Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025195.D
Acq On : 15 Dec 2016 3:31
Operator : UM/SJ
Sample : H5970-03MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA843MS

Quant Time: Dec 15 05:02:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 04:58:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	86269	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	394930	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	320540	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	625699	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	758645	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	776191	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	4204	2.52	ng/uL	0.00
5) Phenol-d5	7.39	99	75692	10.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	65700	14.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	65916	12.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	54949	8.83	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	38615	13.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	44155	12.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	79138	11.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	10161	1.54	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	304152	13.79	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	355717	14.73	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	14846	3.92	ng/ul	0.00
57) Fluorene-d10	15.84	176	269029	12.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	34822	9.00	ng/ul	0.00
70) Anthracene-d10	17.70	188	394080	14.92	ng/ul	0.00
76) Pyrene-d10	19.97	212	469822	15.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	460184	14.63	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.42	94	108567	14.21	ng/ul	97
10) 2-Chlorophenol	7.80	128	67082	12.82	ng/ul#	90
15) N-Nitroso-di-n-propylamine	9.03	70	79524	14.55	ng/ul#	97
28) Naphthalene	11.12	128	22703	1.24	ng/ul#	88
33) 4-Chloro-3-methylphenol	12.33	107	102045	12.72	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	27614	1.91	ng/ul	99
44) Dimethylphthalate	14.30	163	113718	5.25	ng/ul	95
49) Acenaphthene	14.92	153	233790	14.54	ng/ul	97
52) 4-Nitrophenol	15.08	109	22130	4.86	ng/ul#	80
53) Dibenzofuran	15.25	168	26123	1.03	ng/ul	93
54) 2,4-Dinitrotoluene	15.23	165	89882	12.81	ng/ul#	90
68) Pentachlorophenol	17.25	266	53680	11.23	ng/ul	98
69) Phenanthrene	17.64	178	150650	5.04	ng/ul	94
74) Fluoranthene	19.64	202	309712	8.73	ng/ul	98
77) Pyrene	20.00	202	807211	22.13	ng/ul	98
80) Benzo(a)anthracene	21.88	228	235403	5.97	ng/ul	96
82) Chrysene	21.95	228	289980	7.87	ng/ul	97
85) Benzo(b)fluoranthene	24.22	252	509985	13.25	ng/ul	98
86) Benzo(k)fluoranthene	24.22	252	153845	4.20	ng/ul	96
88) Benzo(a)pyrene	25.15	252	296178	8.00	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.25	276	217195	4.72	ng/ul	98
90) Dibenzo(a,h)anthracene	29.28	278	62077	1.60	ng/ul#	87
91) Benzo(g,h,i)perylene	30.50	276	219728	5.72	ng/ul#	92

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025195.D
Acq On : 15 Dec 2016 3:31
Operator : UM/SJ
Sample : H5970-03MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA843MS

Quant Time: Dec 15 05:02:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 04:58:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025195.D
Acq On : 15 Dec 2016 3:31
Operator : UM/SJ
Sample : H5970-03MS
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Quant Time: Dec 15 05:02:11 2016
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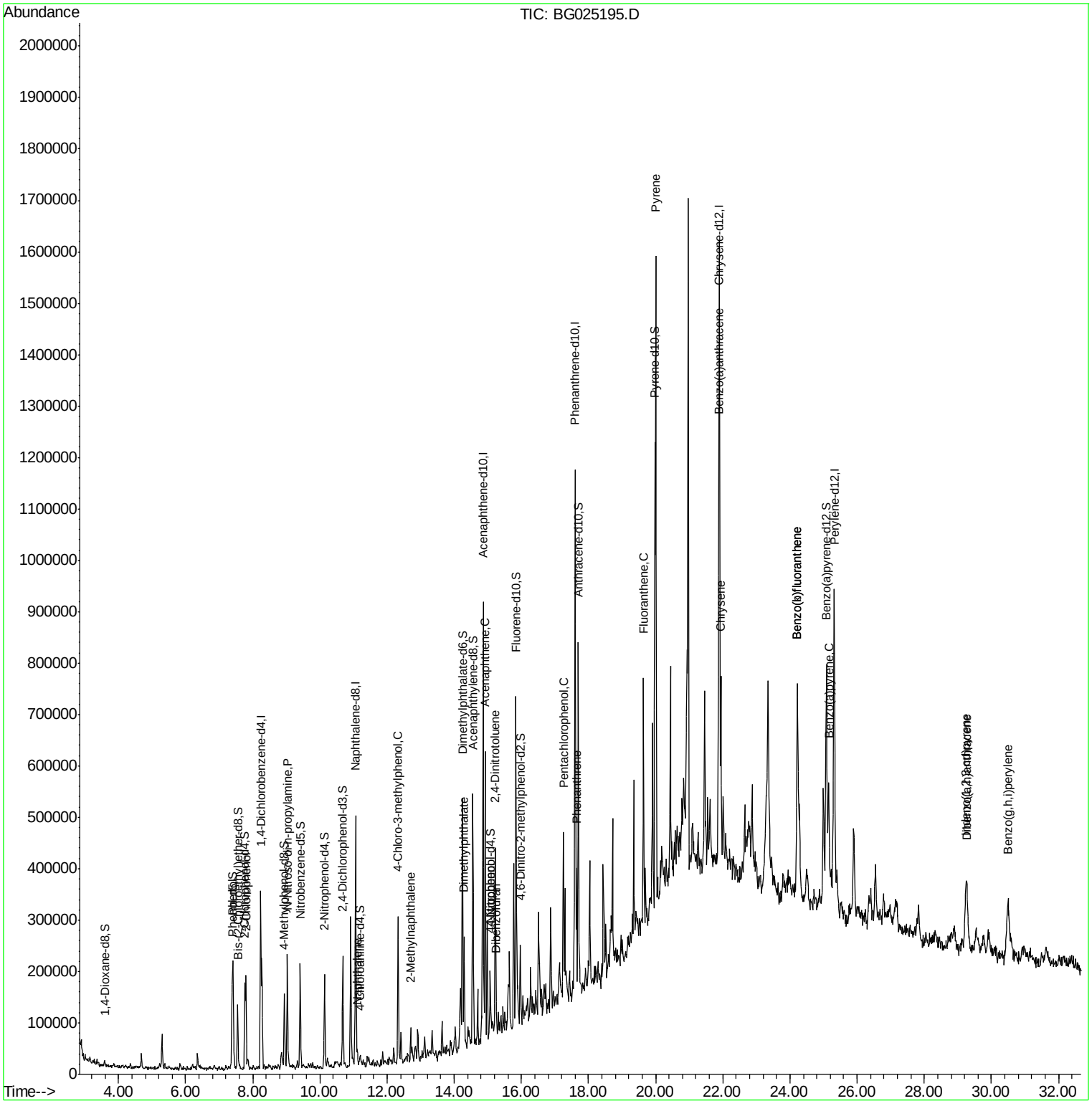
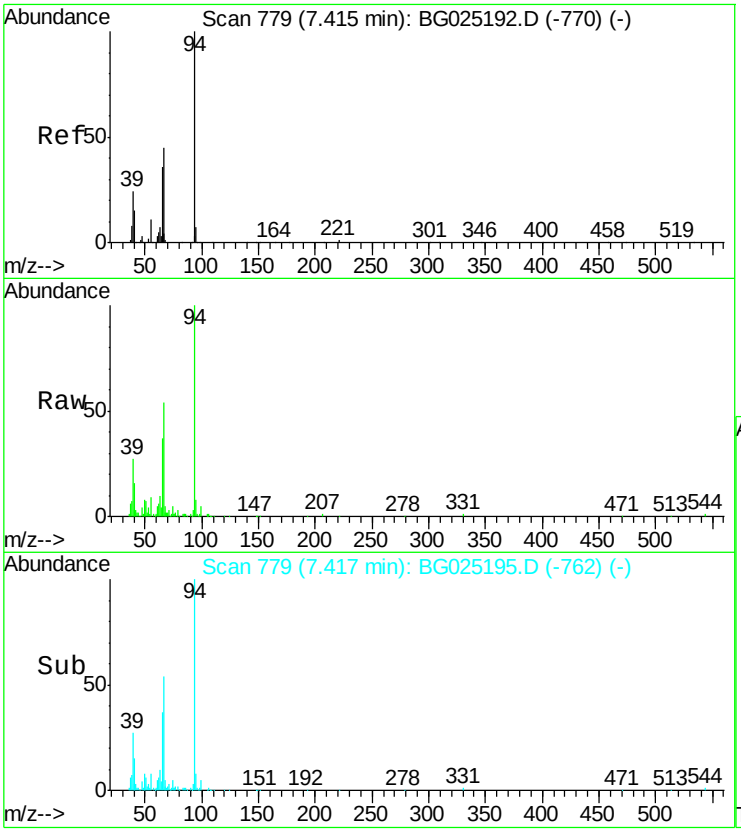
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 04:58:54 2016
Response via : Initial Calibration



