Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013117\
Data File : BG025739.D
Acq On : 1 Feb 2017 5:39
Operator : SJ/MA
Sample : I1460-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNS5

Manual Integrations APPROVED
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Quant Time: Feb 01 06:46:03 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 01 04:33:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	76805	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	346710	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	269749	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	597014	20.00	ng/ul	0.00
75) Chrysene-d12	21.83	240	740008	20.00	ng/ul	0.00
83) Perylene-d12	25.21	264	772366	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	1813m	1.18	ng/uL	0.00
5) Phenol-d5	7.34	99	59858	9.09	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.49	67	40560	9.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	43964	9.47	ng/ul	0.01
13) 4-Methylphenol-d8	8.90	113	50277	8.99	ng/ul	0.02
19) Nitrobenzene-d5	9.36	128	22627	9.21	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	21920	7.47	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.65	165	42050	7.27	ng/ul	0.02
29) 4-Chloroaniline-d4	11.17	131	35138	5.43	ng/ul	0.02
43) Dimethylphthalate-d6	14.20	166	177580	9.32	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	212994	10.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	19523m	7.48	ng/ul	0.04
57) Fluorene-d10	15.79	176	168869	9.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	22057	5.99	ng/ul	0.01
70) Anthracene-d10	17.64	188	272506	10.72	ng/ul	0.00
76) Pyrene-d10	19.92	212	329762	10.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.98	264	295904	9.12	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.37	94	8314	1.20	ng/ul#	78
44) Dimethylphthalate	14.24	163	67767	3.62	ng/ul#	95
47) Acenaphthylene	14.53	152	41483	2.07	ng/ul#	93
69) Phenanthrene	17.59	178	382368	13.18	ng/ul	95
71) Anthracene	17.69	178	52022m	1.78	ng/ul	
74) Fluoranthene	19.59	202	995937	29.08	ng/ul	99
77) Pyrene	19.95	202	1003040	27.56	ng/ul	96
80) Benzo(a)anthracene	21.81	228	644915	16.49	ng/ul	98
82) Chrysene	21.88	228	639581	17.39	ng/ul	98
85) Benzo(b)fluoranthene	24.13	252	823739	20.61	ng/ul#	96
86) Benzo(k)fluoranthene	24.19	252	270286	7.21	ng/ul#	98
88) Benzo(a)pyrene	25.05	252	482628	12.76	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	29.10	276	398300	8.32	ng/ul	100
90) Dibenzo(a,h)anthracene	29.13	278	125702m	3.15	ng/ul	
91) Benzo(g,h,i)perylene	30.35	276	50127	1.27	ng/ul	94

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

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Instrument :
BNA_G
ClientSampleId :
BDNS5

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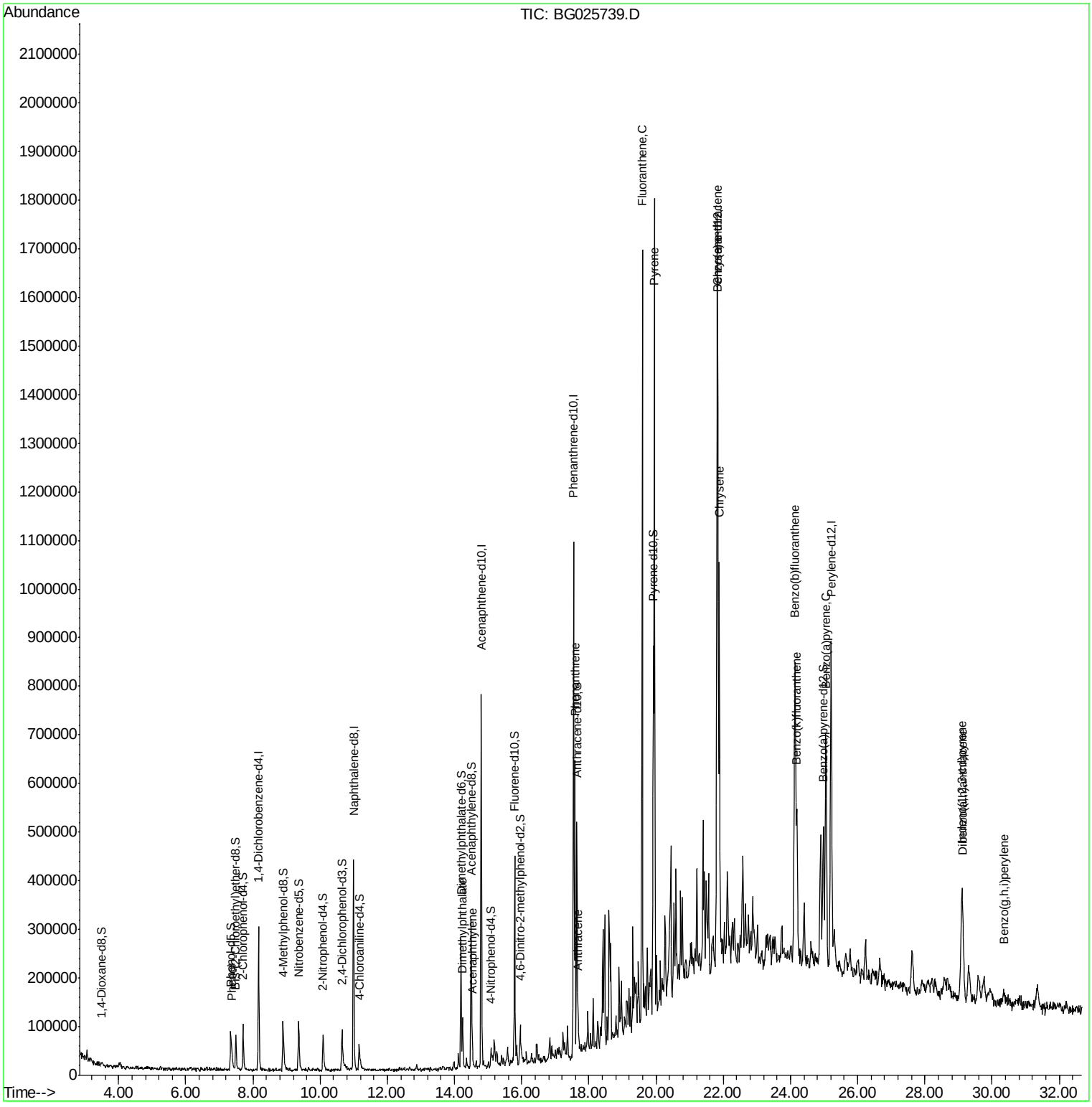
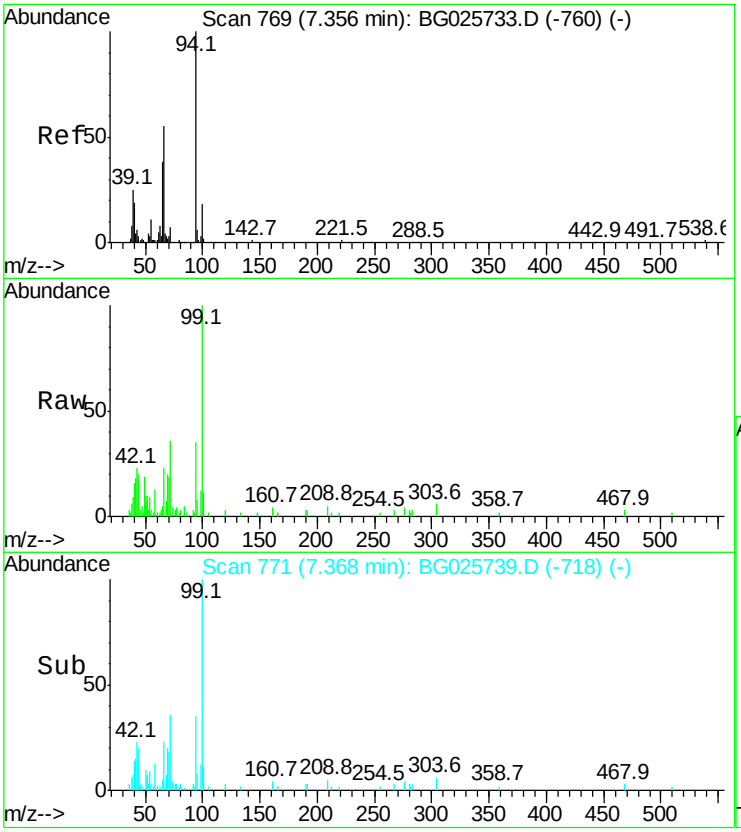
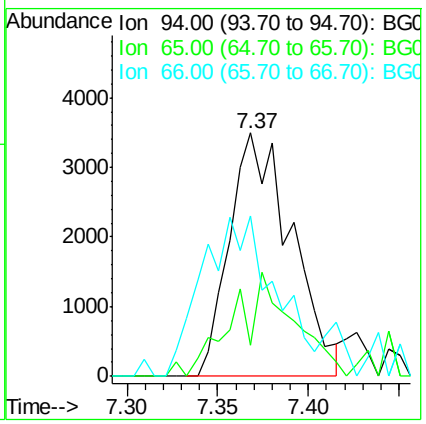




