Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092116\
Data File : BG024063.D
Acq On : 21 Sep 2016 20:15
Operator : UM/SJ
Sample : H4819-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-02

Quant Time: Sep 22 07:23:03 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	69683	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	284183	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	199120	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	362543	20.00	ng		0.00
75) Chrysene-d12	21.80	240	392900	20.00	ng		0.00
86) Perylene-d12	25.17	264	350668	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	401286	101.10	ng		0.00
7) Phenol-d6	7.23	99	602777	98.66	ng		0.00
23) Nitrobenzene-d5	9.24	82	469240	73.72	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	238289	66.42	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	842613	60.67	ng		0.00
78) Terphenyl-d14	20.11	244	1053394	61.06	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.94	128	62495	4.27	ng	#	90
40) Hexachlorocyclopentadiene	13.00	237	54	7.09	ng	#	26
46) 2-Chloronaphthalene	13.65	162	61264	5.21	ng		93
49) Dimethylphthalate	14.17	163	167247	9.80	ng		99
53) 2,4-Dinitrophenol	14.82	184	61	6.53	ng	#	24
70) Phenanthrene	17.54	178	290856	15.42	ng		96
71) Anthracene	17.63	178	53204	2.77	ng		97
74) Fluoranthene	19.55	202	536839	23.64	ng		94
77) Pyrene	19.92	202	446697	18.49	ng		95
80) Benzo(a)anthracene	21.79	228	303264	13.79	ng		94
82) Chrysene	21.85	228	310626	14.84	ng		98
85) Indeno(1,2,3-cd)pyrene	29.02	276	103200	4.45	ng	#	100
87) Benzo(b)fluoranthene	24.09	252	352999	17.72	ng	#	91
88) Benzo(k)fluoranthene	24.09	252	352999	17.87	ng	#	90
89) Benzo(a)pyrene	25.01	252	216418	11.44	ng	#	96
91) Benzo(g,h,i)perylene	30.22	276	77667	4.34	ng	#	94

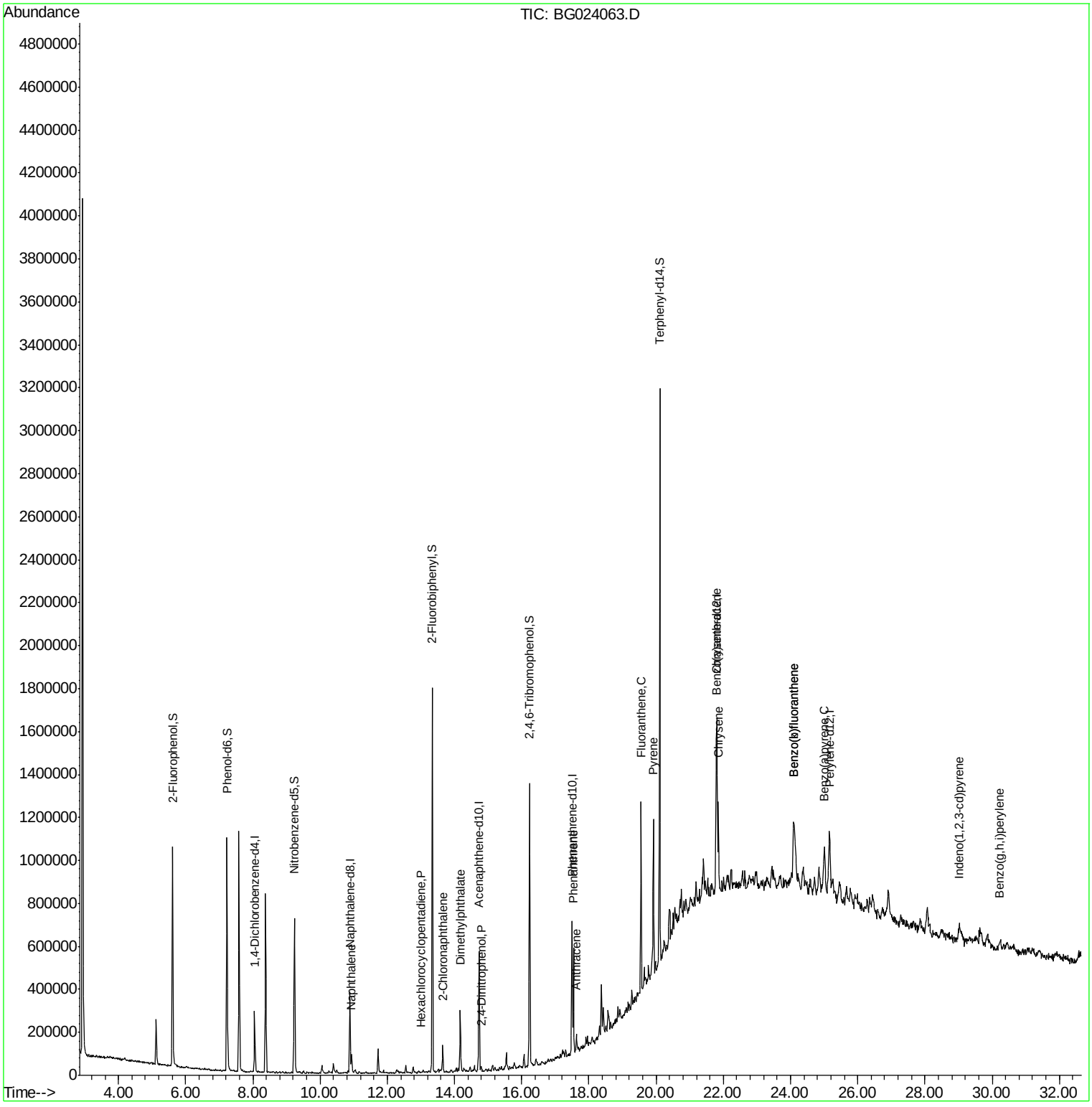
(#) = qualifier out of range (m) = manual integration (+) = signals summed

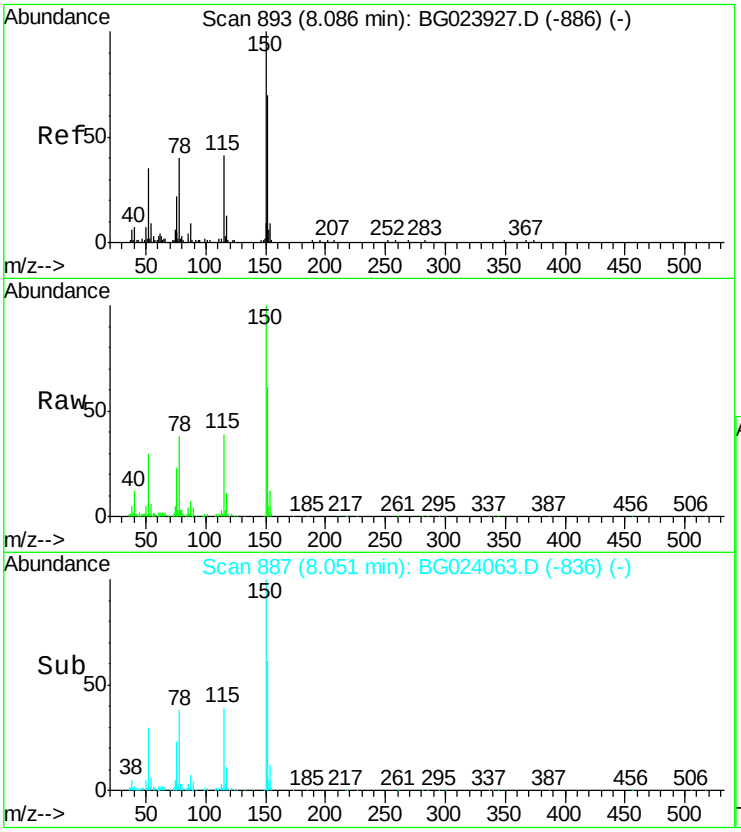
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092116\
Data File : BG024063.D
Acq On : 21 Sep 2016 20:15
Operator : UM/SJ
Sample : H4819-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-02

Quant Time: Sep 22 07:23:03 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



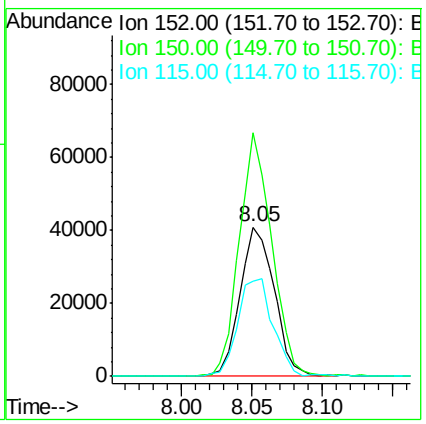


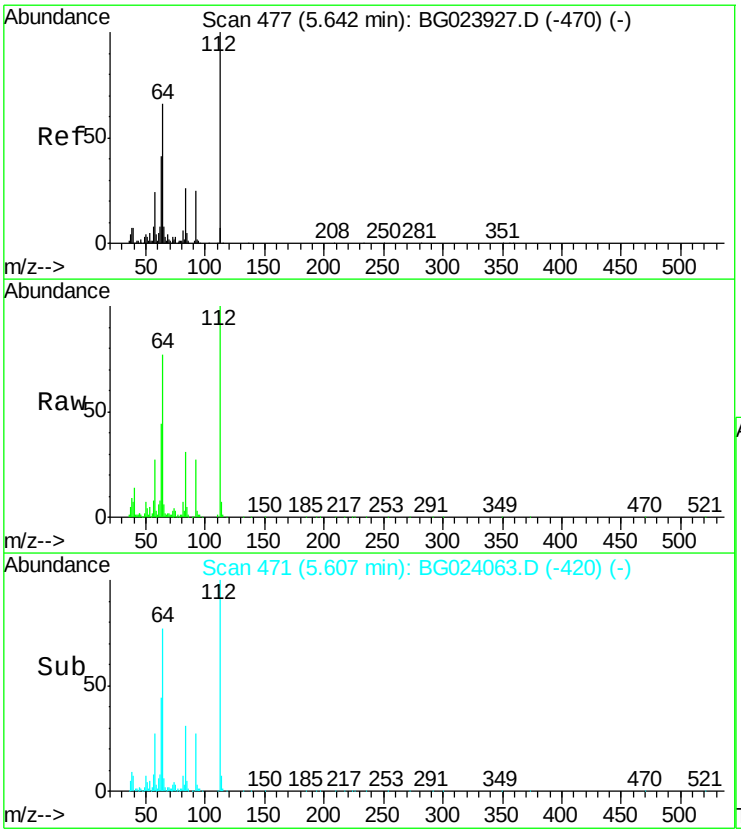
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. 0.00 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-02

