Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092116\
Data File : BG024061.D
Acq On : 21 Sep 2016 18:58
Operator : UM/SJ
Sample : H4820-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-TP1-03

Quant Time: Sep 22 07:30:40 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	84730	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	344082	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	237425	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	424580	20.00	ng		0.00
75) Chrysene-d12	21.80	240	437022	20.00	ng		0.00
86) Perylene-d12	25.15	264	422756	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	468789	97.14	ng		0.00
7) Phenol-d6	7.23	99	713322	96.02	ng		0.00
23) Nitrobenzene-d5	9.24	82	544683	70.67	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	270055	63.13	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	952282	57.50	ng		0.00
78) Terphenyl-d14	20.10	244	1146731	59.76	ng		0.00
Target Compounds							Qvalue
40) Hexachlorocyclopentadiene	13.02	237	66	7.09	ng	#	26
49) Dimethylphthalate	14.17	163	259583	12.75	ng		97
53) 2,4-Dinitrophenol	14.93	184	67	6.53	ng	#	40
70) Phenanthrene	17.54	178	104246	4.72	ng		95
71) Anthracene	17.54	178	104246	4.63	ng		96
74) Fluoranthene	19.55	202	212962	8.01	ng		91
77) Pyrene	19.92	202	234677	8.73	ng		93
80) Benzo(a)anthracene	21.85	228	148228	6.06	ng		97
82) Chrysene	21.85	228	148228	6.37	ng		98
85) Indeno(1,2,3-cd)pyrene	28.99	276	104474	4.05	ng	#	100
87) Benzo(b)fluoranthene	24.09	252	207203	8.63	ng	#	98
88) Benzo(k)fluoranthene	24.09	252	207203	8.70	ng	#	98
89) Benzo(a)pyrene	24.99	252	159471	6.99	ng	#	96
91) Benzo(g,h,i)perylene	30.21	276	103091	4.78	ng	#	92

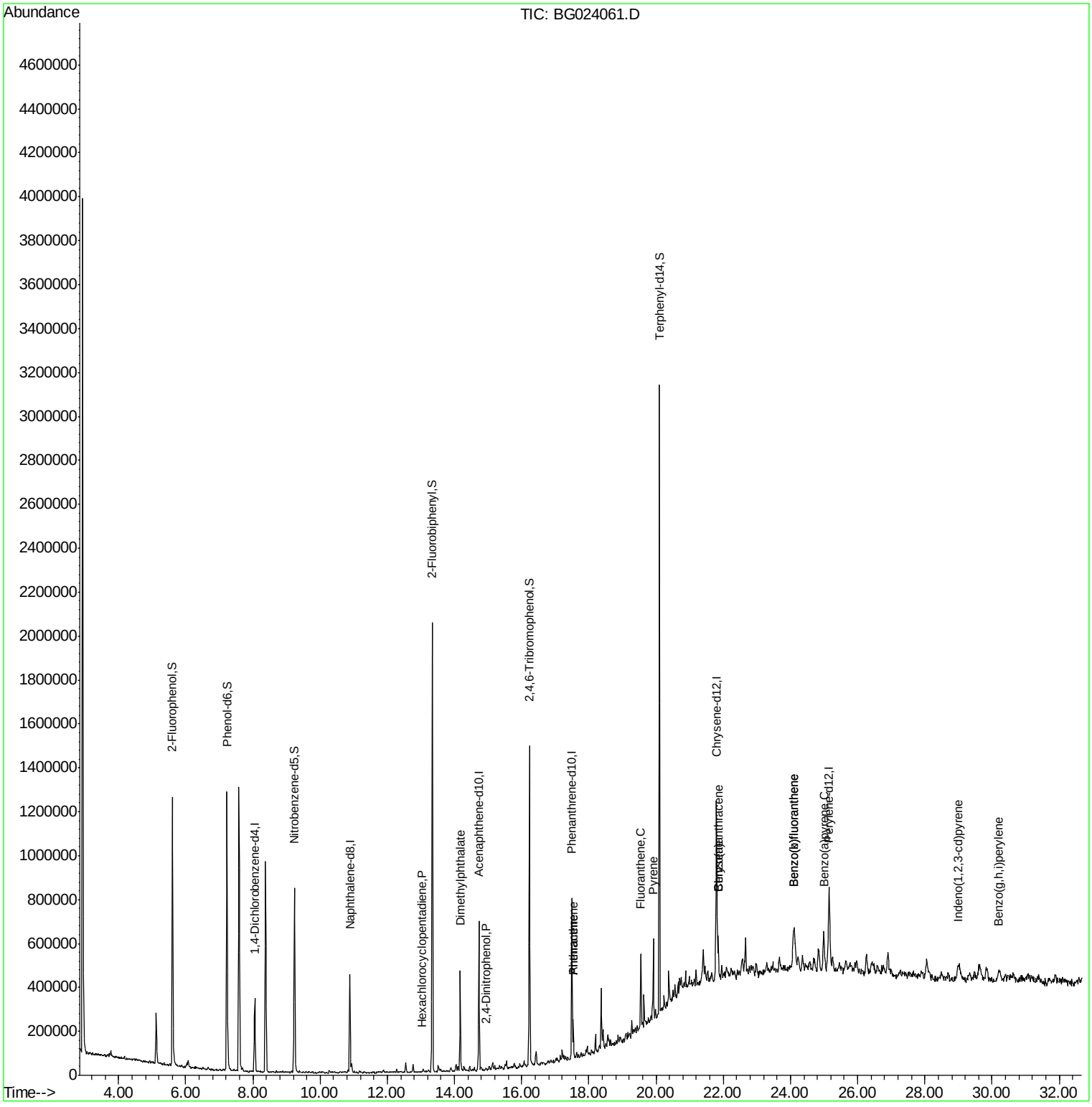
(#) = qualifier out of range (m) = manual integration (+) = signals summed

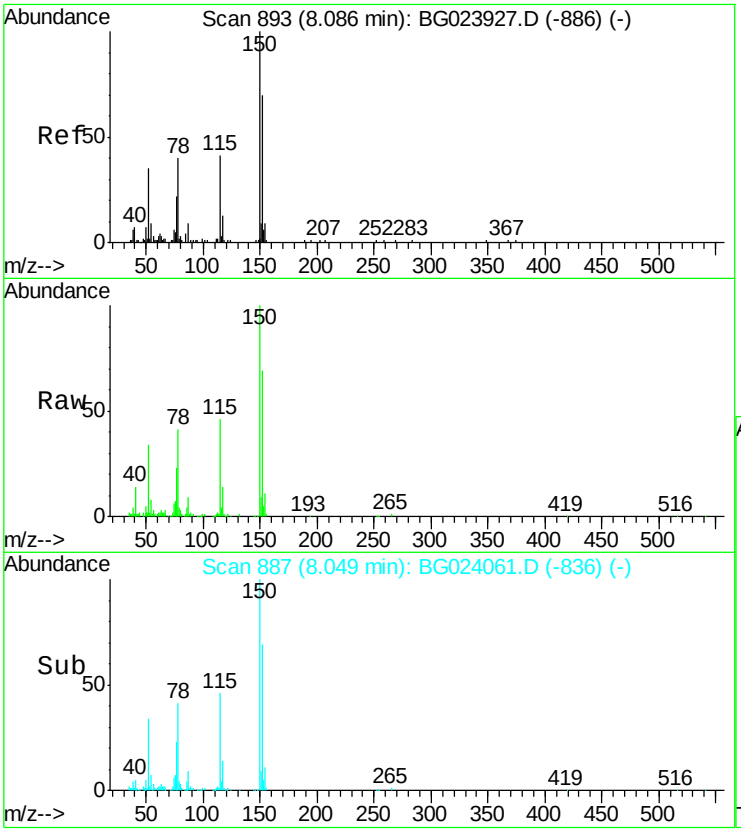
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092116\
Data File : BG024061.D
Acq On : 21 Sep 2016 18:58
Operator : UM/SJ
Sample : H4820-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YORK-TP1-03

Quant Time: Sep 22 07:30:40 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



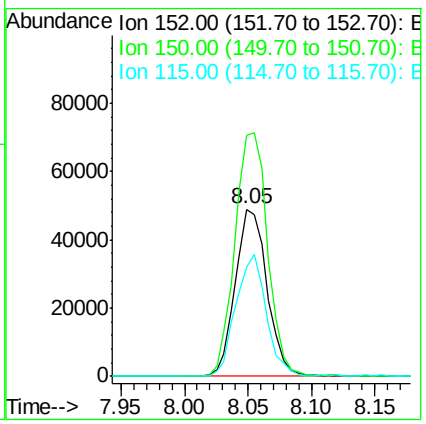


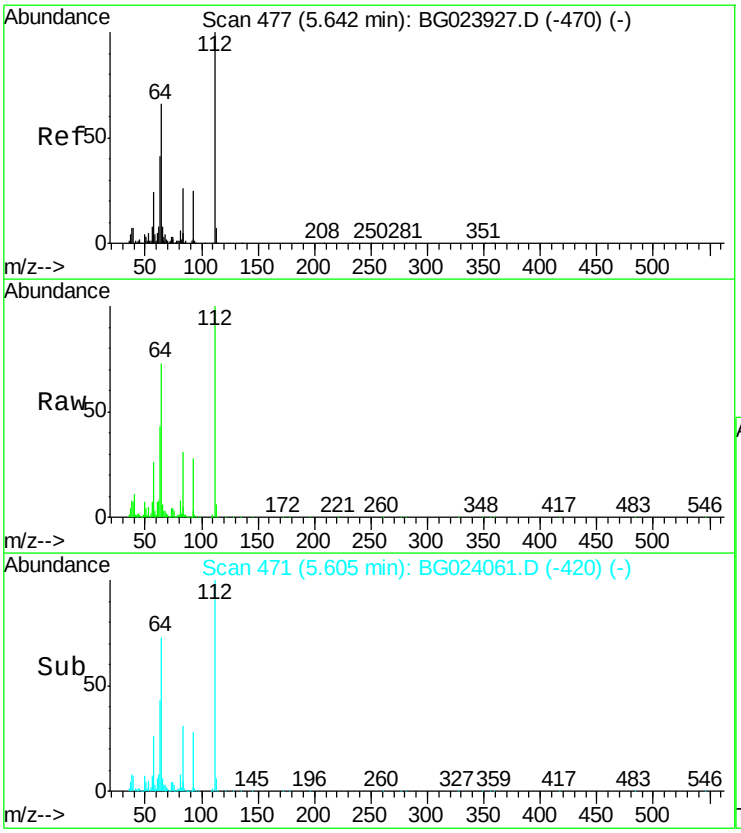
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. 0.00 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Instrument :
BNA_G
ClientSampleId :
YORK-TP1-03