#6
Phenol
Concen: 1.20 ng/ul
RT: 7.37 min Scan# 771
Delta R.T. 0.01 min
Lab File: BG025739.D
Acq: 1 Feb 2017 5:39

Tgt Ion: 94 Resp: 8314

Ion	Ratio	Lower	Upper
94	100		
65	13.0	26.8	40.2#
66	65.9	44.4	66.6



Instrument :
BNA_G
ClientSampleId :
BDNS5

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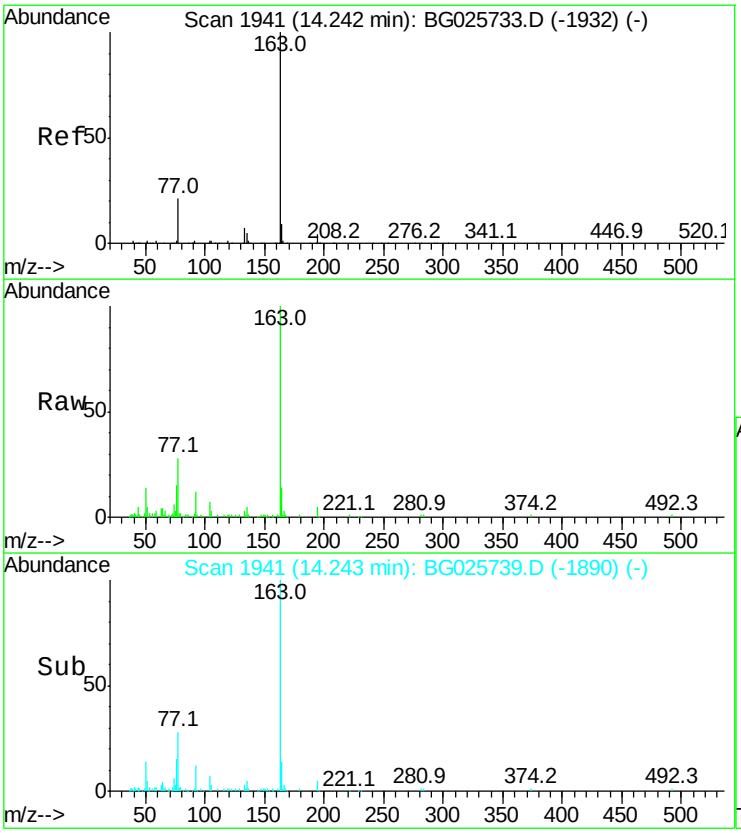
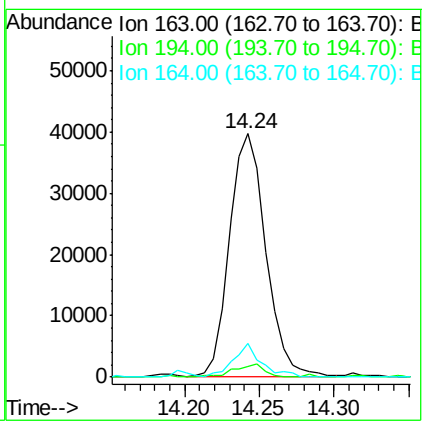
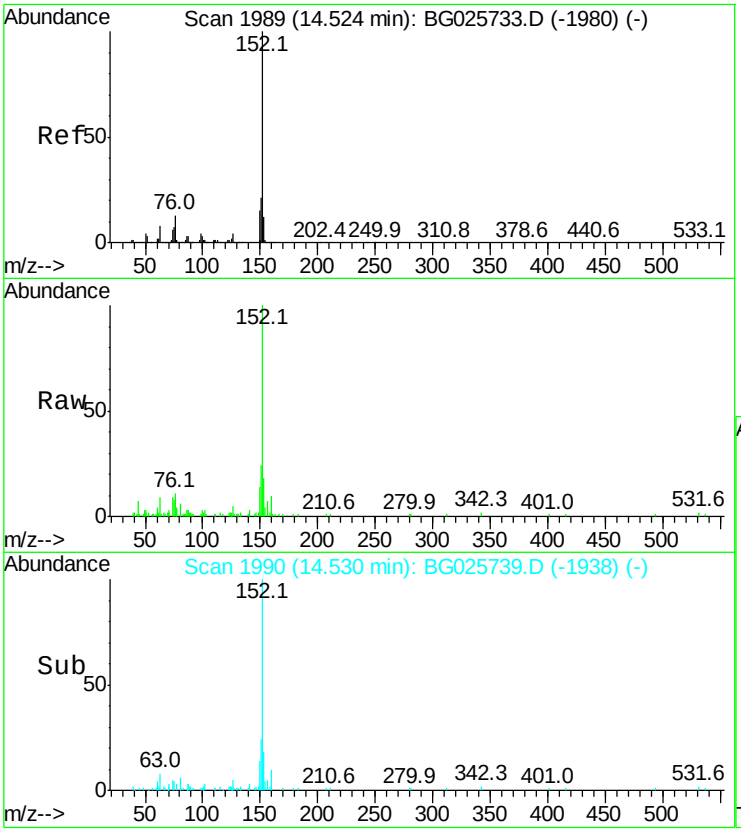


