Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024059.D
Acq On : 21 Sep 2016 17:43
Operator : UM/SJ
Sample : H4820-24
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-04

Quant Time: Sep 21 18:46:43 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	65306	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	293114	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	221785	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	414344	20.00	ng		0.00
75) Chrysene-d12	21.80	240	437667	20.00	ng		0.00
86) Perylene-d12	25.15	264	428398	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	417380	112.21	ng		0.00
7) Phenol-d6	7.22	99	659027	115.10	ng		0.00
23) Nitrobenzene-d5	9.23	82	507489	77.29	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	320800	80.28	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	989451	63.96	ng		0.00
78) Terphenyl-d14	20.10	244	1300247	67.66	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.17	163	272383	14.32	ng		99
70) Phenanthrene	17.53	178	147038	6.82	ng		97
74) Fluoranthene	19.55	202	270850	10.44	ng		92
77) Pyrene	19.91	202	235932	8.77	ng		92
80) Benzo(a)anthracene	21.78	228	142920	5.83	ng		95
82) Chrysene	21.84	228	129520	5.55	ng		92
85) Indeno(1,2,3-cd)pyrene	28.98	276	55850	2.16	ng	#	100
87) Benzo(b)fluoranthene	24.08	252	166642	6.85	ng	#	97
88) Benzo(k)fluoranthene	24.13	252	62881m	2.61	ng		
89) Benzo(a)pyrene	24.98	252	114757	4.97	ng	#	95
91) Benzo(g,h,i)perylene	30.19	276	52431m	2.40	ng		

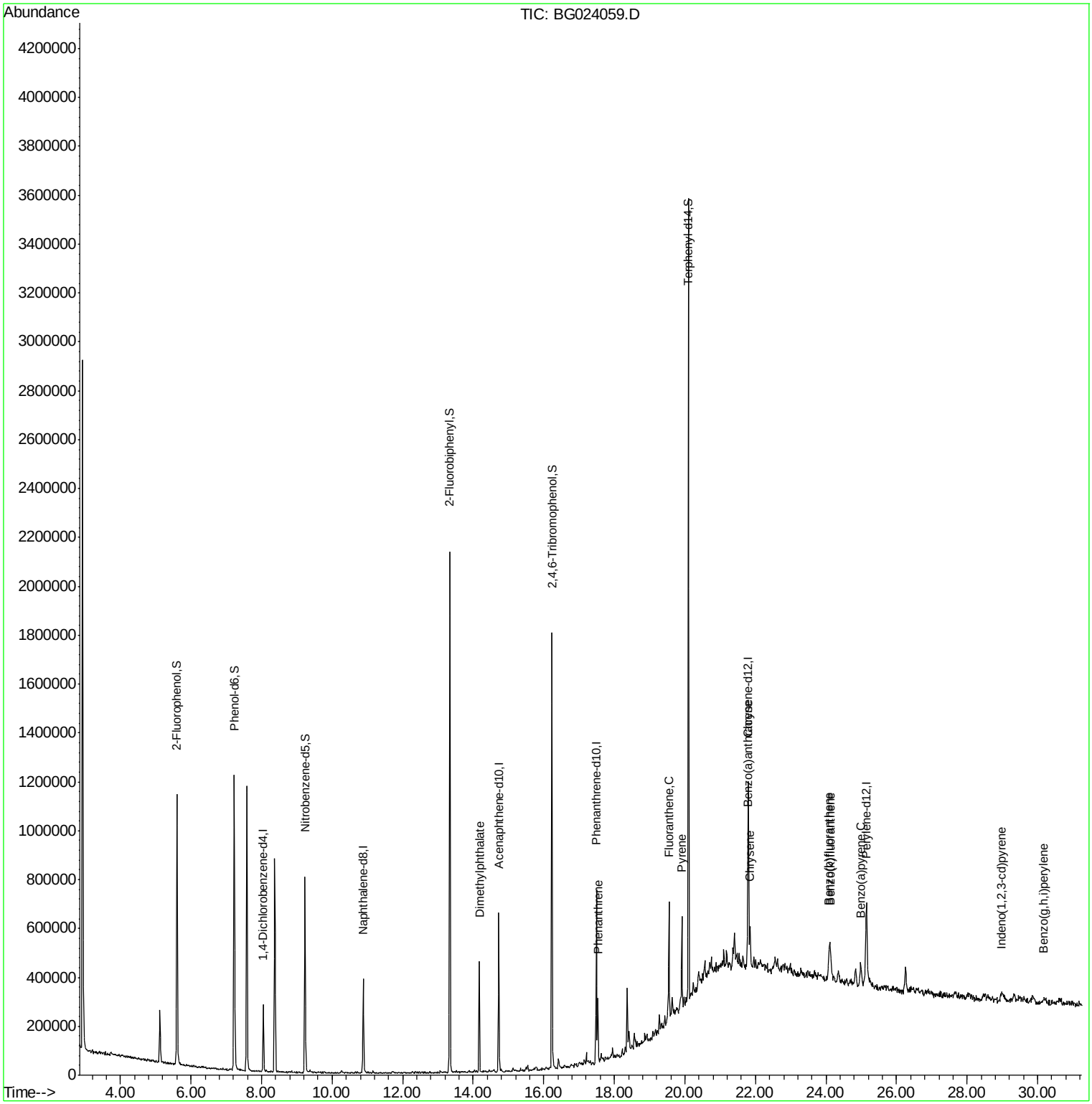
(#) = qualifier out of range (m) = manual integration (+) = signals summed

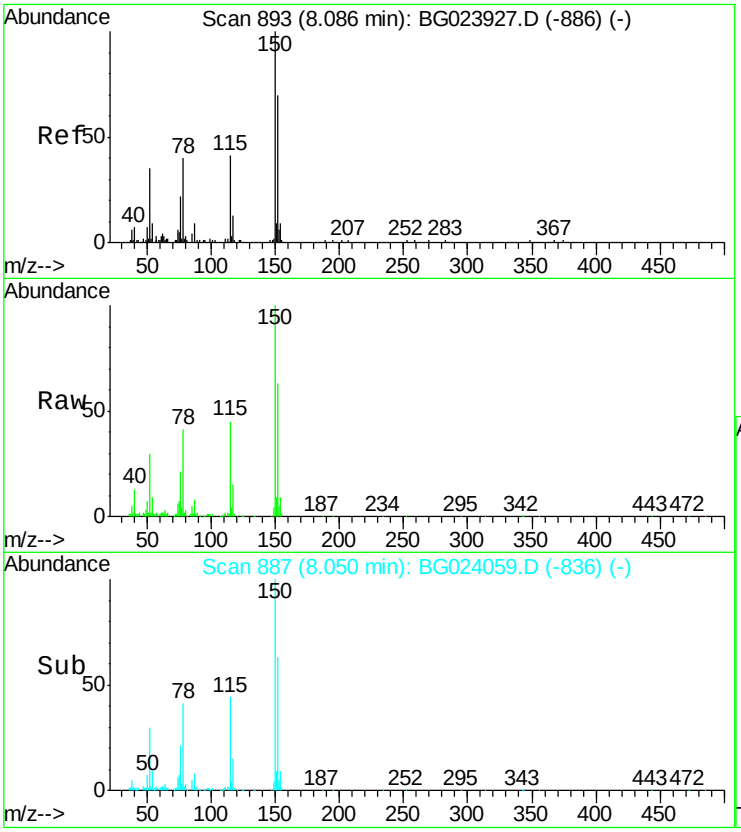
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024059.D
Acq On : 21 Sep 2016 17:43
Operator : UM/SJ
Sample : H4820-24
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-04

Quant Time: Sep 21 18:46:43 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



