

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021853.D
 Acq On : 11 May 2016 21:00
 Operator : UM/SJ
 Sample : H2937-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X98

Quant Time: May 12 07:33:04 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	8.19	152	85260	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	430565	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	250773	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	500311	20.00	ng/ul	0.00
76) Chrysene-d12	21.84	240	482671	20.00	ng/ul	0.00
84) Perylene-d12	25.19	264	481133	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	5447	3.08	ng/uL	0.00
5) Phenol-d5	7.33	99	109919	17.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	54454	17.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	101419	20.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	90307	16.99	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	51860	18.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	54437	30.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	101473	20.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	123802	22.73	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	321699	18.26	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	438943	17.55	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	32140	10.65	ng/ul	0.00
58) Fluorene-d10	15.79	176	297035	16.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	33654	24.28	ng/ul	0.00
71) Anthracene-d10	17.65	188	398771	16.37	ng/ul	0.00
77) Pyrene-d10	19.92	212	419186	18.55	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	395865	17.32	ng/ul	0.02

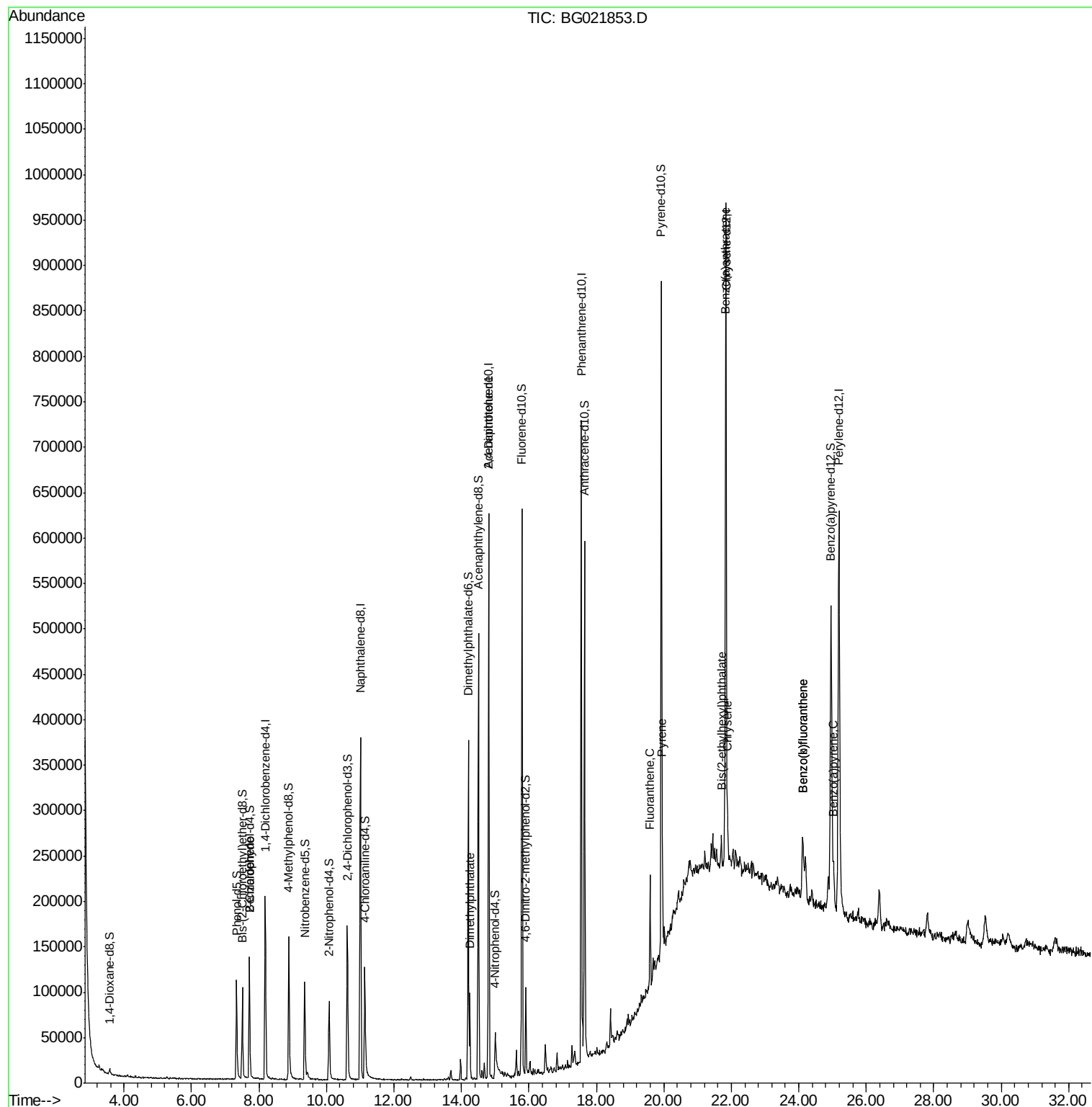
Target Compounds				Ovalue		
4) Benzaldehyde	7.72	77	1762	2.56	ng/ul	91
45) Dimethylphthalate	14.25	163	79431	4.43	ng/ul	98
55) 2,4-Dinitrotoluene	14.81	165	31997	6.53	ng/ul#	25
75) Fluoranthene	19.59	202	86059	2.77	ng/ul#	96
78) Pyrene	19.95	202	73593	2.64	ng/ul	98
81) Benzo(a)anthracene	21.82	228	58611	2.18	ng/ul	98
82) Bis(2-ethylhexyl)phthalate	21.70	149	15310	1.52	ng/ul#	96
83) Chrysene	21.89	228	47836	1.80	ng/ul	95
86) Benzo(b)fluoranthene	24.12	252	86384	3.14	ng/ul#	88
87) Benzo(k)fluoranthene	24.12	252	86384	2.93	ng/ul#	89
89) Benzo(a)pyrene	25.02	252	56279	2.05	ng/ul#	87

