Quantitation Report (Not 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 18:03:05 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
15) Benzyl Alcohol	8.38	79	12185	2.24	ng	#	68
40) Hexachlorocyclopentadiene	12.70	237	65	7.10	ng	#	26
49) Dimethylphthalate	14.17	163	315918	16.55	ng		99
53) 2,4-Dinitrophenol	14.83	184	73	6.53	ng	#	10
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	24.09	252	294275	12.04	ng	#	96
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 (Not 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 18:03:05 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
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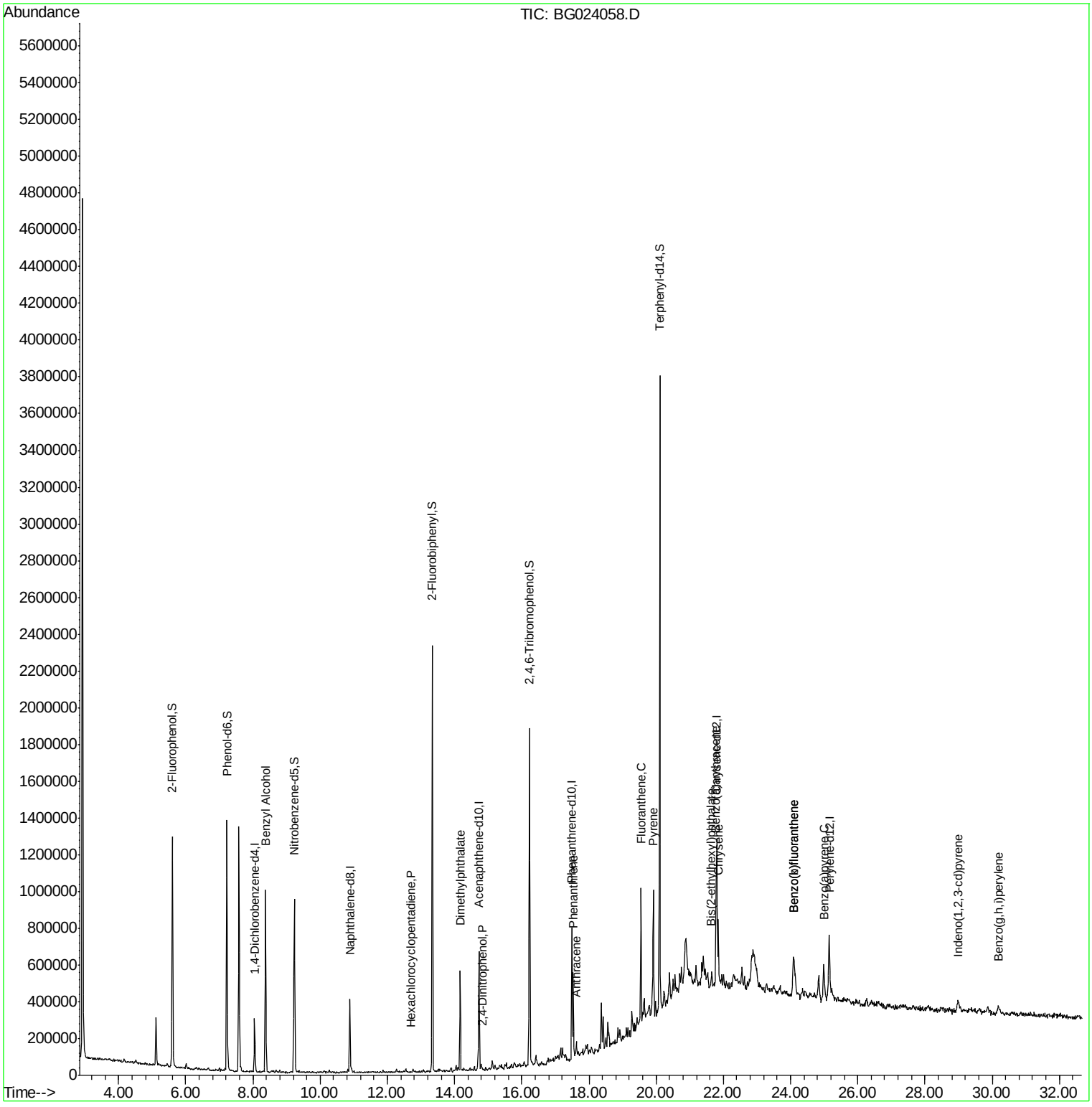
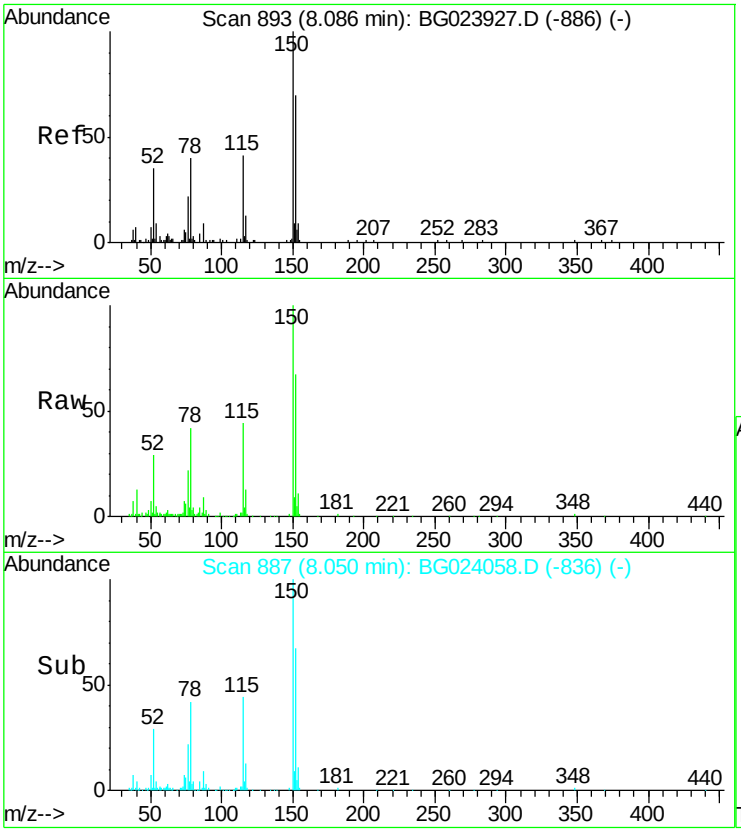


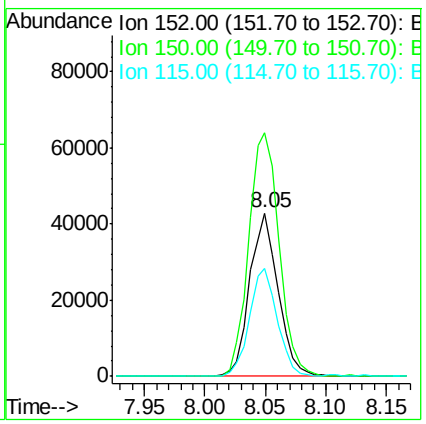


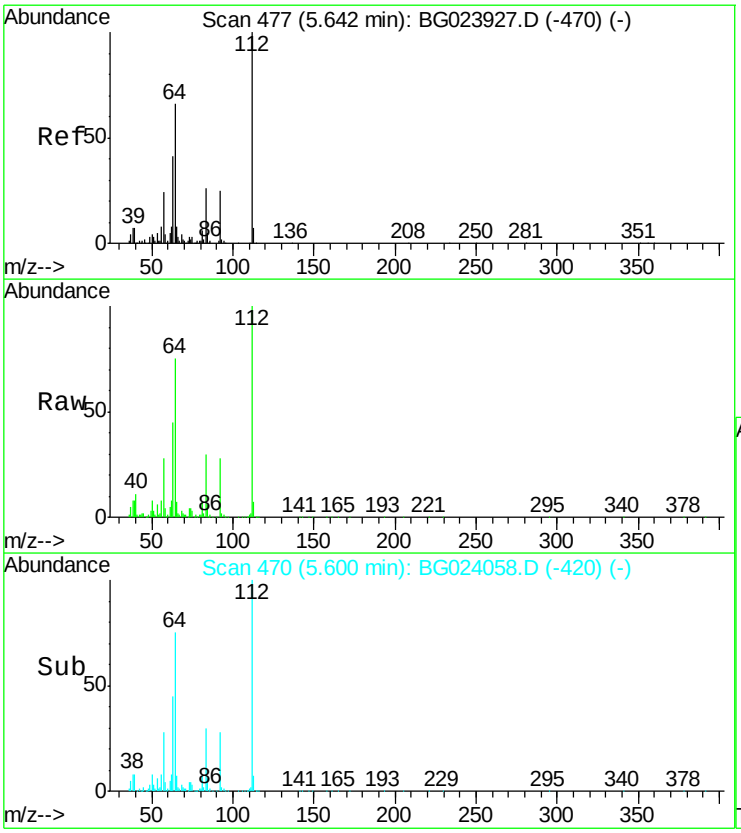
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. 0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