Tgt Ion:152 Resp: 69683

Ion	Ratio	Lower	Upper
152	100		
150	163.0	144.7	217.1
115	64.0	64.0	96.0

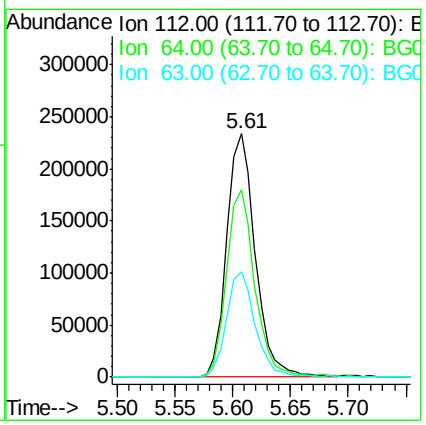


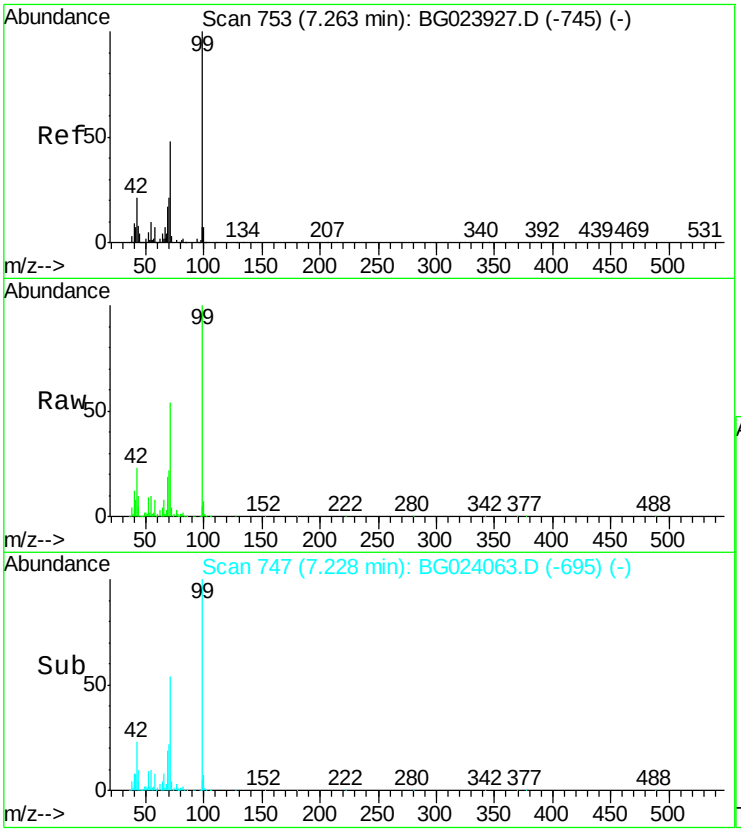


#5
2-Fluorophenol
Concen: 101.10 ng
RT: 5.61 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Tgt Ion:112 Resp: 401286

Ion	Ratio	Lower	Upper
112	100		
64	76.8	59.0	88.4
63	43.5	37.8	56.8



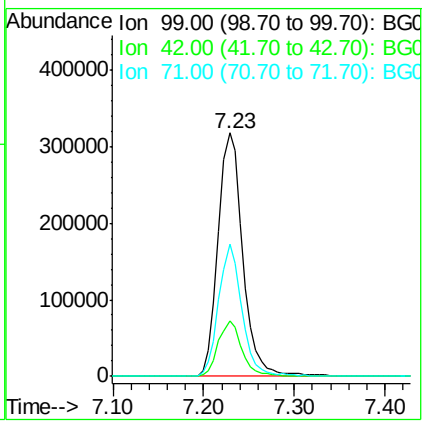


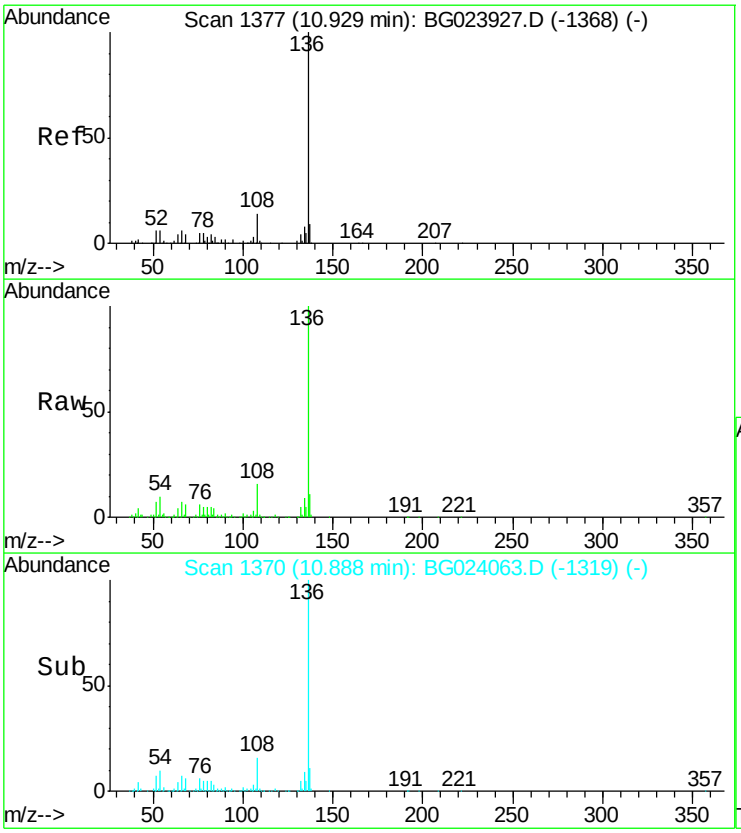
#7
Phenol-d6
Concen: 98.66 ng
RT: 7.23 min Scan# 747
Delta R.T. 0.01 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-02

Tgt Ion: 99 Resp: 602777

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.8	26.6
71	54.1	41.5	62.3

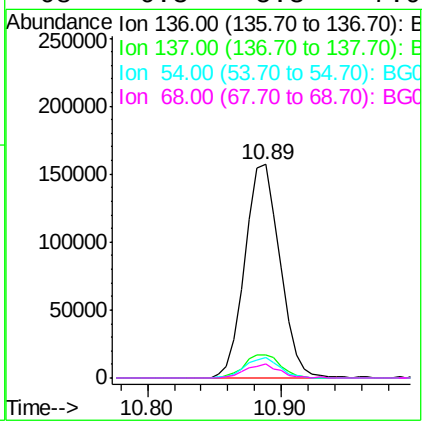


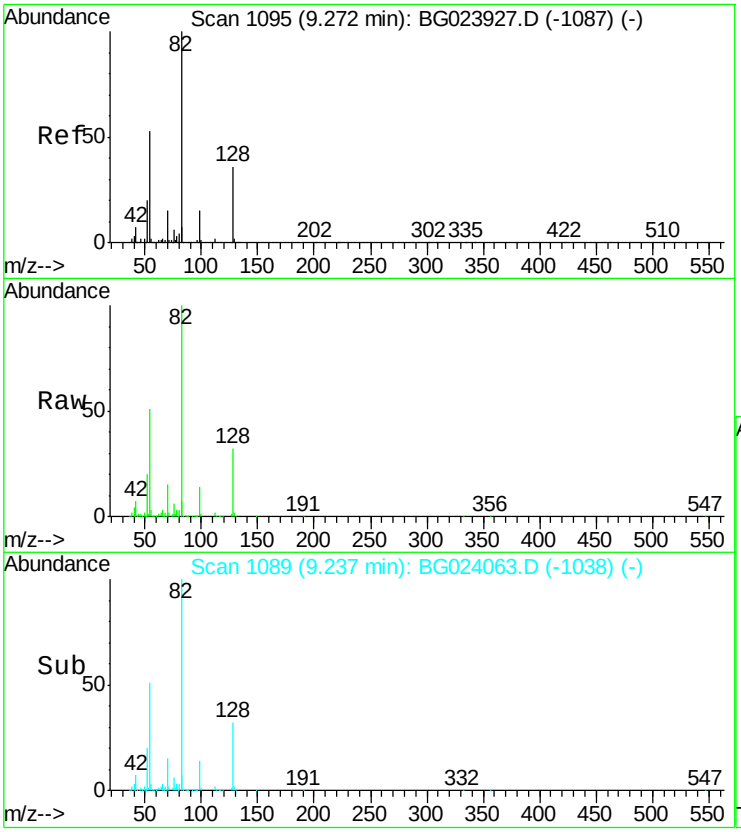


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Tgt Ion:136 Resp: 284183

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	9.8	7.3	10.9
68	6.3	5.3	7.9



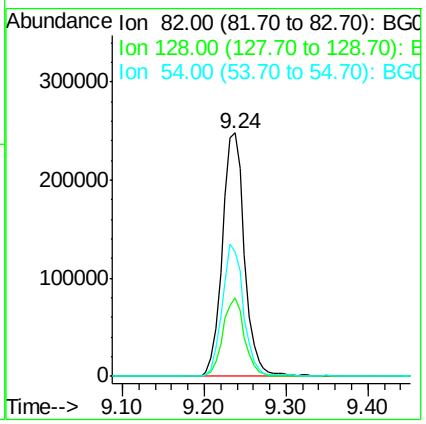


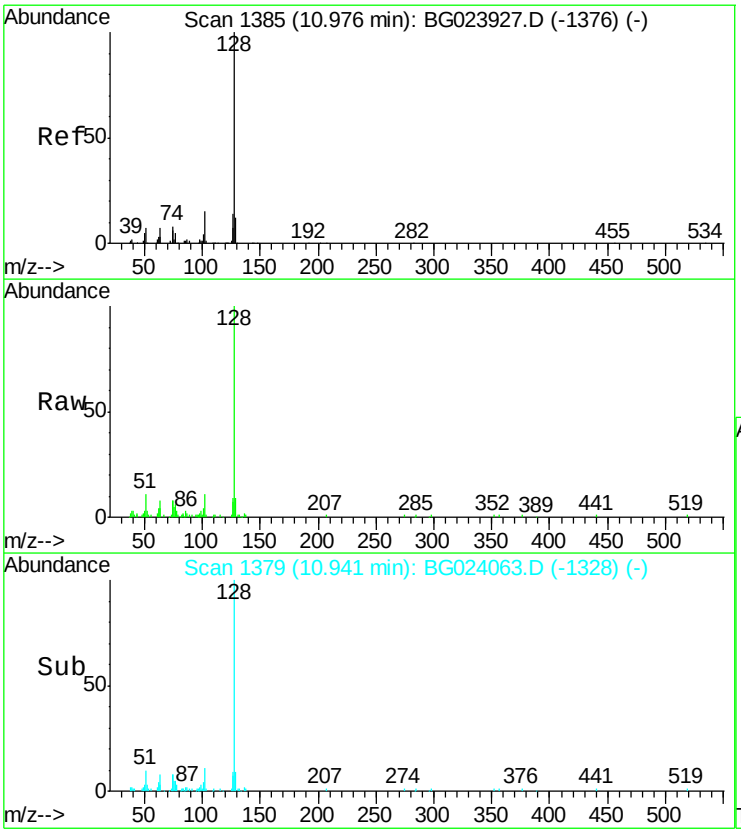
#23
Nitrobenzene-d5
Concen: 73.72 ng
RT: 9.24 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-02