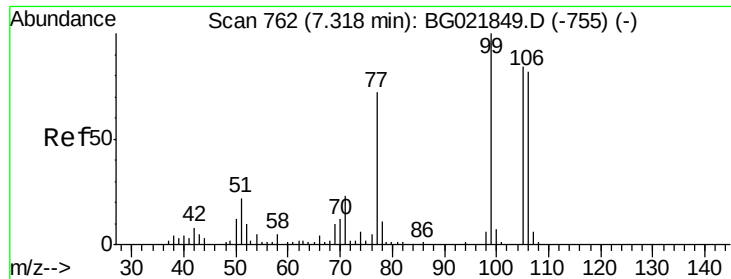
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 07:33:29 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.56 ng/ul

RT: 7.72 min Scan# 831

Delta R.T. 0.40 min

Lab File: BG021853.D

Acq: 11 May 2016 21:00

Instrument :

BNA_G

ClientSampleId :

D9X98

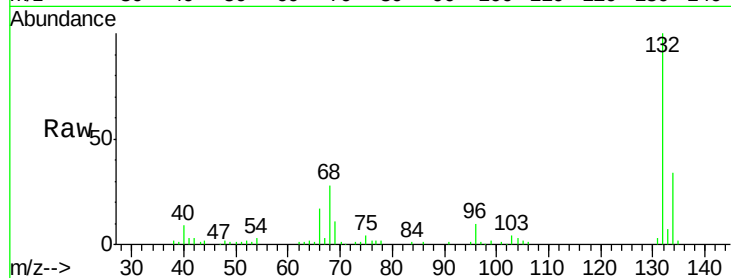
Tot Ion: 77 Resp: 1762

Ion Ratio Lower Upper

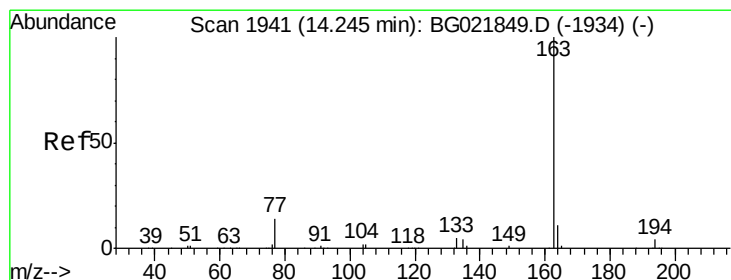
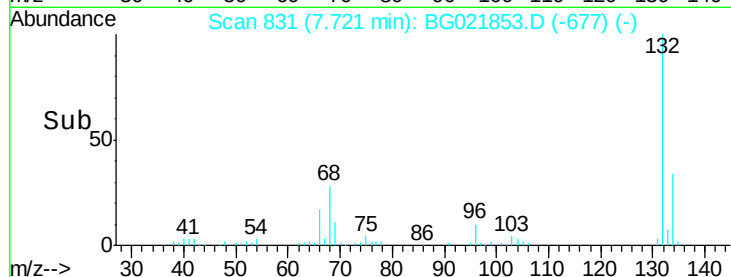
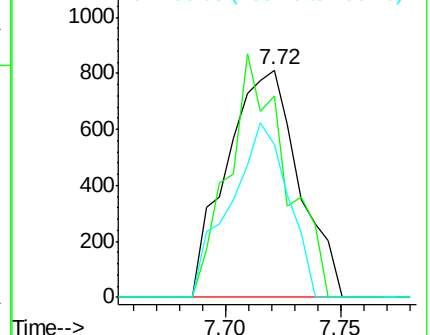
77 100