Tgt Ion:152 Resp: 84730

Ion	Ratio	Lower	Upper
152	100		
150	144.1	144.7	217.1#
115	65.6	64.0	96.0

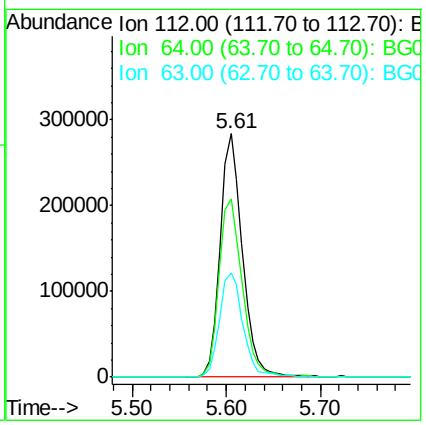


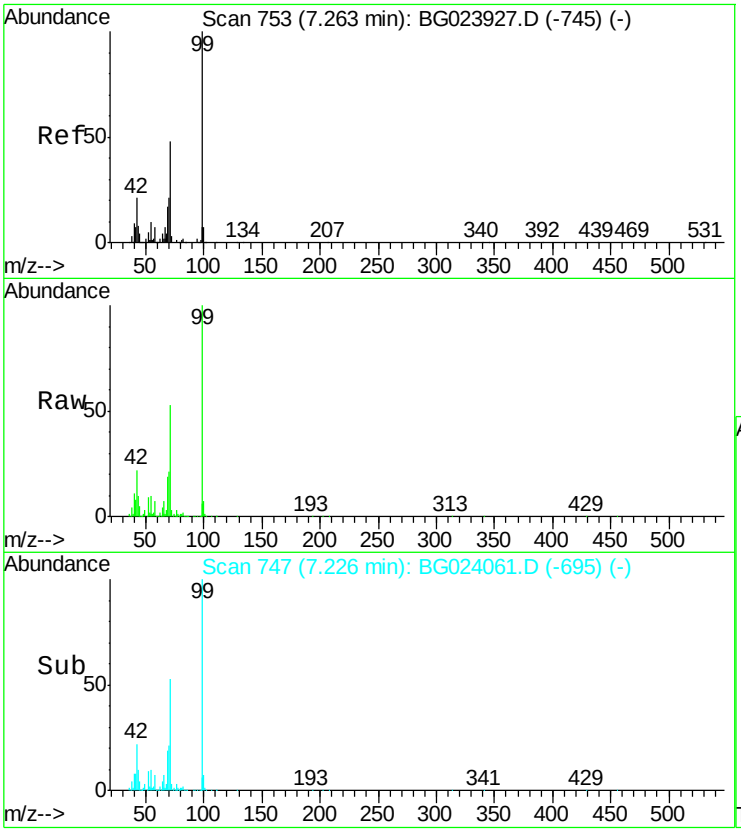


#5
2-Fluorophenol
Concen: 97.14 ng
RT: 5.61 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Tgt Ion:112 Resp: 468789

Ion	Ratio	Lower	Upper
112	100		
64	73.4	59.0	88.4
63	42.7	37.8	56.8



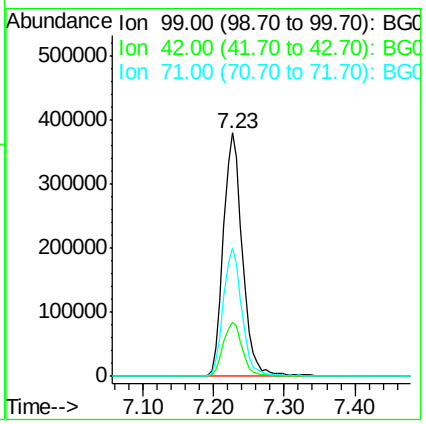


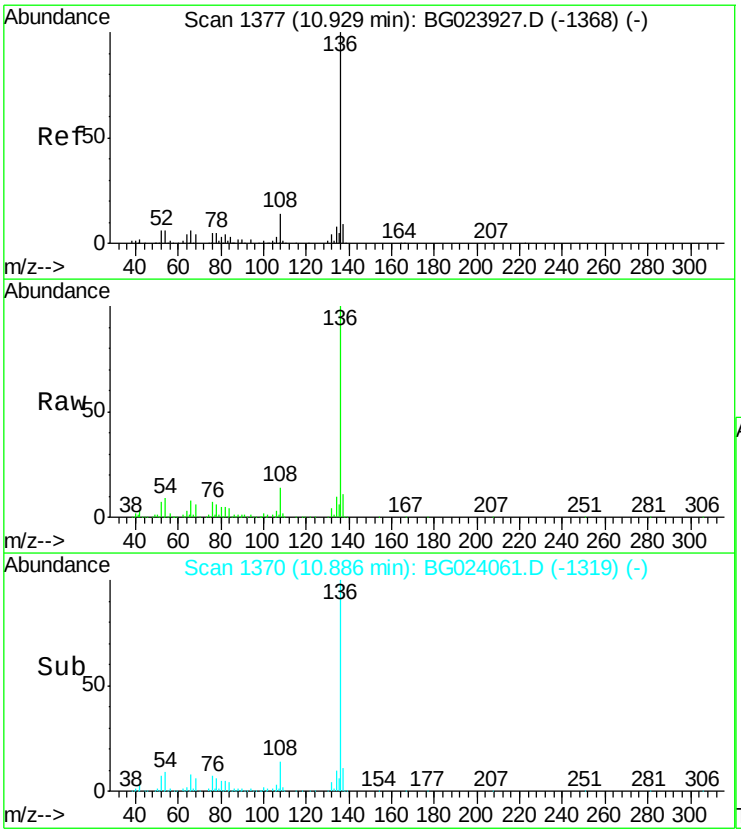
#7
Phenol-d6
Concen: 96.02 ng
RT: 7.23 min Scan# 747
Delta R.T. 0.01 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Instrument :
BNA_G
ClientSampleId :
YORK-TP1-03

Tgt Ion: 99 Resp: 713322

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.8	26.6
71	52.8	41.5	62.3

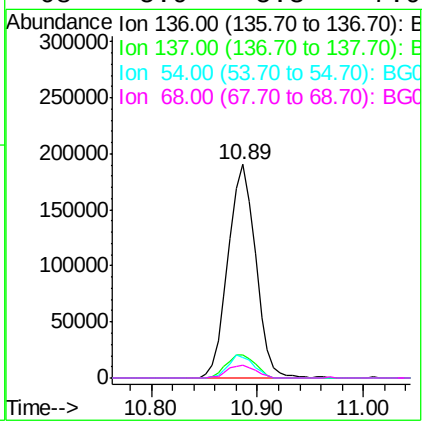


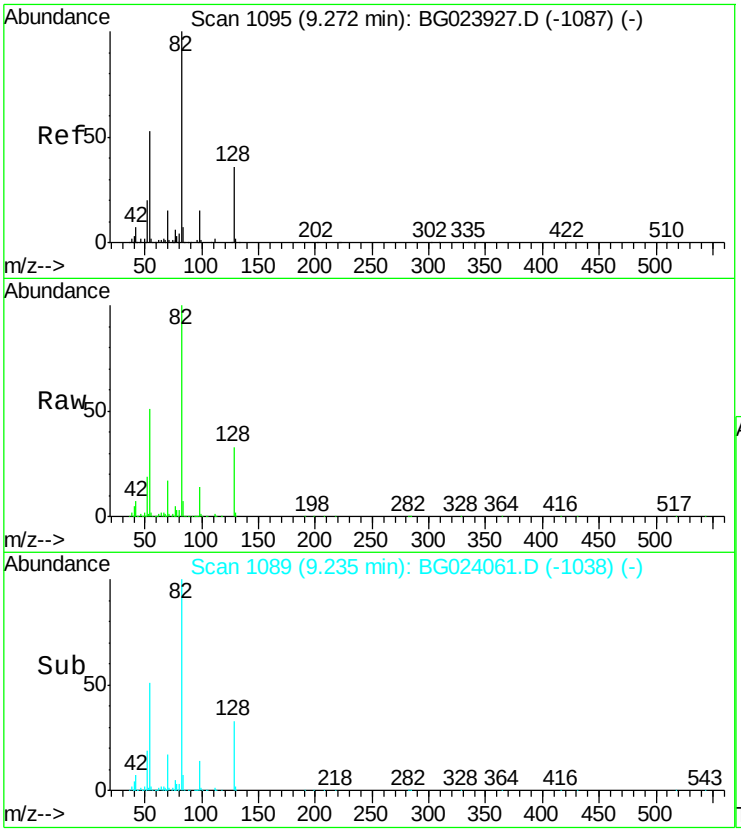


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Tgt Ion:136 Resp: 344082

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	9.4	7.3	10.9
68	5.9	5.3	7.9