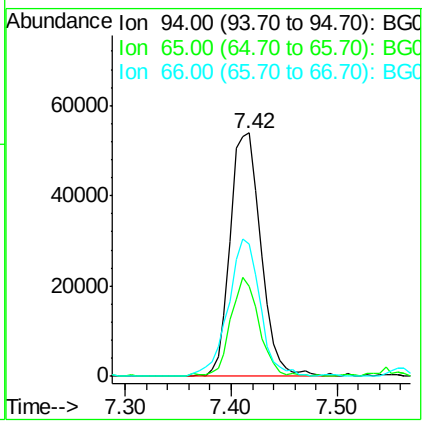


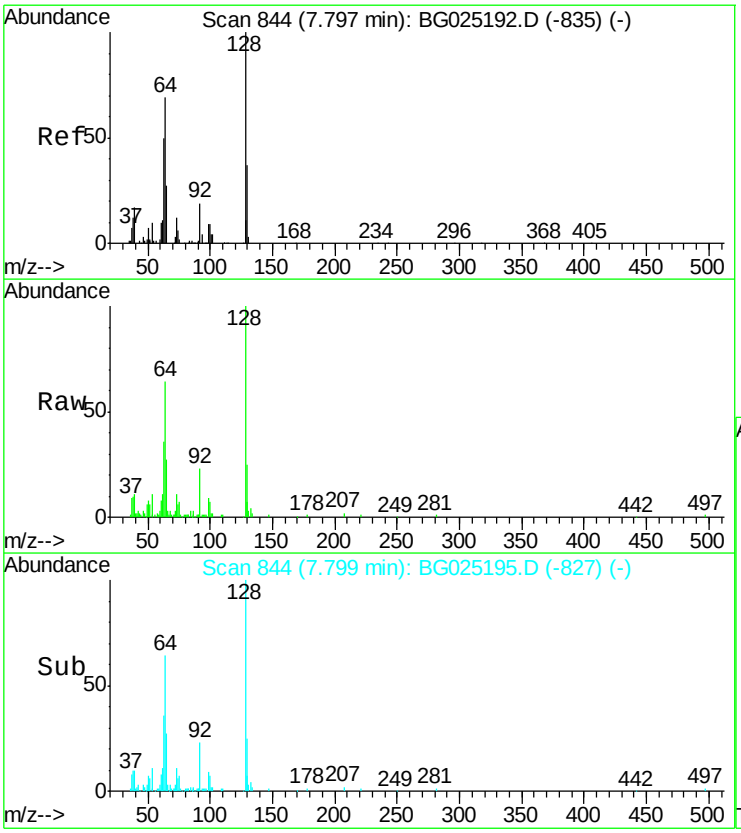
#6
Phenol
Concen: 14.21 ng/ul
RT: 7.42 min Scan# 779
Delta R.T. 0.00 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Instrument :
BNA_G
ClientSampleId :
DA843MS

Tgt Ion: 94 Resp: 108567

Ion	Ratio	Lower	Upper
94	100		
65	37.0	26.8	40.2
66	54.3	44.4	66.6

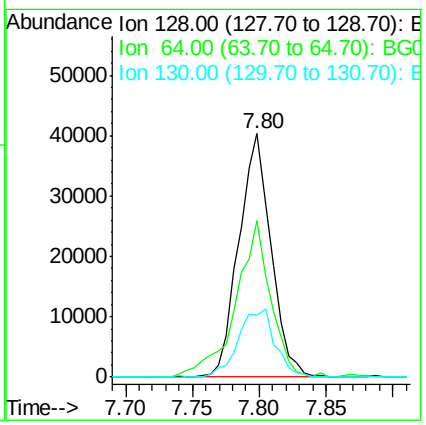


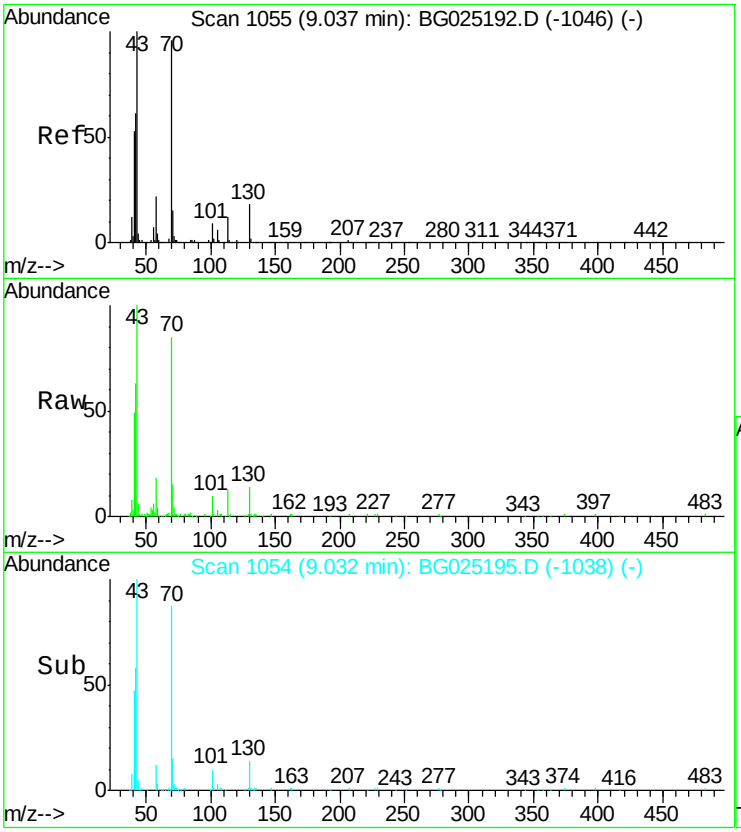


#10
2-Chlorophenol
Concen: 12.82 ng/ul
RT: 7.80 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Tgt Ion:128 Resp: 67082

Ion	Ratio	Lower	Upper
128	100		
64	64.4	56.3	84.5
130	25.2	26.7	40.1#



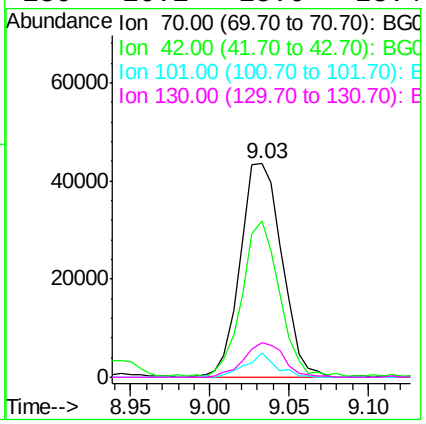


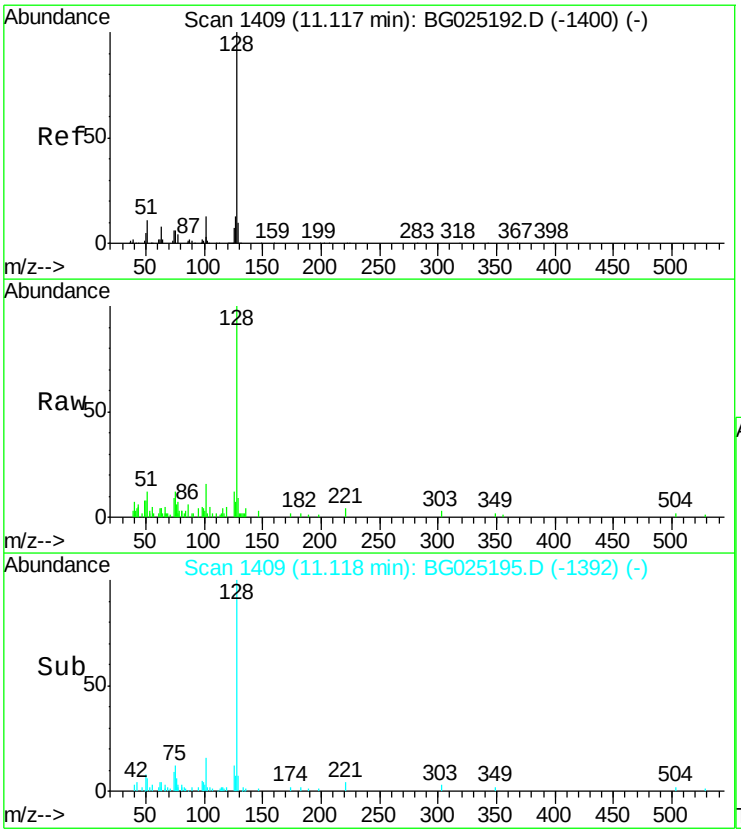
#15
N-Nitroso-di-n-propylamine
Concen: 14.55 ng/ul
RT: 9.03 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Instrument :
BNA_G
ClientSampleId :
DA843MS

Tgt Ion: 70 Resp: 79524

Ion	Ratio	Lower	Upper
70	100		
42	73.3	59.0	88.6
101	11.7	6.6	9.8#
130	16.1	15.6	23.4

