Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028433.D
Acq On : 23 Aug 2017 1:17
Operator : SJ/JU
Sample : I4713-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GB9

Quant Time: Aug 23 07:10:19 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	43866	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	199039	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	146131	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	327399	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	379306	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	381809	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	2034	2.16	ng/uL	0.01
5) Phenol-d5	7.50	99	56695	11.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	36266	11.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	41997	13.82	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	47611	11.82	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	23839	15.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	28167	16.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	55249	15.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	27344	6.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	196394	15.11	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	227229	15.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	7523	3.64	ng/ul	0.02
57) Fluorene-d10	15.94	176	170386	14.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	10943	5.15	ng/ul	0.00
70) Anthracene-d10	17.80	188	256145	16.32	ng/ul	0.00
76) Pyrene-d10	20.07	212	308550	15.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	291506	16.31	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.48	77	3306	1.187	ng/ul#	68
6) Phenol	7.52	94	8414	1.757	ng/ul#	78
28) Naphthalene	11.21	128	70191	7.120	ng/ul#	93
34) 2-Methylnaphthalene	12.80	142	98508	12.441	ng/ul	91
40) 1,1'-Biphenyl	13.78	154	12257	1.148	ng/ul#	94
44) Dimethylphthalate	14.39	163	87596	7.320	ng/ul	98
53) Dibenzofuran	15.35	168	45090	3.273	ng/ul	93
64) N-Nitrosodiphenylamine	16.20	169	11677	1.356	ng/ul#	36
69) Phenanthrene	17.75	178	207983	12.623	ng/ul	97
74) Fluoranthene	19.74	202	76464	3.819	ng/ul#	96
77) Pyrene	20.10	202	81860	3.617	ng/ul	98
80) Benzo(a)anthracene	22.01	228	52550	2.398	ng/ul#	84
82) Chrysene	22.08	228	123763	6.270	ng/ul#	90
85) Benzo(b)fluoranthene	24.42	252	107473	4.704	ng/ul#	94
86) Benzo(k)fluoranthene	24.42	252	107473	4.816	ng/ul#	95
88) Benzo(a)pyrene	25.37	252	33882	1.532	ng/ul#	88
91) Benzo(g,h,i)perylene	30.84	276	43501	2.041	ng/ul#	92

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

Quantitation Report (Not Reviewed)

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Data File : BG028433.D
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Misc :
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Quant Time: Aug 23 07:10:19 2017
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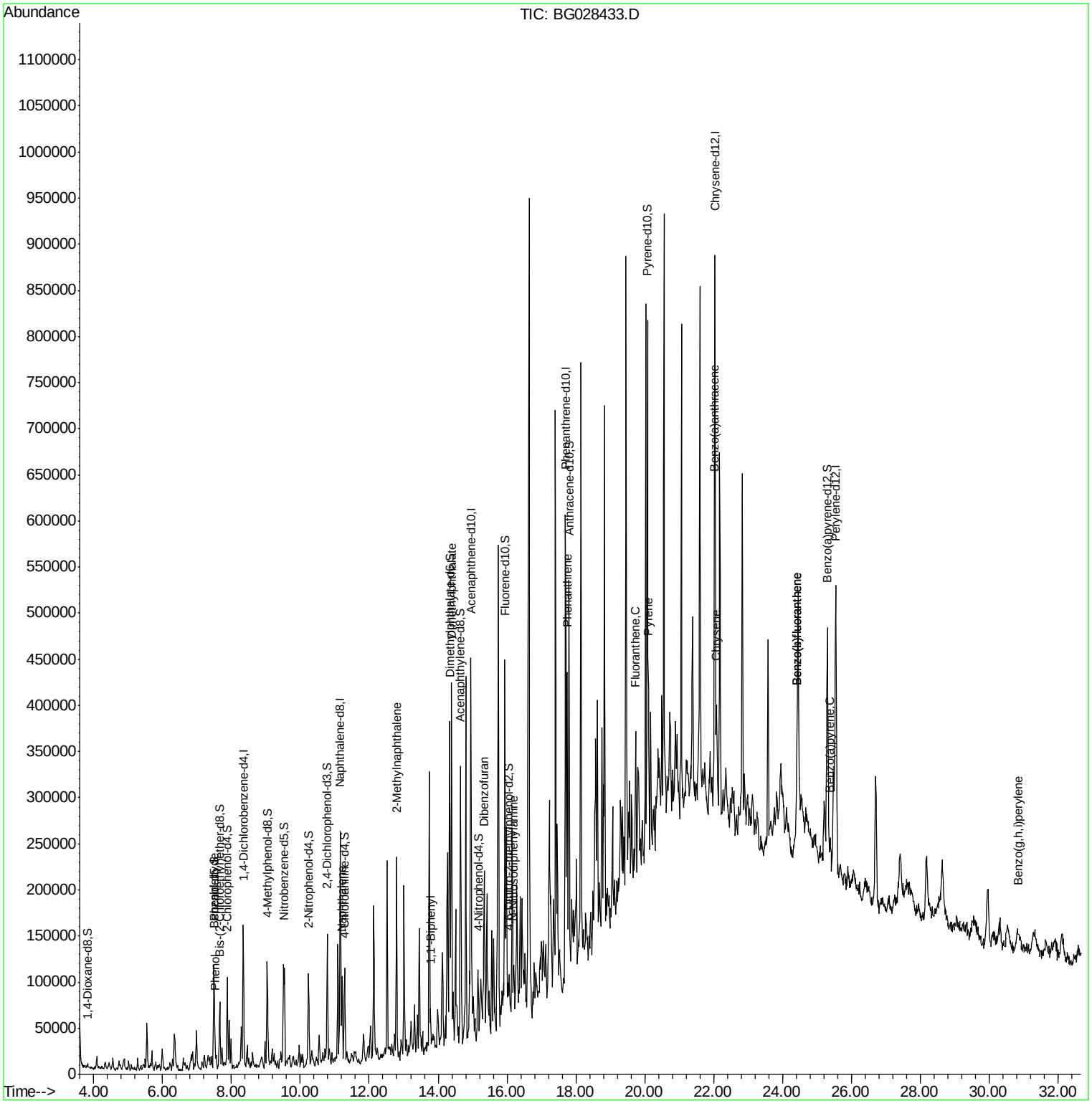
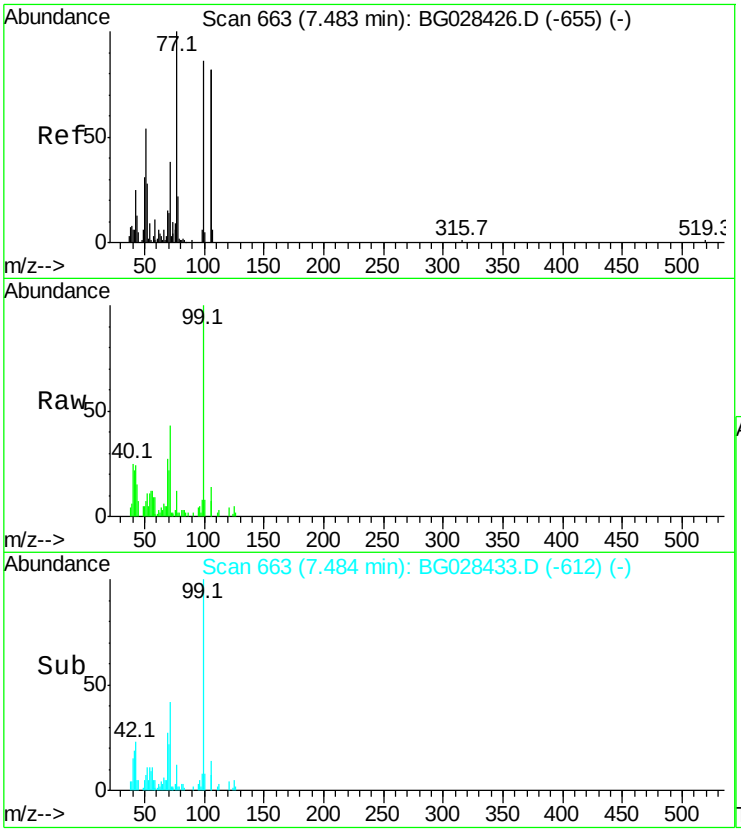
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration



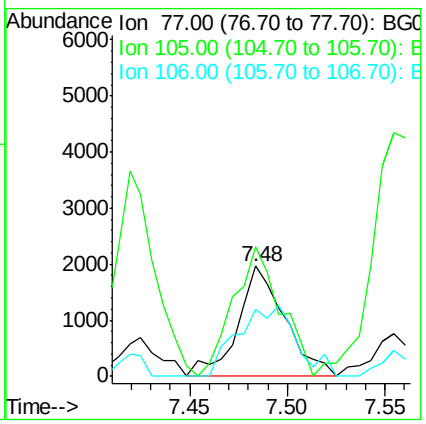


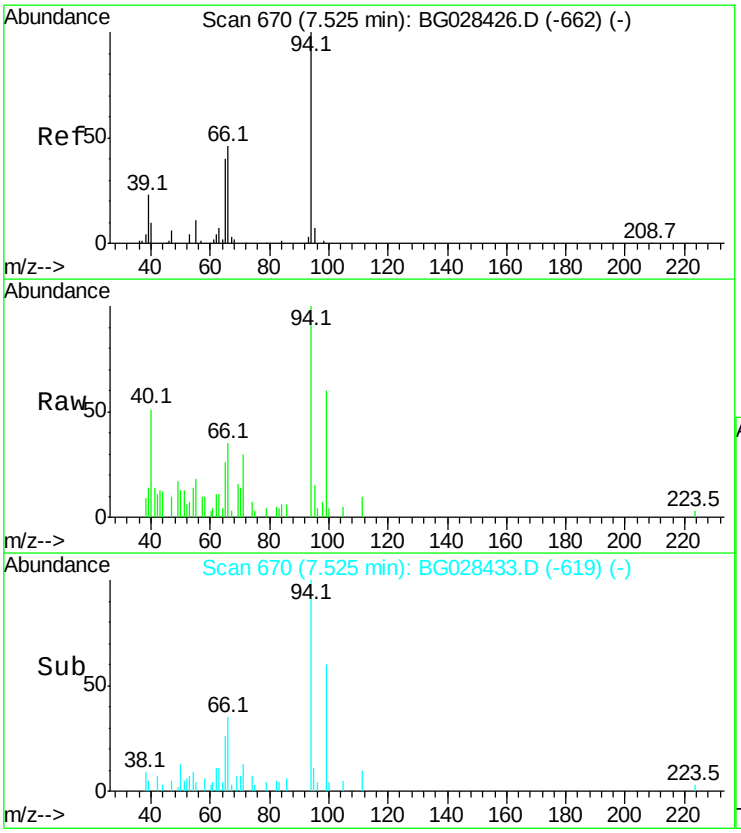
#4
Benzaldehyde
Concen: 1.187 ng/ul
RT: 7.48 min Scan# 663
Delta R.T. 0.00 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Instrument :
BNA_G
ClientSampleId :
E7GB9

Tgt Ion: 77 Resp: 3306

Ion	Ratio	Lower	Upper
77	100		
105	117.5	62.0	93.0#
106	61.0	60.2	90.4

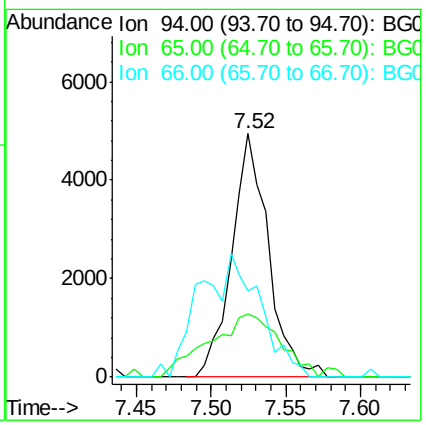


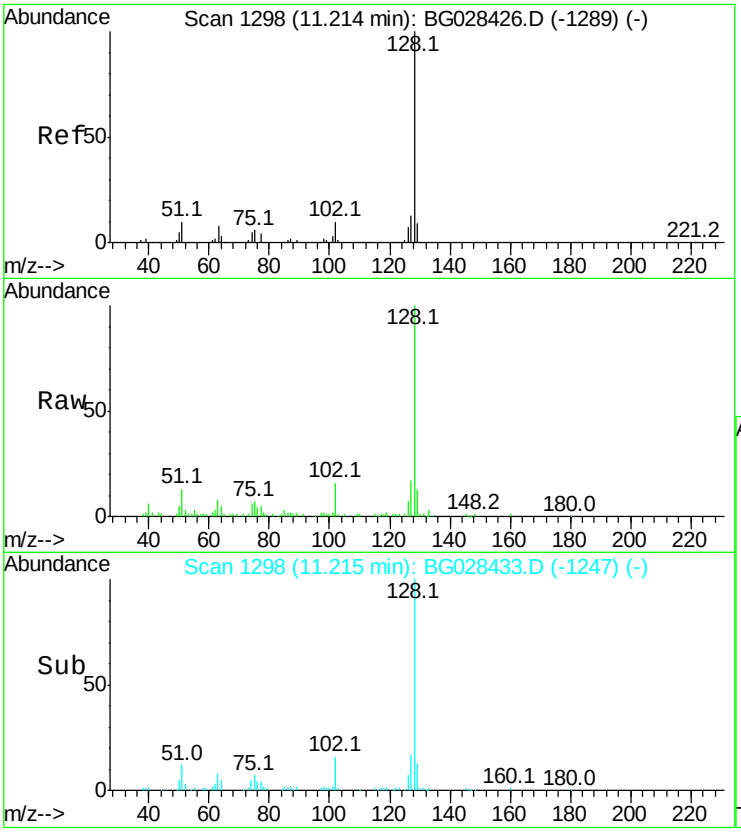


#6
Phenol
Concen: 1.757 ng/ul
RT: 7.52 min Scan# 670
Delta R.T. 0.00 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Tgt Ion: 94 Resp: 8414

