Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024058.D
Acq On : 21 Sep 2016 17:04
Operator : UM/SJ
Sample : H4820-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB4-02

Quant Time: Sep 21 18:05:25 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 19:01:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	70367	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	303397	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	222630	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	411526	20.00	ng		0.00
75) Chrysene-d12	21.80	240	440501	20.00	ng		0.00
86) Perylene-d12	25.16	264	434039	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	473307	118.09	ng		0.00
7) Phenol-d6	7.22	99	746457	120.99	ng		0.00
23) Nitrobenzene-d5	9.23	82	589511	86.74	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	311243	77.60	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1077126	69.37	ng		0.00
78) Terphenyl-d14	20.10	244	1345426	69.56	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.17	163	315918	16.55	ng		99
70) Phenanthrene	17.53	178	284524	13.29	ng		97
71) Anthracene	17.62	178	58707	2.69	ng		96
74) Fluoranthene	19.55	202	441697	17.14	ng		94
77) Pyrene	19.92	202	446530	16.48	ng	#	91
80) Benzo(a)anthracene	21.78	228	258141	10.47	ng		98
82) Chrysene	21.85	228	256816	10.94	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	30848	2.16	ng		99
85) Indeno(1,2,3-cd)pyrene	28.99	276	121872	4.69	ng	#	100
87) Benzo(b)fluoranthene	24.09	252	294275	11.94	ng	#	97
88) Benzo(k)fluoranthene	24.14	252	115340m	4.72	ng		
89) Benzo(a)pyrene	24.99	252	233873	9.99	ng	#	97
91) Benzo(g,h,i)perylene	30.18	276	91602	4.14	ng	#	91

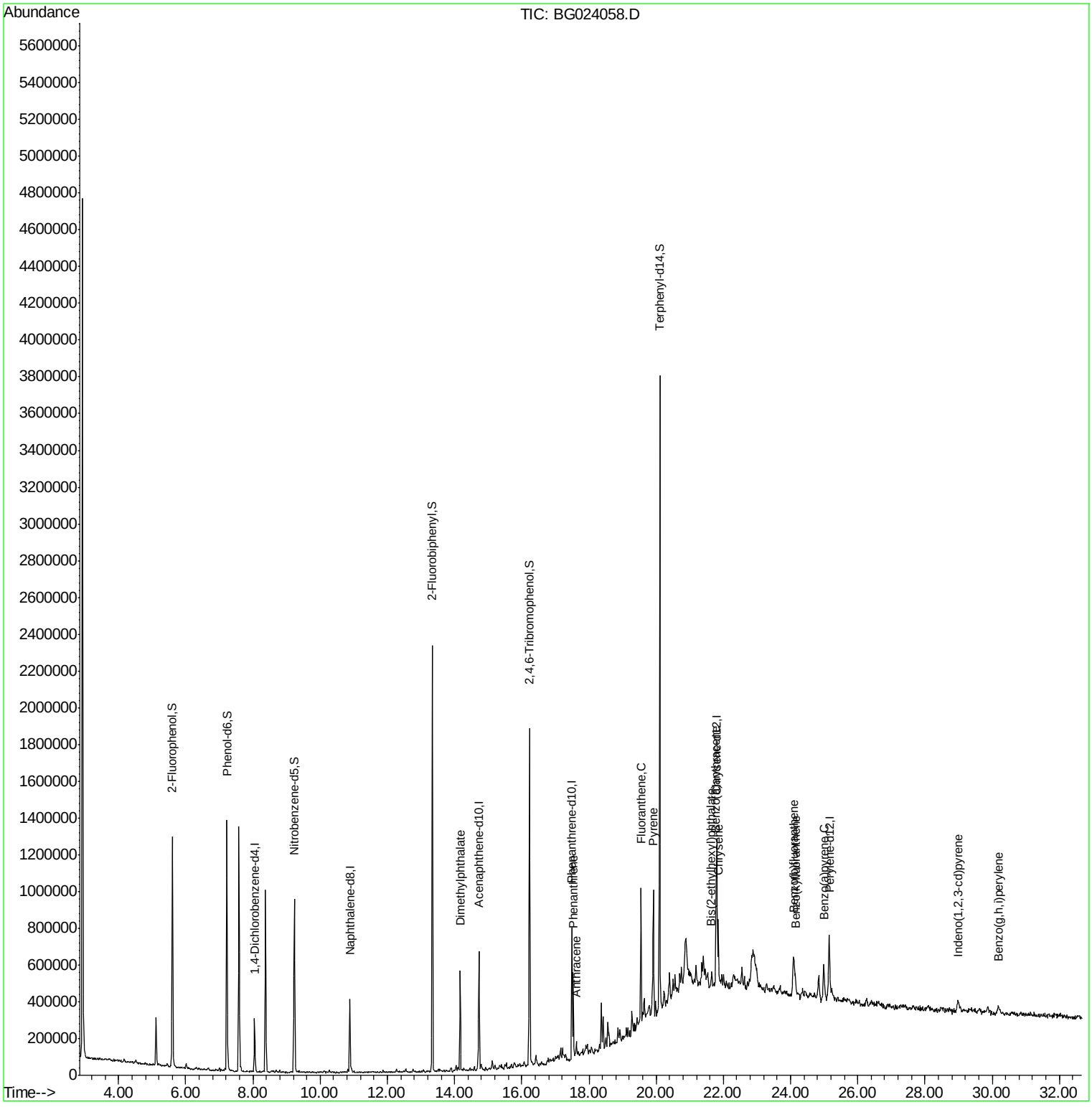
(#) = qualifier out of range (m) = manual integration (+) = signals summed

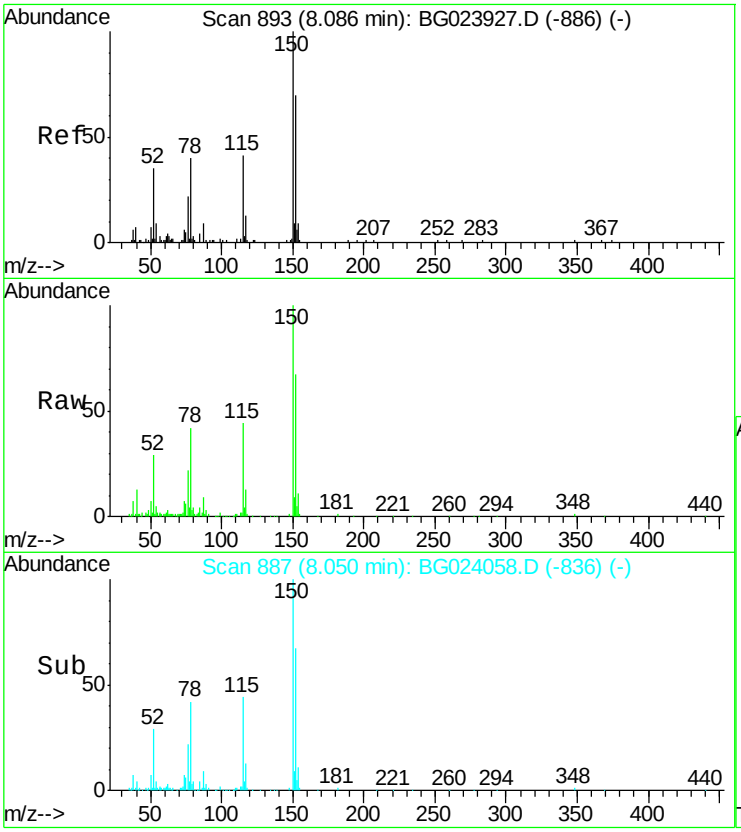
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024058.D
Acq On : 21 Sep 2016 17:04
Operator : UM/SJ
Sample : H4820-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

Quant Time: Sep 21 18:05:25 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 19:01:00 2016
Response via : Initial Calibration



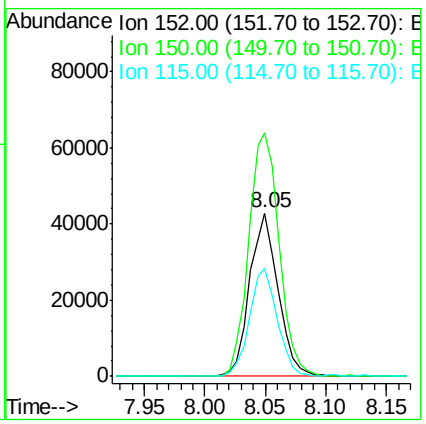


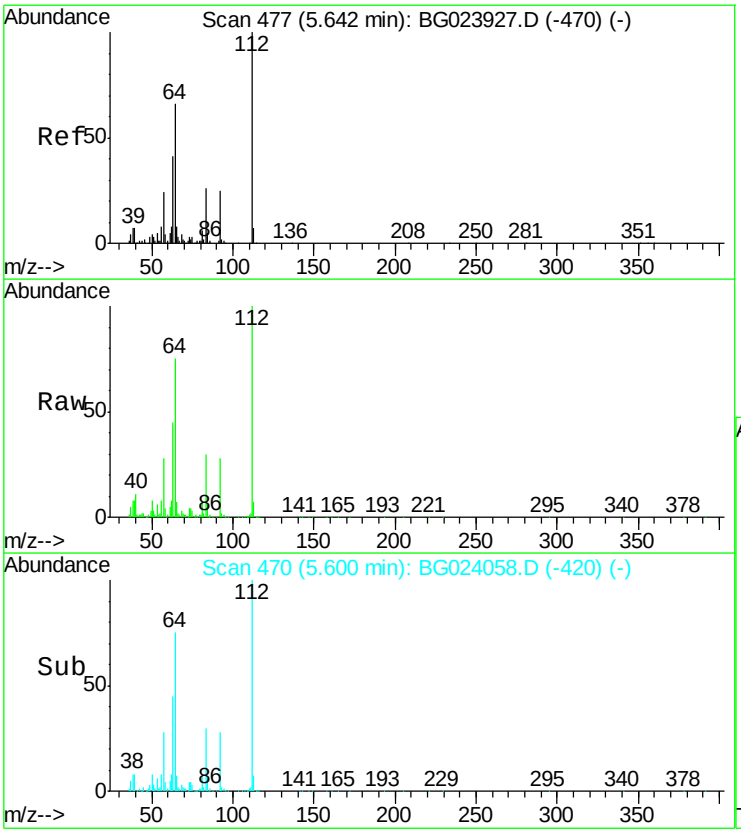
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. 0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