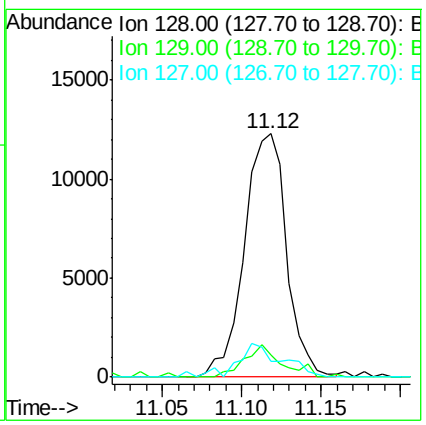


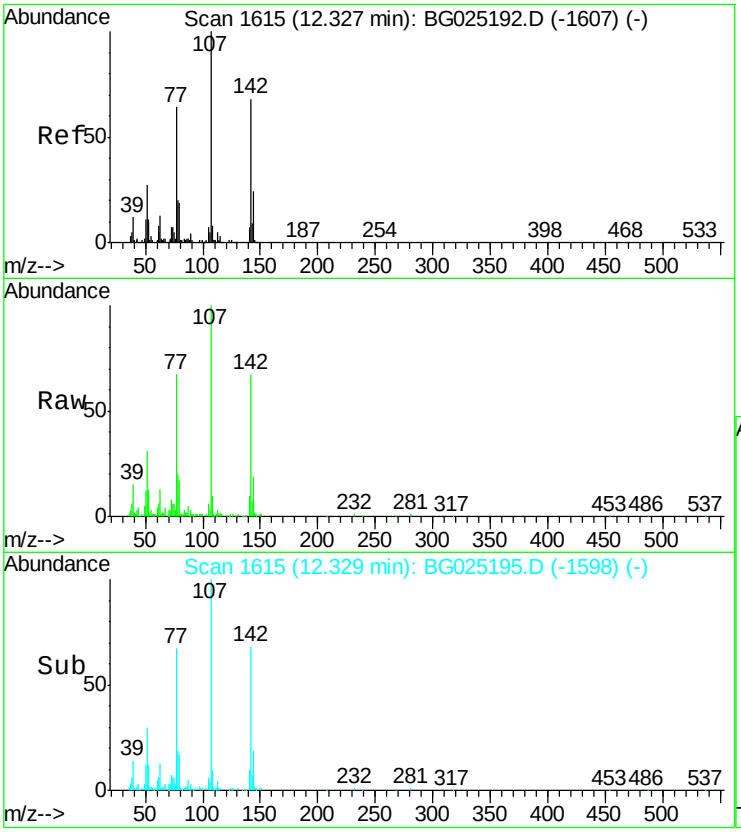


#28
Naphthalene
Concen: 1.24 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Tgt Ion:128 Resp: 22703

Ion	Ratio	Lower	Upper
128	100		
129	9.1	9.4	14.2#
127	6.6	10.3	15.5#



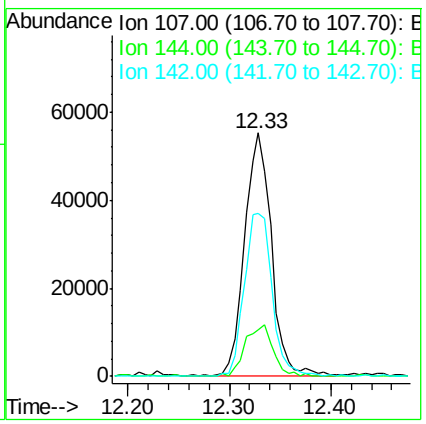


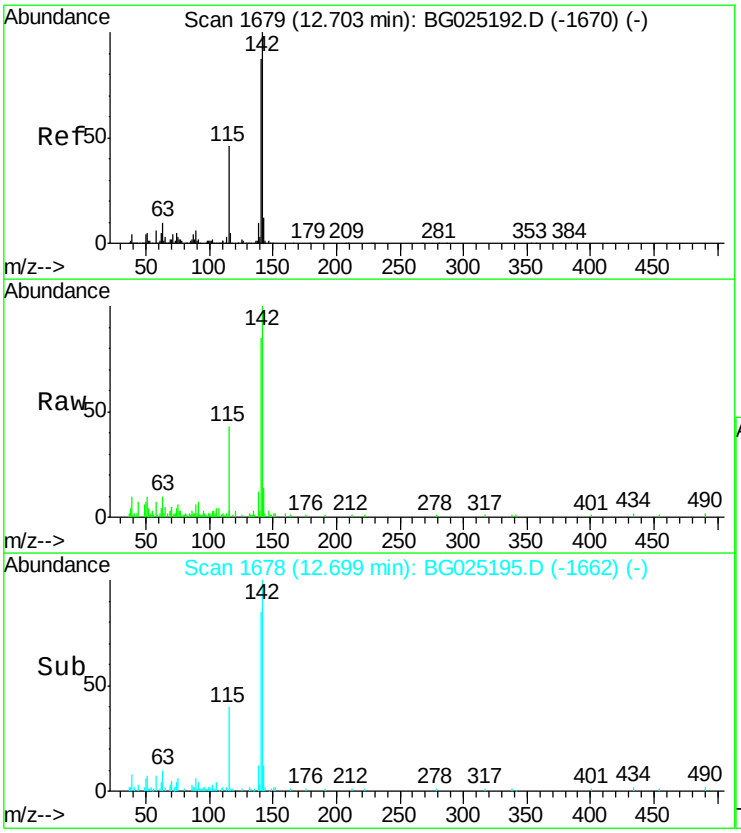
#33
4-Chloro-3-methylphenol
Concen: 12.72 ng/ul
RT: 12.33 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Instrument :
BNA_G
ClientSampleId :
DA843MS

Tgt Ion:107 Resp: 102045

Ion	Ratio	Lower	Upper
107	100		
144	19.2	18.2	27.4
142	67.2	55.0	82.4

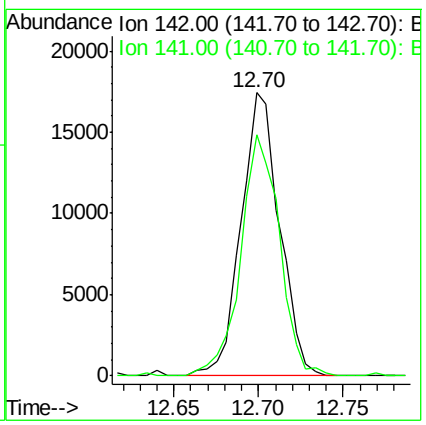


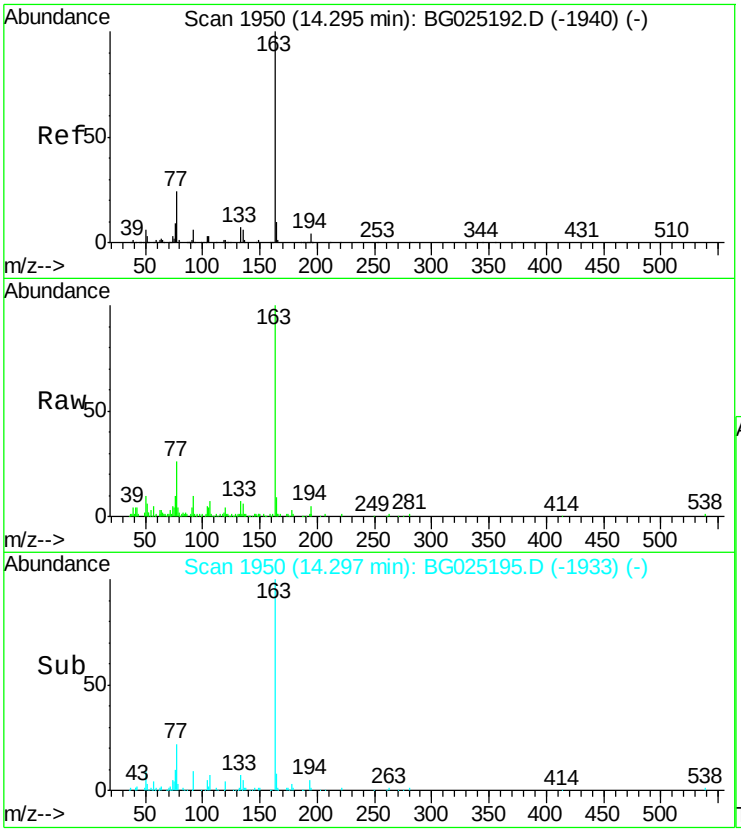


#34
2-Methylnaphthalene
Concen: 1.91 ng/ul
RT: 12.70 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Tgt Ion:142 Resp: 27614

