Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020217\
Data File : BG025756.D
Acq On : 2 Feb 2017 13:18
Operator : SJ/MA
Sample : I1449-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0FH1

Manual Integrations APPROVED
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2/3/2017 11:38:10 AM

Quant Time: Feb 02 15:49:12 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 02 14:22:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	90521	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	390329	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	295767	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	625141	20.00	ng/ul	0.00
75) Chrysene-d12	21.83	240	742964	20.00	ng/ul	0.00
83) Perylene-d12	25.21	264	740541	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	7585	4.19	ng/uL	0.00
5) Phenol-d5	7.33	99	149558	19.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	109138	21.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	111973	20.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	121128	18.37	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	55337	20.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	62765	19.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	110099	16.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	100377	13.79	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	403021	19.30	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	485353	21.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	44323	15.49	ng/ul	0.03
57) Fluorene-d10	15.79	176	375173	19.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	44571	11.56	ng/ul	0.00
70) Anthracene-d10	17.64	188	569676m	21.40	ng/ul	0.00
76) Pyrene-d10	19.92	212	696856	22.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.97	264	667132	21.43	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.36	94	37432	4.59	ng/ul#	95
44) Dimethylphthalate	14.24	163	69440	3.38	ng/ul#	98
69) Phenanthrene	17.59	178	47351	1.56	ng/ul	95
74) Fluoranthene	19.59	202	148615	4.14	ng/ul#	96
77) Pyrene	19.95	202	131335	3.59	ng/ul	98
80) Benzo(a)anthracene	21.81	228	70551	1.80	ng/ul#	82
82) Chrysene	21.88	228	106067m	2.87	ng/ul	
85) Benzo(b)fluoranthene	24.14	252	138588	3.62	ng/ul#	98
86) Benzo(k)fluoranthene	24.20	252	50006m	1.39	ng/ul	
88) Benzo(a)pyrene	25.05	252	88089	2.43	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.11	276	82607	1.80	ng/ul	92
91) Benzo(g,h,i)perylene	30.34	276	77582m	2.06	ng/ul	

