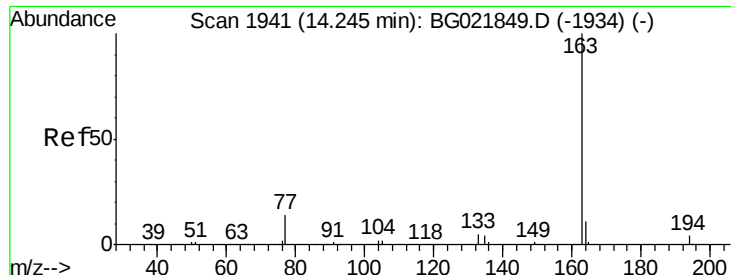
Tot Ion:108 Resp: 4825
Ion Ratio Lower Upper
108 100
107 128.0 73.4 110.0#



#16
4-Methylphenol
Concen: 1.02 ng/ul
RT: 8.94 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BG021854.D
Acq: 11 May 2016 21:40

Tgt Ion:108 Resp: 4825
Ion Ratio Lower Upper
108 100
107 128.0 79.8 119.6#





#45

Dimethylphthalate

Concen: 4.41 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. 0.01 min

Lab File: BG021854.D

Acq: 11 May 2016 21:40

Instrument :

BNA_G

ClientSampled :

D9X99

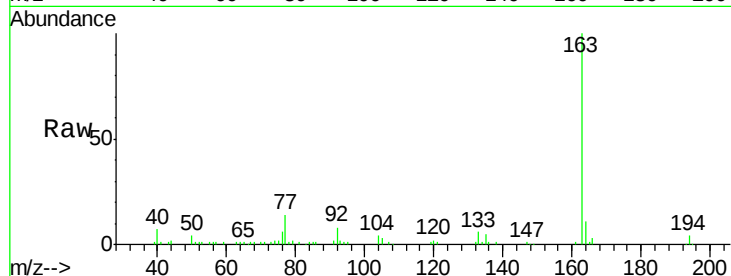
Tot Ion:163 Resp: 65632

Ion Ratio Lower Upper

163 100

194 4.4 3.9 5.9

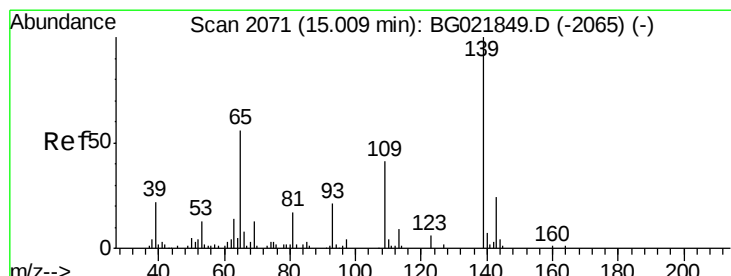
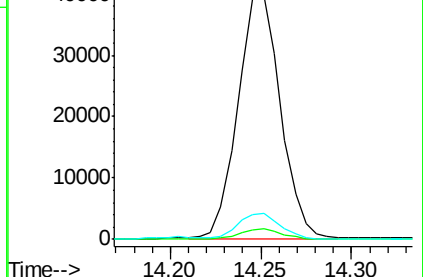
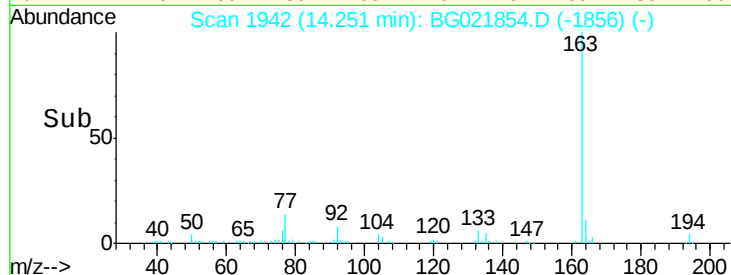
164 10.6 8.7 13.1



