Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021850.D
Acq On : 11 May 2016 19:00
Operator : UM/SJ
Sample : H2937-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9X95

Quant Time: May 12 07:32:25 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	82600	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	411059	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	239772	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	479766	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	483588	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	484506	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	4953	2.89	ng/uL	0.00
5) Phenol-d5	7.33	99	127625	20.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	60446	19.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	114728	24.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	104853	20.37	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	58140	21.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	59135	34.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	117526	24.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	212	0.04	ng/ul	0.11
44) Dimethylphthalate-d6	14.20	166	353511	20.99	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	488032	20.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	46792	16.21	ng/ul	0.00
58) Fluorene-d10	15.79	176	325733	18.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	39148	29.46	ng/ul	0.00
71) Anthracene-d10	17.64	188	447172	19.15	ng/ul	0.00
77) Pyrene-d10	19.92	212	469659	20.75	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	433523	18.83	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.71	77	1794	2.69	ng/ul	89
28) Naphthalene	11.05	128	31181	1.51	ng/ul	99
34) 2-Methylnaphthalene	12.64	142	34096	2.25	ng/ul	99
35) 1-Methylnaphthalene	12.86	142	25875	1.72	ng/ul#	94
45) Dimethylphthalate	14.25	163	69563	4.05	ng/ul	99
70) Phenanthrene	17.59	178	85382	3.26	ng/ul	99
74) Di-n-butylphthalate	18.49	149	32493	1.55	ng/ul#	94
75) Fluoranthene	19.59	202	105170	3.53	ng/ul#	83
78) Pyrene	19.95	202	93518	3.34	ng/ul#	87
81) Benzo(a)anthracene	21.82	228	52845	1.96	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.70	149	296579	29.37	ng/ul	96
83) Chrysene	21.88	228	75436	2.83	ng/ul	95
85) Di-n-octyl phthalate	22.97	149	36350	1.82	ng/ul	100
86) Benzo(b)fluoranthene	24.11	252	92681	3.34	ng/ul#	84
87) Benzo(k)fluoranthene	24.11	252	92681	3.12	ng/ul#	84
89) Benzo(a)pyrene	25.02	252	47536	1.72	ng/ul#	84

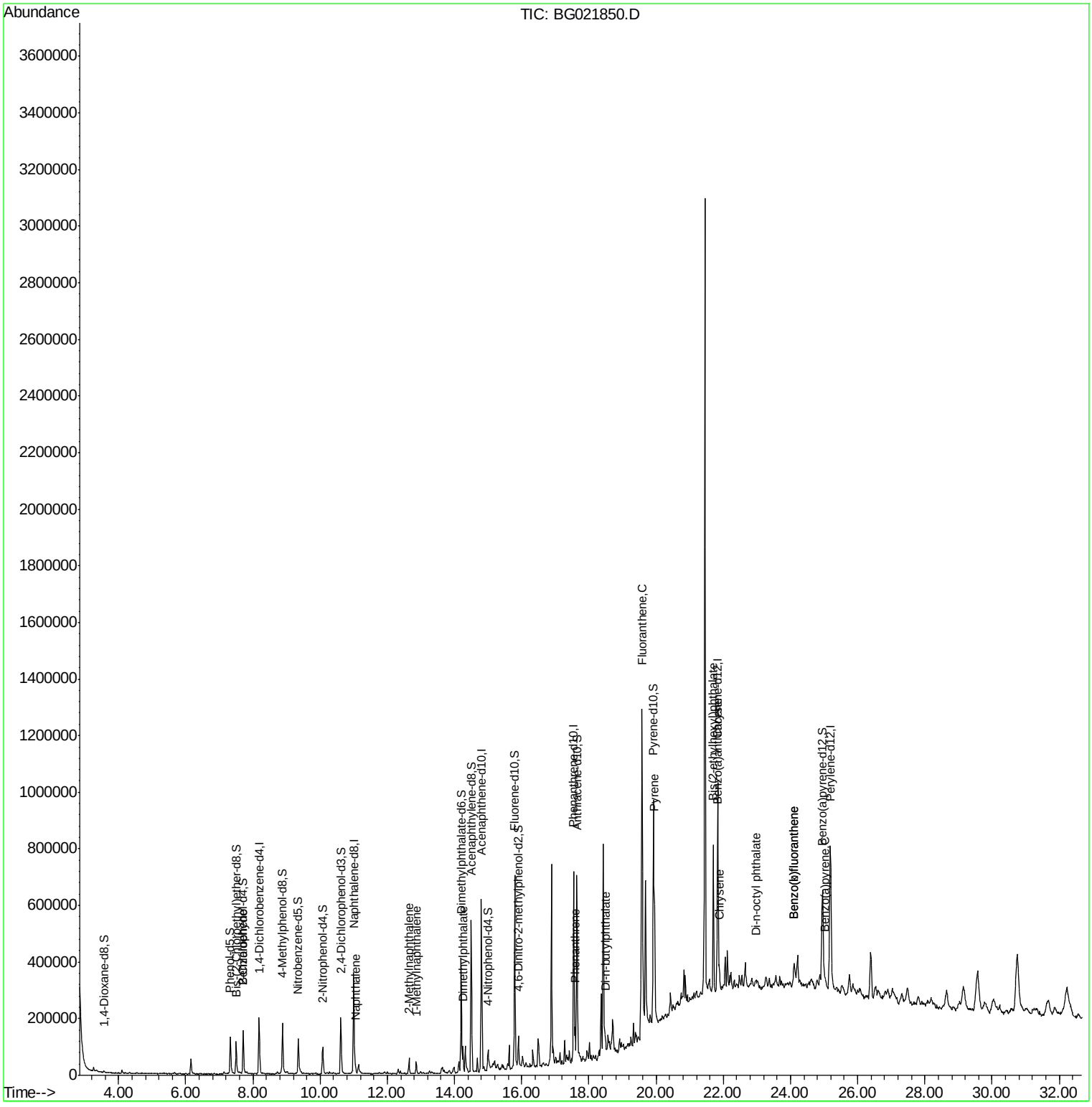
(#) = qualifier out of range (m) = manual integration (+) = signals summed