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

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Instrument :
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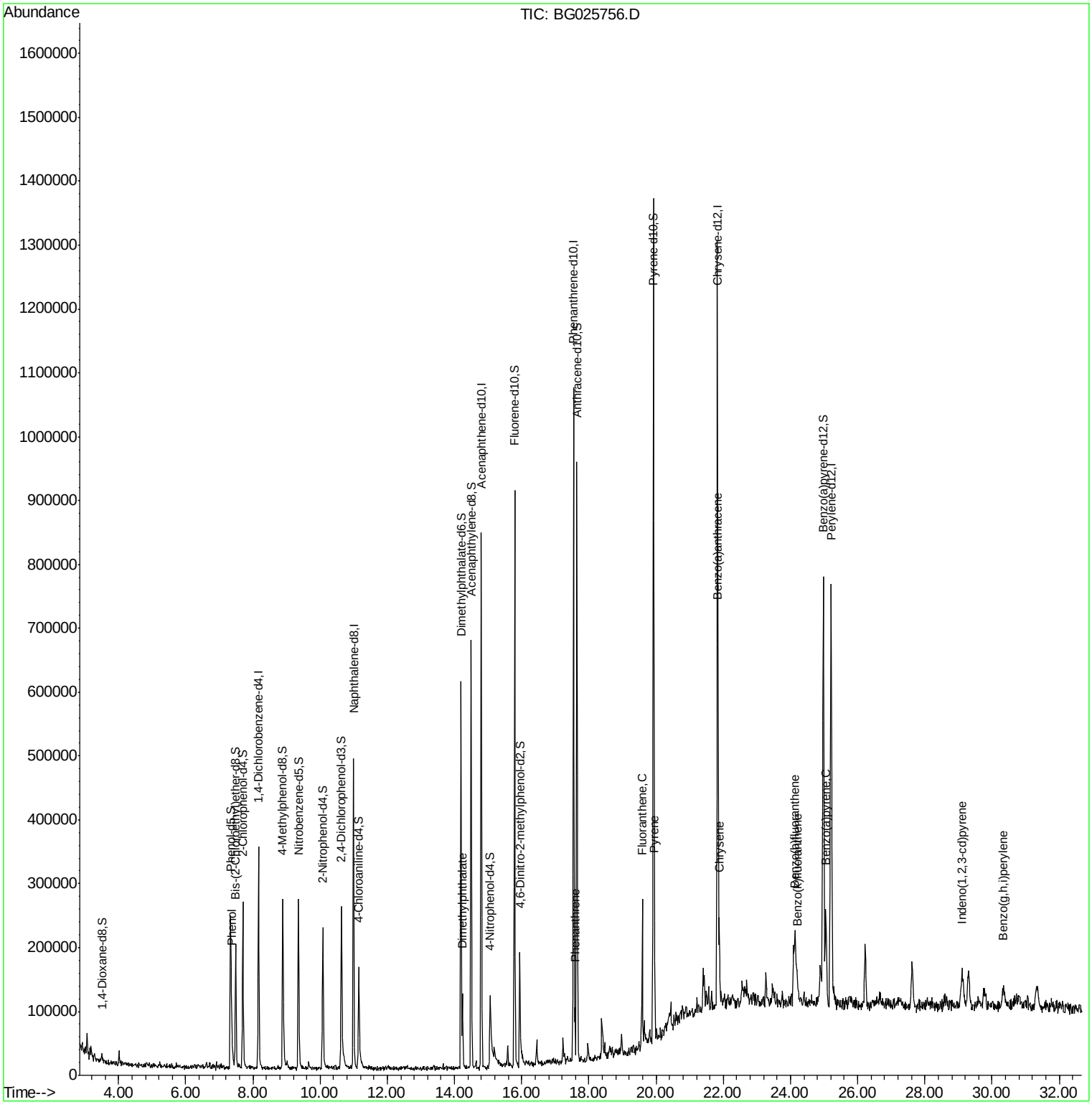
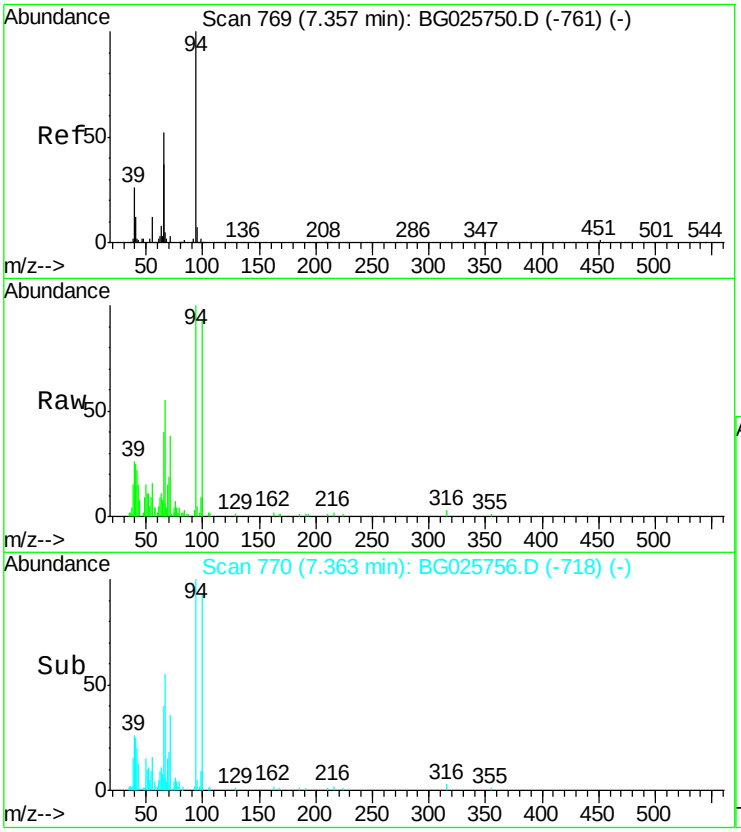
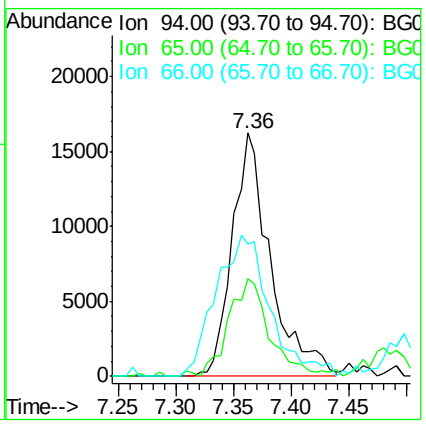




#6
Phenol
Concen: 4.59 ng/ul
RT: 7.36 min Scan# 770
Delta R.T. 0.01 min
Lab File: BG025756.D
Acq: 2 Feb 2017 13:18