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



#53

4-Nitrophenol

Concen: 1.20 ng/ul

RT: 15.04 min Scan# 2076

Delta R.T. 0.03 min

Lab File: BG021854.D

Acq: 11 May 2016 21:40

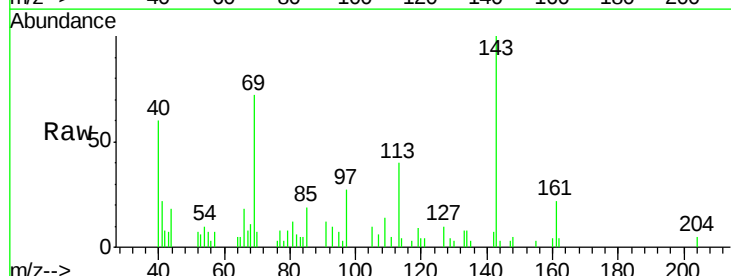
Tgt Ion:109 Resp: 1366

Ion Ratio Lower Upper

109 100

139 0.0 75.9 113.9#

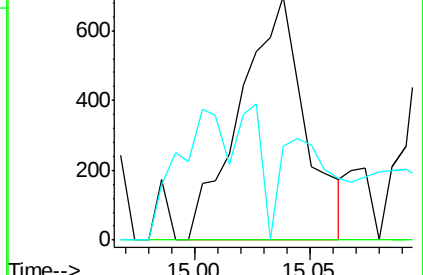
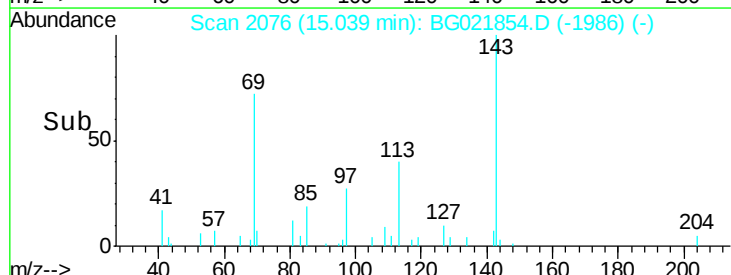
65 38.4 99.8 149.8#

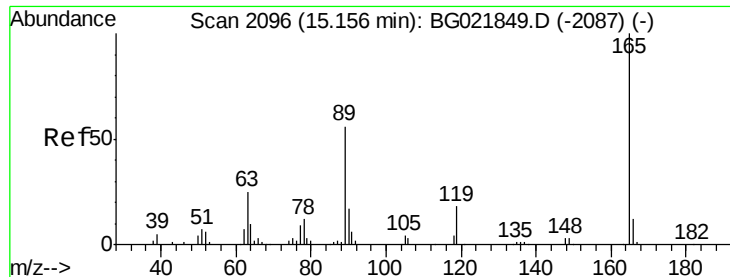


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC

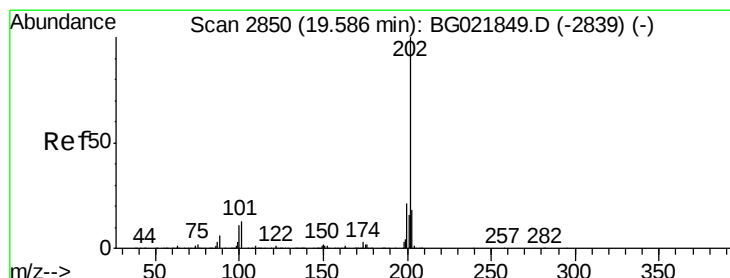
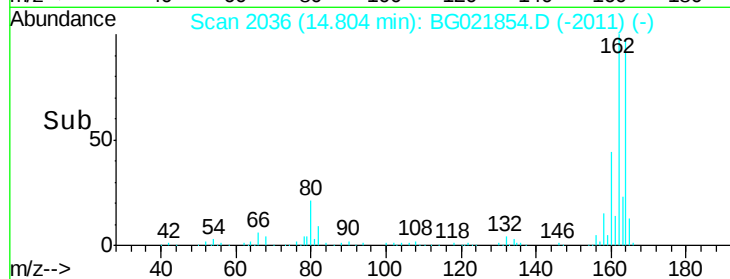
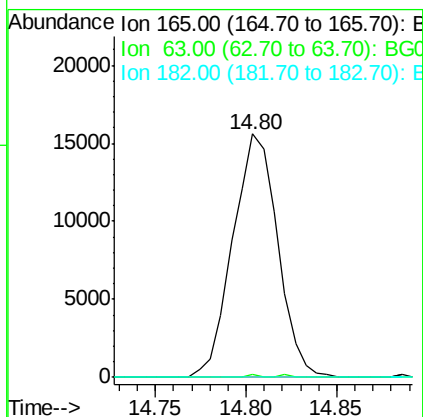
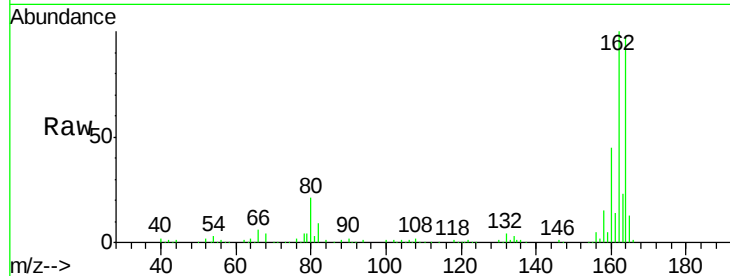