105 88.8 68.5 102.7

106 67.4 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: 4.43 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG021853.D

Acq: 11 May 2016 21:00

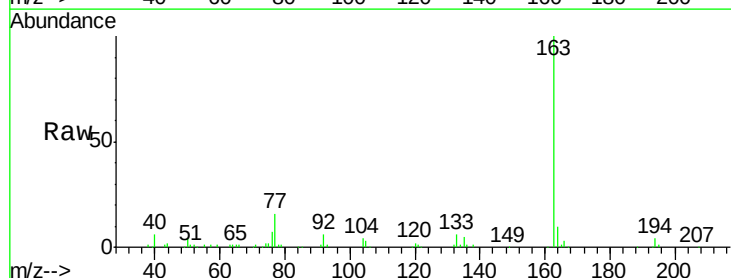
Tgt Ion: 163 Resp: 79431

Ion Ratio Lower Upper

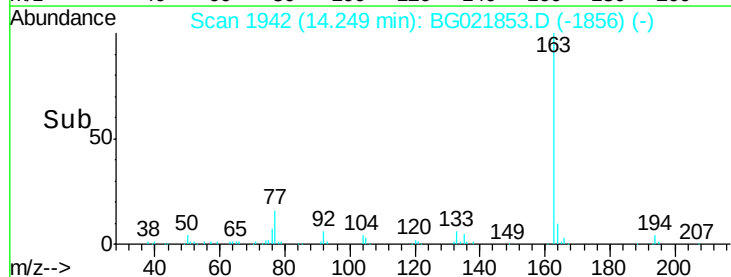
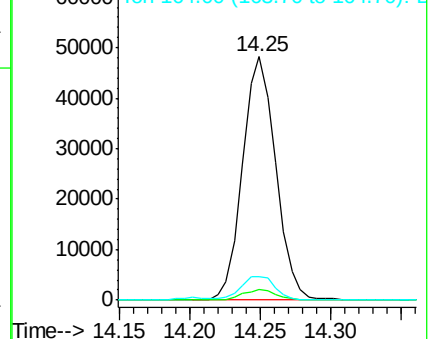
163 100

