Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092116\
Data File : BG024057.D
Acq On : 21 Sep 2016 16:26
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-07-DUP

Quant Time: Sep 21 17:32:25 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	74919	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	317525	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	230462	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	401686	20.00	ng		0.00
75) Chrysene-d12	21.80	240	451991	20.00	ng		0.00
86) Perylene-d12	25.15	264	417741	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	519886	121.83	ng		0.00
7) Phenol-d6	7.23	99	818845	124.66	ng		0.00
23) Nitrobenzene-d5	9.23	82	639789	89.95	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	346201	83.38	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1195619	74.38	ng		0.00
78) Terphenyl-d14	20.10	244	1443192	72.72	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	8.37	79	12199	2.11	ng	#	68
40) Hexachlorocyclopentadiene	12.75	237	62	7.09	ng	#	26
49) Dimethylphthalate	14.17	163	293324	14.84	ng		97
53) 2,4-Dinitrophenol	14.90	184	73	6.53	ng	#	34
70) Phenanthrene	17.53	178	217210	10.39	ng		98
74) Fluoranthene	19.55	202	415342	16.51	ng		95
77) Pyrene	19.91	202	390663	14.05	ng		93
80) Benzo(a)anthracene	21.78	228	240130	9.49	ng		94
82) Chrysene	21.85	228	265131	11.01	ng		95
83) Bis(2-ethylhexyl)phthalate	21.66	149	2642109	180.08	ng	#	91
85) Indeno(1,2,3-cd)pyrene	28.99	276	126071	4.73	ng	#	100
87) Benzo(b)fluoranthene	24.08	252	324628	13.68	ng	#	98
88) Benzo(k)fluoranthene	24.08	252	324628	13.80	ng	#	97
89) Benzo(a)pyrene	24.99	252	221585	9.83	ng	#	94
91) Benzo(g,h,i)perylene	30.21	276	108721	5.10	ng	#	79

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092116\
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Acq On : 21 Sep 2016 16:26
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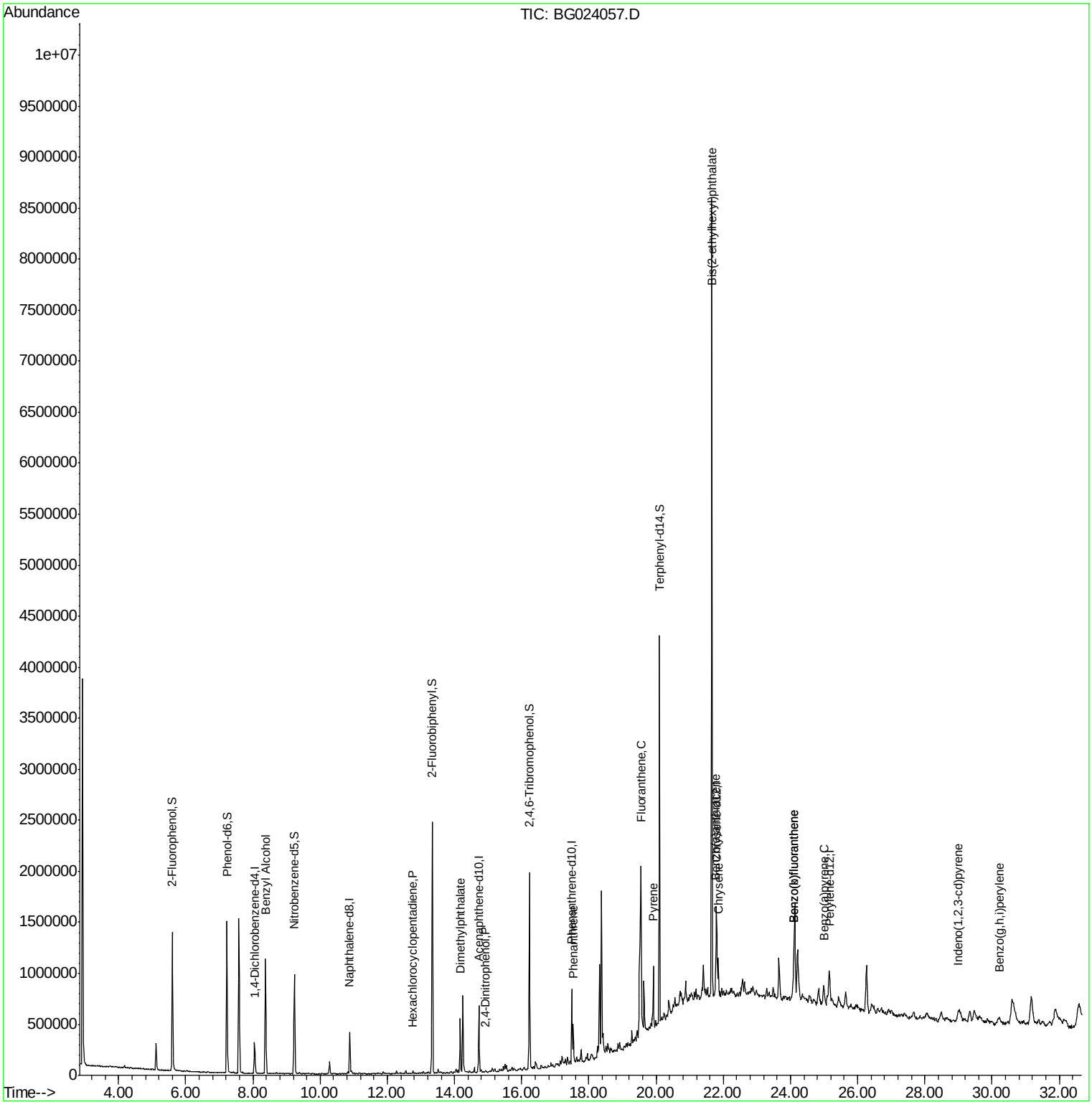
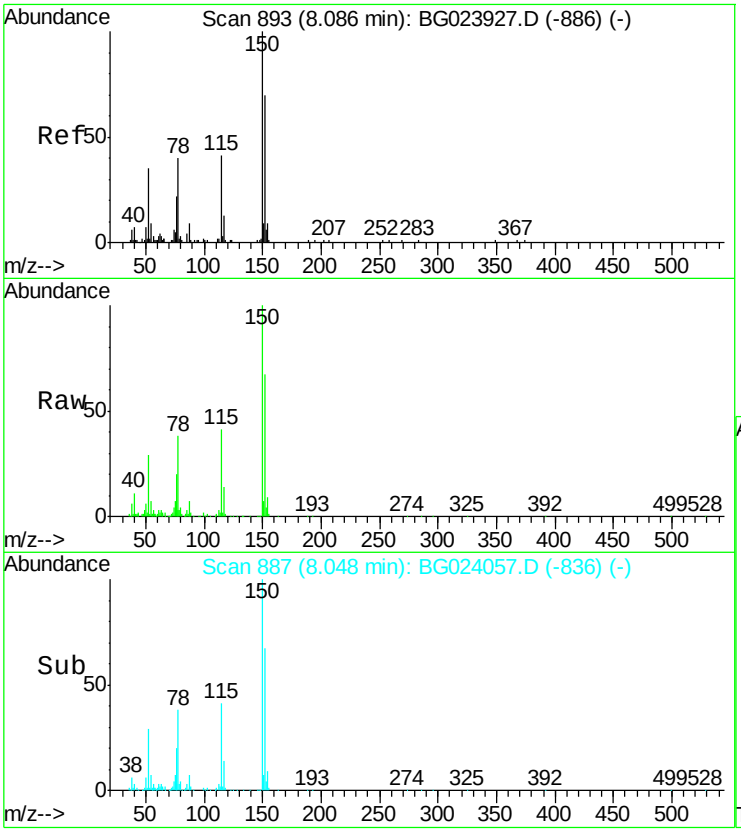
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUP

Quant Time: Sep 21 17:32:25 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