#55
 2,4-Dinitrotoluene
 Concen: 6.62 ng/ul
 RT: 14.80 min Scan# 2036
 Delta R.T. -0.35 min
 Lab File: BG021854.D
 Acq: 11 May 2016 21:40

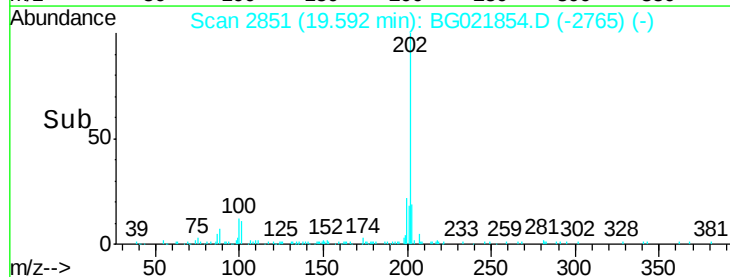
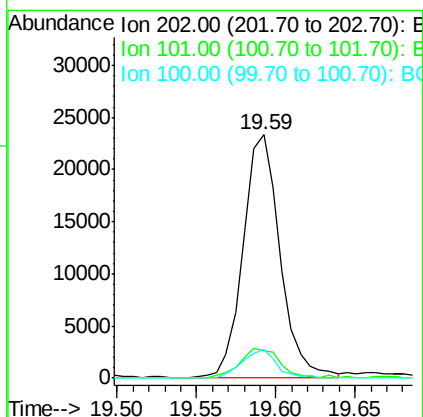
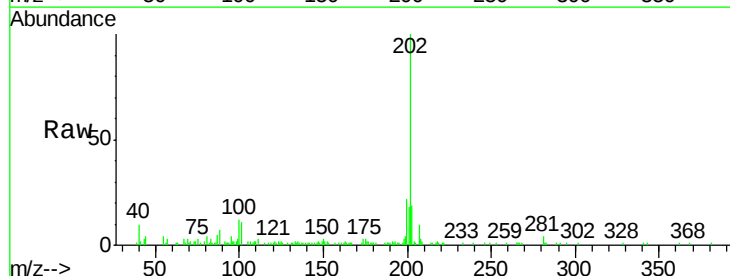
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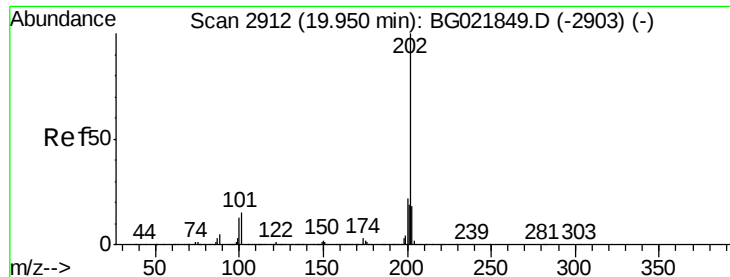
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	48.1	72.1#
182	0.0	2.2	3.2#



#75
 Fluoranthene
 Concen: 1.43 ng/ul
 RT: 19.59 min Scan# 2851
 Delta R.T. 0.01 min
 Lab File: BG021854.D
 Acq: 11 May 2016 21:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
100	11.8	7.0	10.4#





#78

Pvrene

Concen: 1.59 ng/ul

RT: 19.59 min Scan# 2851

Delta R.T. -0.36 min

Lab File: BG021854.D

Acq: 11 May 2016 21:40

Instrument :

BNA_G

ClientSampleId :

