

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051016\
 Data File : BG021824.D
 Acq On : 10 May 2016 20:02
 Operator : UM/SJ
 Sample : H2938-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB2

Quant Time: May 11 03:32:46 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	74691	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	365800	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	206006	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	417210	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	408281	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	401933	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	6611	4.27	ng/uL	0.00
5) Phenol-d5	7.33	99	139081	25.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	70766	25.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	127142	29.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	79265	17.03	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	67754	28.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	65751	43.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	119806	27.89	ng/ul	0.00
29) 4-Chloroaniline-d4	11.40	131	182	0.04	ng/ul	0.27
44) Dimethylphthalate-d6	14.20	166	414497	28.65	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	560450	27.28	ng/ul	0.00
52) 4-Nitrophenol-d4	15.31	143	166	0.07	ng/ul	0.31
58) Fluorene-d10	15.79	176	377508	24.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	40984	35.46	ng/ul	0.00
71) Anthracene-d10	17.65	188	513572	25.29	ng/ul	0.00
77) Pyrene-d10	19.92	212	560824	29.35	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	505195	26.45	ng/ul	0.00

Target Compounds

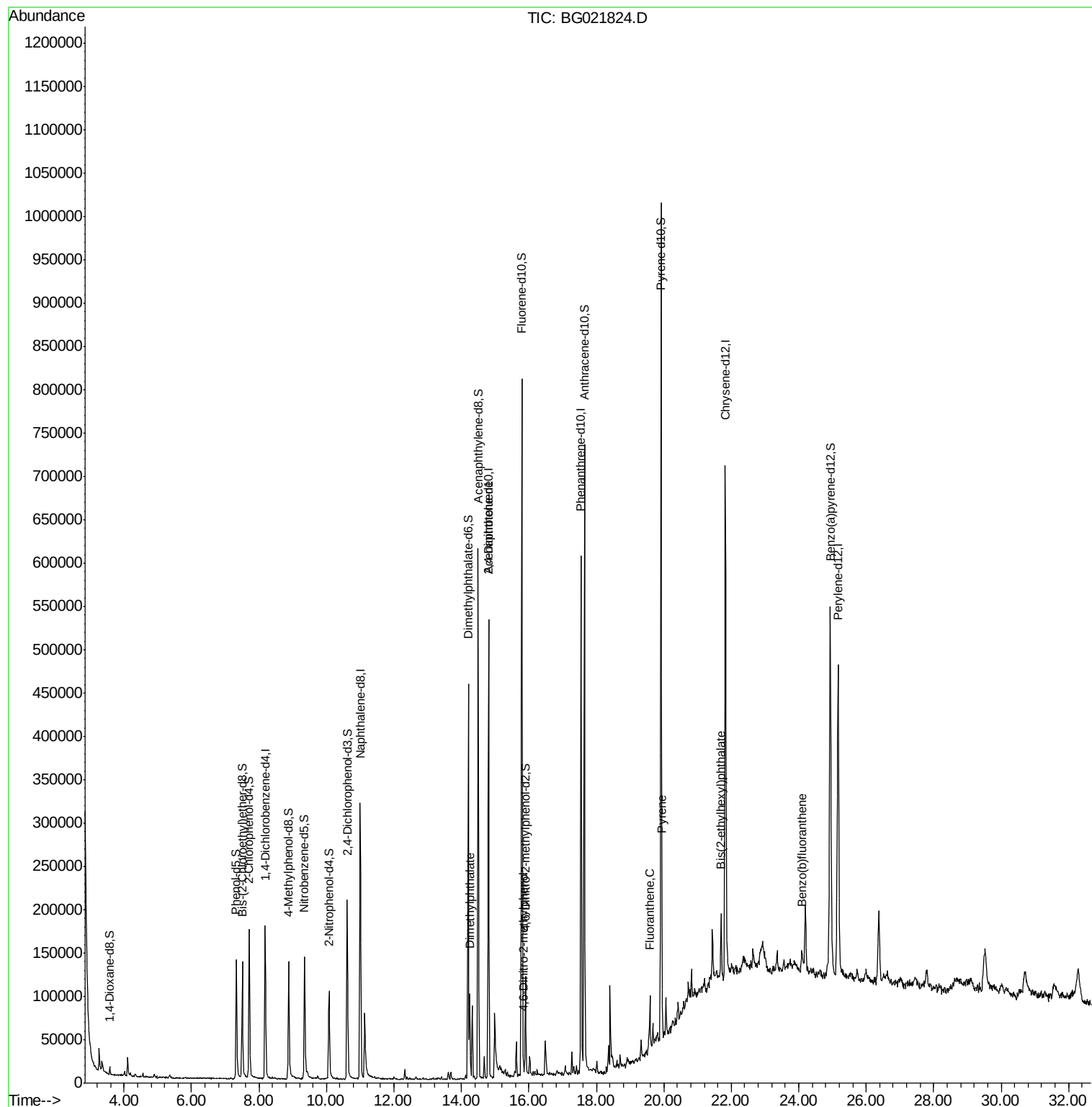
						Qvalue
45) Dimethylphthalate	14.25	163	79901	5.42	ng/ul	99
55) 2,4-Dinitrotoluene	14.80	165	27165	6.75	ng/ul#	24
64) 4,6-Dinitro-2-methylphenol	15.84	198	3771	2.99	ng/ul#	63
75) Fluoranthene	19.58	202	30554	1.18	ng/ul#	92
78) Pyrene	19.94	202	29922	1.27	ng/ul#	90
82) Bis(2-ethylhexyl)phthalate	21.70	149	41647	4.89	ng/ul	96
86) Benzo(b)fluoranthene	24.10	252	30626	1.33	ng/ul#	91