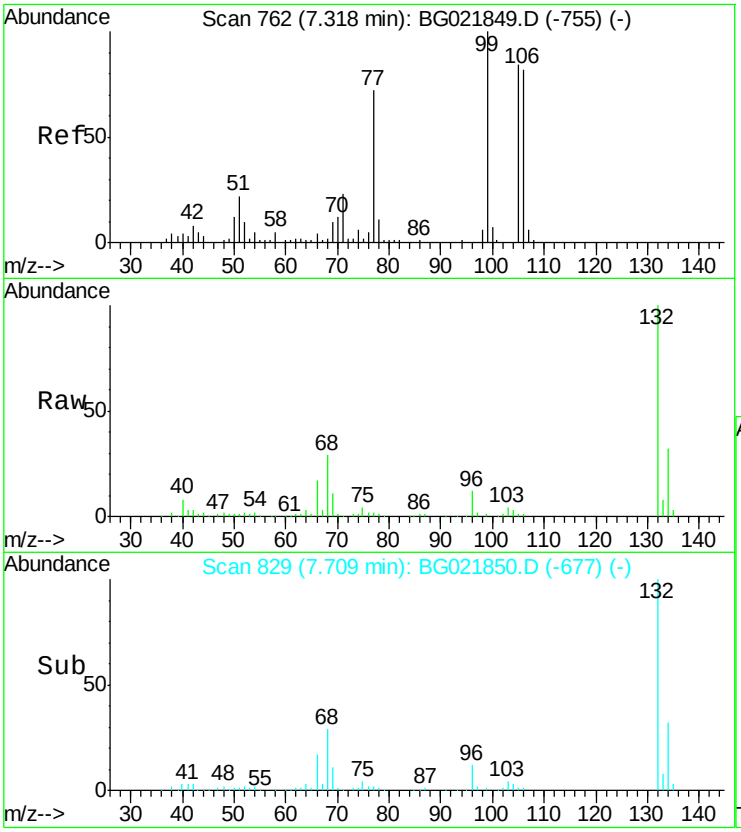
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021850.D
Acq On : 11 May 2016 19:00
Operator : UM/SJ
Sample : H2937-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9X95

Quant Time: May 12 07:32:25 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



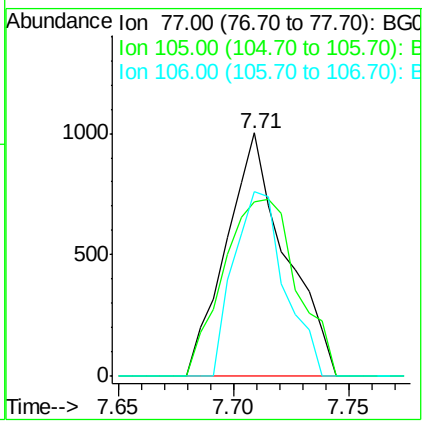


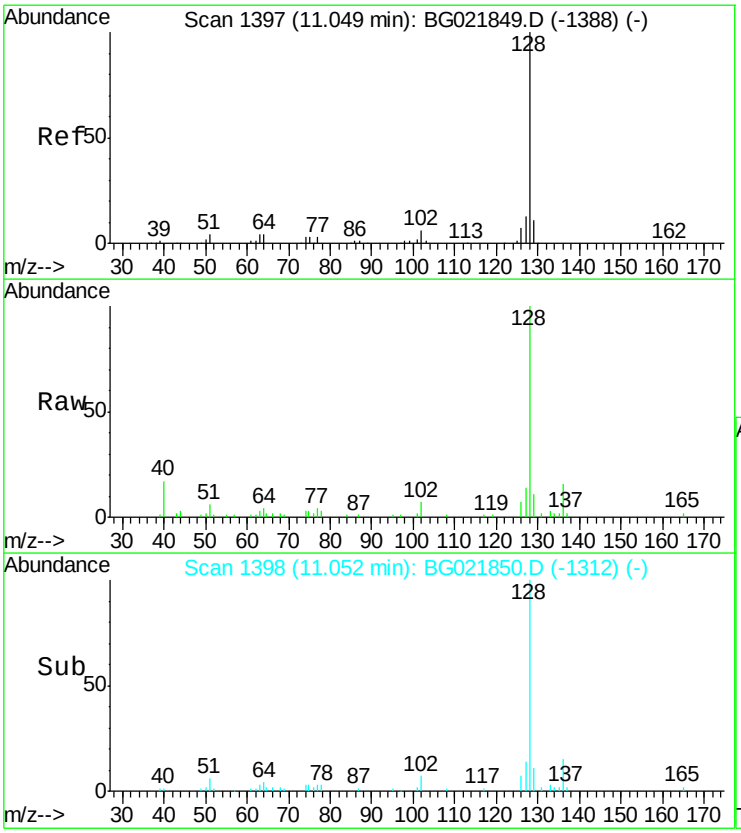
#4
Benzaldehyde
Concen: 2.69 ng/ul
RT: 7.71 min Scan# 829
Delta R.T. 0.39 min
Lab File: BG021850.D
Acq: 11 May 2016 19:00

Instrument :
BNA_G
ClientSampleId :
D9X95

Tgt Ion: 77 Resp: 1794

Ion	Ratio	Lower	Upper
77	100		
105	71.5	68.5	102.7
106	75.8	65.0	97.4

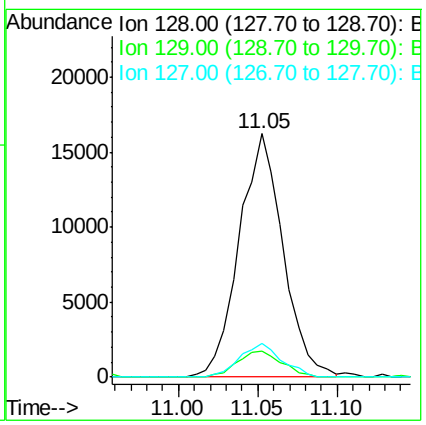


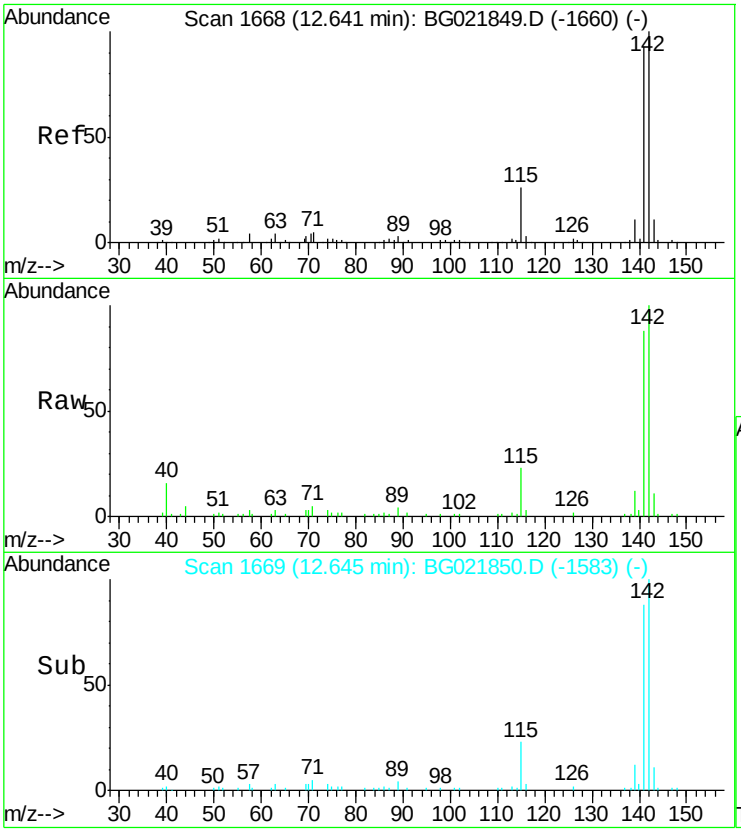


#28
Naphthalene
Concen: 1.51 ng/ul
RT: 11.05 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BG021850.D
Acq: 11 May 2016 19:00