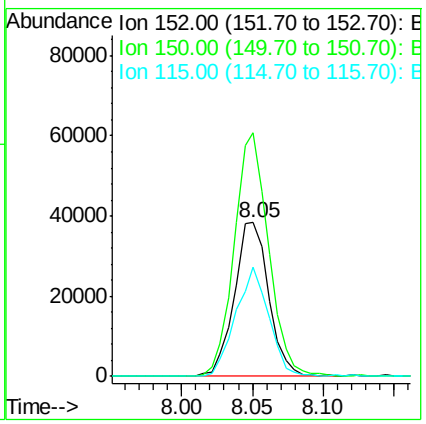


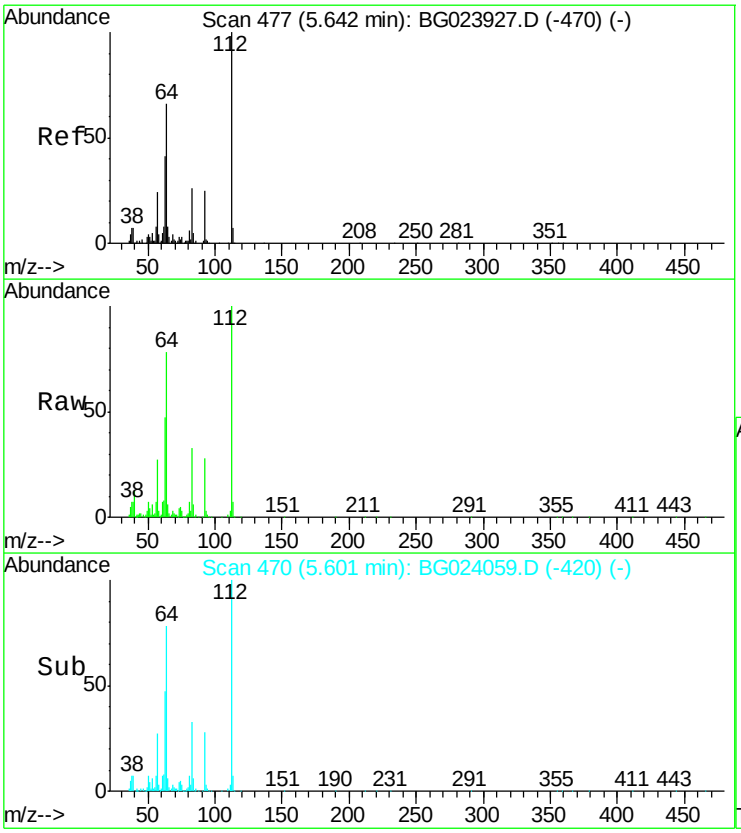
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. 0.00 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-04

Tgt Ion:152 Resp: 65306

Ion	Ratio	Lower	Upper
152	100		
150	158.3	144.7	217.1
115	70.9	64.0	96.0

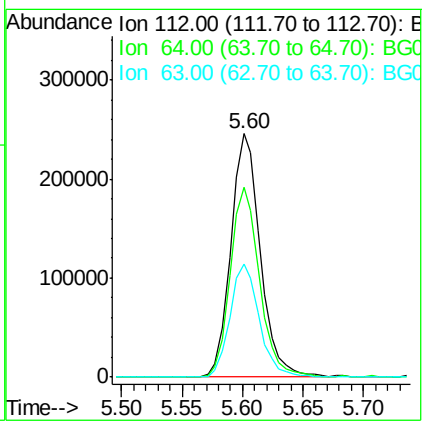


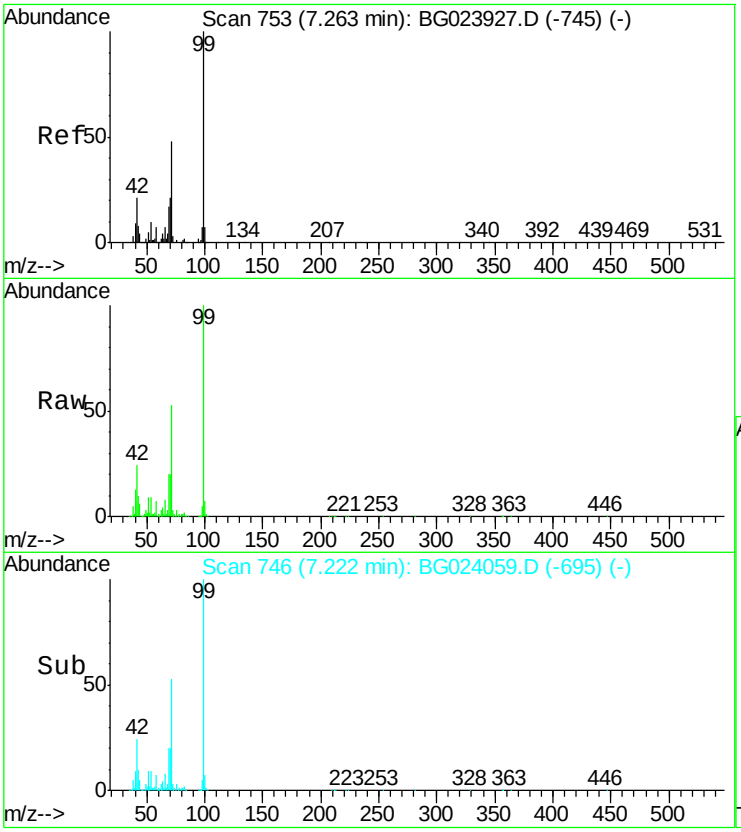


#5
2-Fluorophenol
Concen: 112.21 ng
RT: 5.60 min Scan# 470
Delta R.T. -0.00 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Tgt Ion:112 Resp: 417380

Ion	Ratio	Lower	Upper
112	100		
64	78.1	59.0	88.4
63	46.6	37.8	56.8



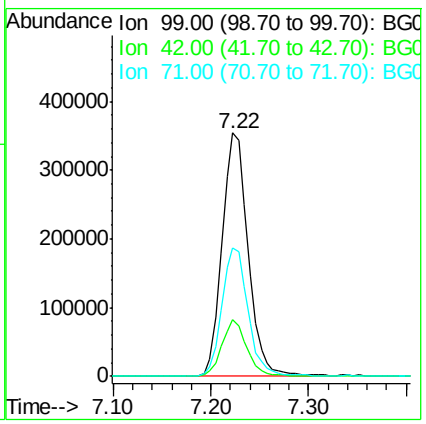


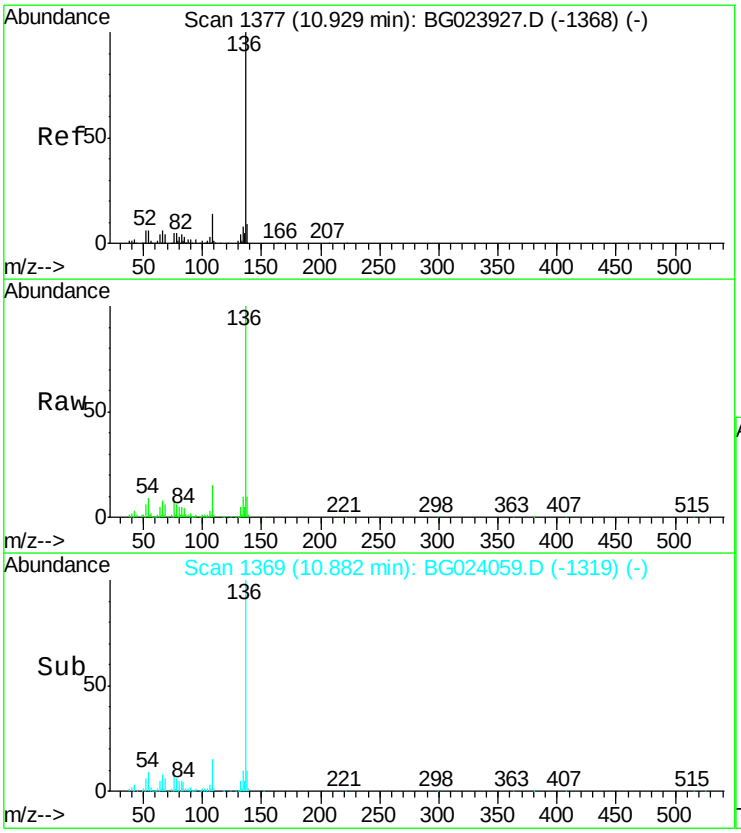
#7
Phenol-d6
Concen: 115.10 ng
RT: 7.22 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-04

