Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082117\
Data File : BG028403.D
Acq On : 22 Aug 2017 00:39
Operator : SJ/JU
Sample : I4687-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH2

Quant Time: Aug 22 13:58:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 22 04:33:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	40992	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	192320	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	135962	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	315169	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	378791	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	379225	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	3846	4.37	ng/uL	0.00
5) Phenol-d5	7.49	99	99215	22.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	69737	24.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	78720	27.72	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	71436	18.99	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	42301	28.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	53144	32.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	100422	29.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	53898	14.19	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	353022	29.19	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	414764	30.42	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	36753	19.11	ng/ul	0.00
57) Fluorene-d10	15.94	176	310309	28.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	48144	23.51	ng/ul	0.00
70) Anthracene-d10	17.80	188	483898	32.02	ng/ul	0.00
76) Pyrene-d10	20.07	212	582997	30.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	573031	32.28	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.52	94	12824	2.866	ng/ul#	89
28) Naphthalene	11.21	128	51274	5.383	ng/ul	99
34) 2-Methylnaphthalene	12.79	142	55262	7.223	ng/ul	88
44) Dimethylphthalate	14.39	163	128482	11.539	ng/ul	99
53) Dibenzofuran	15.34	168	19814	1.546	ng/ul	90
69) Phenanthrene	17.74	178	132137	8.331	ng/ul	98
71) Anthracene	17.84	178	22895	1.412	ng/ul	99
72) Carbazole	18.10	167	16368	1.161	ng/ul#	90
74) Fluoranthene	19.74	202	285900	14.832	ng/ul	99
77) Pyrene	20.10	202	261689	11.580	ng/ul	98
78) Butylbenzylphthalate	20.96	149	9261	1.094	ng/ul#	64
80) Benzo(a)anthracene	22.01	228	177618	8.115	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.86	149	21216	1.762	ng/ul#	97
82) Chrysene	22.01	228	177618	9.011	ng/ul	97
85) Benzo(b)fluoranthene	24.42	252	286018	12.604	ng/ul#	96
88) Benzo(a)pyrene	25.38	252	177299	8.069	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.57	276	133734	5.198	ng/ul#	91
91) Benzo(g,h,i)perylene	30.84	276	126862	5.993	ng/ul#	90

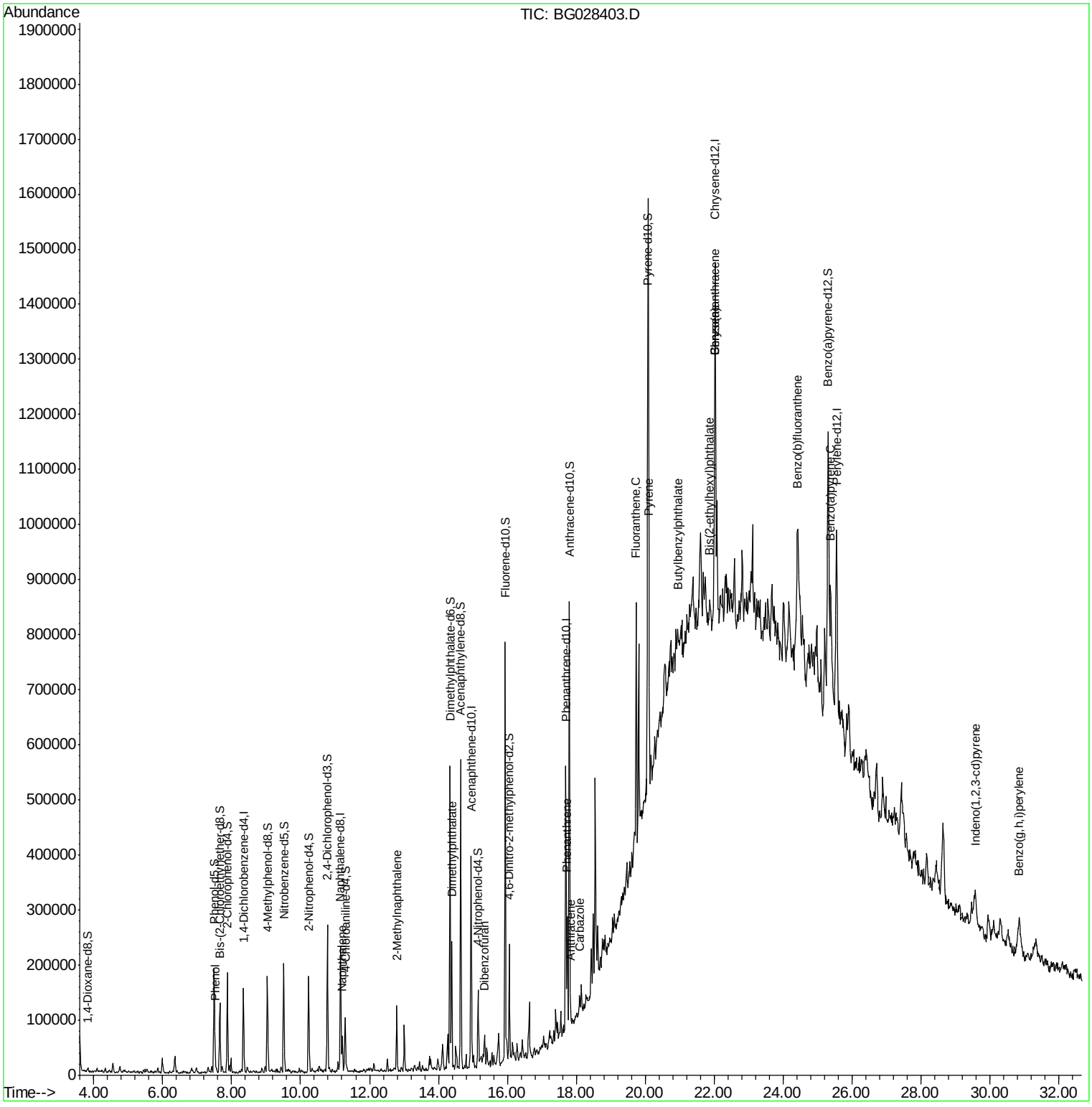
(#) = qualifier out of range (m) = manual integration (+) = signals summed

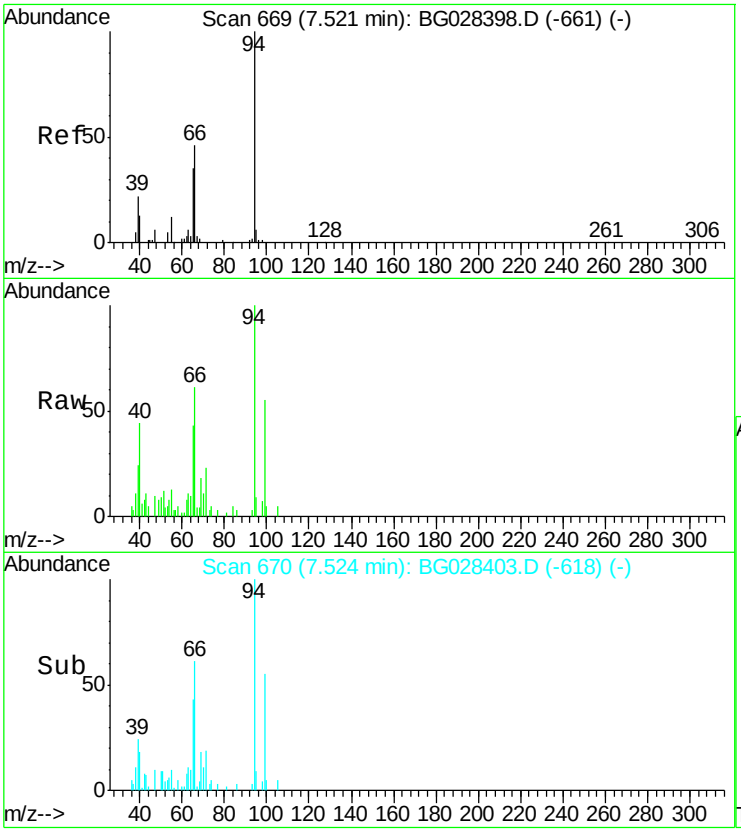
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082117\
Data File : BG028403.D
Acq On : 22 Aug 2017 00:39
Operator : SJ/JU
Sample : I4687-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AH2