Tgt Ion:128 Resp: 31181

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.3	12.5
127	13.6	10.8	16.2



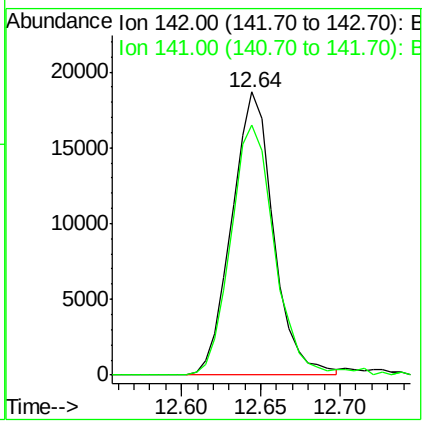


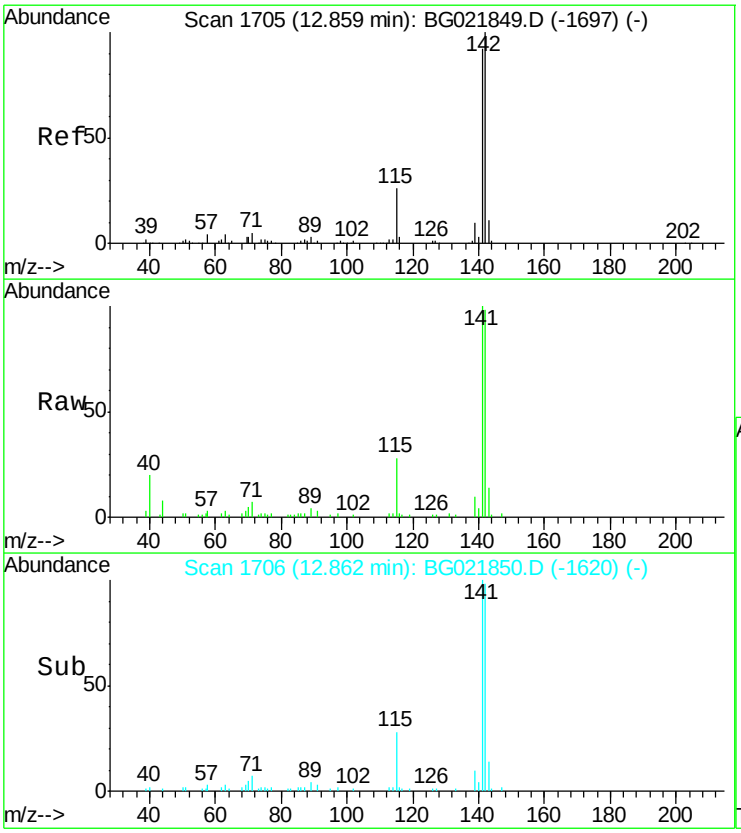
#34
2-Methylnaphthalene
Concen: 2.25 ng/ul
RT: 12.64 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BG021850.D
Acq: 11 May 2016 19:00

Instrument :
BNA_G
ClientSampleId :
D9X95

Tgt Ion:142 Resp: 34096

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.3	106.9

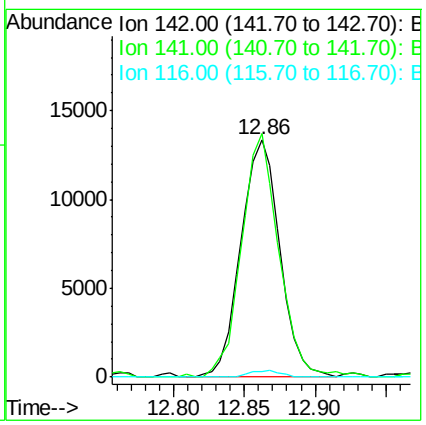


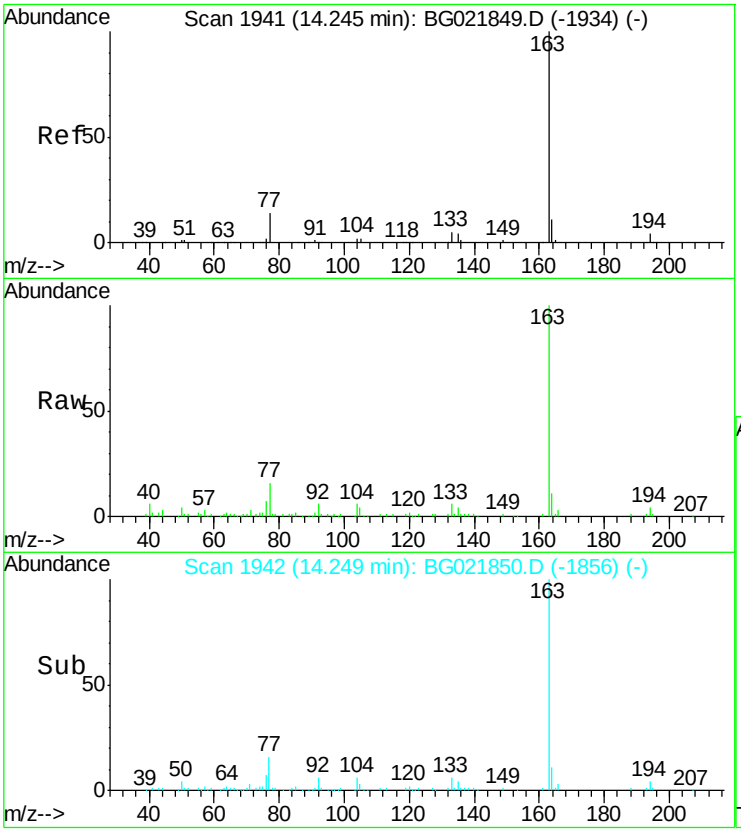


#35
1-Methylnaphthalene
Concen: 1.72 ng/ul
RT: 12.86 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BG021850.D
Acq: 11 May 2016 19:00