Tgt Ion:152 Resp: 70367

Ion	Ratio	Lower	Upper
152	100		
150	149.1	144.7	217.1
115	65.7	64.0	96.0

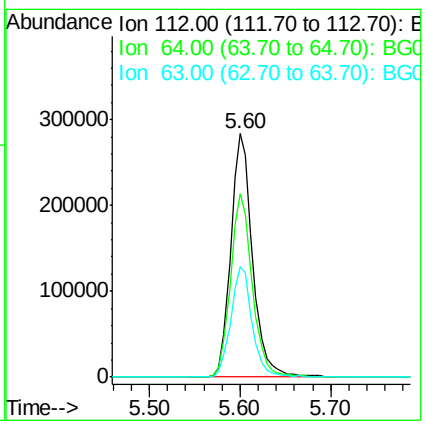


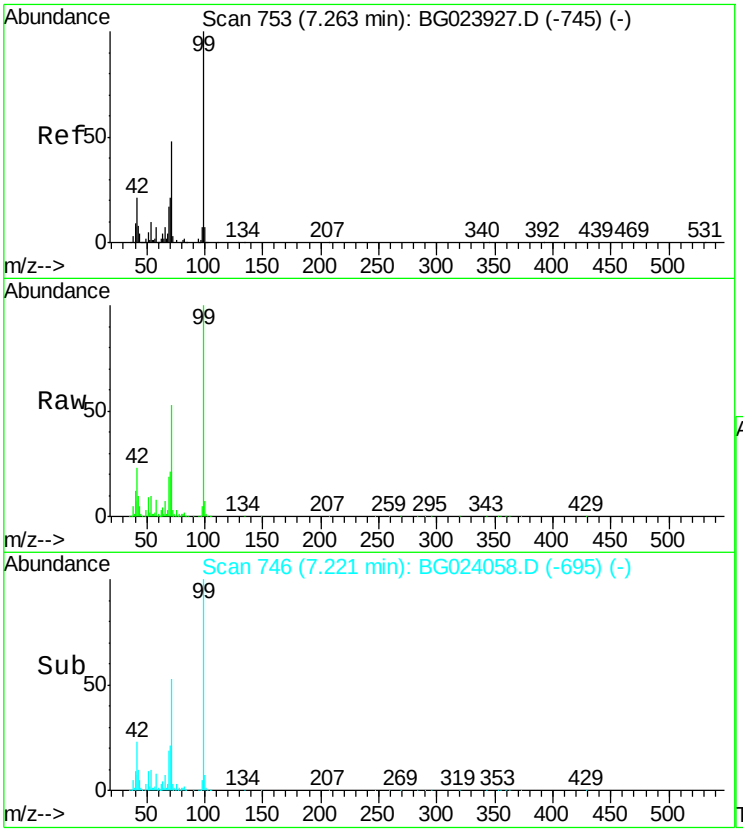


#5
2-Fluorophenol
Concen: 118.09 ng
RT: 5.60 min Scan# 470
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Tgt Ion:112 Resp: 473307

Ion	Ratio	Lower	Upper
112	100		
64	75.1	59.0	88.4
63	45.2	37.8	56.8



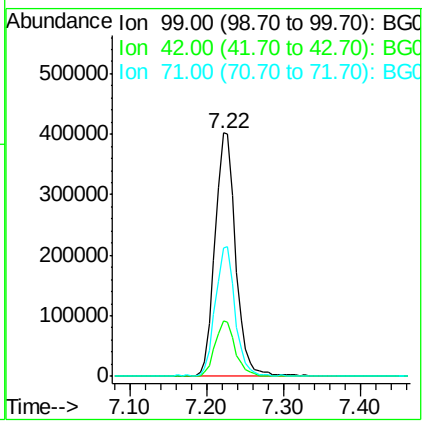


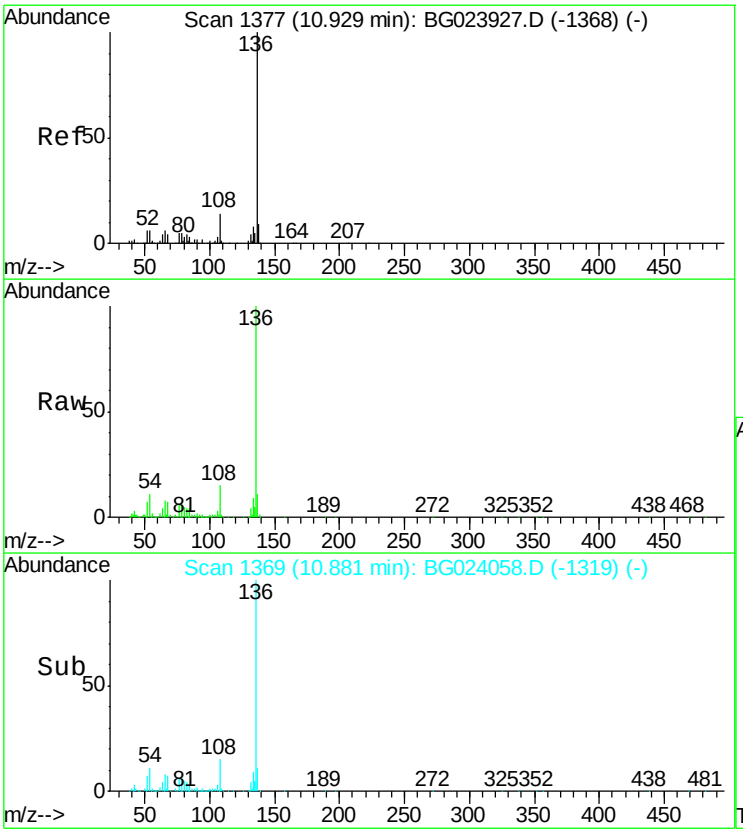
#7
Phenol-d6
Concen: 120.99 ng
RT: 7.22 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