Tgt Ion: 99 Resp: 659027

Ion	Ratio	Lower	Upper
99	100		
42	23.5	17.8	26.6
71	52.7	41.5	62.3

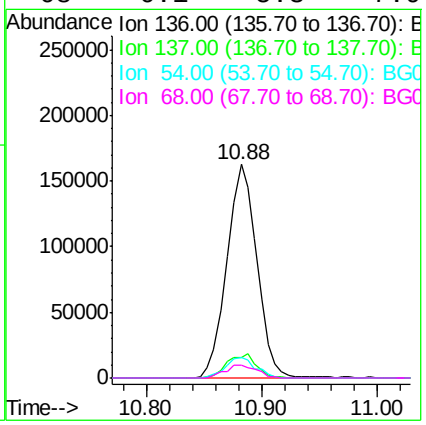


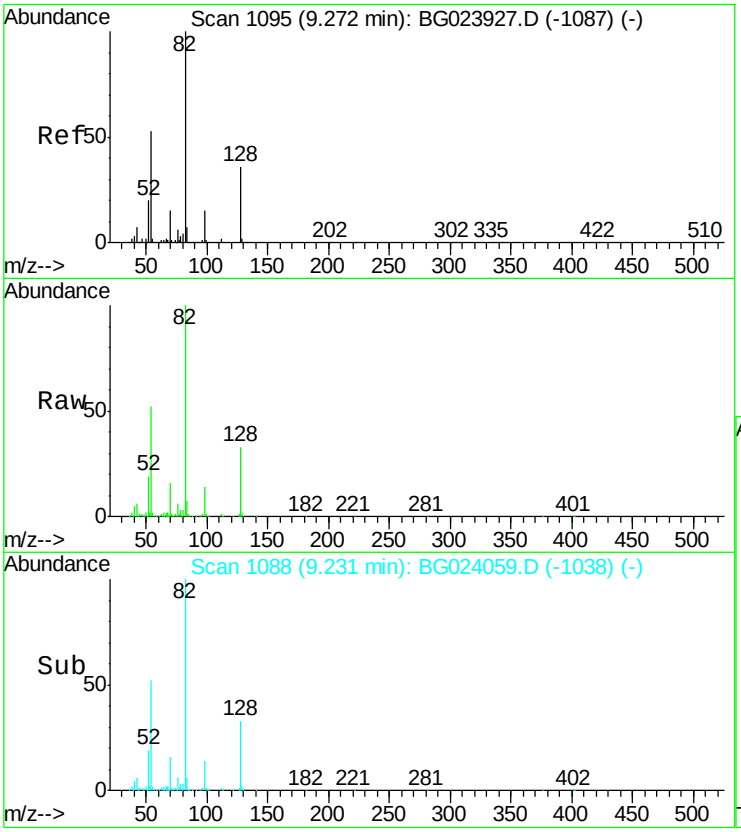


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Tgt Ion:136 Resp: 293114

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.6	14.4
54	9.4	7.3	10.9
68	6.1	5.3	7.9



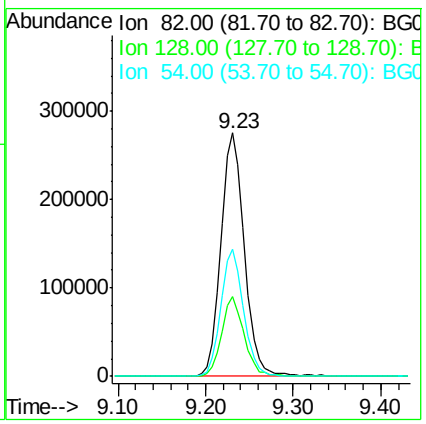


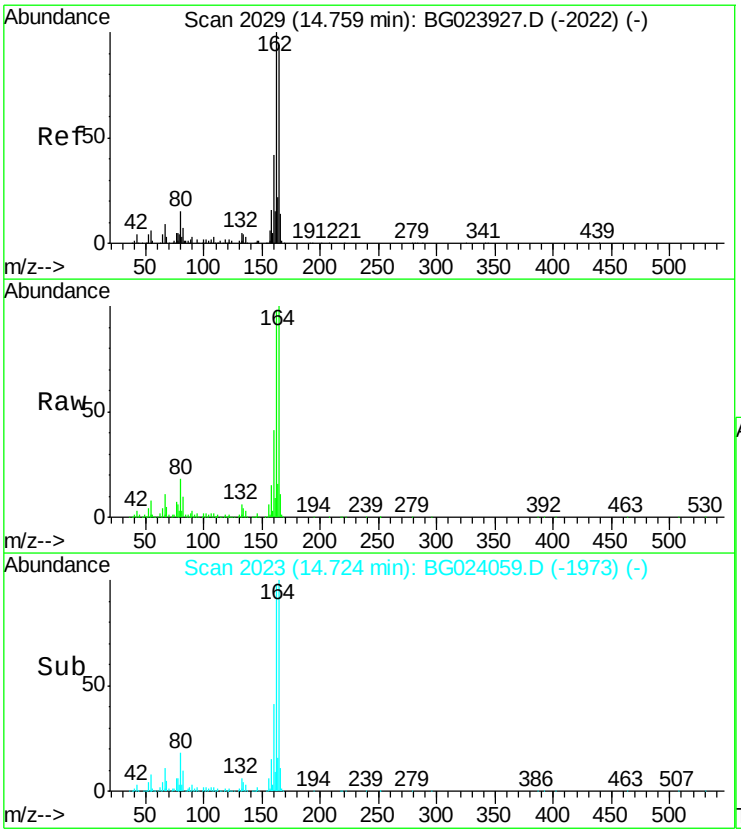
#23
Nitrobenzene-d5
Concen: 77.29 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-04

Tgt Ion: 82 Resp: 507489

Ion	Ratio	Lower	Upper
82	100		
128	32.7	24.4	36.6
54	52.3	41.4	62.0

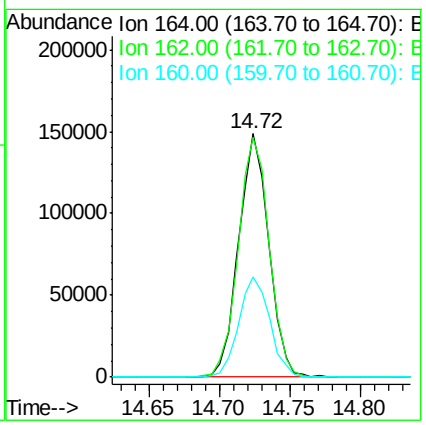


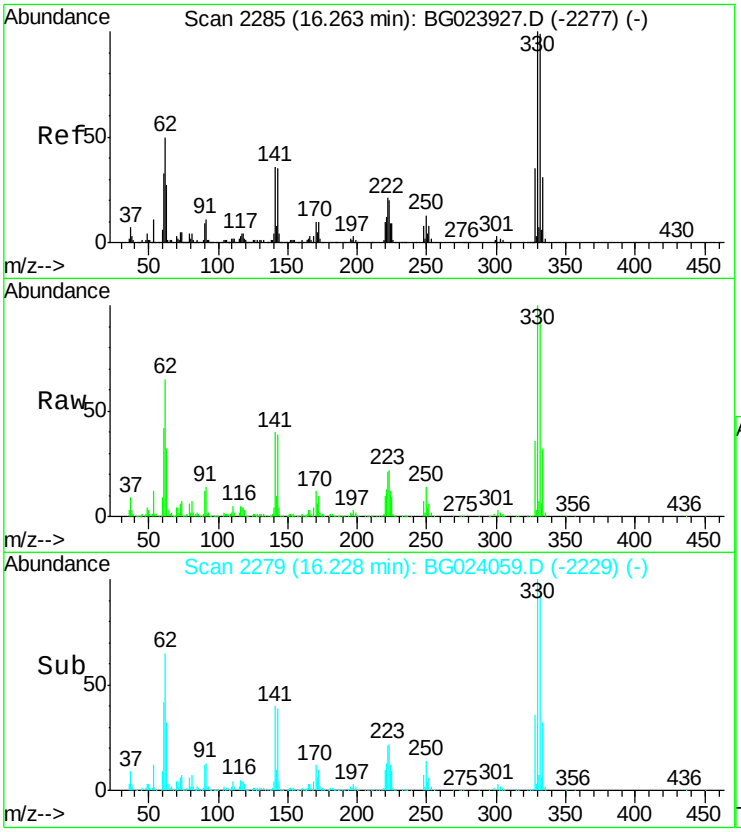


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Tgt Ion:164 Resp: 221785

Ion	Ratio	Lower	Upper
164	100		
162	98.4	87.7	131.5
160	41.1	37.2	55.8



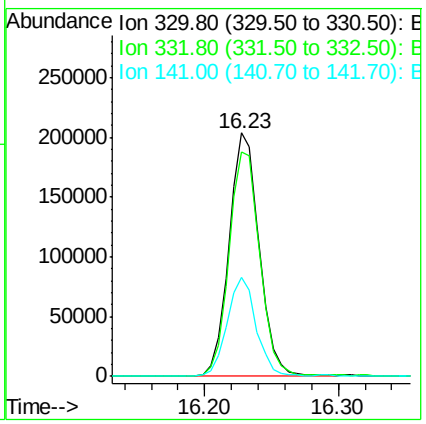


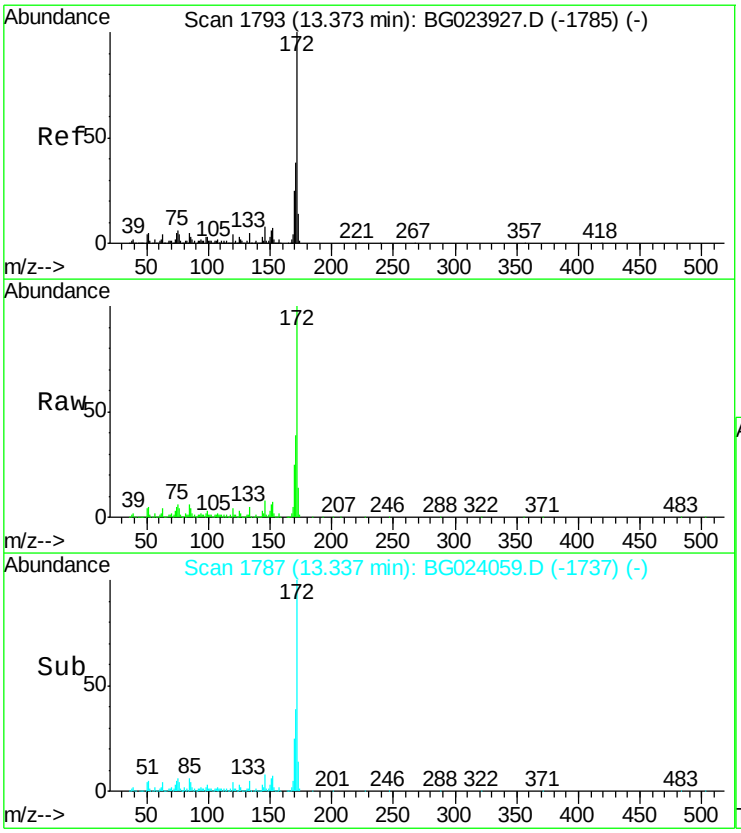
#41
2,4,6-Tribromophenol
Concen: 80.28 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-04