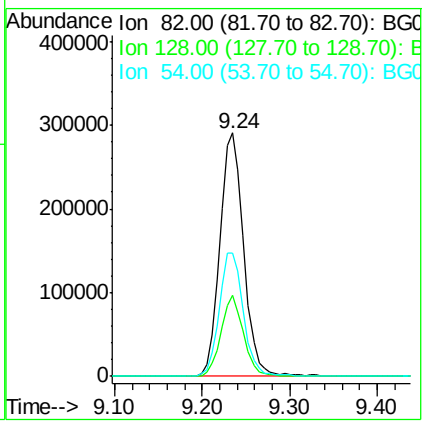


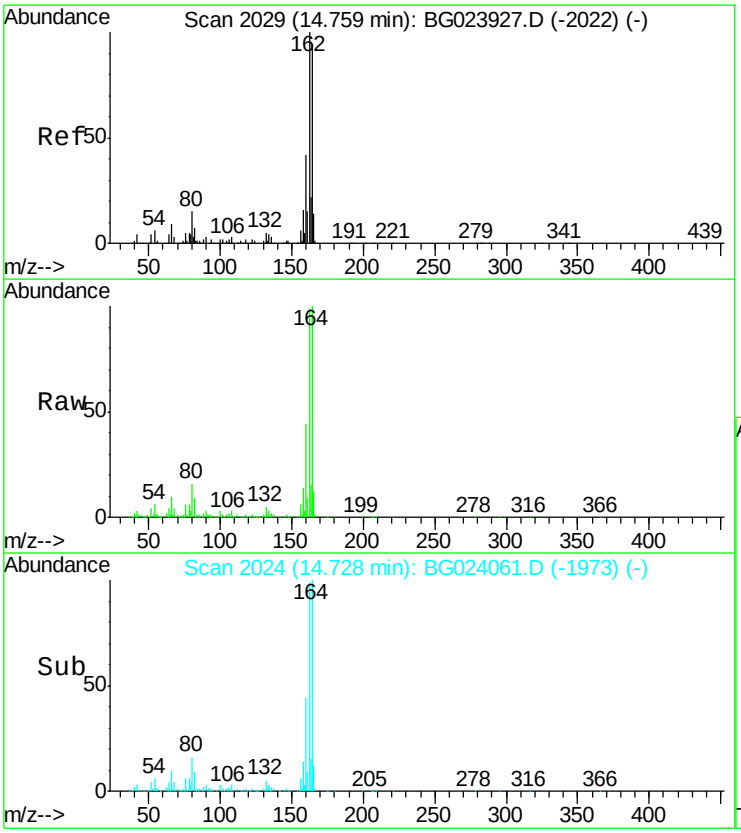
#23
Nitrobenzene-d5
Concen: 70.67 ng
RT: 9.24 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Instrument :
BNA_G
ClientSampleId :
YORK-TP1-03

Tgt Ion: 82 Resp: 544683

Ion	Ratio	Lower	Upper
82	100		
128	33.3	24.4	36.6
54	50.8	41.4	62.0

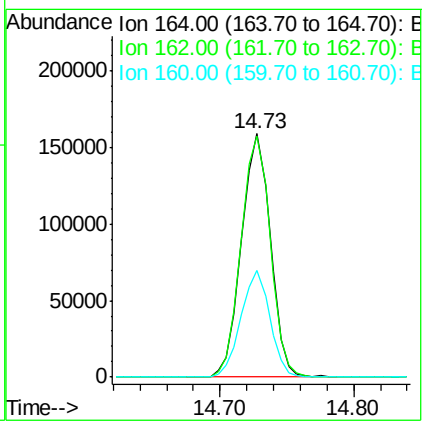


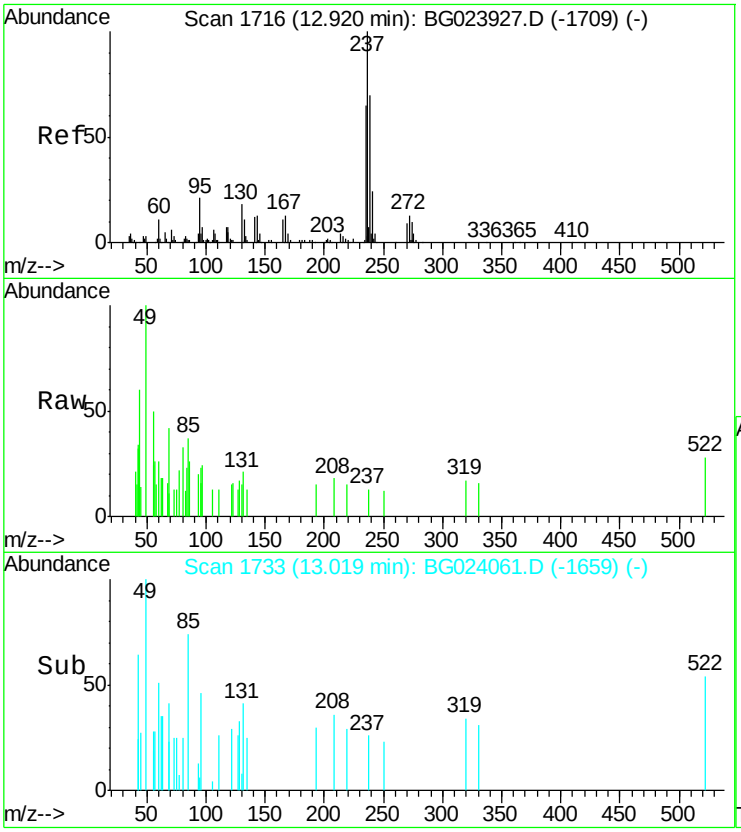


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Tgt Ion:164 Resp: 237425

Ion	Ratio	Lower	Upper
164	100		
162	99.0	87.7	131.5
160	43.6	37.2	55.8



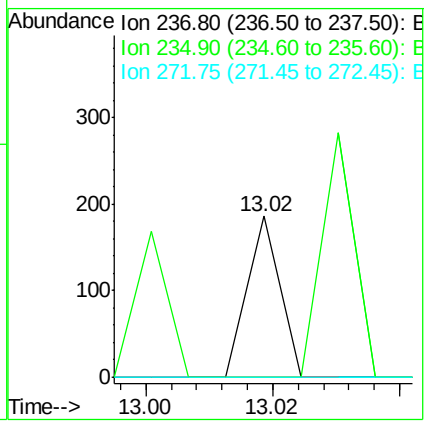


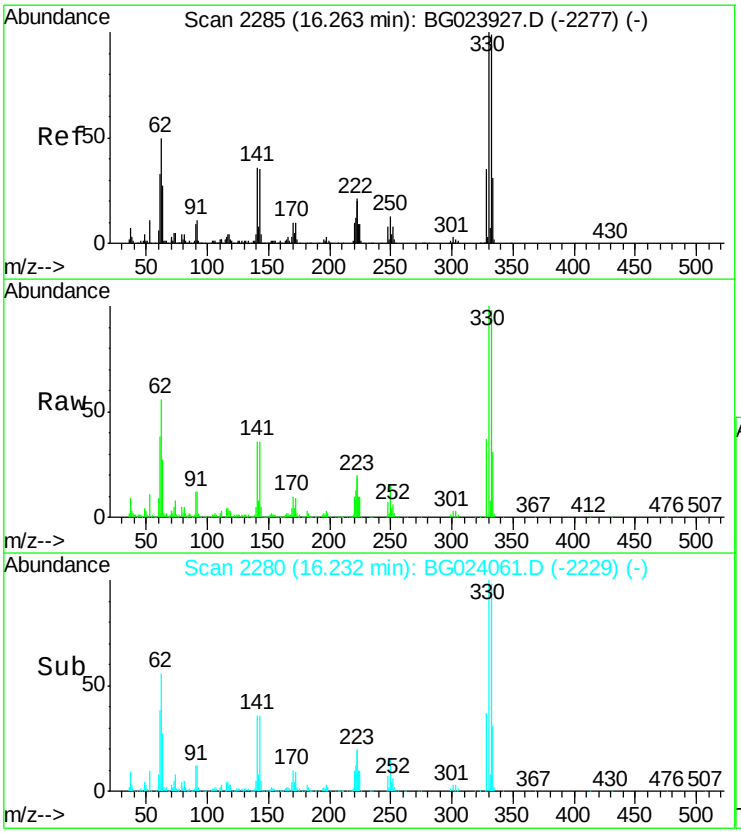
#40
Hexachlorocyclopentadiene
Concen: 7.09 ng
RT: 13.02 min Scan# 1733
Delta R.T. 0.14 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Instrument :
BNA_G
ClientSampleId :
YORK-TP1-03

Tgt Ion:237 Resp: 66

Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9

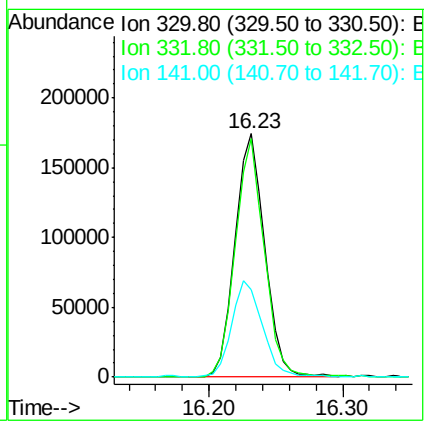


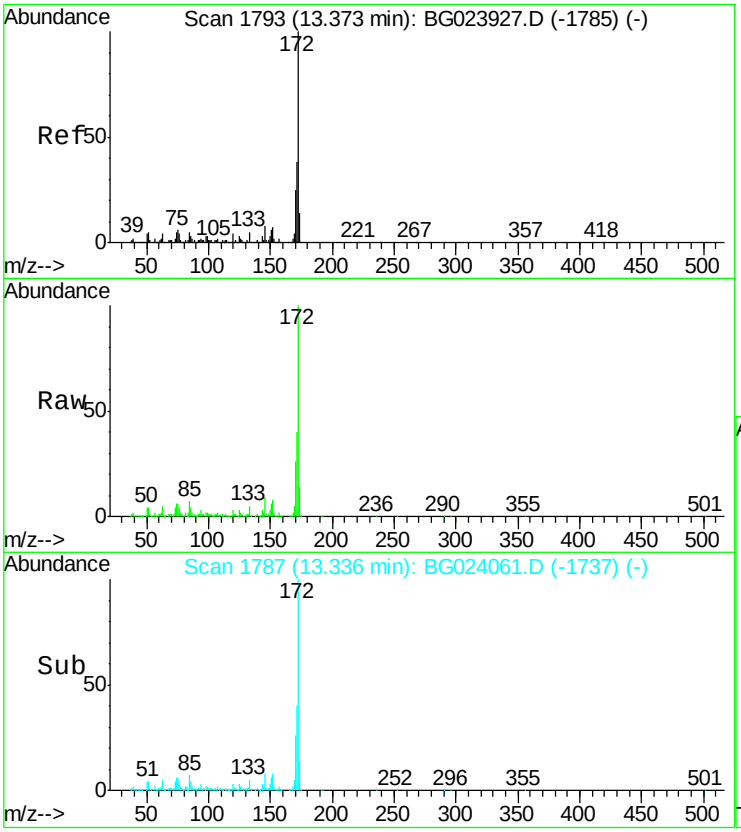


#41
2,4,6-Tribromophenol
Concen: 63.13 ng
RT: 16.23 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Tgt Ion:330 Resp: 270055