Tgt Ion: 99 Resp: 746457

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.8	26.6
71	52.9	41.5	62.3

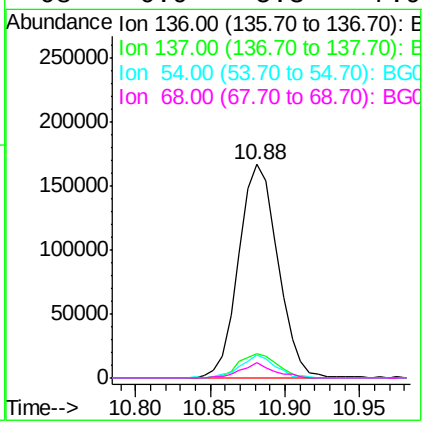


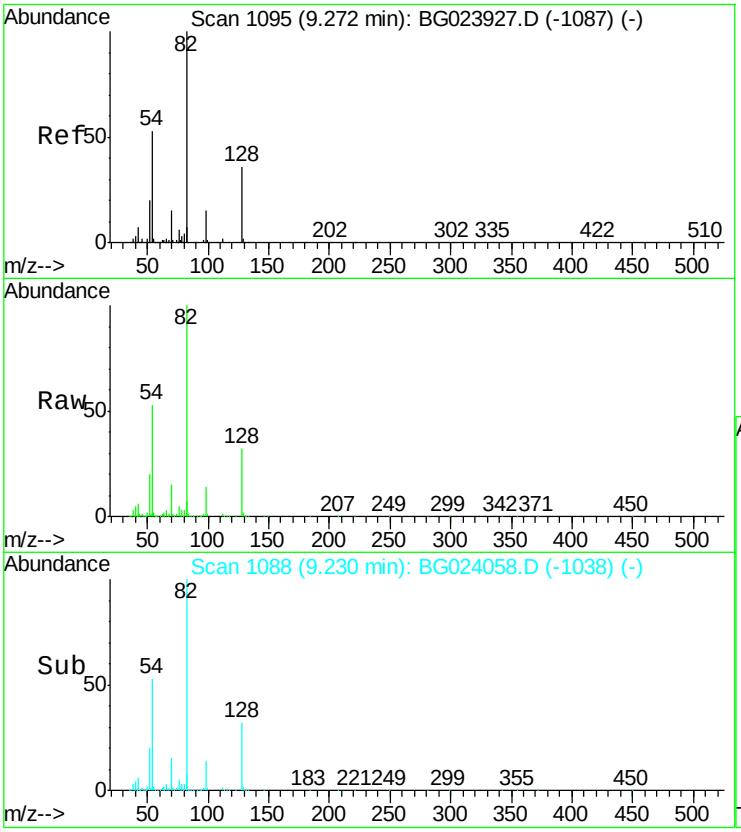


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Tgt Ion:136 Resp: 303397

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.9	7.3	10.9
68	6.9	5.3	7.9



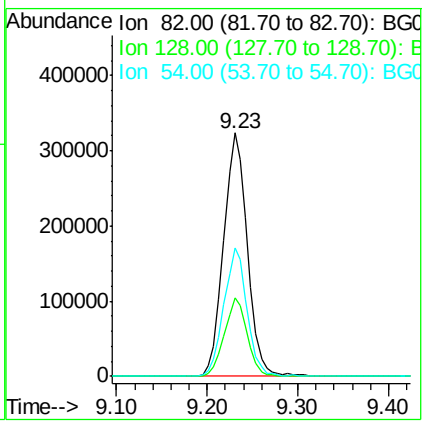


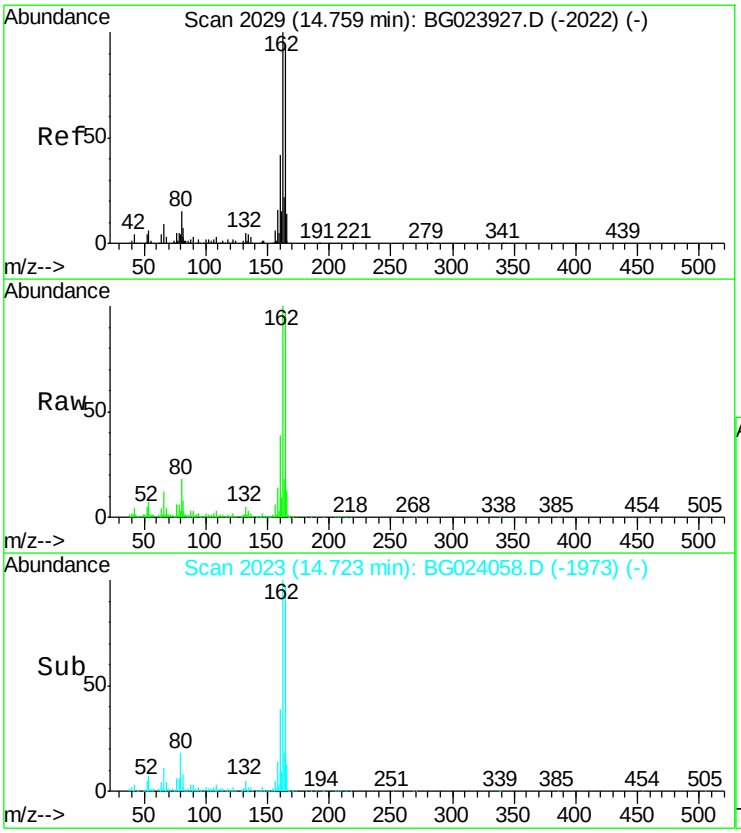
#23
Nitrobenzene-d5
Concen: 86.74 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

Tgt Ion: 82 Resp: 589511

Ion	Ratio	Lower	Upper
82	100		
128	32.2	24.4	36.6
54	52.8	41.4	62.0

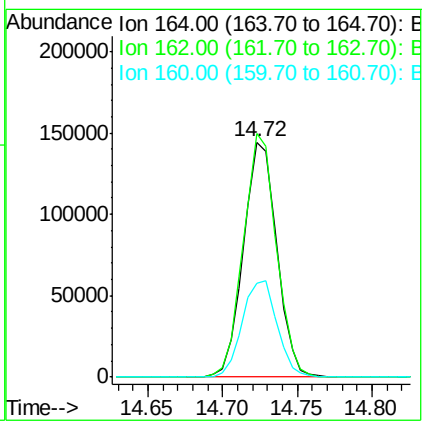


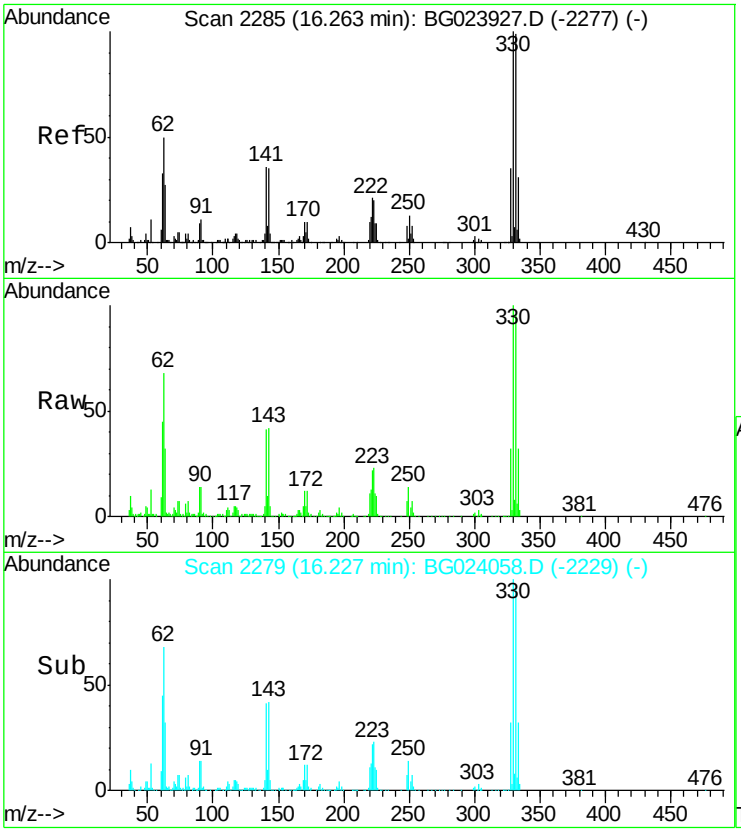


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Tgt Ion:164 Resp: 222630

Ion	Ratio	Lower	Upper
164	100		
162	103.5	87.7	131.5
160	39.9	37.2	55.8



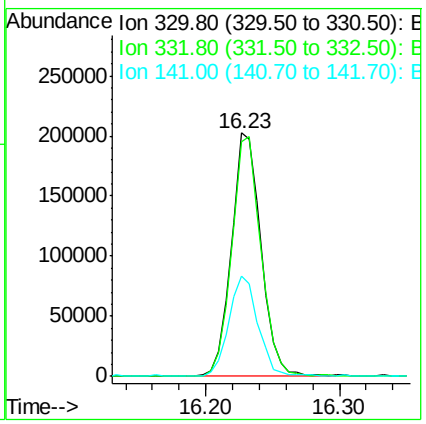


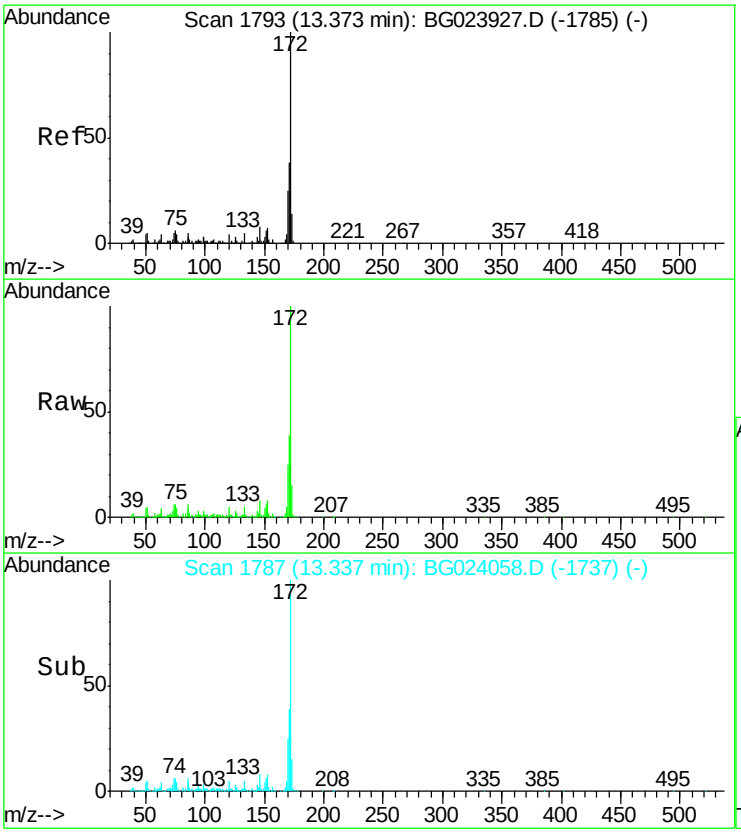
#41
2,4,6-Tribromophenol
Concen: 77.60 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