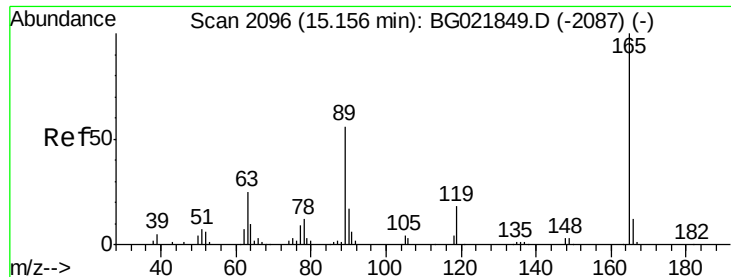
194 4.4 3.9 5.9

164 9.8 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

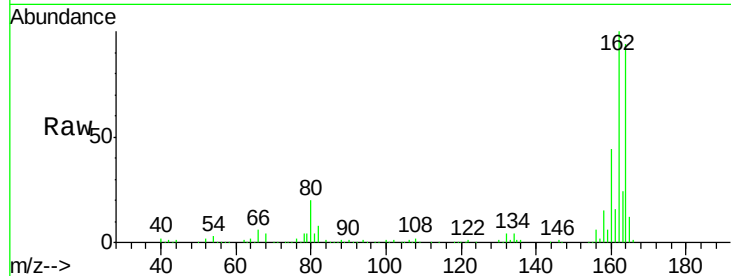




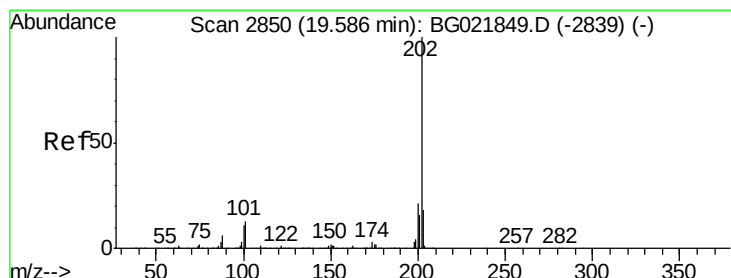
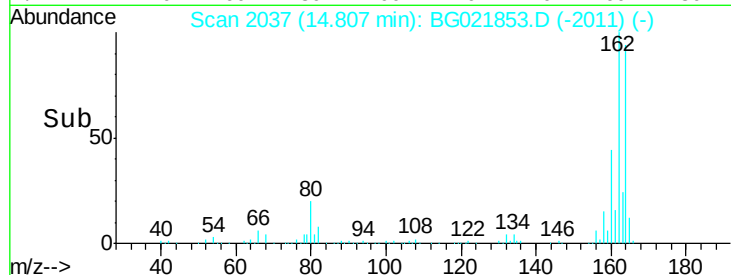
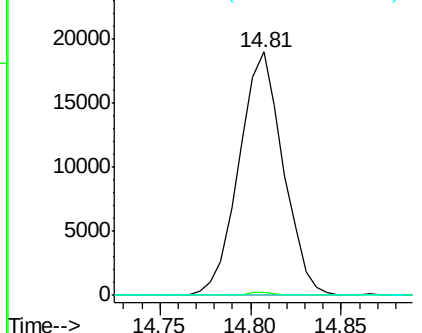
#55
 2,4-Dinitrotoluene
 Concen: 6.53 ng/ul
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.35 min
 Lab File: BG021853.D
 Acq: 11 May 2016 21:00

Instrument :
 BNA_G
 ClientSampleId :
 D9X98

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

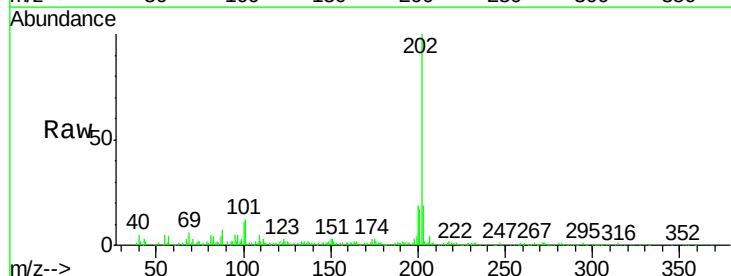


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 182.00 (181.70 to 182.70): E

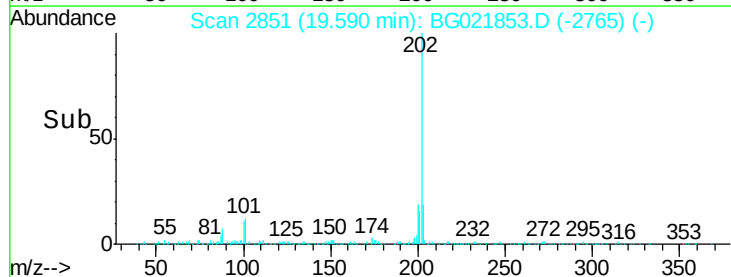
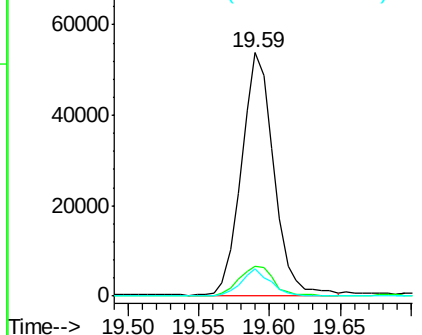


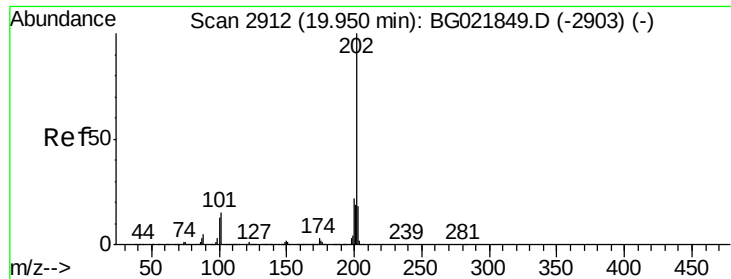
#75
 Fluoranthene
 Concen: 2.77 ng/ul
 RT: 19.59 min Scan# 2851
 Delta R.T. 0.00 min
 Lab File: BG021853.D
 Acq: 11 May 2016 21:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.9	13.3
100	11.1	7.0	10.4#