Tgt Ion:330 Resp: 320800

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.4	116.2
141	38.8	31.7	47.5

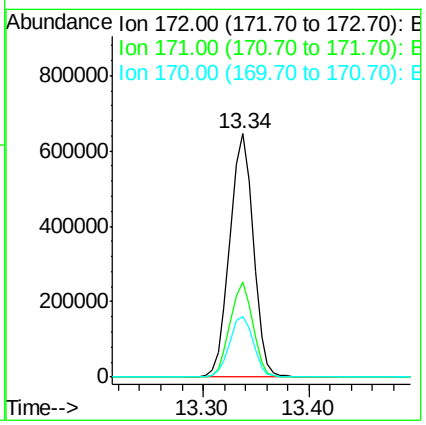


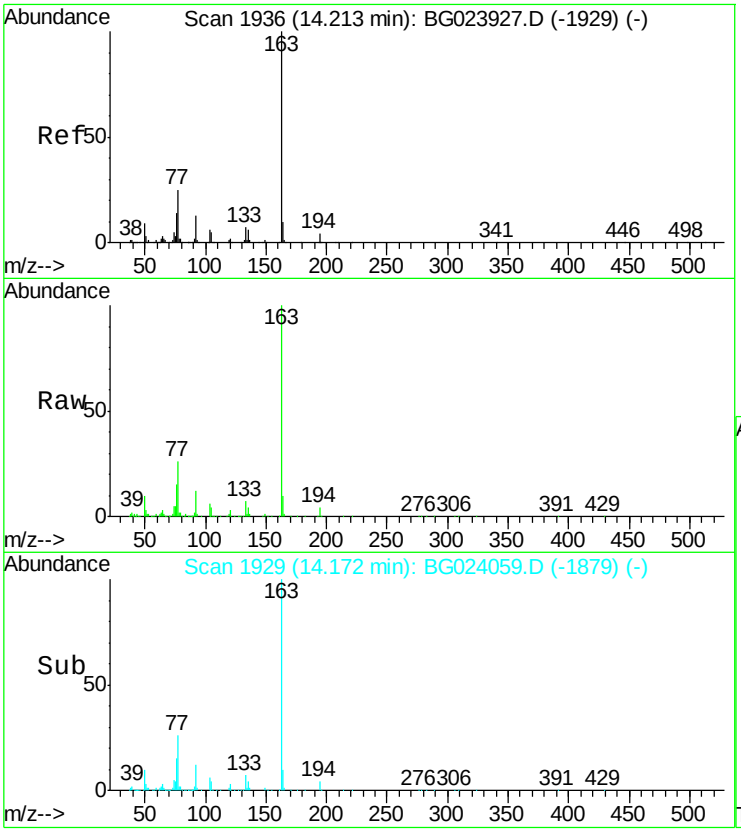


#44
2-Fluorobiphenyl
Concen: 63.96 ng
RT: 13.34 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Tgt Ion:172 Resp: 989451

Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.6	47.4
170	25.0	21.3	31.9



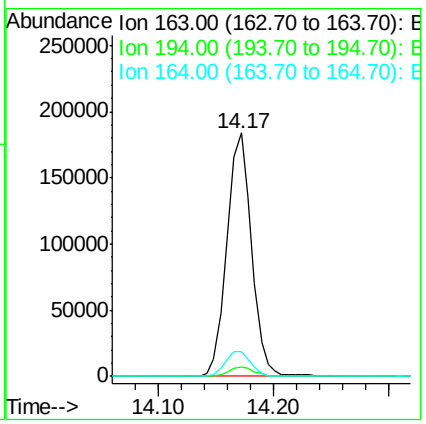


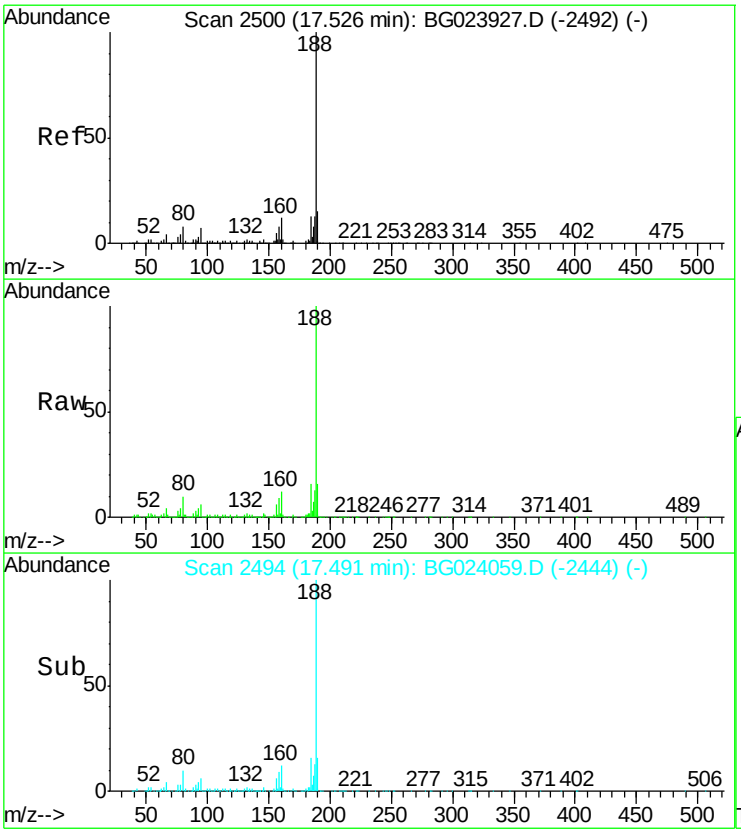
#49
Dimethylphthalate
Concen: 14.32 ng
RT: 14.17 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-04