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

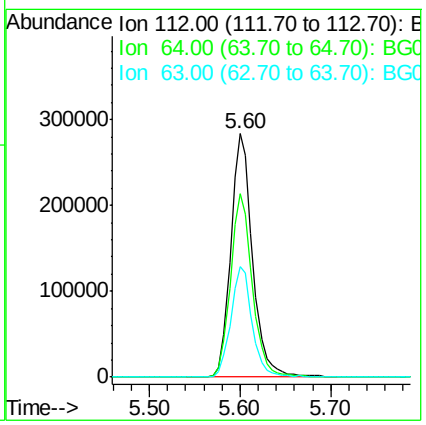


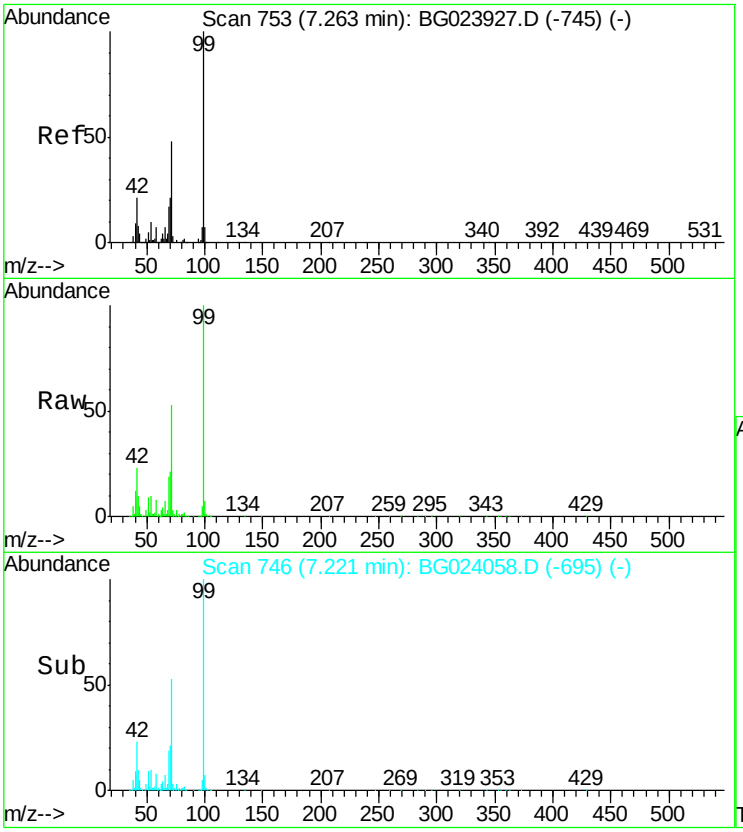


#5
2-Fluorophenol
Concen: 118.09 ng
RT: 5.60 min Scan# 470
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

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



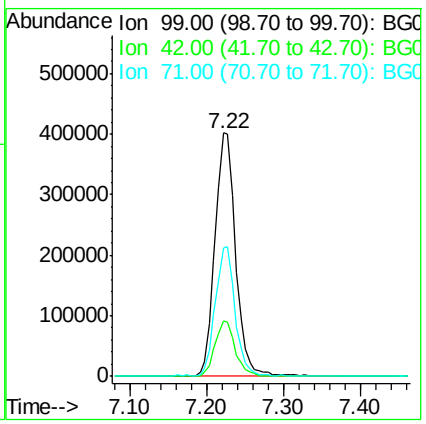


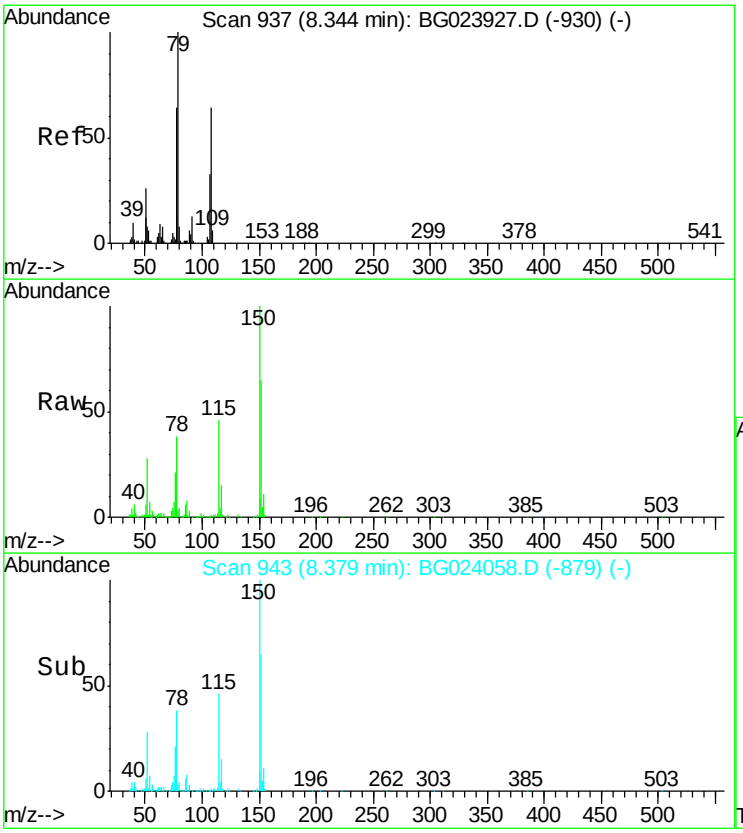
#7
Phenol-d6
Concen: 120.99 ng
RT: 7.22 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

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

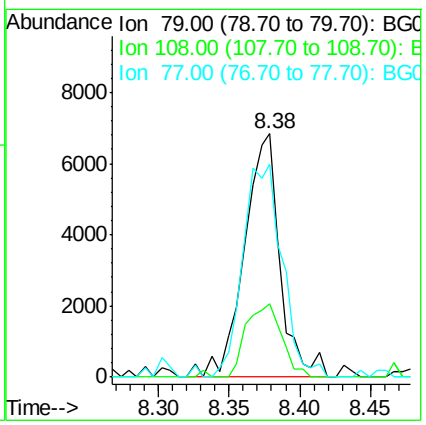


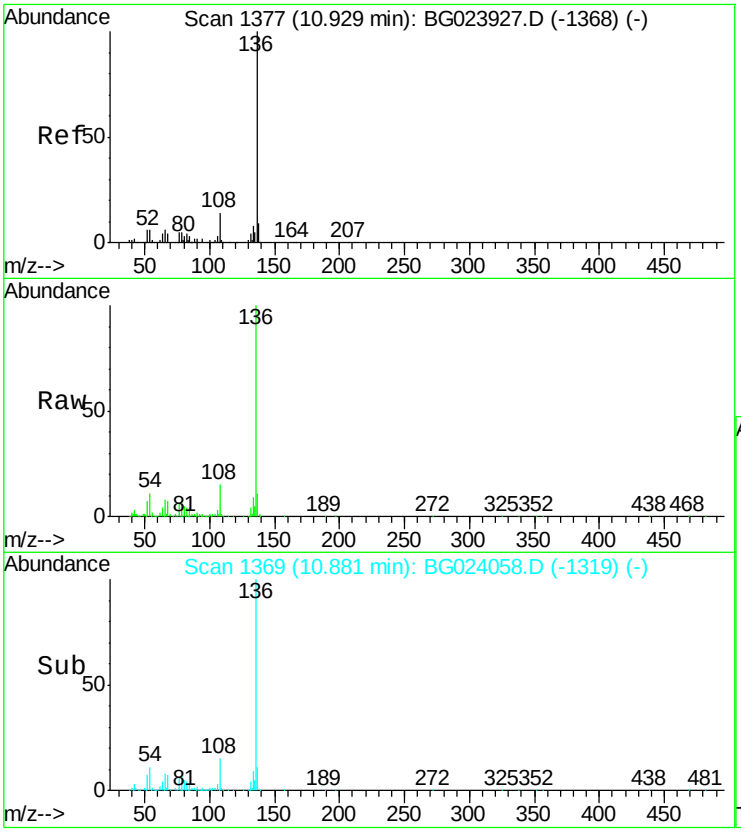


#15
Benzyl Alcohol
Concen: 2.24 ng
RT: 8.38 min Scan# 943
Delta R.T. 0.08 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Tgt Ion: 79 Resp: 12185

Ion	Ratio	Lower	Upper
79	100		
108	30.1	46.5	69.7#
77	87.3	52.3	78.5#



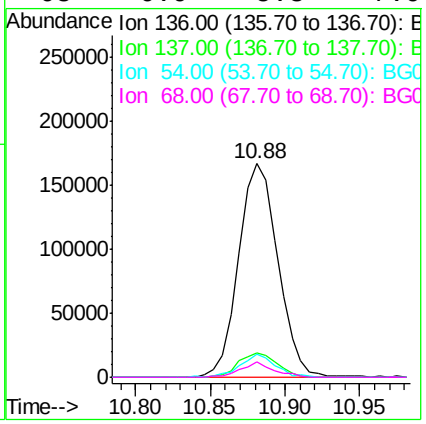


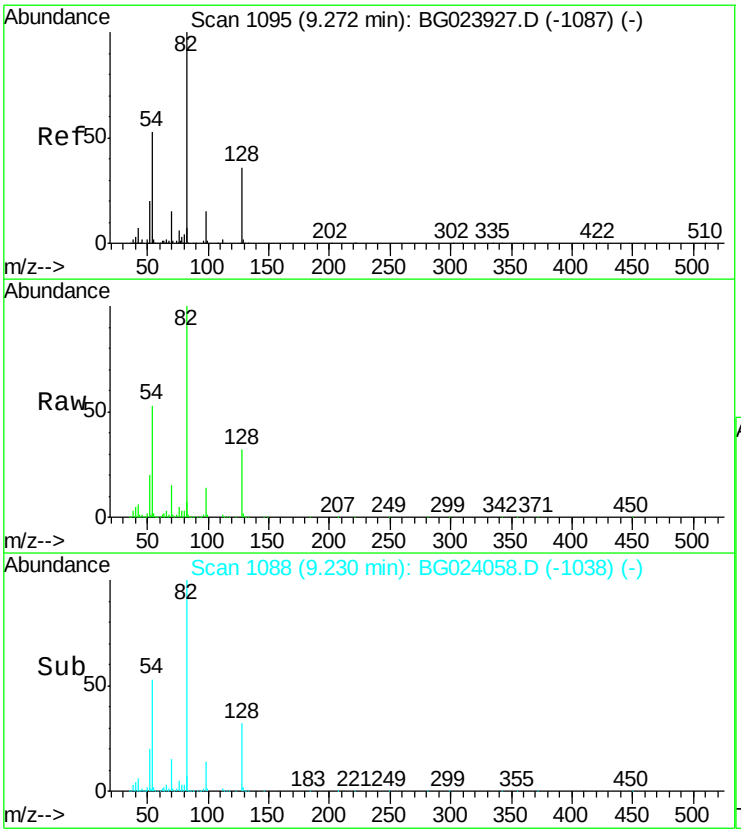
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