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): BG

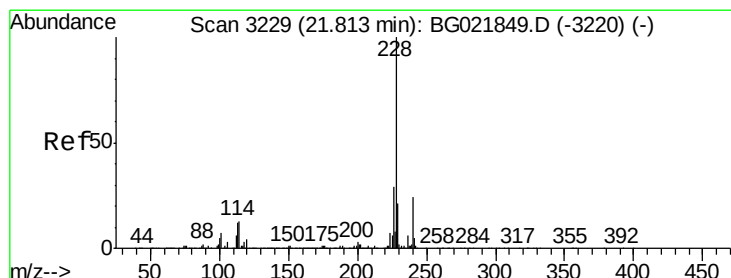
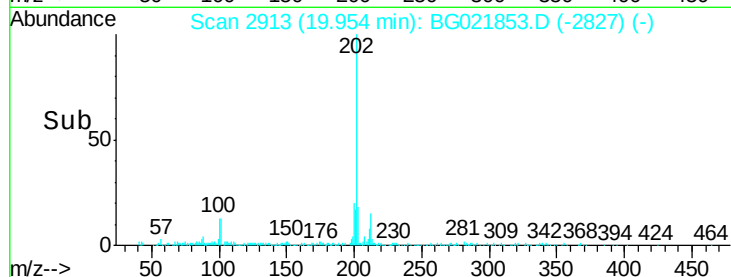
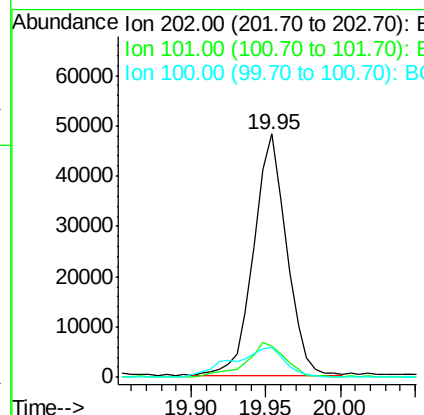
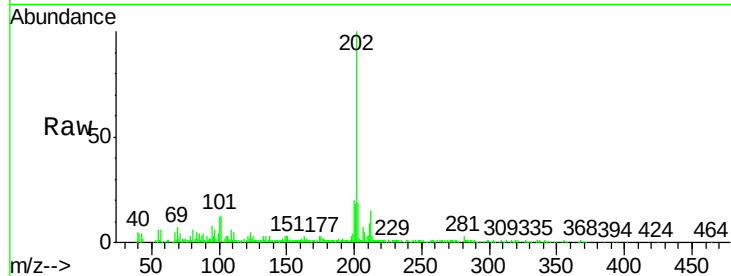




#78
Pvrene
Concen: 2.64 ng/ul
RT: 19.95 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BG021853.D
Acq: 11 May 2016 21:00

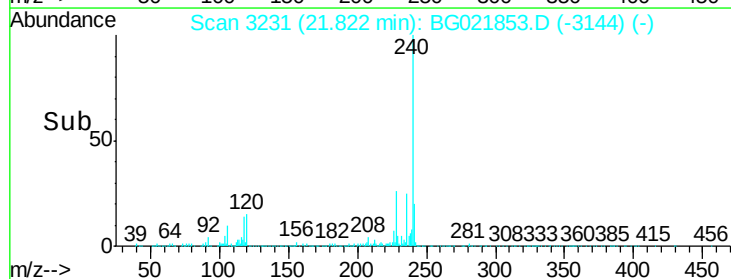
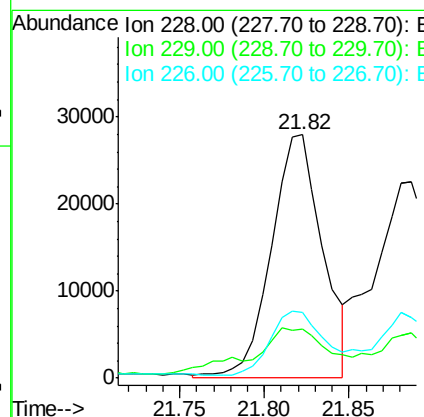
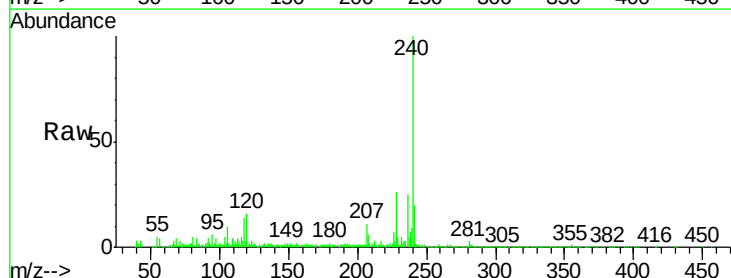
Instrument :
BNA_G
ClientSampleId :
D9X98