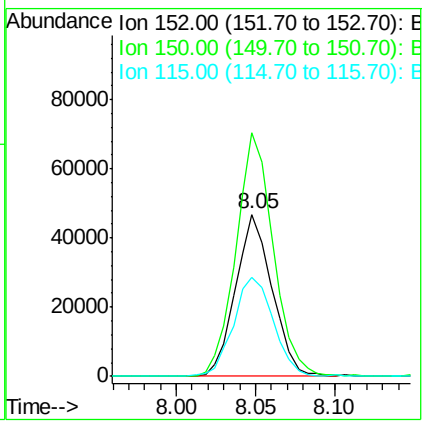


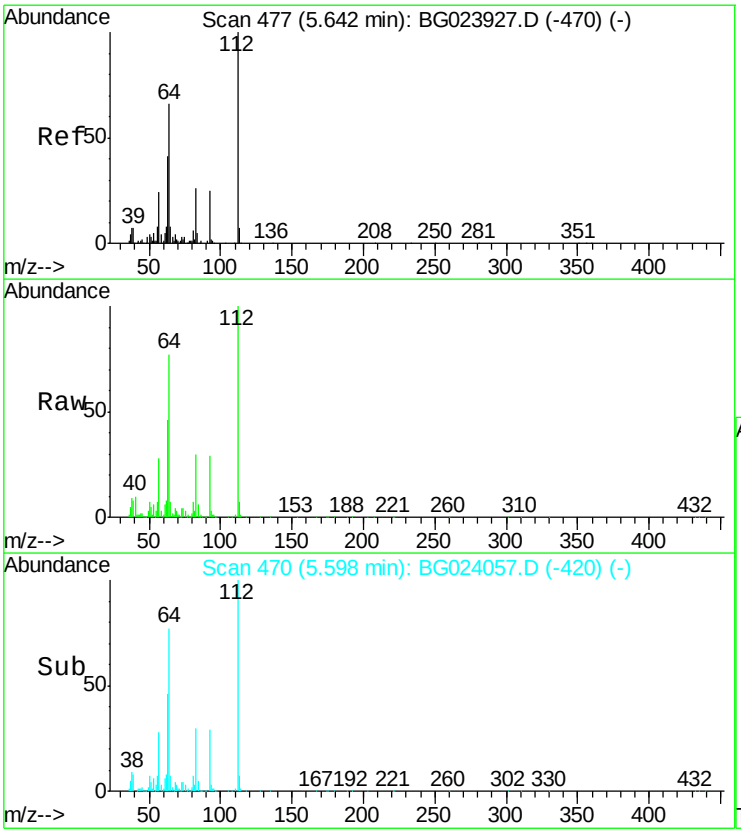
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUP

Tgt Ion:152 Resp: 74919

Ion	Ratio	Lower	Upper
152	100		
150	150.3	144.7	217.1
115	61.0	64.0	96.0#

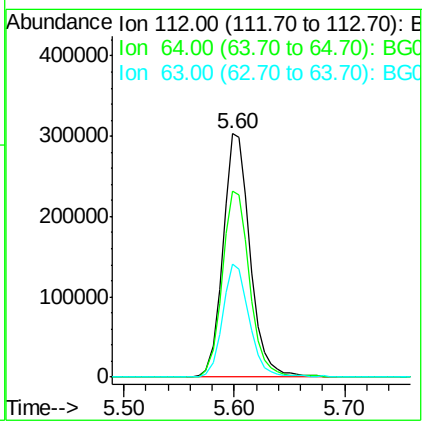


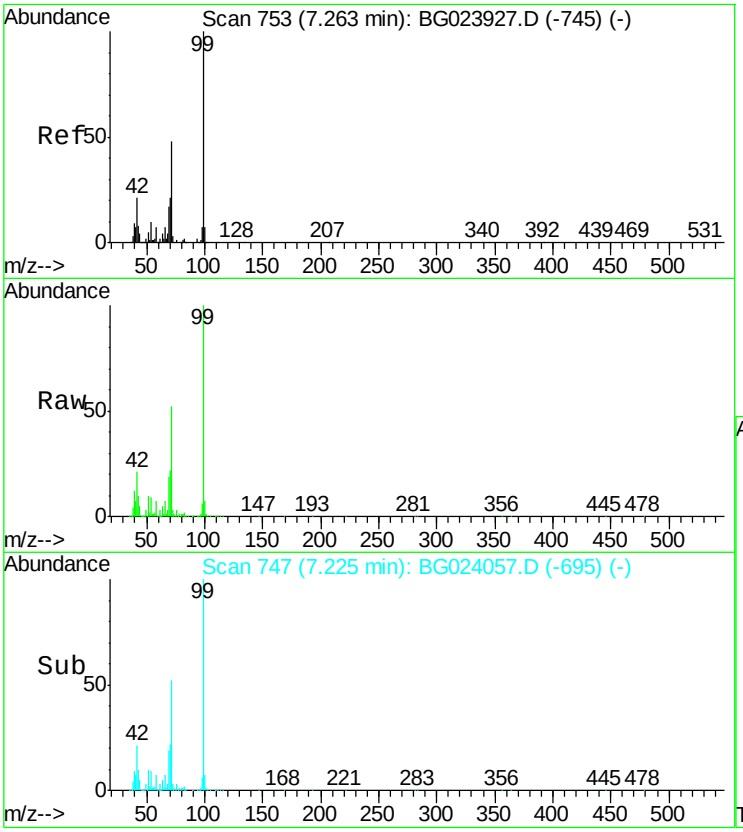


#5
2-Fluorophenol
Concen: 121.83 ng
RT: 5.60 min Scan# 470
Delta R.T. -0.01 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Tgt Ion:112 Resp: 519886

Ion	Ratio	Lower	Upper
112	100		
64	76.5	59.0	88.4
63	46.4	37.8	56.8



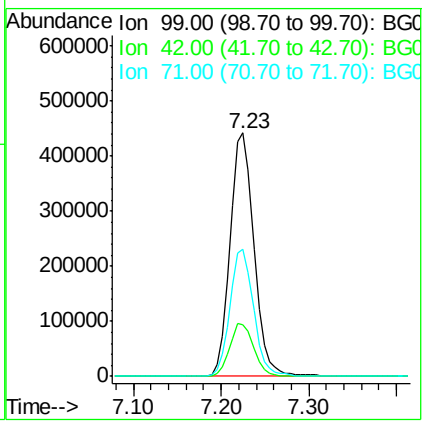


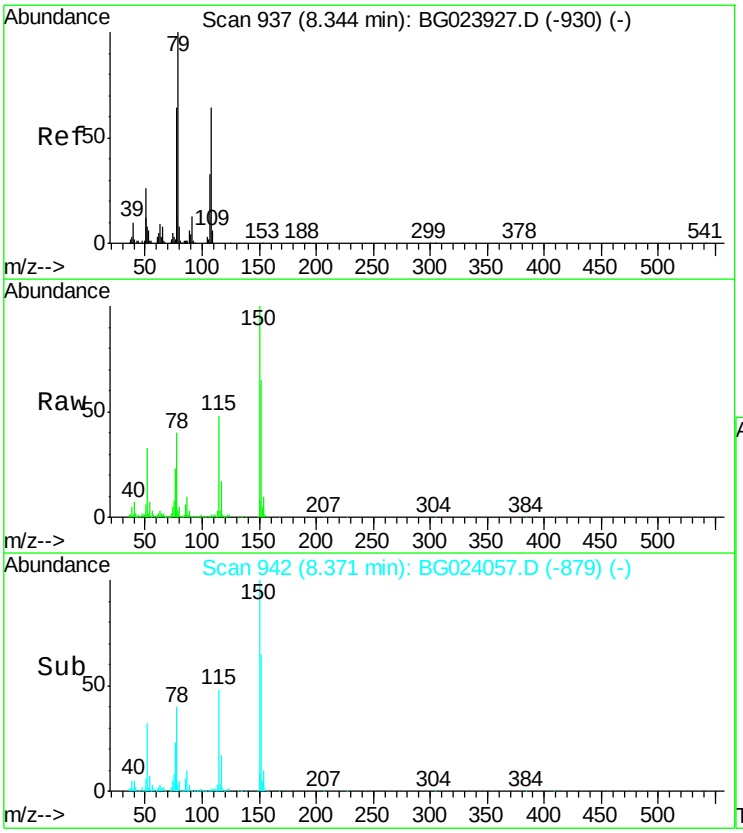
#7
Phenol-d6
Concen: 124.66 ng
RT: 7.23 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUP