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

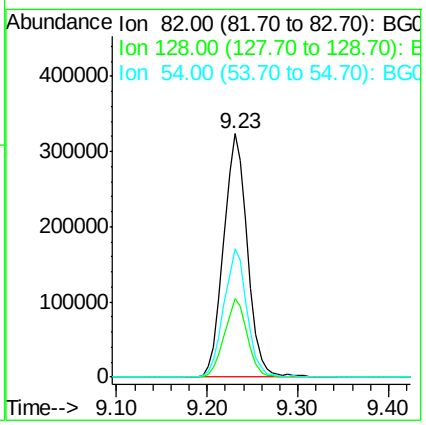


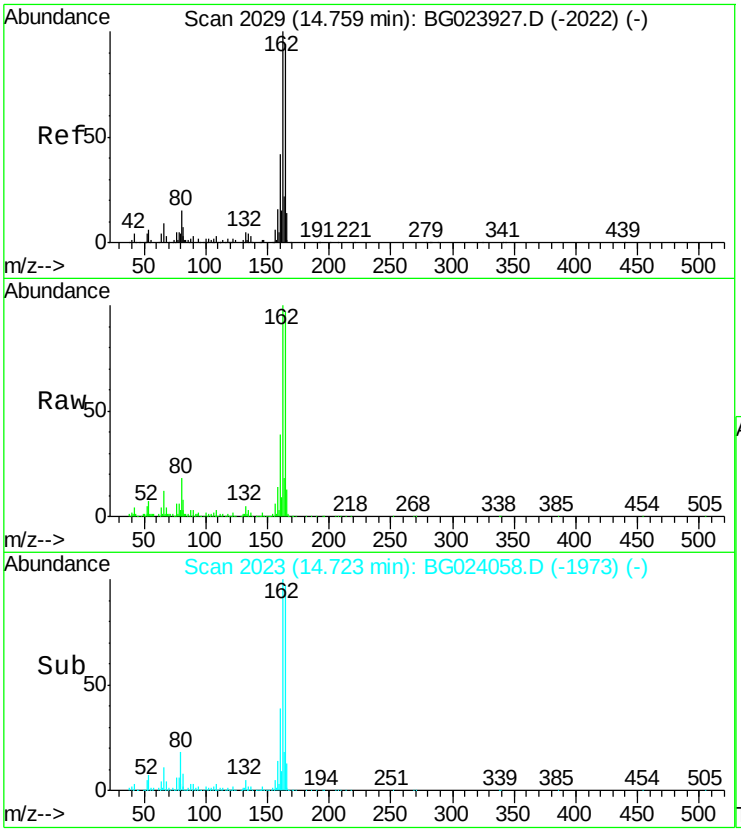


#23
Nitrobenzene-d5
Concen: 86.74 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

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



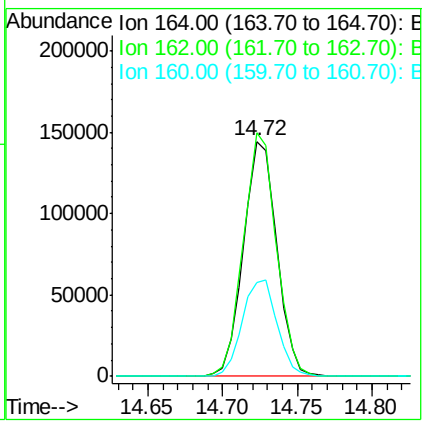


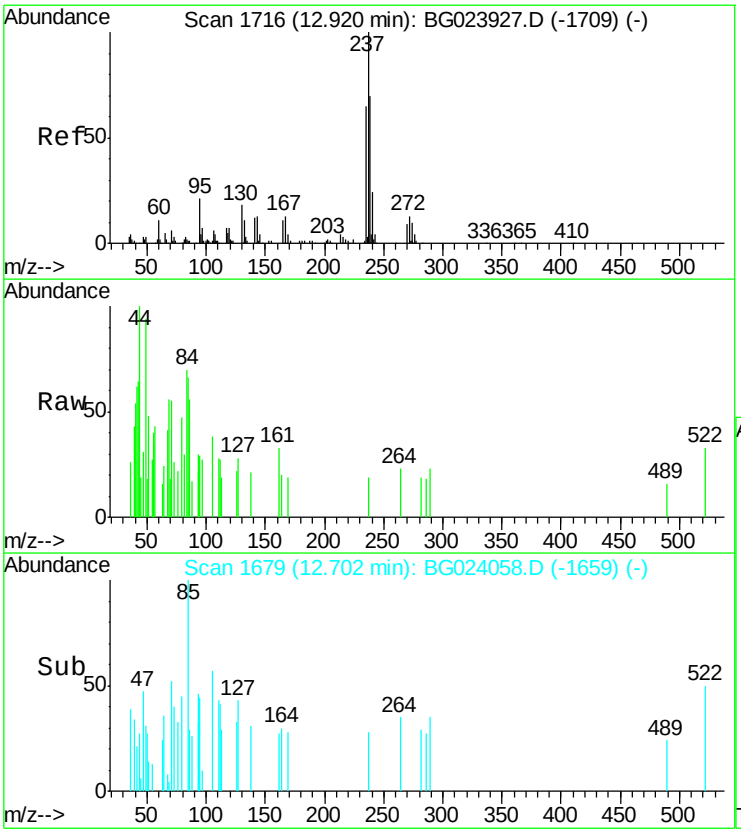
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

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

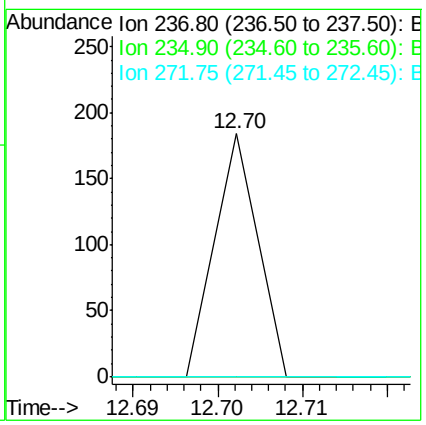


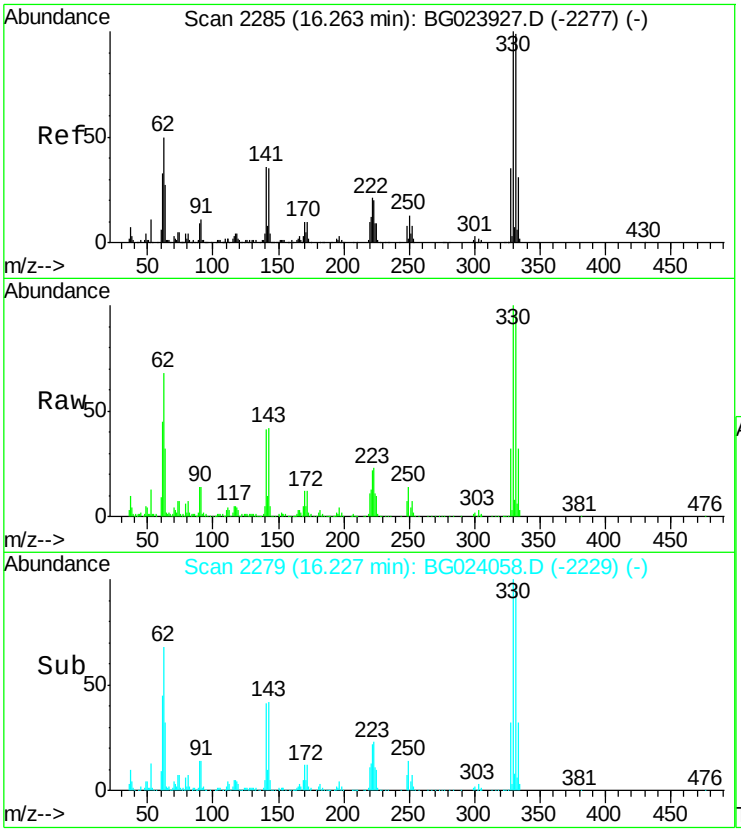


#40
Hexachlorocyclopentadiene
Concen: 7.10 ng
RT: 12.70 min Scan# 1679
Delta R.T. -0.18 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Tgt Ion:237 Resp: 65

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



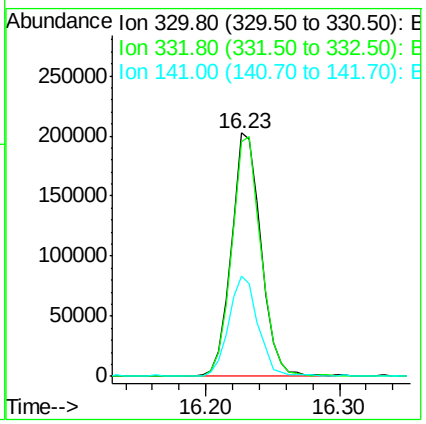


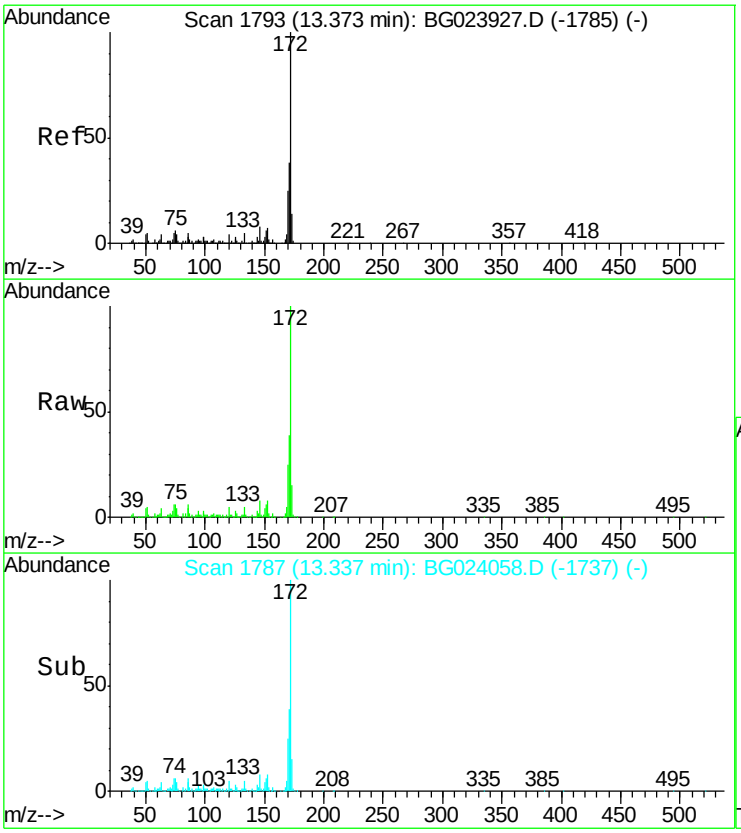
#41
2,4,6-Tribromophenol
Concen: 77.60 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