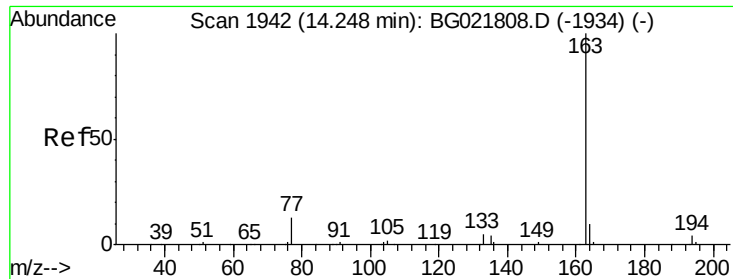
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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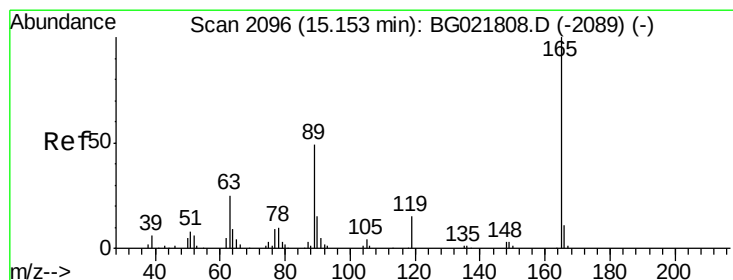
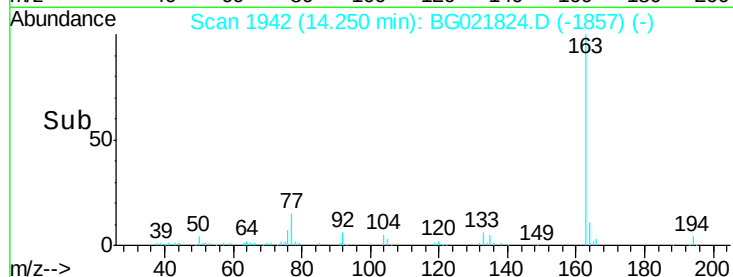
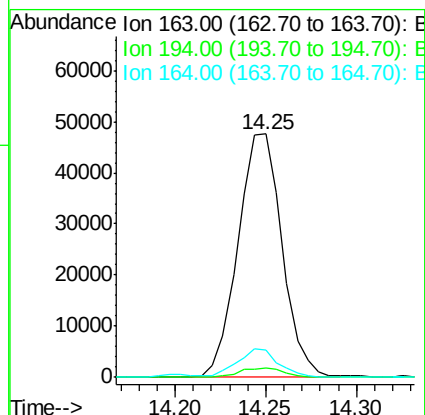
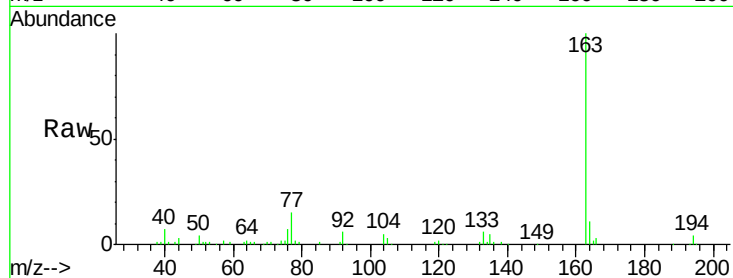