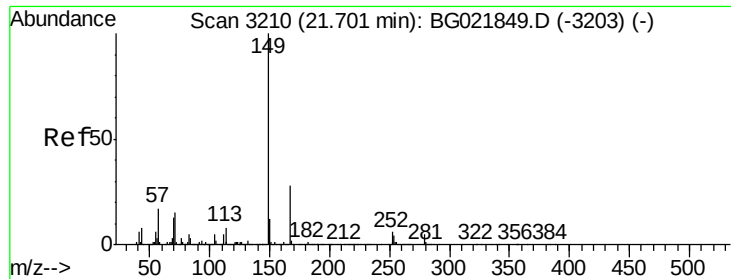
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.8	14.8
100	12.5	9.3	13.9



#81
Benzo(a)anthracene
Concen: 2.18 ng/ul
RT: 21.82 min Scan# 3231
Delta R.T. 0.01 min
Lab File: BG021853.D
Acq: 11 May 2016 21:00

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.6	25.0
226	26.9	21.0	31.4

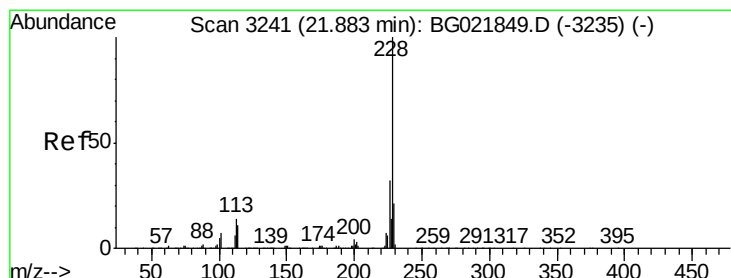
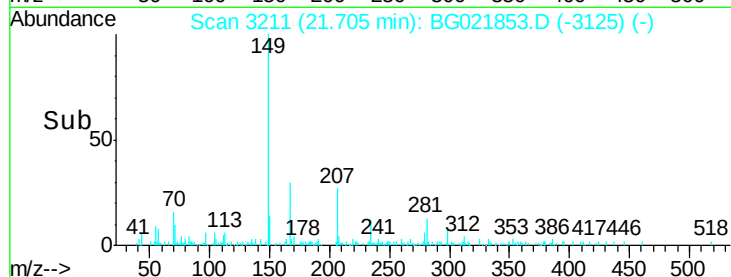
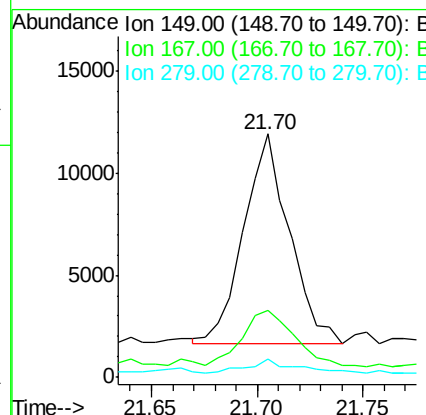
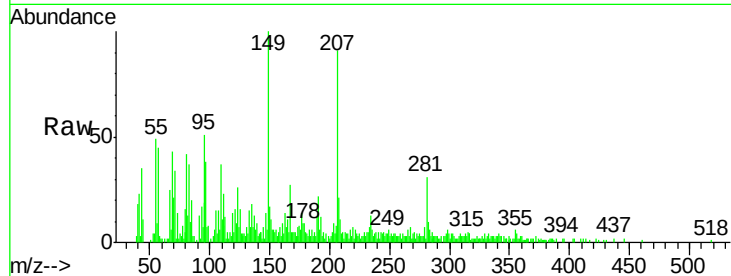




#82
 Bis(2-ethylhexyl)phthalate
 Concen: 1.52 ng/ul
 RT: 21.70 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: BG021853.D
 Acq: 11 May 2016 21:00