#44
Dimethylphthalate
Concen: 3.62 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BG025739.D
Acq: 1 Feb 2017 5:39

Tgt Ion:163 Resp: 67767

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	13.9	9.0	13.4#





#47
Acenaphthylene
Concen: 2.07 ng/ul
RT: 14.53 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG025739.D
Acq: 1 Feb 2017 5:39

Tgt Ion:152 Resp: 41483

Ion	Ratio	Lower	Upper
152	100		
151	23.5	16.7	25.1
153	17.9	11.4	17.2#

Instrument :
BNA_G
ClientSampleId :
BDNS5

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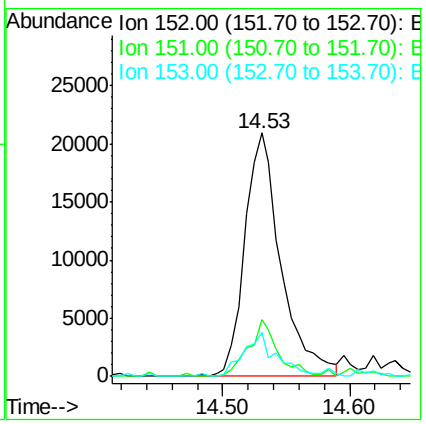
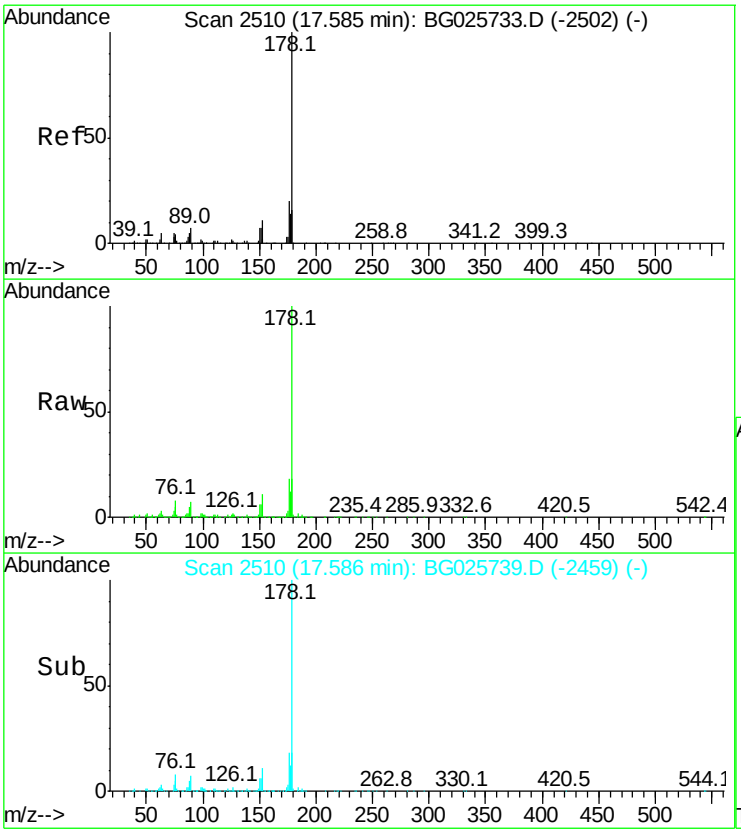
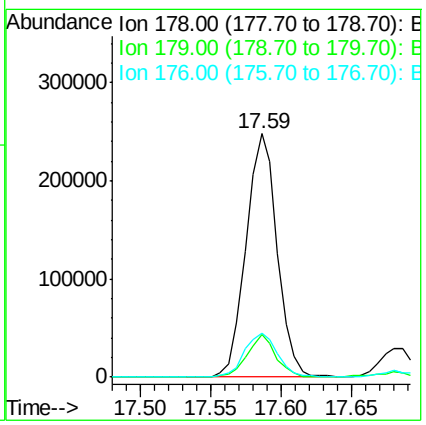