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	40.2	31.7	47.5



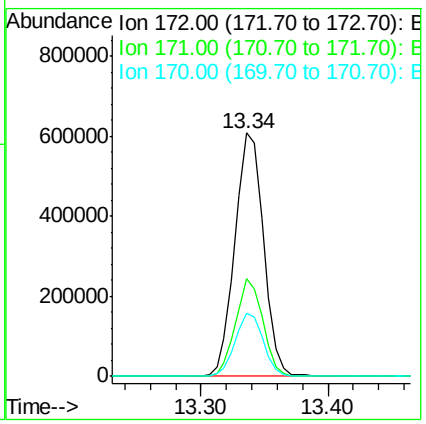


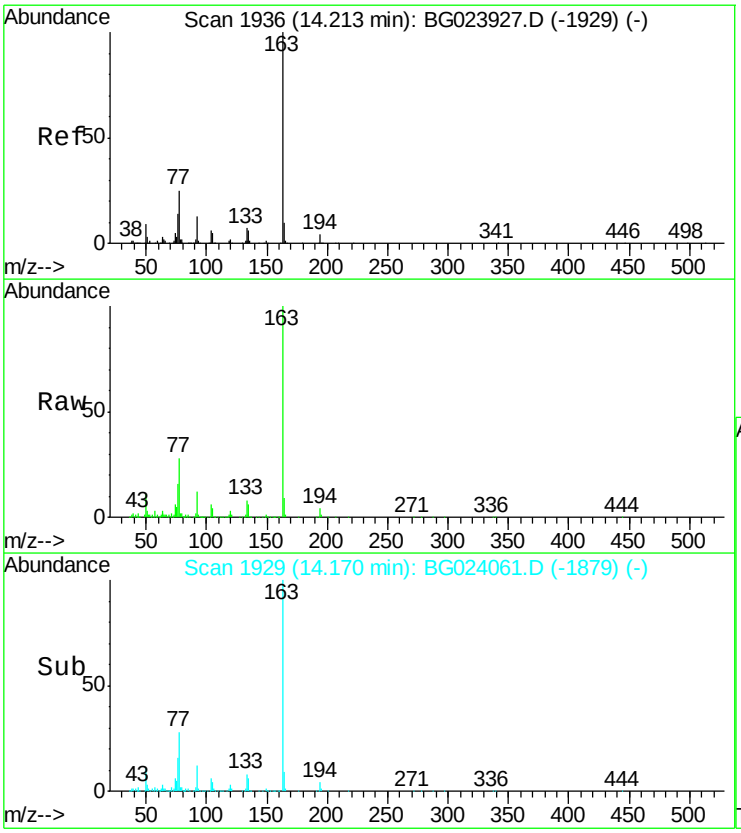
#44
2-Fluorobiphenyl
Concen: 57.50 ng
RT: 13.34 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Instrument :
BNA_G
ClientSampleId :
YORK-TP1-03

Tgt Ion:172 Resp: 952282

Ion	Ratio	Lower	Upper
172	100		
171	39.9	31.6	47.4
170	25.8	21.3	31.9

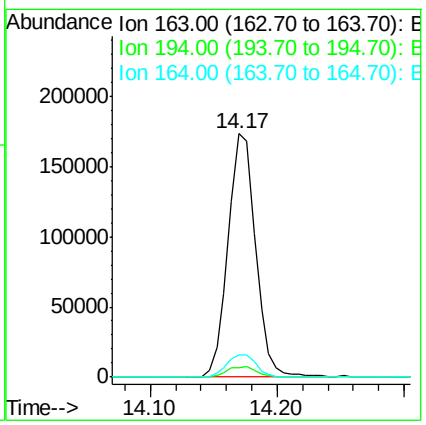


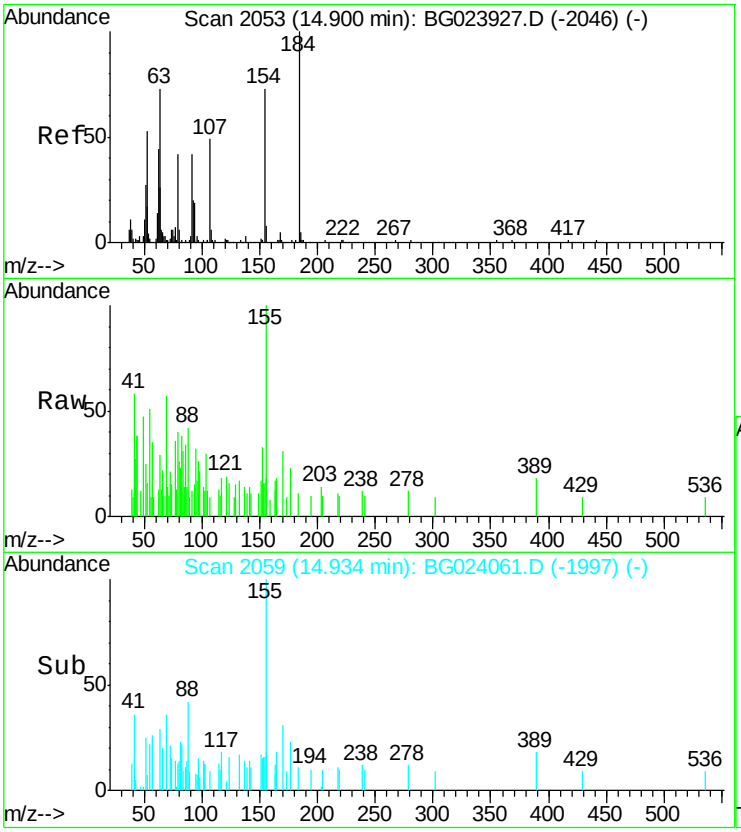


#49
Dimethylphthalate
Concen: 12.75 ng
RT: 14.17 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Tgt Ion:163 Resp: 259583

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	8.9	8.1	12.1



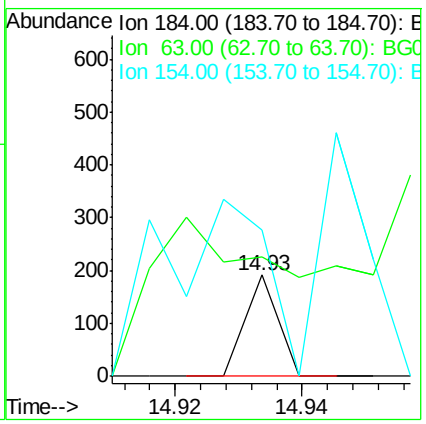


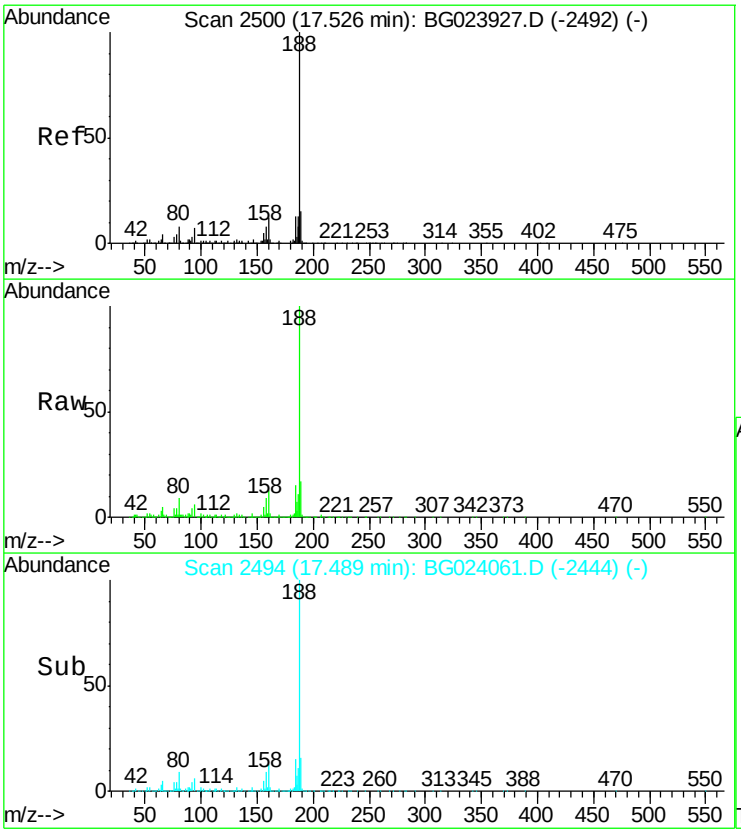
#53
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.93 min Scan# 2059
Delta R.T. 0.06 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Instrument :
BNA_G
ClientSampleId :
YORK-TP1-03