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

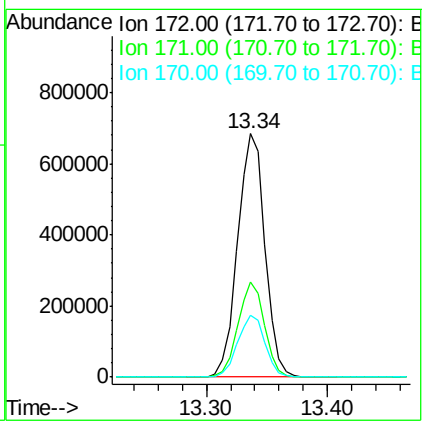


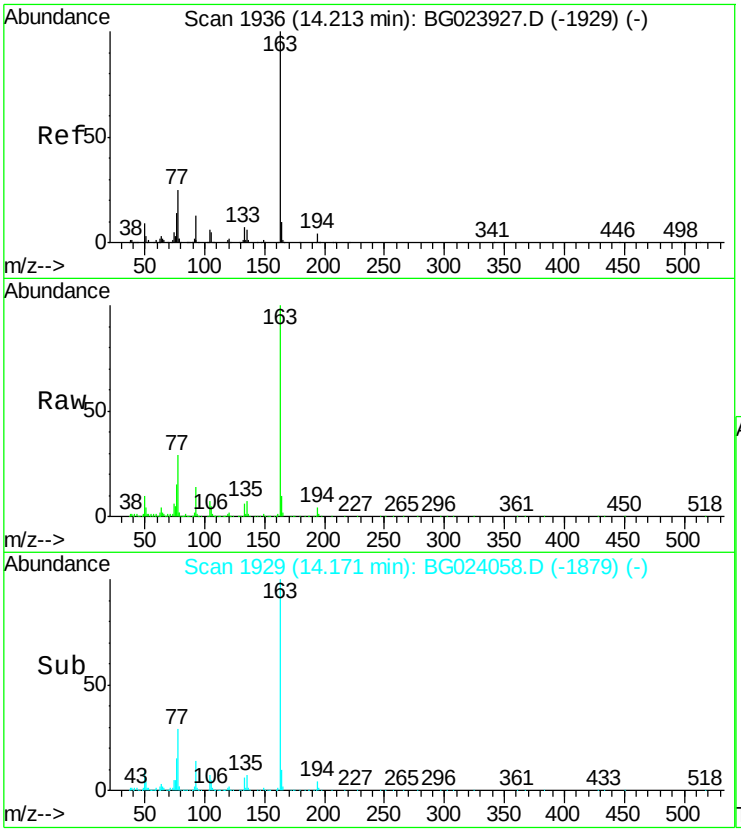


#44
2-Fluorobiphenyl
Concen: 69.37 ng
RT: 13.34 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

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



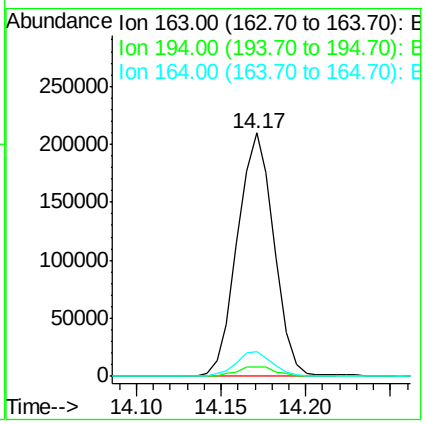


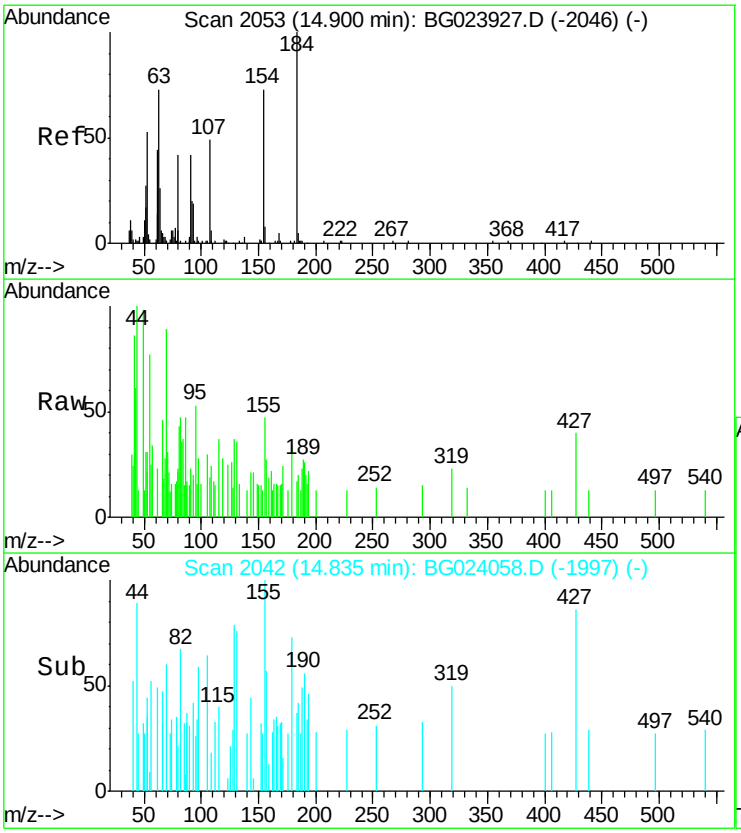
#49
Dimethylphthalate
Concen: 16.55 ng
RT: 14.17 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

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

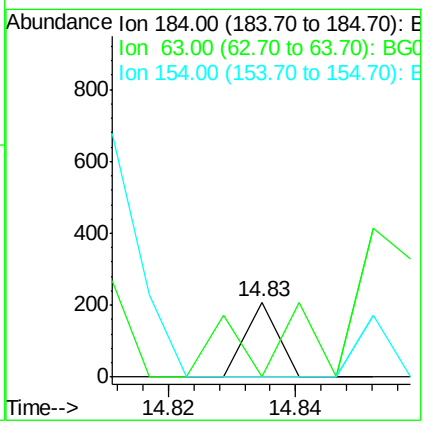


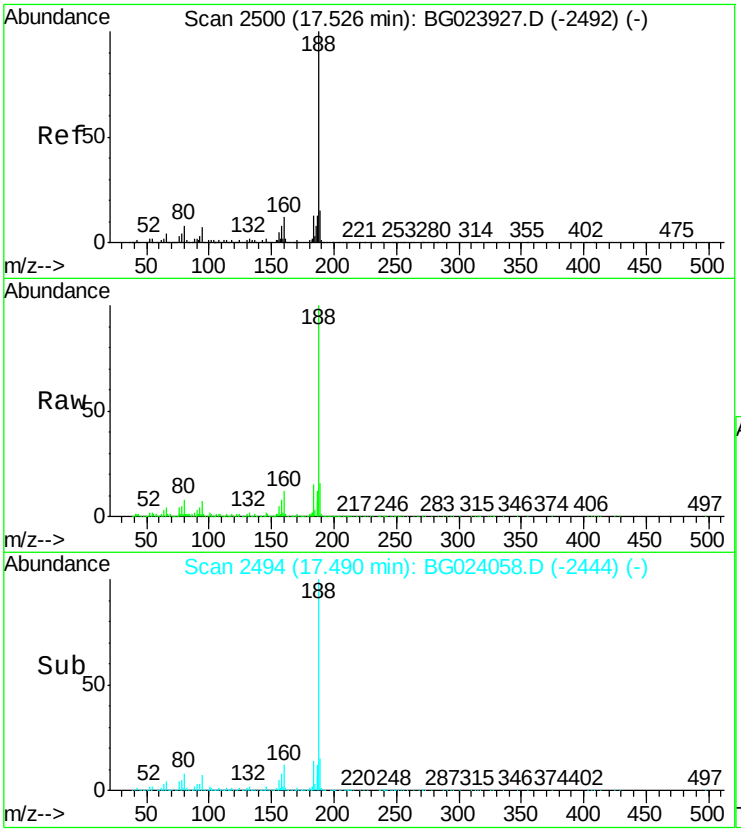


#53
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.83 min Scan# 2042
Delta R.T. -0.03 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Tgt Ion:184 Resp: 73

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.6	89.4#
154	0.0	67.4	101.0#