Tgt Ion:330 Resp: 311243

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	40.9	31.7	47.5

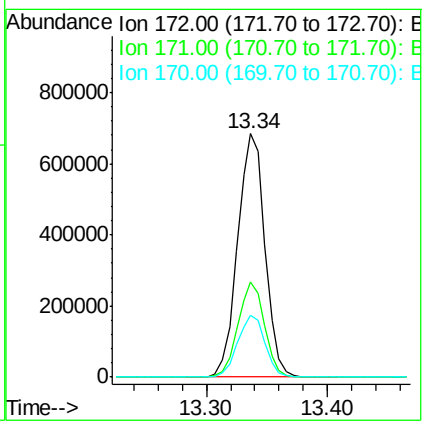


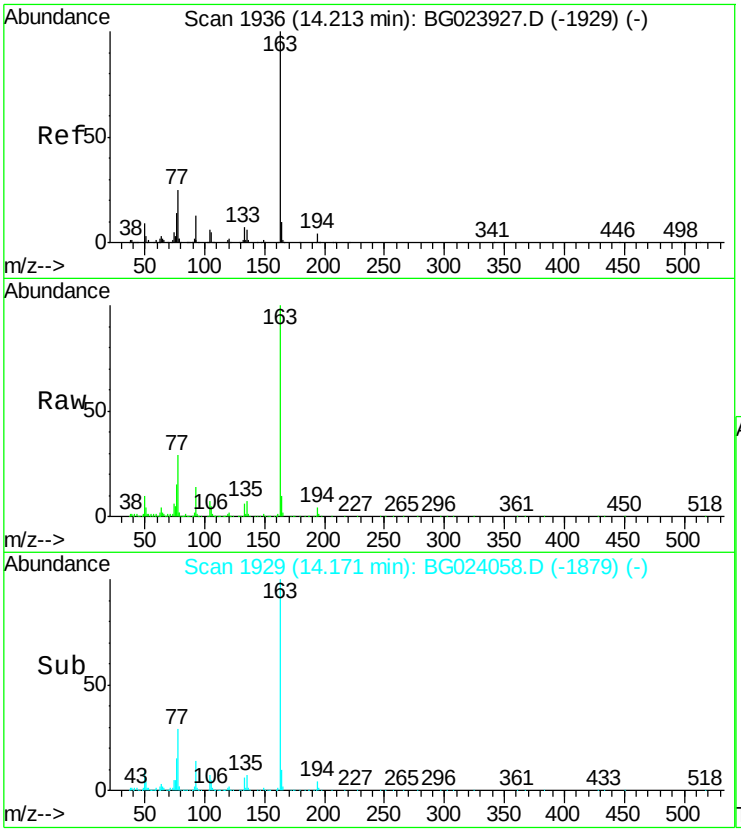


#44
2-Fluorobiphenyl
Concen: 69.37 ng
RT: 13.34 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Tgt Ion:172 Resp: 1077126

Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.6	47.4
170	25.2	21.3	31.9



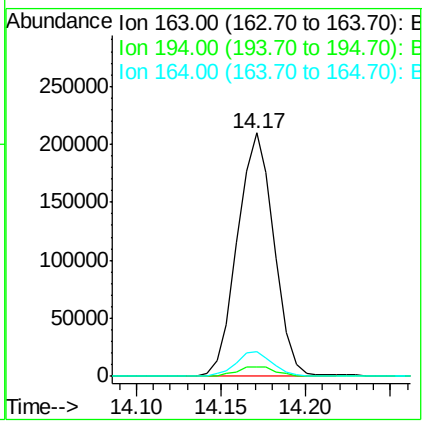


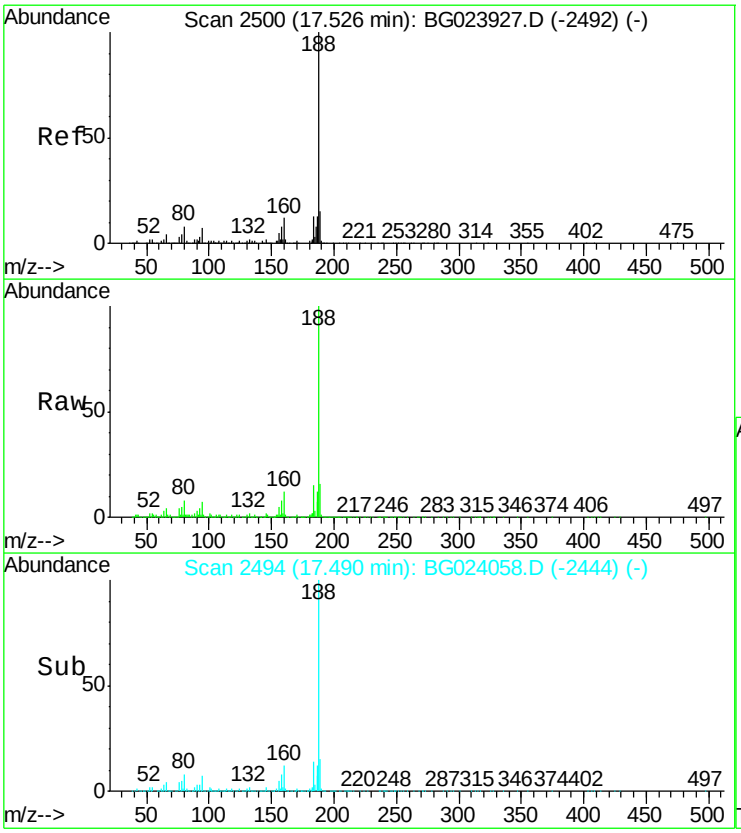
#49
Dimethylphthalate
Concen: 16.55 ng
RT: 14.17 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

Tgt Ion:163 Resp: 315918

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.0	8.1	12.1

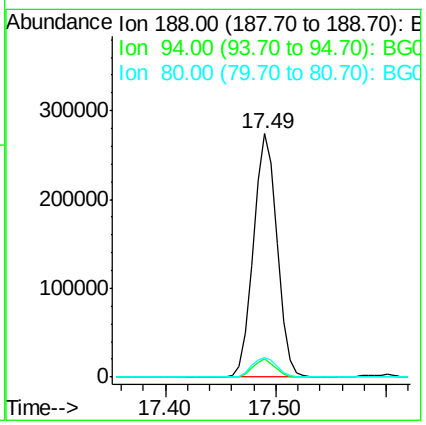


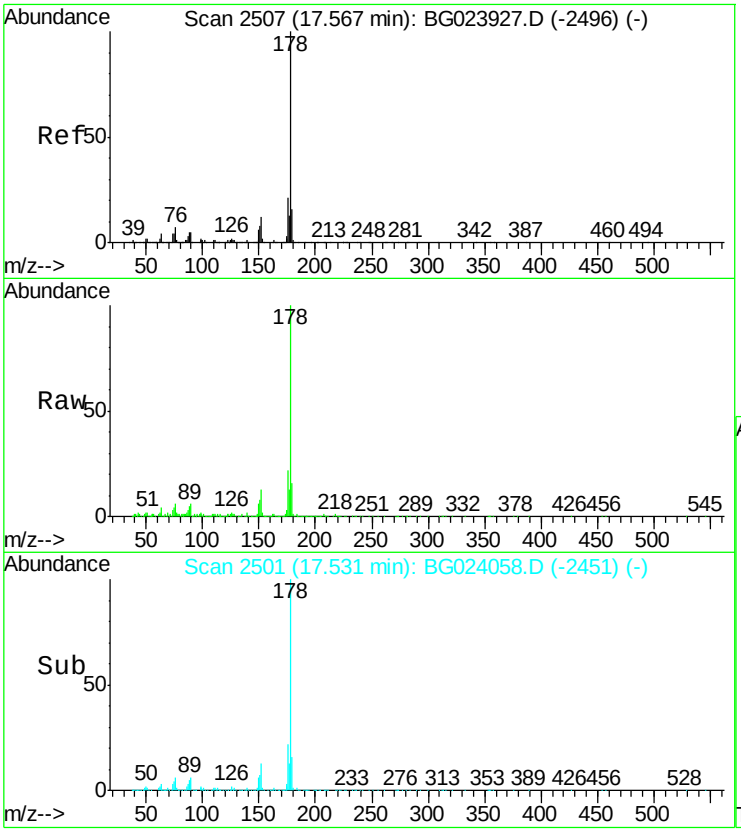


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Tgt Ion:188 Resp: 411526

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.2	7.8
80	8.2	7.2	10.8



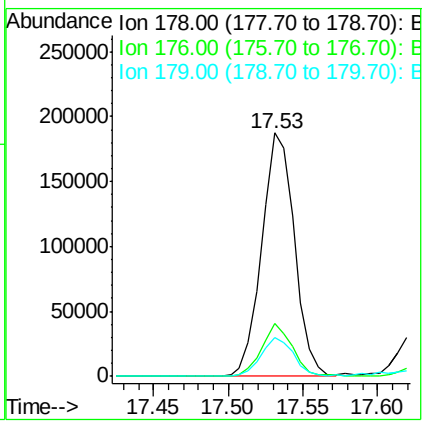


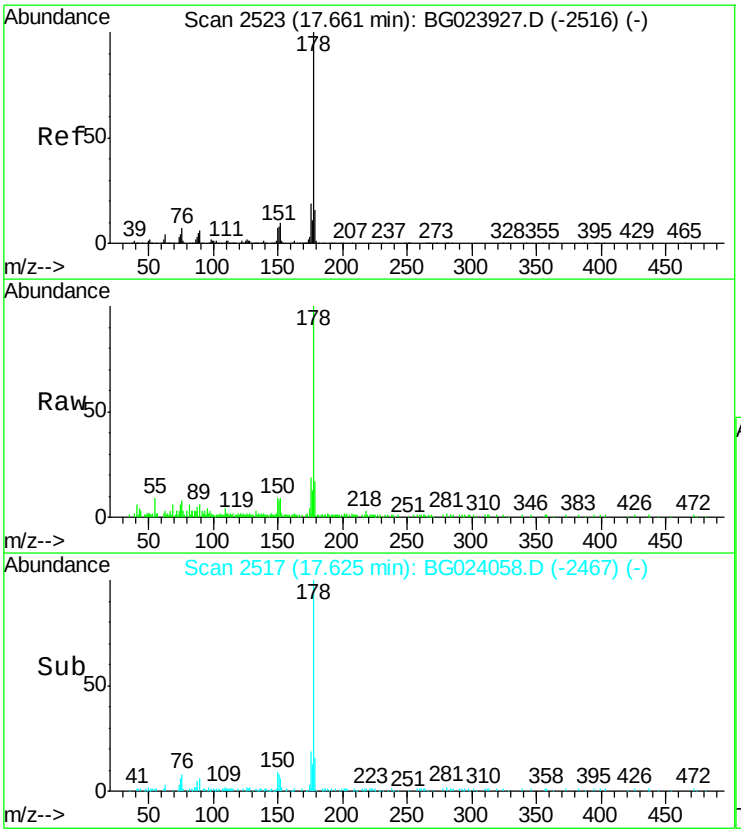
#70
Phenanthrene
Concen: 13.29 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