Tgt Ion: 99 Resp: 818845

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.8	26.6
71	52.2	41.5	62.3

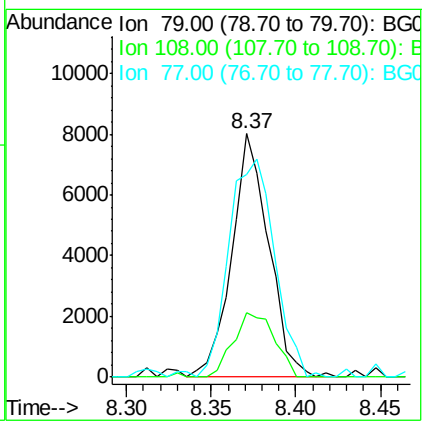


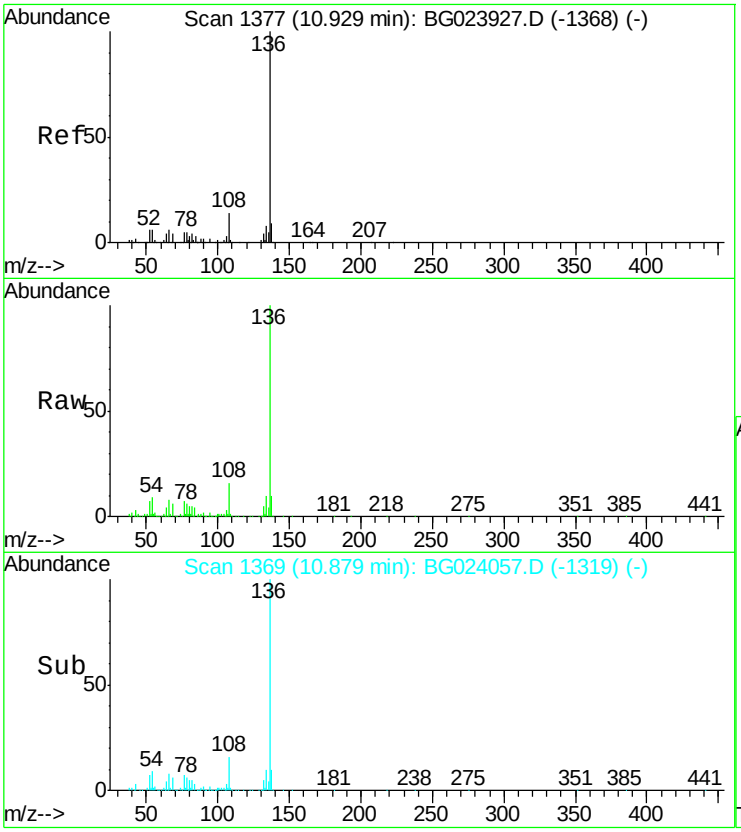


#15
Benzyl Alcohol
Concen: 2.11 ng
RT: 8.37 min Scan# 942
Delta R.T. 0.07 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Tgt Ion: 79 Resp: 12199

Ion	Ratio	Lower	Upper
79	100		
108	26.6	46.5	69.7#
77	83.3	52.3	78.5#



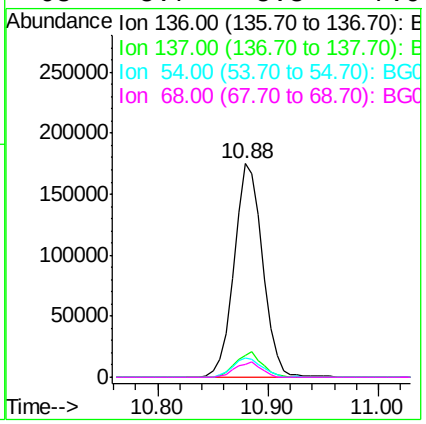


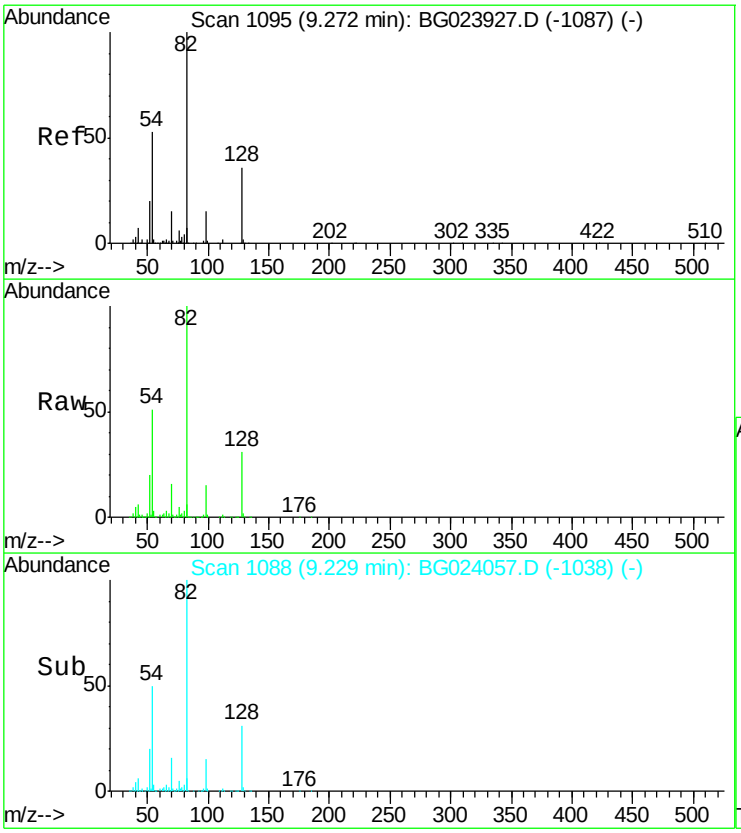
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUP

Tgt Ion:136 Resp: 317525

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	8.9	7.3	10.9
68	5.7	5.3	7.9