Tgt Ion: 82 Resp: 469240

Ion	Ratio	Lower	Upper
82	100		
128	32.2	24.4	36.6
54	51.1	41.4	62.0

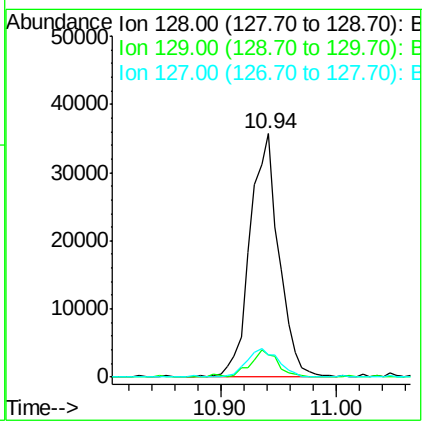


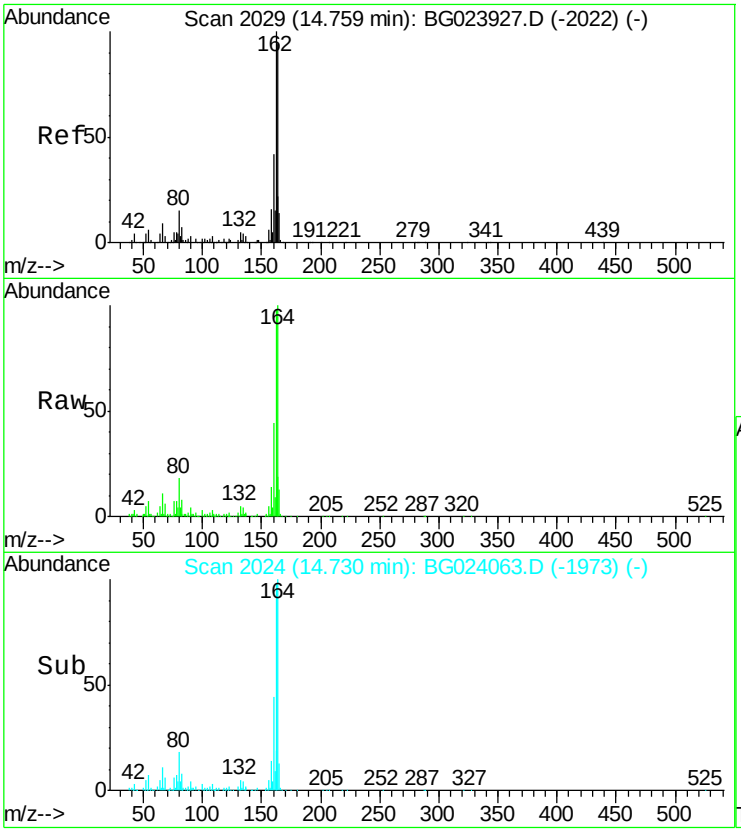


#31
Naphthalene
Concen: 4.27 ng
RT: 10.94 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Tgt Ion:128 Resp: 62495

Ion	Ratio	Lower	Upper
128	100		
129	9.0	9.4	14.0#
127	9.4	11.3	16.9#



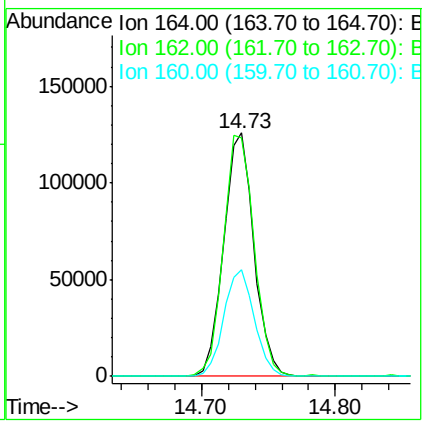


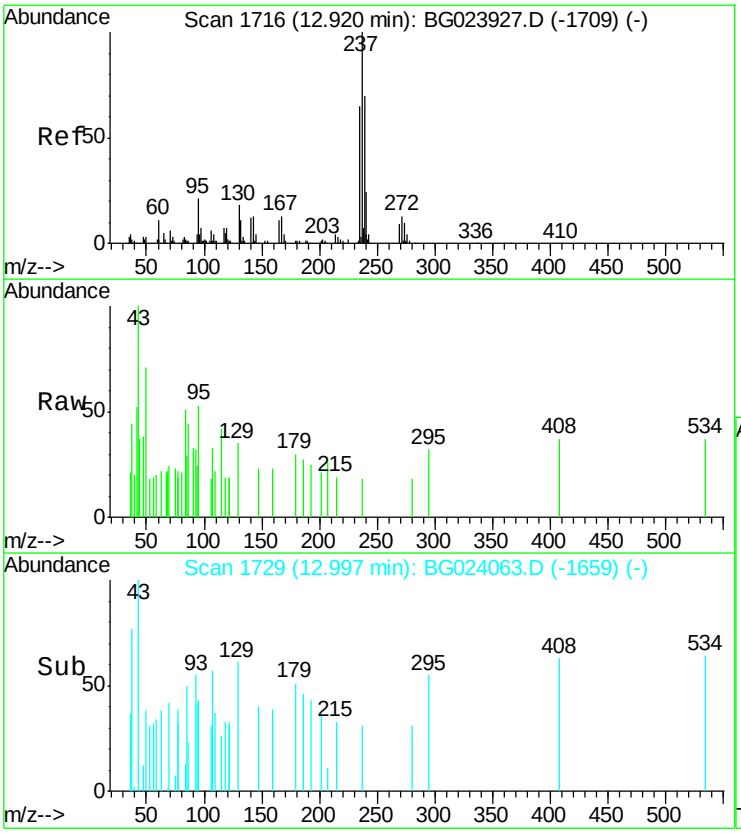
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-02

Tgt Ion:164 Resp: 199120

Ion	Ratio	Lower	Upper
164	100		
162	97.8	87.7	131.5
160	43.9	37.2	55.8

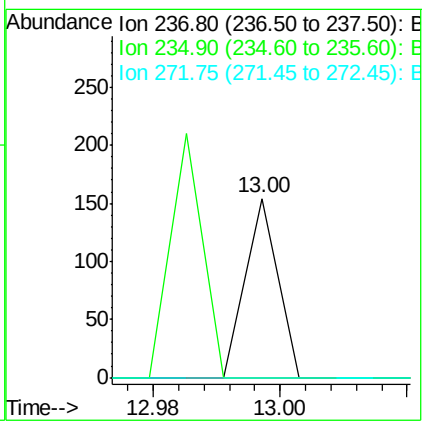


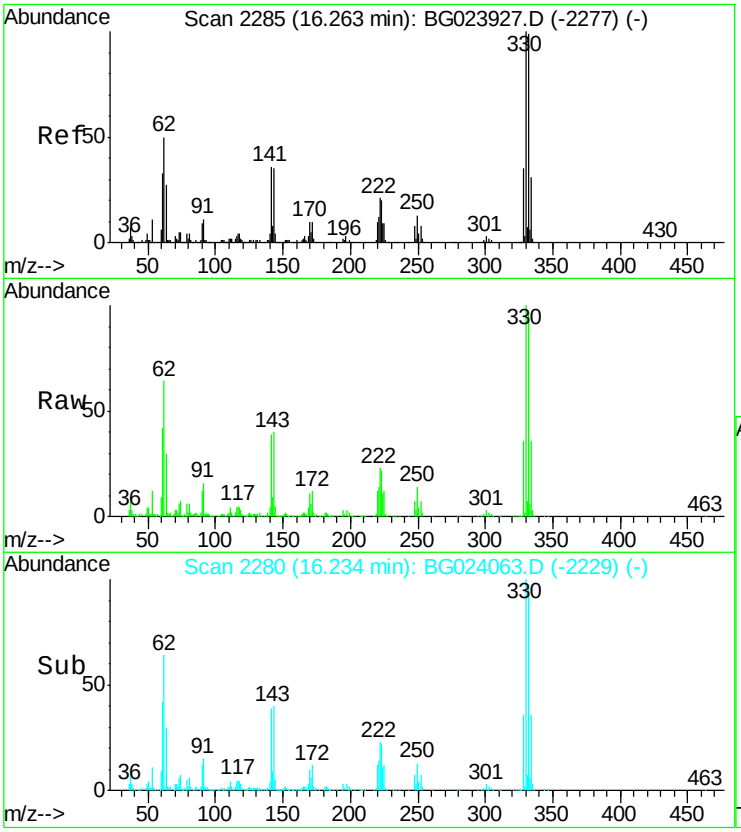


#40
Hexachlorocyclopentadiene
Concen: 7.09 ng
RT: 13.00 min Scan# 1729
Delta R.T. 0.11 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Tgt Ion:237 Resp: 54