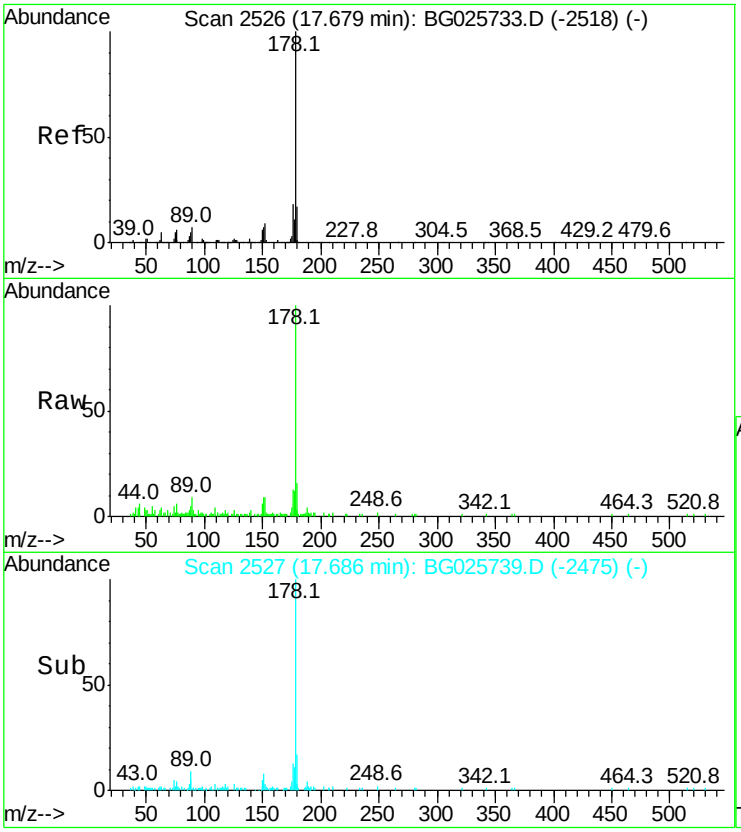


#69
Phenanthrene
Concen: 13.18 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BG025739.D
Acq: 1 Feb 2017 5:39

Tgt Ion:178 Resp: 382368

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.4	18.6
176	18.1	16.5	24.7

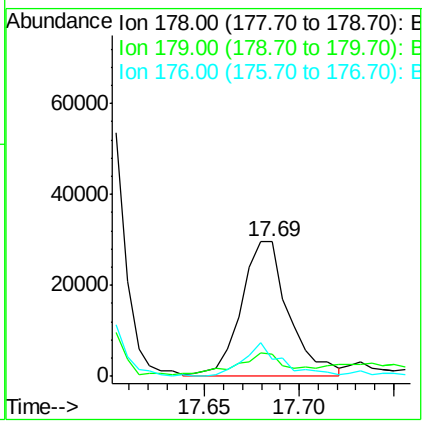




#71
Anthracene
Concen: 1.78 ng/ul m
RT: 17.69 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BG025739.D
Acq: 1 Feb 2017 5:39

Tgt Ion:178 Resp: 52022

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	19.0
176	12.7	15.9	23.9#



Instrument :
BNA_G
ClientSampleId :
BDNS5

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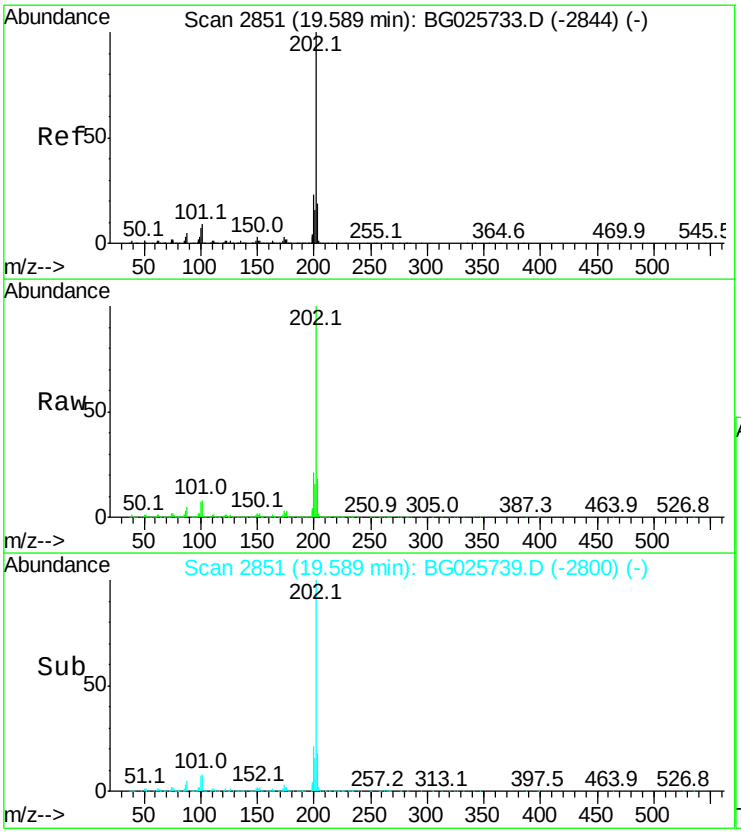
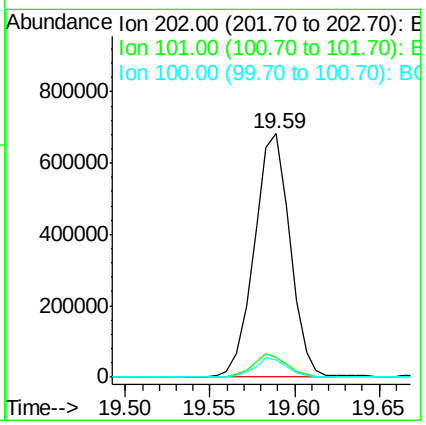
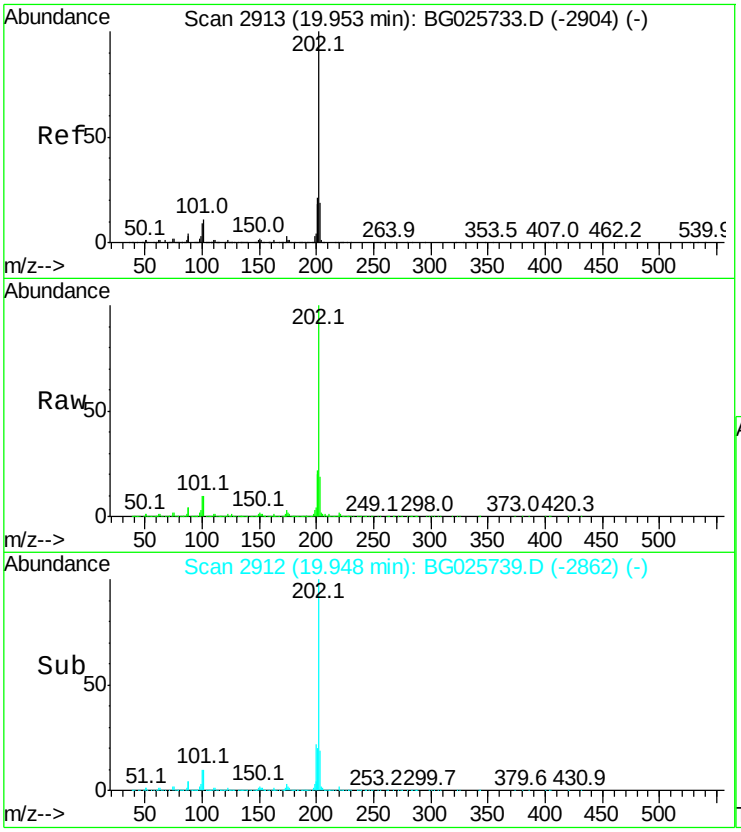