Tgt Ion:142 Resp: 25875

Ion	Ratio	Lower	Upper
142	100		
141	102.4	77.0	115.4
116	2.4	4.2	6.4#



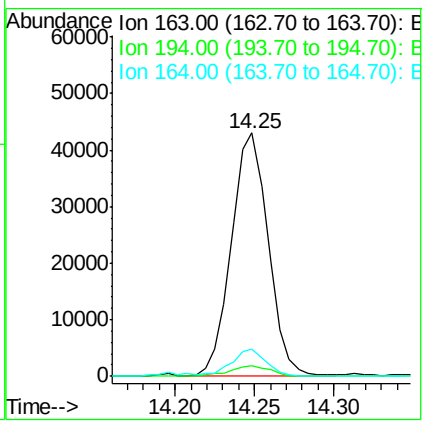


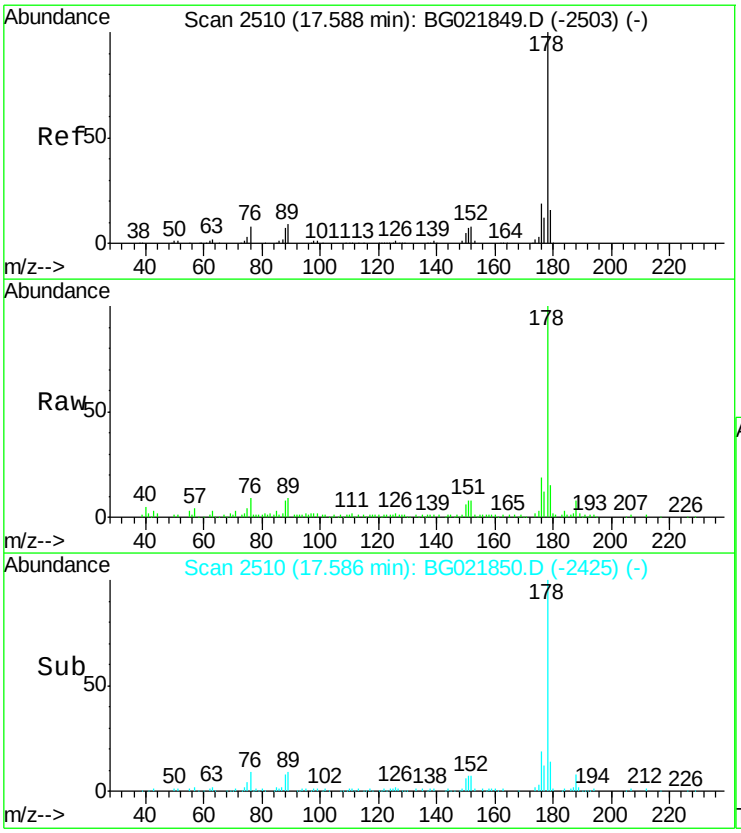
#45
Dimethylphthalate
Concen: 4.05 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG021850.D
Acq: 11 May 2016 19:00

Instrument :
BNA_G
ClientSampleId :
D9X95

Tgt Ion:163 Resp: 69563

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.9	5.9
164	11.2	8.7	13.1

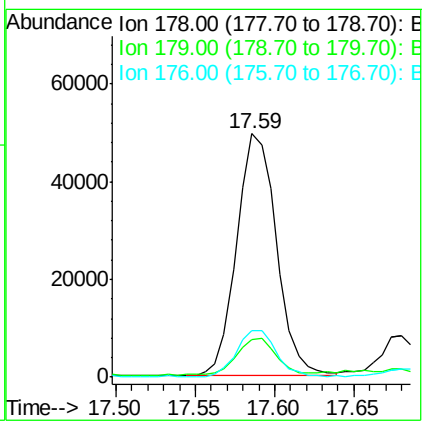


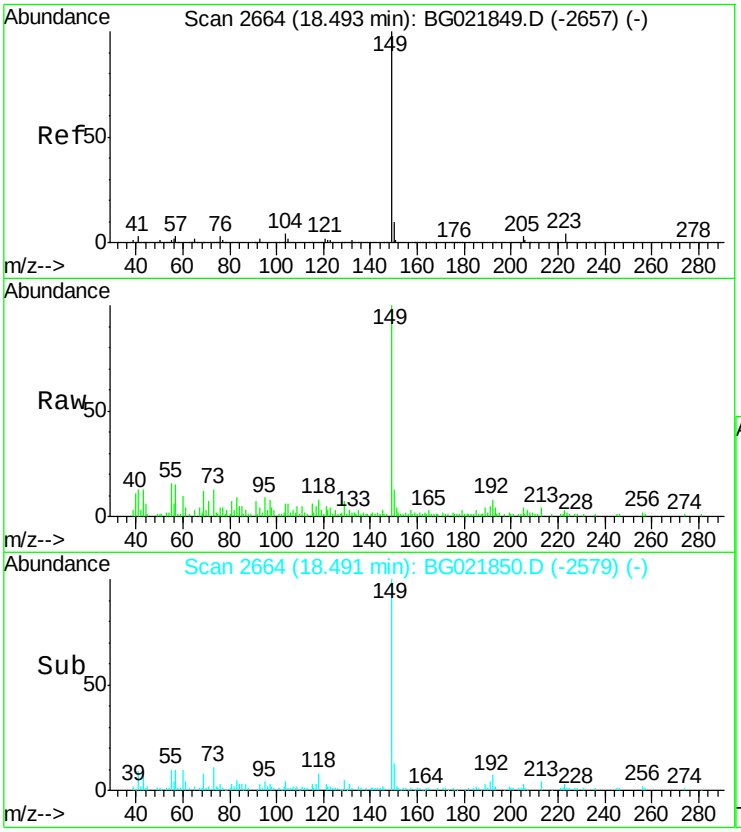


#70
Phenanthrene
Concen: 3.26 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BG021850.D
Acq: 11 May 2016 19:00