Tgt Ion:184 Resp: 67

Ion	Ratio	Lower	Upper
184	100		
63	117.8	59.6	89.4#
154	145.0	67.4	101.0#

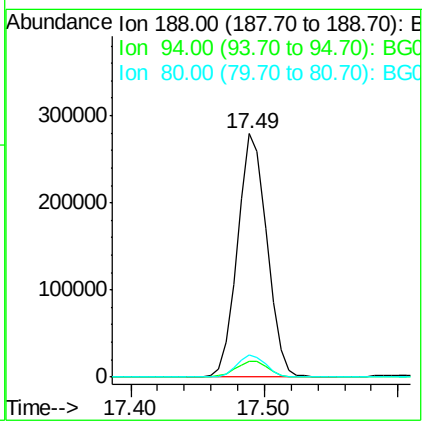


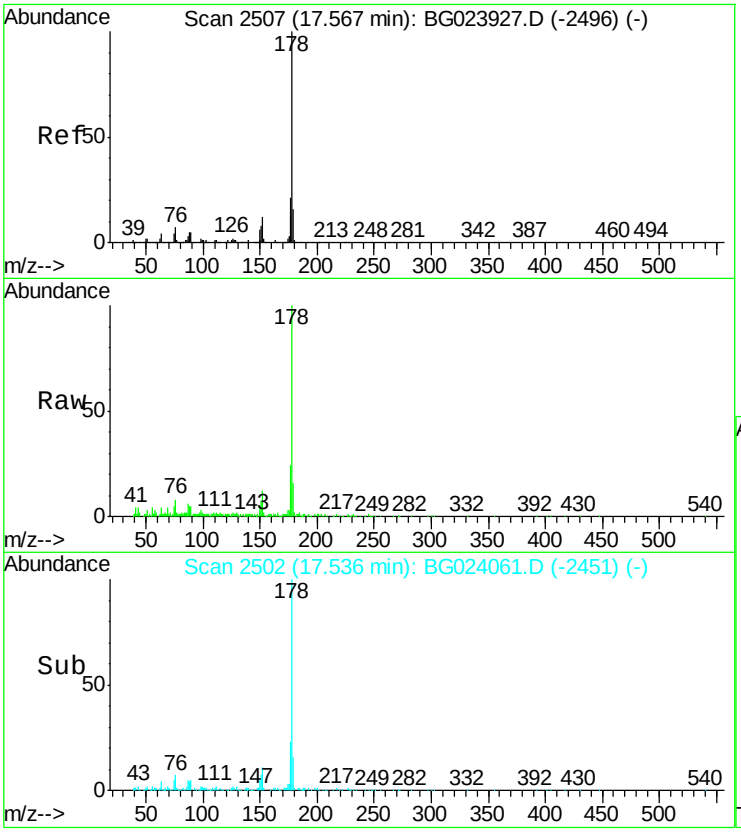


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Tgt Ion:188 Resp: 424580

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.2	7.8
80	9.3	7.2	10.8



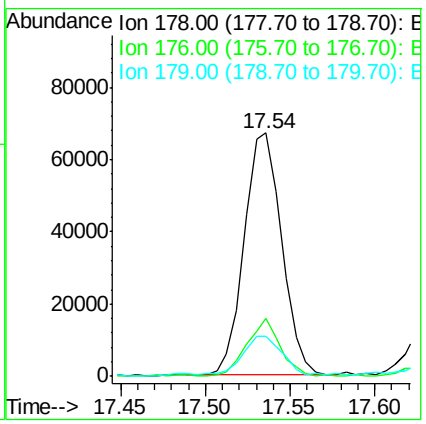


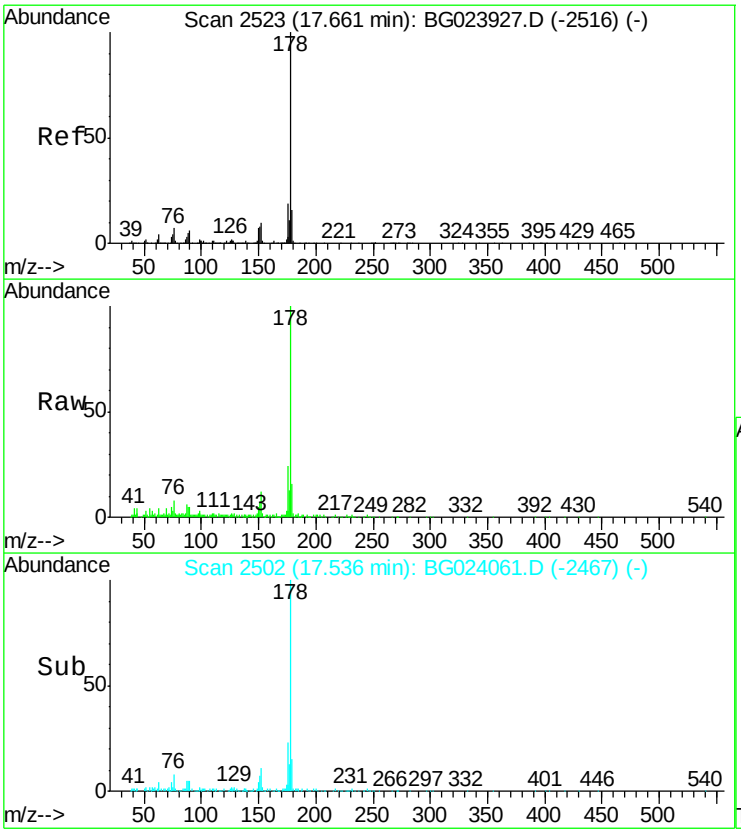
#70
Phenanthrene
Concen: 4.72 ng
RT: 17.54 min Scan# 2502
Delta R.T. 0.00 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Instrument :
BNA_G
ClientSampleId :
YORK-TP1-03

Tgt Ion:178 Resp: 104246

Ion	Ratio	Lower	Upper
178	100		
176	23.6	16.8	25.2
179	16.2	14.3	21.5

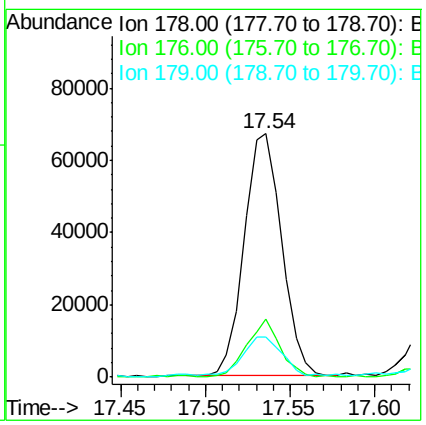


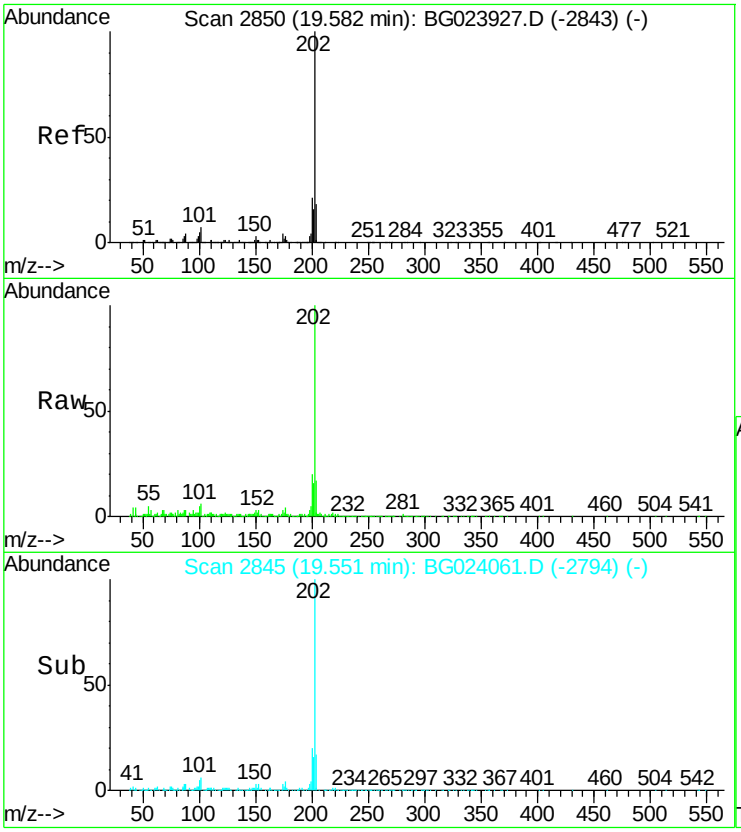


#71
Anthracene
Concen: 4.63 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.09 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Tgt Ion:178 Resp: 104246

Ion	Ratio	Lower	Upper
178	100		
176	23.6	17.3	25.9
179	16.2	14.0	21.0



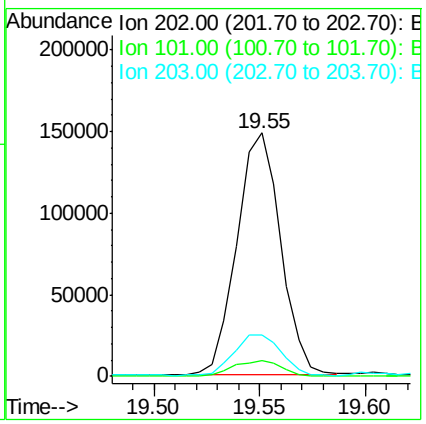


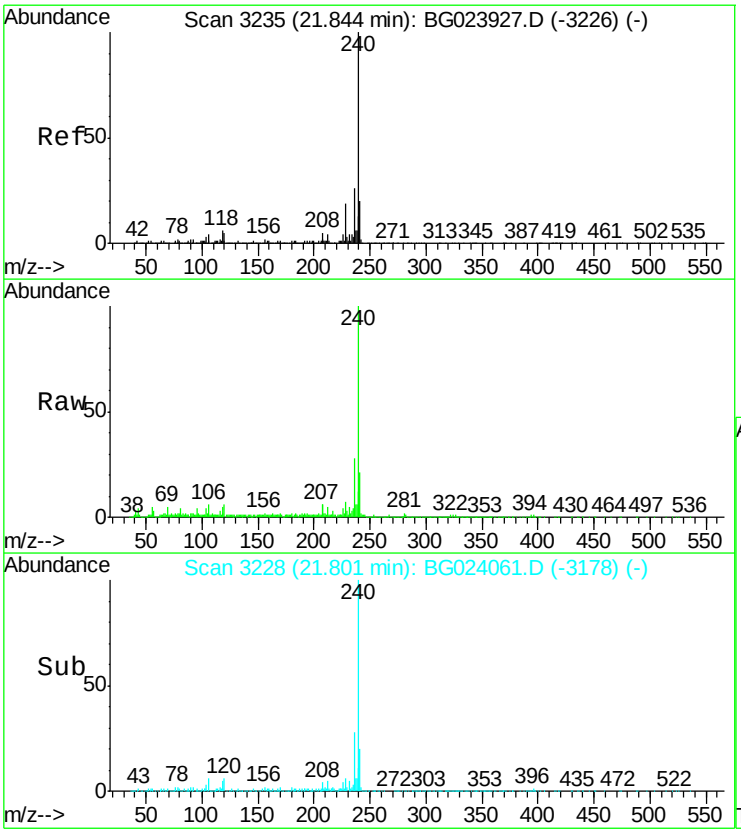
#74
Fluoranthene
Concen: 8.01 ng
RT: 19.55 min Scan# 2845
Delta R.T. 0.00 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Instrument :
BNA_G
ClientSampleId :
YORK-TP1-03