Tgt Ion:163 Resp: 272383

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	10.3	8.1	12.1

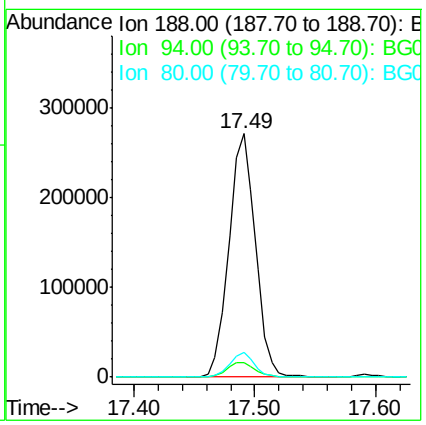


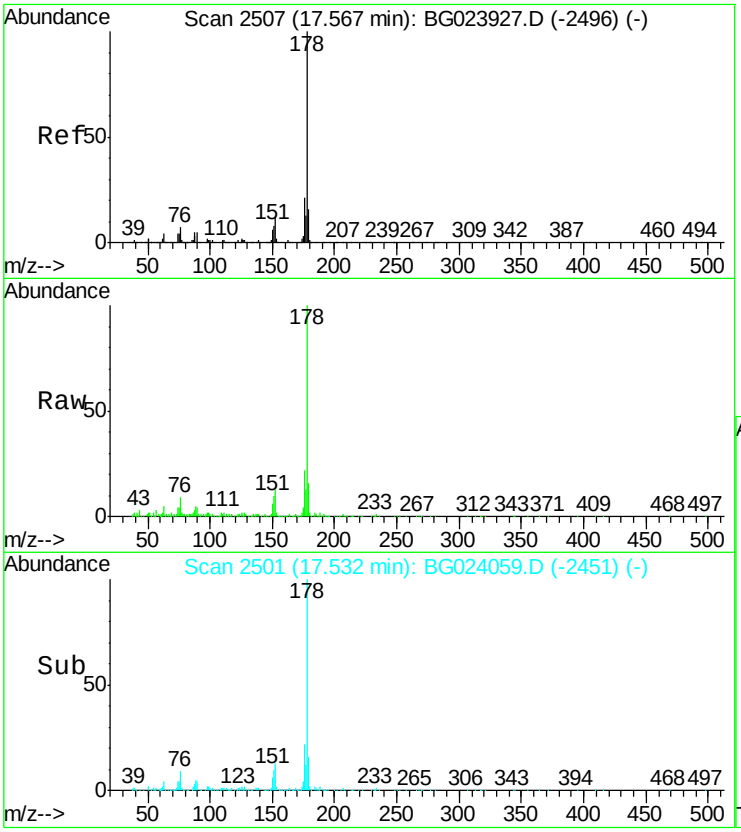


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Tgt Ion:188 Resp: 414344

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.2	7.8
80	10.0	7.2	10.8



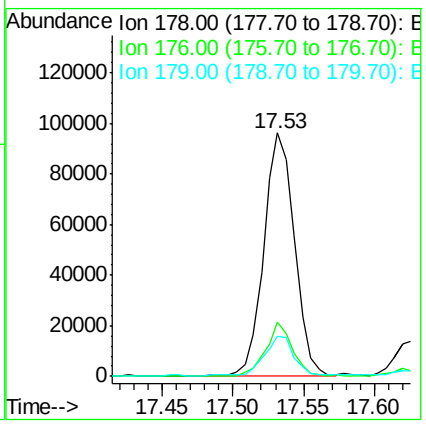


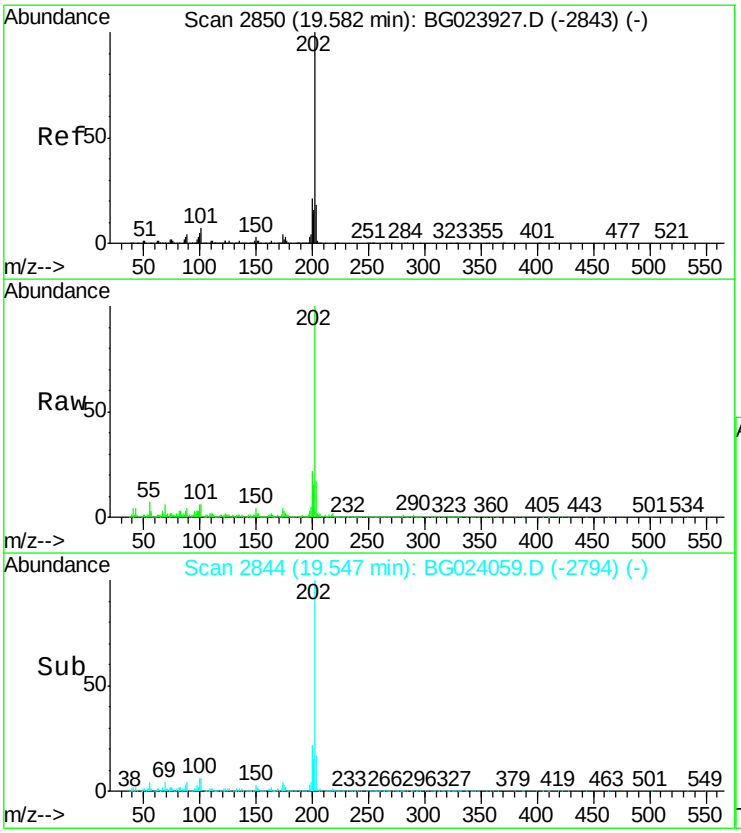
#70
Phenanthrene
Concen: 6.82 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.00 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-04

Tgt Ion:178 Resp: 147038

Ion	Ratio	Lower	Upper
178	100		
176	22.3	16.8	25.2
179	16.3	14.3	21.5

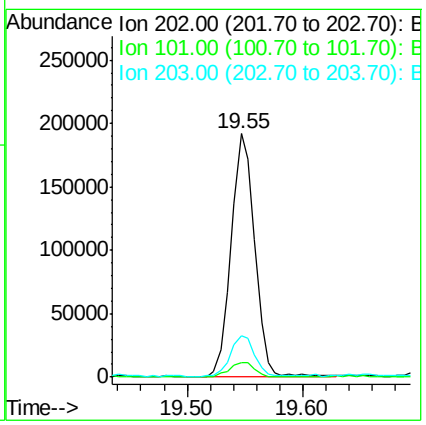


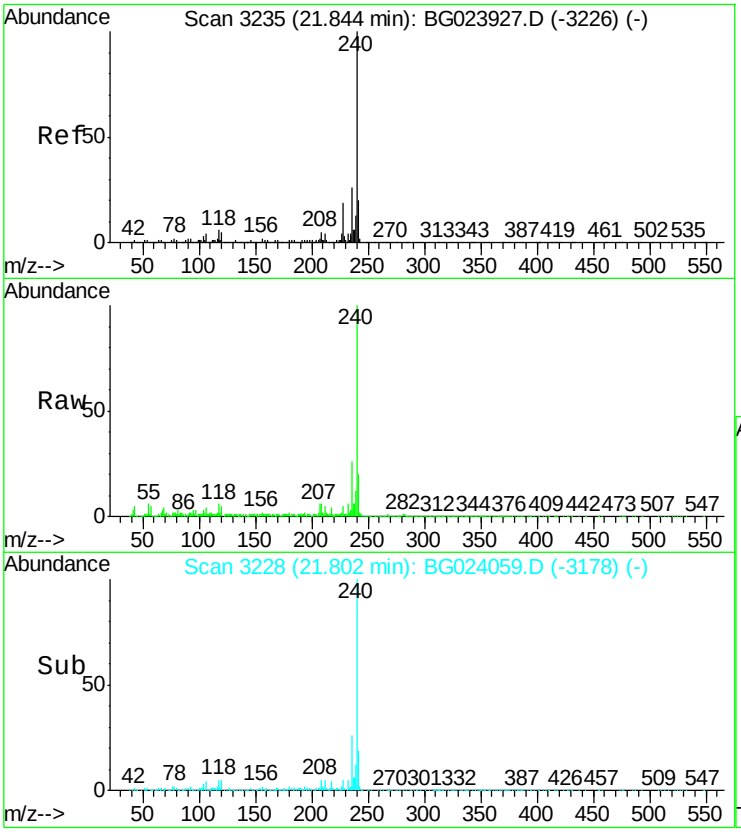


#74
Fluoranthene
Concen: 10.44 ng
RT: 19.55 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Tgt Ion:202 Resp: 270850

Ion	Ratio	Lower	Upper
202	100		
101	5.9	0.0	27.4
203	17.0	1.7	41.7



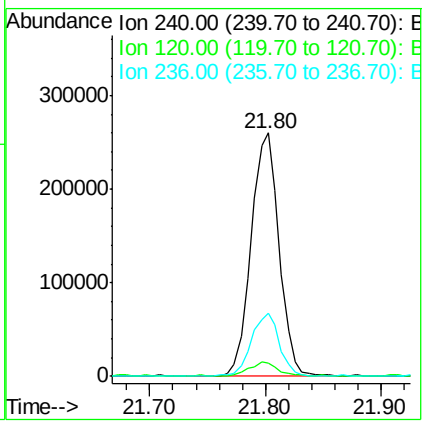


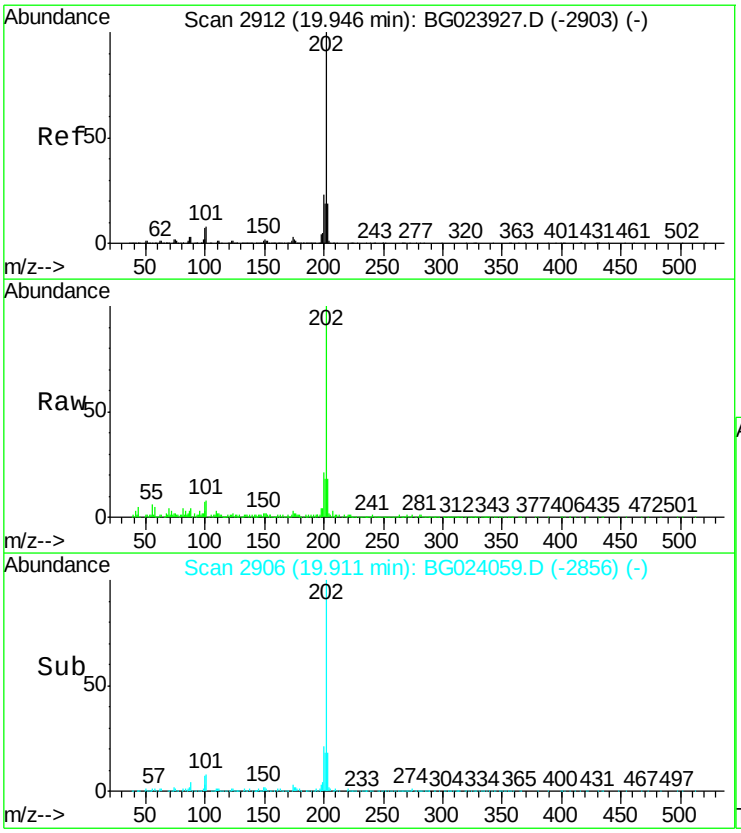
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-04