Tgt Ion: 94 Resp: 37432

Ion	Ratio	Lower	Upper
94	100		
65	40.2	26.8	40.2#
66	54.6	44.4	66.6



Instrument :
BNA_G
ClientSampleId :
H0FH1

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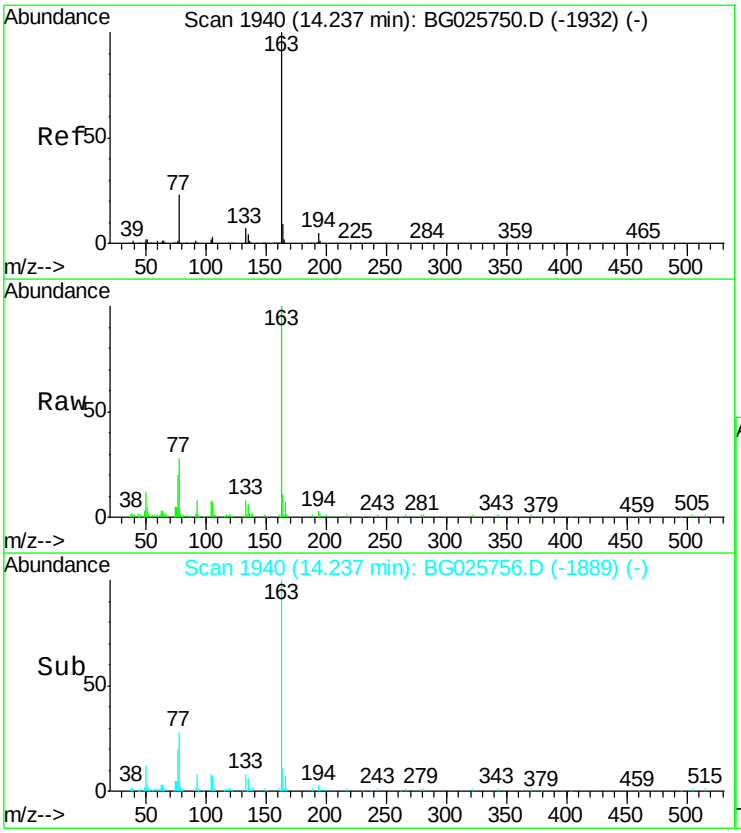
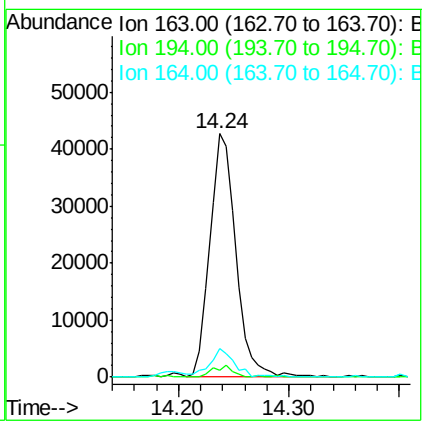
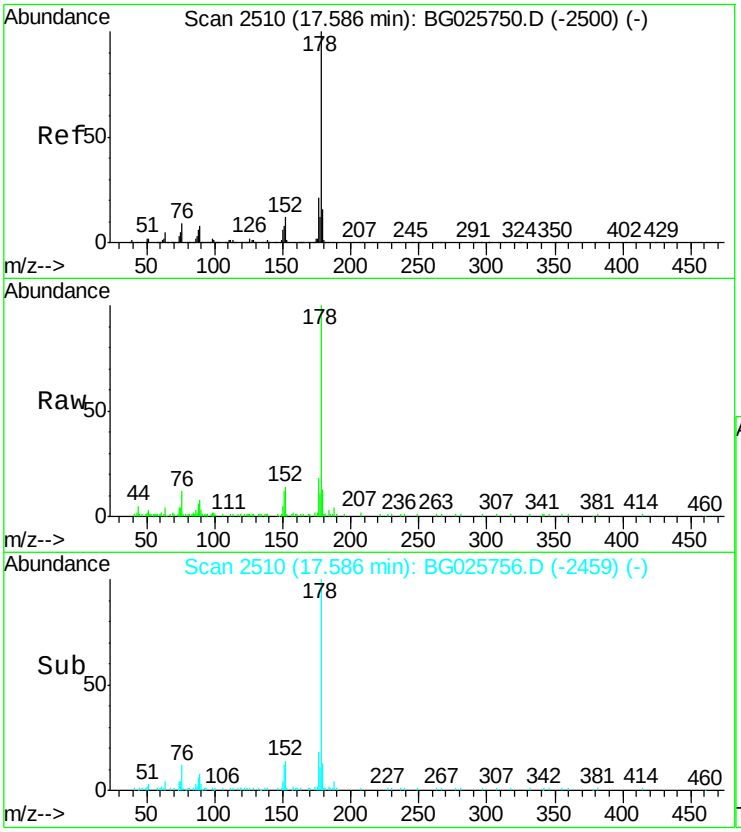


#44
Dimethylphthalate
Concen: 3.38 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG025756.D
Acq: 2 Feb 2017 13:18

Tgt Ion:163 Resp: 69440

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.4	5.0#
164	11.5	9.0	13.4

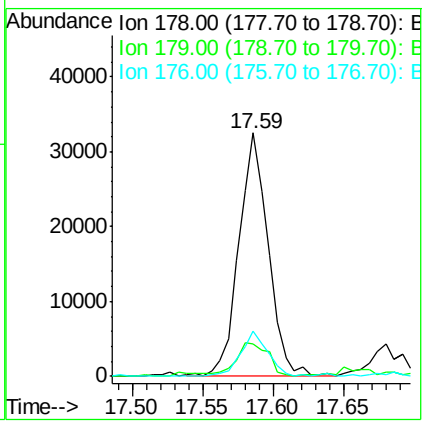




#69
Phenanthrene
Concen: 1.56 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BG025756.D
Acq: 2 Feb 2017 13:18