Ion	Ratio	Lower	Upper
94	100		
65	26.0	26.8	40.2#
66	35.3	44.4	66.6#



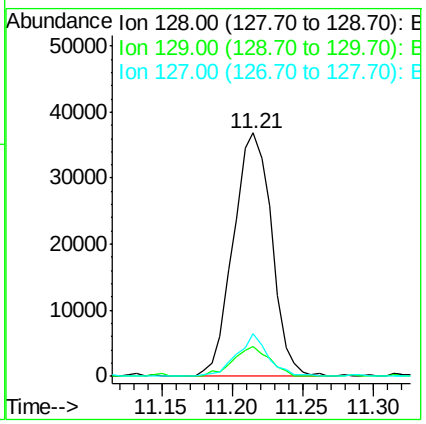


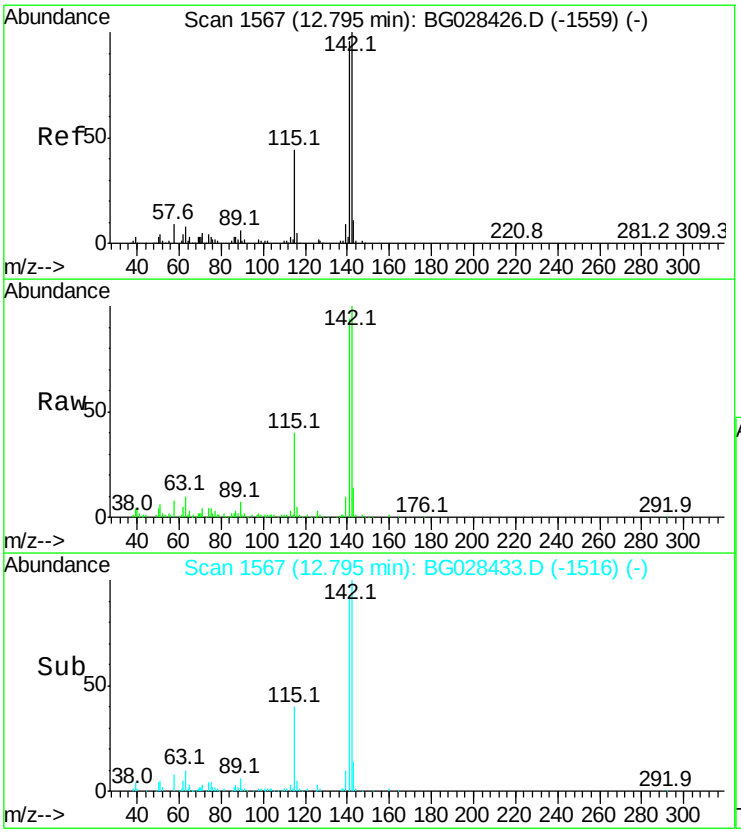
#28
Naphthalene
Concen: 7.120 ng/ul
RT: 11.21 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Instrument :
BNA_G
ClientSampleId :
E7GB9

Tgt Ion:128 Resp: 70191

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.4	14.2
127	17.4	10.3	15.5#

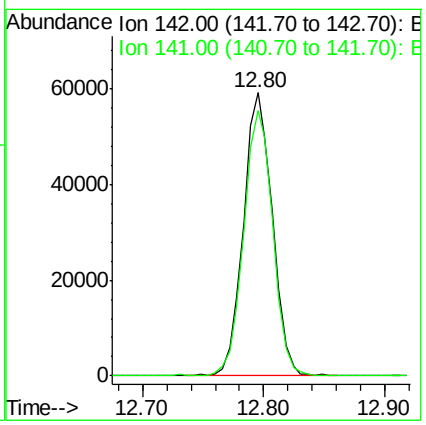


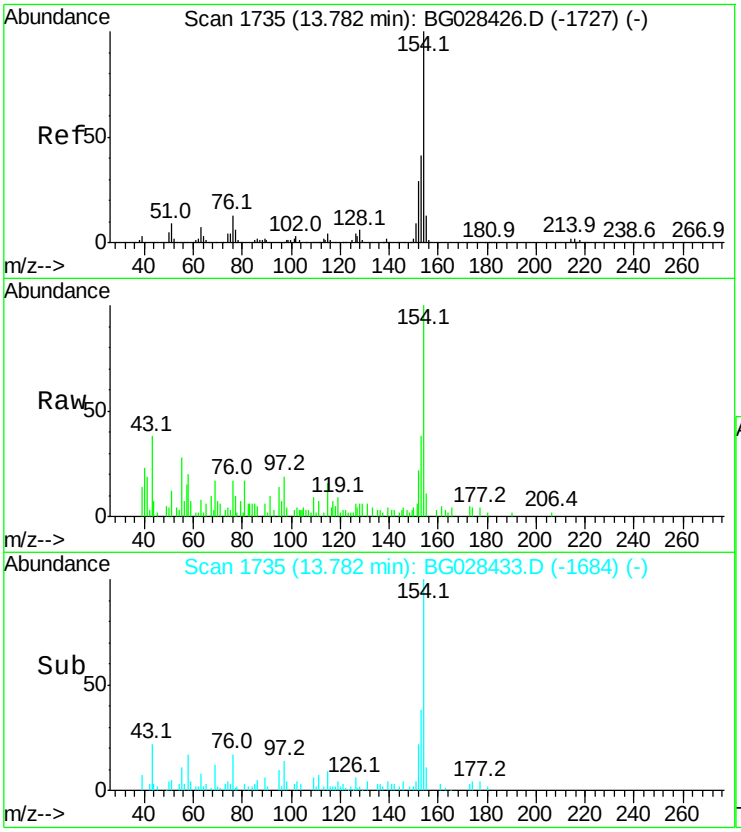


#34
2-Methylnaphthalene
Concen: 12.441 ng/ul
RT: 12.80 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Tgt Ion:142 Resp: 98508