Ion	Ratio	Lower	Upper
142	100		
141	85.1	68.6	102.8



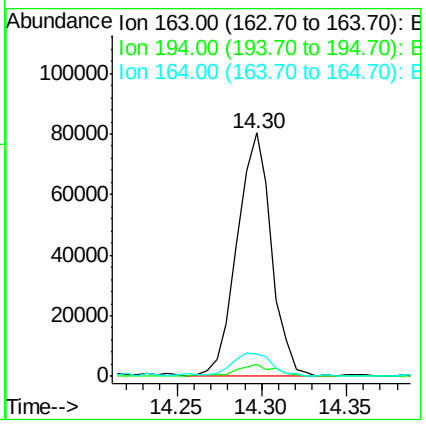


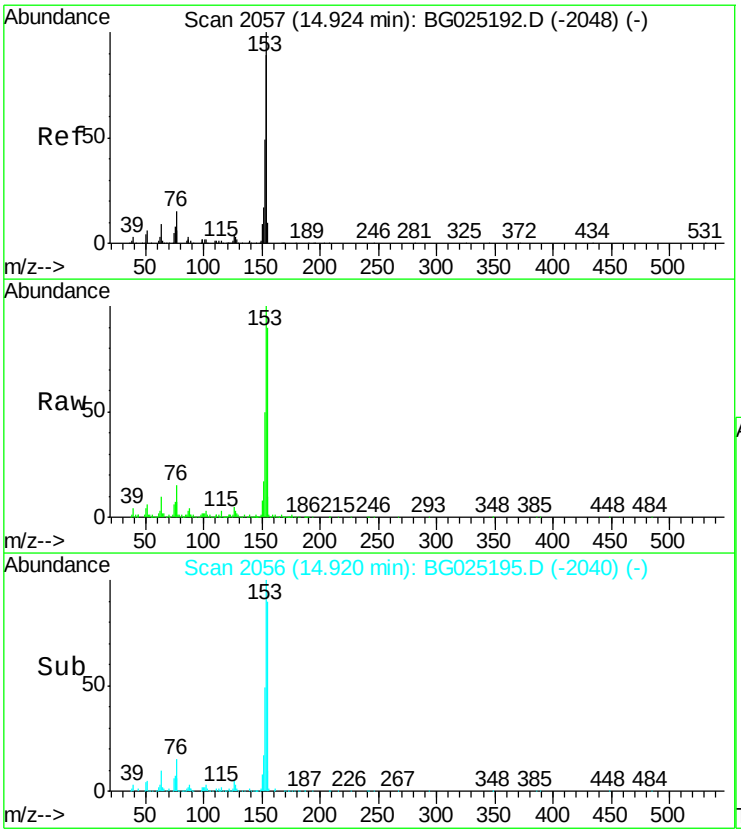
#44
Dimethylphthalate
Concen: 5.25 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Instrument :
BNA_G
ClientSampleId :
DA843MS

Tgt Ion:163 Resp: 113718

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.0
164	9.1	9.0	13.4

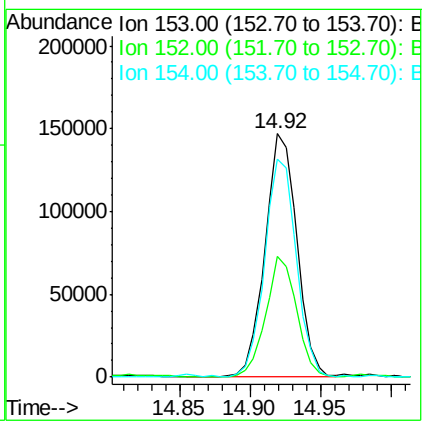


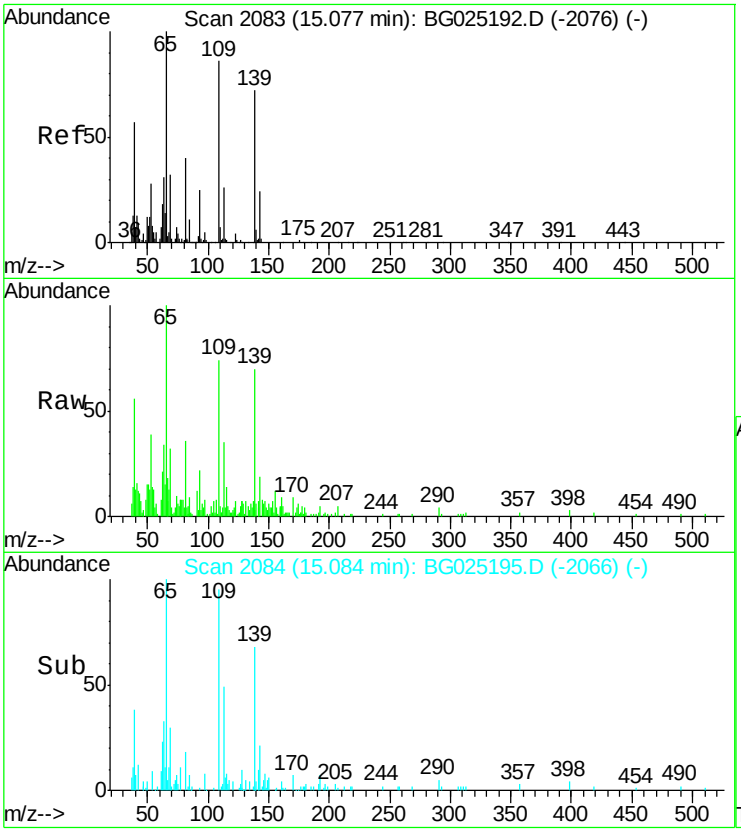


#49
Acenaphthene
Concen: 14.54 ng/ul
RT: 14.92 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Tgt Ion:153 Resp: 233790

Ion	Ratio	Lower	Upper
153	100		
152	49.5	36.5	54.7
154	89.5	72.3	108.5



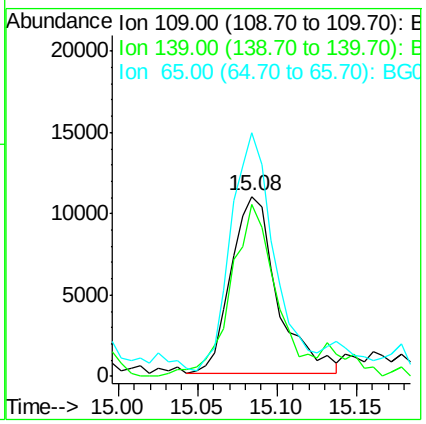


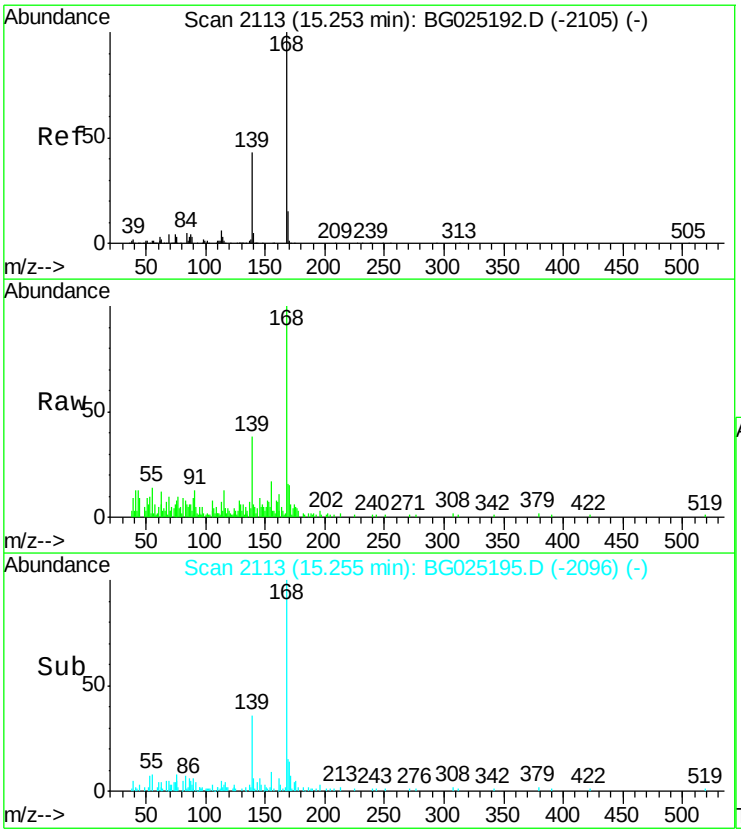
#52
4-Nitrophenol
Concen: 4.86 ng/ul
RT: 15.08 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Instrument :
BNA_G
ClientSampleId :
DA843MS

Tgt Ion:109 Resp: 22130

Ion	Ratio	Lower	Upper
109	100		
139	95.2	62.6	93.8#
65	135.3	90.4	135.6

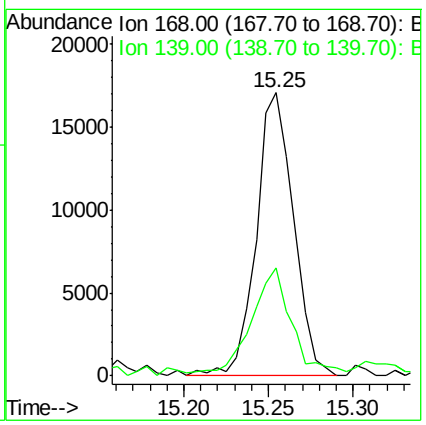


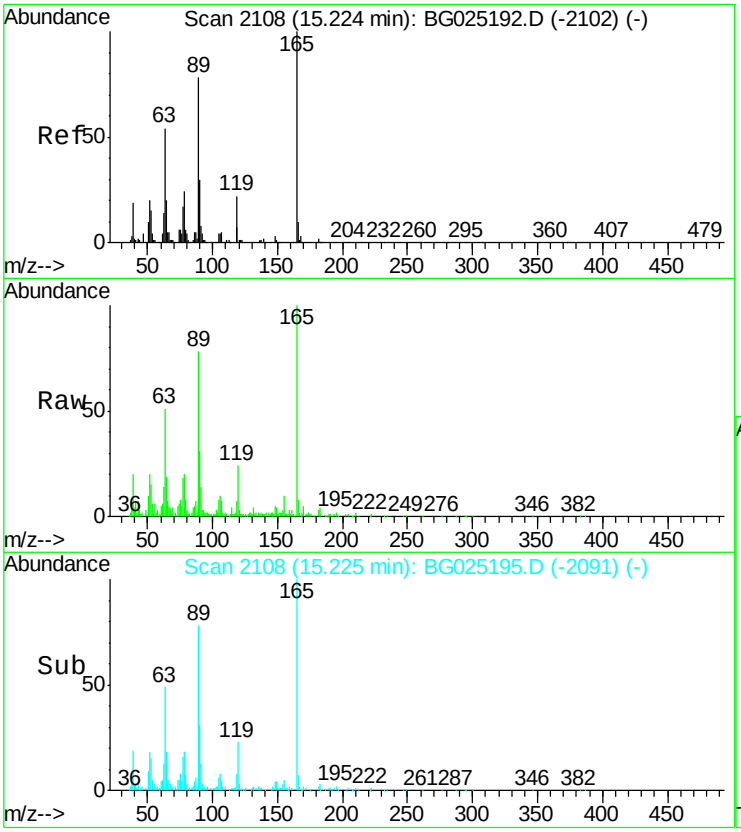


#53
Dibenzofuran
Concen: 1.03 ng/ul
RT: 15.25 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Tgt Ion:168 Resp: 26123