Tgt Ion:240 Resp: 437667

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.1	6.1
236	25.9	21.1	31.7

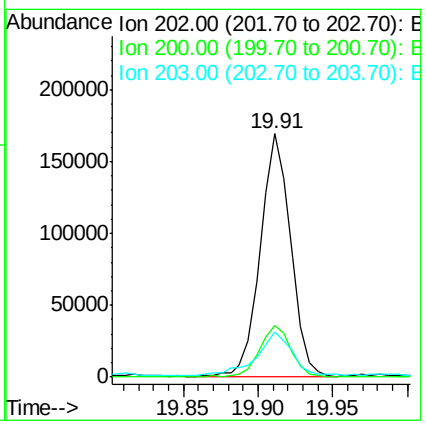


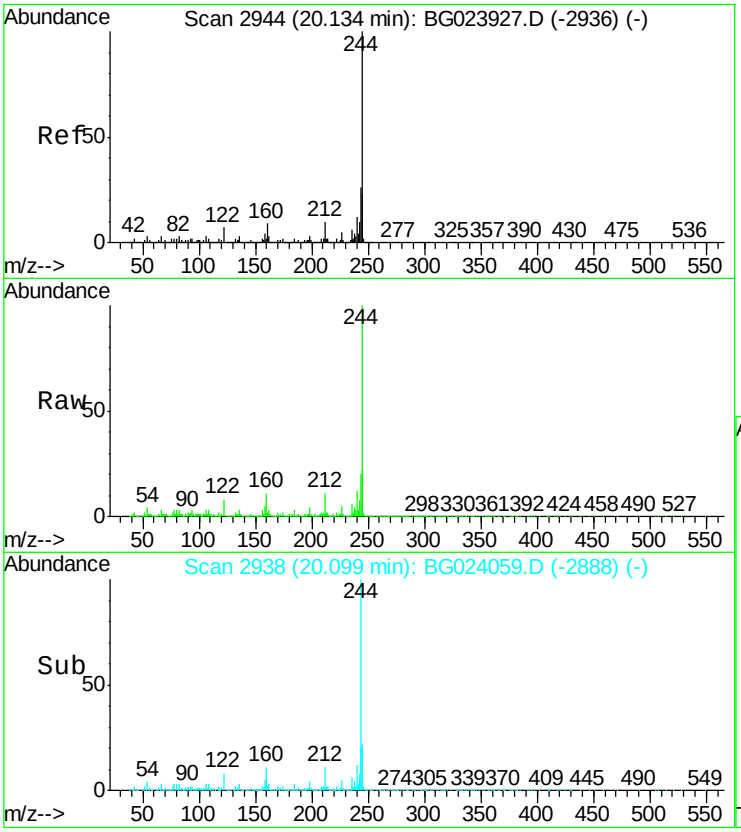


#77
Pyrene
Concen: 8.77 ng
RT: 19.91 min Scan# 2906
Delta R.T. -0.00 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Tgt Ion:202 Resp: 235932

Ion	Ratio	Lower	Upper
202	100		
200	21.3	21.2	31.8
203	18.4	16.8	25.2



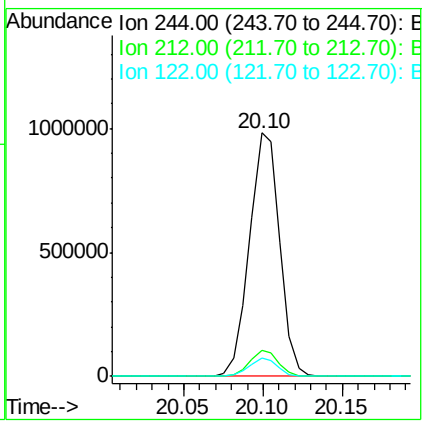


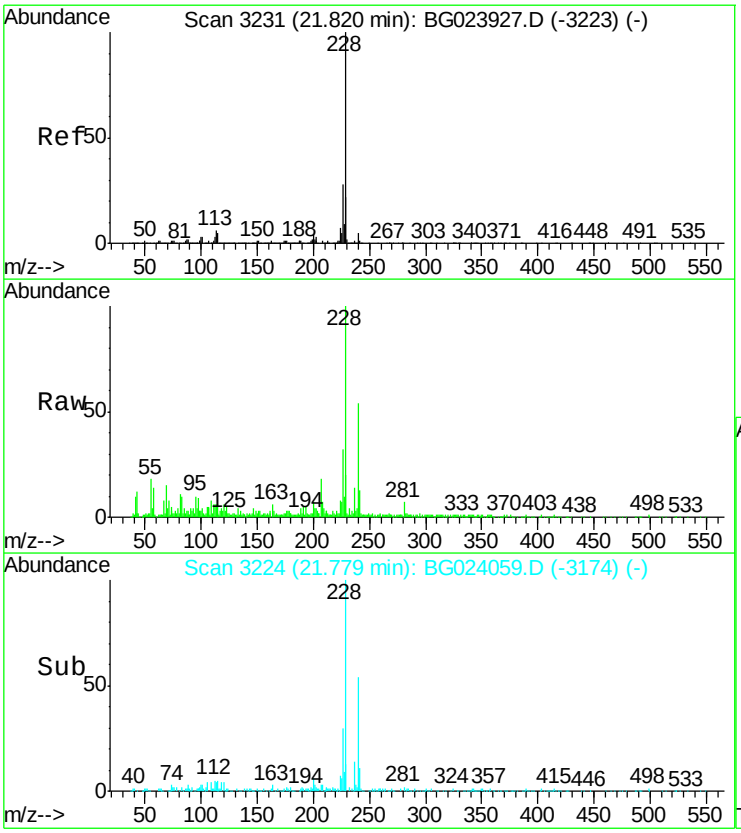
#78
Terphenyl-d14
Concen: 67.66 ng
RT: 20.10 min Scan# 2938
Delta R.T. -0.00 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-04

Tgt Ion:244 Resp: 1300247

Ion	Ratio	Lower	Upper
244	100		
212	10.6	10.8	16.2#
122	7.8	8.0	12.0#

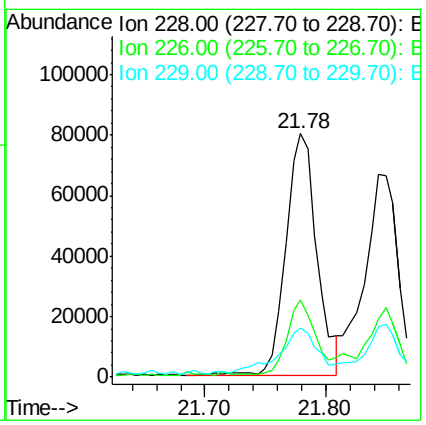


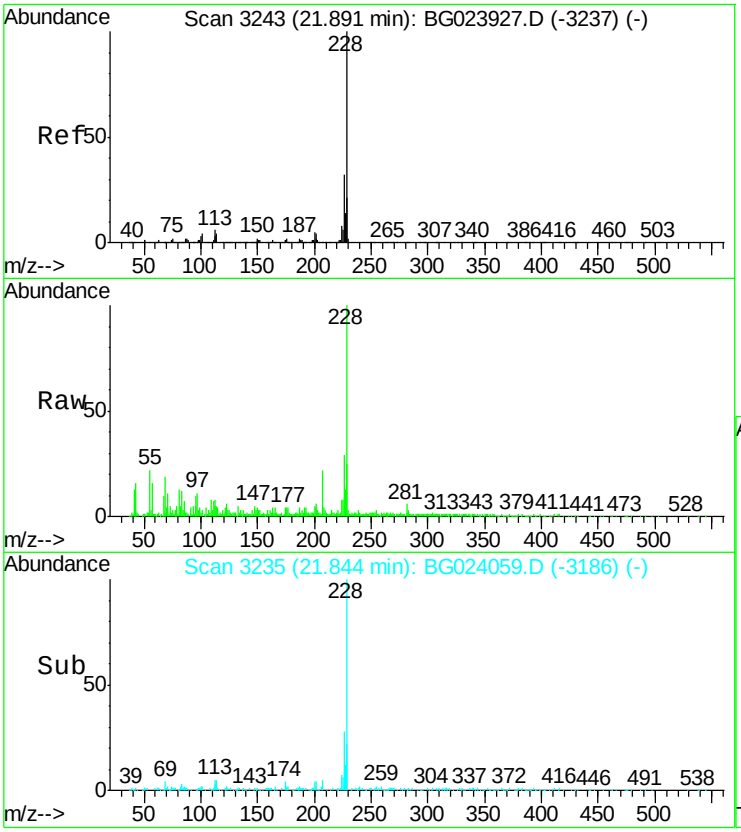


#80
Benzo(a)anthracene
Concen: 5.83 ng
RT: 21.78 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Tgt Ion:228 Resp: 142920