#45
Dimethylphthalate
Concen: 5.42 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG021824.D
Acq: 10 May 2016 20:02

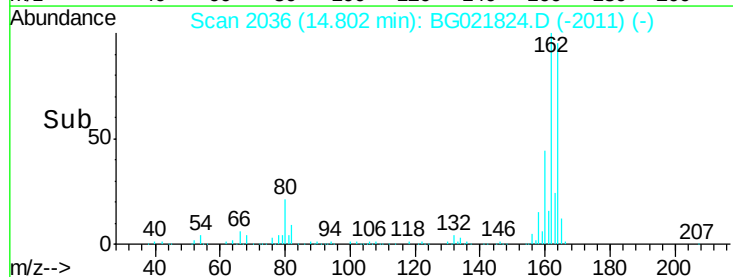
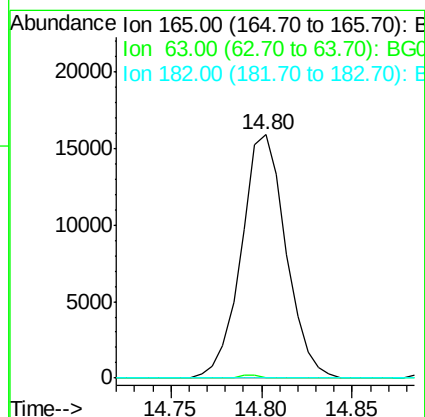
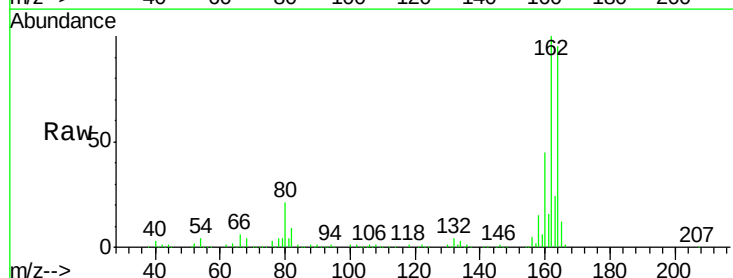
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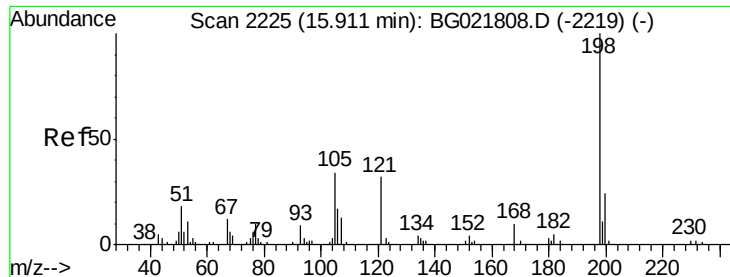
Tgt Ion:163 Resp: 79901
Ion Ratio Lower Upper
163 100
194 4.1 3.9 5.9
164 11.1 8.7 13.1



#55
2,4-Dinitrotoluene
Concen: 6.75 ng/ul
RT: 14.80 min Scan# 2036
Delta R.T. -0.35 min
Lab File: BG021824.D
Acq: 10 May 2016 20:02

Tgt Ion:165 Resp: 27165
Ion Ratio Lower Upper
165 100
63 0.0 48.1 72.1#
182 0.0 2.2 3.2#