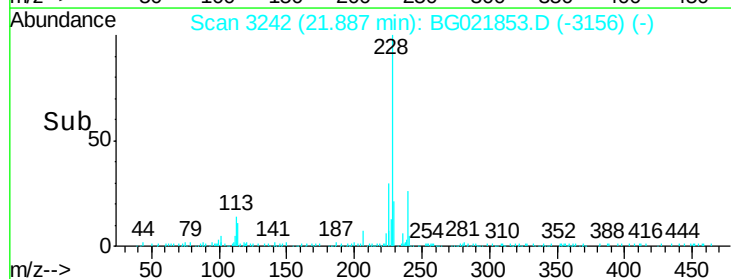
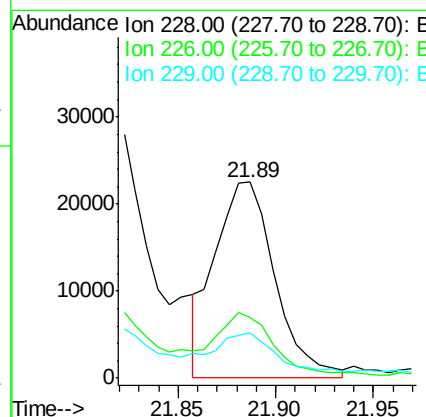
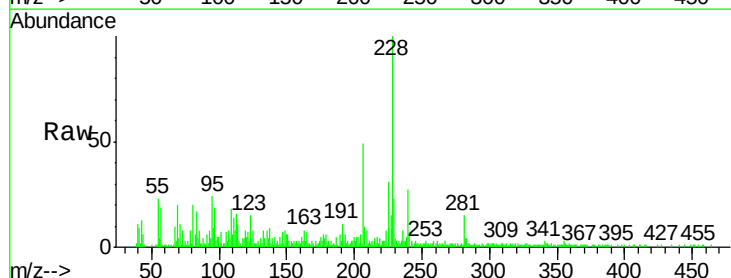
Instrument :
 BNA_G
 ClientSampleId :
 D9X98

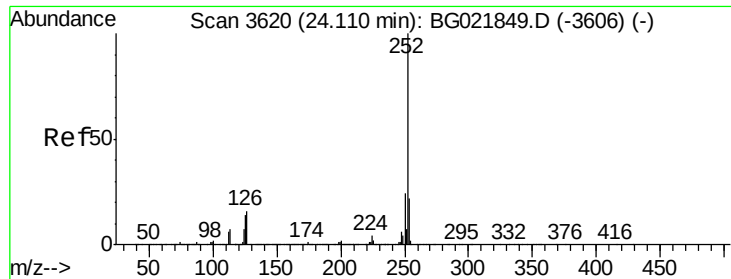
Tot Ion:149 Resp: 15310
 Ion Ratio Lower Upper
 149 100
 167 27.5 20.5 30.7
 279 7.3 3.7 5.5#



#83
 Chrysene
 Concen: 1.80 ng/ul
 RT: 21.89 min Scan# 3242
 Delta R.T. 0.00 min
 Lab File: BG021853.D
 Acq: 11 May 2016 21:00

Tgt Ion:228 Resp: 47836
 Ion Ratio Lower Upper
 228 100
 226 31.0 23.4 35.2
 229 23.3 16.2 24.2

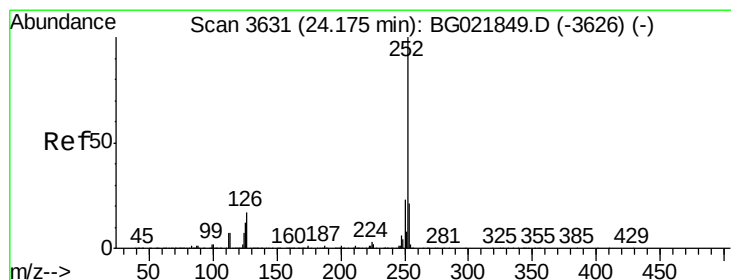
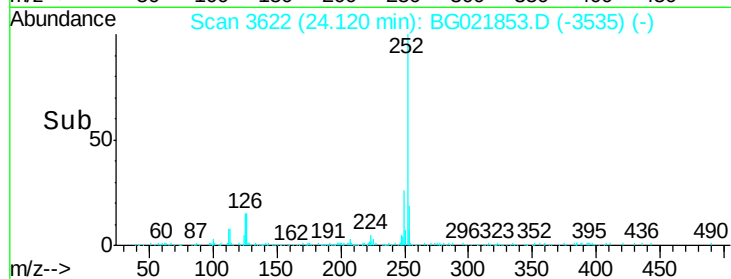
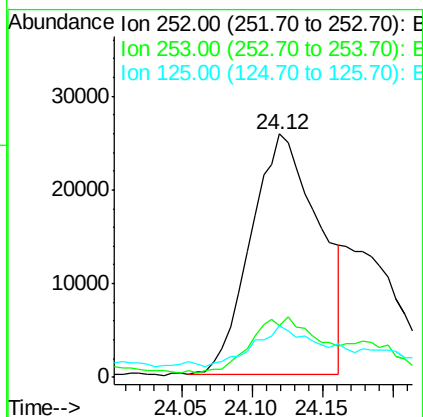
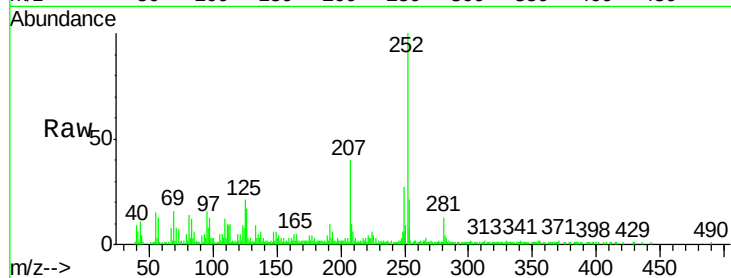