Tgt Ion:178 Resp: 85382

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.8	17.8
176	19.3	14.8	22.2



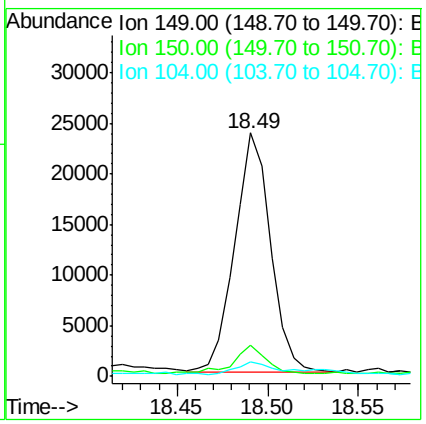


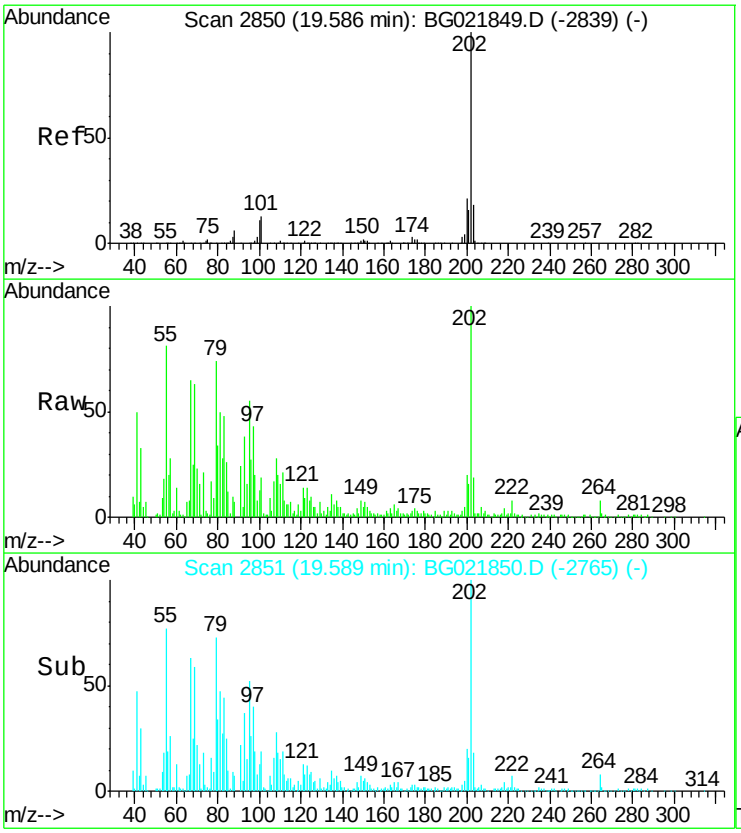
#74
Di-n-butylphthalate
Concen: 1.55 ng/ul
RT: 18.49 min Scan# 2664
Delta R.T. -0.00 min
Lab File: BG021850.D
Acq: 11 May 2016 19:00

Instrument : BNA_G
ClientSampleId : D9X95

Tgt Ion:149 Resp: 32493

Ion	Ratio	Lower	Upper
149	100		
150	12.6	7.5	11.3#
104	5.9	5.4	8.2

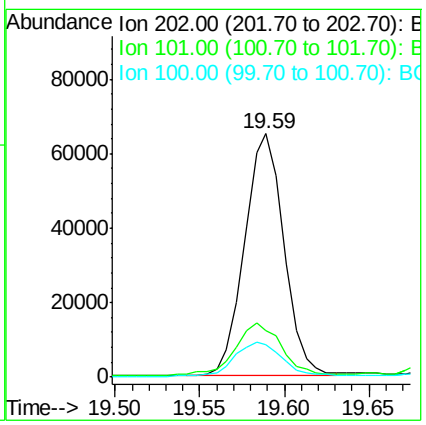


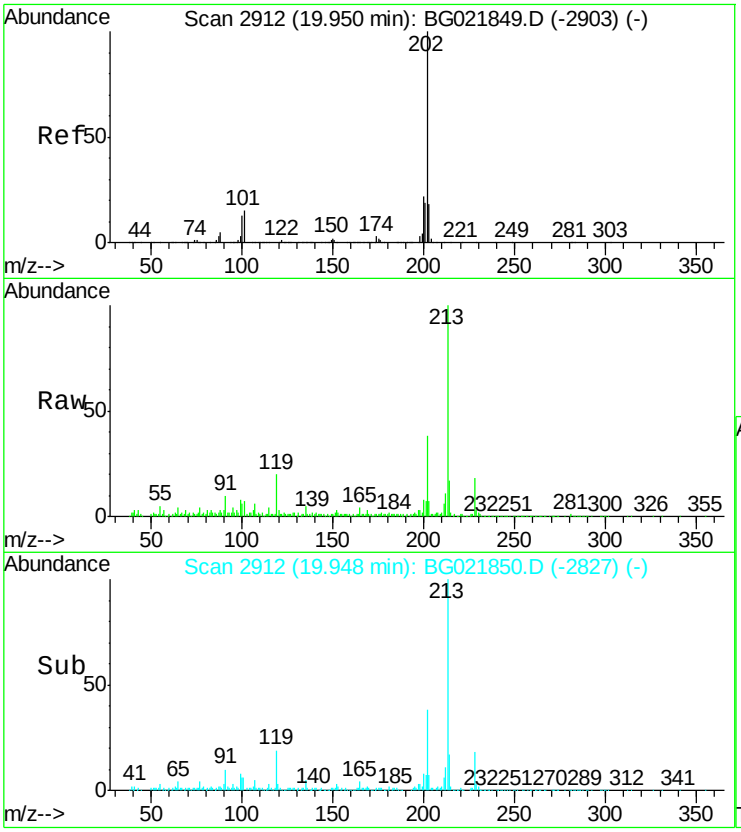


#75
Fluoranthene
Concen: 3.53 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG021850.D
Acq: 11 May 2016 19:00