Ion	Ratio	Lower	Upper
142	100		
141	93.7	68.6	102.8



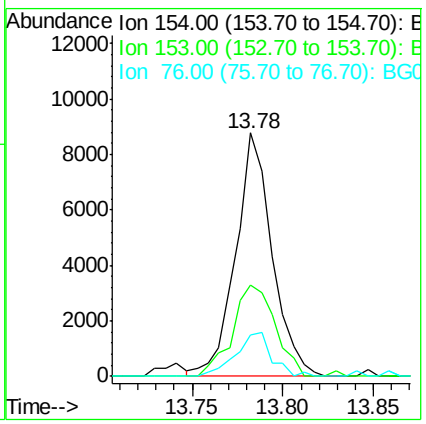


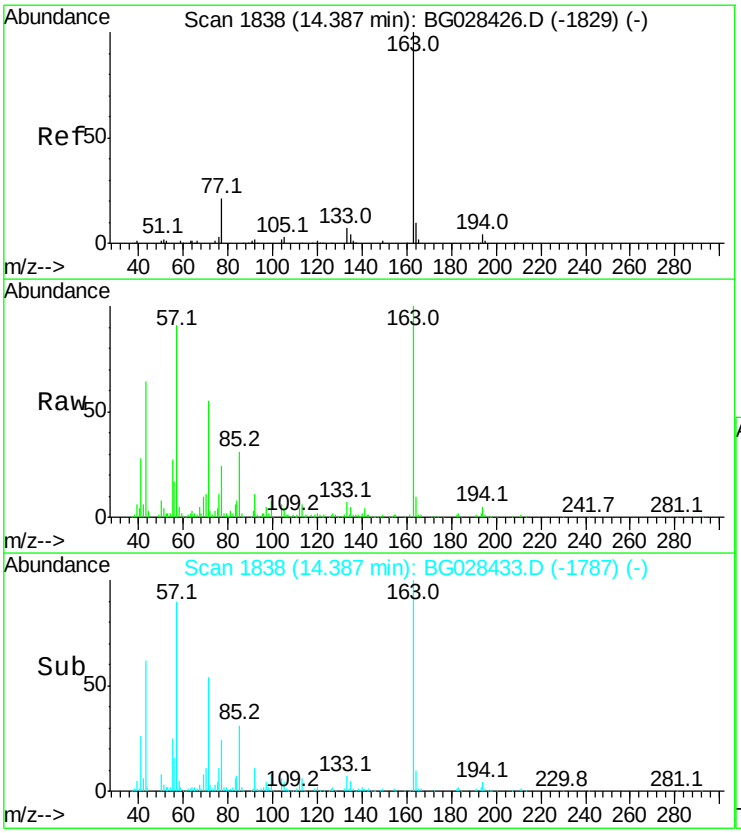
#40
1,1'-Biphenyl
Concen: 1.148 ng/ul
RT: 13.78 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Instrument :
BNA_G
ClientSampleId :
E7GB9

Tgt Ion:154 Resp: 12257

Ion	Ratio	Lower	Upper
154	100		
153	37.6	32.2	48.2
76	17.2	9.6	14.4#

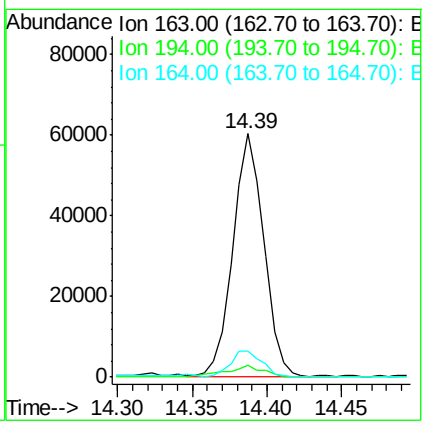


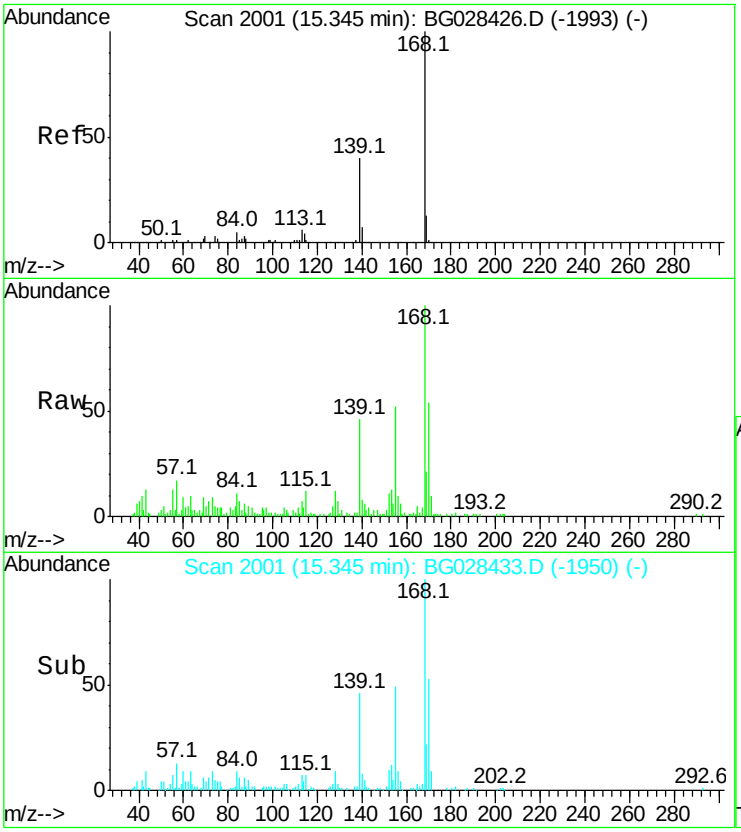


#44
Dimethylphthalate
Concen: 7.320 ng/ul
RT: 14.39 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Tgt Ion:163 Resp: 87596

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.0
164	10.5	9.0	13.4



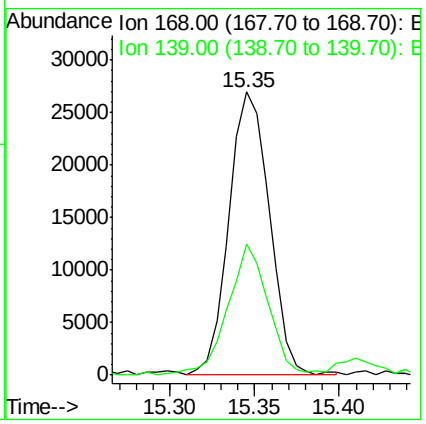


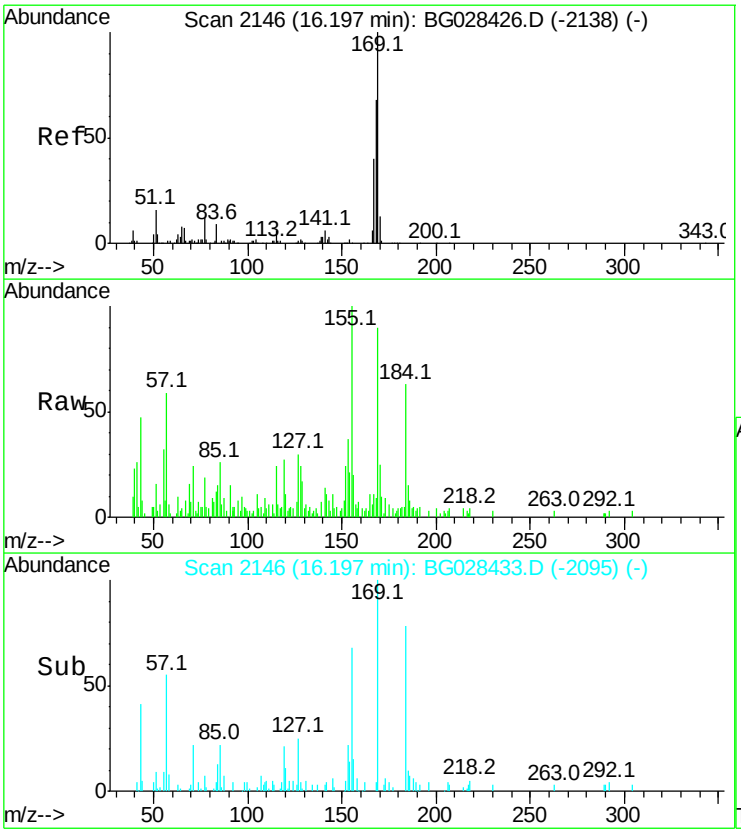
#53
Dibenzofuran
Concen: 3.273 ng/ul
RT: 15.35 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Instrument :
BNA_G
ClientSampleId :
E7GB9