Tgt Ion:202 Resp: 212962

Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	27.4
203	16.8	1.7	41.7

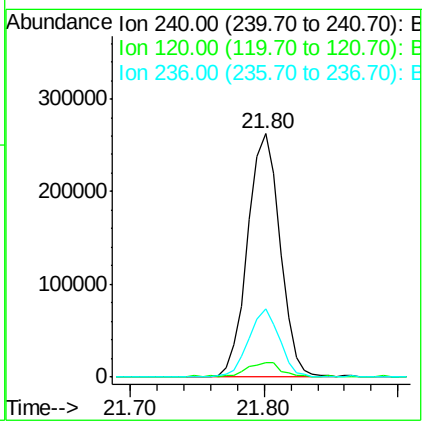


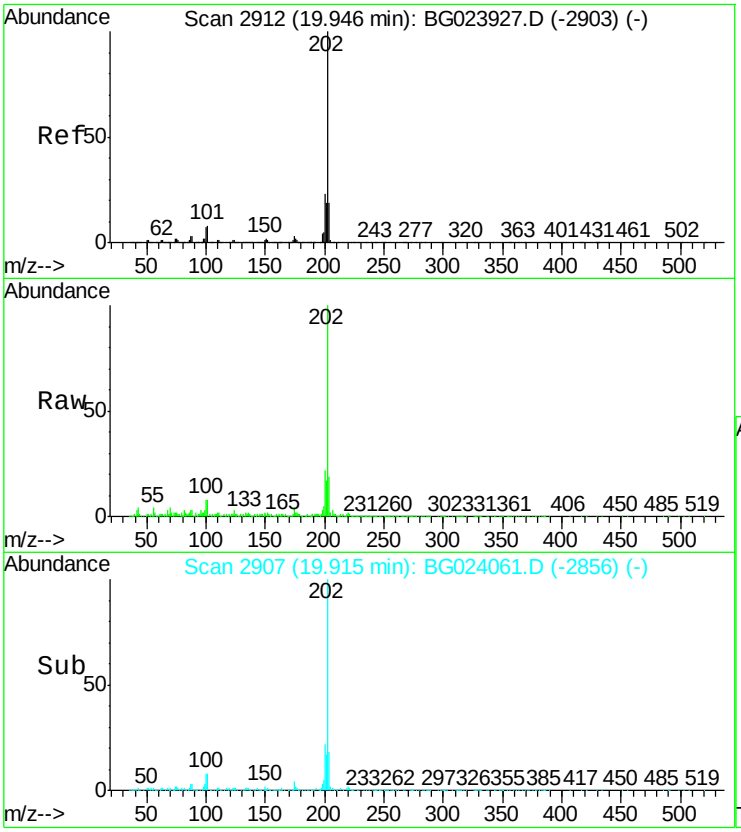


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Tgt Ion:240 Resp: 437022

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.1	6.1
236	28.2	21.1	31.7



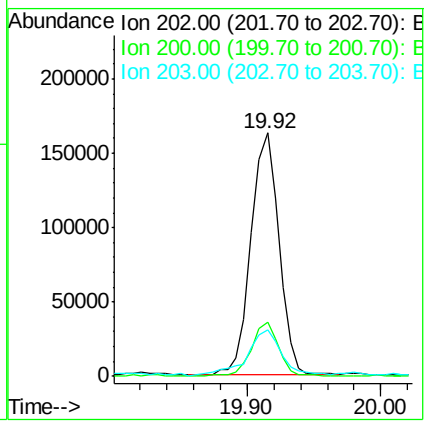


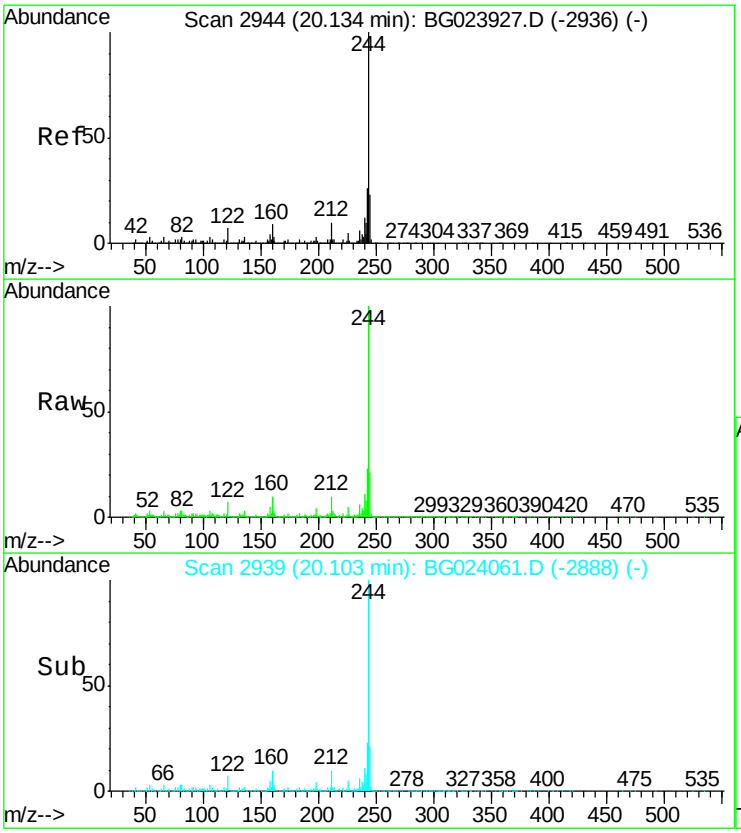
#77
Pyrene
Concen: 8.73 ng
RT: 19.92 min Scan# 2907
Delta R.T. 0.00 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Instrument :
BNA_G
ClientSampleId :
YORK-TP1-03

Tgt Ion:202 Resp: 234677

Ion	Ratio	Lower	Upper
202	100		
200	22.1	21.2	31.8
203	18.9	16.8	25.2

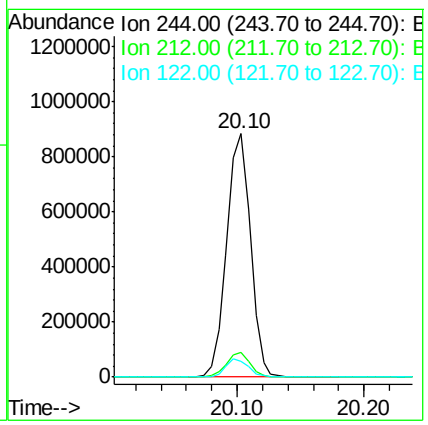


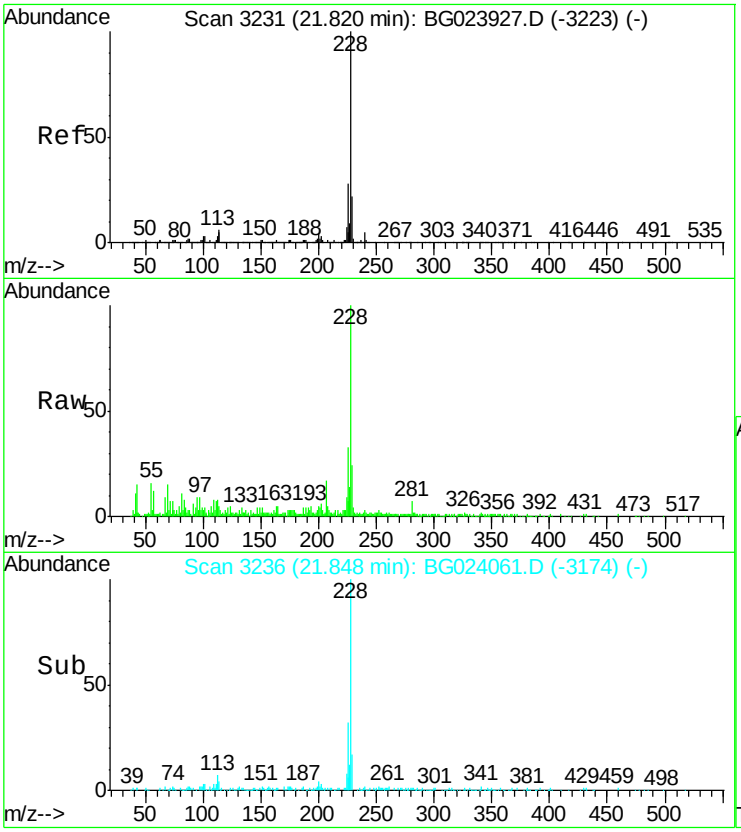


#78
Terphenyl-d14
Concen: 59.76 ng
RT: 20.10 min Scan# 2939
Delta R.T. 0.00 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Tgt Ion:244 Resp: 1146731