Quant Time: Aug 22 13:58:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 22 04:33:26 2017
Response via : Initial Calibration



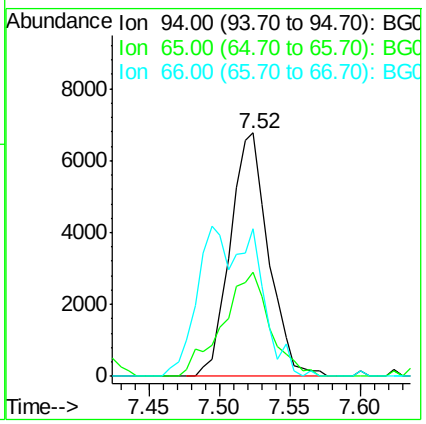


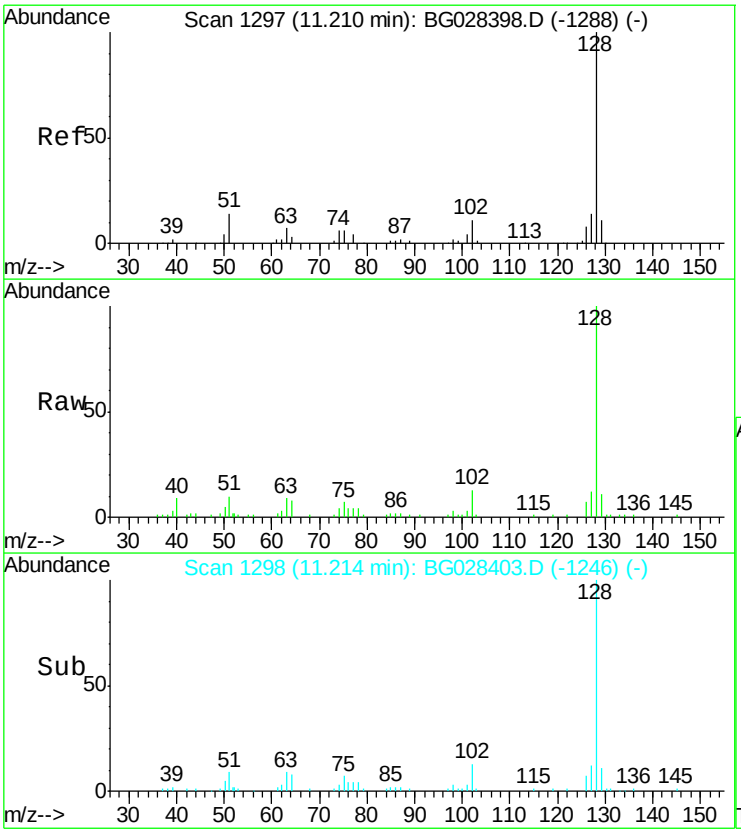
#6
Phenol
Concen: 2.866 ng/ul
RT: 7.52 min Scan# 670
Delta R.T. 0.00 min
Lab File: BG028403.D
Acq: 22 Aug 2017 00:39

Instrument :
BNA_G
ClientSampleId :
C0AH2

Tgt Ion: 94 Resp: 12824

Ion	Ratio	Lower	Upper
94	100		
65	42.8	26.8	40.2#
66	60.9	44.4	66.6

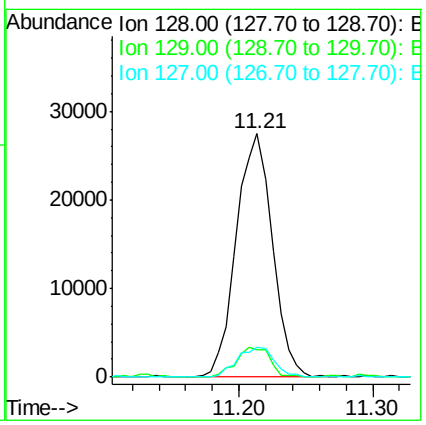


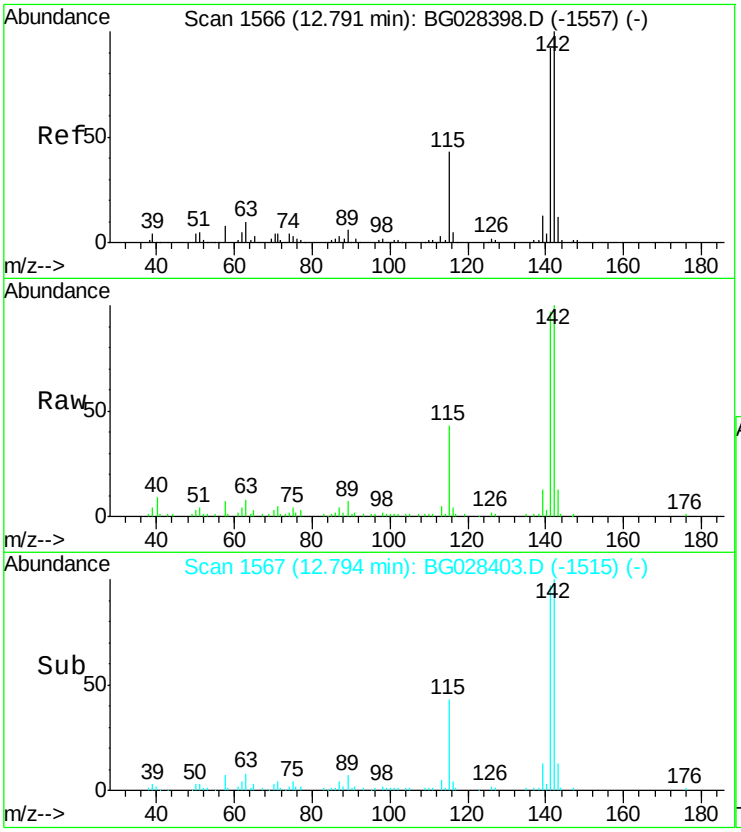


#28
Naphthalene
Concen: 5.383 ng/ul
RT: 11.21 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG028403.D
Acq: 22 Aug 2017 00:39