Tgt Ion:168 Resp: 45090

Ion	Ratio	Lower	Upper
168	100		
139	46.4	33.8	50.8

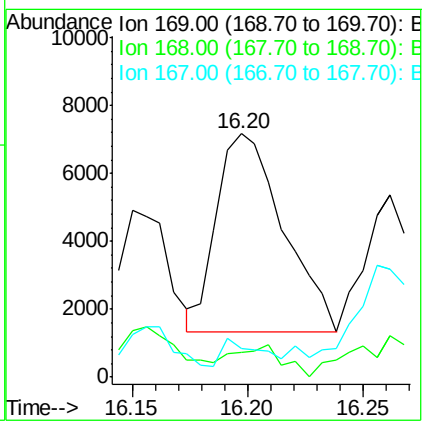


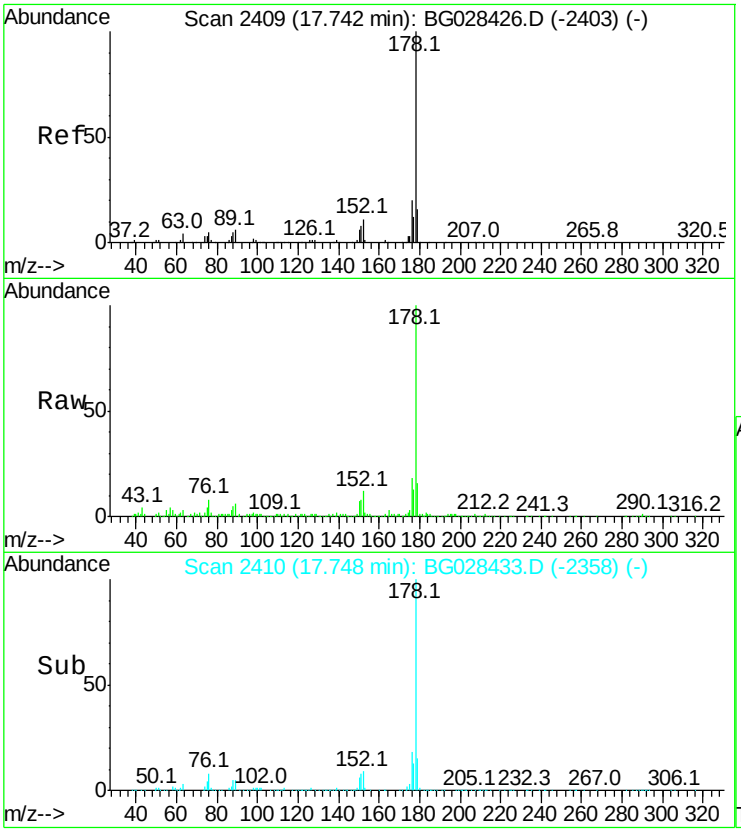


#64
N-Nitrosodiphenylamine
Concen: 1.356 ng/ul
RT: 16.20 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Tgt Ion:169 Resp: 11677

Ion	Ratio	Lower	Upper
169	100		
168	10.3	59.1	88.7#
167	11.9	29.7	44.5#



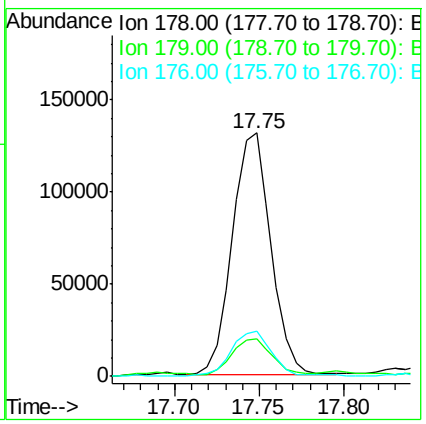


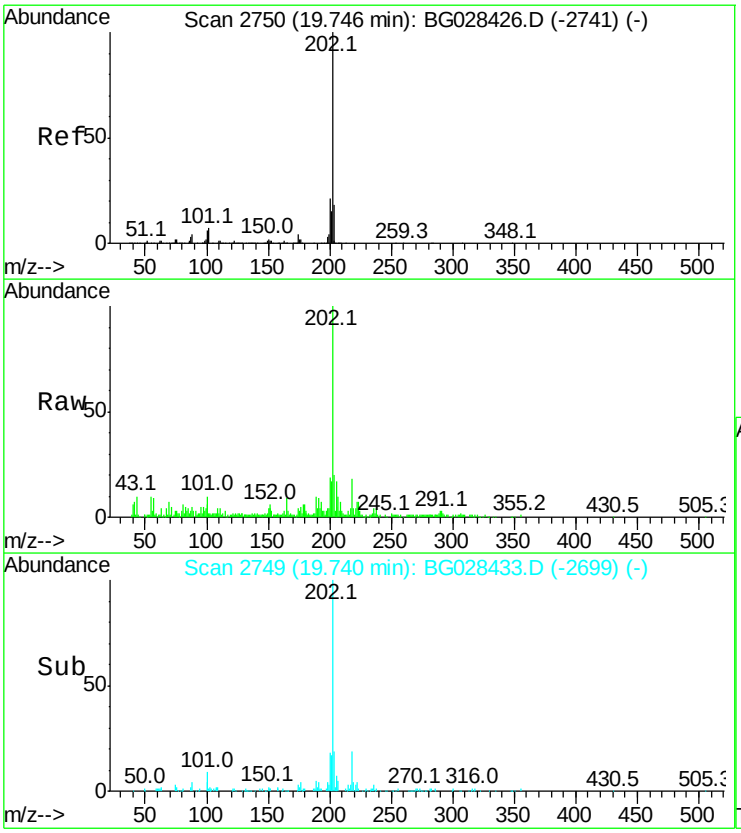
#69
Phenanthrene
Concen: 12.623 ng/ul
RT: 17.75 min Scan# 2410
Delta R.T. 0.01 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Instrument :
BNA_G
ClientSampleId :
E7GB9