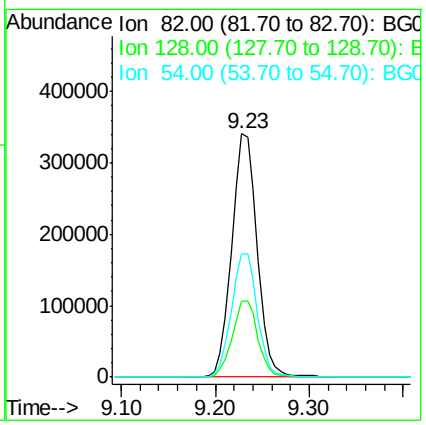


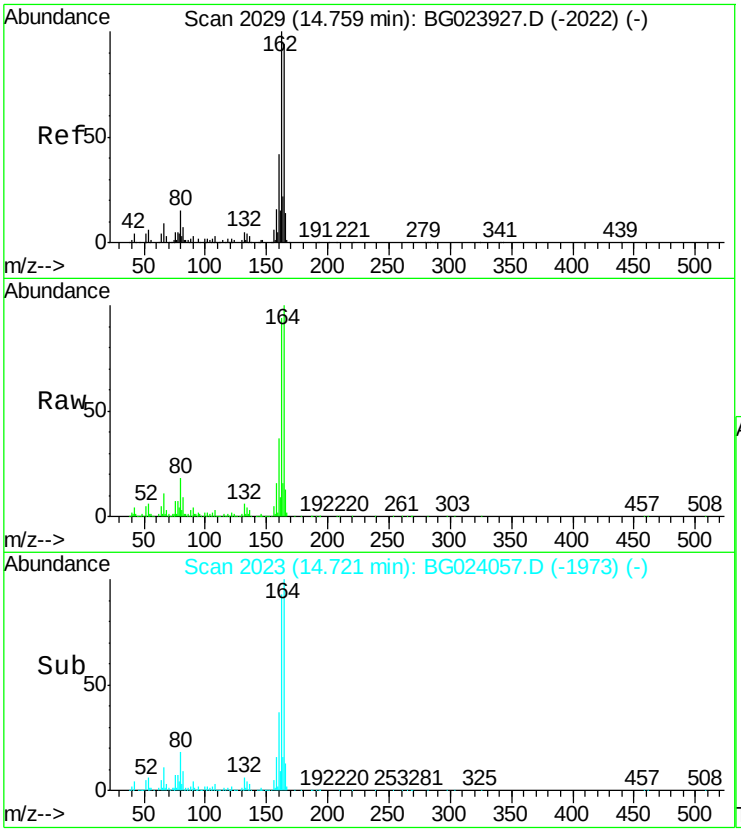


#23
Nitrobenzene-d5
Concen: 89.95 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Tgt Ion: 82 Resp: 639789

Ion	Ratio	Lower	Upper
82	100		
128	31.1	24.4	36.6
54	50.6	41.4	62.0



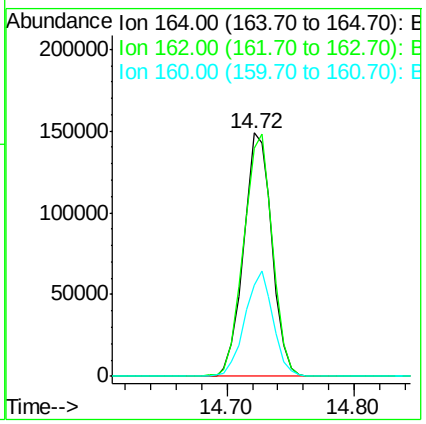


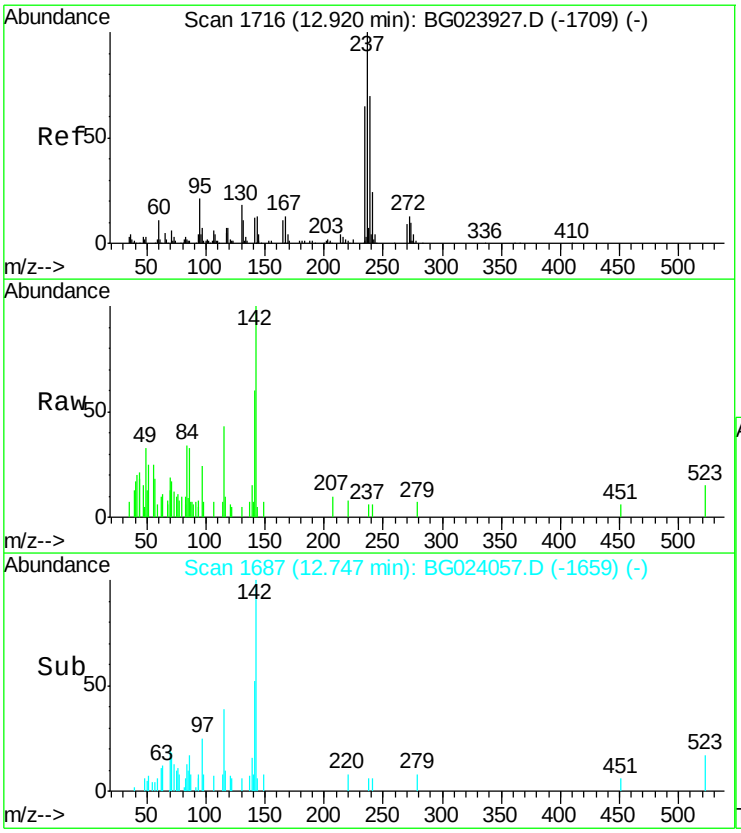
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUP

Tgt Ion:164 Resp: 230462

Ion	Ratio	Lower	Upper
164	100		
162	93.5	87.7	131.5
160	37.4	37.2	55.8

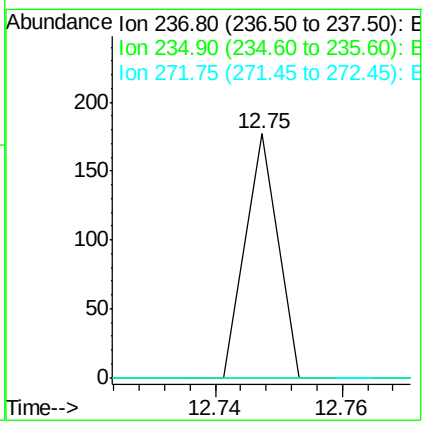


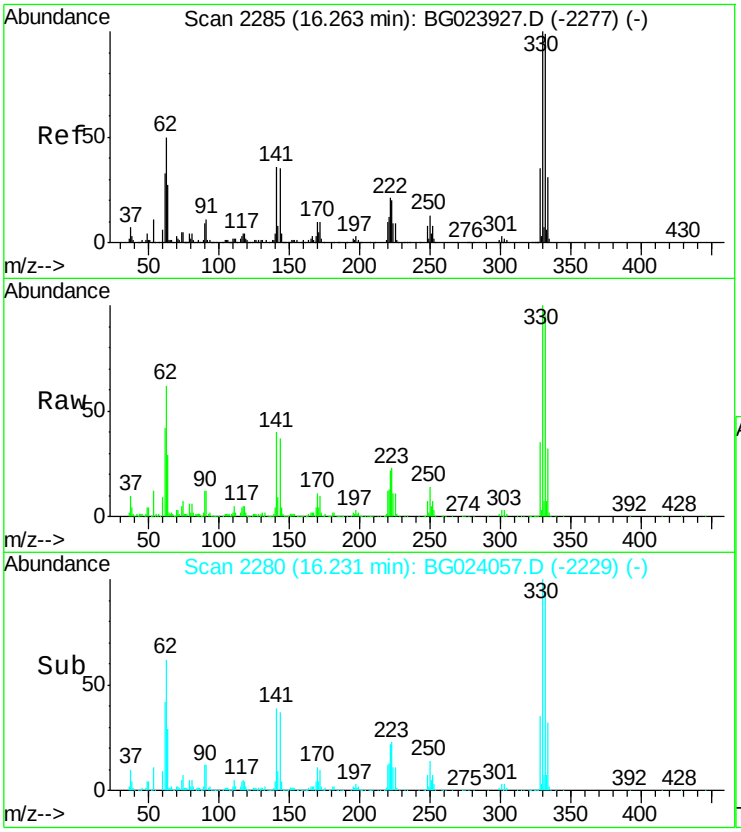


#40
Hexachlorocyclopentadiene
Concen: 7.09 ng
RT: 12.75 min Scan# 1687
Delta R.T. -0.14 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Tgt Ion:237 Resp: 62