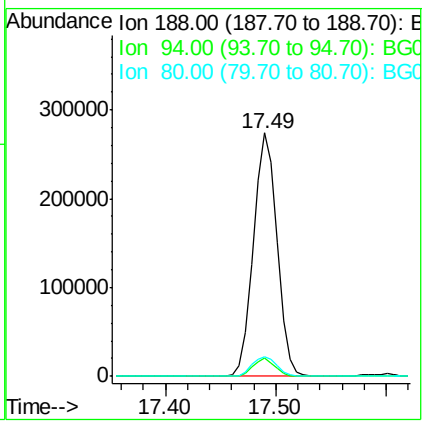


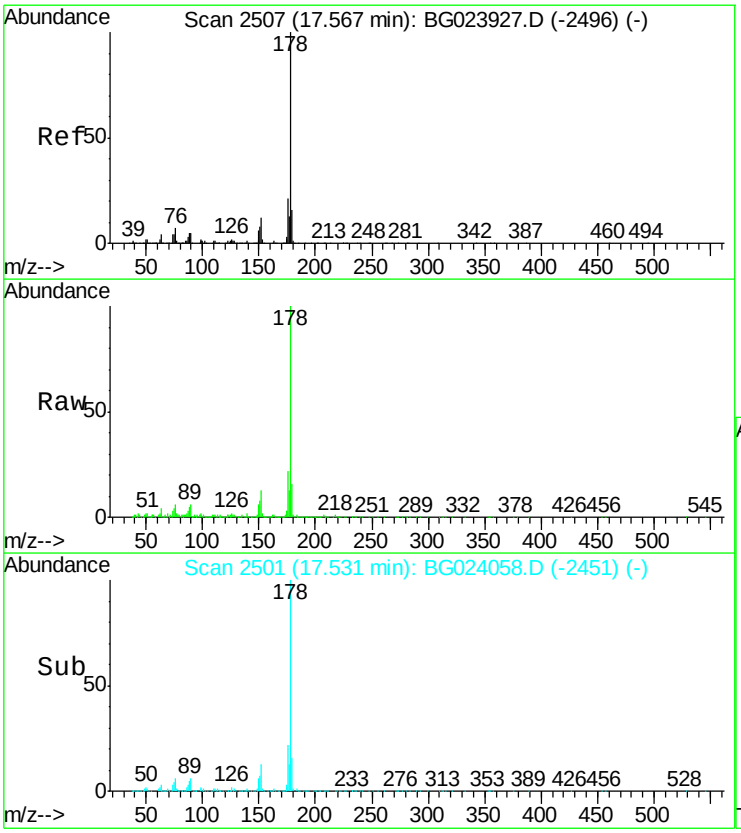
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

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

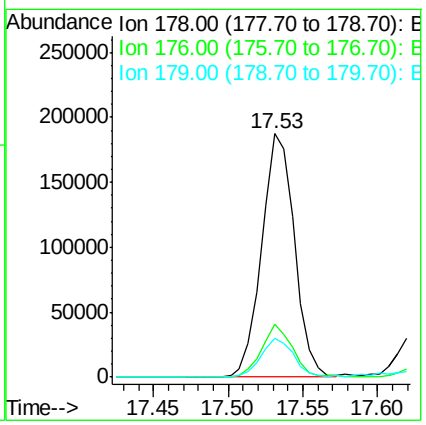


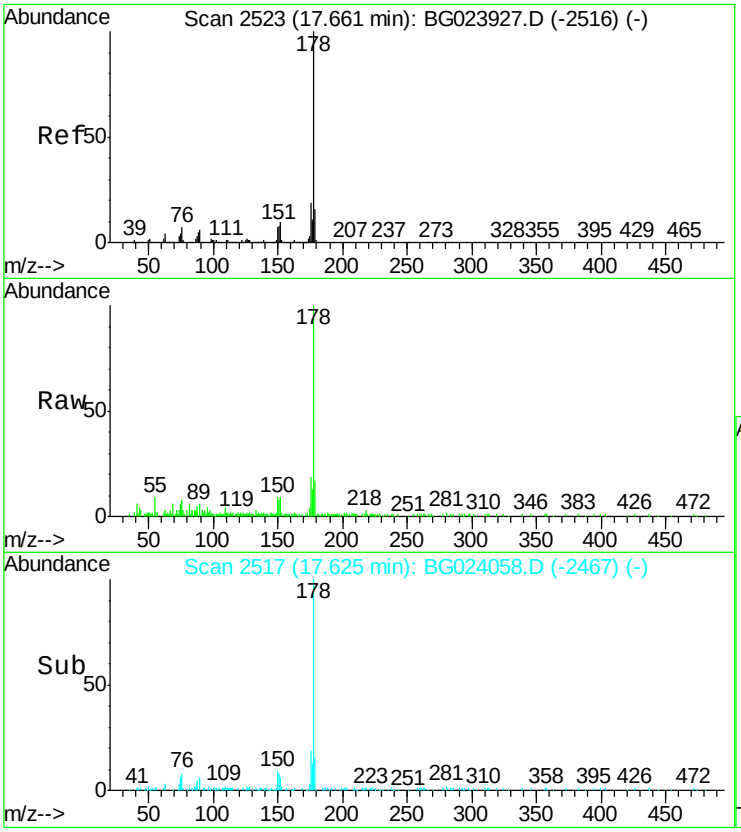


#70
Phenanthrene
Concen: 13.29 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

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



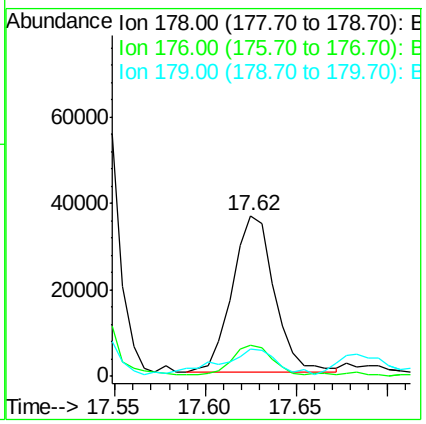


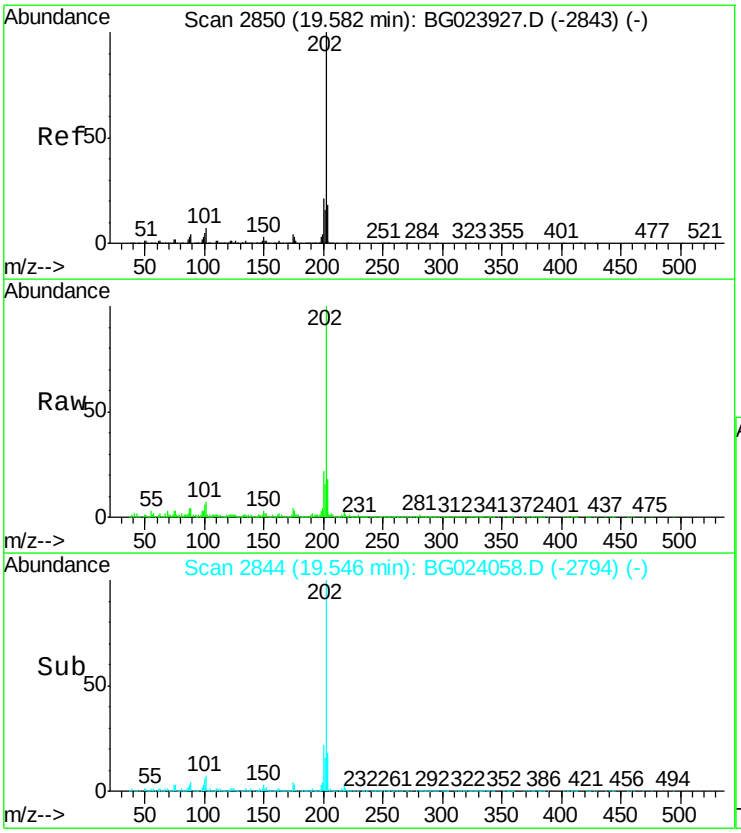
#71
Anthracene
Concen: 2.69 ng
RT: 17.62 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

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

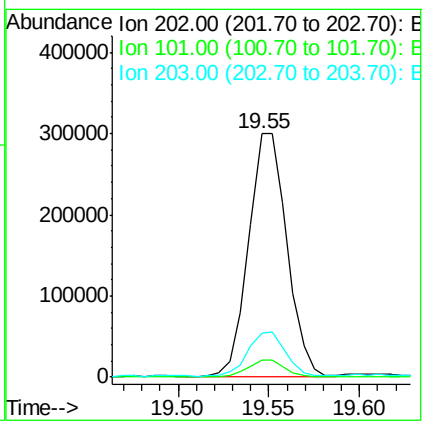


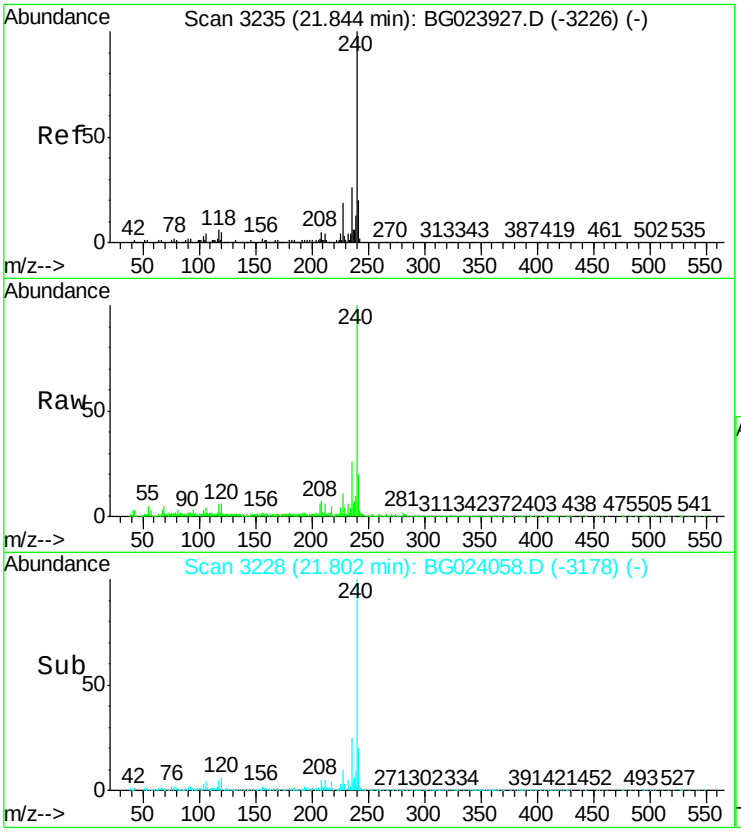


#74
Fluoranthene
Concen: 17.14 ng
RT: 19.55 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