Ion	Ratio	Lower	Upper
244	100		
212	10.0	10.8	16.2#
122	6.7	8.0	12.0#



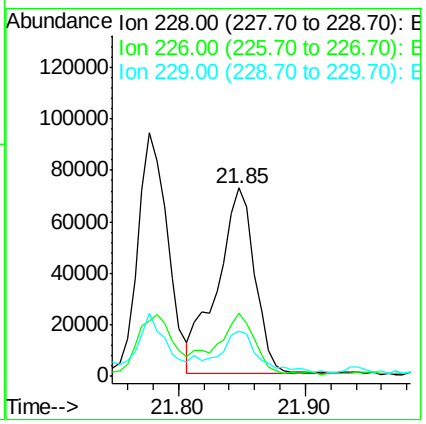


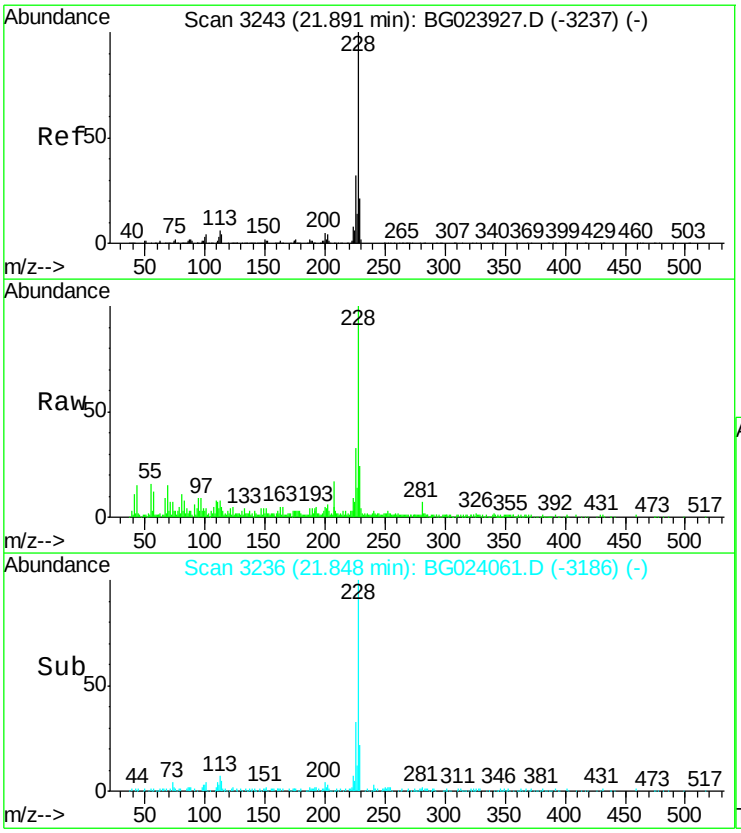
#80
Benzo(a)anthracene
Concen: 6.06 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.06 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Instrument :
BNA_G
ClientSampleId :
YORK-TP1-03

Tgt Ion:228 Resp: 148228

Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.3	37.9
229	23.8	19.9	29.9

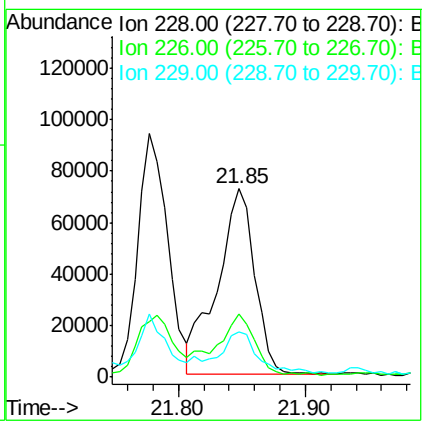


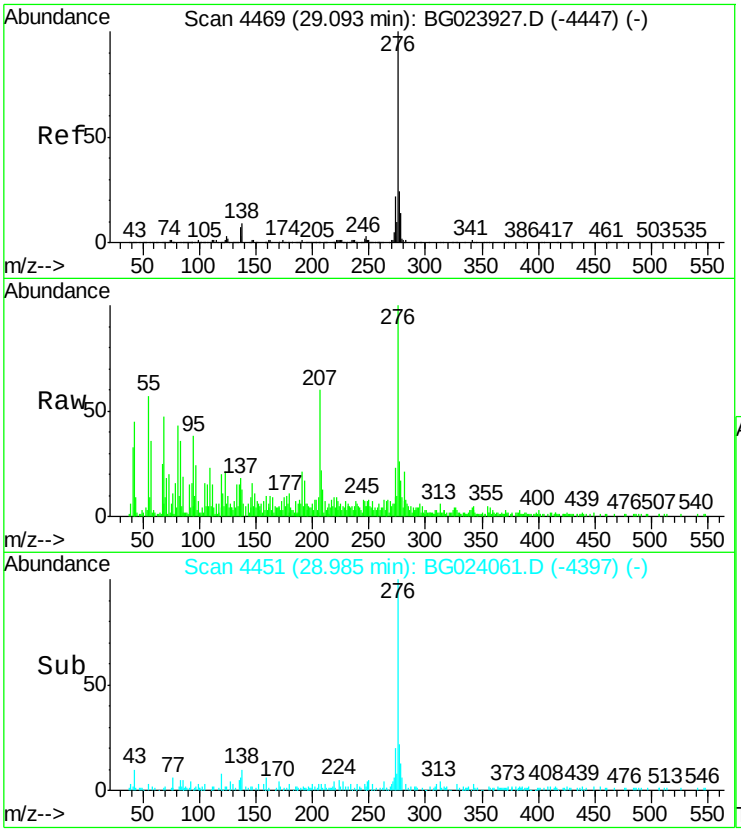


#82
Chrysene
Concen: 6.37 ng
RT: 21.85 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Tgt Ion:228 Resp: 148228

Ion	Ratio	Lower	Upper
228	100		
226	33.5	26.7	40.1
229	23.8	17.4	26.2



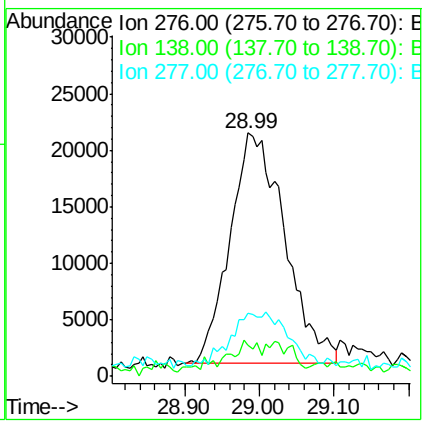


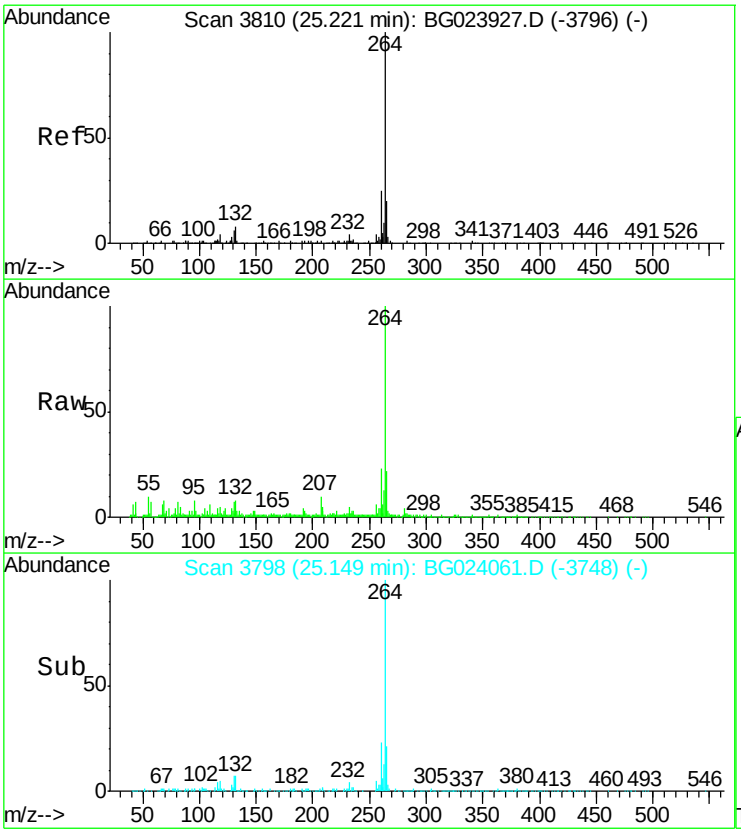
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.05 ng
RT: 28.99 min Scan# 4451
Delta R.T. 0.02 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Instrument :
BNA_G
ClientSampleId :
YORK-TP1-03

Tgt Ion:276 Resp: 104474

Ion	Ratio	Lower	Upper
276	100		
138	5.0	0.0	0.0#
277	13.0	0.0	0.0#

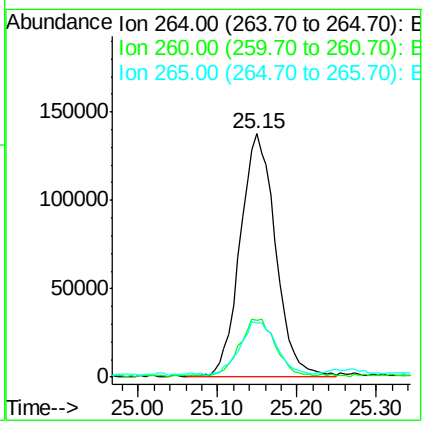


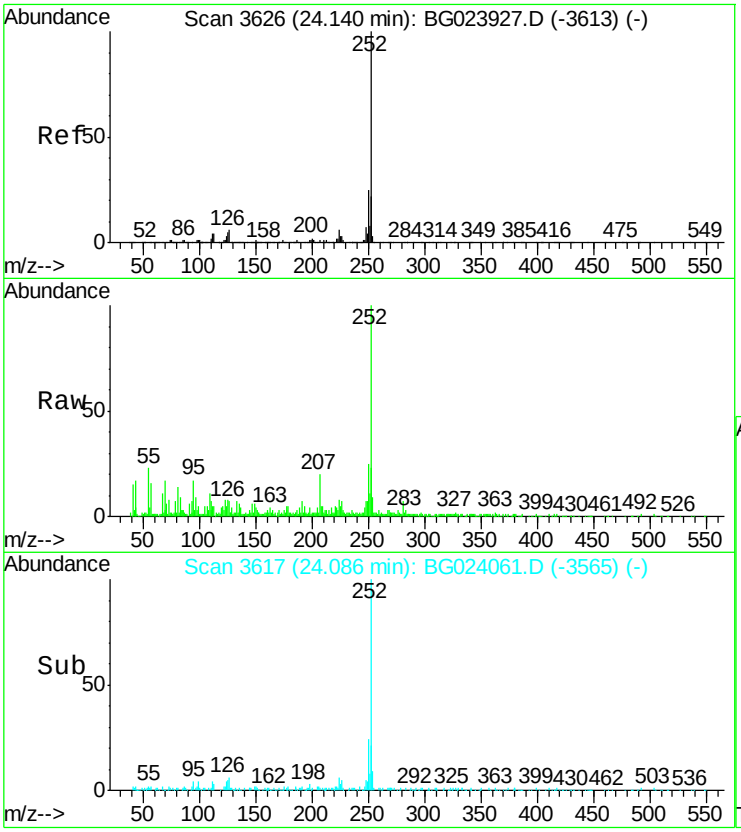


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.15 min Scan# 3798
Delta R.T. -0.01 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Tgt Ion:264 Resp: 422756