Tgt Ion:178 Resp: 207983

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	18.4	16.5	24.7

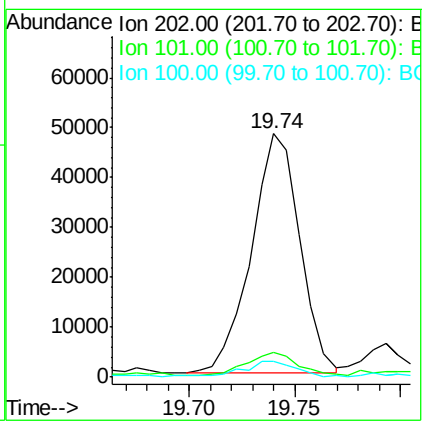


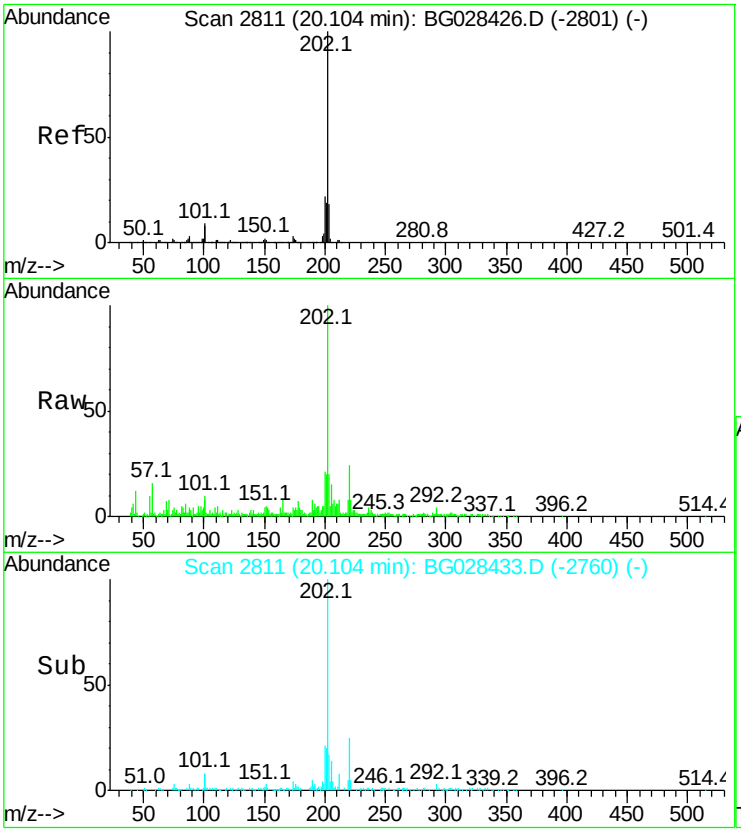


#74
Fluoranthene
Concen: 3.819 ng/ul
RT: 19.74 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Tgt Ion:202 Resp: 76464

Ion	Ratio	Lower	Upper
202	100		
101	9.9	6.2	9.2#
100	6.4	5.2	7.8



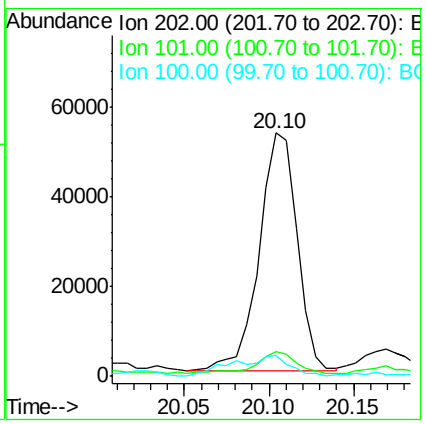


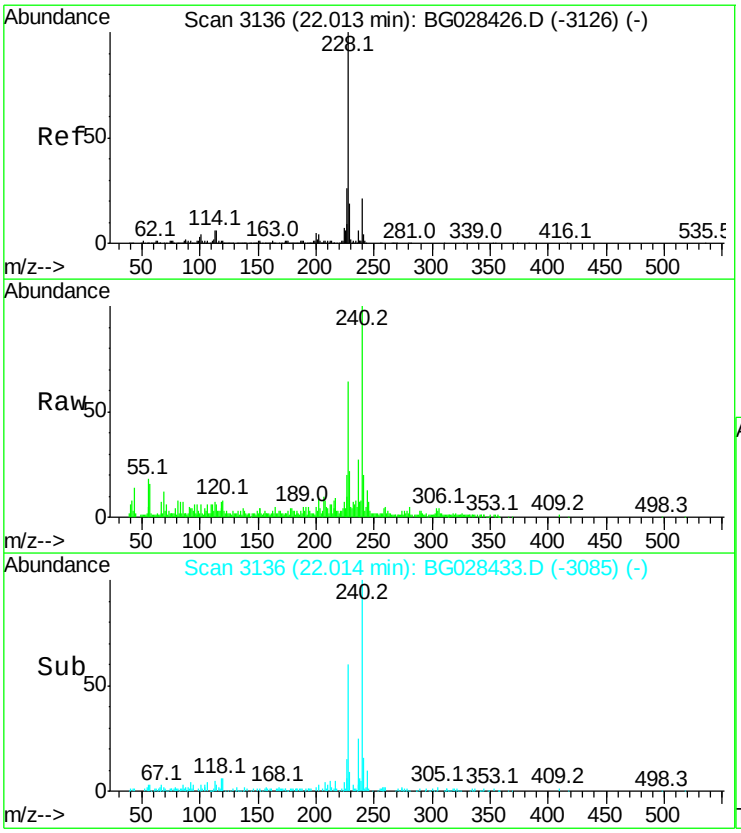
#77
Pyrene
Concen: 3.617 ng/ul
RT: 20.10 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Instrument :
BNA_G
ClientSampleId :
E7GB9