Tgt Ion:178 Resp: 47351

Ion	Ratio	Lower	Upper
178	100		
179	13.4	12.4	18.6
176	18.4	16.5	24.7



Instrument :
BNA_G
ClientSampleId :
H0FH1

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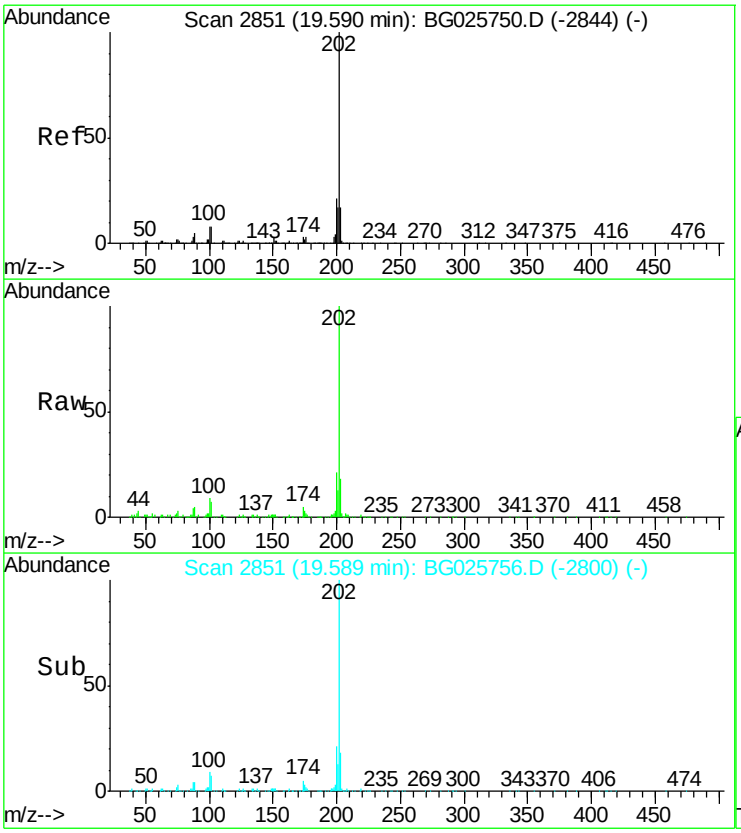
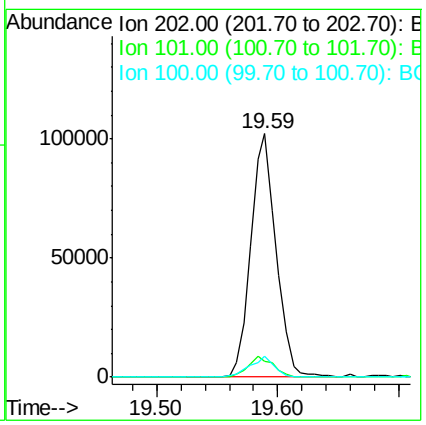
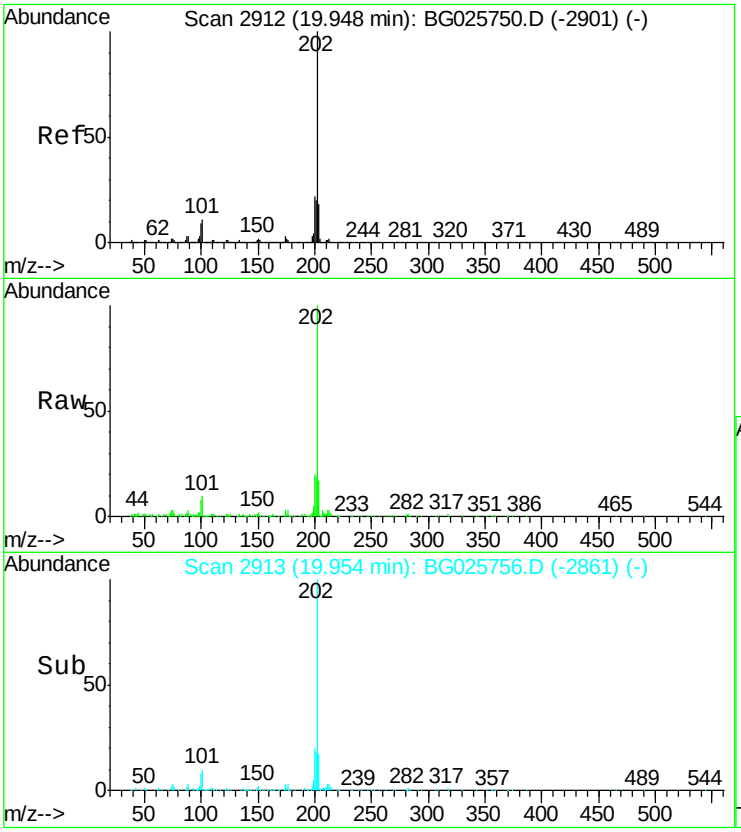


#74
Fluoranthene
Concen: 4.14 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BG025756.D
Acq: 2 Feb 2017 13:18

Tgt Ion:202 Resp: 148615

Ion	Ratio	Lower	Upper
202	100		
101	6.7	6.2	9.2
100	8.6	5.2	7.8#





#77
Pyrene
Concen: 3.59 ng/ul
RT: 19.95 min Scan# 2913
Delta R.T. 0.01 min
Lab File: BG025756.D
Acq: 2 Feb 2017 13:18