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



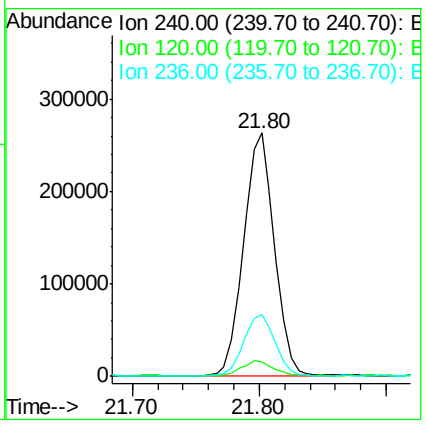


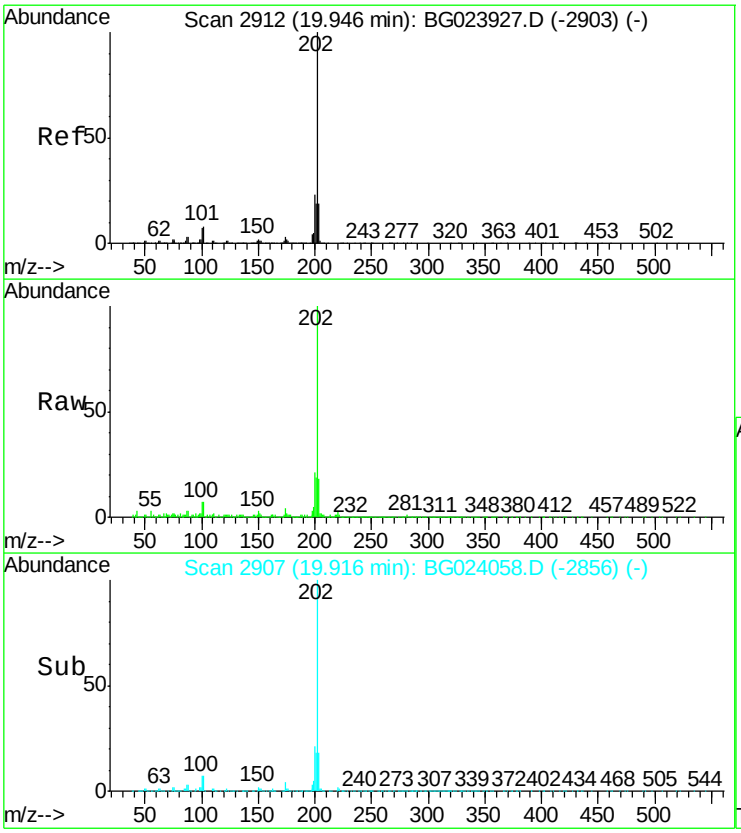
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

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

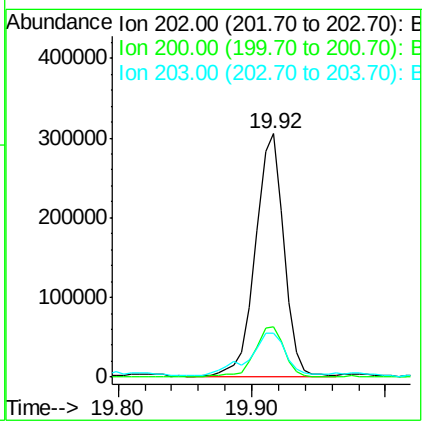


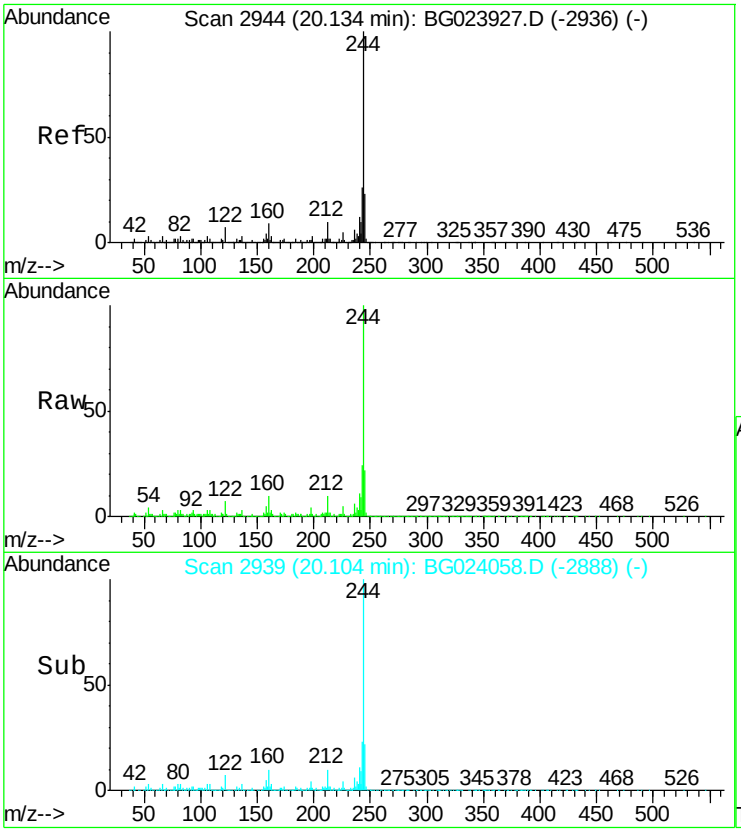


#77
Pyrene
Concen: 16.48 ng
RT: 19.92 min Scan# 2907
Delta R.T. 0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

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



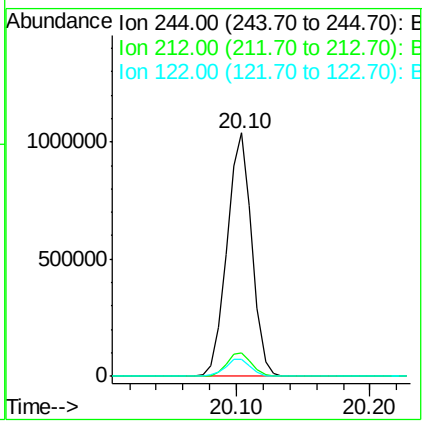


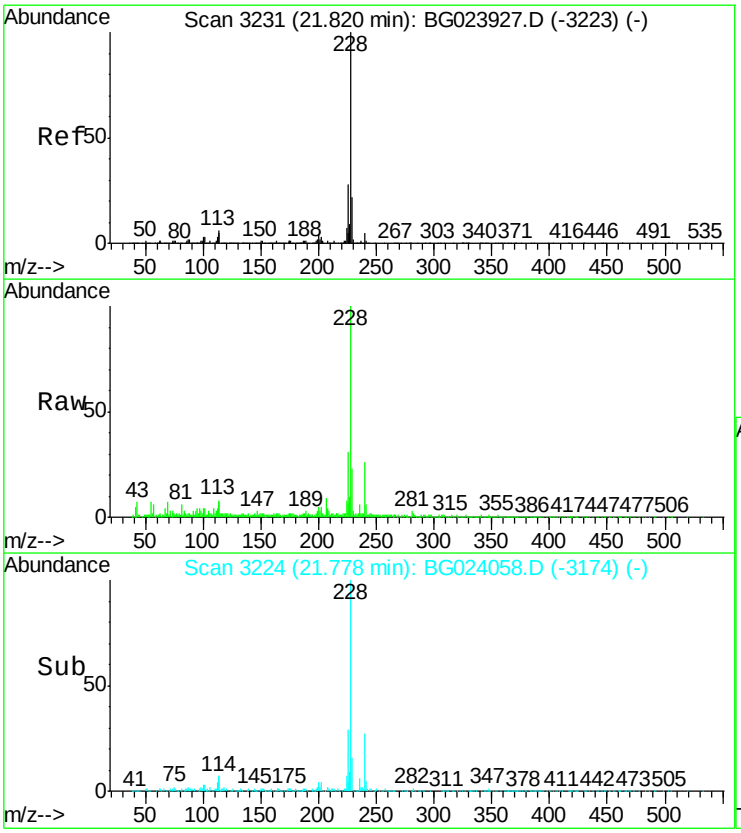
#78
Terphenyl-d14
Concen: 69.56 ng
RT: 20.10 min Scan# 2939
Delta R.T. 0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

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#

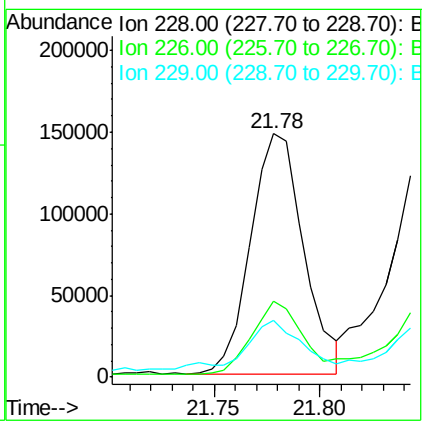


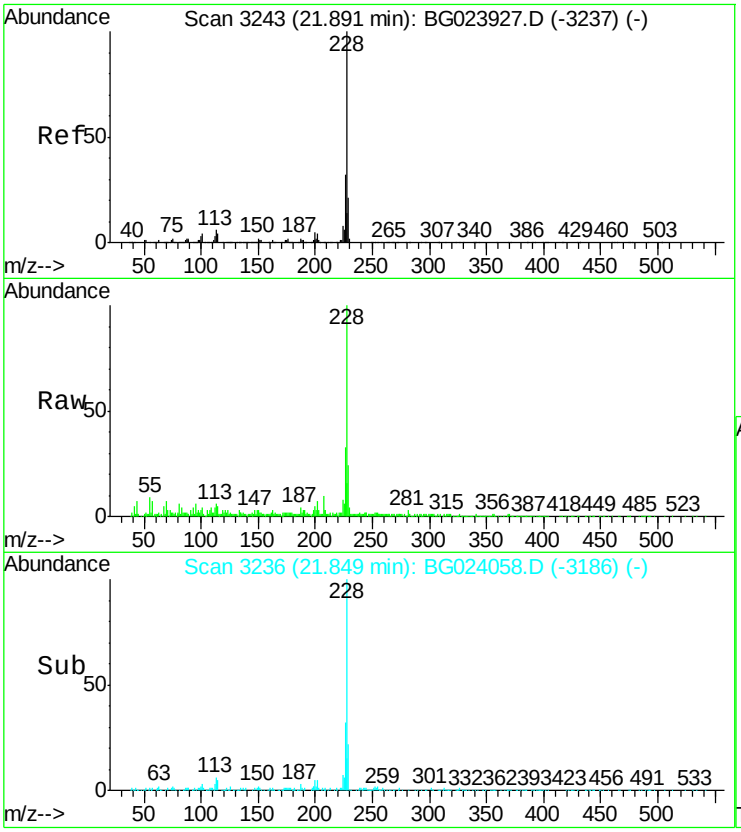


#80
Benzo(a)anthracene
Concen: 10.47 ng
RT: 21.78 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