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	22.3	18.9	28.3



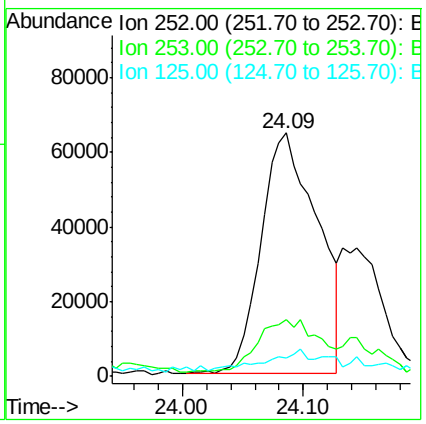


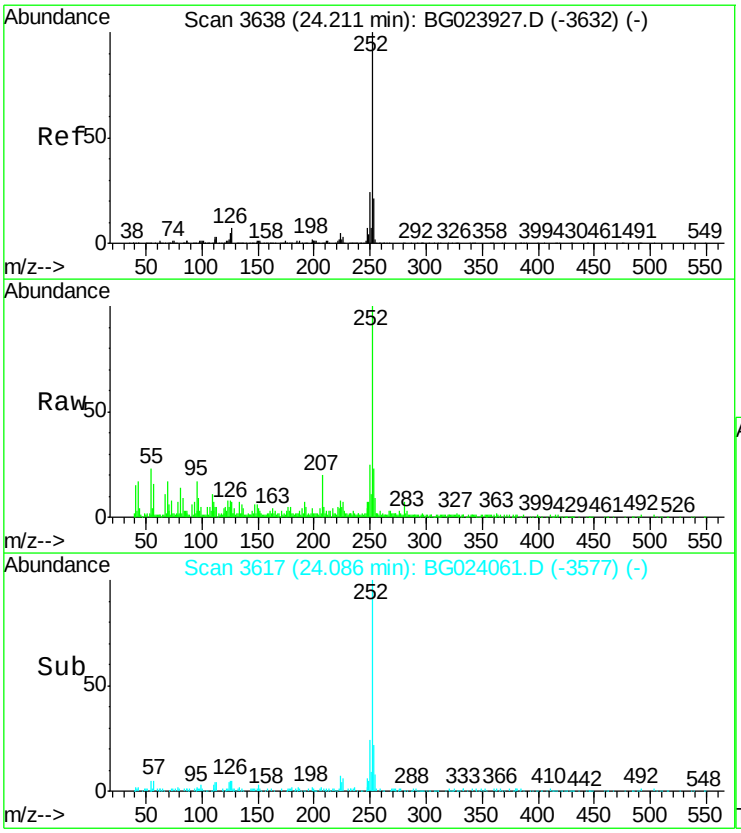
#87
Benzo(b)fluoranthene
Concen: 8.63 ng
RT: 24.09 min Scan# 3617
Delta R.T. 0.01 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Instrument :
BNA_G
ClientSampleId :
YORK-TP1-03

Tgt Ion:252 Resp: 207203

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.9	28.3
125	7.8	3.9	5.9#

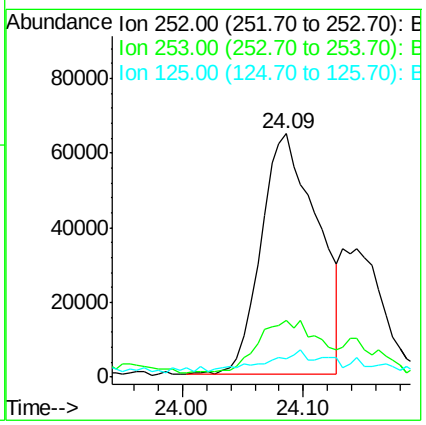


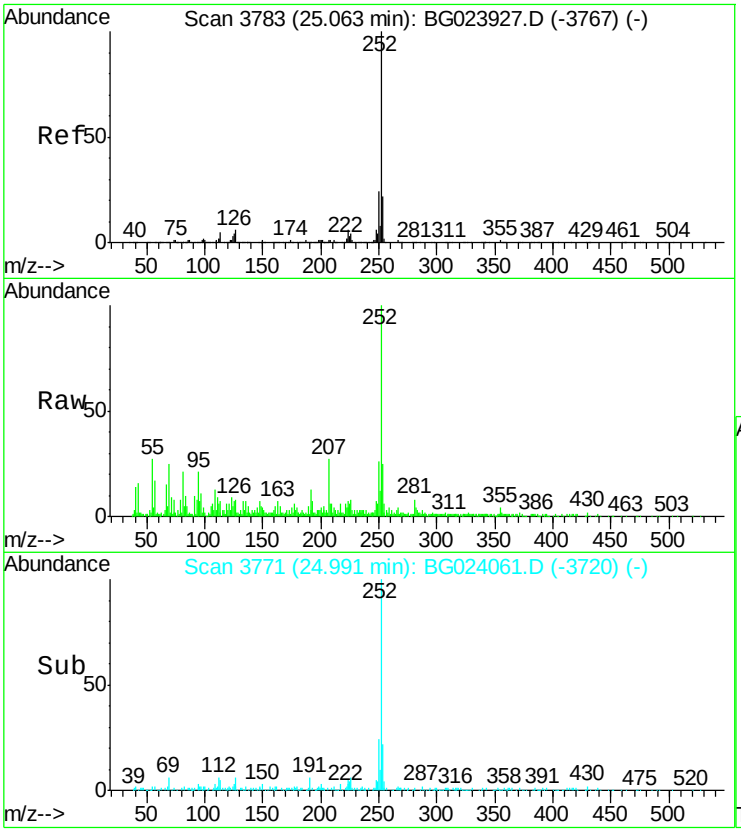


#88
Benzo(k)fluoranthene
Concen: 8.70 ng
RT: 24.09 min Scan# 3617
Delta R.T. -0.06 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Tgt Ion:252 Resp: 207203

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.8	28.2
125	7.8	3.2	4.8#



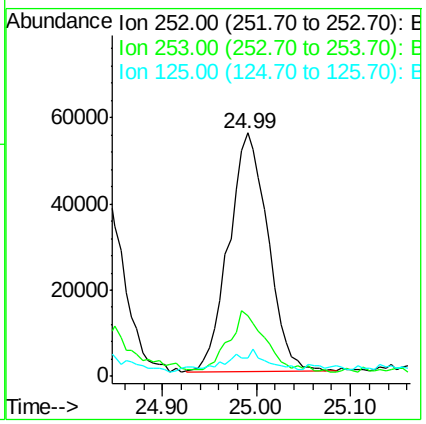


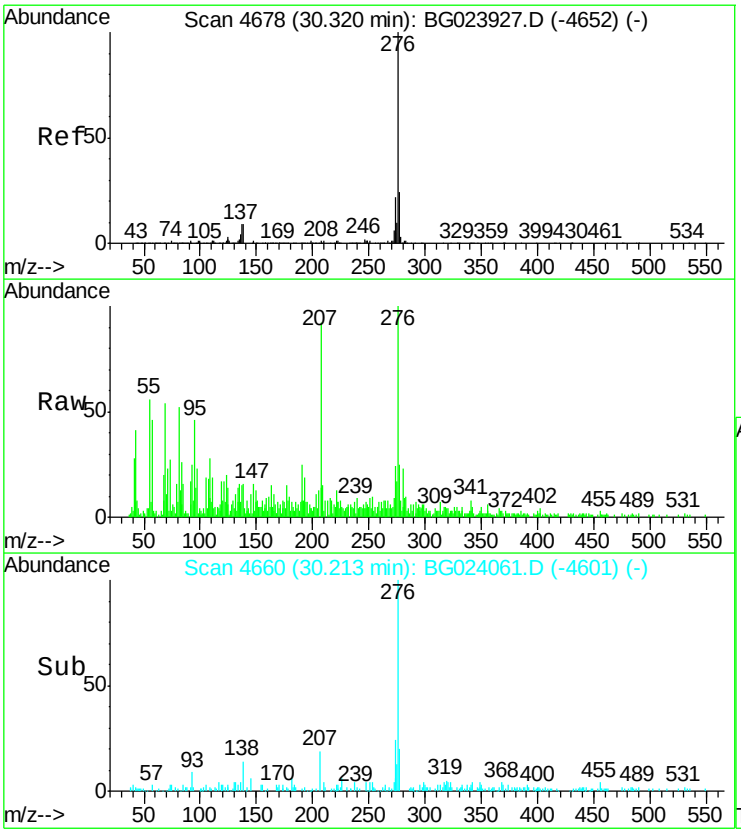
#89
Benzo(a)pyrene
Concen: 6.99 ng
RT: 24.99 min Scan# 3771
Delta R.T. 0.00 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Instrument :
BNA_G
ClientSampleId :
YORK-TP1-03

Tgt Ion:252 Resp: 159471

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.7	28.1
125	7.4	3.9	5.9#





#91
Benzo(g,h,i)perylene
Concen: 4.78 ng
RT: 30.21 min Scan# 4660
Delta R.T. 0.05 min
Lab File: BG024061.D
Acq: 21 Sep 2016 18:58

Tgt Ion:276 Resp: 103091

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	27.8
138	16.0	6.8	10.2#