Tgt Ion:202 Resp: 131335

Ion	Ratio	Lower	Upper
202	100		
101	9.6	6.9	10.3
100	7.6	6.6	10.0

Instrument :
BNA_G
ClientSampleId :
H0FH1

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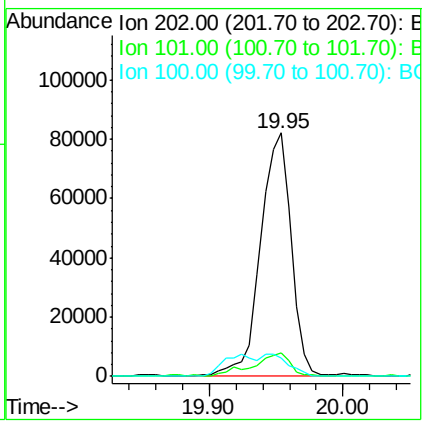
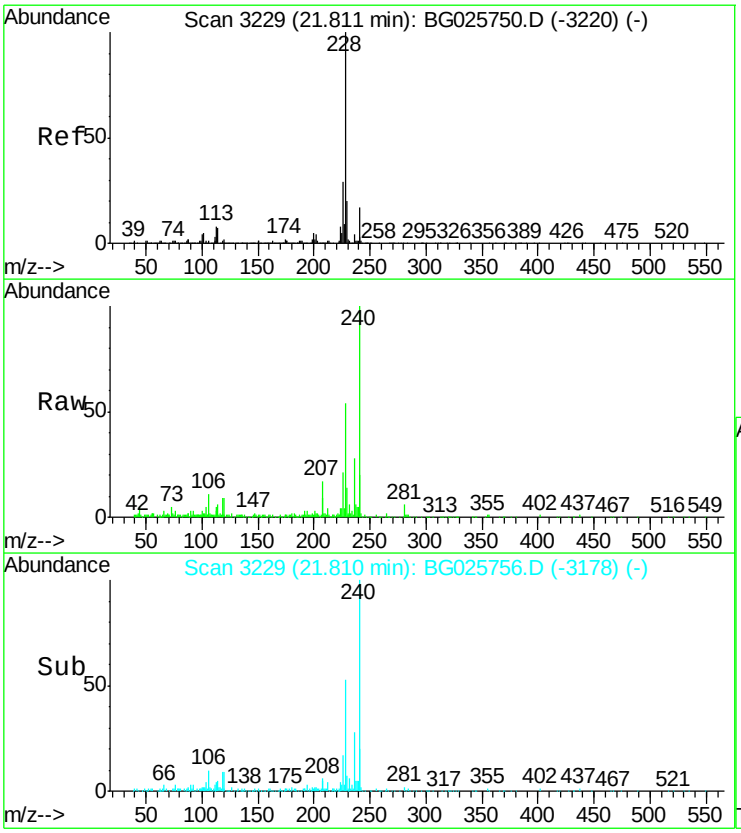
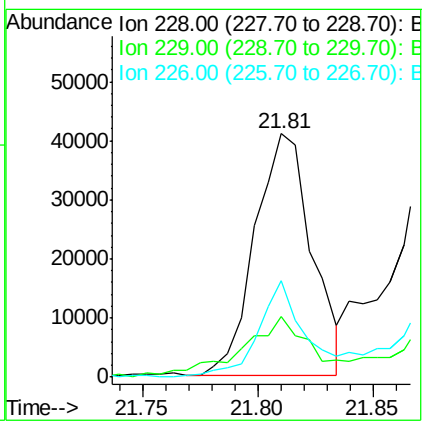


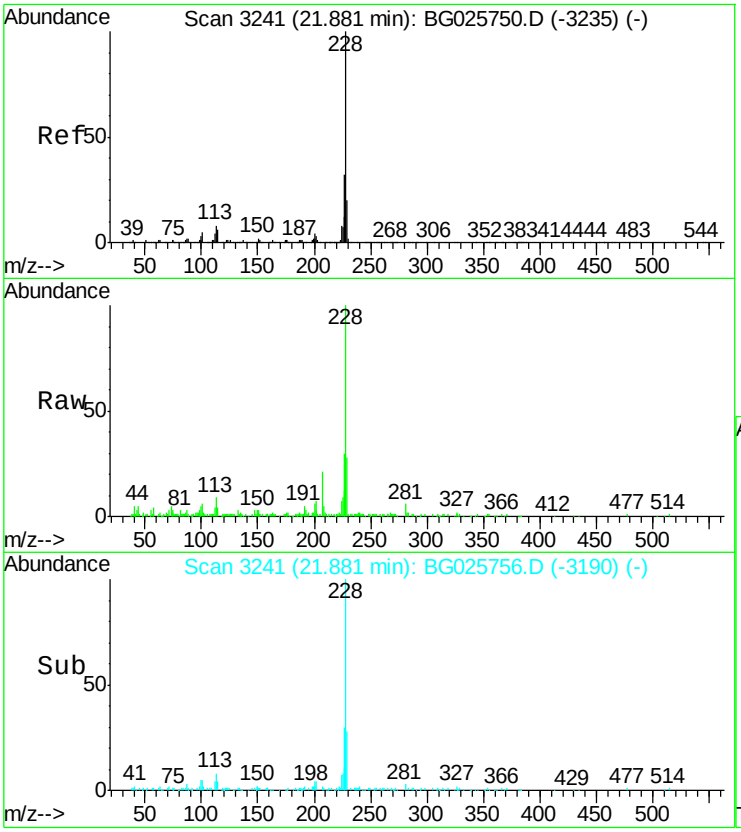


#80
Benzo(a)anthracene
Concen: 1.80 ng/ul
RT: 21.81 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BG025756.D
Acq: 2 Feb 2017 13:18