Ion	Ratio	Lower	Upper
168	100		
139	38.2	33.8	50.8



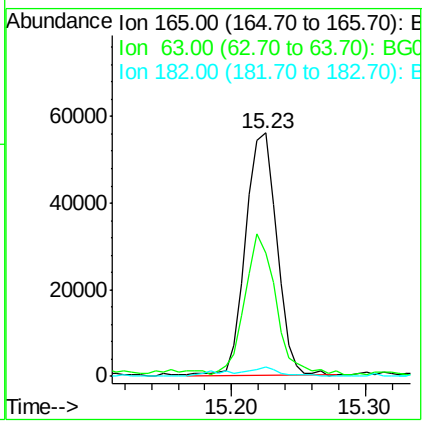


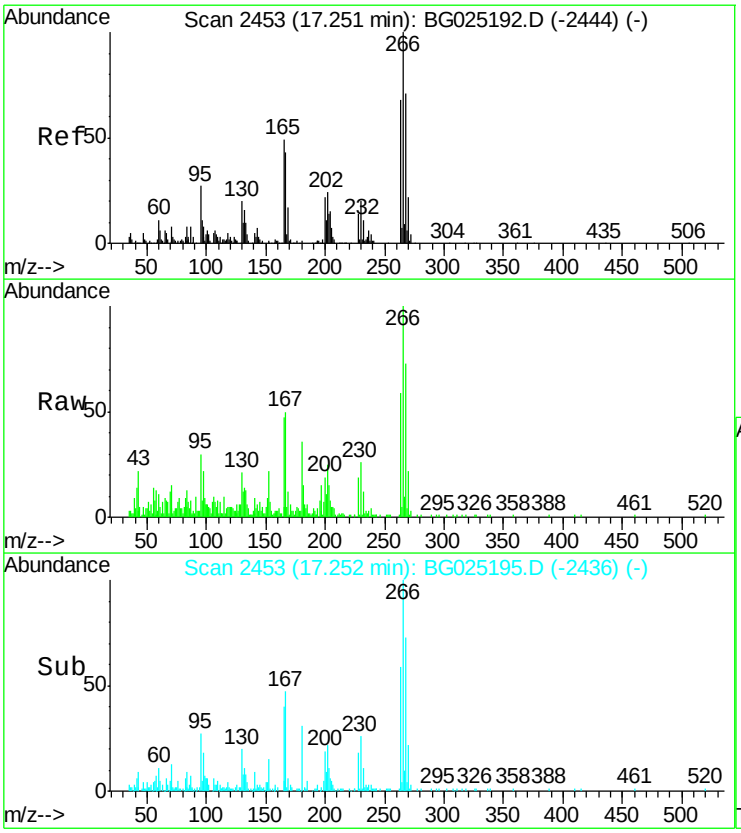
#54
2,4-Dinitrotoluene
Concen: 12.81 ng/ul
RT: 15.23 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Instrument :
BNA_G
ClientSampleId :
DA843MS

Tgt Ion:165 Resp: 89882

Ion	Ratio	Lower	Upper
165	100		
63	50.8	46.8	70.2
182	3.7	1.8	2.6#

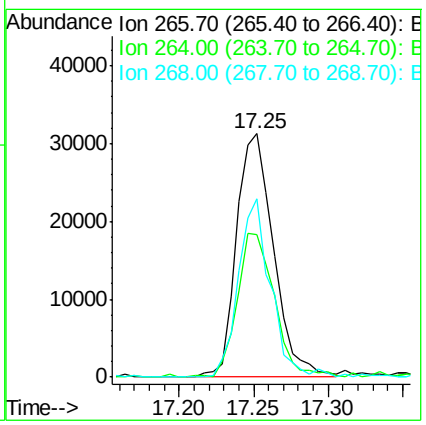


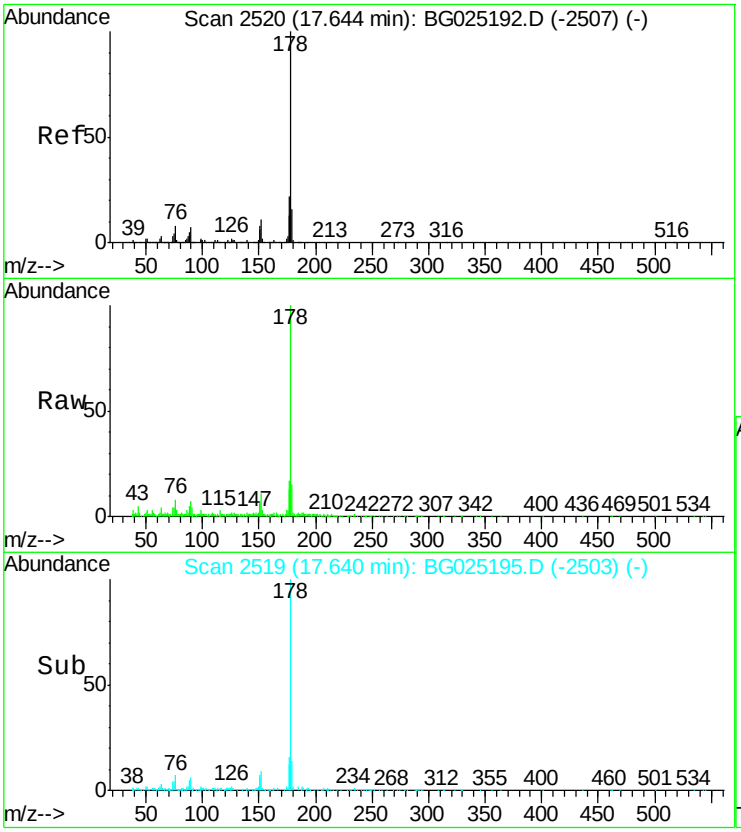


#68
Pentachlorophenol
Concen: 11.23 ng/ul
RT: 17.25 min Scan# 2453
Delta R.T. 0.00 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Tgt Ion:266 Resp: 53680

Ion	Ratio	Lower	Upper
266	100		
264	58.7	47.1	70.7
268	73.3	56.2	84.4



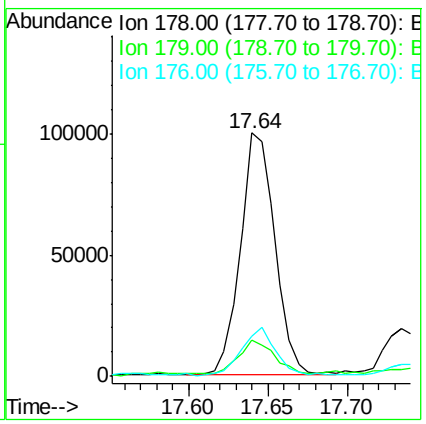


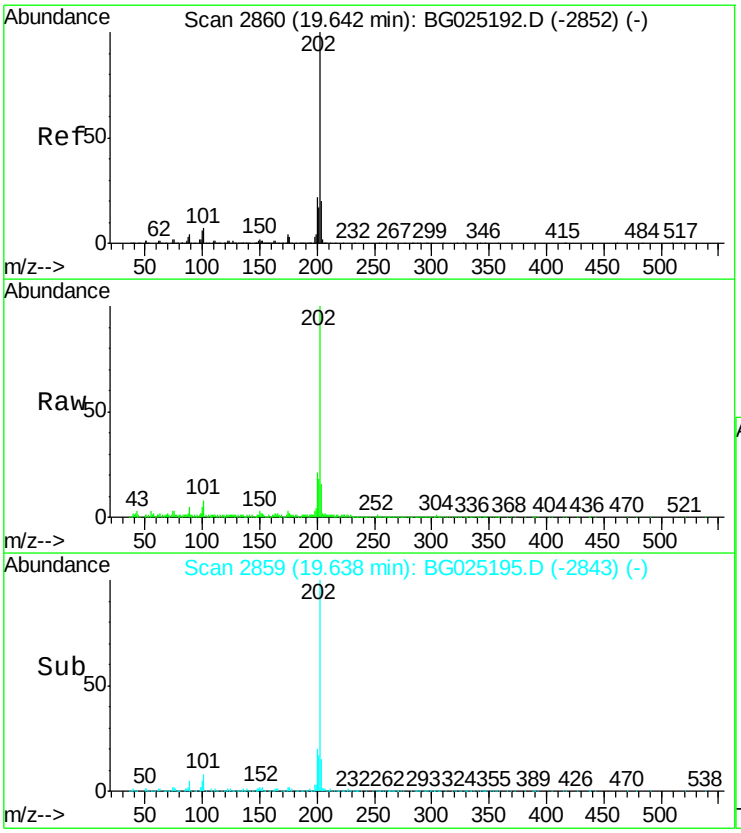
#69
Phenanthrene
Concen: 5.04 ng/ul
RT: 17.64 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Instrument :
BNA_G
ClientSampleId :
DA843MS