Tgt Ion:128 Resp: 51274

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	12.5	10.3	15.5



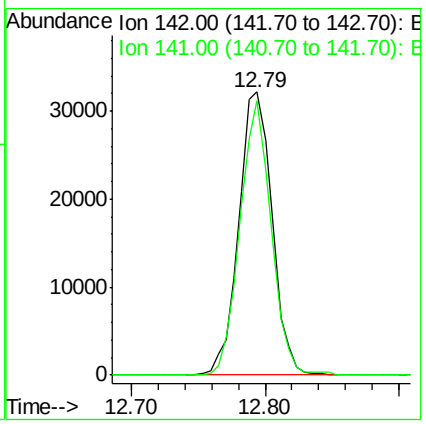


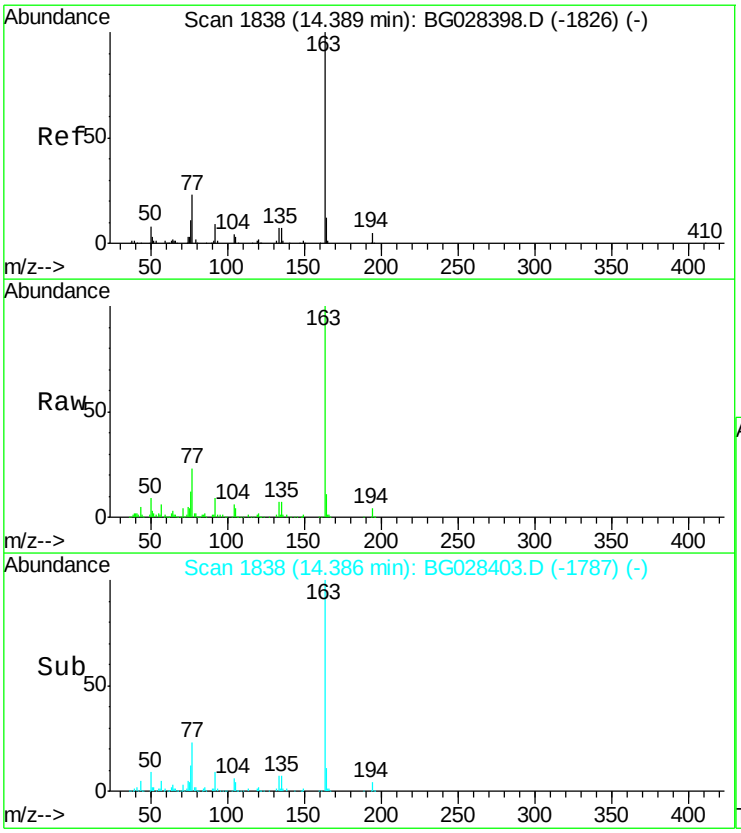
#34
2-Methylnaphthalene
Concen: 7.223 ng/ul
RT: 12.79 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BG028403.D
Acq: 22 Aug 2017 00:39

Instrument :
BNA_G
ClientSampleId :
C0AH2

Tgt Ion:142 Resp: 55262

Ion	Ratio	Lower	Upper
142	100		
141	97.0	68.6	102.8

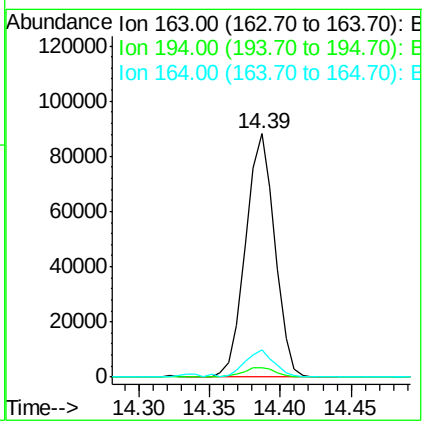


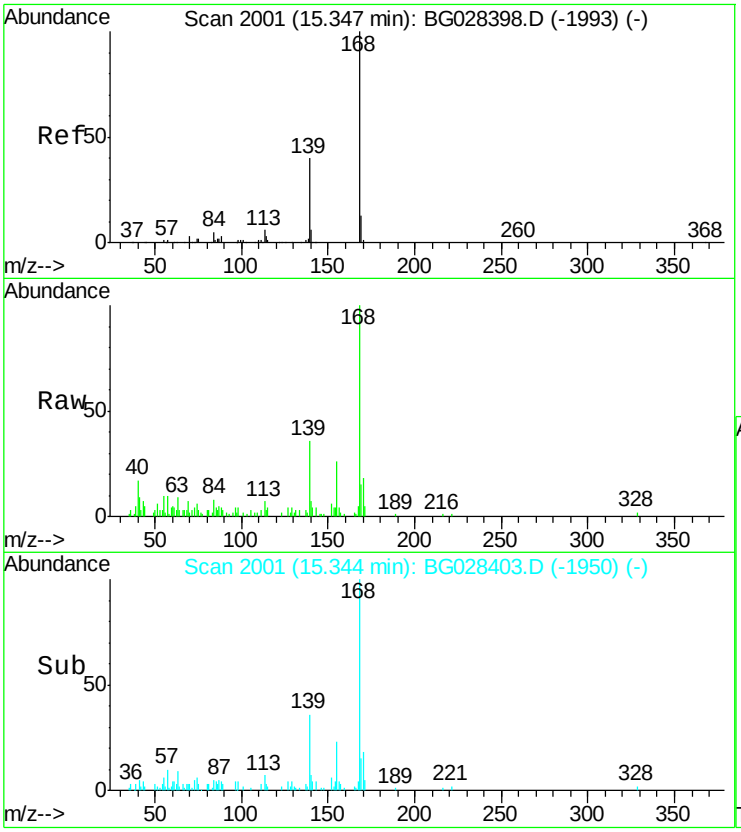


#44
Dimethylphthalate
Concen: 11.539 ng/ul
RT: 14.39 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BG028403.D
Acq: 22 Aug 2017 00:39

Tgt Ion:163 Resp: 128482

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	11.0	9.0	13.4



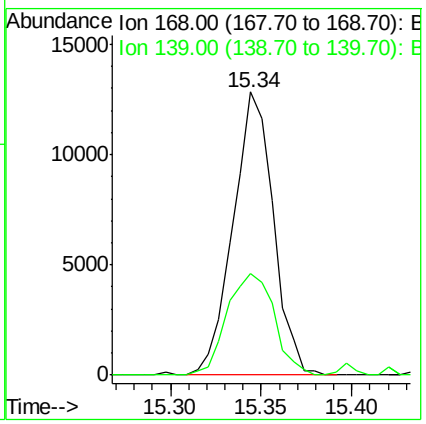


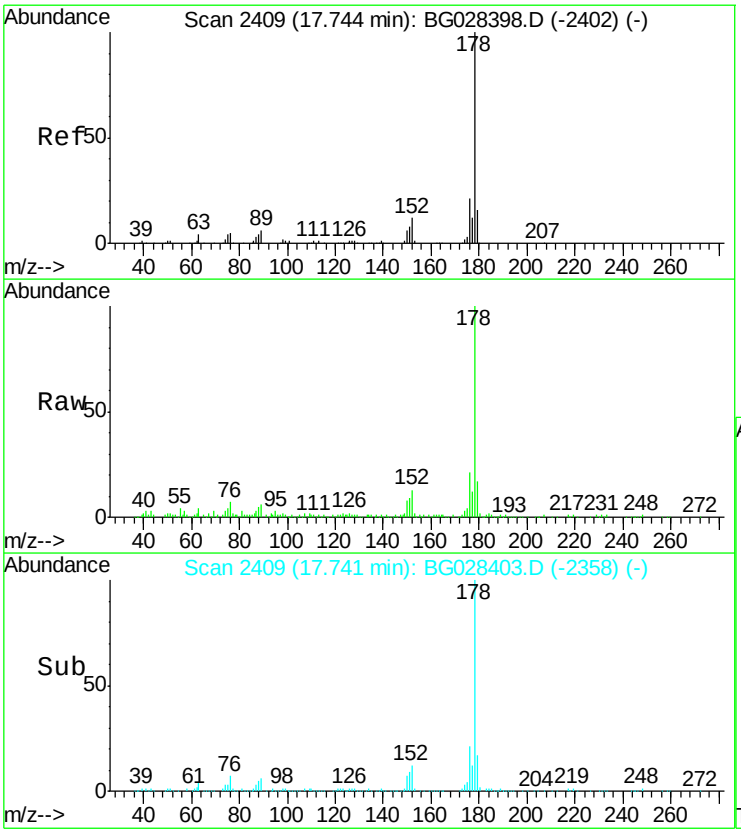
#53
Dibenzofuran
Concen: 1.546 ng/ul
RT: 15.34 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG028403.D
Acq: 22 Aug 2017 00:39