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



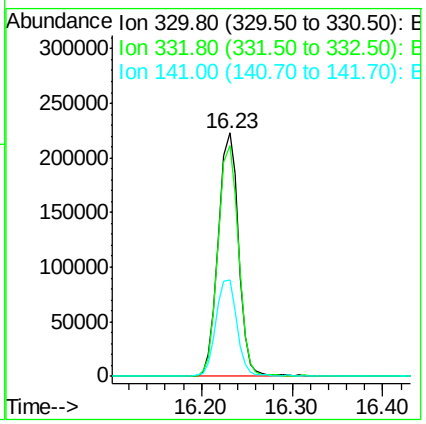


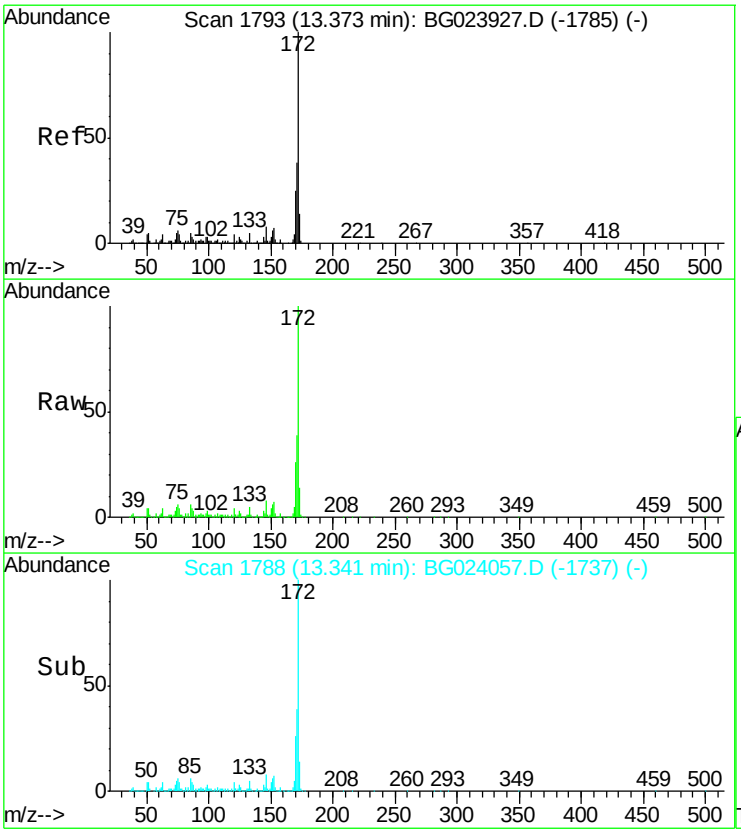
#41
2,4,6-Tribromophenol
Concen: 83.38 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUP

Tgt Ion:330 Resp: 346201

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	40.4	31.7	47.5

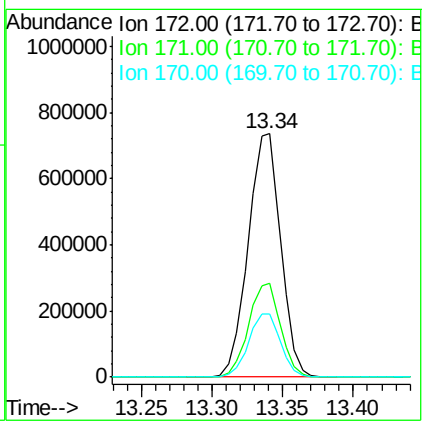


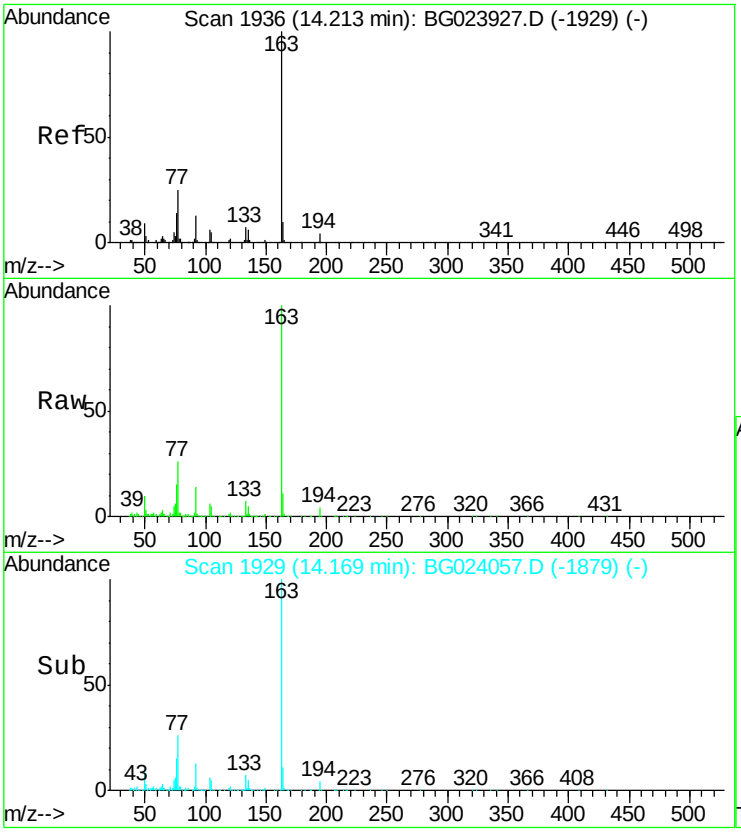


#44
2-Fluorobiphenyl
Concen: 74.38 ng
RT: 13.34 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Tgt Ion:172 Resp: 1195619

Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.6	47.4
170	25.8	21.3	31.9



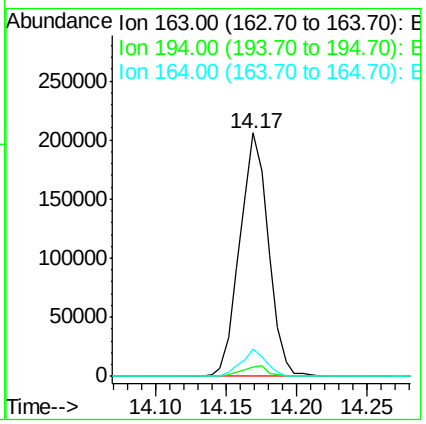


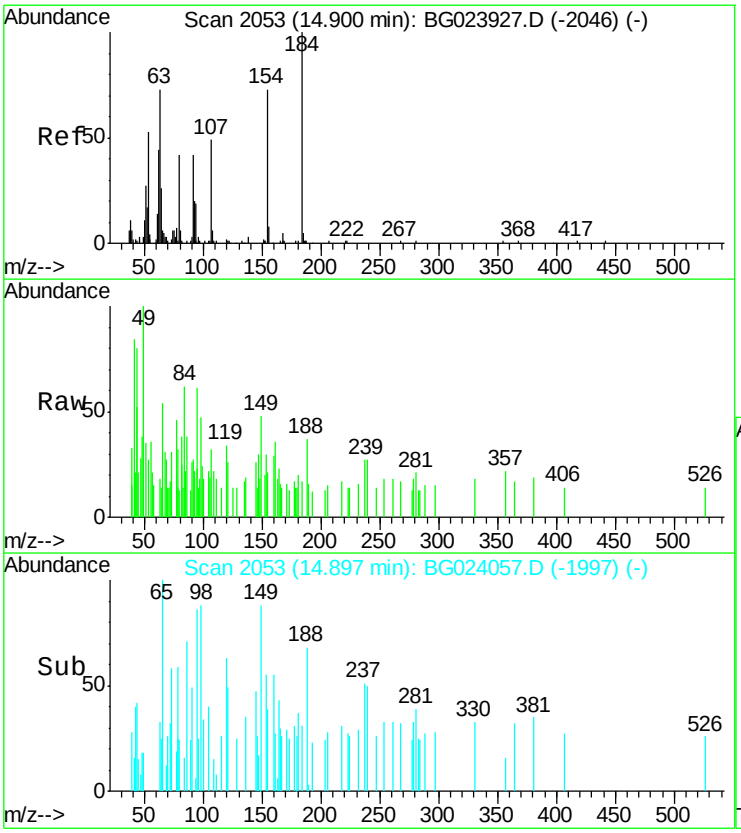
#49
Dimethylphthalate
Concen: 14.84 ng
RT: 14.17 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUP

Tgt Ion:163 Resp: 293324

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	11.3	8.1	12.1

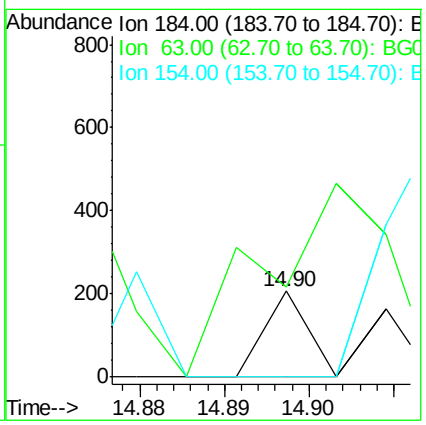


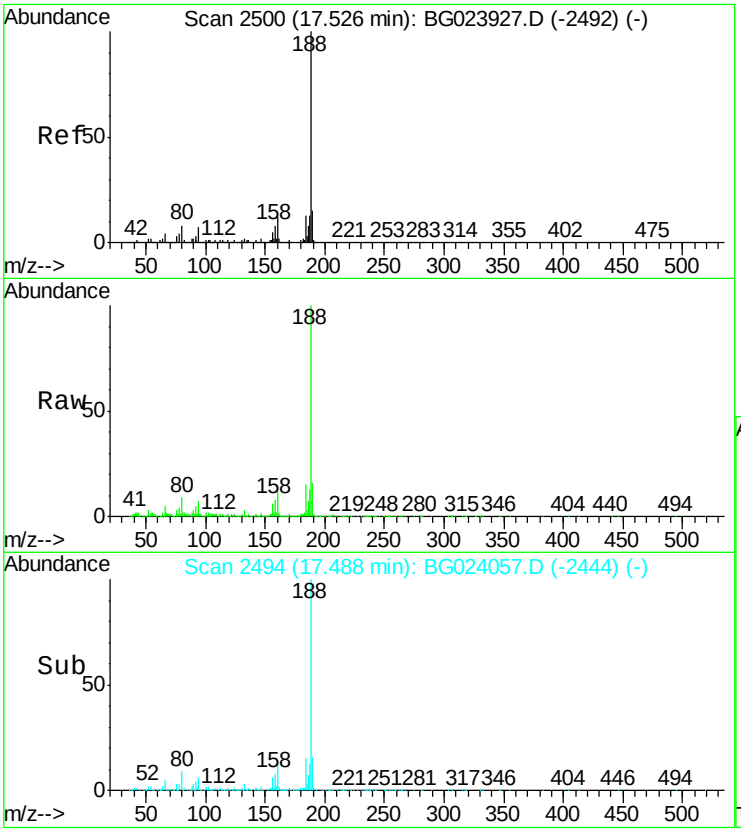


#53
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.90 min Scan# 2053
Delta R.T. 0.03 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Tgt Ion:184 Resp: 73

Ion	Ratio	Lower	Upper
184	100		
63	104.4	59.6	89.4#
154	0.0	67.4	101.0#



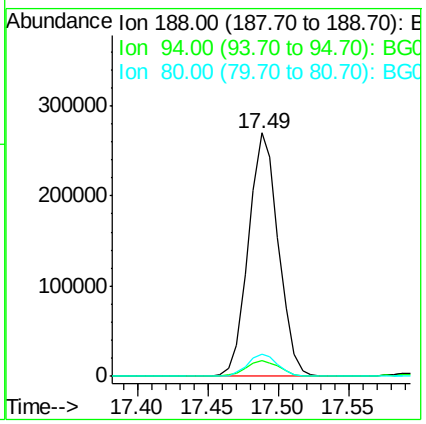


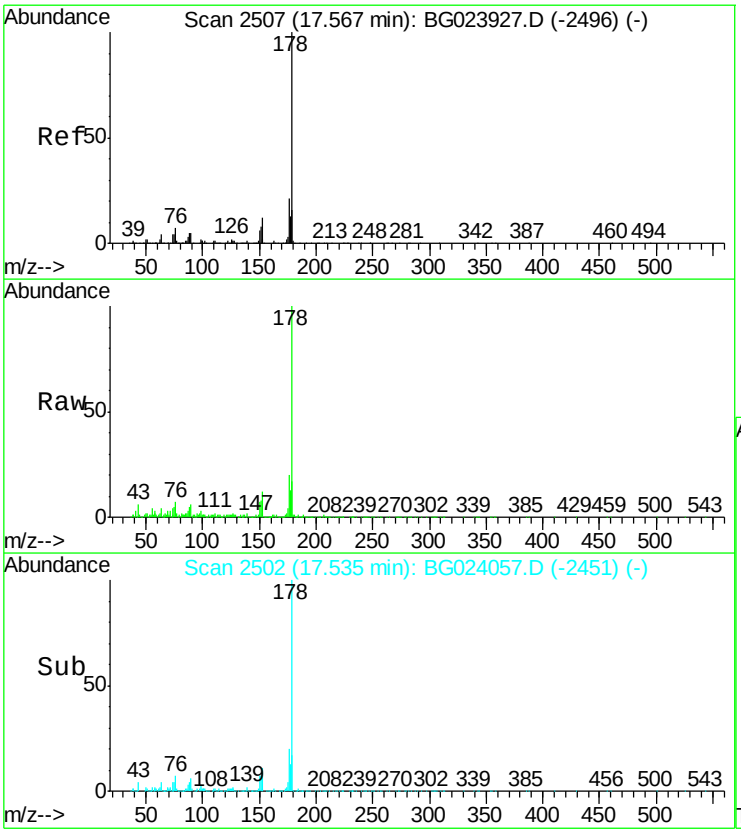
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUP

Tgt Ion:188 Resp: 401686

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.2	7.8
80	9.1	7.2	10.8

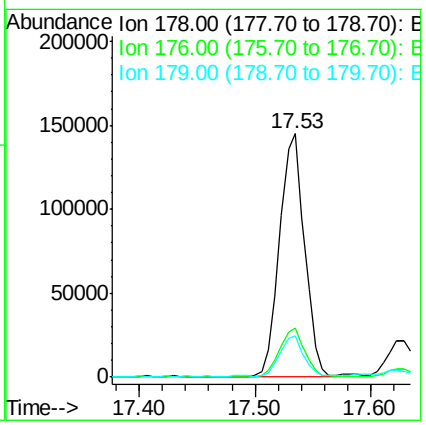


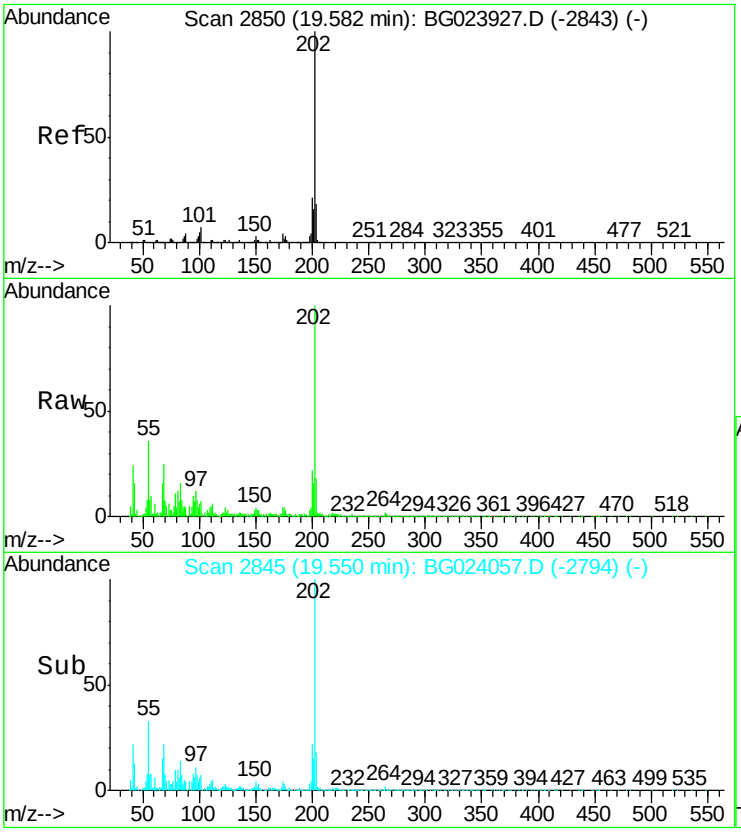


#70
Phenanthrene
Concen: 10.39 ng
RT: 17.53 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Tgt Ion:178 Resp: 217210