Tgt Ion:202 Resp: 105170

Ion	Ratio	Lower	Upper
202	100		
101	19.1	8.9	13.3#
100	13.4	7.0	10.4#



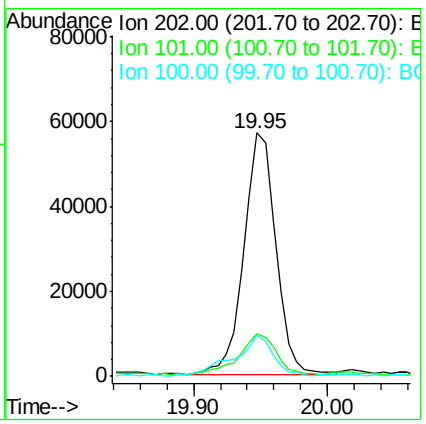


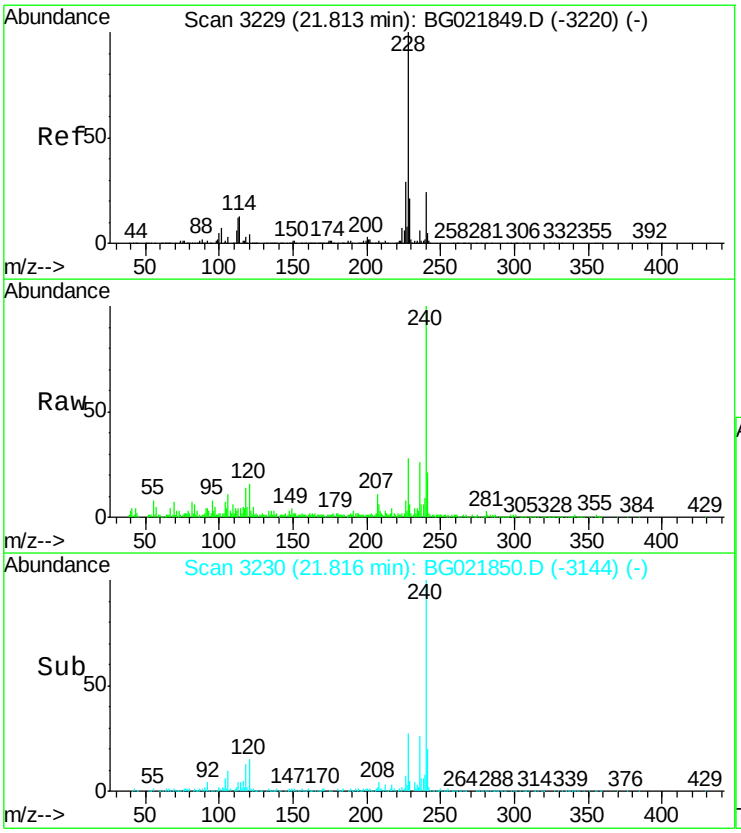
#78
Pyrene
Concen: 3.34 ng/ul
RT: 19.95 min Scan# 2912
Delta R.T. -0.00 min
Lab File: BG021850.D
Acq: 11 May 2016 19:00

Instrument :
BNA_G
ClientSampleId :
D9X95

Tgt Ion:202 Resp: 93518

Ion	Ratio	Lower	Upper
202	100		
101	17.3	9.8	14.8#
100	16.8	9.3	13.9#

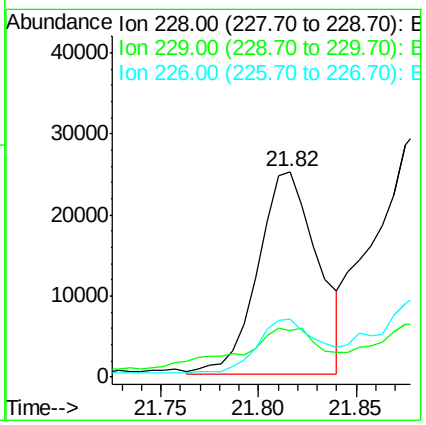


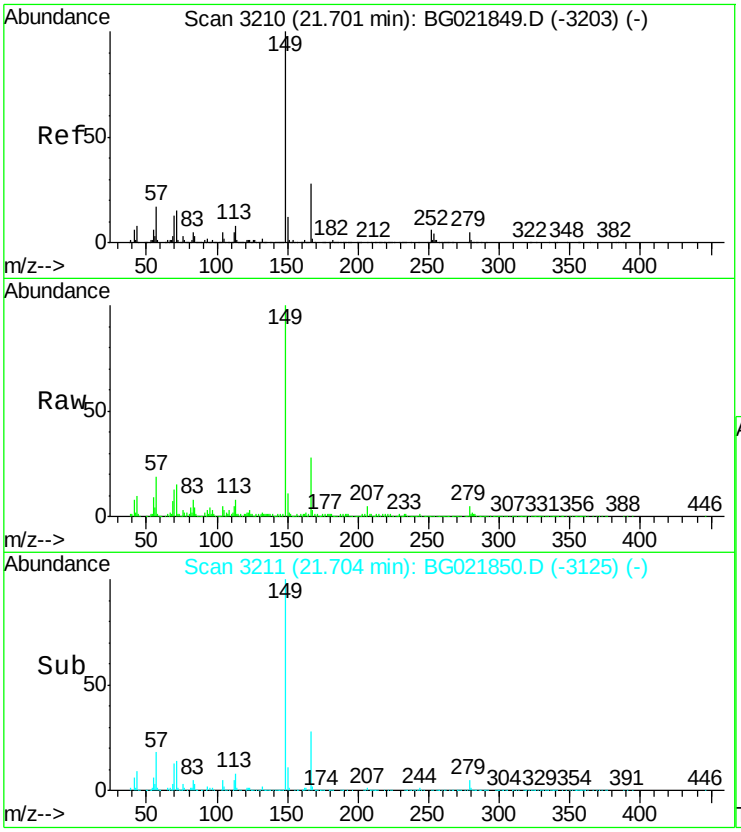


#81
Benzo(a)anthracene
Concen: 1.96 ng/ul
RT: 21.82 min Scan# 3230
Delta R.T. 0.00 min
Lab File: BG021850.D
Acq: 11 May 2016 19:00

Tgt Ion:228 Resp: 52845

Ion	Ratio	Lower	Upper
228	100		
229	22.5	16.6	25.0
226	28.4	21.0	31.4



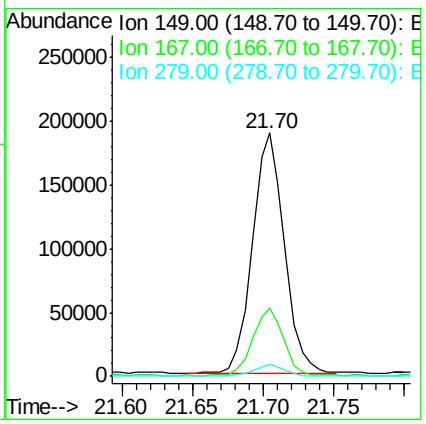


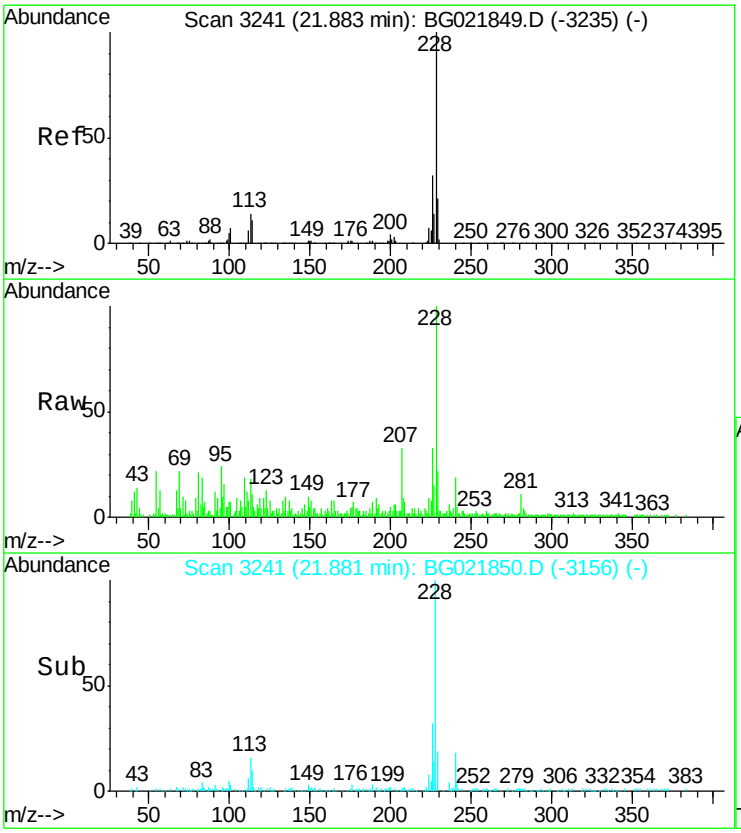
#82
Bis(2-ethylhexyl)phthalate
Concen: 29.37 ng/ul
RT: 21.70 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BG021850.D
Acq: 11 May 2016 19:00