Instrument :
BNA_G
ClientSampleId :
C0AH2

Tgt Ion:168 Resp: 19814

Ion	Ratio	Lower	Upper
168	100		
139	36.0	33.8	50.8

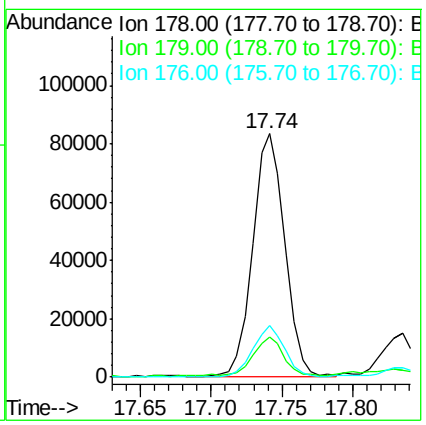


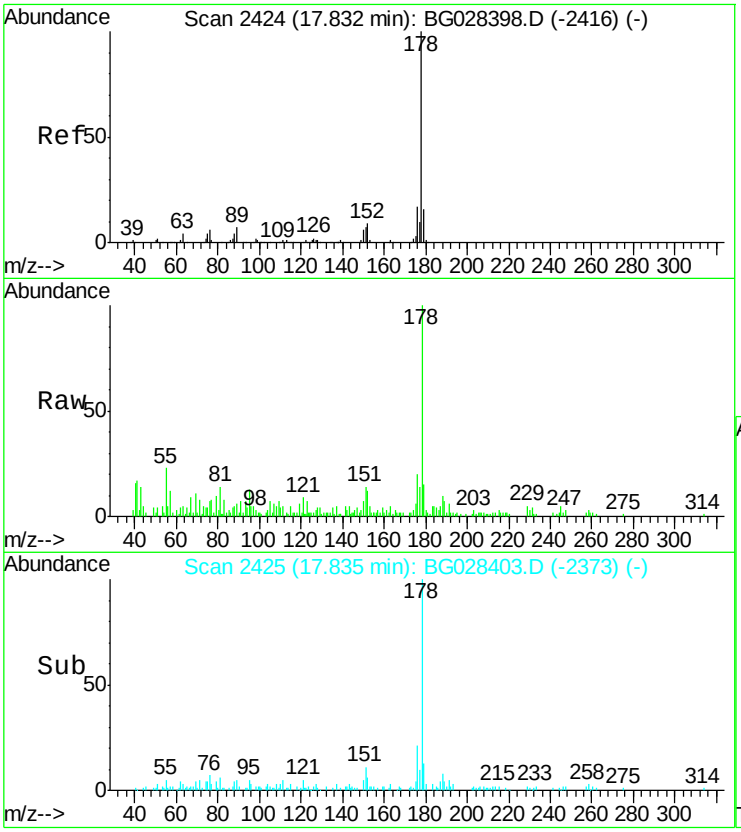


#69
Phenanthrene
Concen: 8.331 ng/ul
RT: 17.74 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BG028403.D
Acq: 22 Aug 2017 00:39

Tgt Ion:178 Resp: 132137

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.4	18.6
176	21.0	16.5	24.7



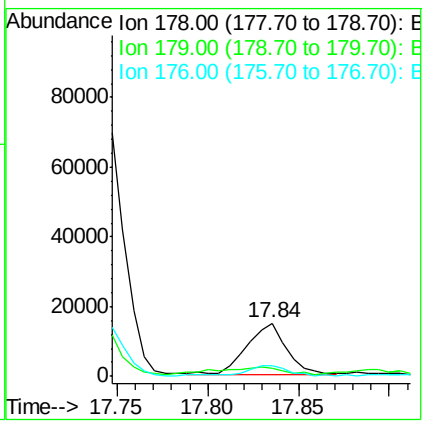


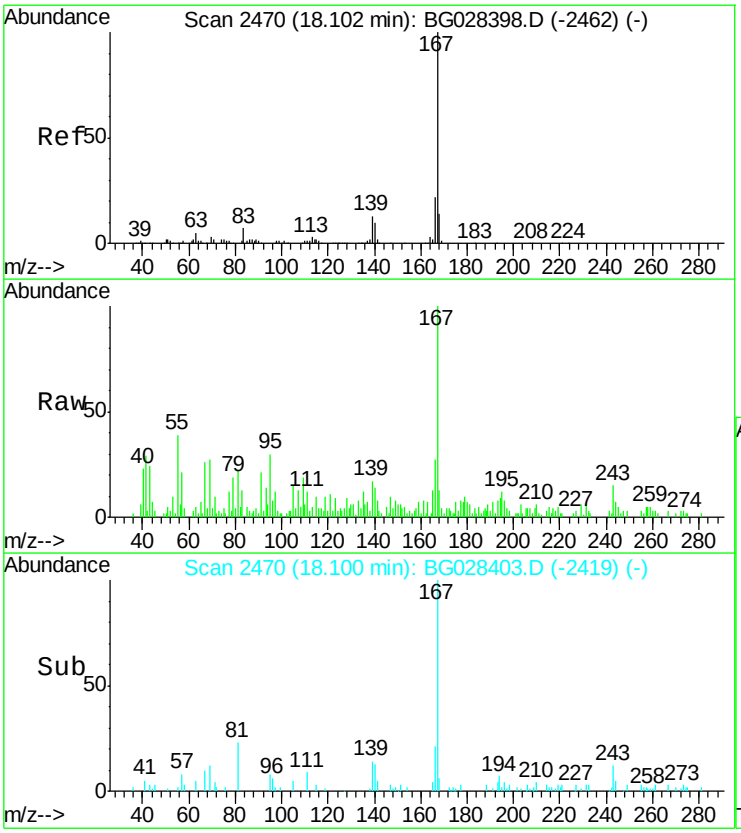
#71
Anthracene
Concen: 1.412 ng/ul
RT: 17.84 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG028403.D
Acq: 22 Aug 2017 00:39