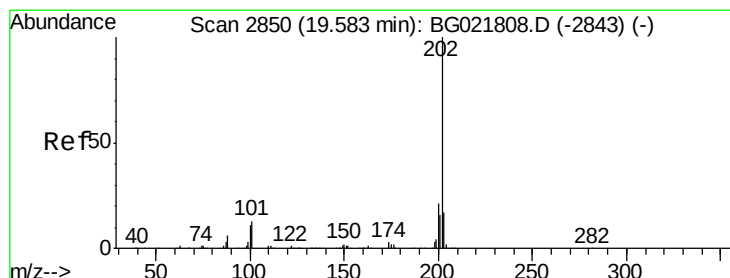
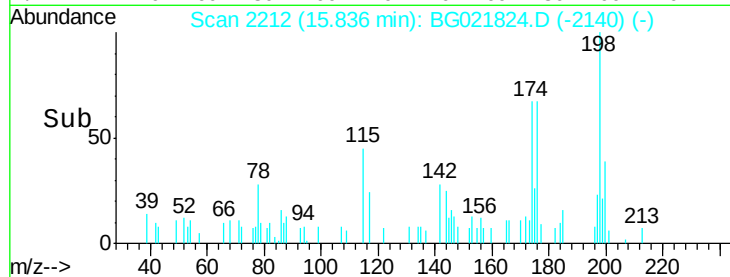
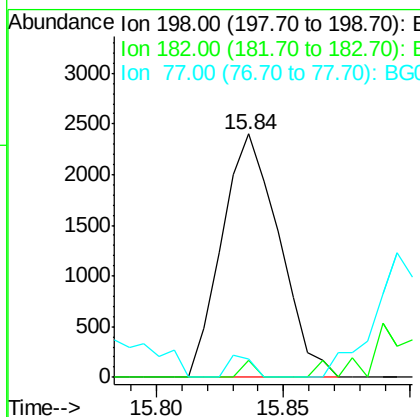
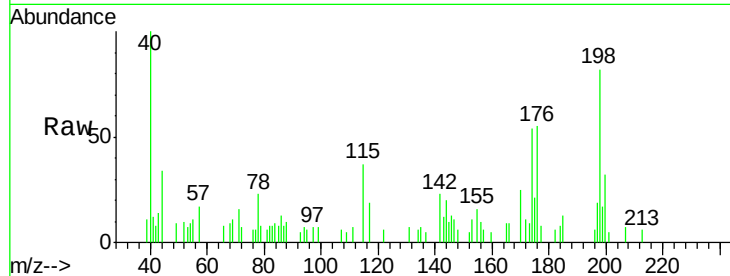




#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.99 ng/ul
 RT: 15.84 min Scan# 2212
 Delta R.T. -0.07 min
 Lab File: BG021824.D
 Acq: 10 May 2016 20:02

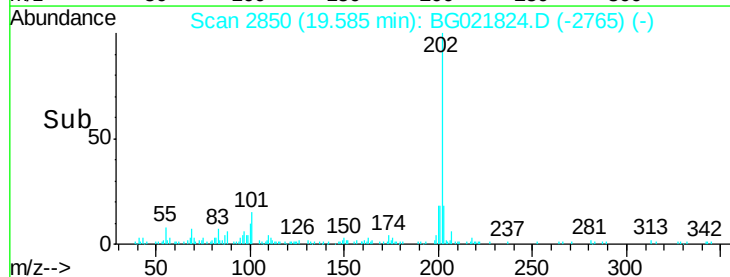
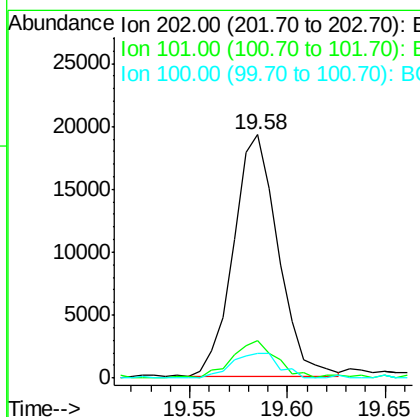
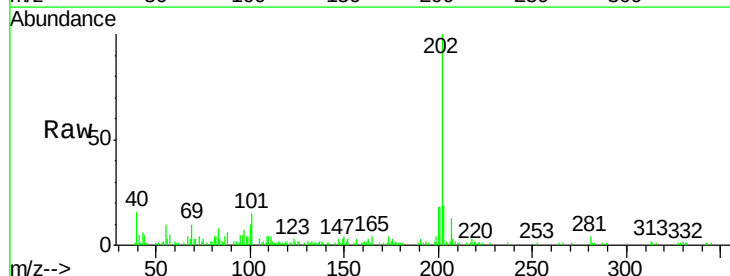
Instrument :
 BNA_G
 ClientSampleId :
 D9XB2