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



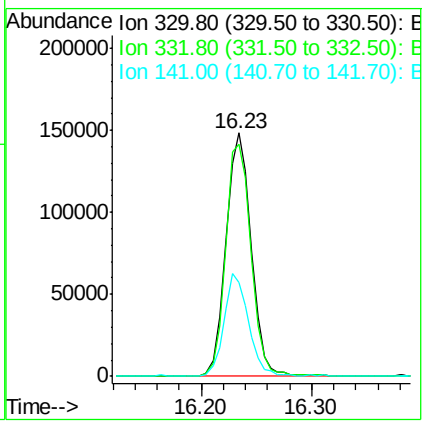


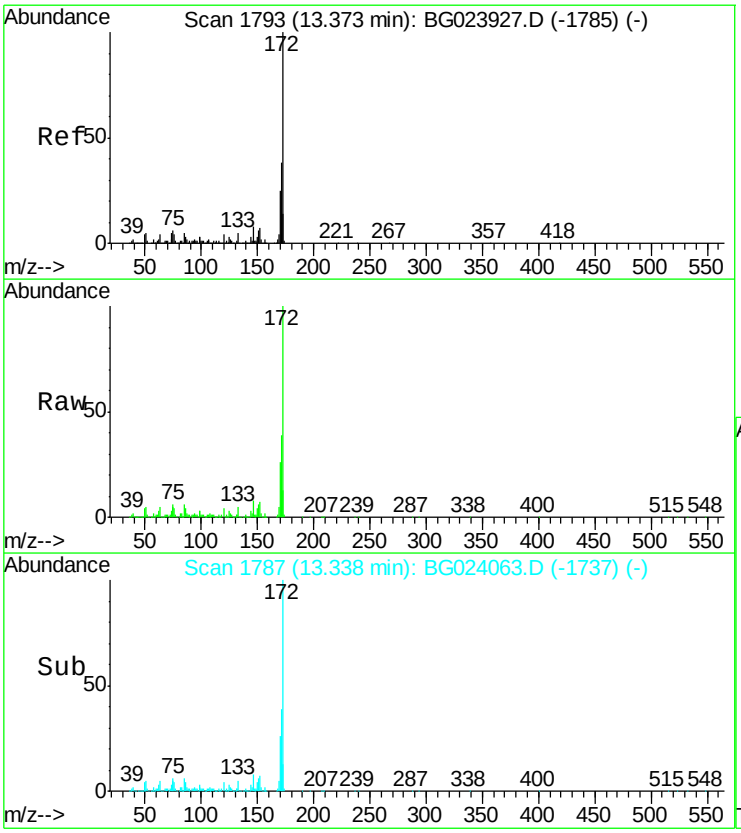
#41
2,4,6-Tribromophenol
Concen: 66.42 ng
RT: 16.23 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-02

Tgt Ion:330 Resp: 238289

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	41.0	31.7	47.5

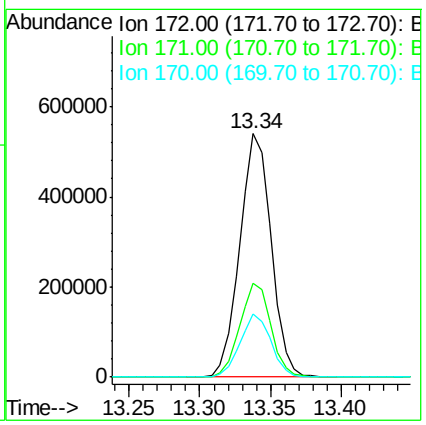


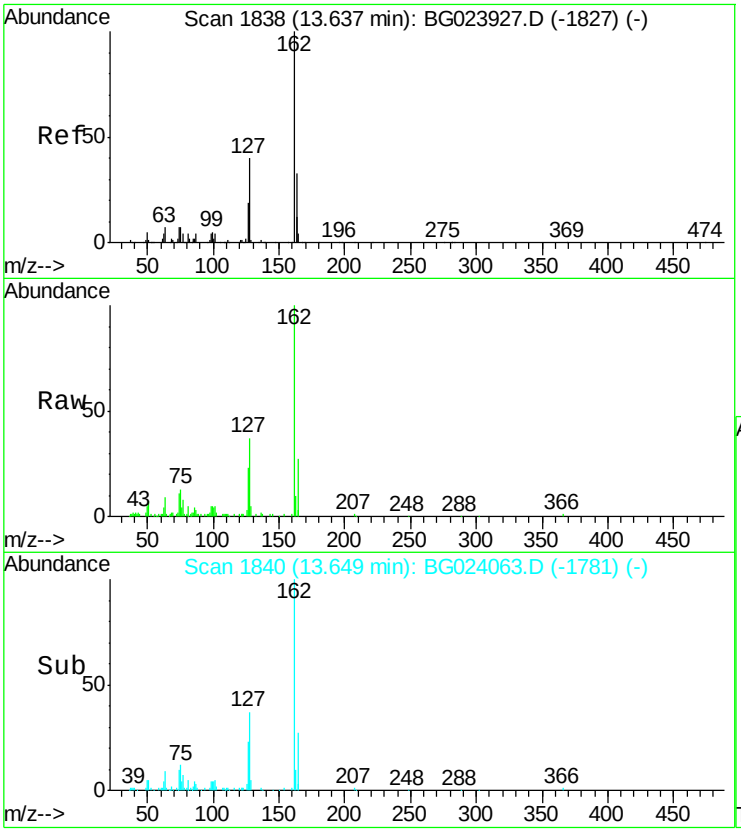


#44
2-Fluorobiphenyl
Concen: 60.67 ng
RT: 13.34 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Tgt Ion:172 Resp: 842613

Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.6	47.4
170	26.1	21.3	31.9



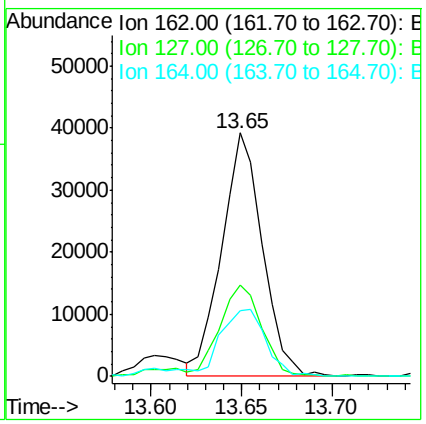


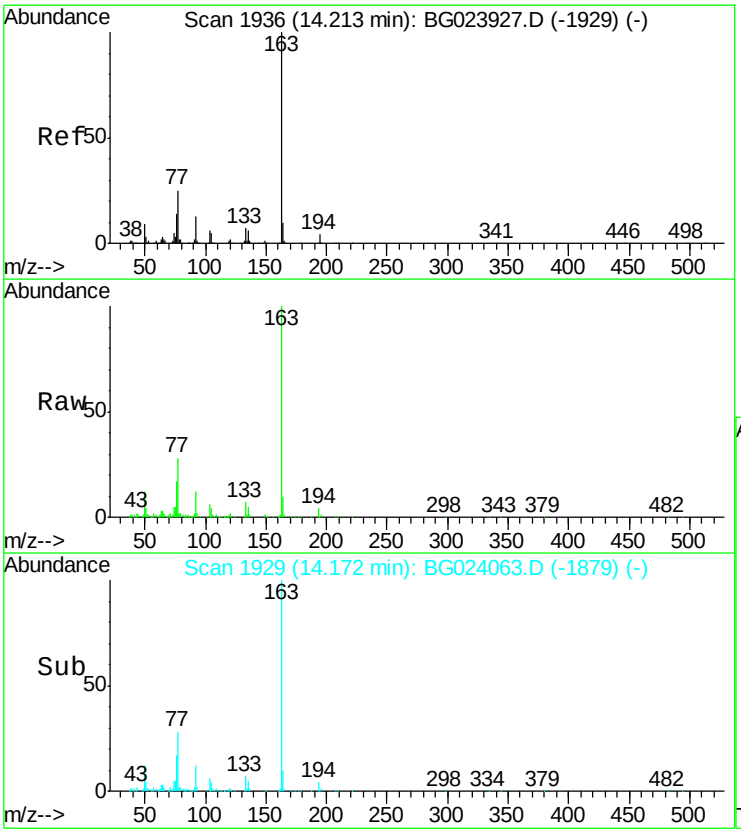
#46
2-Chloronaphthalene
Concen: 5.21 ng
RT: 13.65 min Scan# 1840
Delta R.T. 0.05 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-02

Tgt Ion:162 Resp: 61264

Ion	Ratio	Lower	Upper
162	100		
127	37.3	32.4	48.6
164	26.9	25.2	37.8

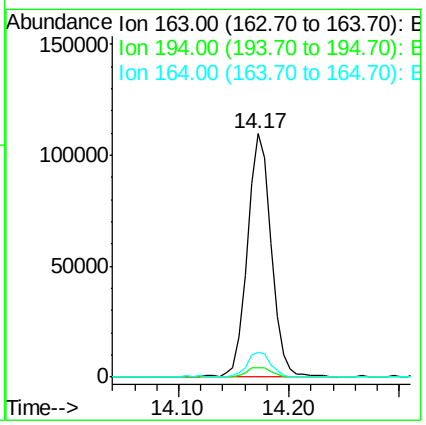


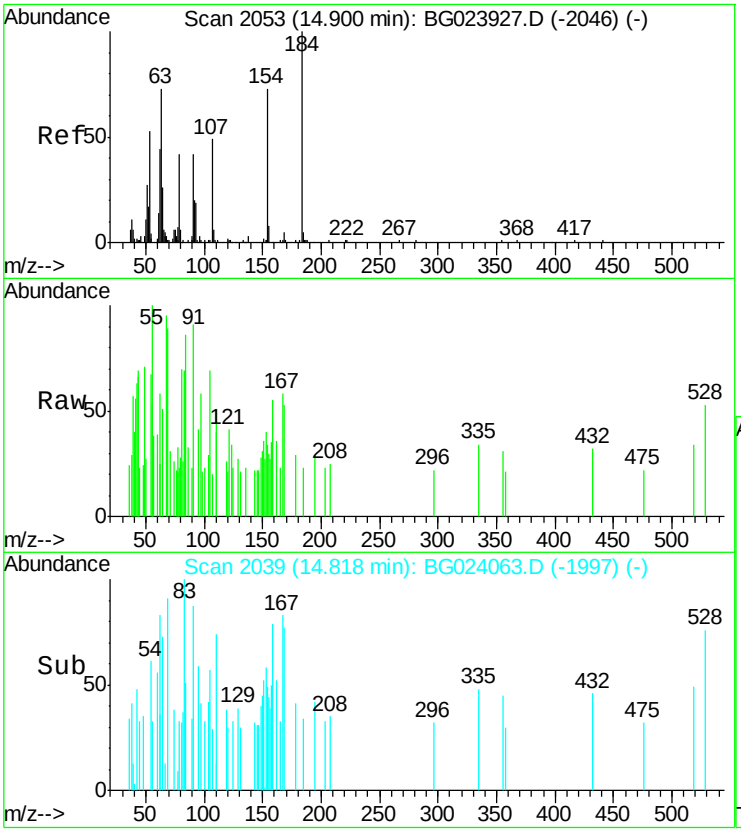


#49
Dimethylphthalate
Concen: 9.80 ng
RT: 14.17 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Tgt Ion:163 Resp: 167247