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



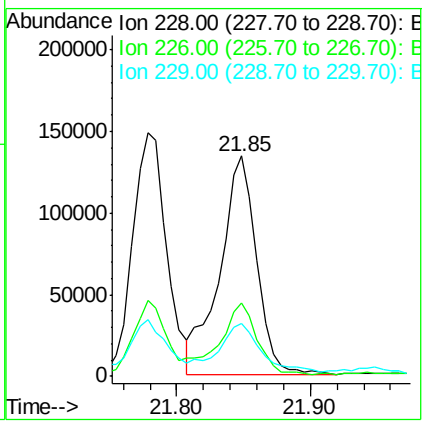


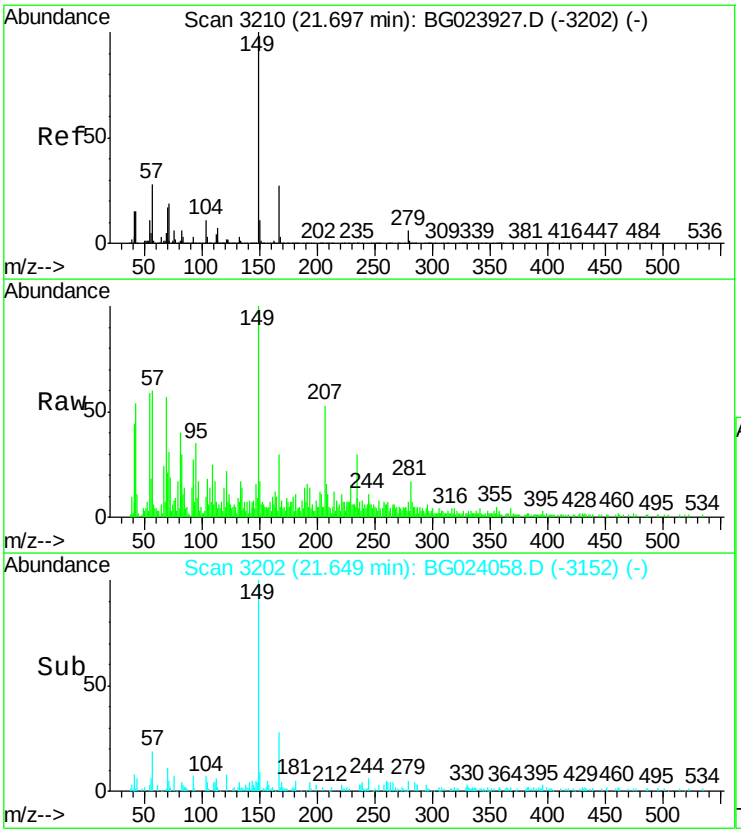
#82
Chrysene
Concen: 10.94 ng
RT: 21.85 min Scan# 3236
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

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

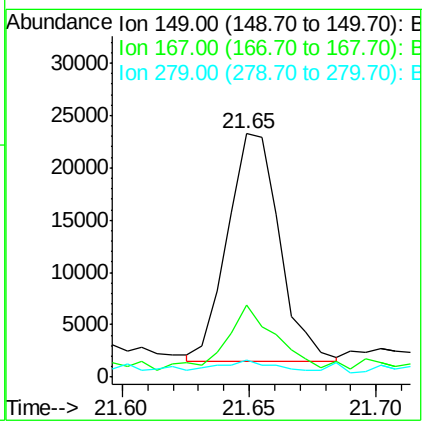


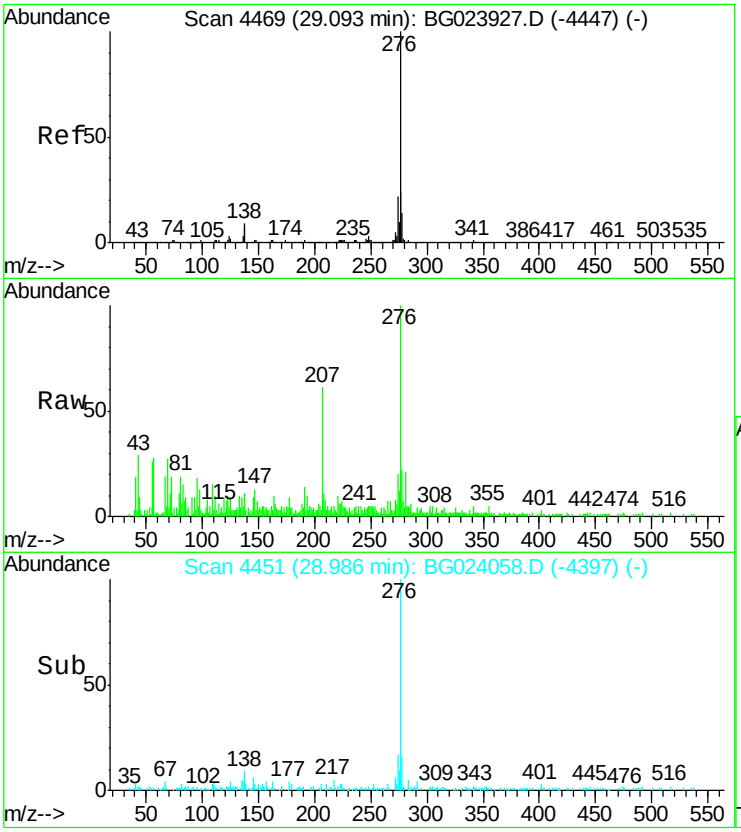


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.16 ng
RT: 21.65 min Scan# 3202
Delta R.T. -0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

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



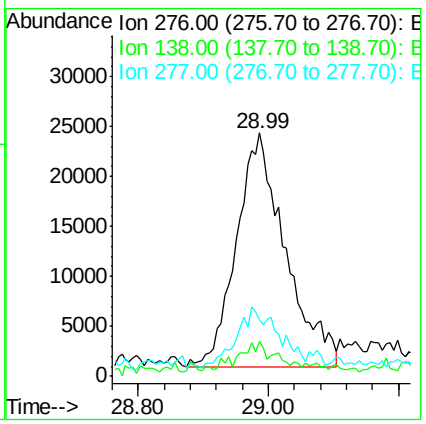


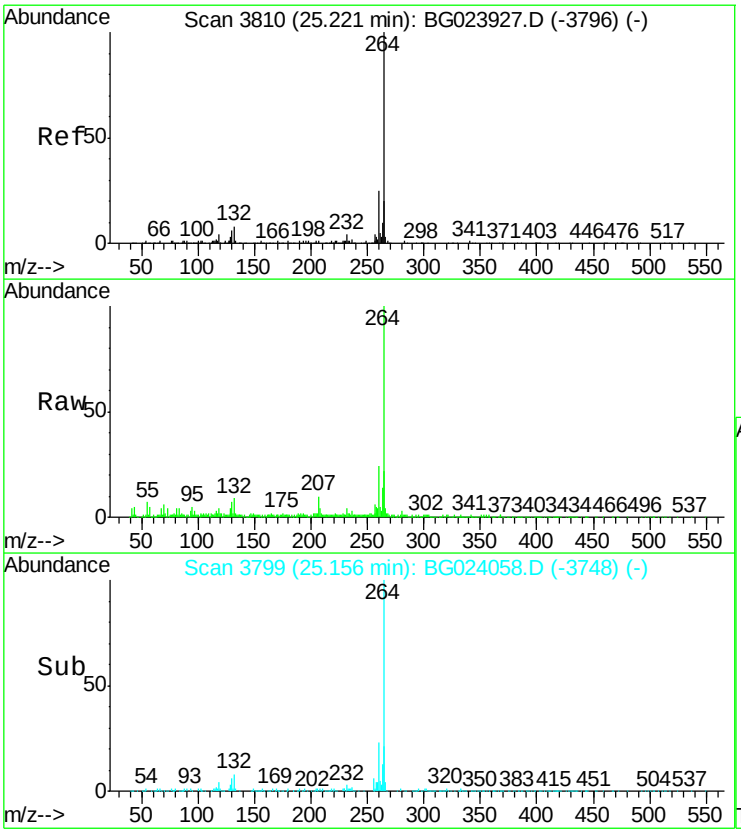
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.69 ng
RT: 28.99 min Scan# 4451
Delta R.T. 0.02 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