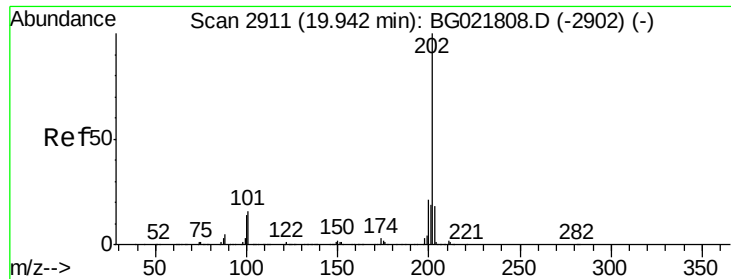
Tgt Ion:198 Resp: 3771
 Ion Ratio Lower Upper
 198 100
 182 7.1 3.8 5.8#
 77 7.6 24.2 36.4#



#75
 Fluoranthene
 Concen: 1.18 ng/ul
 RT: 19.58 min Scan# 2850
 Delta R.T. 0.00 min
 Lab File: BG021824.D
 Acq: 10 May 2016 20:02

Tgt Ion:202 Resp: 30554
 Ion Ratio Lower Upper
 202 100
 101 15.2 8.9 13.3#
 100 10.3 7.0 10.4

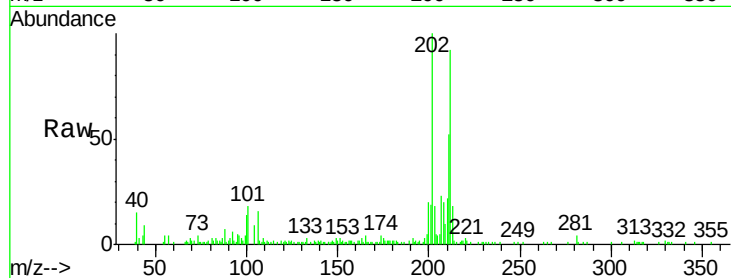




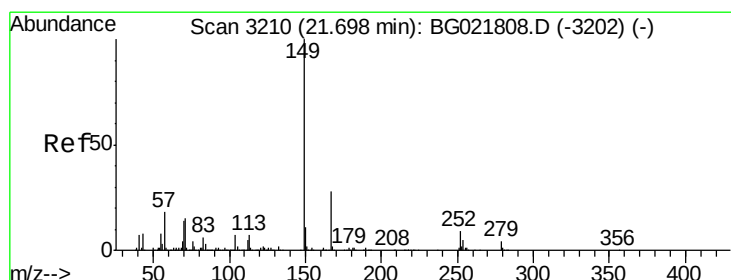
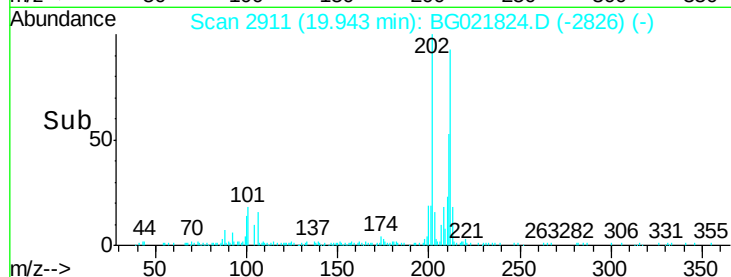
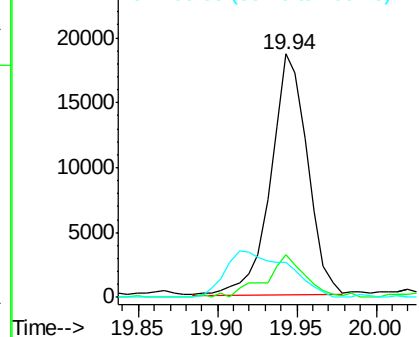
#78
 Pyrene
 Concen: 1.27 ng/ul
 RT: 19.94 min Scan# 2911
 Delta R.T. 0.00 min
 Lab File: BG021824.D
 Acq: 10 May 2016 20:02