D9X99

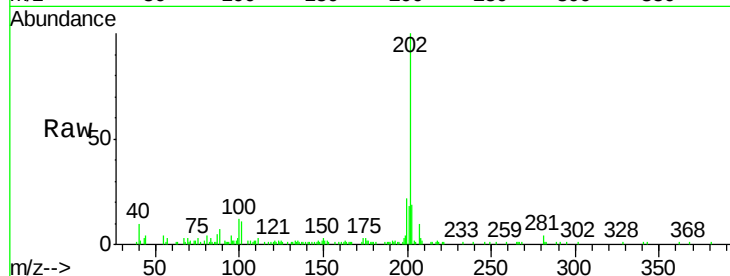
Tot Ion:202 Resp: 37985

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

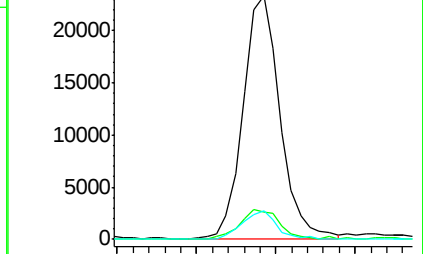
100 11.8 9.3 13.9



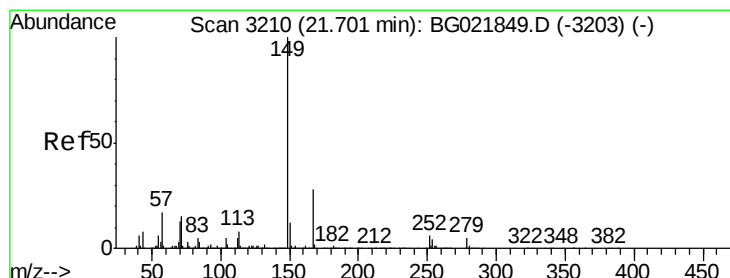
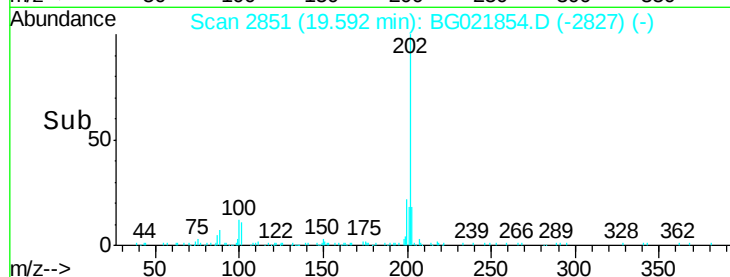
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time--> 19.50 19.55 19.60 19.65



#82

Bis(2-ethylhexyl)phthalate

Concen: 1.22 ng/ul

RT: 21.70 min Scan# 3210

Delta R.T. 0.00 min

Lab File: BG021854.D

Acq: 11 May 2016 21:40

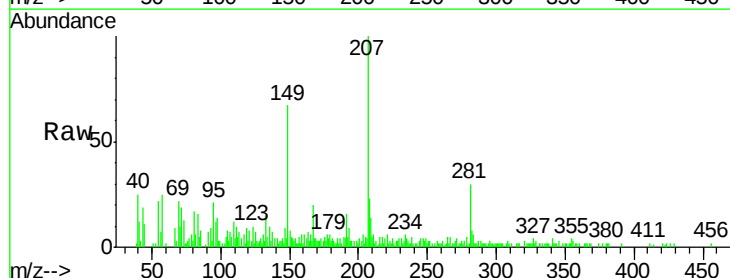
Tgt Ion:149 Resp: 10567

Ion Ratio Lower Upper

149 100

167 29.1 20.5 30.7

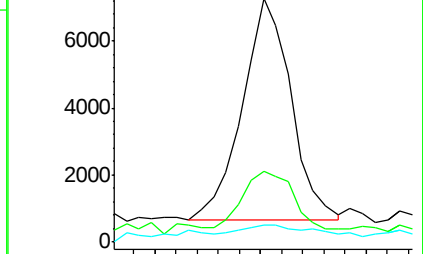
279 7.0 3.7 5.5#



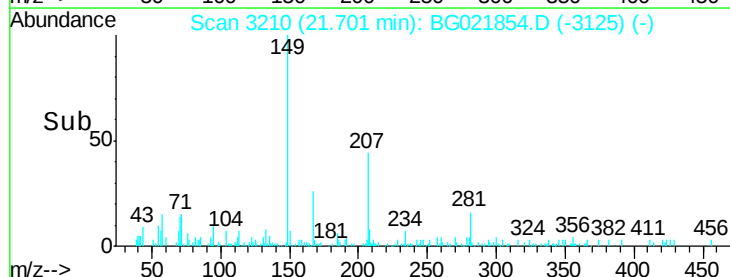
Abundance Ion 149.00 (148.70 to 149.70): E