Tgt Ion:202 Resp: 81860

Ion	Ratio	Lower	Upper
202	100		
101	10.1	6.9	10.3
100	8.3	6.6	10.0

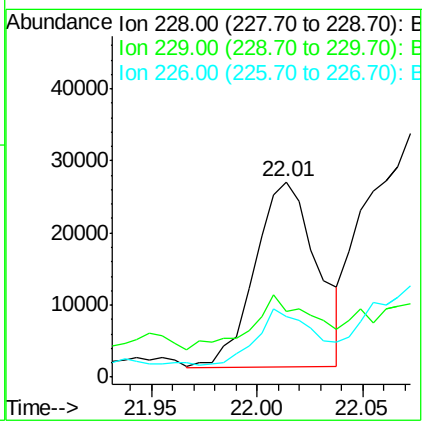


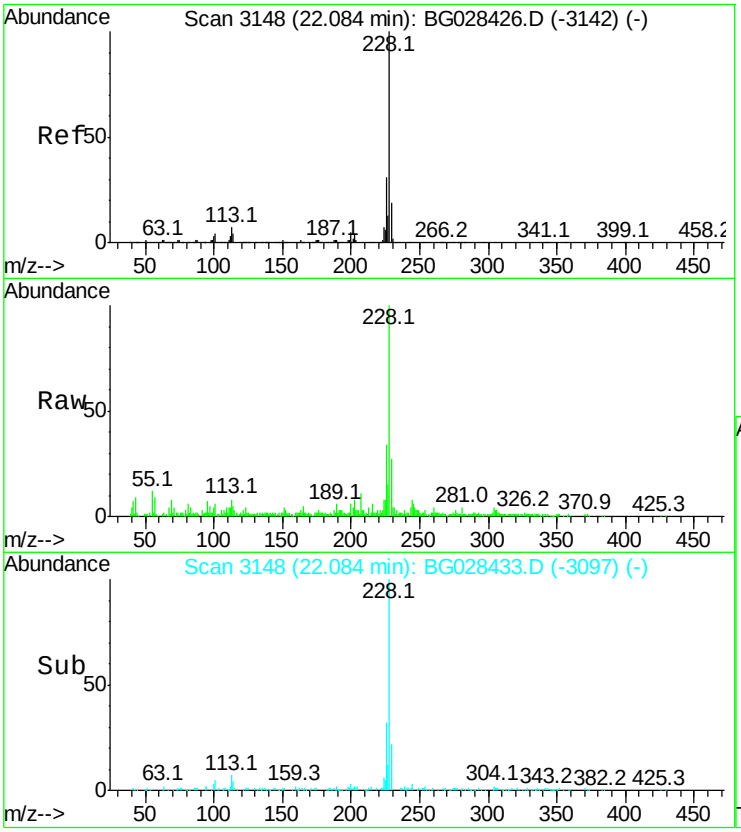


#80
Benzo(a)anthracene
Concen: 2.398 ng/ul
RT: 22.01 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Tgt Ion:228 Resp: 52550

Ion	Ratio	Lower	Upper
228	100		
229	33.9	16.3	24.5#
226	31.1	21.9	32.9



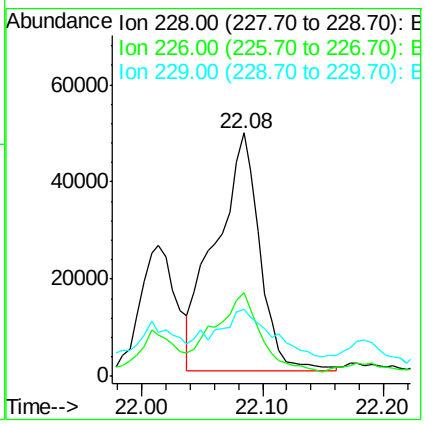


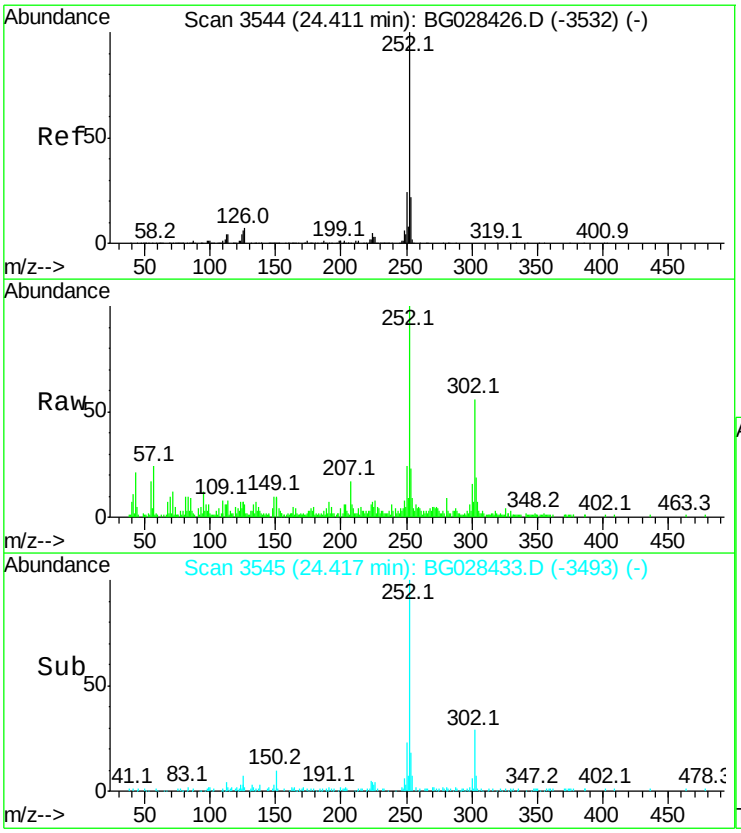
#82
Chrysene
Concen: 6.270 ng/ul
RT: 22.08 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Instrument :
BNA_G
ClientSampleId :
E7GB9

Tgt Ion:228 Resp: 123763

Ion	Ratio	Lower	Upper
228	100		
226	34.2	24.0	36.0
229	27.3	16.9	25.3#

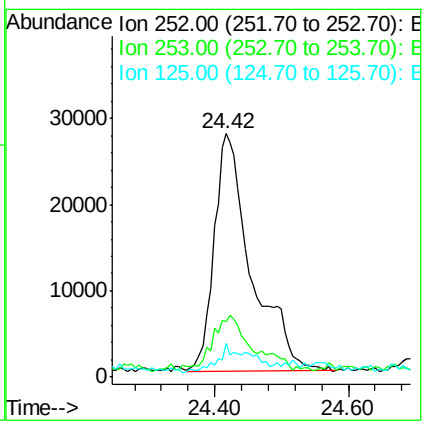


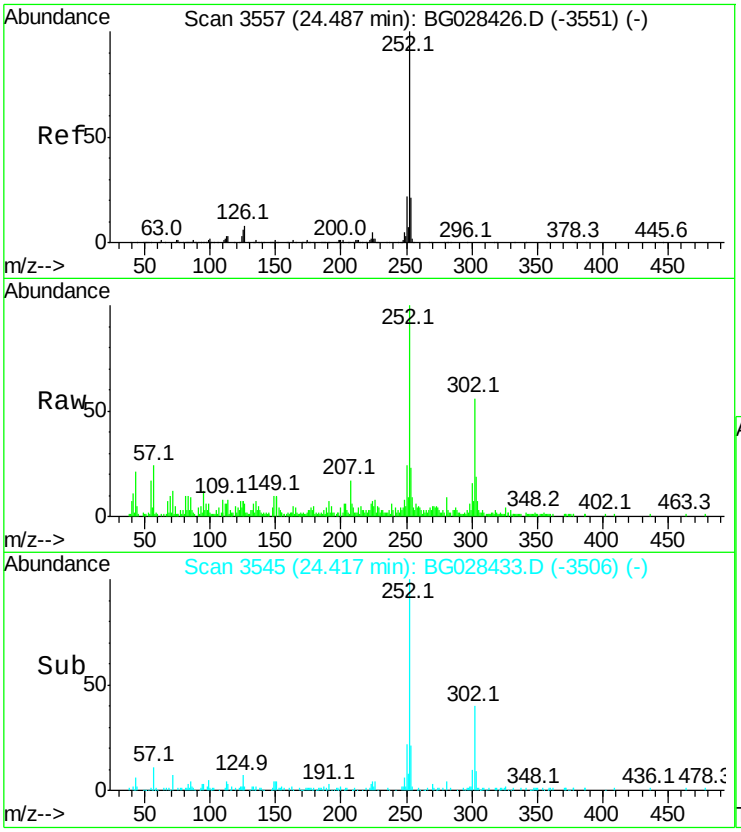


#85
Benzo(b)fluoranthene
Concen: 4.704 ng/ul
RT: 24.42 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Tgt Ion:252 Resp: 107473