#74
Fluoranthene
Concen: 29.08 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG025739.D
Acq: 1 Feb 2017 5:39

Tgt Ion:202 Resp: 995937

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.2	9.2
100	7.0	5.2	7.8

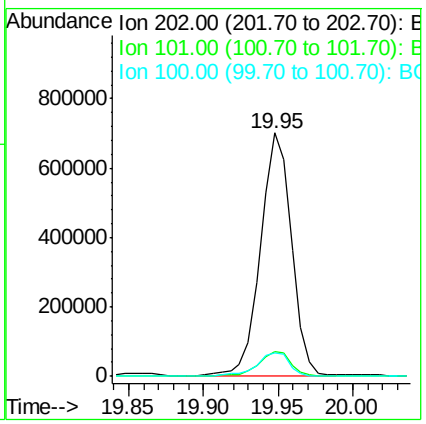




#77
Pyrene
Concen: 27.56 ng/ul
RT: 19.95 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BG025739.D
Acq: 1 Feb 2017 5:39

Tgt Ion:202 Resp: 1003040

Ion	Ratio	Lower	Upper
202	100		
101	9.9	6.9	10.3
100	9.5	6.6	10.0



Instrument :
BNA_G
ClientSampleId :
BDNS5

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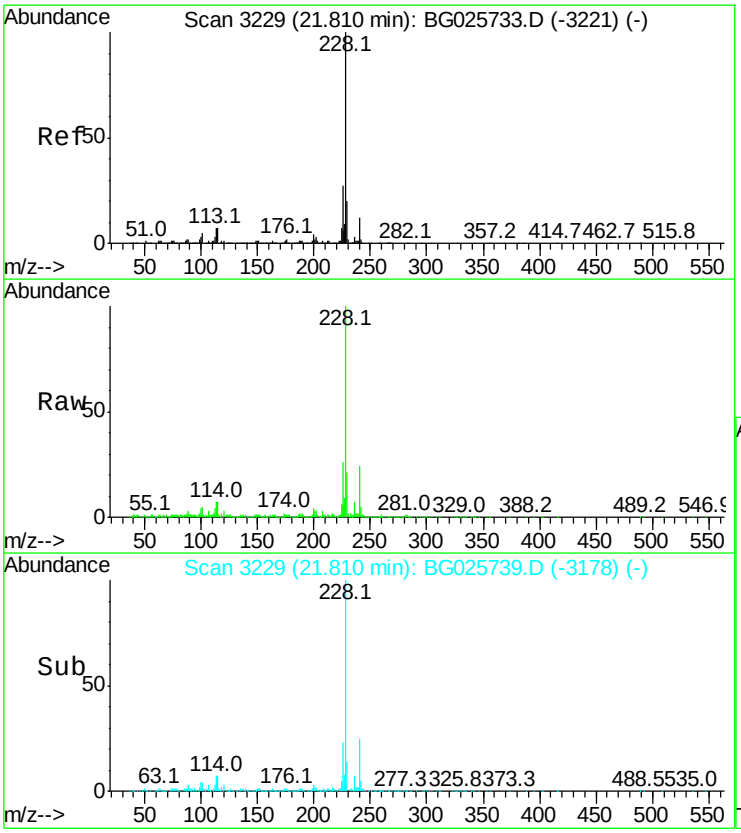
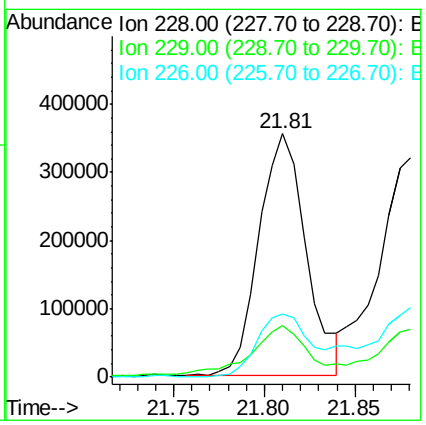
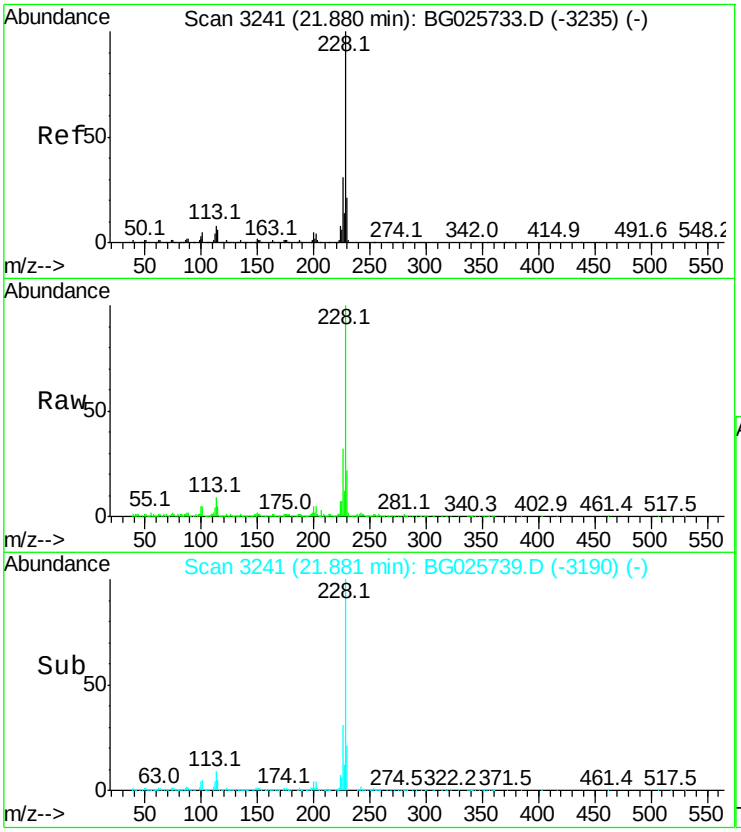


#80
Benzo(a)anthracene
Concen: 16.49 ng/ul
RT: 21.81 min Scan# 3229
Delta R.T. 0.00 min
Lab File: BG025739.D
Acq: 1 Feb 2017 5:39