Tgt Ion:178 Resp: 284524

Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.8	25.2
179	15.9	14.3	21.5

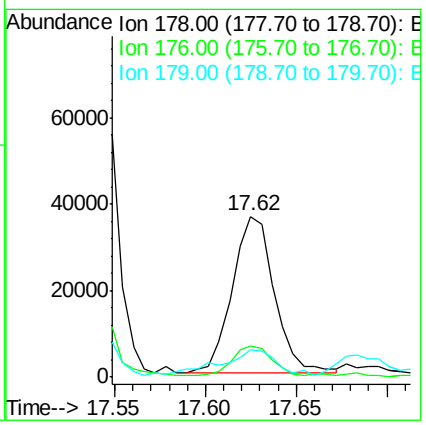


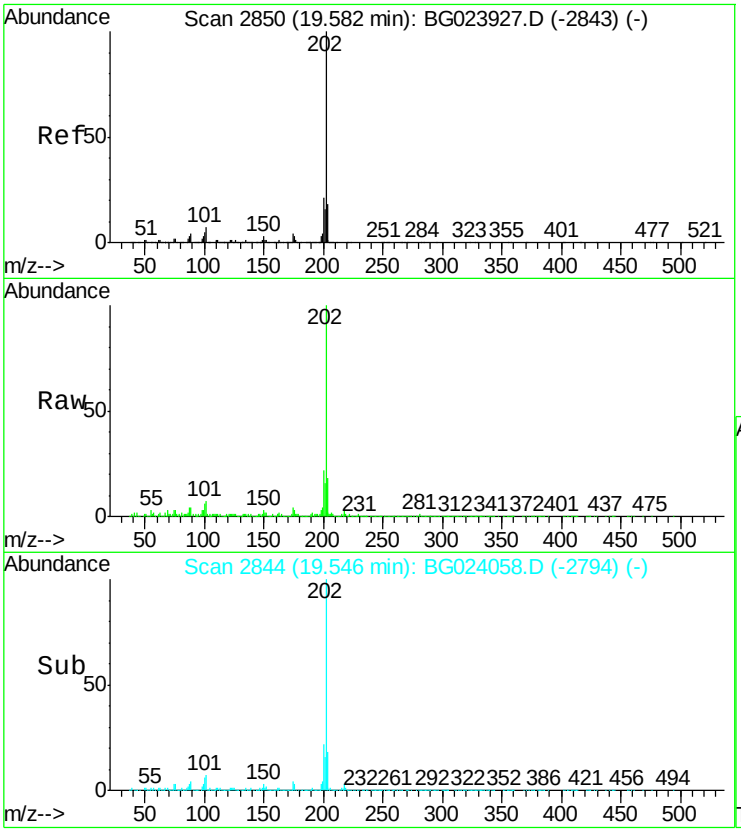


#71
Anthracene
Concen: 2.69 ng
RT: 17.62 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Tgt Ion:178 Resp: 58707

Ion	Ratio	Lower	Upper
178	100		
176	19.0	17.3	25.9
179	16.9	14.0	21.0



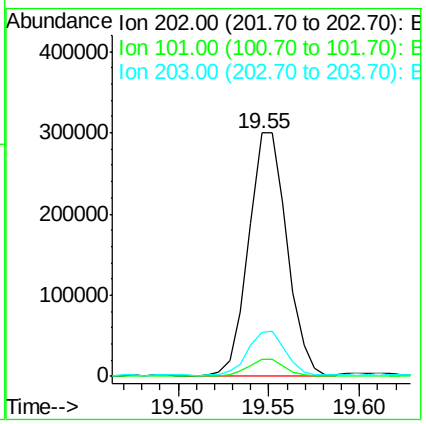


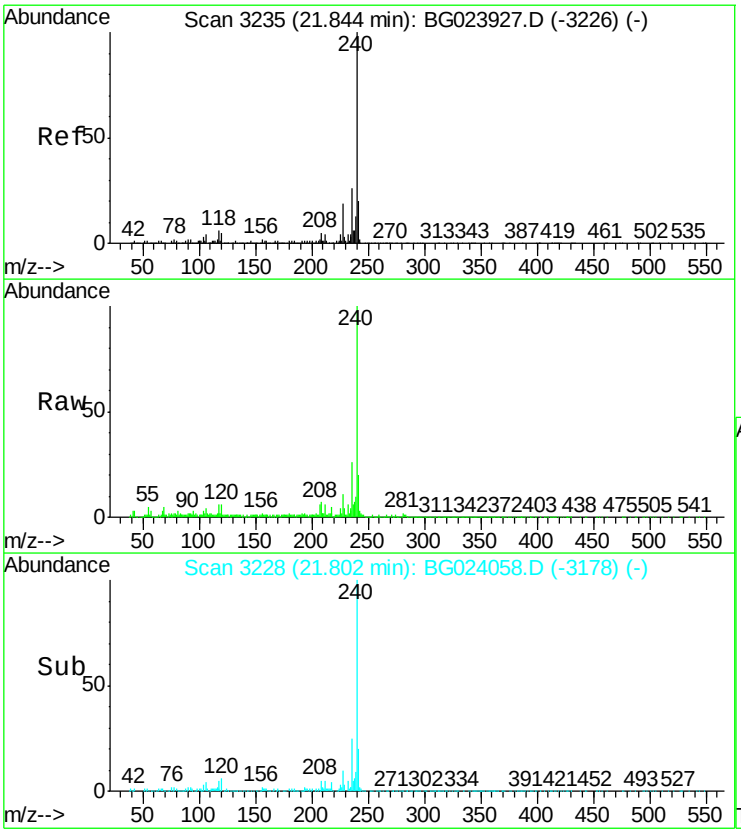
#74
Fluoranthene
Concen: 17.14 ng
RT: 19.55 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