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	13.6	4.0	6.0#



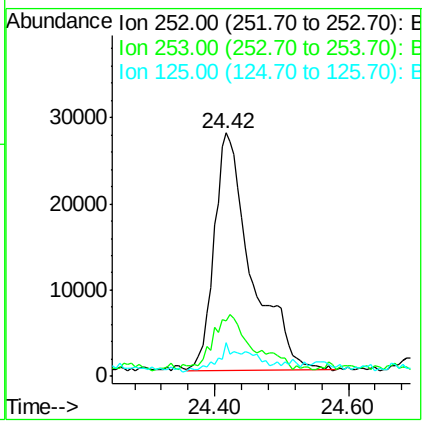


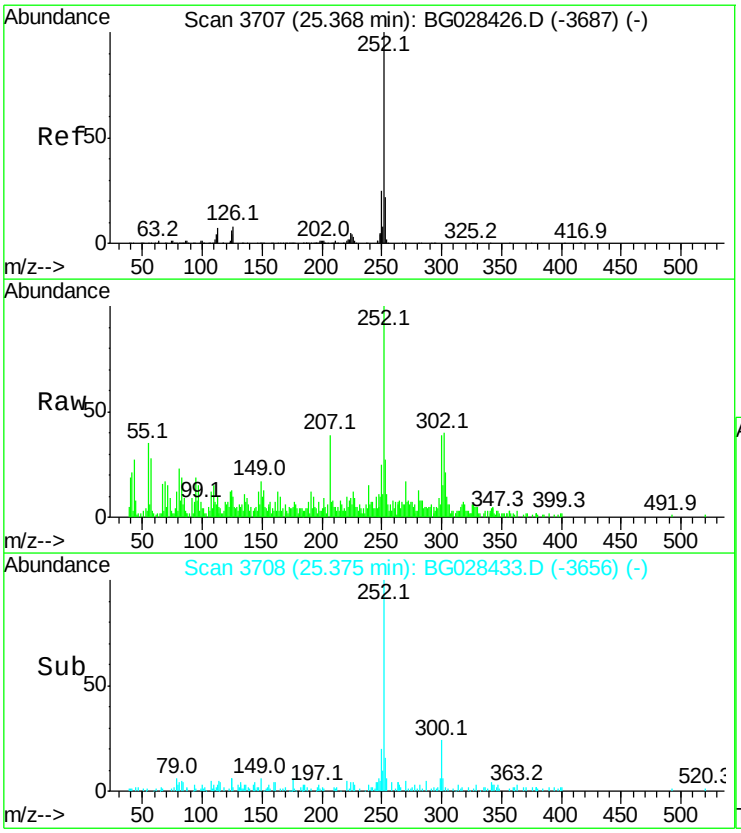
#86
Benzo(k)fluoranthene
Concen: 4.816 ng/ul
RT: 24.42 min Scan# 3545
Delta R.T. -0.07 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Instrument :
BNA_G
ClientSampleId :
E7GB9

Tgt Ion:252 Resp: 107473

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	13.6	4.1	6.1#

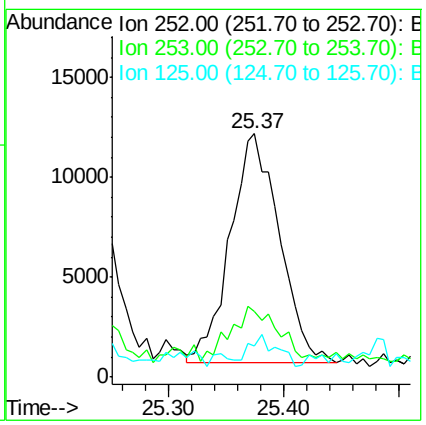


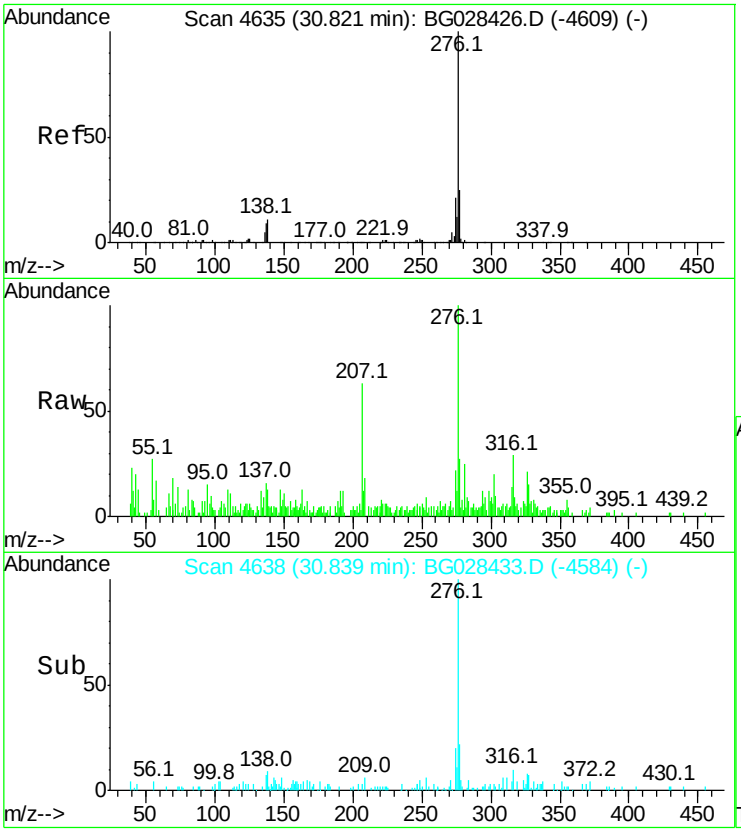


#88
Benzo(a)pyrene
Concen: 1.532 ng/ul
RT: 25.37 min Scan# 3708
Delta R.T. 0.01 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Tgt Ion:252 Resp: 33882

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.8	26.6#
125	12.9	5.4	8.0#





#91
Benzo(g,h,i)perylene
Concen: 2.041 ng/ul
RT: 30.84 min Scan# 4638
Delta R.T. 0.02 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Instrument :
BNA_G
ClientSampleId :
E7GB9

Tgt Ion:276 Resp: 43501

Ion	Ratio	Lower	Upper
276	100		
138	12.6	8.6	12.8
277	26.8	17.6	26.4#