Tgt Ion:228 Resp: 644915

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.3	24.5
226	26.1	21.9	32.9

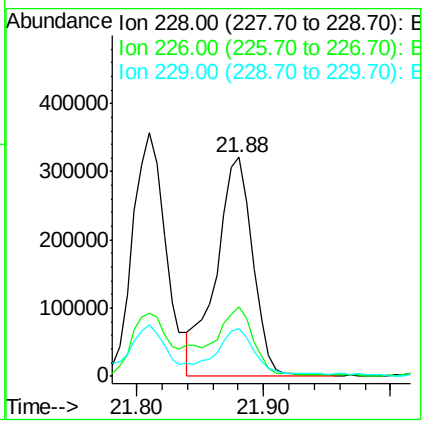




#82
Chrysene
Concen: 17.39 ng/ul
RT: 21.88 min Scan# 3241
Delta R.T. 0.00 min
Lab File: BG025739.D
Acq: 1 Feb 2017 5:39

Tgt Ion:228 Resp: 639581

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.0	36.0
229	21.9	16.9	25.3



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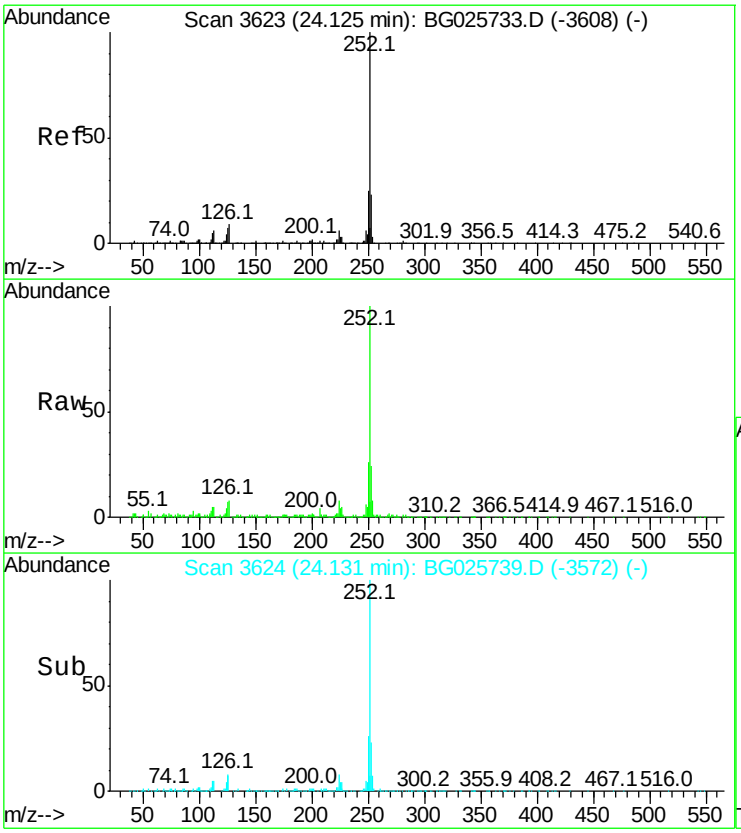
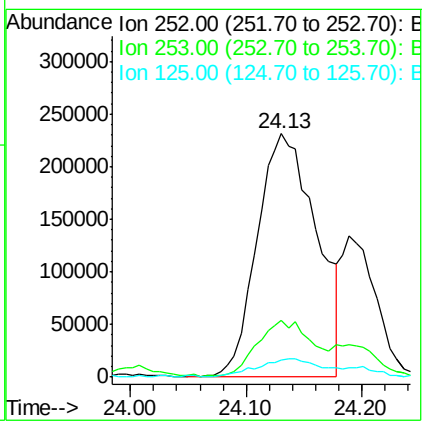
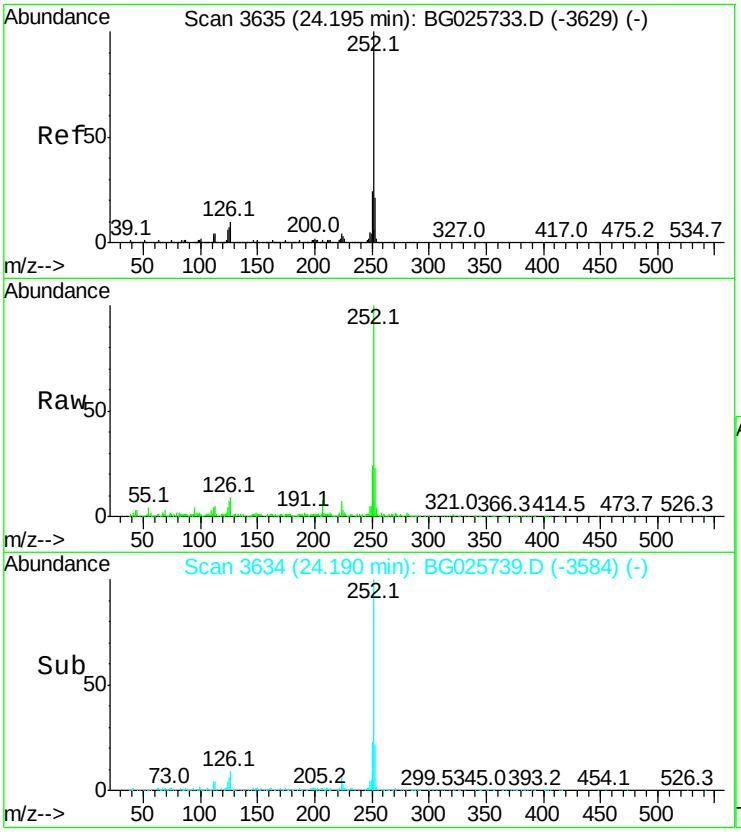


#85
Benzo(b)fluoranthene
Concen: 20.61 ng/ul
RT: 24.13 min Scan# 3624
Delta R.T. 0.01 min
Lab File: BG025739.D
Acq: 1 Feb 2017 5:39

Tgt Ion:252 Resp: 823739

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	7.2	4.0	6.0#

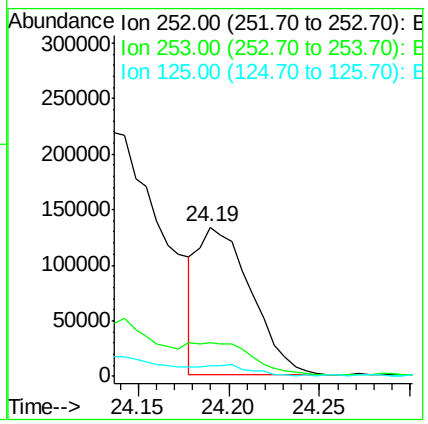




#86
Benzo(k)fluoranthene
Concen: 7.21 ng/ul
RT: 24.19 min Scan# 3634
Delta R.T. -0.01 min
Lab File: BG025739.D
Acq: 1 Feb 2017 5:39