Tgt Ion:202 Resp: 441697

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	27.4
203	18.2	1.7	41.7

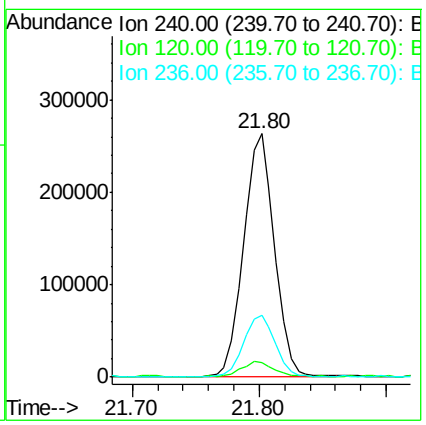


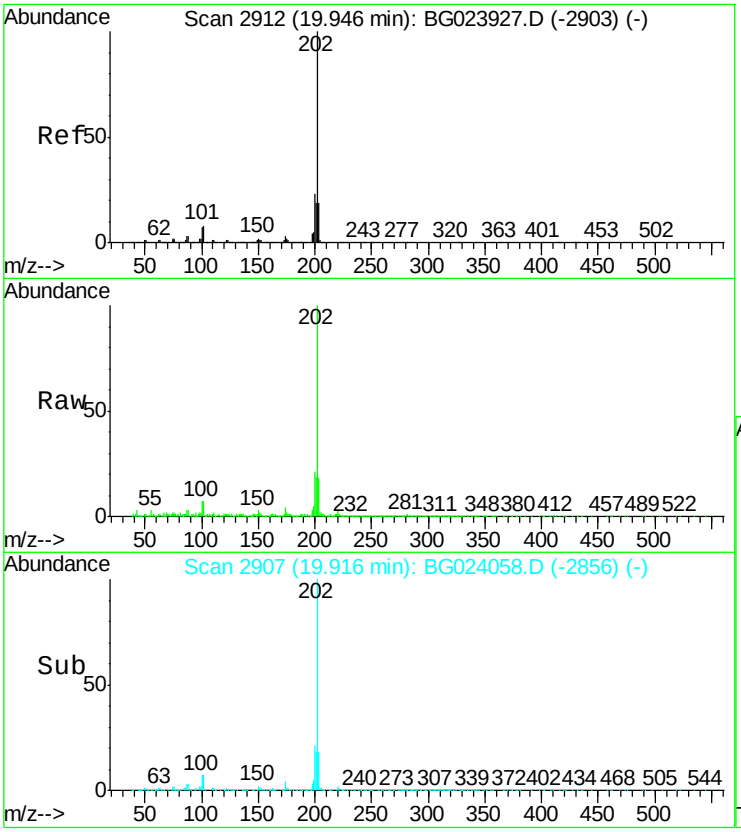


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Tgt Ion:240 Resp: 440501

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.1	6.1
236	25.5	21.1	31.7



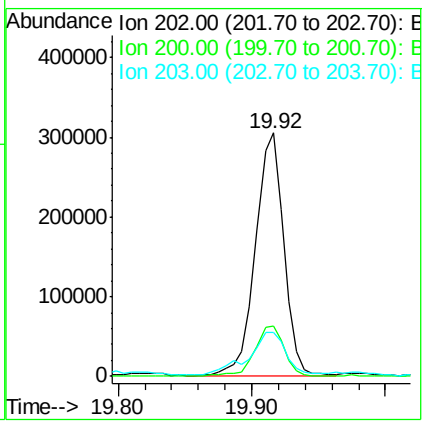


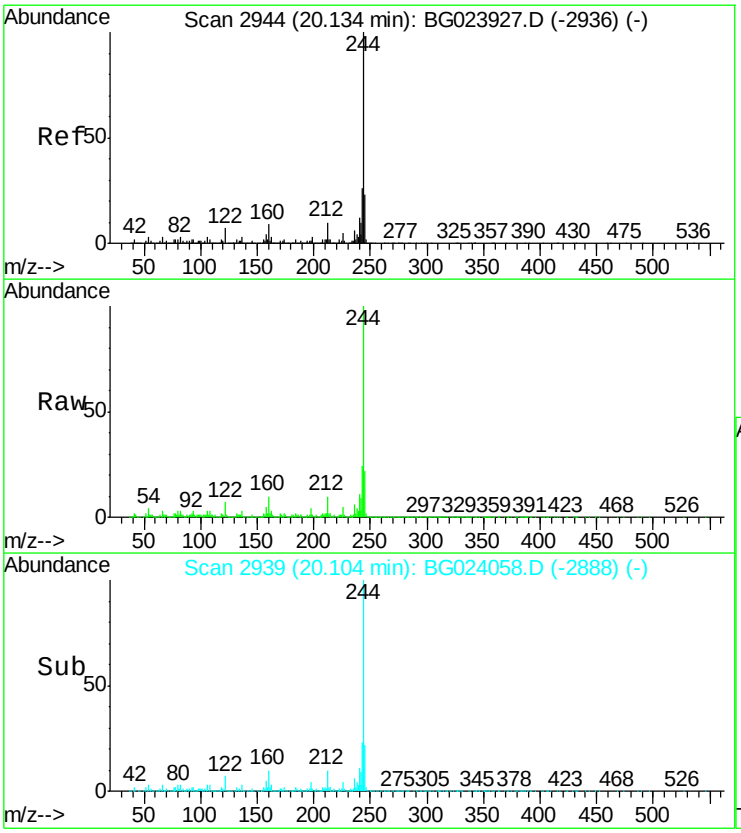
#77
Pyrene
Concen: 16.48 ng
RT: 19.92 min Scan# 2907
Delta R.T. 0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

Tgt Ion:202 Resp: 446530

Ion	Ratio	Lower	Upper
202	100		
200	20.5	21.2	31.8#
203	18.3	16.8	25.2

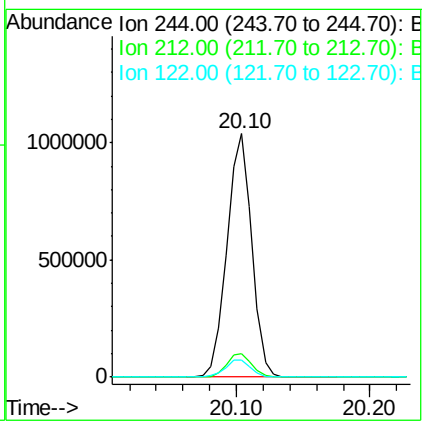


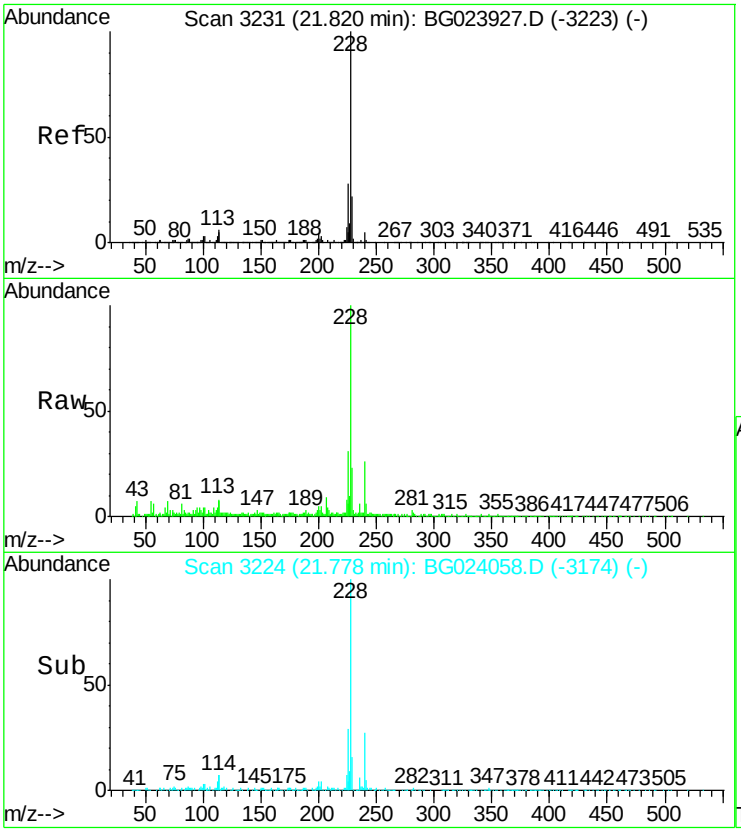


#78
Terphenyl-d14
Concen: 69.56 ng
RT: 20.10 min Scan# 2939
Delta R.T. 0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Tgt Ion:244 Resp: 1345426

Ion	Ratio	Lower	Upper
244	100		
212	9.7	10.8	16.2#
122	7.0	8.0	12.0#



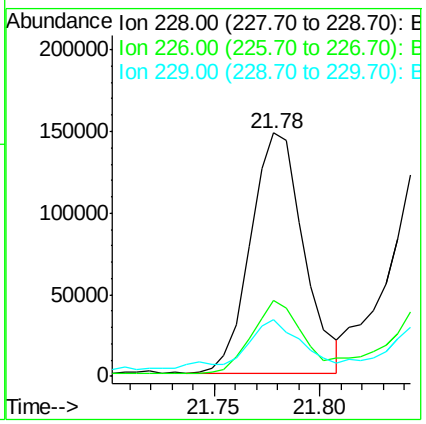


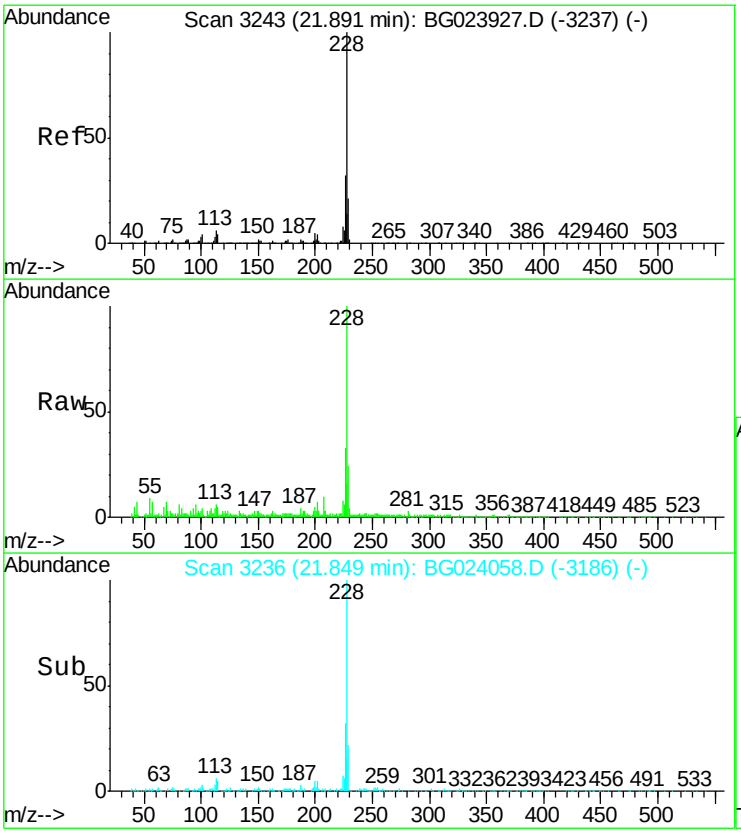
#80
Benzo(a)anthracene
Concen: 10.47 ng
RT: 21.78 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