Tgt Ion:228 Resp: 70551

Ion	Ratio	Lower	Upper
228	100		
229	25.1	16.3	24.5#
226	39.4	21.9	32.9#





#82
Chrysene
Concen: 2.87 ng/ul m
RT: 21.88 min Scan# 3241
Delta R.T. -0.00 min
Lab File: BG025756.D
Acq: 2 Feb 2017 13:18

Tgt Ion:228 Resp: 106067

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	28.3	16.9	25.3#

Instrument :
BNA_G
ClientSampleId :
H0FH1

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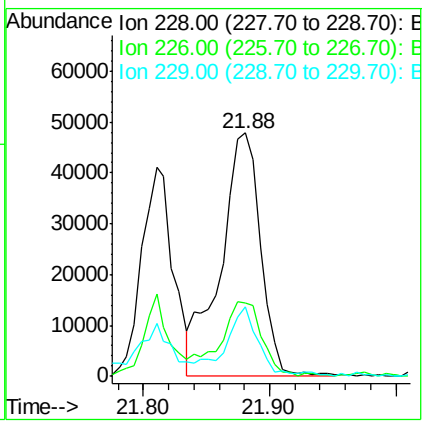
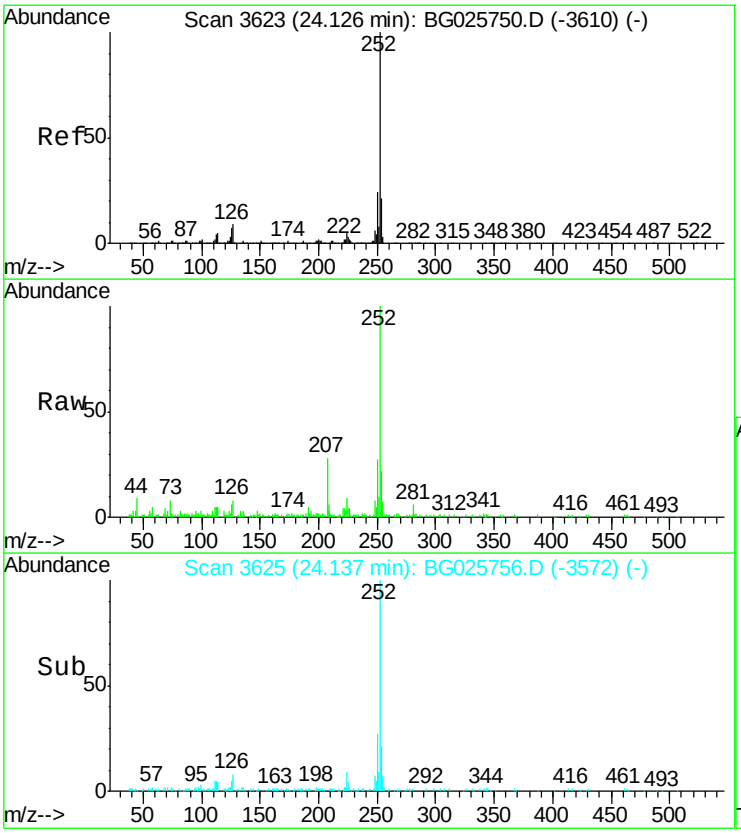
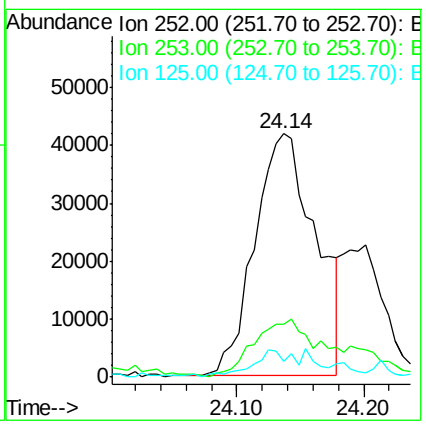