Tgt Ion:178 Resp: 150650

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.4	18.6
176	16.7	16.5	24.7

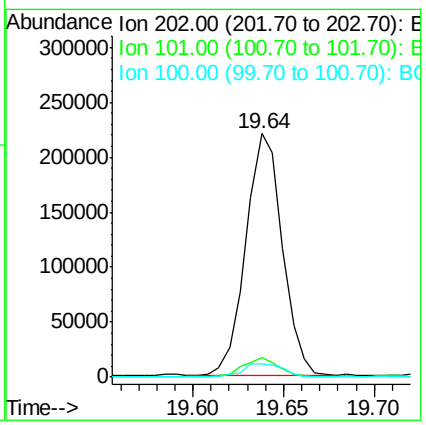


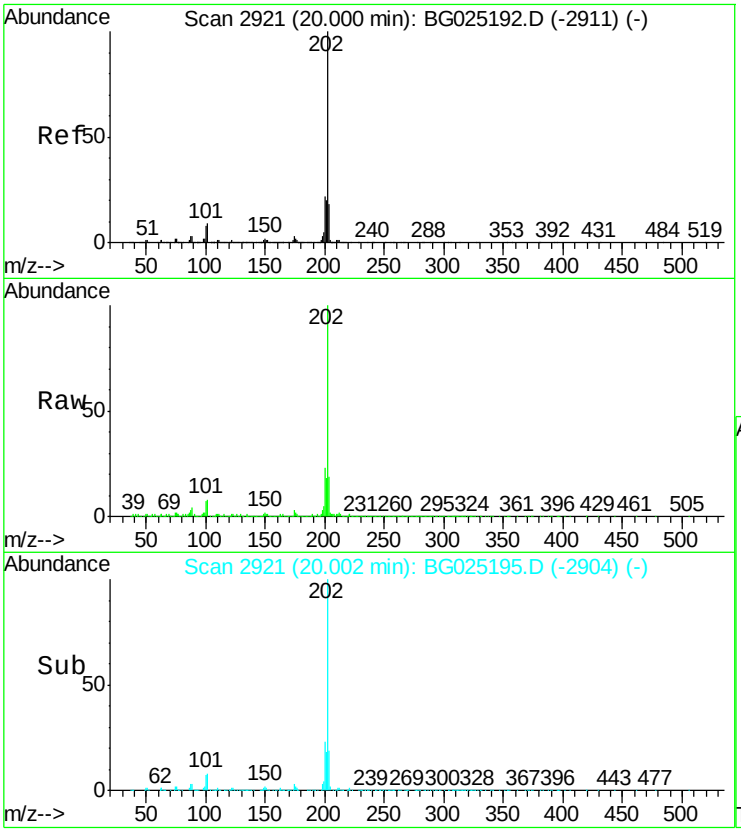


#74
Fluoranthene
Concen: 8.73 ng/ul
RT: 19.64 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Tgt Ion:202 Resp: 309712

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.2	9.2
100	5.3	5.2	7.8



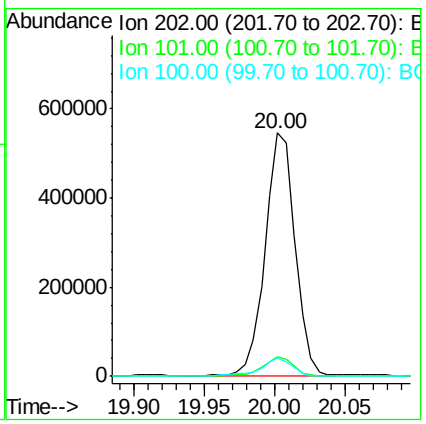


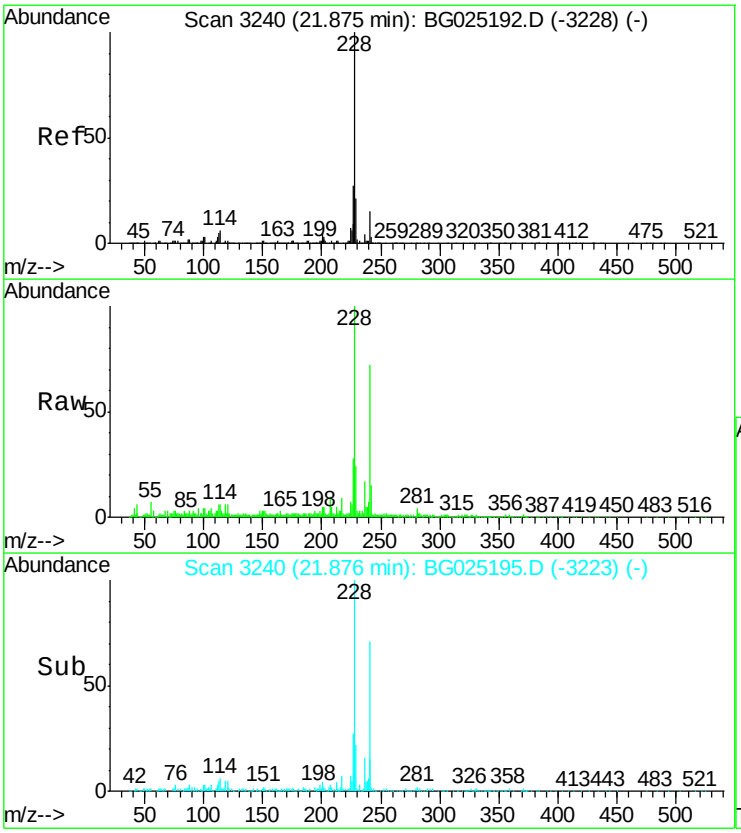
#77
Pyrene
Concen: 22.13 ng/ul
RT: 20.00 min Scan# 2921
Delta R.T. 0.00 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Instrument :
BNA_G
ClientSampleId :
DA843MS

Tgt Ion:202 Resp: 807211

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.9	10.3
100	7.3	6.6	10.0

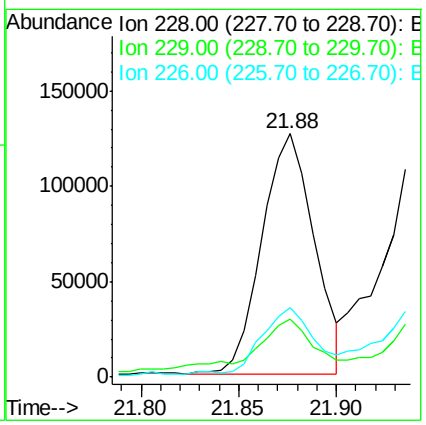


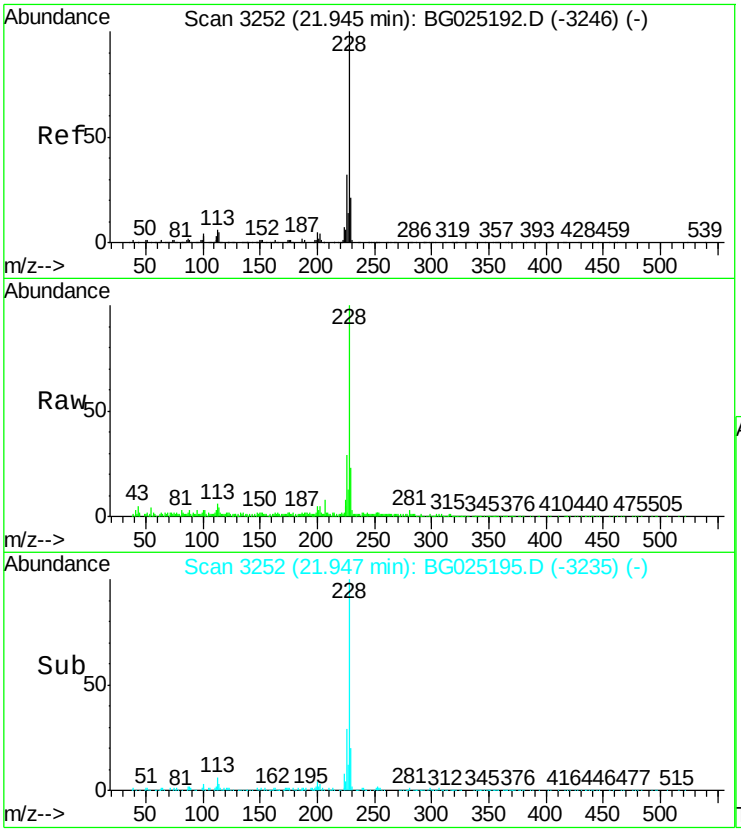


#80
Benzo(a)anthracene
Concen: 5.97 ng/ul
RT: 21.88 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Tgt Ion:228 Resp: 235403