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.3	37.9
229	20.0	19.9	29.9



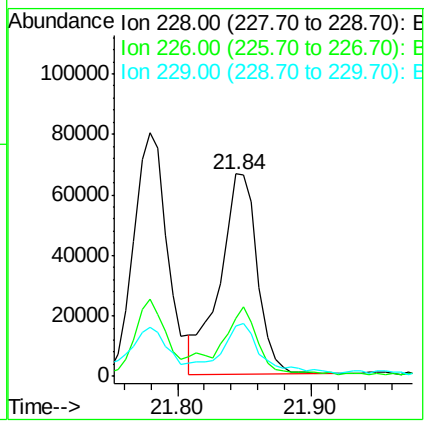


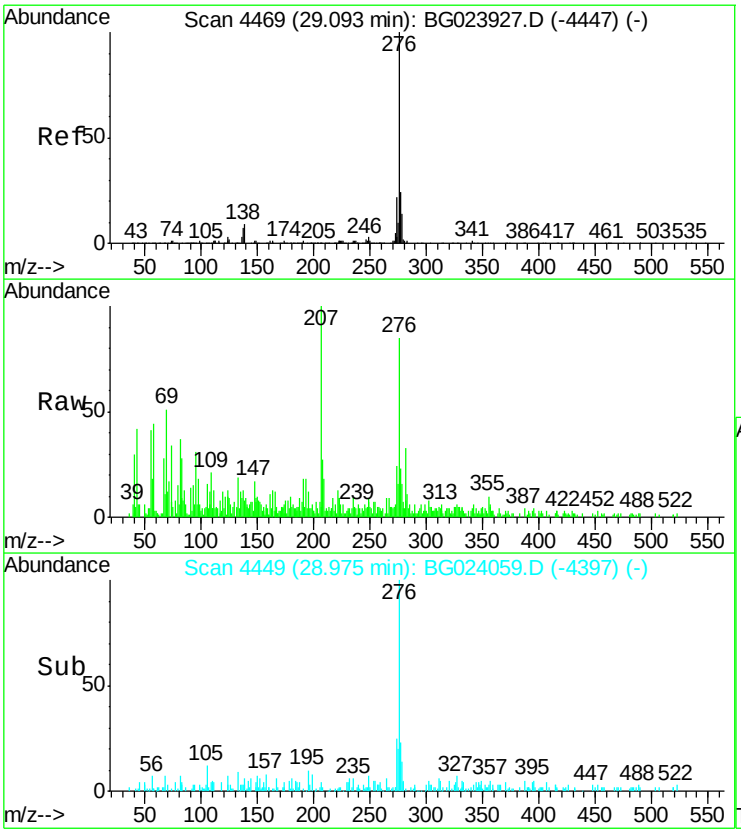
#82
Chrysene
Concen: 5.55 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.01 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-04

Tgt Ion:228 Resp: 129520

Ion	Ratio	Lower	Upper
228	100		
226	28.8	26.7	40.1
229	25.0	17.4	26.2

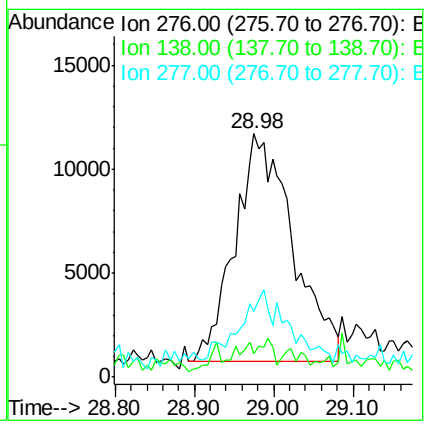


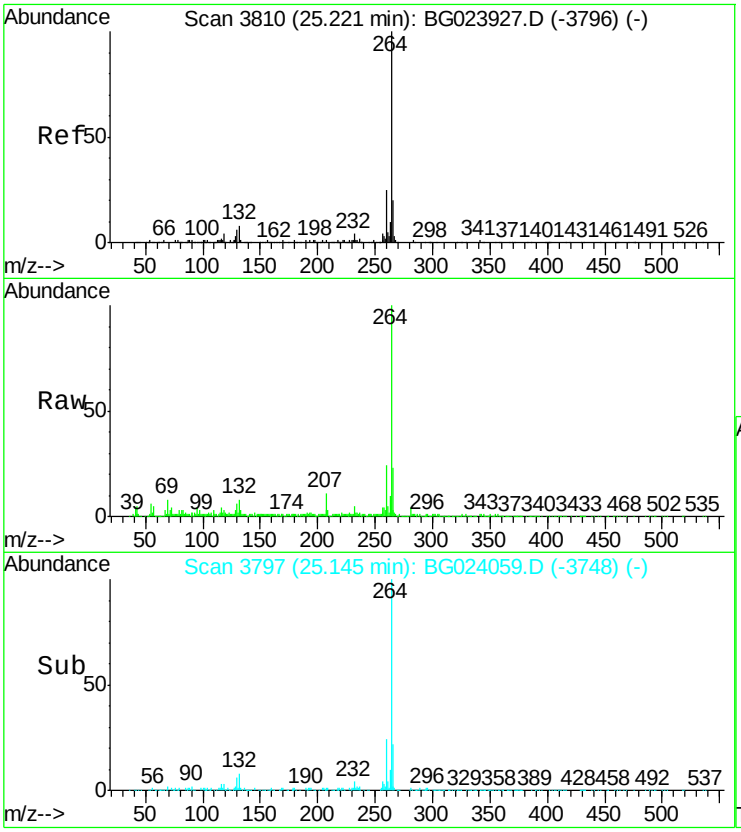


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.16 ng
RT: 28.98 min Scan# 4449
Delta R.T. 0.01 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Tgt Ion:276 Resp: 55850

Ion	Ratio	Lower	Upper
276	100		
138	3.4	0.0	0.0#
277	0.0	0.0	0.0



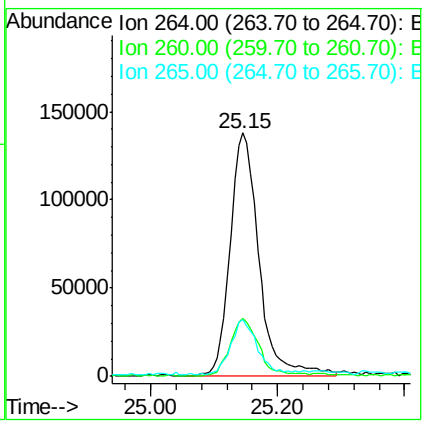


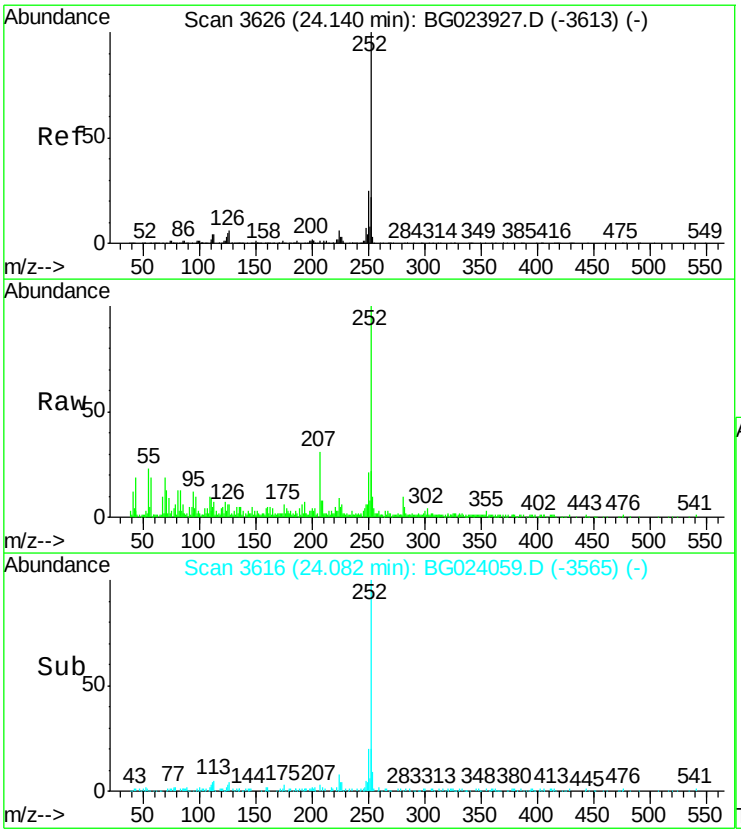
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.15 min Scan# 3797
Delta R.T. -0.01 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-04