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#

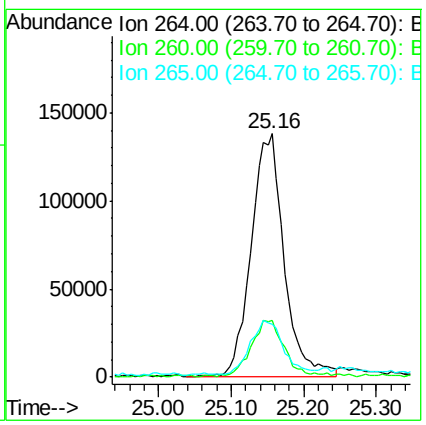


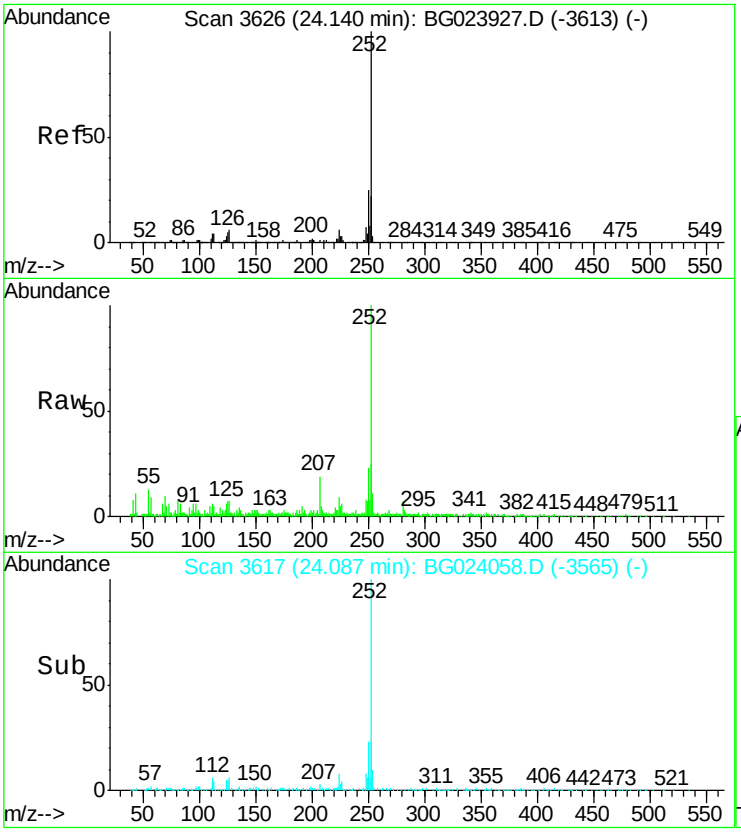


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. 0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

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



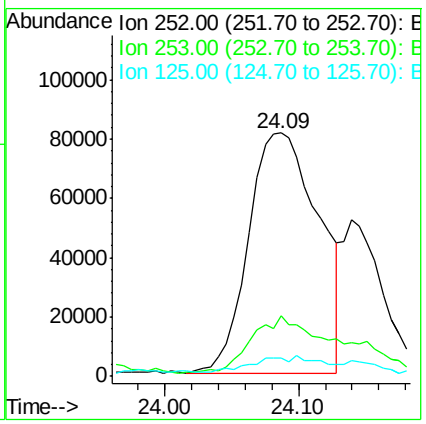


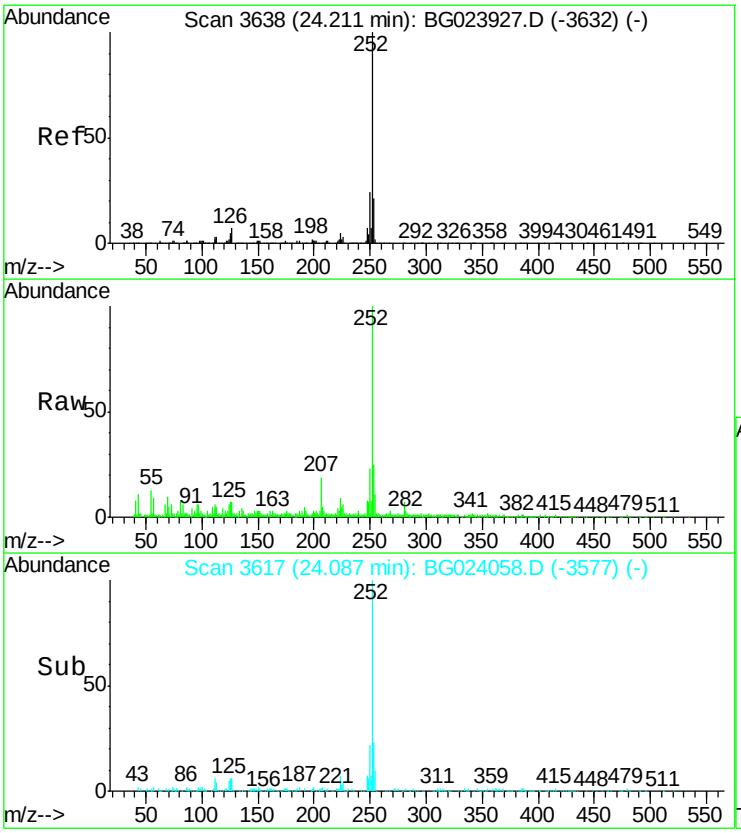
#87
Benzo(b)fluoranthene
Concen: 11.94 ng
RT: 24.09 min Scan# 3617
Delta R.T. 0.01 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

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#

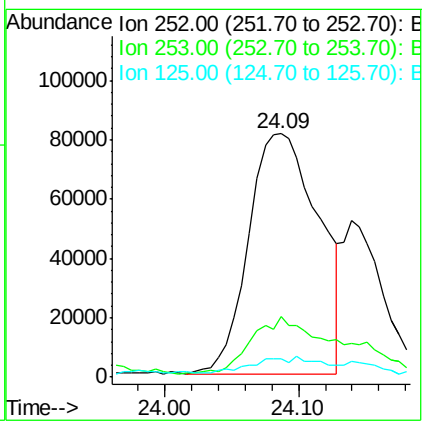


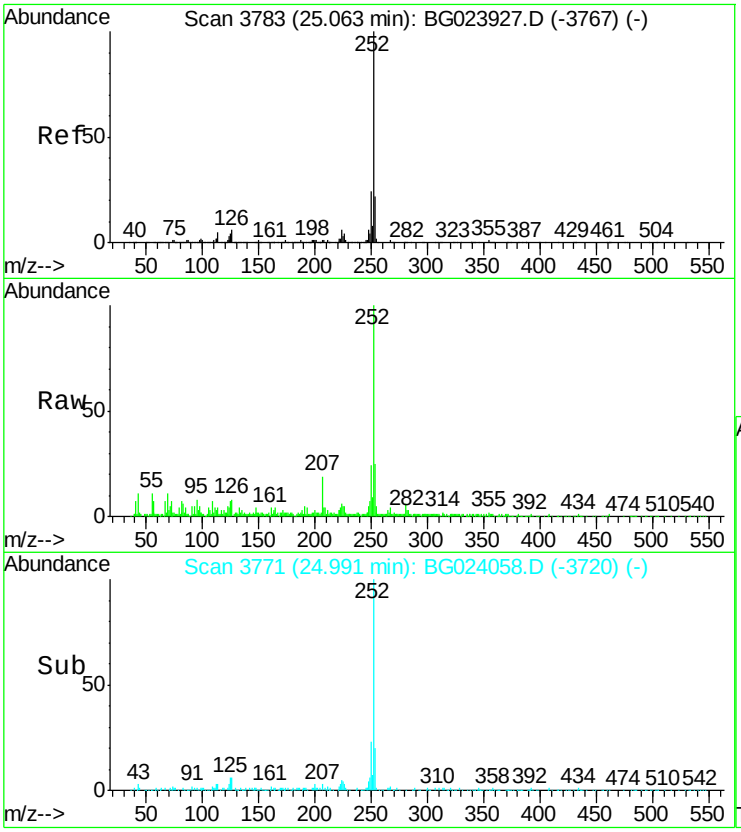


#88
Benzo(k)fluoranthene
Concen: 12.04 ng
RT: 24.09 min Scan# 3617
Delta R.T. -0.06 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Tgt Ion:252 Resp: 294275

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.8	28.2
125	7.4	3.2	4.8#



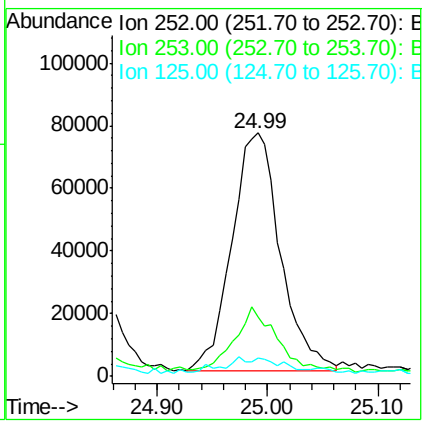


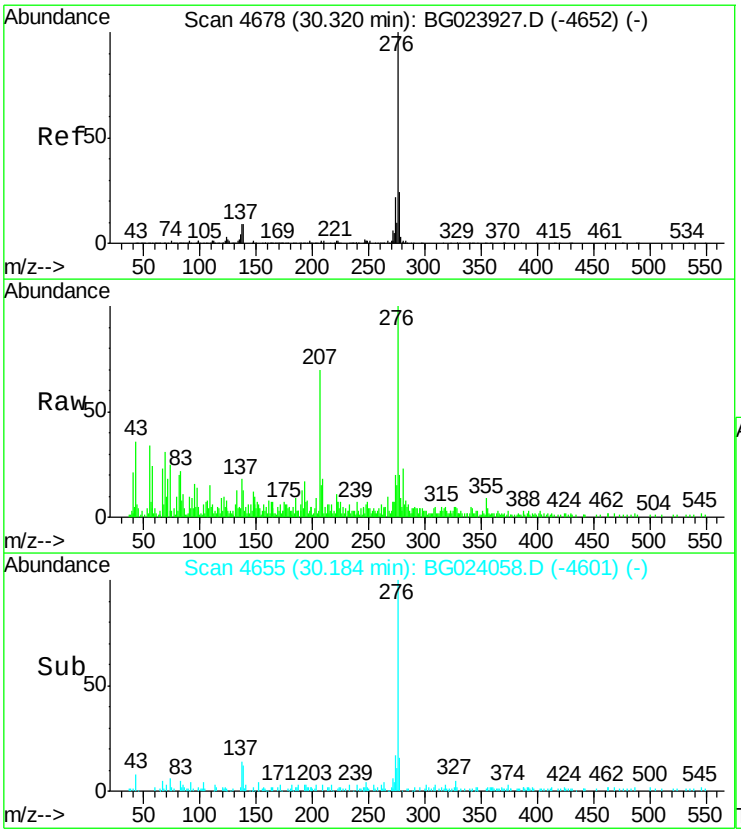
#89
Benzo(a)pyrene
Concen: 9.99 ng
RT: 24.99 min Scan# 3771
Delta R.T. 0.00 min
Lab File: BG024058.D
Acq: 21 Sep 2016 17:04

Instrument :
BNA_G
ClientSampleId :
YORK-SB4-02

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

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#