Ion	Ratio	Lower	Upper
228	100		
229	23.9	16.3	24.5
226	28.4	21.9	32.9



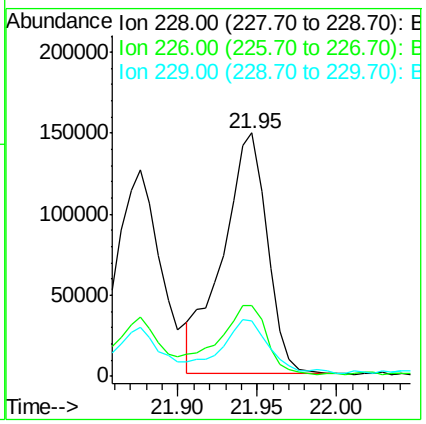


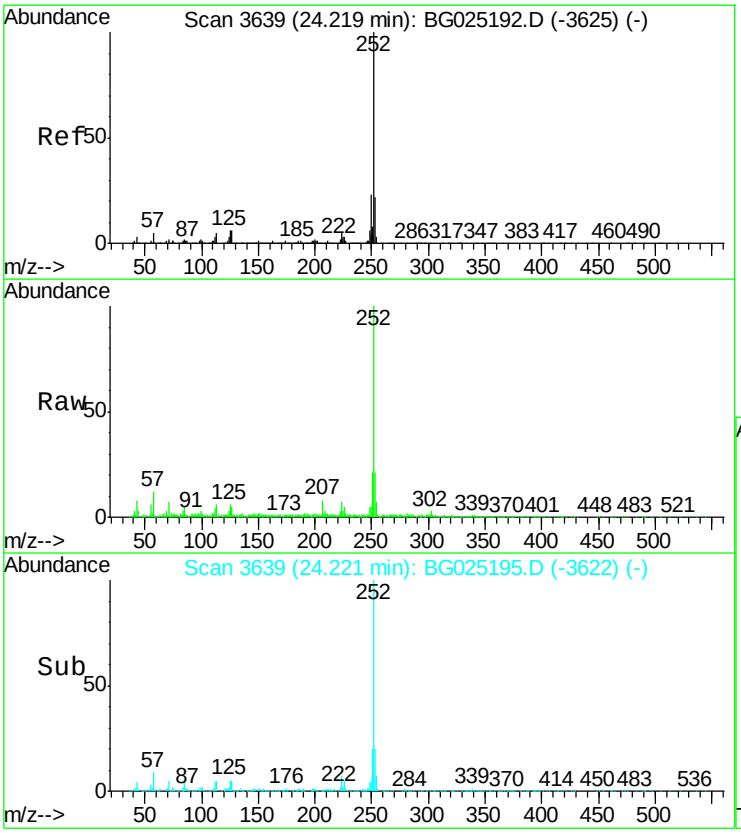
#82
Chrysene
Concen: 7.87 ng/ul
RT: 21.95 min Scan# 3252
Delta R.T. 0.00 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Instrument :
BNA_G
ClientSampleId :
DA843MS

Tgt Ion:228 Resp: 289980

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	22.9	16.9	25.3

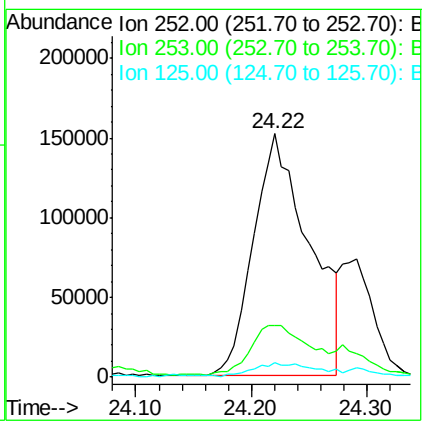


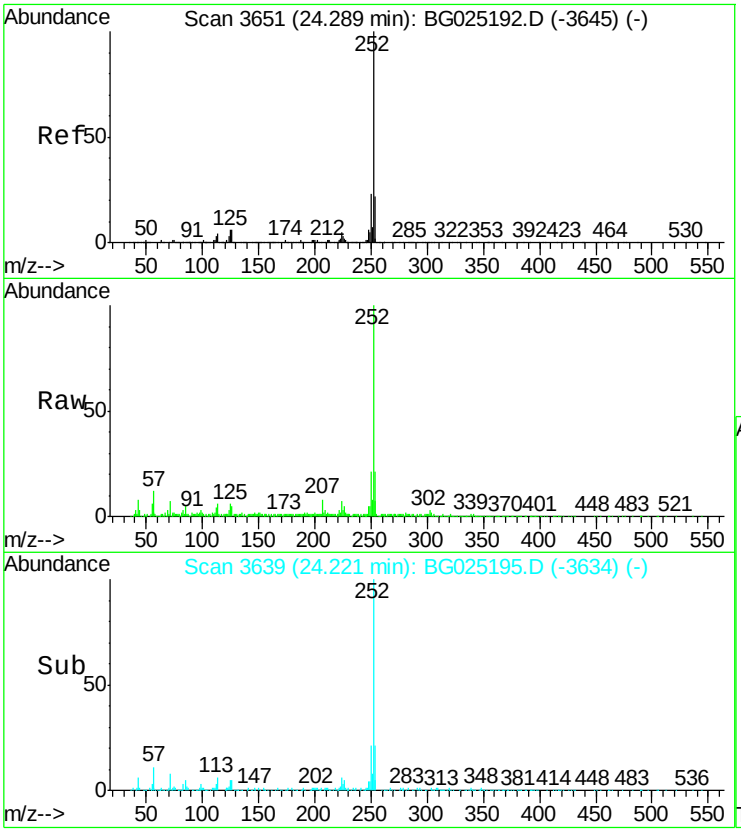


#85
Benzo(b)fluoranthene
Concen: 13.25 ng/ul
RT: 24.22 min Scan# 3639
Delta R.T. 0.00 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Tgt Ion:252 Resp: 509985

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	5.8	4.0	6.0



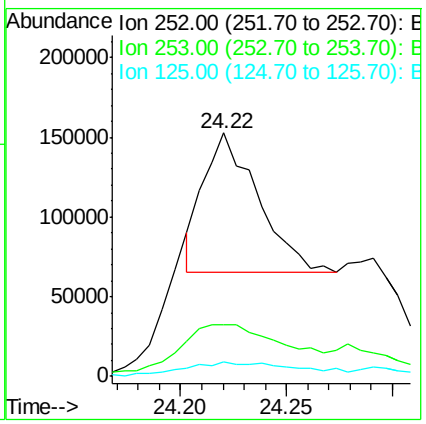


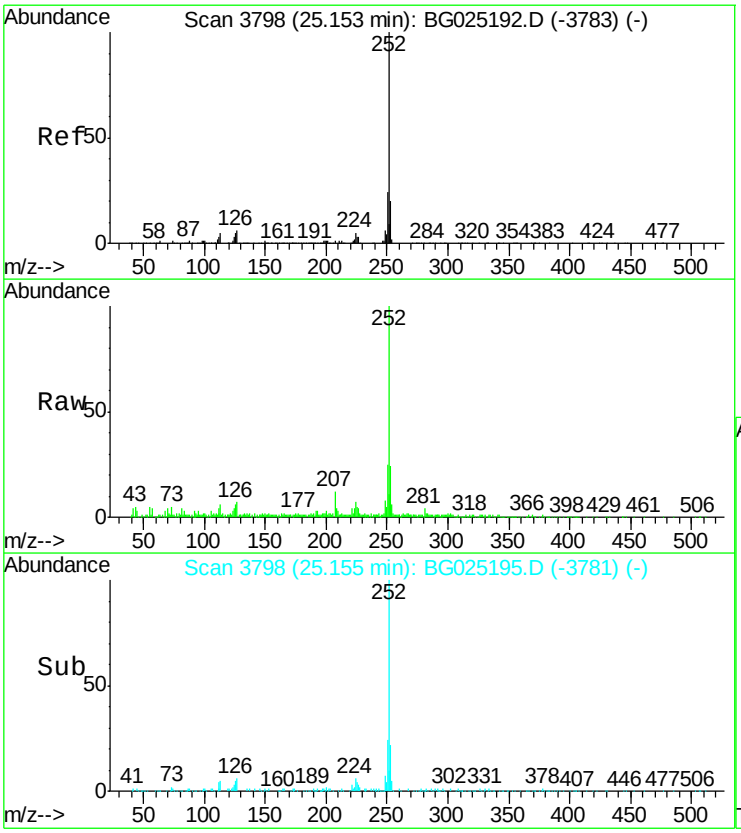
#86
Benzo(k)fluoranthene
Concen: 4.20 ng/ul
RT: 24.22 min Scan# 3639
Delta R.T. -0.07 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Instrument :
BNA_G
ClientSampleId :
DA843MS