#86
Benzo(b)fluoranthene
Concen: 3.14 ng/ul
RT: 24.12 min Scan# 3622
Delta R.T. 0.01 min
Lab File: BG021853.D
Acq: 11 May 2016 21:00

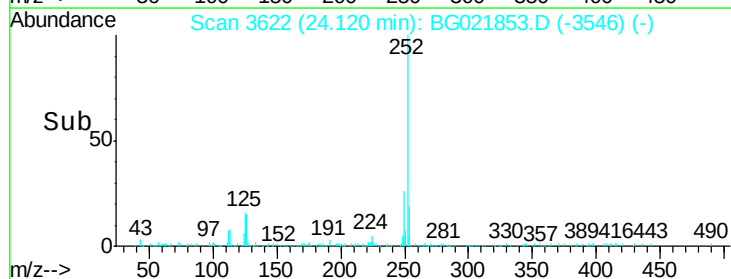
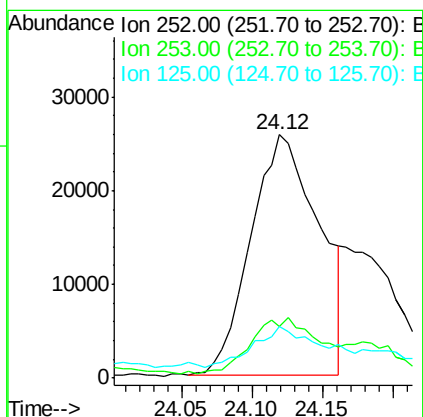
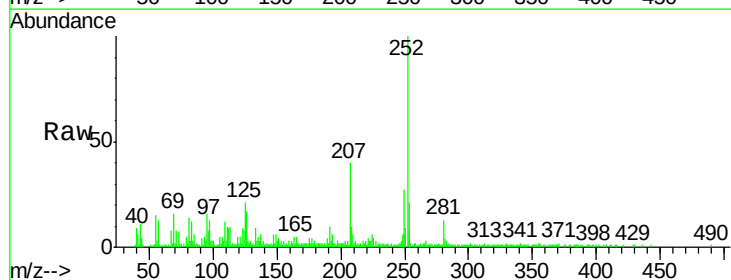
Instrument :
BNA_G
ClientSampleId :
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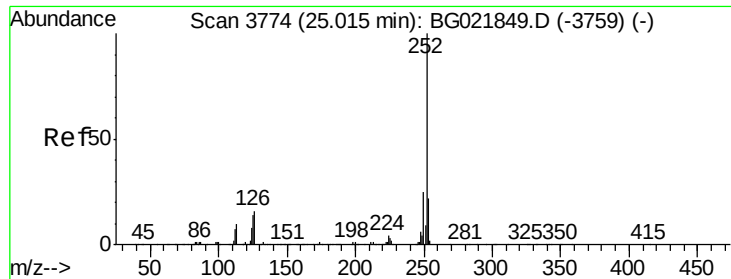
Tot Ion:252 Resp: 86384
Ion Ratio Lower Upper
252 100
253 21.1 18.1 27.1
125 21.3 7.6 11.4#



#87
Benzo(k)fluoranthene
Concen: 2.93 ng/ul
RT: 24.12 min Scan# 3622
Delta R.T. -0.06 min
Lab File: BG021853.D
Acq: 11 May 2016 21:00

Tgt Ion:252 Resp: 86384
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.8
125 21.3 7.7 11.5#





#89

Benzo(a)pyrene

Concen: 2.05 ng/ul

RT: 25.02 min Scan# 3776

Delta R.T. 0.01 min

Lab File: BG021853.D

Acq: 11 May 2016 21:00

Instrument :

BNA_G

ClientSampleId :

D9X98

Tot Ion: 252 Resp: 56279

Ion Ratio Lower Upper

252 100

253 24.5 17.4 26.0

125 20.3 8.2 12.2