Tgt Ion:264 Resp: 428398

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	23.1	18.9	28.3

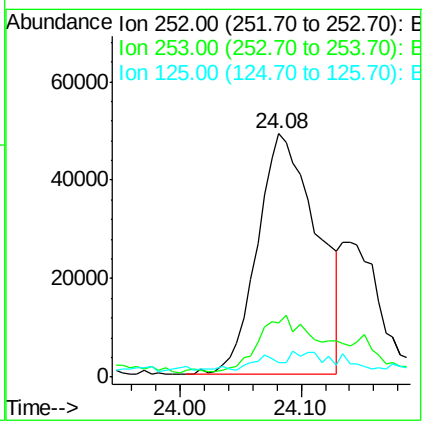


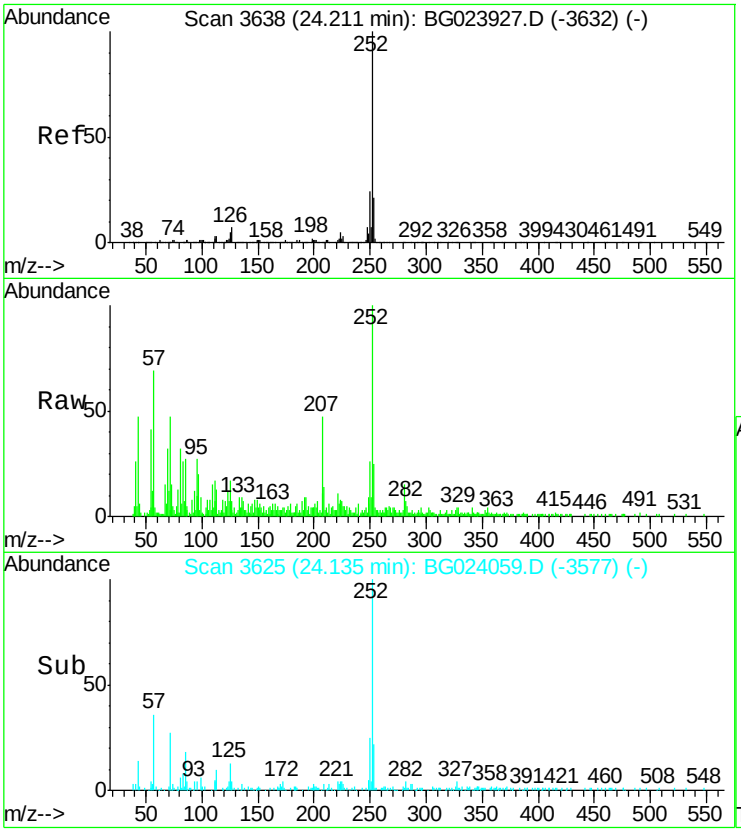


#87
Benzo(b)fluoranthene
Concen: 6.85 ng
RT: 24.08 min Scan# 3616
Delta R.T. 0.00 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Tgt Ion:252 Resp: 166642

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.9	28.3
125	6.2	3.9	5.9#



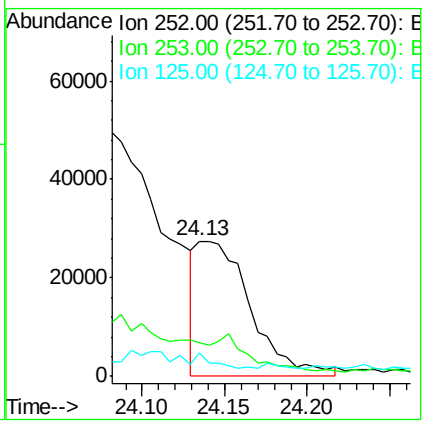


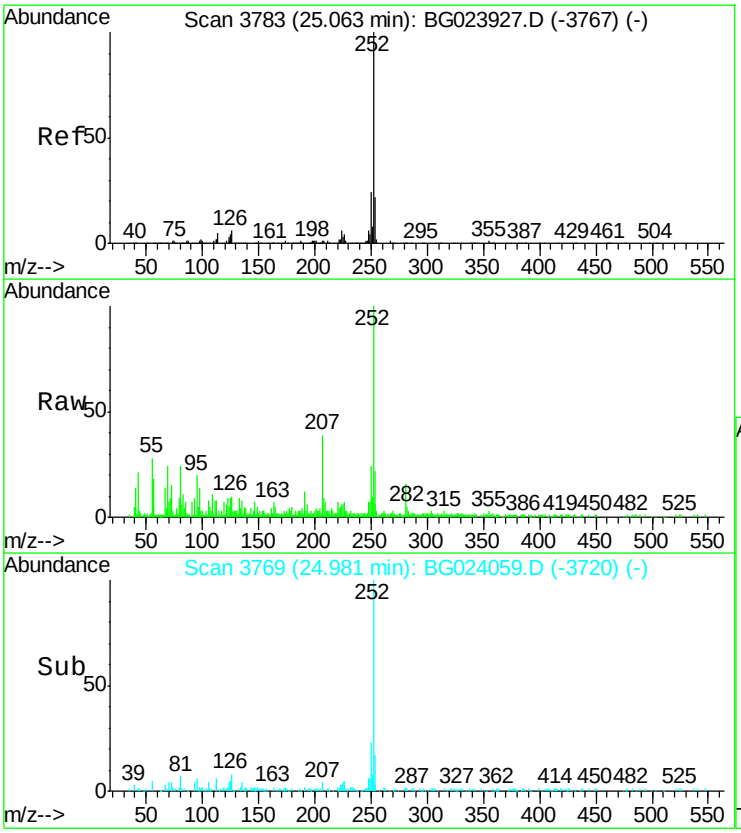
#88
Benzo(k)fluoranthene
Concen: 2.61 ng m
RT: 24.13 min Scan# 3625
Delta R.T. -0.02 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-04

Tgt Ion:252 Resp: 62881

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.8	28.2
125	17.4	3.2	4.8#

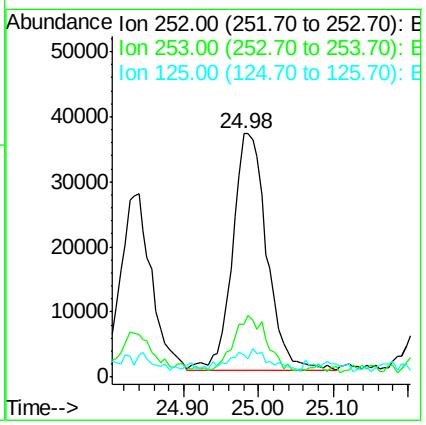


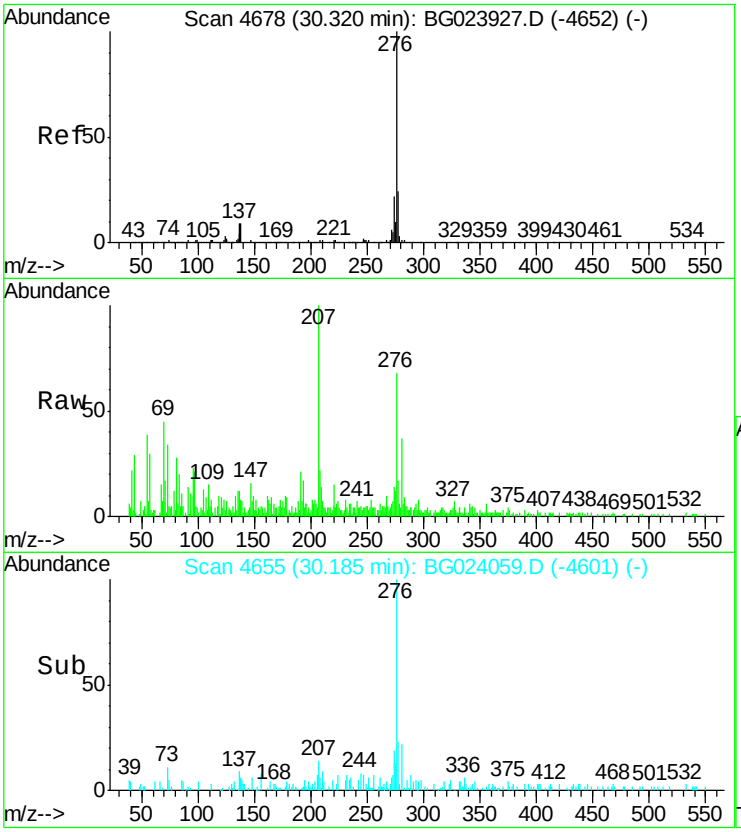


#89
Benzo(a)pyrene
Concen: 4.97 ng
RT: 24.98 min Scan# 3769
Delta R.T. -0.01 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Tgt Ion:252 Resp: 114757

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.7	28.1
125	9.3	3.9	5.9#





#91
Benzo(g,h,i)perylene
Concen: 2.40 ng m
RT: 30.19 min Scan# 4655
Delta R.T. 0.02 min
Lab File: BG024059.D
Acq: 21 Sep 2016 17:43

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-04

Tgt Ion:276 Resp: 52431

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	27.8
138	11.2	6.8	10.2#