Instrument :
BNA_G
ClientSampleId :
C0AH2

Tgt Ion:178 Resp: 22895

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	20.2	15.9	23.9

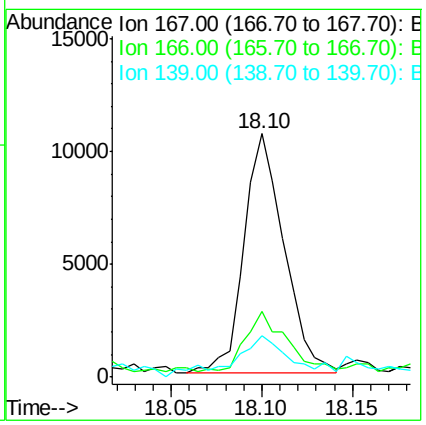


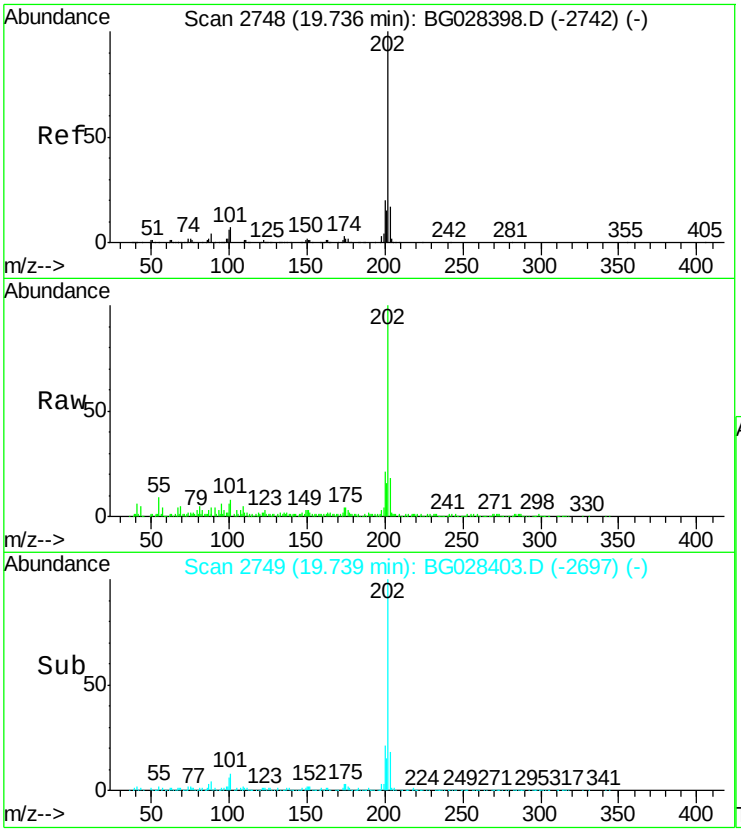


#72
Carbazole
Concen: 1.161 ng/ul
RT: 18.10 min Scan# 2470
Delta R.T. -0.00 min
Lab File: BG028403.D
Acq: 22 Aug 2017 00:39

Tgt Ion:167 Resp: 16368

Ion	Ratio	Lower	Upper
167	100		
166	27.2	17.9	26.9#
139	17.2	10.5	15.7#



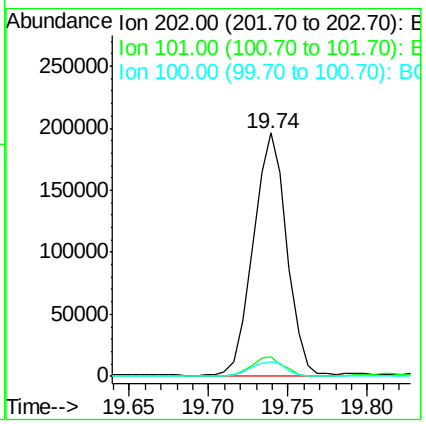


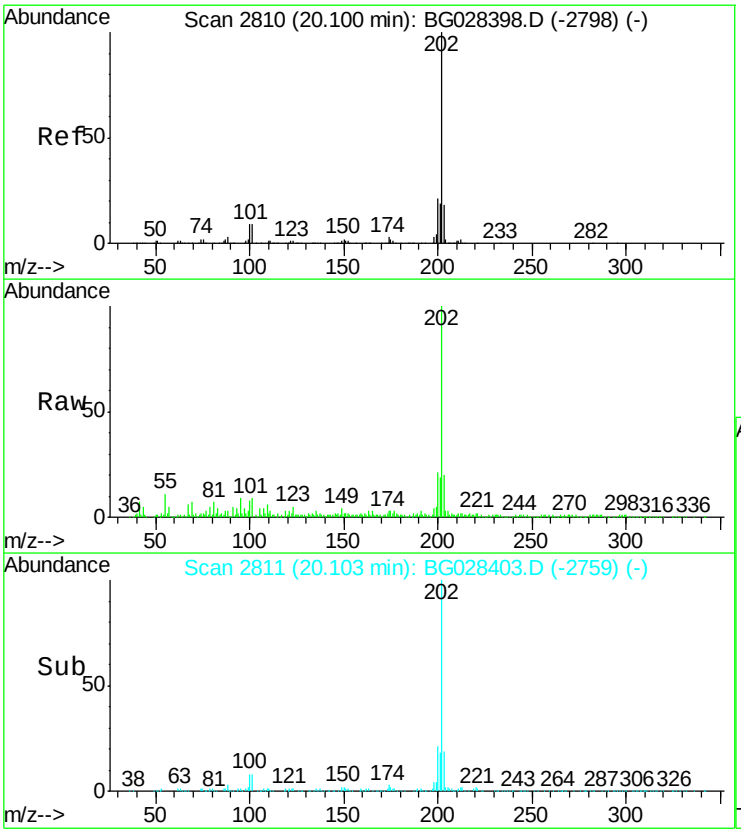
#74
Fluoranthene
Concen: 14.832 ng/ul
RT: 19.74 min Scan# 2749
Delta R.T. 0.00 min
Lab File: BG028403.D
Acq: 22 Aug 2017 00:39

Instrument :
BNA_G
ClientSampleId :
C0AH2

Tgt Ion:202 Resp: 285900

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.2	9.2
100	6.1	5.2	7.8

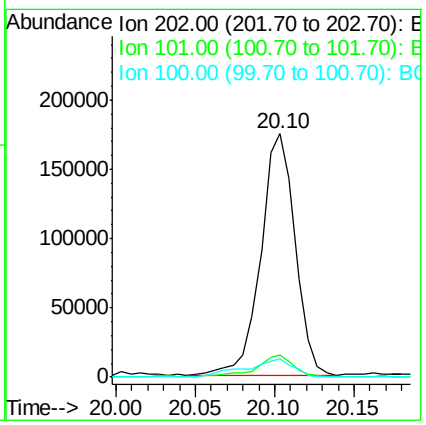


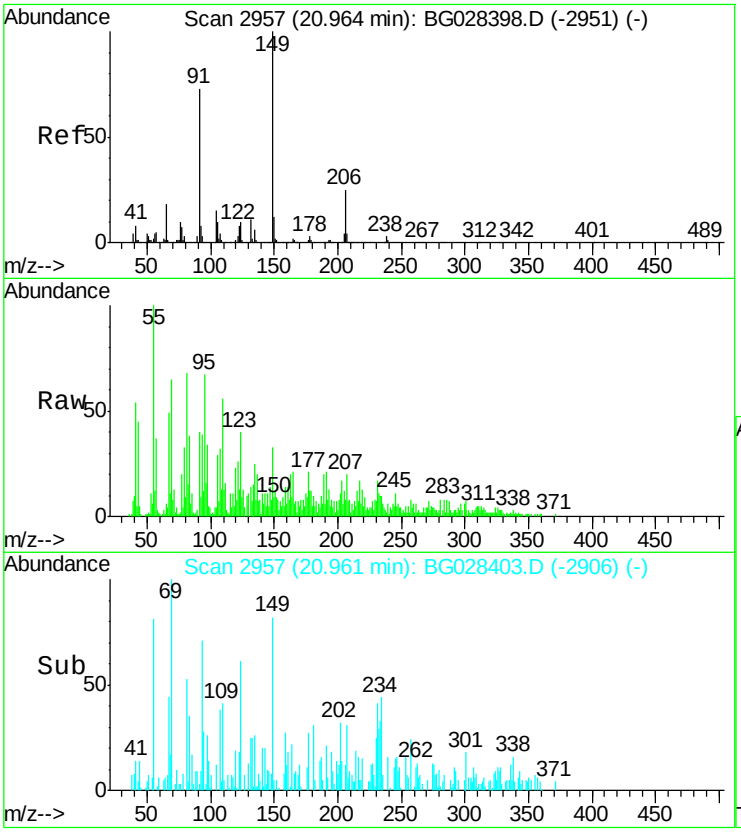


#77
Pyrene
Concen: 11.580 ng/ul
RT: 20.10 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BG028403.D
Acq: 22 Aug 2017 00:39