Tgt Ion:252 Resp: 270286

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	6.7	4.1	6.1#



Instrument :
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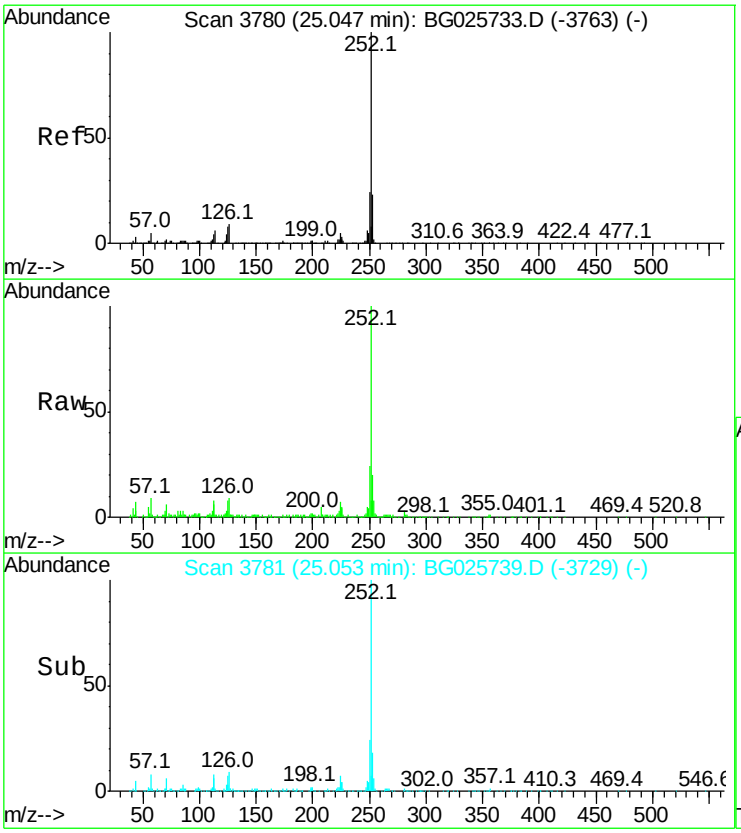
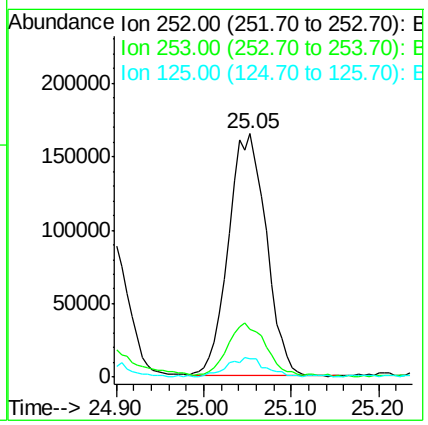
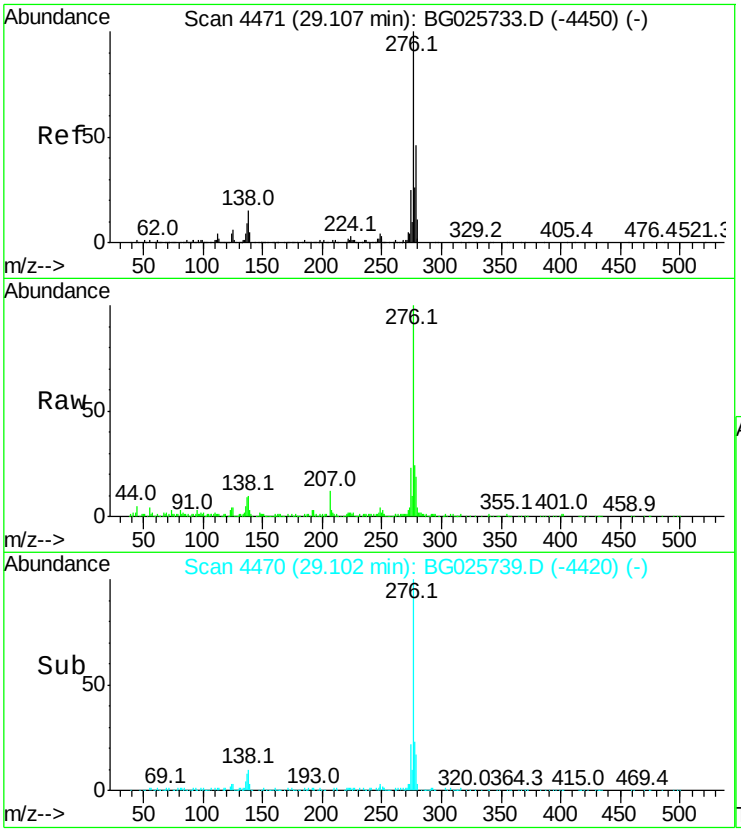


#88
Benzo(a)pyrene
Concen: 12.76 ng/ul
RT: 25.05 min Scan# 3781
Delta R.T. 0.01 min
Lab File: BG025739.D
Acq: 1 Feb 2017 5:39

Tgt Ion:252 Resp: 482628

Ion	Ratio	Lower	Upper
252	100		
253	19.5	17.8	26.6
125	7.6	5.4	8.0

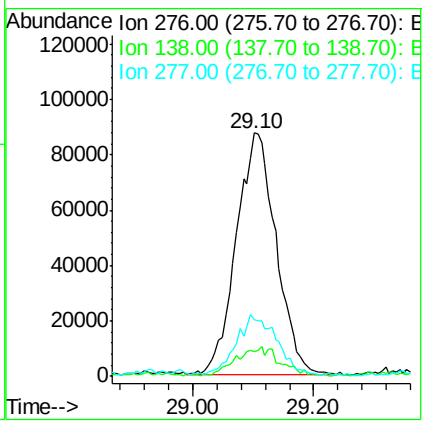




#89
Indeno(1,2,3-cd)pyrene
Concen: 8.32 ng/ul
RT: 29.10 min Scan# 4470
Delta R.T. -0.01 min
Lab File: BG025739.D
Acq: 1 Feb 2017 5:39