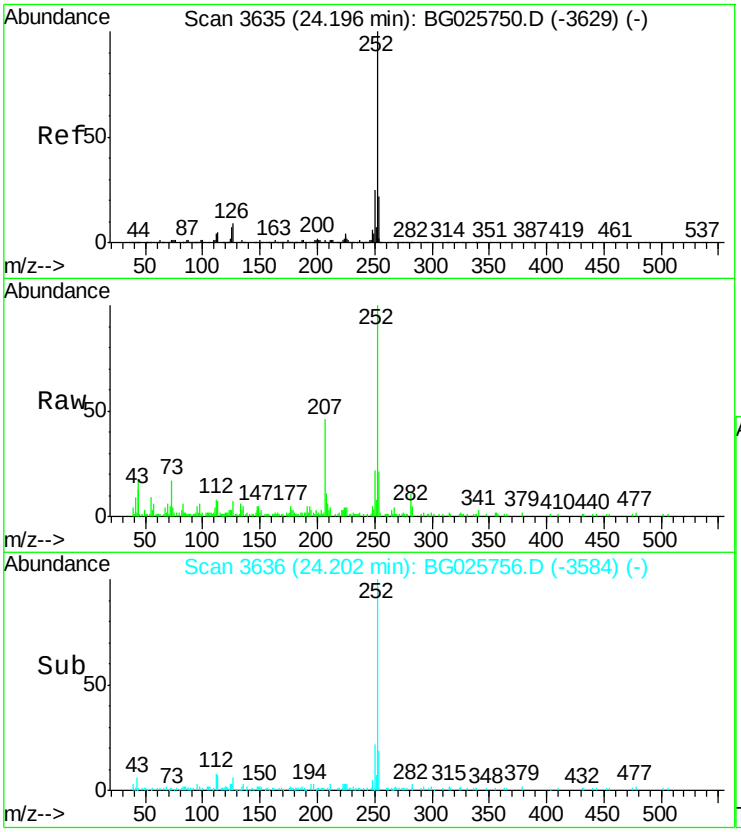


#85
Benzo(b)fluoranthene
Concen: 3.62 ng/ul
RT: 24.14 min Scan# 3625
Delta R.T. 0.01 min
Lab File: BG025756.D
Acq: 2 Feb 2017 13:18

Tgt Ion:252 Resp: 138588

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	6.5	4.0	6.0#





#86
Benzo(k)fluoranthene
Concen: 1.39 ng/ul m
RT: 24.20 min Scan# 3636
Delta R.T. 0.01 min
Lab File: BG025756.D
Acq: 2 Feb 2017 13:18

Tgt Ion:252 Resp: 50006

Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.5	27.7
125	3.1	4.1	6.1#

Instrument :
BNA_G
ClientSampleId :
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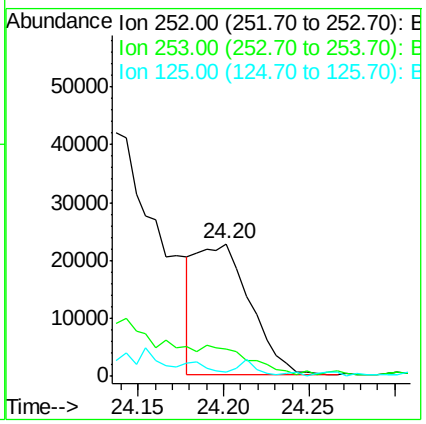
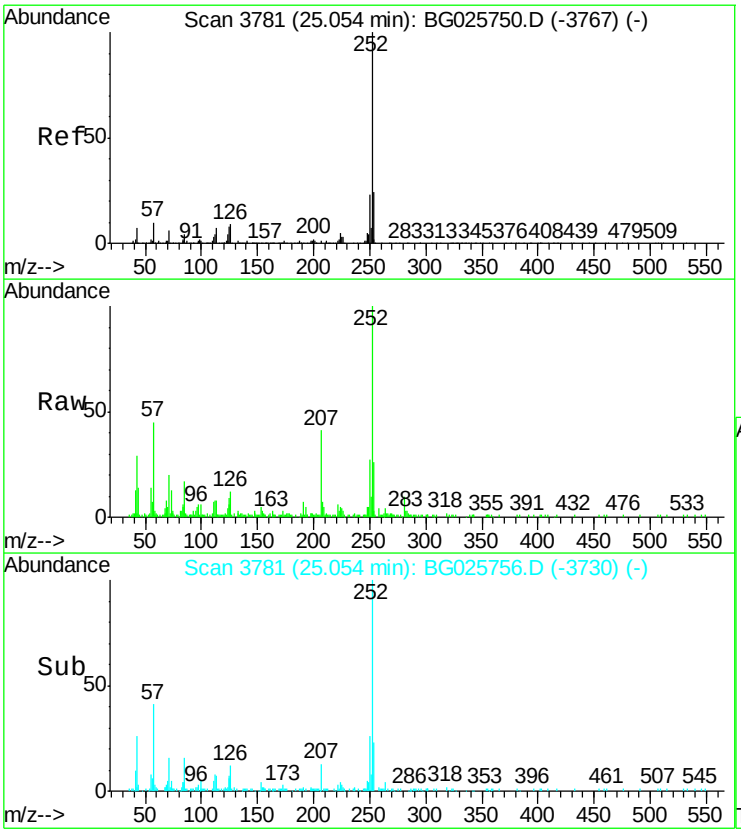
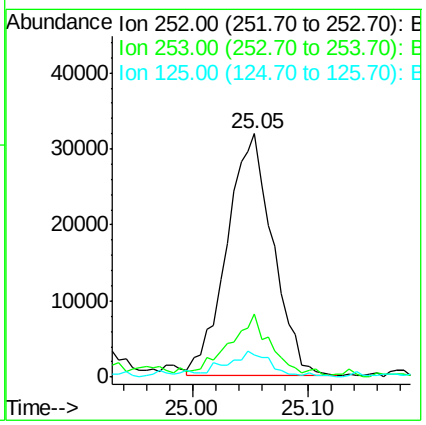