Tgt Ion:202 Resp: 261689

Ion	Ratio	Lower	Upper
202	100		
101	9.1	6.9	10.3
100	7.7	6.6	10.0



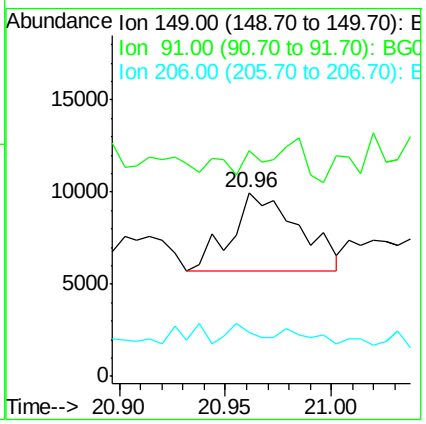


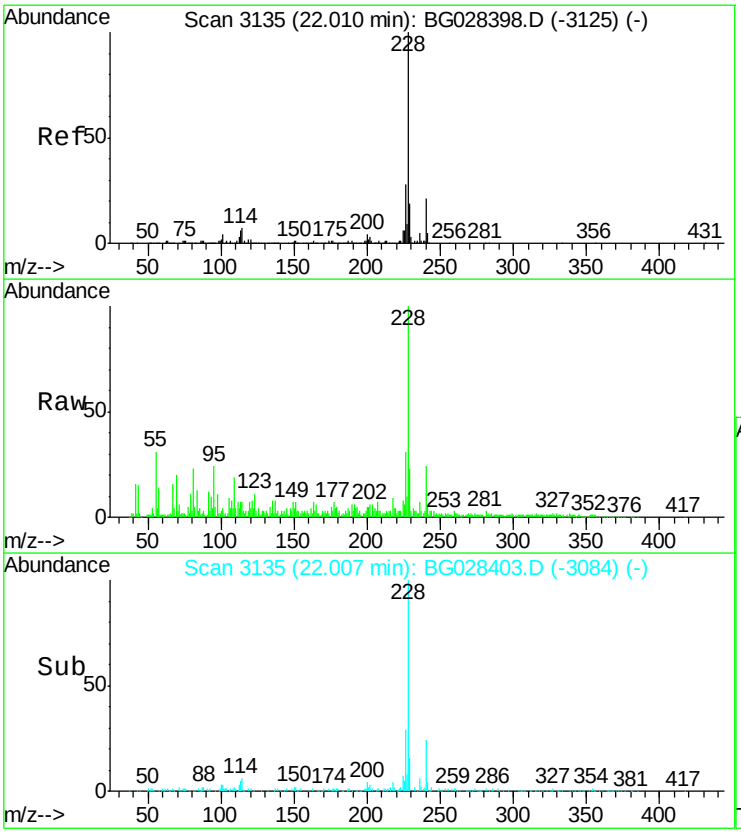
#78
Butylbenzylphthalate
Concen: 1.094 ng/ul
RT: 20.96 min Scan# 2957
Delta R.T. -0.00 min
Lab File: BG028403.D
Acq: 22 Aug 2017 00:39

Instrument :
BNA_G
ClientSampleId :
C0AH2

Tgt Ion:149 Resp: 9261

Ion	Ratio	Lower	Upper
149	100		
91	123.2	65.8	98.6#
206	23.9	20.1	30.1

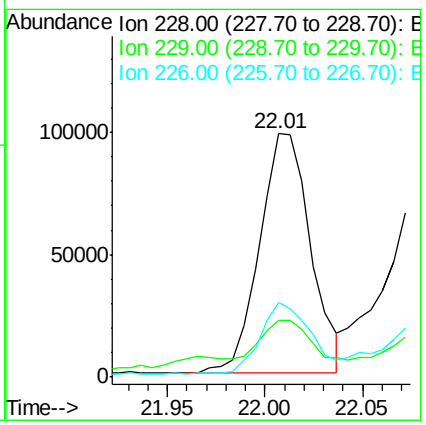


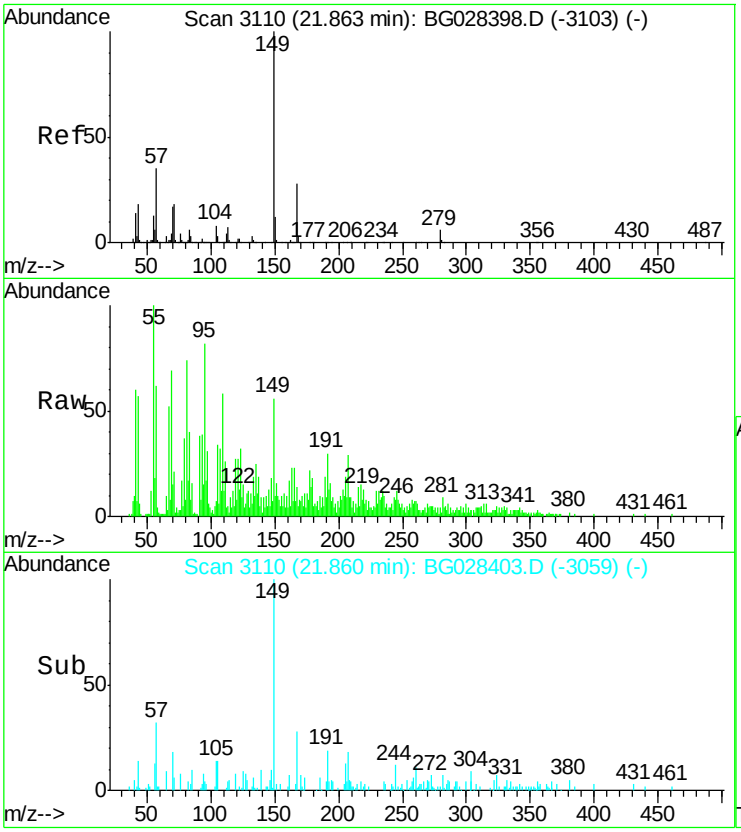


#80
Benzo(a)anthracene
Concen: 8.115 ng/ul
RT: 22.01 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG028403.D
Acq: 22 Aug 2017 00:39