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.6	5.4
164	10.0	8.1	12.1



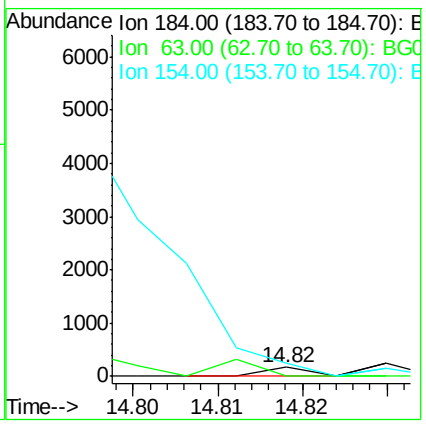


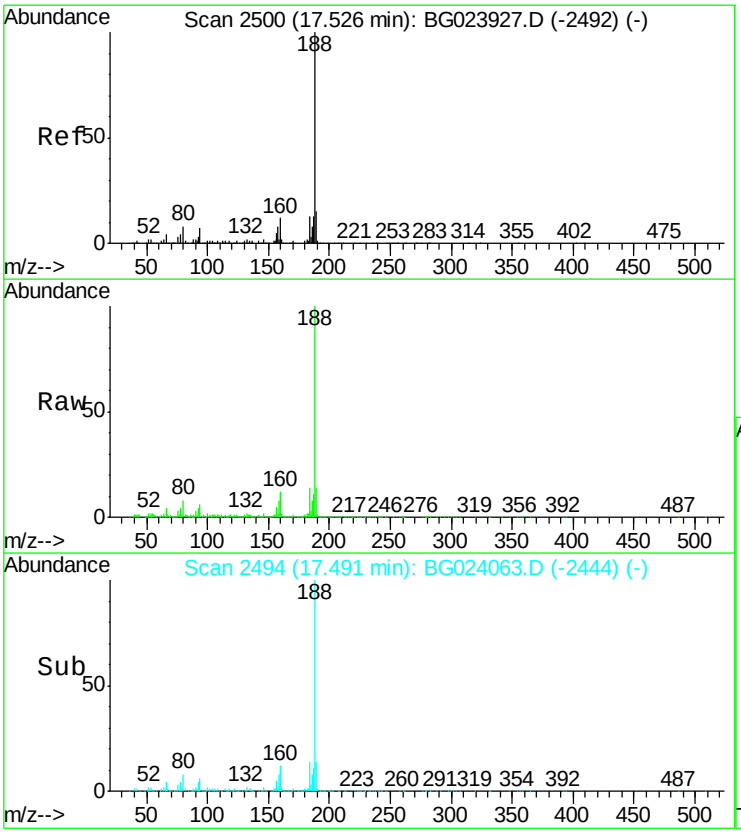
#53
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.05 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-02

Tgt Ion:184 Resp: 61

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.6	89.4#
154	144.2	67.4	101.0#

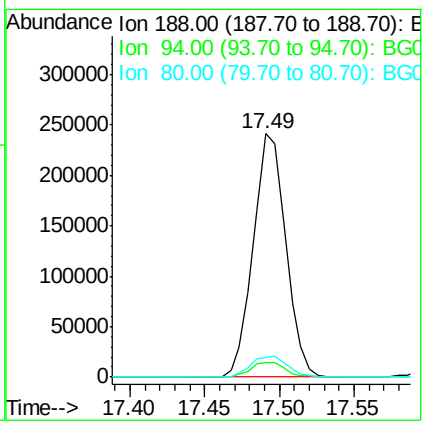


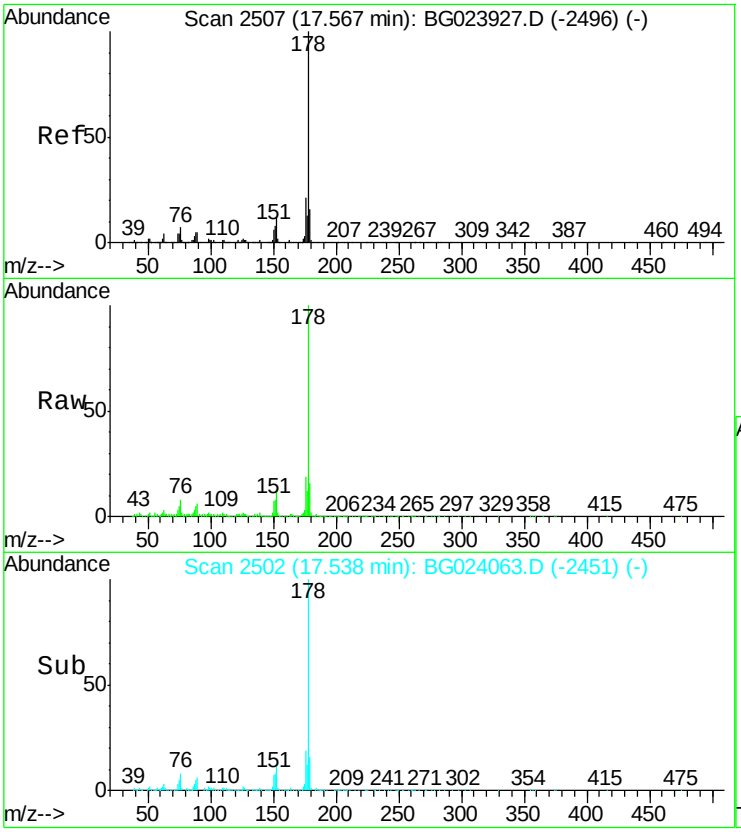


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Tgt Ion:188 Resp: 362543

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



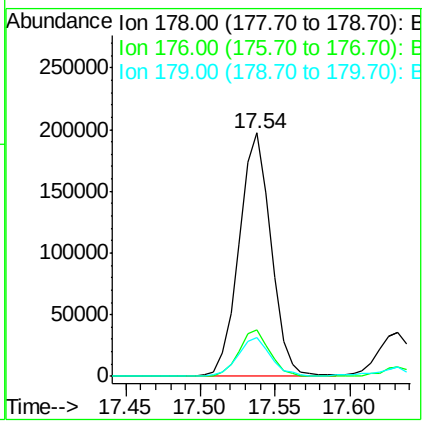


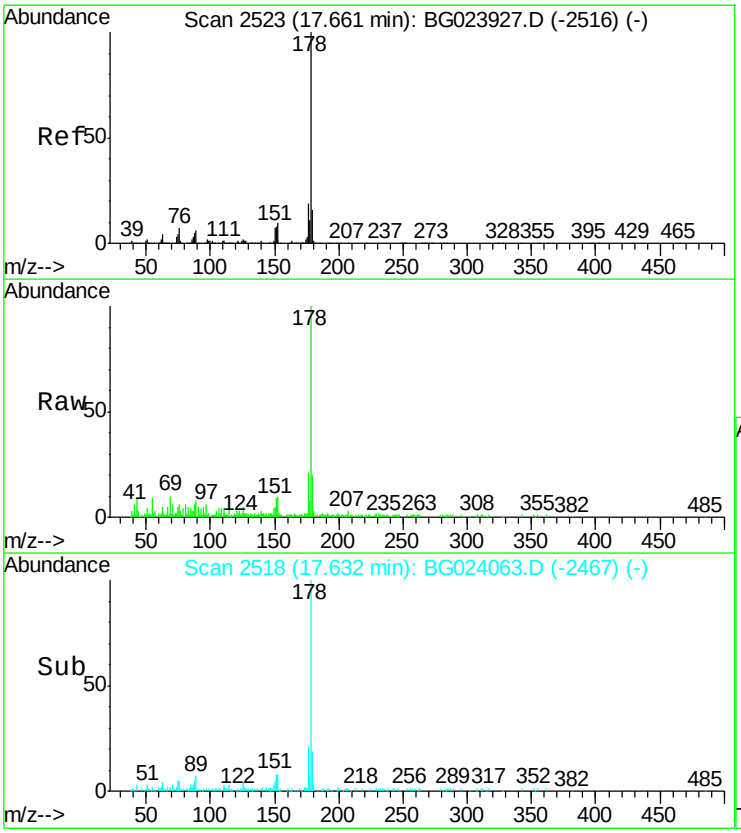
#70
Phenanthrene
Concen: 15.42 ng
RT: 17.54 min Scan# 2502
Delta R.T. 0.00 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-02

Tgt Ion:178 Resp: 290856

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.8	25.2
179	16.0	14.3	21.5

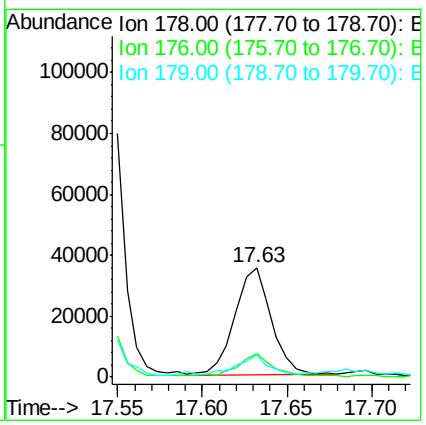


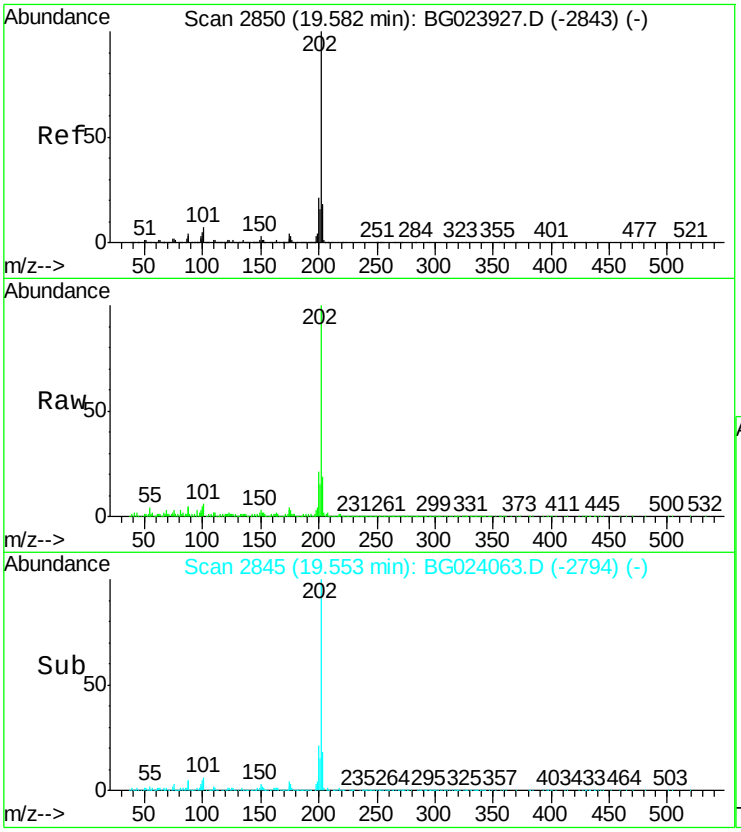


#71
Anthracene
Concen: 2.77 ng
RT: 17.63 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Tgt Ion:178 Resp: 53204

Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.3	25.9
179	20.0	14.0	21.0



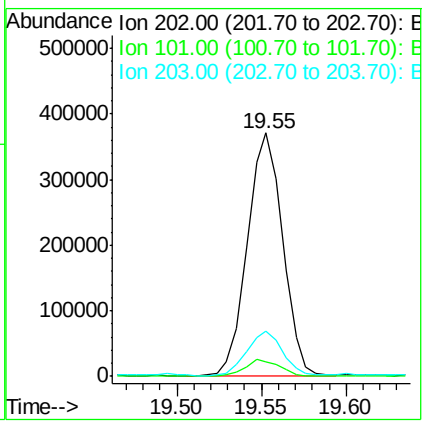


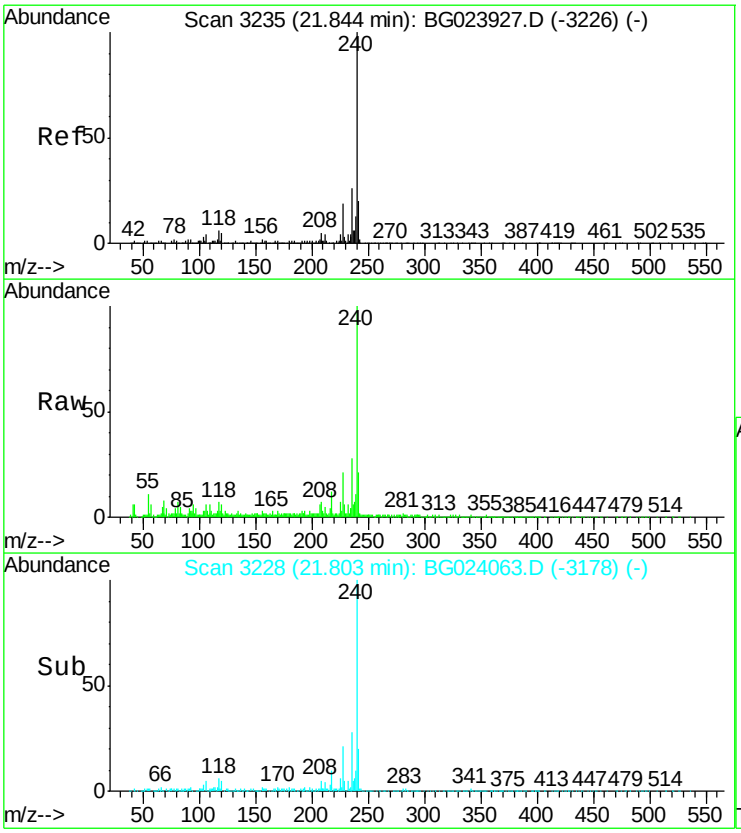
#74
Fluoranthene
Concen: 23.64 ng
RT: 19.55 min Scan# 2845
Delta R.T. 0.00 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-02

Tgt Ion:202 Resp: 536839

Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	27.4
203	18.7	1.7	41.7

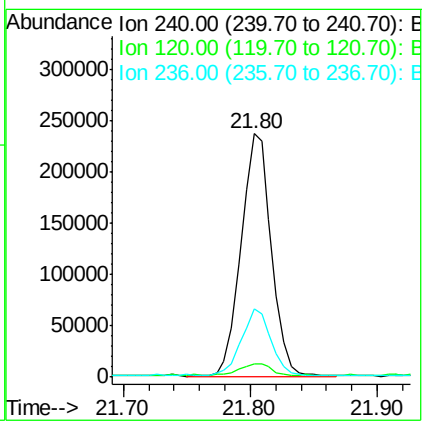


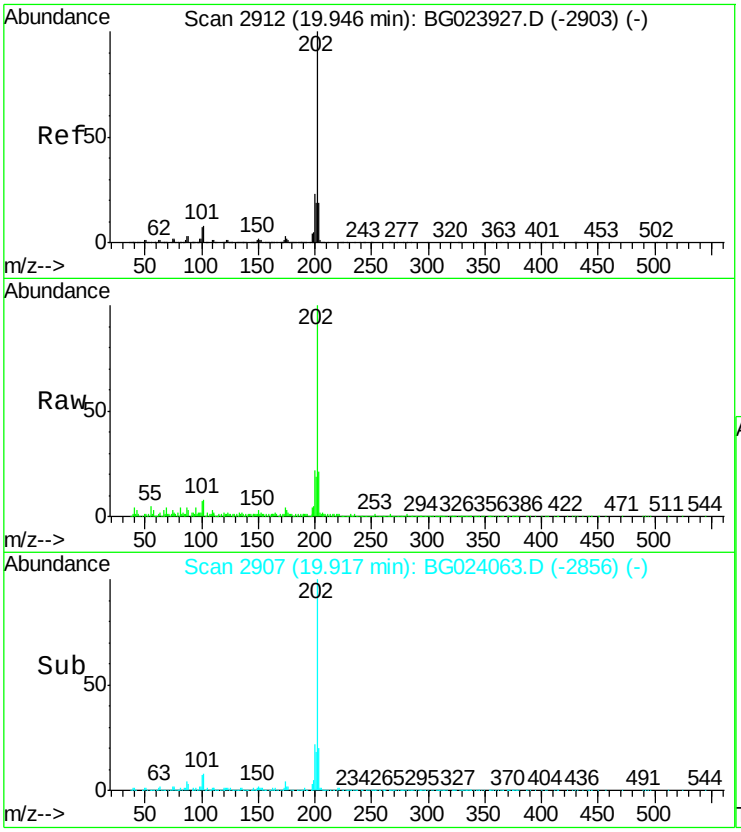


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Tgt Ion:240 Resp: 392900

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.1	6.1
236	28.3	21.1	31.7



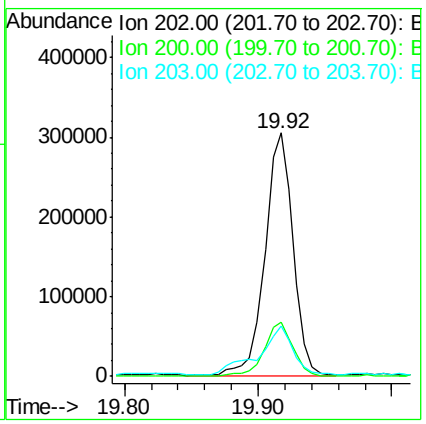


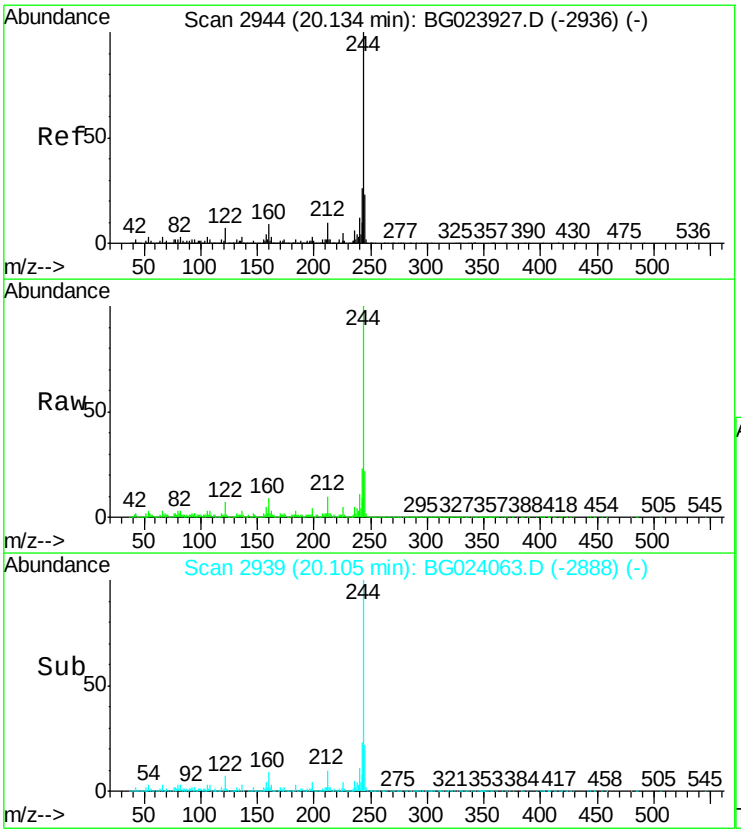
#77
Pyrene
Concen: 18.49 ng
RT: 19.92 min Scan# 2907
Delta R.T. 0.00 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-02

Tgt Ion:202 Resp: 446697

Ion	Ratio	Lower	Upper
202	100		
200	22.3	21.2	31.8
203	20.7	16.8	25.2

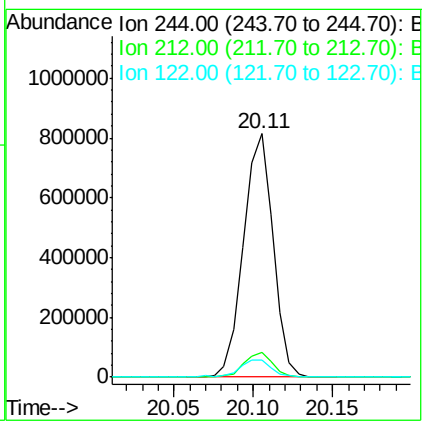


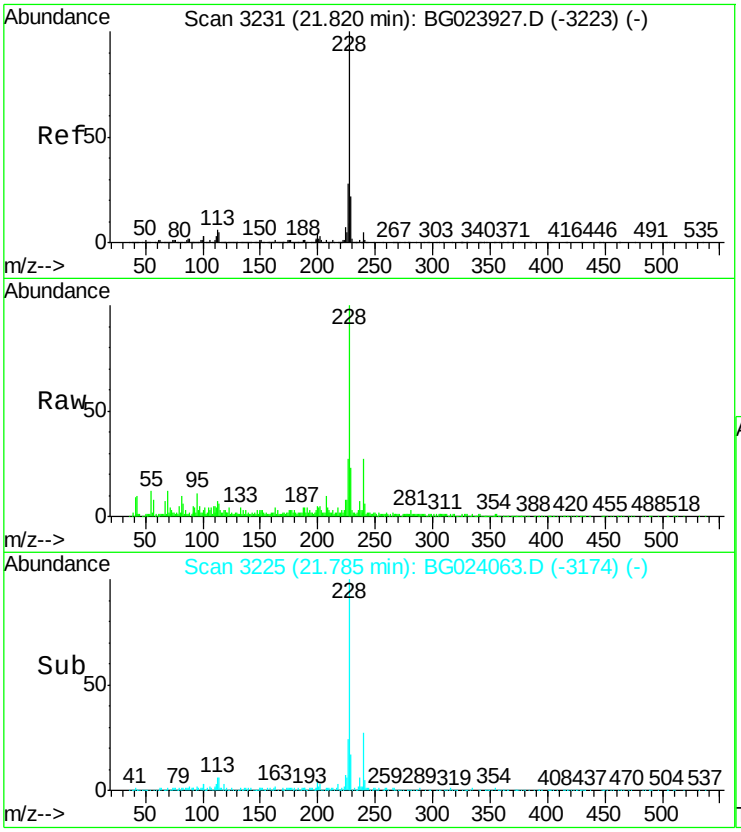


#78
Terphenyl-d14
Concen: 61.06 ng
RT: 20.11 min Scan# 2939
Delta R.T. 0.00 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Tgt Ion:244 Resp: 1053394