Tgt Ion:228 Resp: 258141

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.3	37.9
229	23.2	19.9	29.9

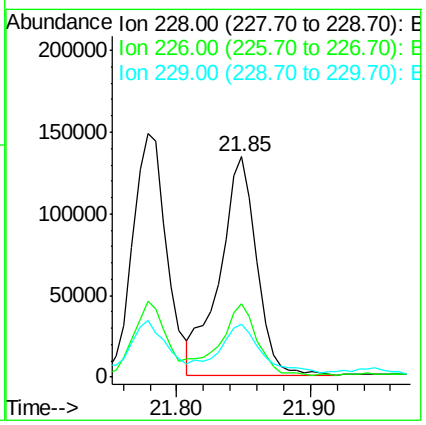


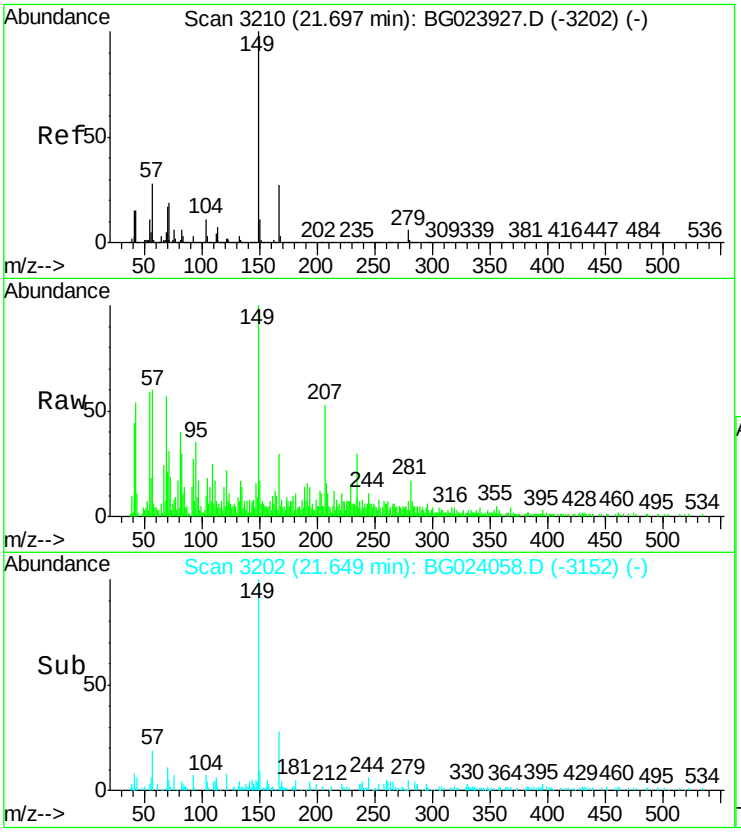


#82
Chrysene
Concen: 10.94 ng
RT: 21.85 min Scan# 3236
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Tgt Ion:228 Resp: 256816

Ion	Ratio	Lower	Upper
228	100		
226	33.2	26.7	40.1
229	24.0	17.4	26.2



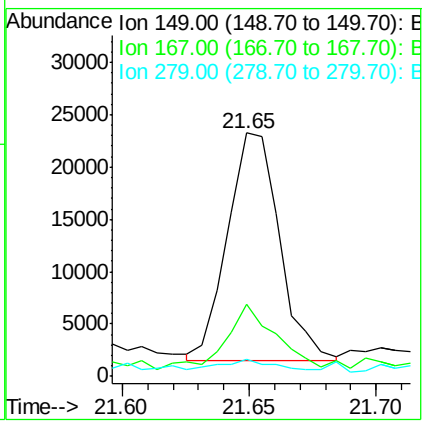


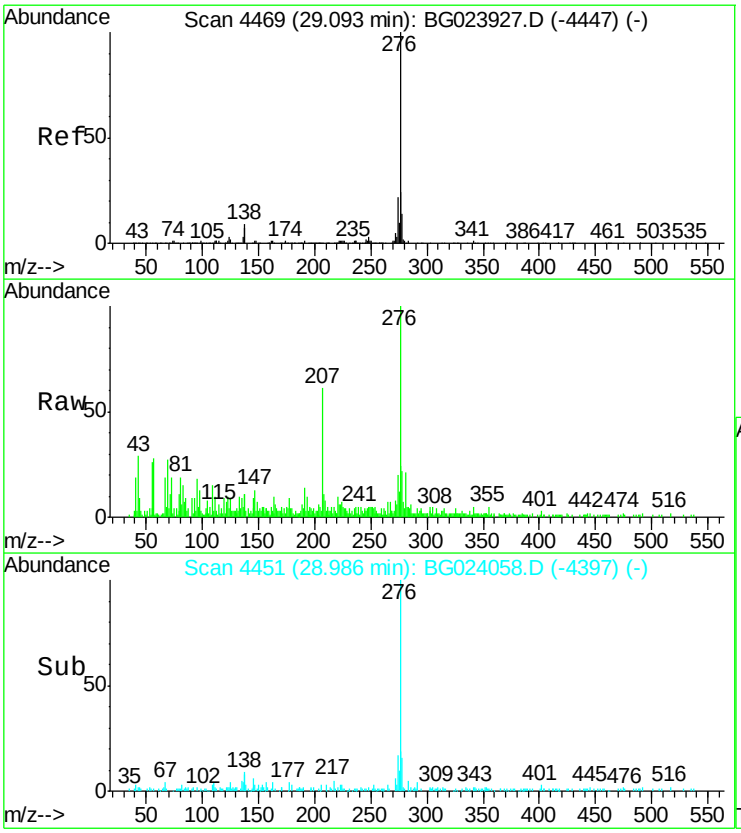
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.16 ng
RT: 21.65 min Scan# 3202
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

Tgt Ion:149 Resp: 30848

Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.0	36.0
279	7.1	4.8	7.2

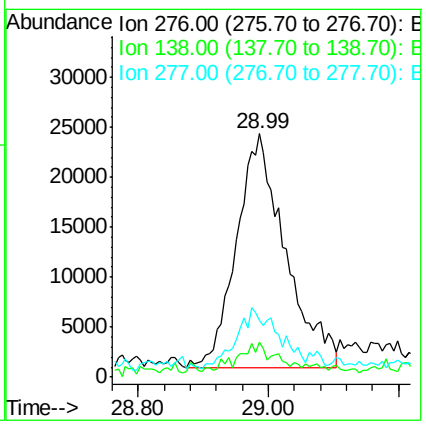


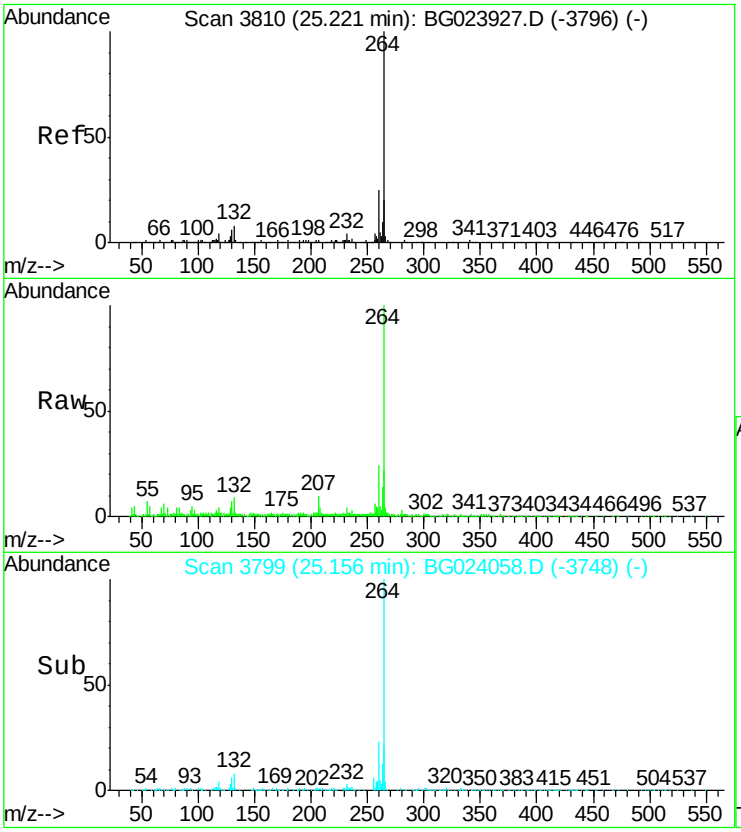


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.69 ng
RT: 28.99 min Scan# 4451
Delta R.T. 0.02 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Tgt Ion:276 Resp: 121872

Ion	Ratio	Lower	Upper
276	100		
138	4.3	0.0	0.0#
277	13.6	0.0	0.0#



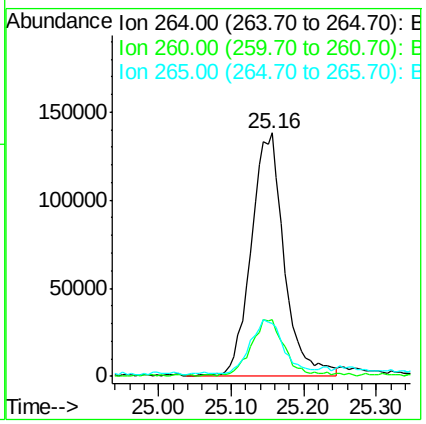


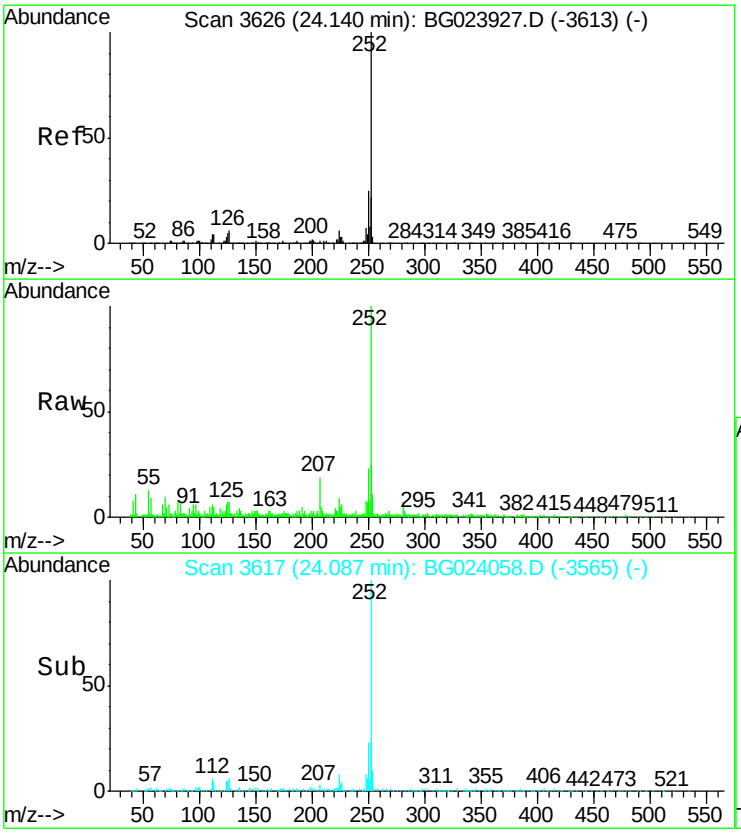
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. 0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