Instrument :
BNA_G
ClientSampleId :
D9X95

Tgt Ion:149 Resp: 296579

Ion	Ratio	Lower	Upper
149	100		
167	28.2	20.5	30.7
279	4.8	3.7	5.5

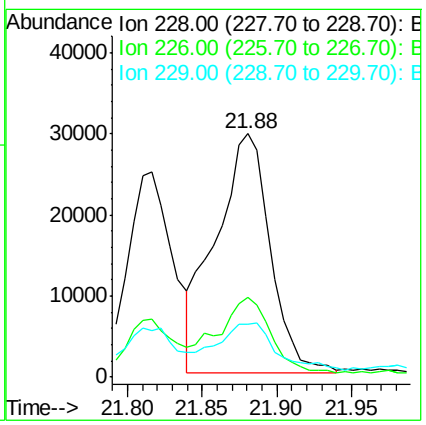


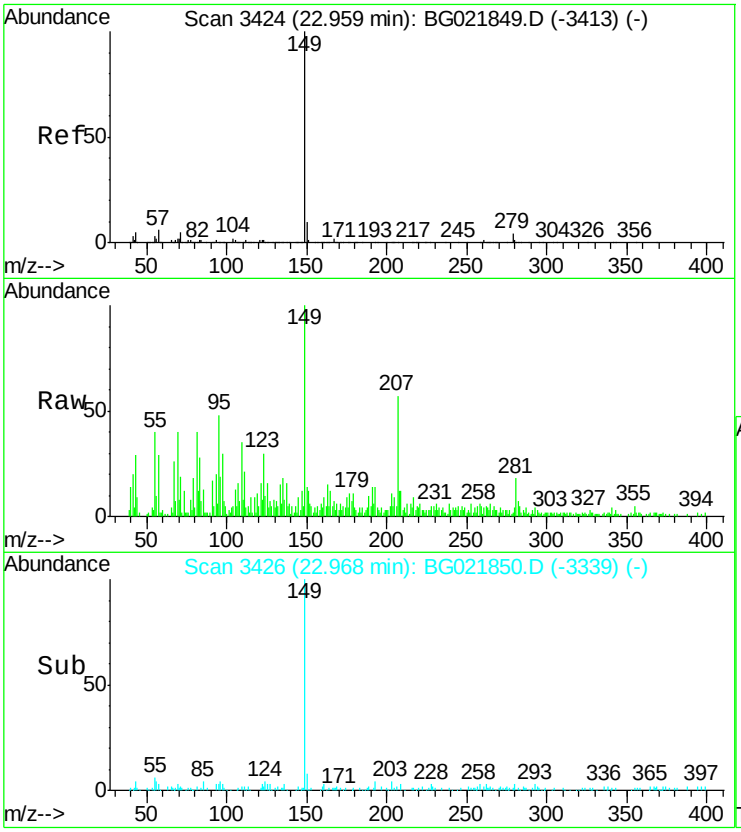


#83
Chrysene
Concen: 2.83 ng/ul
RT: 21.88 min Scan# 3241
Delta R.T. -0.00 min
Lab File: BG021850.D
Acq: 11 May 2016 19:00

Tgt Ion:228 Resp: 75436

Ion	Ratio	Lower	Upper
228	100		
226	32.9	23.4	35.2
229	21.8	16.2	24.2

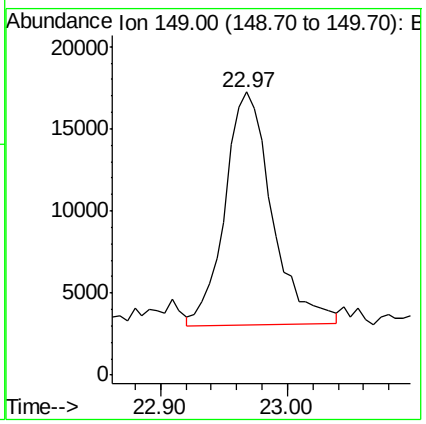


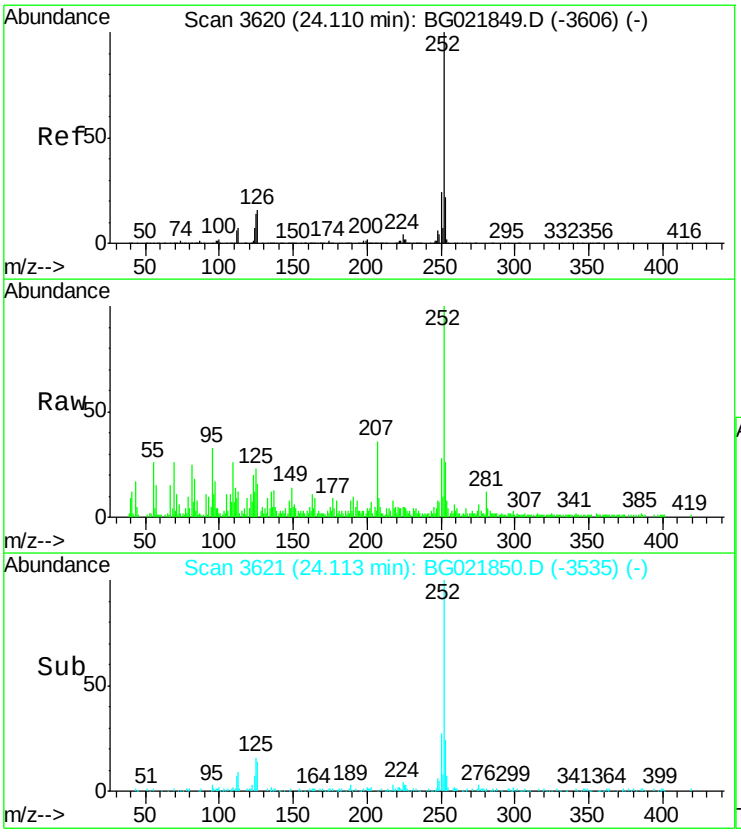


#85
Di-n-octyl phthalate
Concen: 1.82 ng/ul
RT: 22.97 min Scan# 3426
Delta R.T. 0.01 min
Lab File: BG021850.D
Acq: 11 May 2016 19:00