Ion	Ratio	Lower	Upper
244	100		
212	9.9	10.8	16.2#
122	6.9	8.0	12.0#



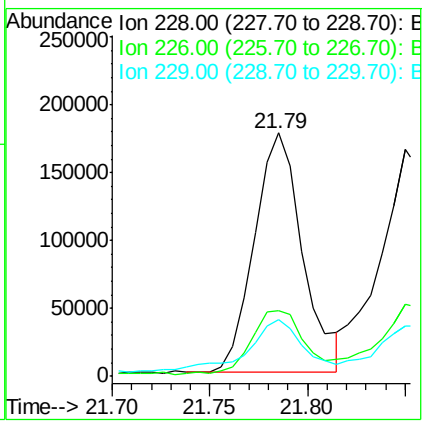


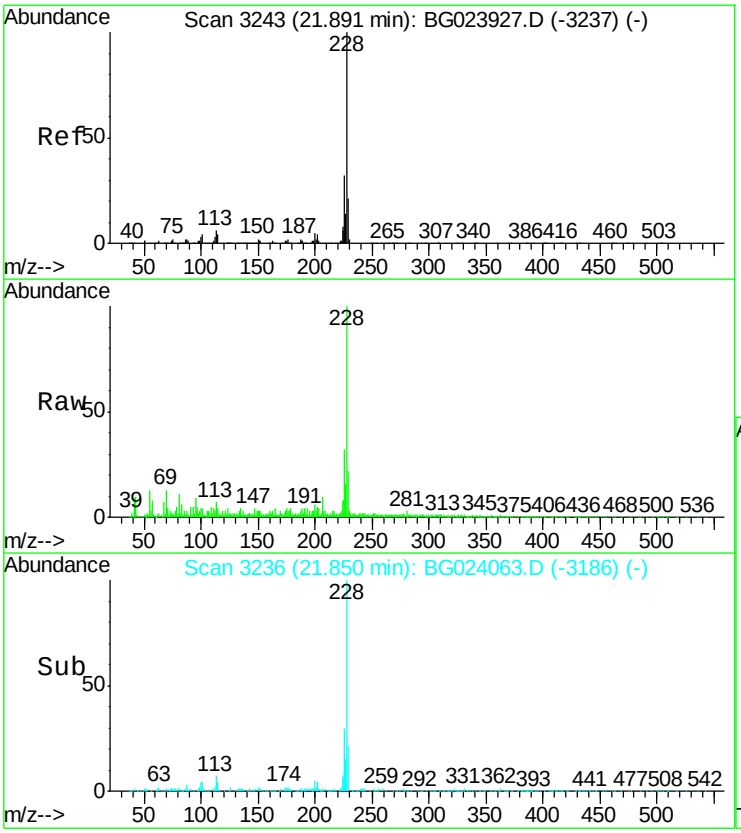
#80
Benzo(a)anthracene
Concen: 13.79 ng
RT: 21.79 min Scan# 3225
Delta R.T. 0.00 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-02

Tgt Ion:228 Resp: 303264

Ion	Ratio	Lower	Upper
228	100		
226	26.9	25.3	37.9
229	23.1	19.9	29.9

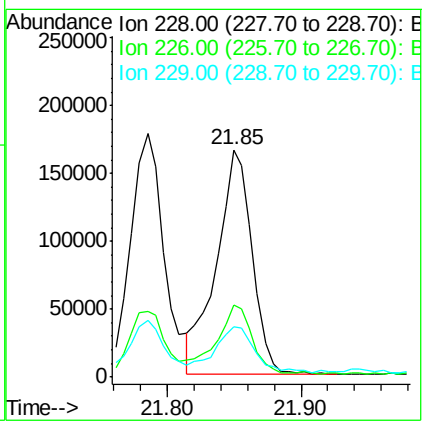


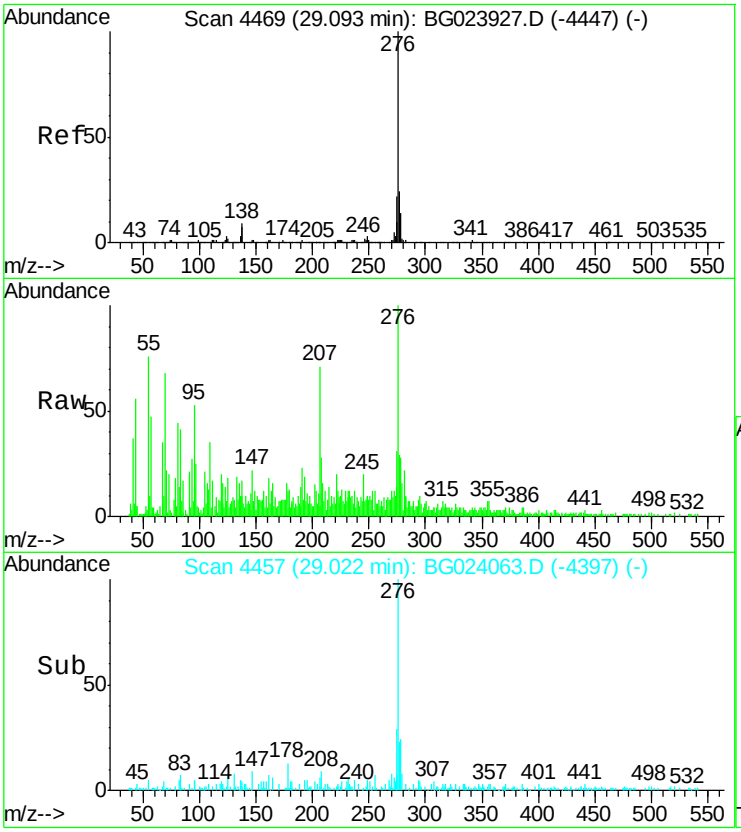


#82
Chrysene
Concen: 14.84 ng
RT: 21.85 min Scan# 3236
Delta R.T. -0.00 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Tgt Ion:228 Resp: 310626

Ion	Ratio	Lower	Upper
228	100		
226	31.7	26.7	40.1
229	22.3	17.4	26.2



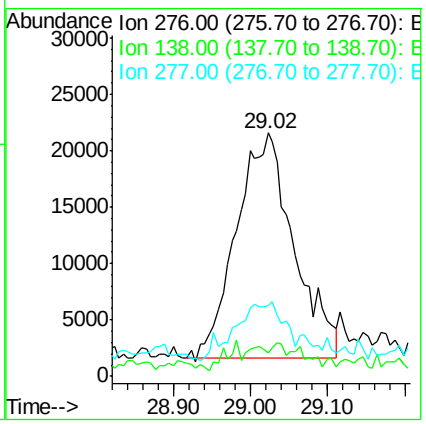


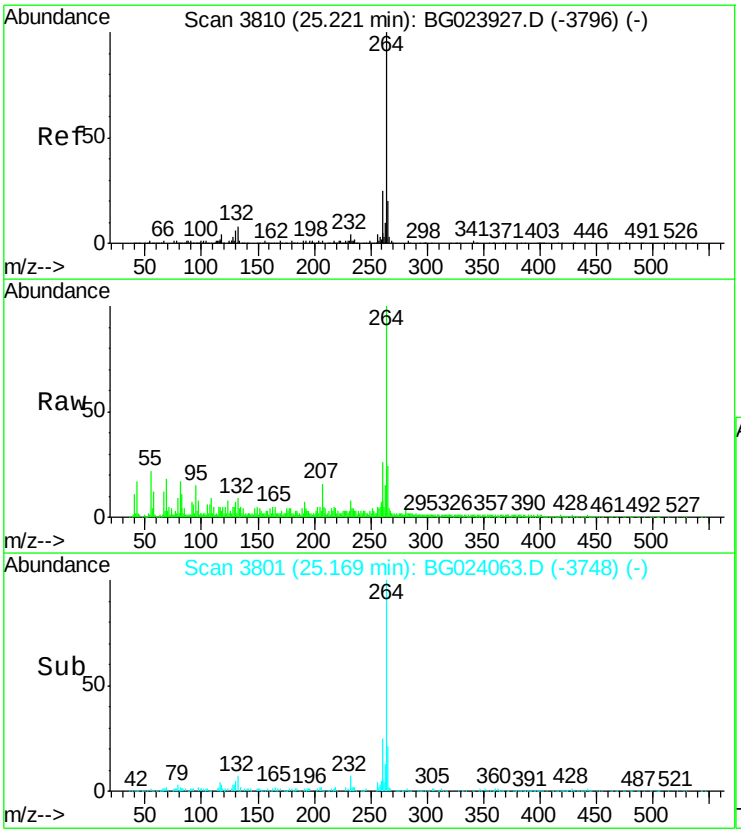
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.45 ng
RT: 29.02 min Scan# 4457
Delta R.T. 0.06 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-02