Tgt Ion:228 Resp: 177618

Ion	Ratio	Lower	Upper
228	100		
229	23.2	16.3	24.5
226	30.8	21.9	32.9



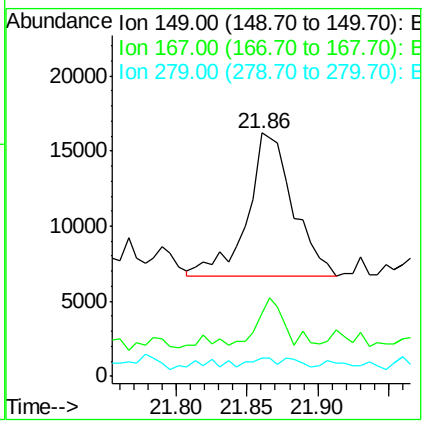


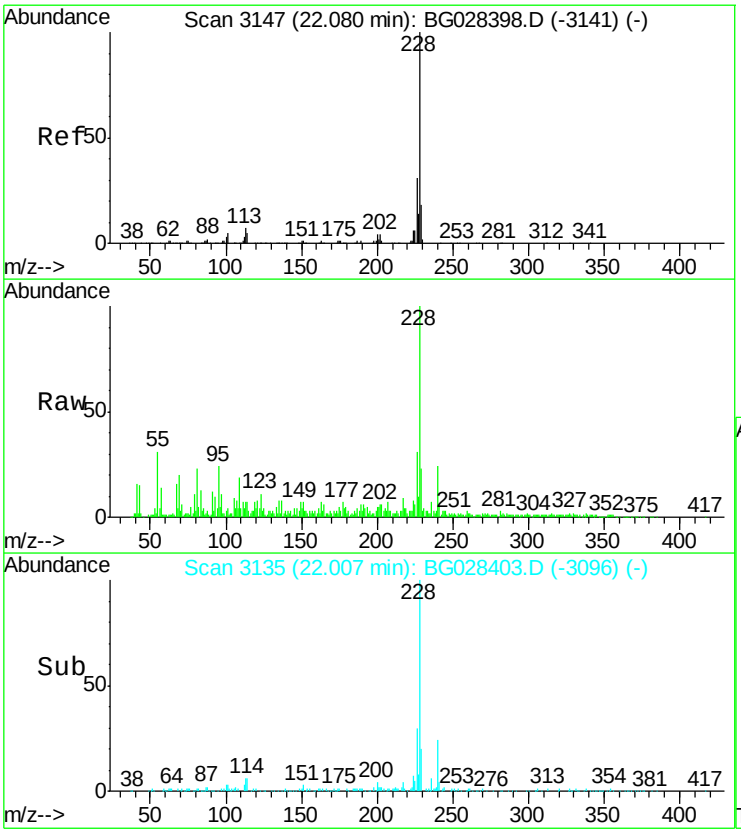
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.762 ng/ul
RT: 21.86 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BG028403.D
Acq: 22 Aug 2017 00:39

Instrument :
BNA_G
ClientSampleId :
C0AH2

Tgt Ion:149 Resp: 21216

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.8	32.8
279	7.4	4.5	6.7#

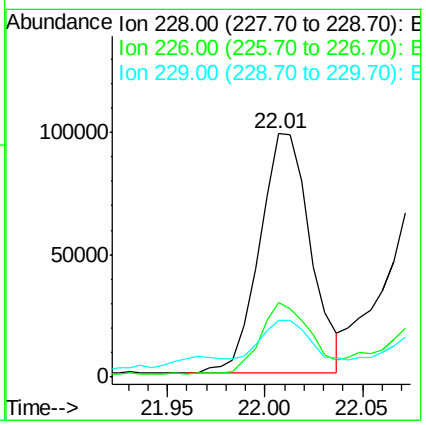


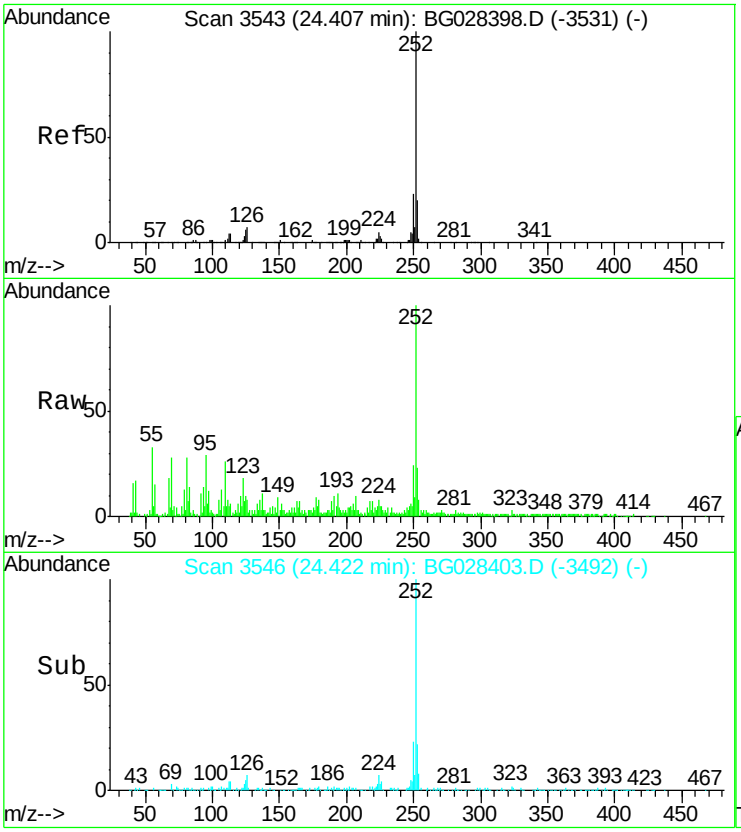


#82
Chrysene
Concen: 9.011 ng/ul
RT: 22.01 min Scan# 3135
Delta R.T. -0.07 min
Lab File: BG028403.D
Acq: 22 Aug 2017 00:39

Tgt Ion:228 Resp: 177618

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	23.2	16.9	25.3



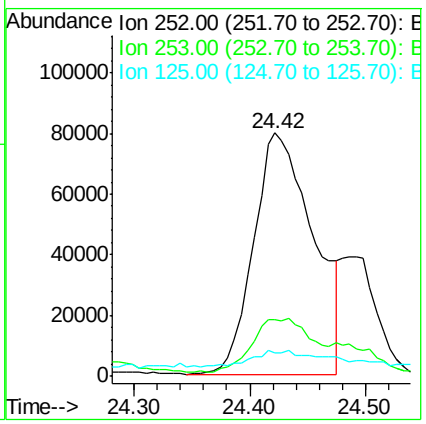


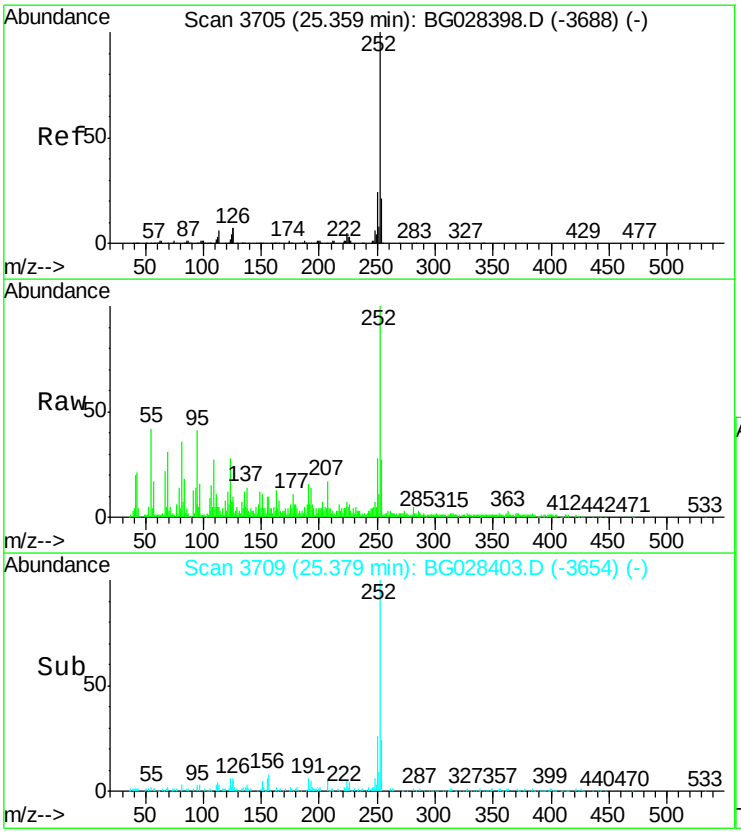
#85
Benzo(b)fluoranthene
Concen: 12.604 ng/ul
RT: 24.42 min Scan# 3546
Delta R.T. 0.01 min
Lab File: BG028403.D
Acq: 22 Aug 2017 00:39