Instrument :
BNA_G
ClientSampleId :
D9X95

Tgt Ion:149 Resp: 36350

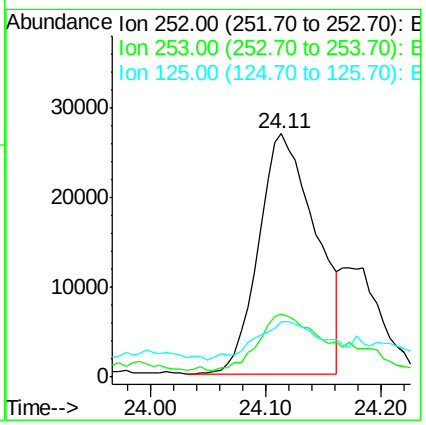


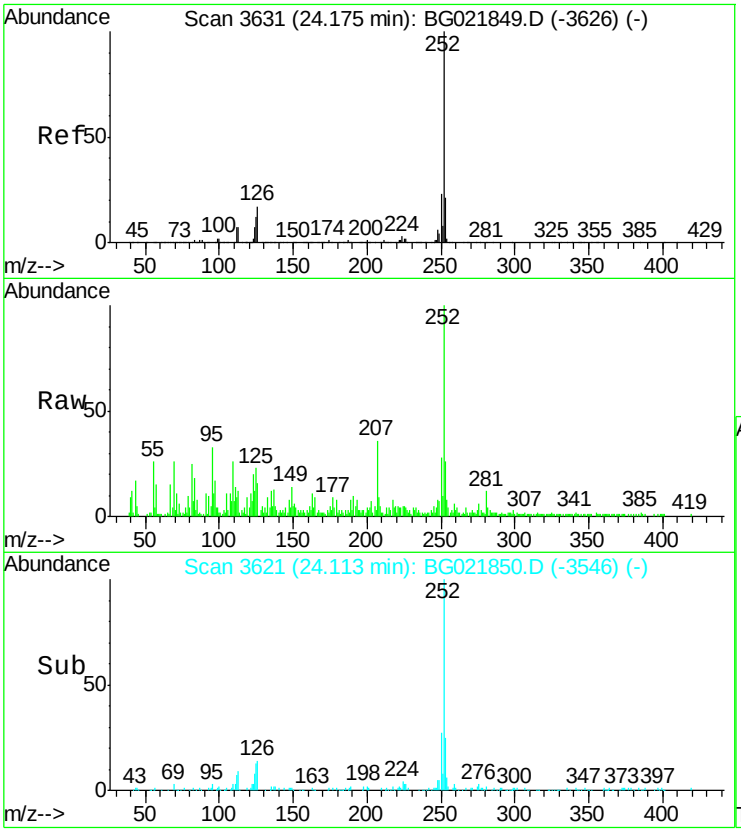


#86
Benzo(b)fluoranthene
Concen: 3.34 ng/ul
RT: 24.11 min Scan# 3621
Delta R.T. 0.00 min
Lab File: BG021850.D
Acq: 11 May 2016 19:00

Tgt Ion:252 Resp: 92681

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.1	27.1
125	22.8	7.6	11.4#



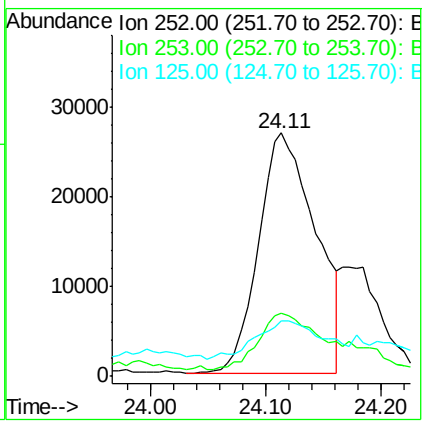


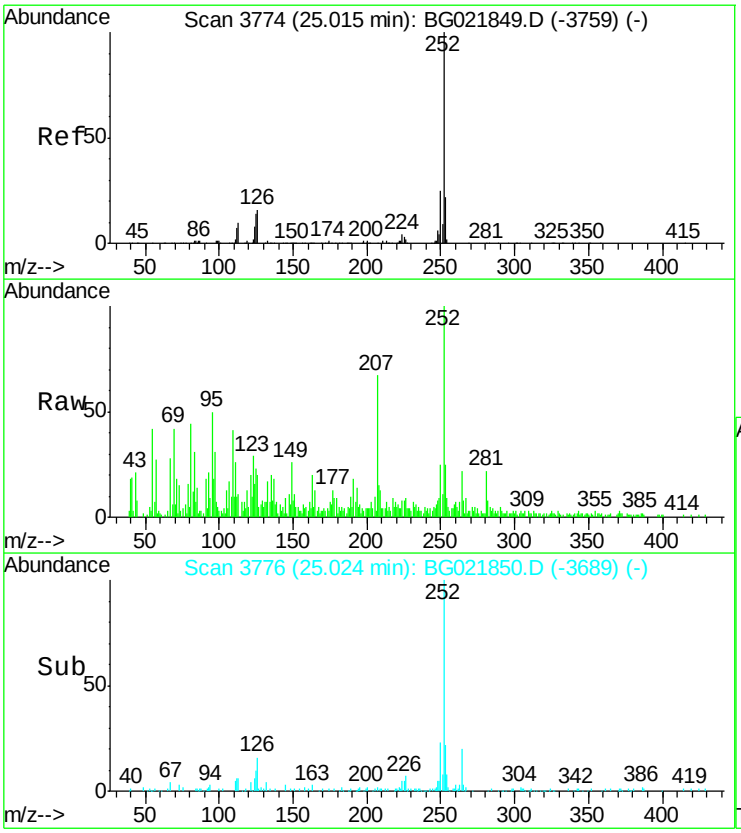
#87
Benzo(k)fluoranthene
Concen: 3.12 ng/ul
RT: 24.11 min Scan# 3621
Delta R.T. -0.06 min
Lab File: BG021850.D
Acq: 11 May 2016 19:00

Instrument :
BNA_G
ClientSampleId :
D9X95

Tgt Ion:252 Resp: 92681

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.8	26.8
125	22.8	7.7	11.5#





#89
Benzo(a)pyrene
Concen: 1.72 ng/ul
RT: 25.02 min Scan# 3776
Delta R.T. 0.01 min
Lab File: BG021850.D
Acq: 11 May 2016 19:00

Tgt Ion:252 Resp: 47536

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.4	26.0
125	22.6	8.2	12.2#