Tgt Ion:276 Resp: 103200

Ion	Ratio	Lower	Upper
276	100		
138	0.9	0.0	0.0#
277	0.0	0.0	0.0

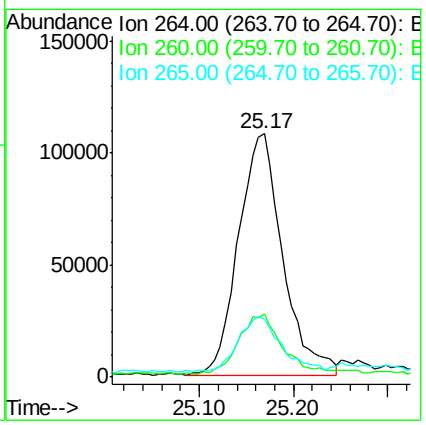


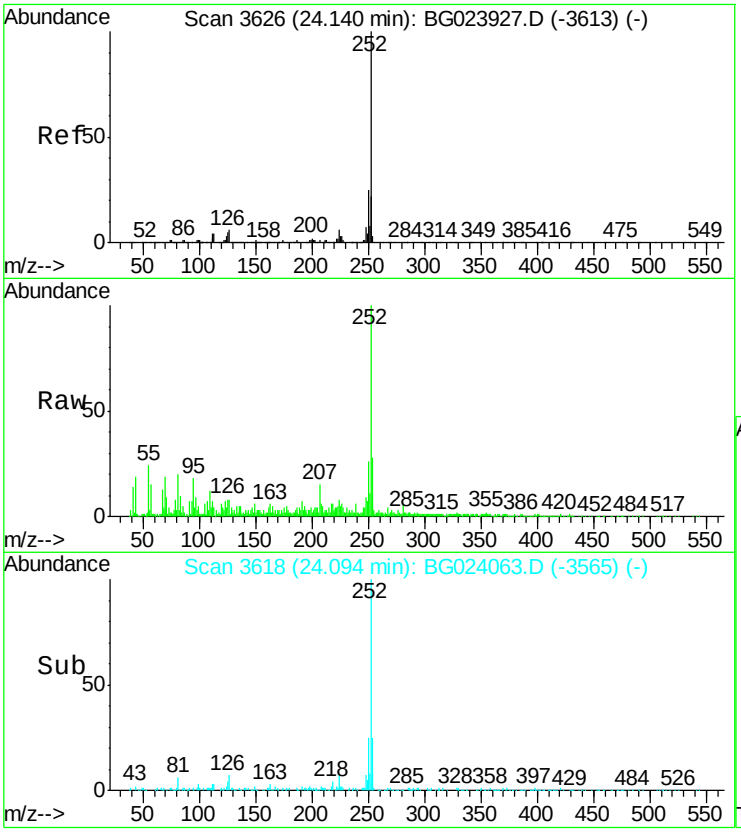


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.17 min Scan# 3801
Delta R.T. 0.01 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Tgt Ion:264 Resp: 350668

Ion	Ratio	Lower	Upper
264	100		
260	25.9	18.4	27.6
265	23.8	18.9	28.3



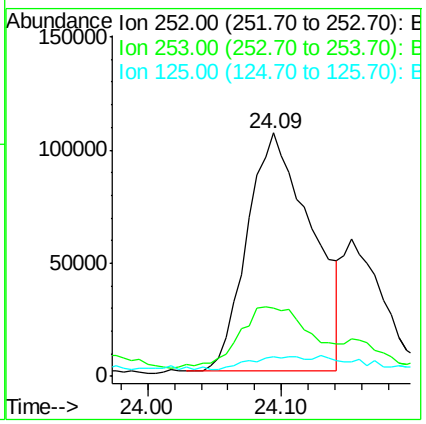


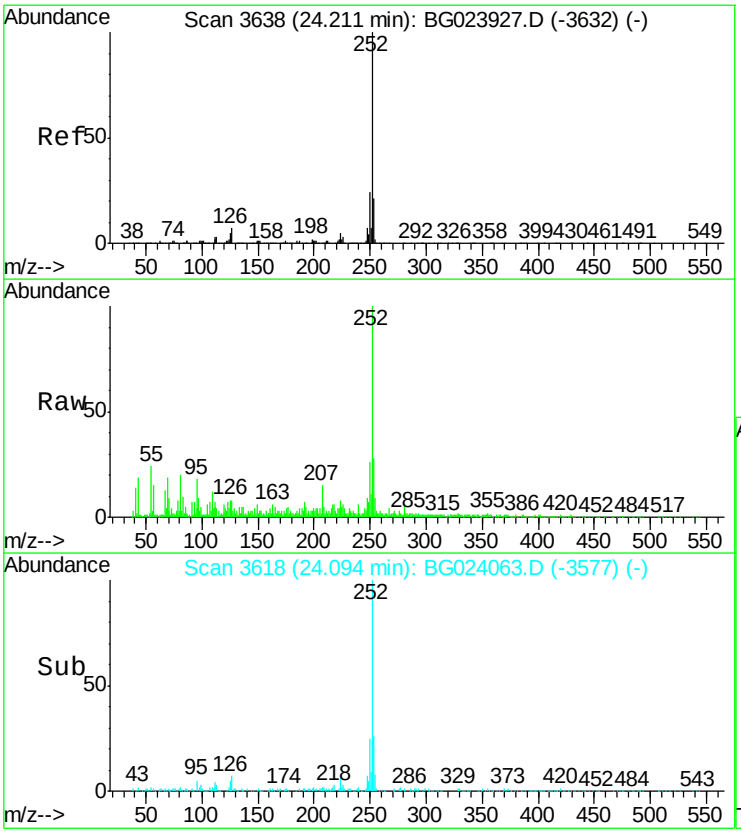
#87
Benzo(b)fluoranthene
Concen: 17.72 ng
RT: 24.09 min Scan# 3618
Delta R.T. 0.01 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-02

Tgt Ion:252 Resp: 352999

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.9	28.3
125	8.1	3.9	5.9#

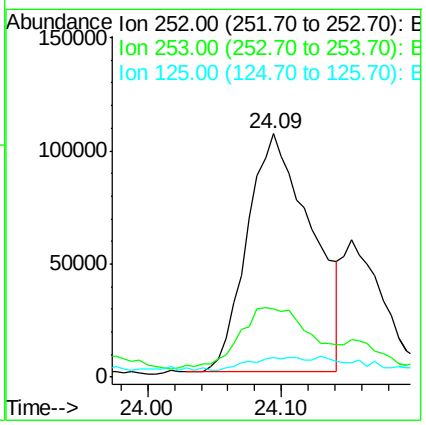


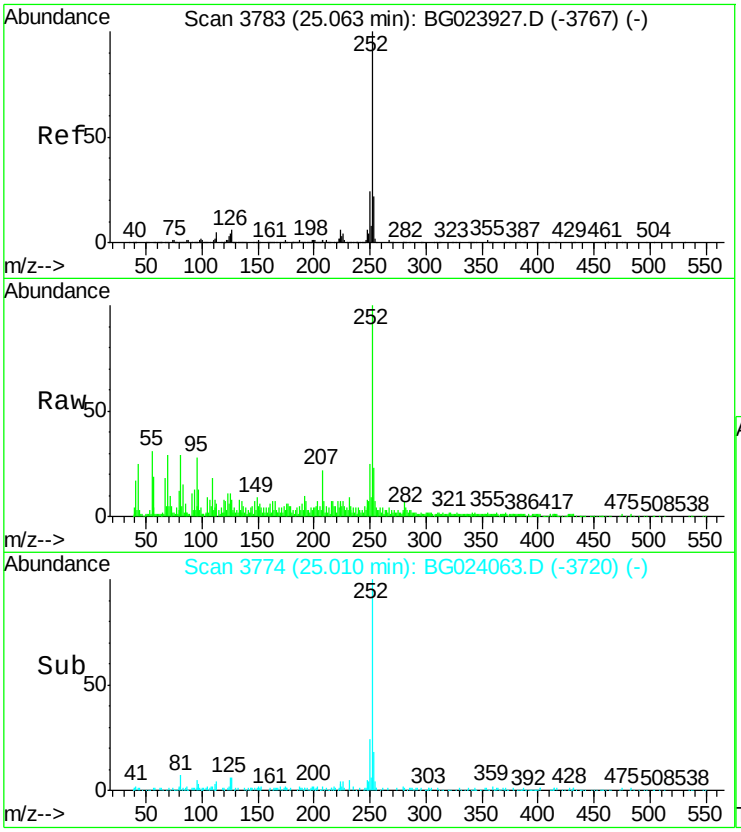


#88
Benzo(k)fluoranthene
Concen: 17.87 ng
RT: 24.09 min Scan# 3618
Delta R.T. -0.06 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Tgt Ion:252 Resp: 352999

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.8	28.2
125	8.1	3.2	4.8#



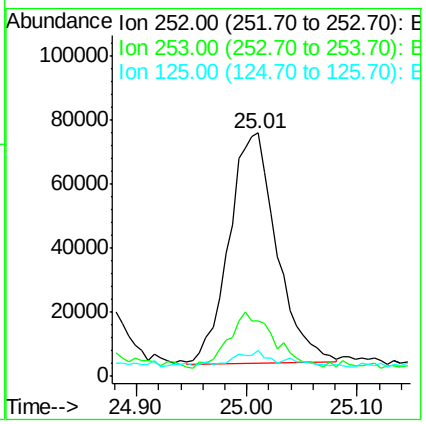


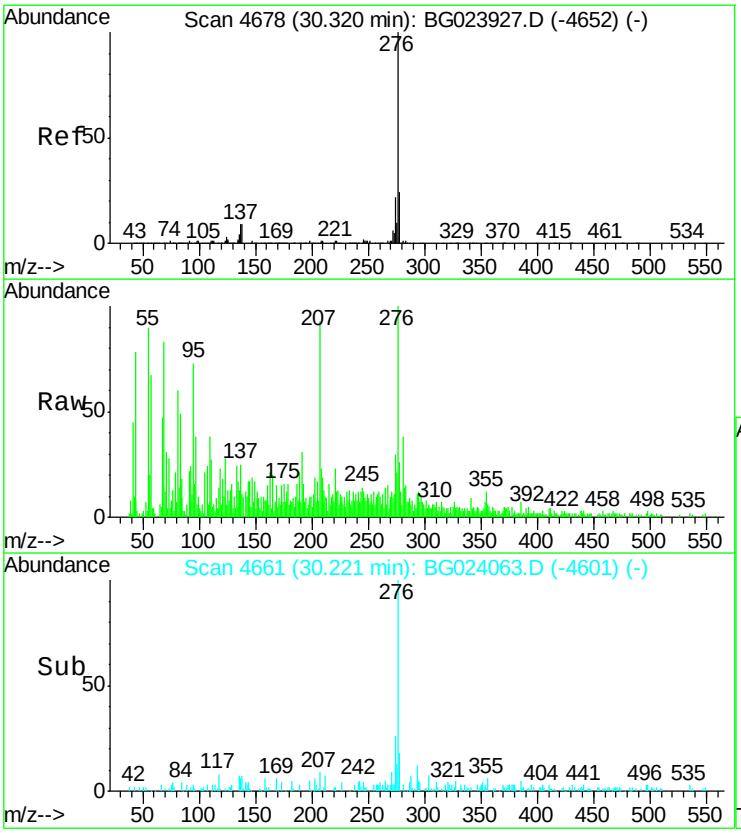
#89
Benzo(a)pyrene
Concen: 11.44 ng
RT: 25.01 min Scan# 3774
Delta R.T. 0.02 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-02

Tgt Ion:252 Resp: 216418

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	10.8	3.9	5.9#





#91
Benzo(g,h,i)perylene
Concen: 4.34 ng
RT: 30.22 min Scan# 4661
Delta R.T. 0.06 min
Lab File: BG024063.D
Acq: 21 Sep 2016 20:15

Tgt Ion:276 Resp: 77667

Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.6	27.8
138	11.0	6.8	10.2#