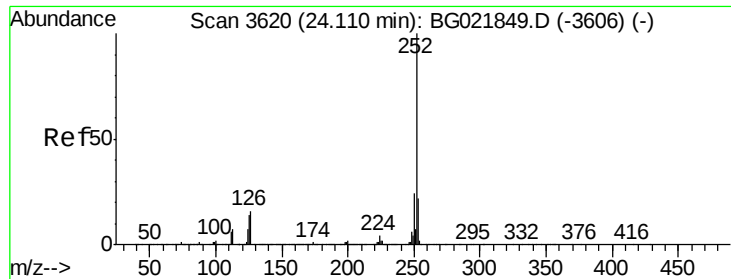
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 21.65 21.70 21.75





#86

Benzo(b)fluoranthene

Concen: 1.21 ng/ul

RT: 24.11 min Scan# 3620

Delta R.T. 0.00 min

Lab File: BG021854.D

Acq: 11 May 2016 21:40

Instrument :

BNA_G

ClientSampleId :

D9X99

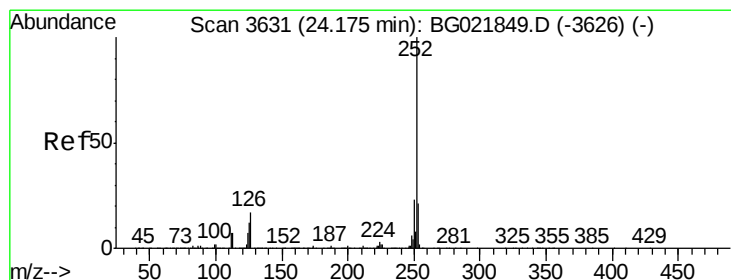
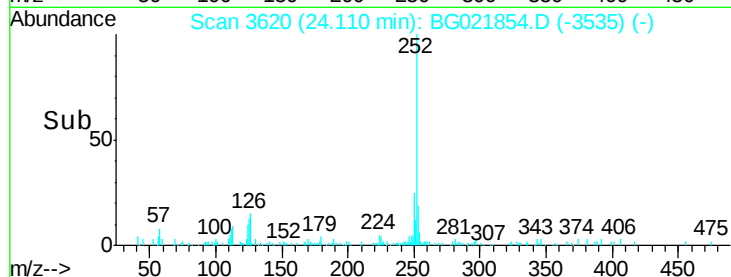
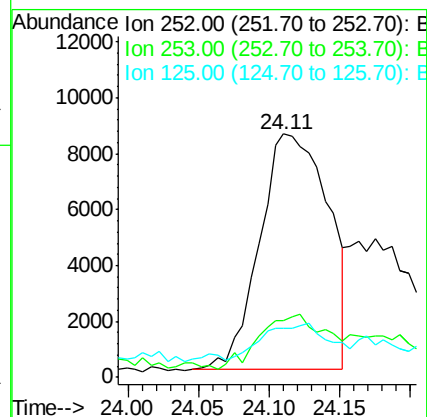
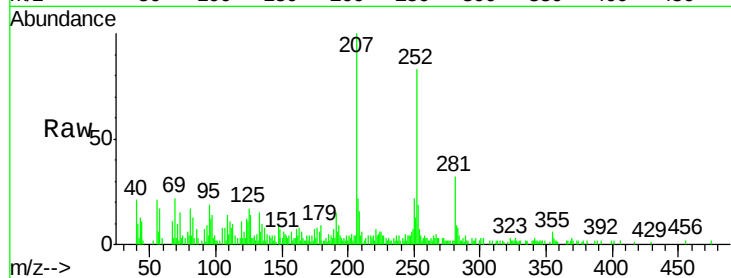
Tot Ion:252 Resp: 28567

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

125 20.0 7.6 11.4#



#87

Benzo(k)fluoranthene

Concen: 1.13 ng/ul

RT: 24.11 min Scan# 3620

Delta R.T. -0.06 min

Lab File: BG021854.D

Acq: 11 May 2016 21:40

Tgt Ion:252 Resp: 28567

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

125 20.0 7.7 11.5#