Tgt Ion:264 Resp: 434039

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.8	18.9	28.3

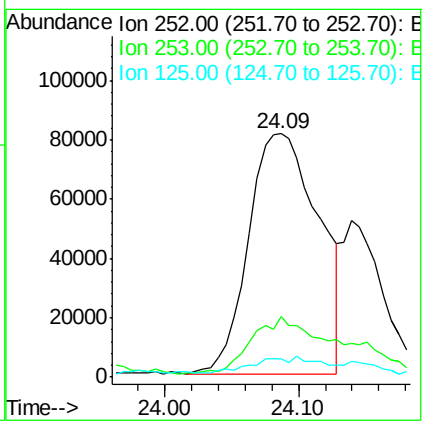


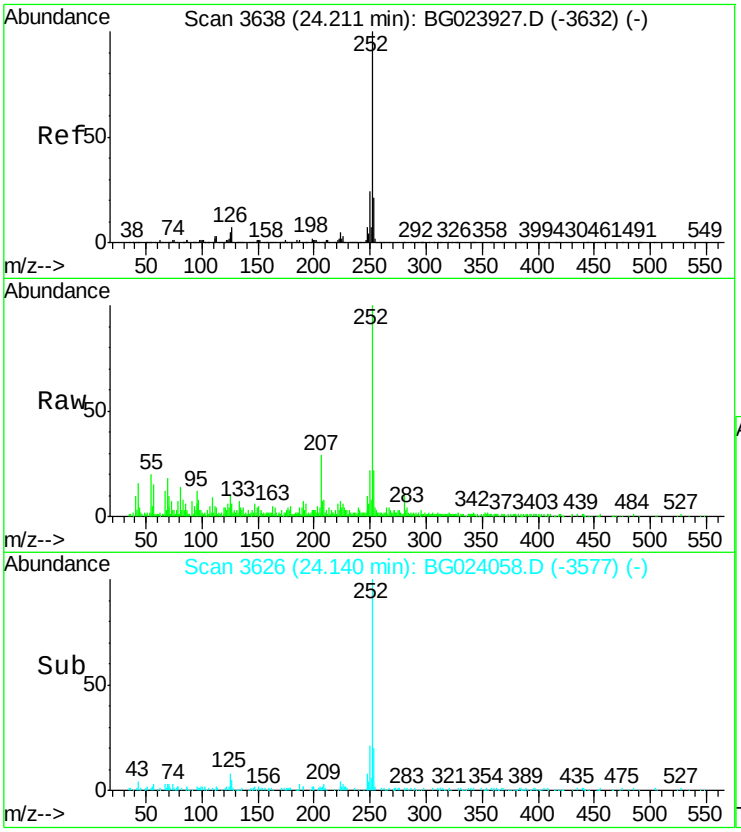


#87
Benzo(b)fluoranthene
Concen: 11.94 ng
RT: 24.09 min Scan# 3617
Delta R.T. 0.01 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Tgt Ion:252 Resp: 294275

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.9	28.3
125	7.4	3.9	5.9#



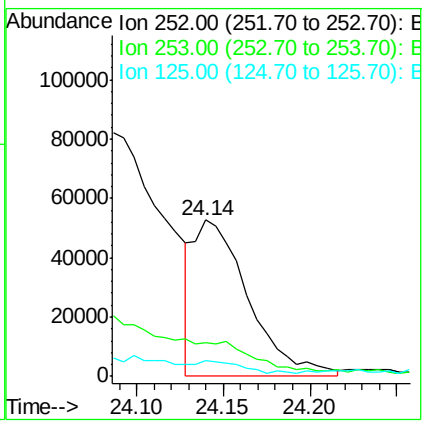


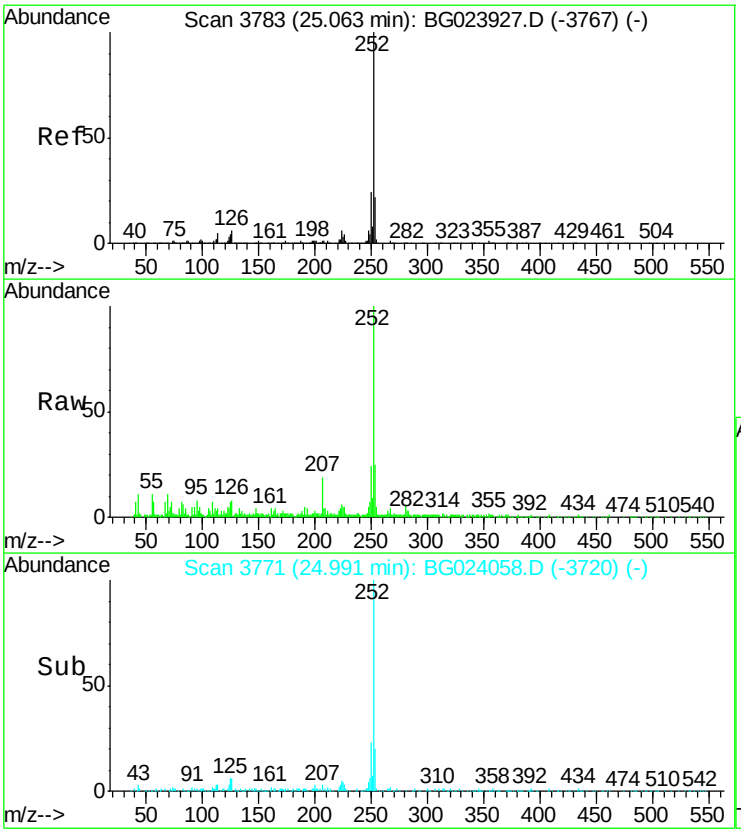
#88
Benzo(k)fluoranthene
Concen: 4.72 ng m
RT: 24.14 min Scan# 3626
Delta R.T. -0.01 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

Tgt Ion:252 Resp: 115340

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.8	28.2
125	9.9	3.2	4.8#

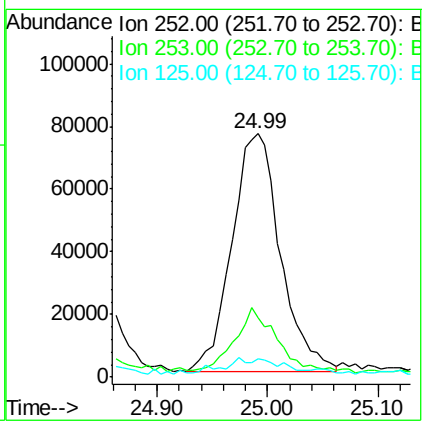


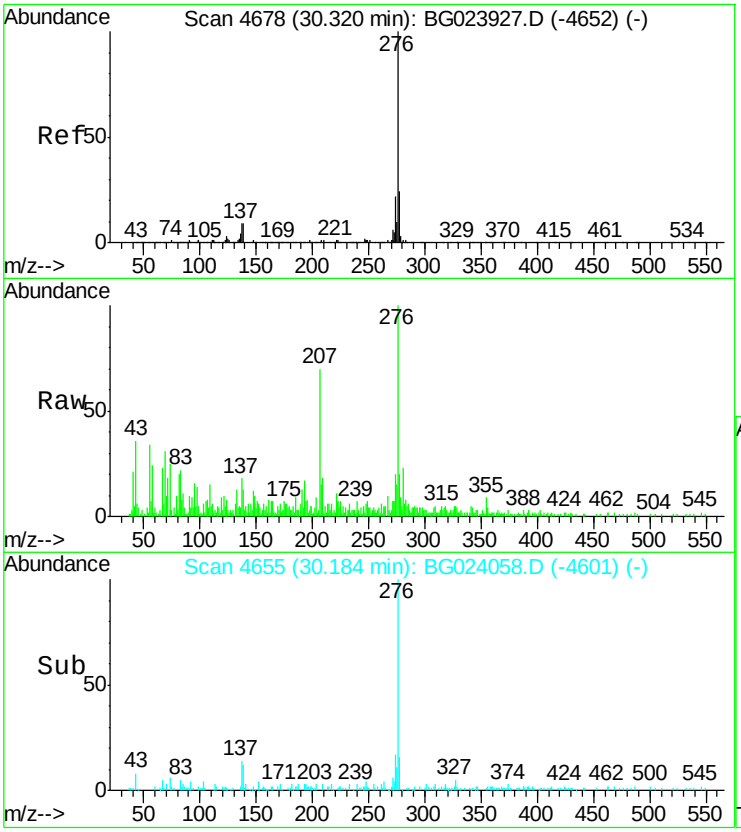


#89
Benzo(a)pyrene
Concen: 9.99 ng
RT: 24.99 min Scan# 3771
Delta R.T. 0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Tgt Ion:252 Resp: 233873

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.7	28.1
125	7.4	3.9	5.9#





#91
Benzo(g,h,i)perylene
Concen: 4.14 ng
RT: 30.18 min Scan# 4655
Delta R.T. 0.02 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

Tgt Ion:276 Resp: 91602

Ion	Ratio	Lower	Upper
276	100		
277	19.8	18.6	27.8
138	13.1	6.8	10.2#