Tgt Ion:252 Resp: 153845

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.5	27.7
125	5.8	4.1	6.1

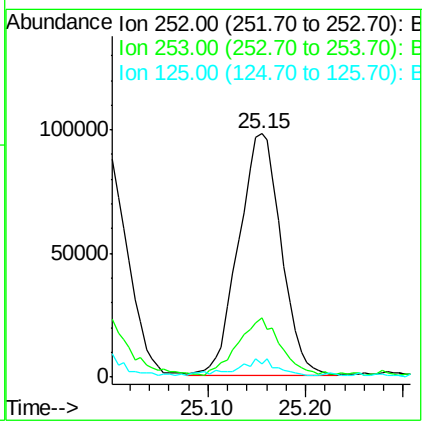


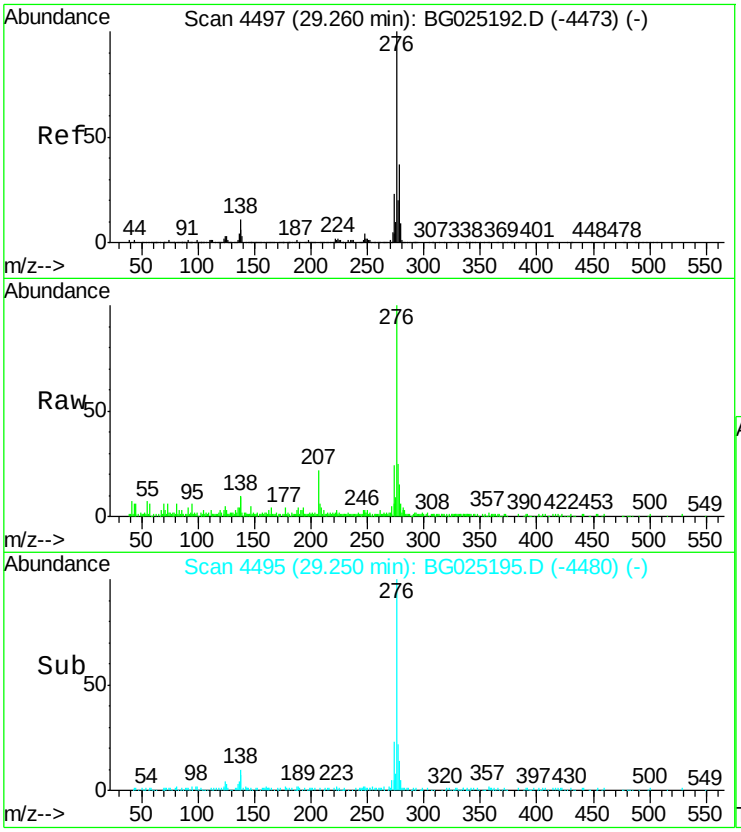


#88
Benzo(a)pyrene
Concen: 8.00 ng/ul
RT: 25.15 min Scan# 3798
Delta R.T. 0.00 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Tgt Ion:252 Resp: 296178

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	5.6	5.4	8.0



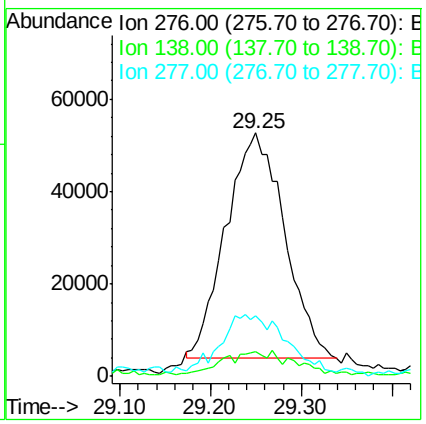


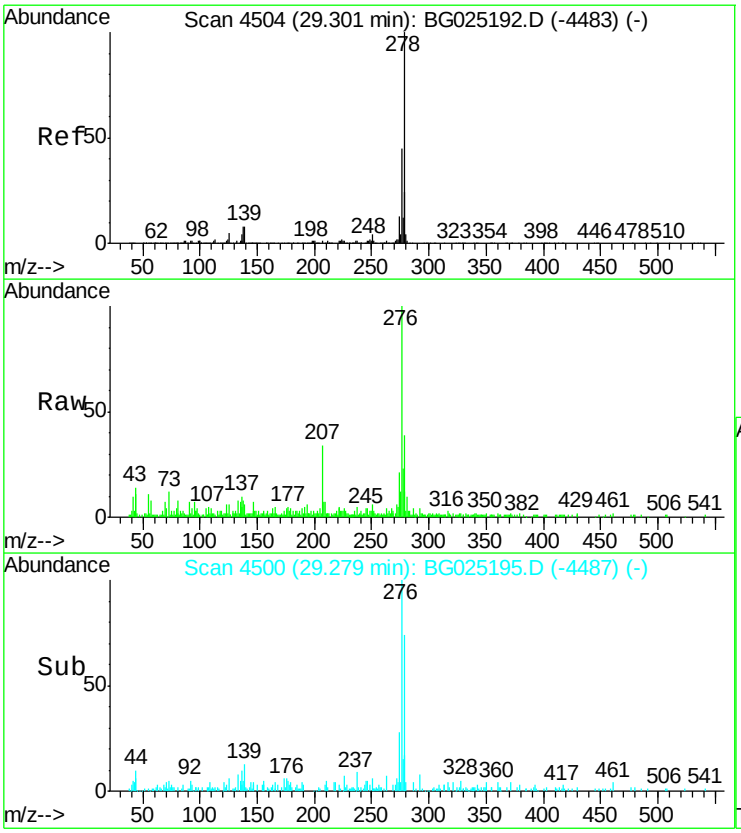
#89
Indeno(1,2,3-cd)pyrene
Concen: 4.72 ng/ul
RT: 29.25 min Scan# 4495
Delta R.T. -0.01 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Instrument :
BNA_G
ClientSampleId :
DA843MS

Tgt Ion:276 Resp: 217195

Ion	Ratio	Lower	Upper
276	100		
138	10.4	8.2	12.4
277	24.9	18.6	28.0

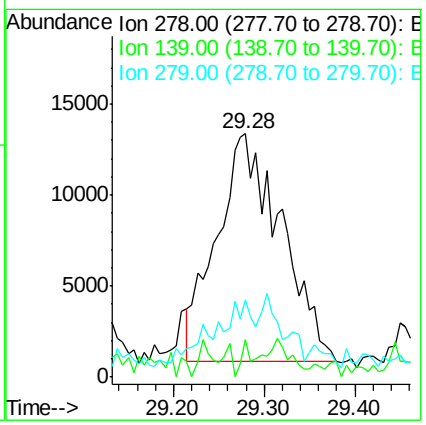


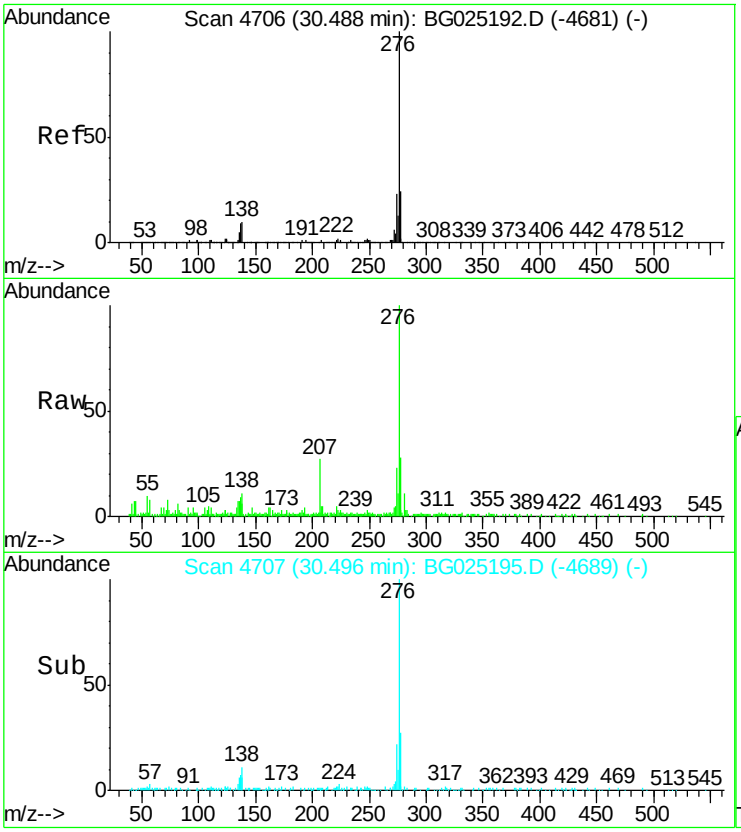


#90
Dibenzo(a,h)anthracene
Concen: 1.60 ng/ul
RT: 29.28 min Scan# 4500
Delta R.T. -0.02 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Tgt Ion:278 Resp: 62077

Ion	Ratio	Lower	Upper
278	100		
139	15.5	6.7	10.1#
279	31.6	20.9	31.3#





#91
Benzo(g,h,i)perylene
Concen: 5.72 ng/ul
RT: 30.50 min Scan# 4707
Delta R.T. 0.01 min
Lab File: BG025195.D
Acq: 15 Dec 2016 3:31

Instrument :
BNA_G
ClientSampleId :
DA843MS

Tgt Ion:276 Resp: 219728

Ion	Ratio	Lower	Upper
276	100		
138	10.8	8.6	12.8
277	27.5	17.6	26.4#