Tgt Ion:276 Resp: 398300

Ion	Ratio	Lower	Upper
276	100		
138	10.3	8.2	12.4
277	23.6	18.6	28.0



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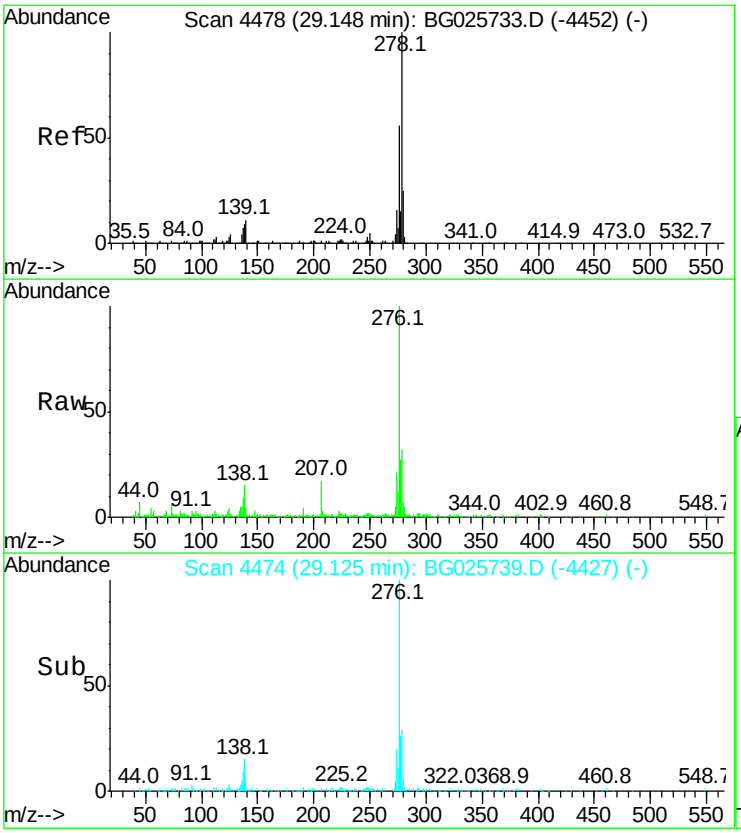
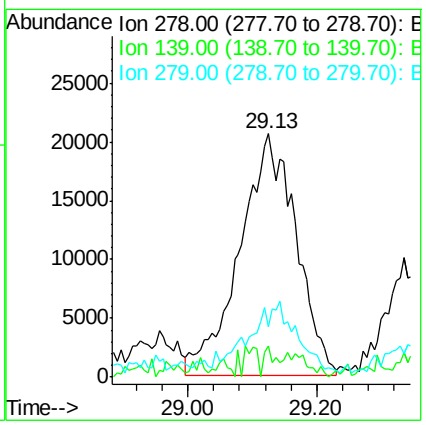
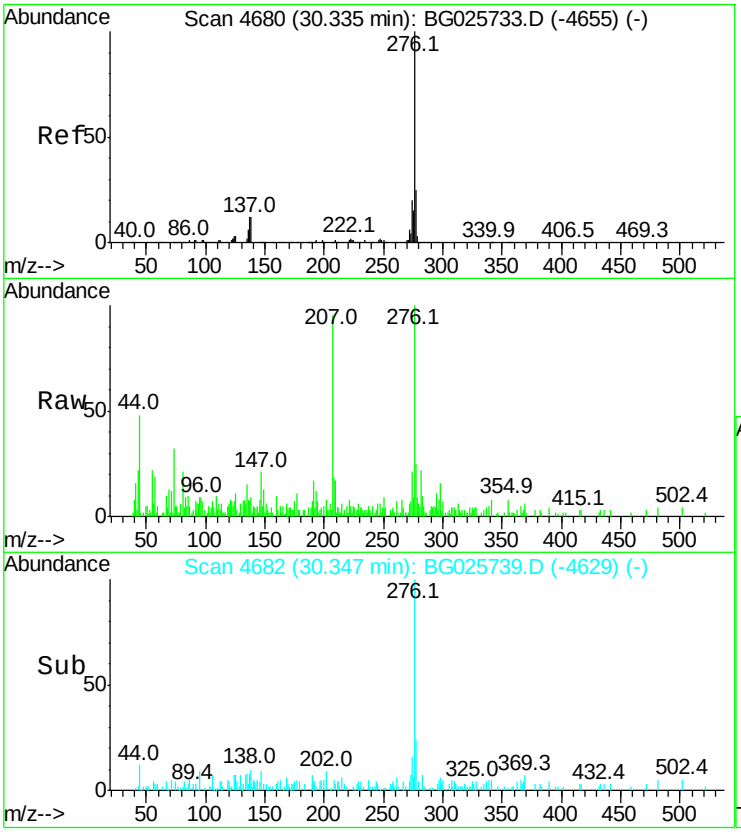


#90
Dibenzo(a,h)anthracene
Concen: 3.15 ng/ul m
RT: 29.13 min Scan# 4474
Delta R.T. -0.02 min
Lab File: BG025739.D
Acq: 1 Feb 2017 5:39

Tgt Ion:278 Resp: 125702

Ion	Ratio	Lower	Upper
278	100		
139	12.6	6.7	10.1#
279	20.7	20.9	31.3#

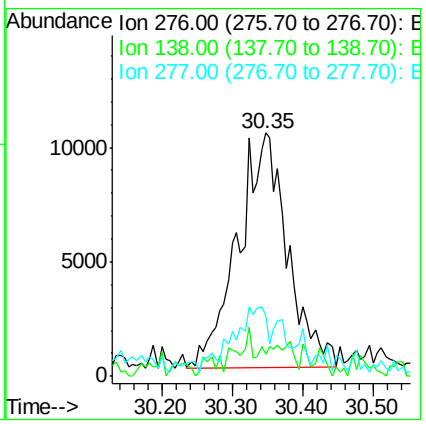




#91
Benzo(g,h,i)perylene
Concen: 1.27 ng/ul
RT: 30.35 min Scan# 4682
Delta R.T. 0.01 min
Lab File: BG025739.D
Acq: 1 Feb 2017 5:39

Tgt Ion:276 Resp: 50127

Ion	Ratio	Lower	Upper
276	100		
138	8.9	8.6	12.8
277	25.1	17.6	26.4



Instrument :
BNA_G
ClientSampleId :
BDNS5

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