Instrument :
 BNA_G
 ClientSampleId :
 D9XB2

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.6	9.8	14.8#
100	14.1	9.3	13.9#

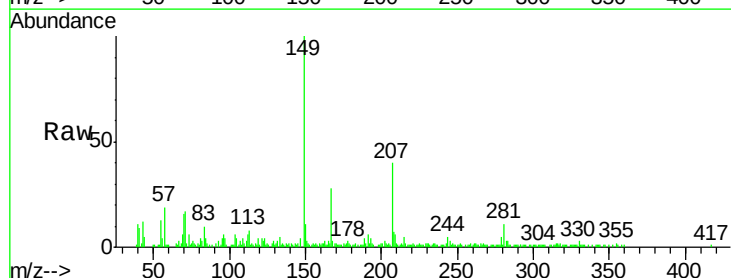


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

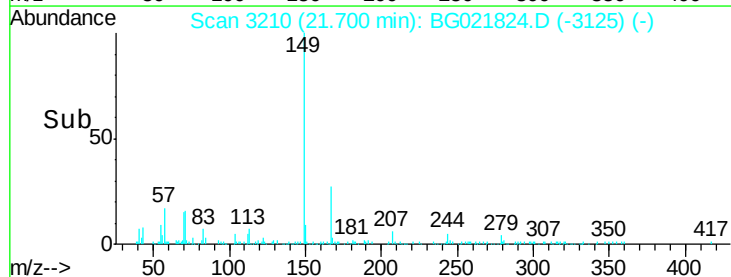
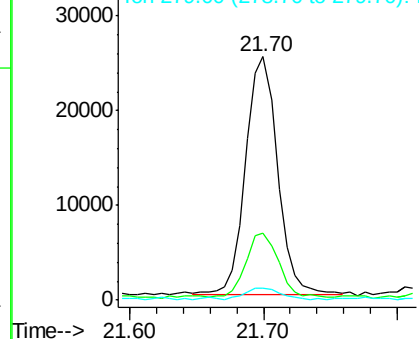


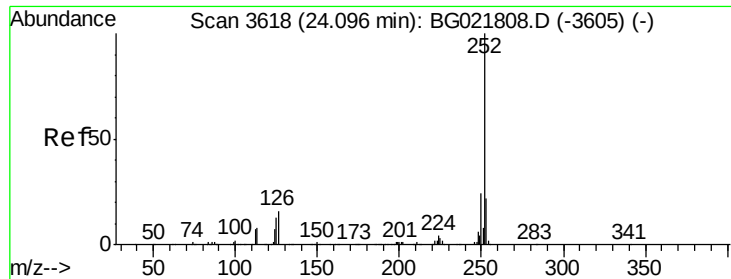
#82
 Bis(2-ethylhexyl)phthalate
 Concen: 4.89 ng/ul
 RT: 21.70 min Scan# 3210
 Delta R.T. 0.00 min
 Lab File: BG021824.D
 Acq: 10 May 2016 20:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	20.5	30.7
279	5.0	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





#86

Benzo(b)fluoranthene

Concen: 1.33 ng/ul

RT: 24.10 min Scan# 3619

Delta R.T. 0.01 min

Lab File: BG021824.D

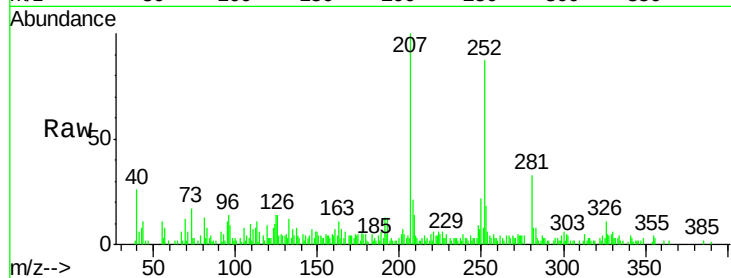
Acq: 10 May 2016 20:02

Instrument :

BNA_G

ClientSampleId :

D9XB2



Tgt Ion:	252	Resp:	30626
Ion	Ratio	Lower	Upper
252	100		
253	20.4	18.1	27.1
125	16.4	7.6	11.4#