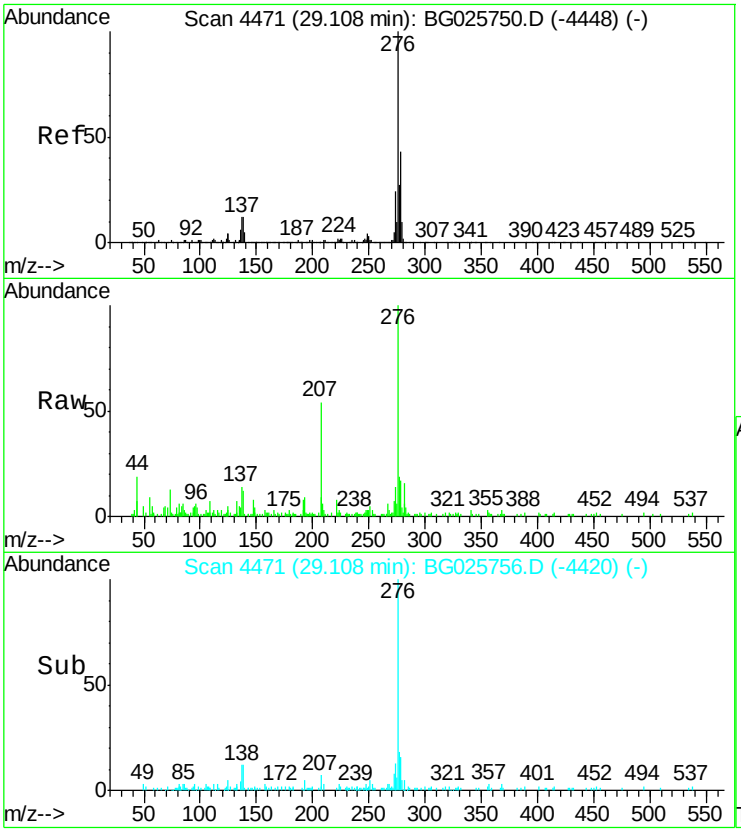


#88
Benzo(a)pyrene
Concen: 2.43 ng/ul
RT: 25.05 min Scan# 3781
Delta R.T. -0.00 min
Lab File: BG025756.D
Acq: 2 Feb 2017 13:18

Tgt Ion:252 Resp: 88089

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.6
125	9.4	5.4	8.0#

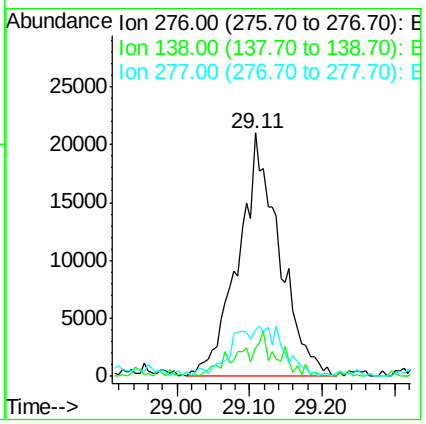




#89
Indeno(1,2,3-cd)pyrene
Concen: 1.80 ng/ul
RT: 29.11 min Scan# 4471
Delta R.T. -0.00 min
Lab File: BG025756.D
Acq: 2 Feb 2017 13:18

Tgt Ion:276 Resp: 82607

Ion	Ratio	Lower	Upper
276	100		
138	11.9	8.2	12.4
277	18.9	18.6	28.0



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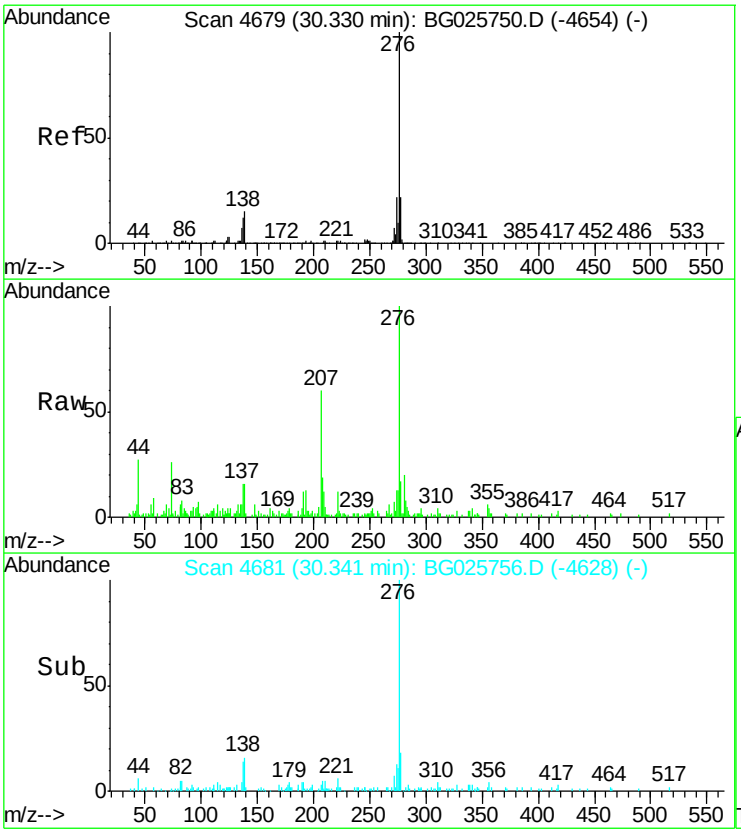

#91
Benzo(g,h,i)perylene
Concen: 2.06 ng/ul m
RT: 30.34 min Scan# 4681
Delta R.T. 0.01 min
Lab File: BG025756.D
Acq: 2 Feb 2017 13:18

Tgt Ion:276 Resp: 77582

Ion	Ratio	Lower	Upper
276	100		
138	16.2	8.6	12.8#
277	17.5	17.6	26.4#