Instrument :
BNA_G
ClientSampleId :
C0AH2

Tgt Ion:252 Resp: 286018

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	9.6	4.0	6.0#

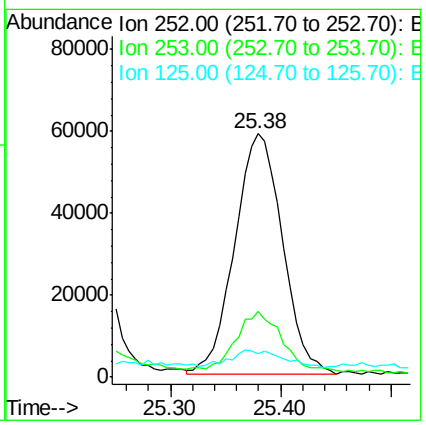


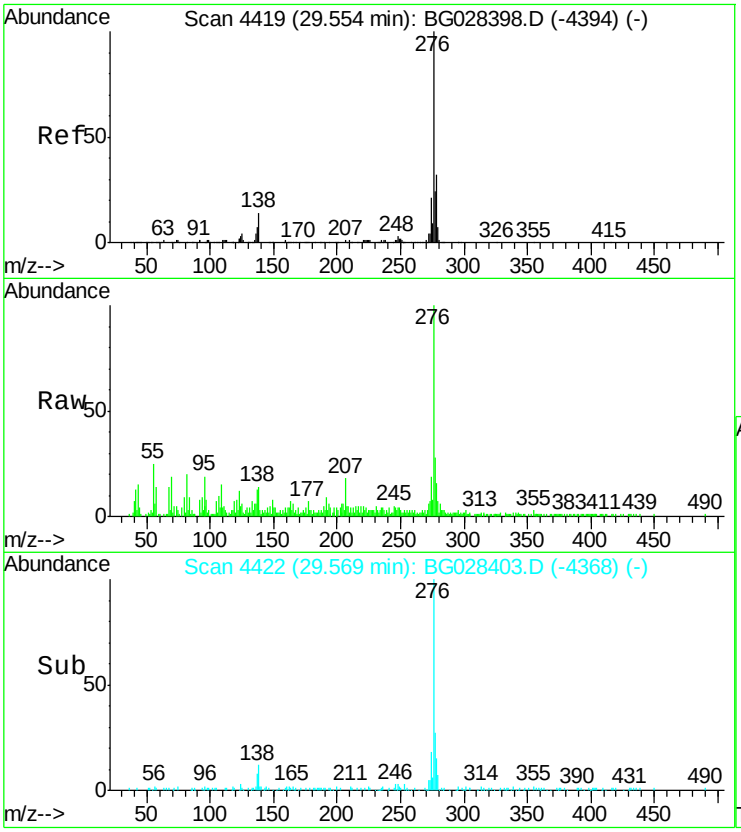


#88
Benzo(a)pyrene
Concen: 8.069 ng/ul
RT: 25.38 min Scan# 3709
Delta R.T. 0.02 min
Lab File: BG028403.D
Acq: 22 Aug 2017 00:39

Tgt Ion:252 Resp: 177299

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.8	26.6#
125	9.6	5.4	8.0#



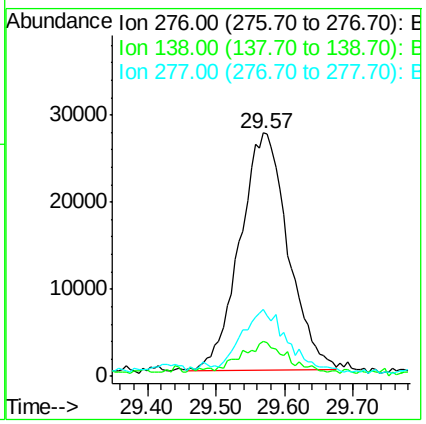


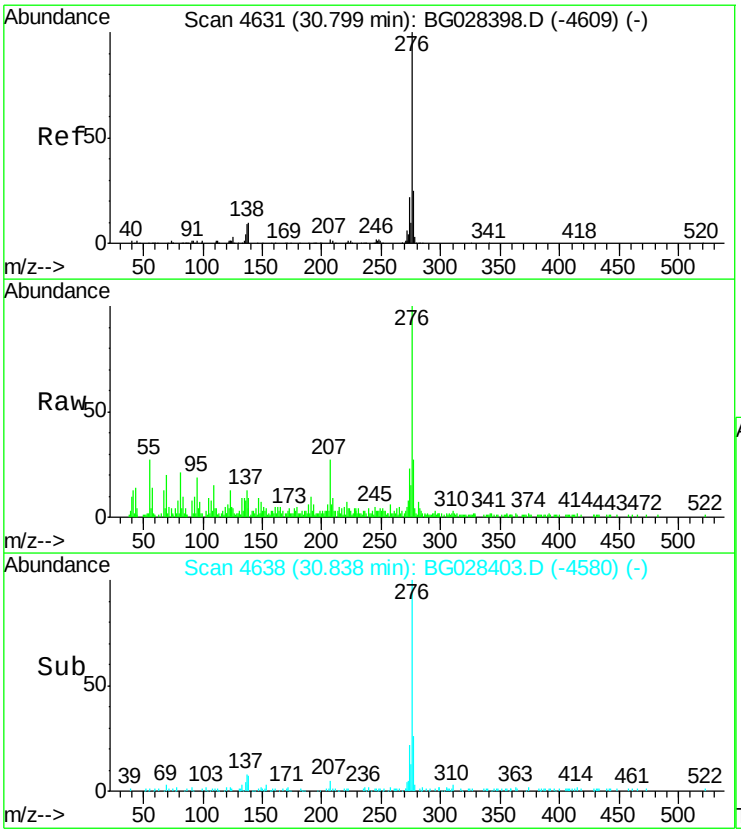
#89
Indeno(1,2,3-cd)pyrene
Concen: 5.198 ng/ul
RT: 29.57 min Scan# 4422
Delta R.T. 0.01 min
Lab File: BG028403.D
Acq: 22 Aug 2017 00:39

Instrument :
BNA_G
ClientSampleId :
C0AH2

Tgt Ion:276 Resp: 133734

Ion	Ratio	Lower	Upper
276	100		
138	14.2	8.2	12.4#
277	27.6	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 5.993 ng/ul
RT: 30.84 min Scan# 4638
Delta R.T. 0.04 min
Lab File: BG028403.D
Acq: 22 Aug 2017 00:39

Tgt Ion:276 Resp: 126862

Ion	Ratio	Lower	Upper
276	100		
138	13.6	8.6	12.8#
277	27.1	17.6	26.4#