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.8	25.2
179	17.0	14.3	21.5



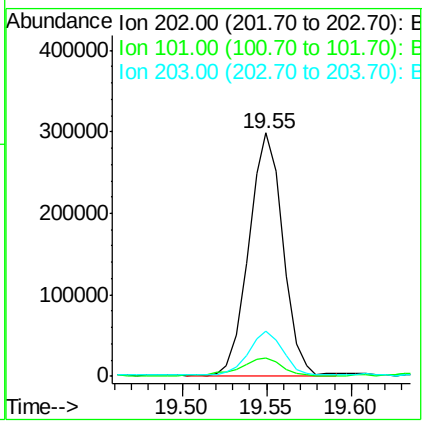


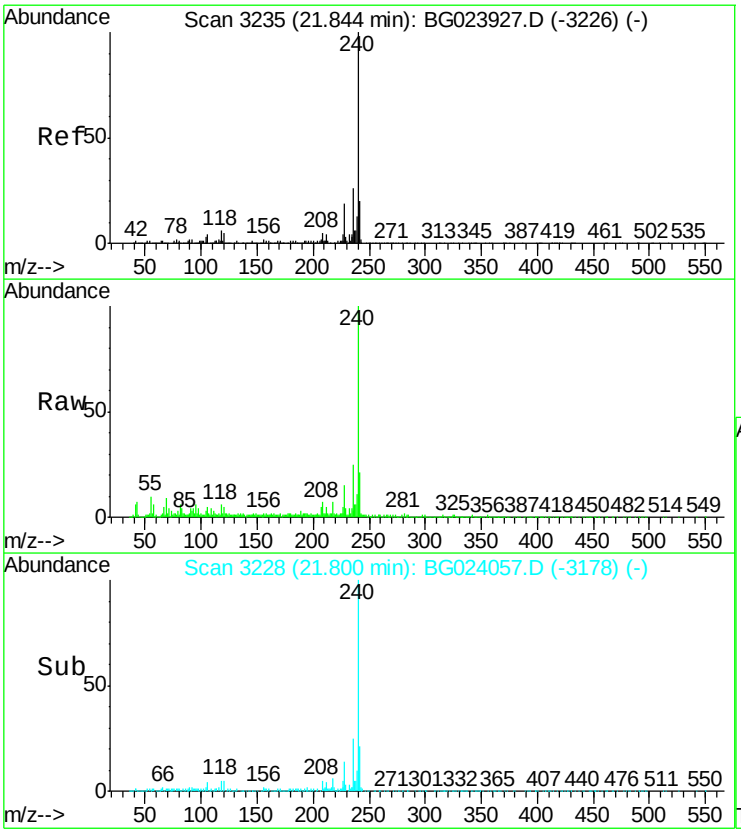
#74
Fluoranthene
Concen: 16.51 ng
RT: 19.55 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUP

Tgt Ion:202 Resp: 415342

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	27.4
203	18.4	1.7	41.7

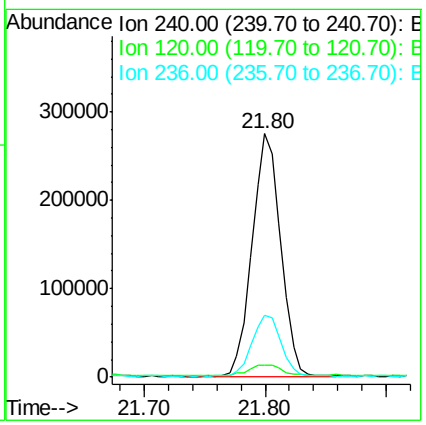


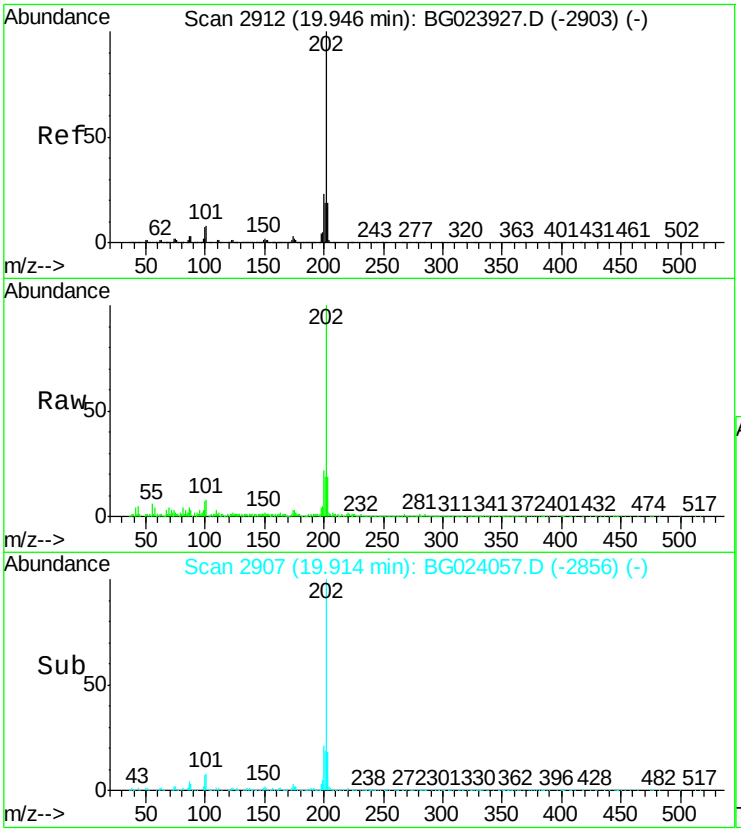


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Tgt Ion:240 Resp: 451991

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.1	6.1
236	25.5	21.1	31.7



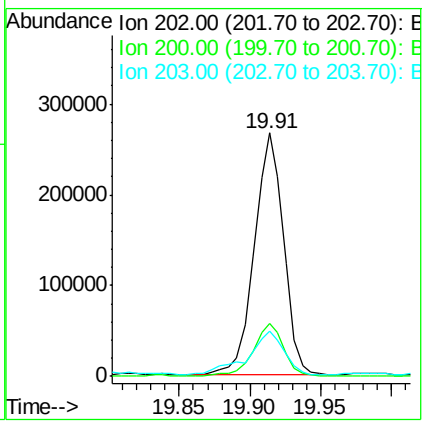


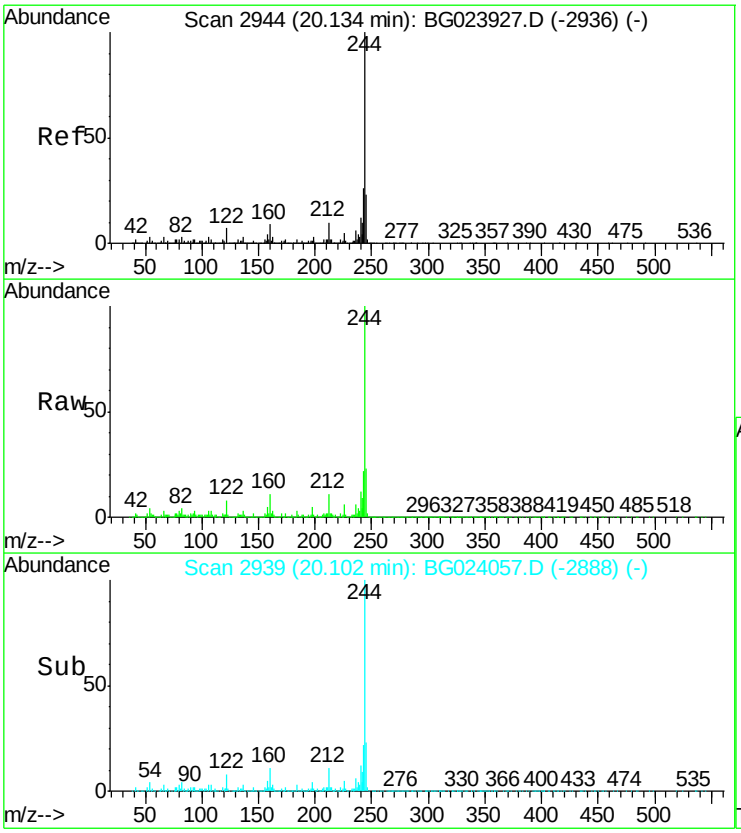
#77
Pyrene
Concen: 14.05 ng
RT: 19.91 min Scan# 2907
Delta R.T. -0.00 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUP

Tgt Ion:202 Resp: 390663

Ion	Ratio	Lower	Upper
202	100		
200	21.5	21.2	31.8
203	18.8	16.8	25.2

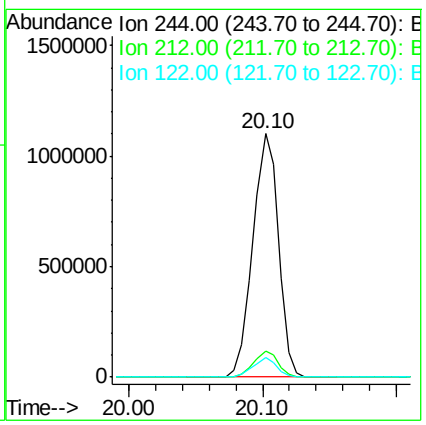


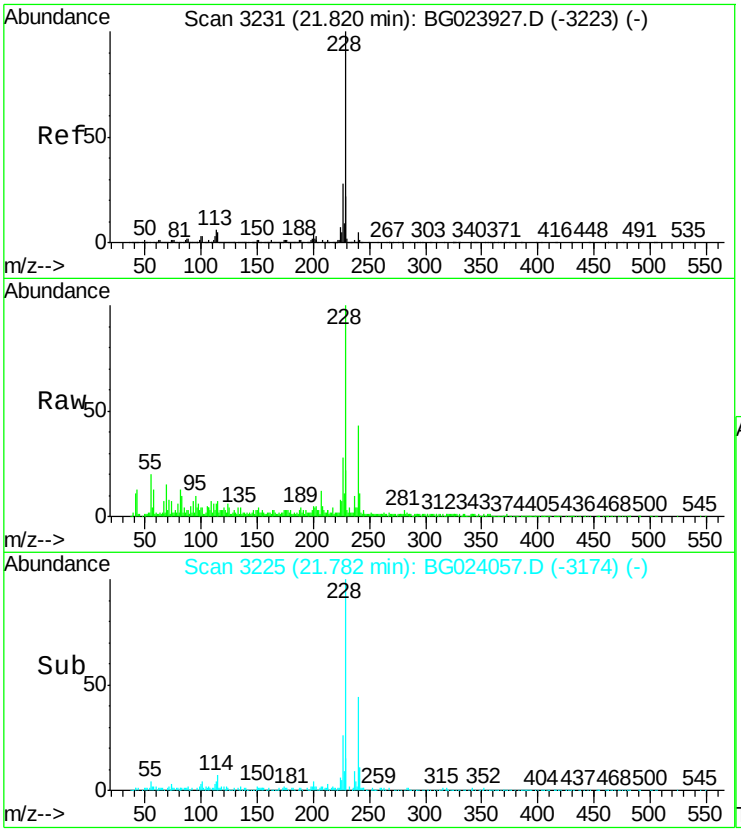


#78
Terphenyl-d14
Concen: 72.72 ng
RT: 20.10 min Scan# 2939
Delta R.T. -0.00 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Tgt Ion:244 Resp: 1443192

Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.8	16.2#
122	7.9	8.0	12.0#



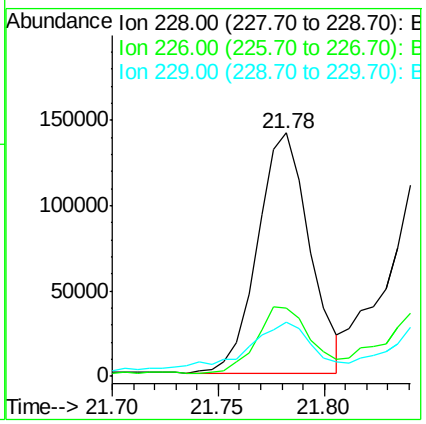


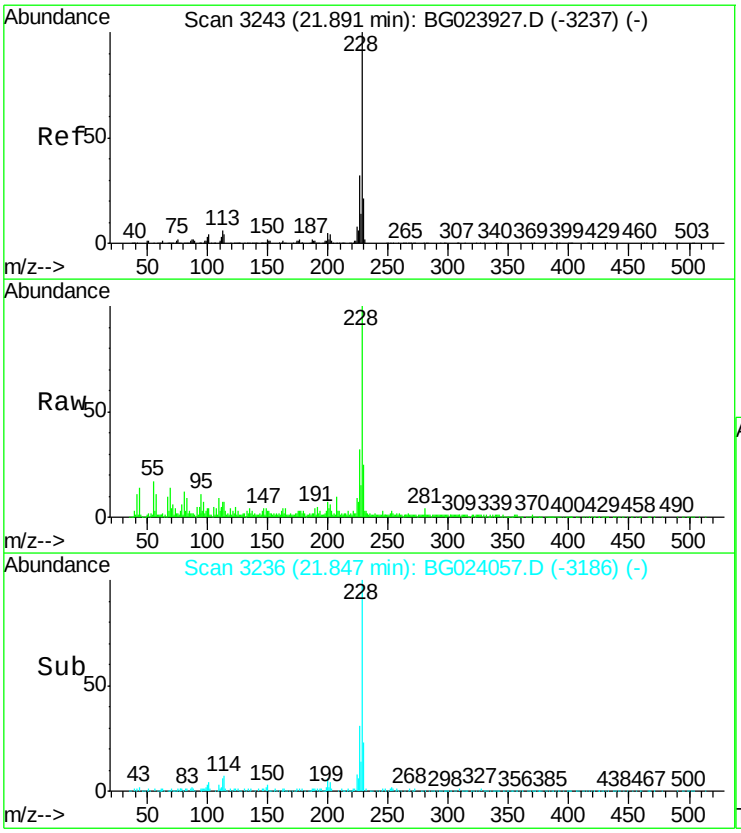
#80
Benzo(a)anthracene
Concen: 9.49 ng
RT: 21.78 min Scan# 3225
Delta R.T. -0.00 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUP

Tgt Ion:228 Resp: 240130

Ion	Ratio	Lower	Upper
228	100		
226	28.2	25.3	37.9
229	22.3	19.9	29.9

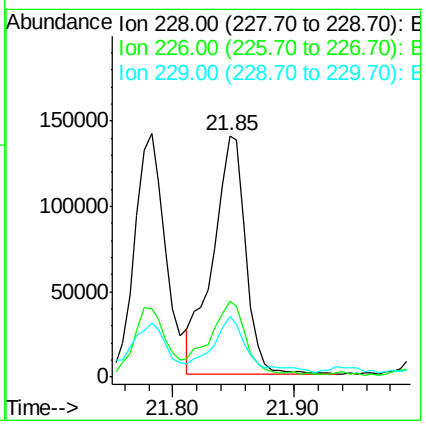


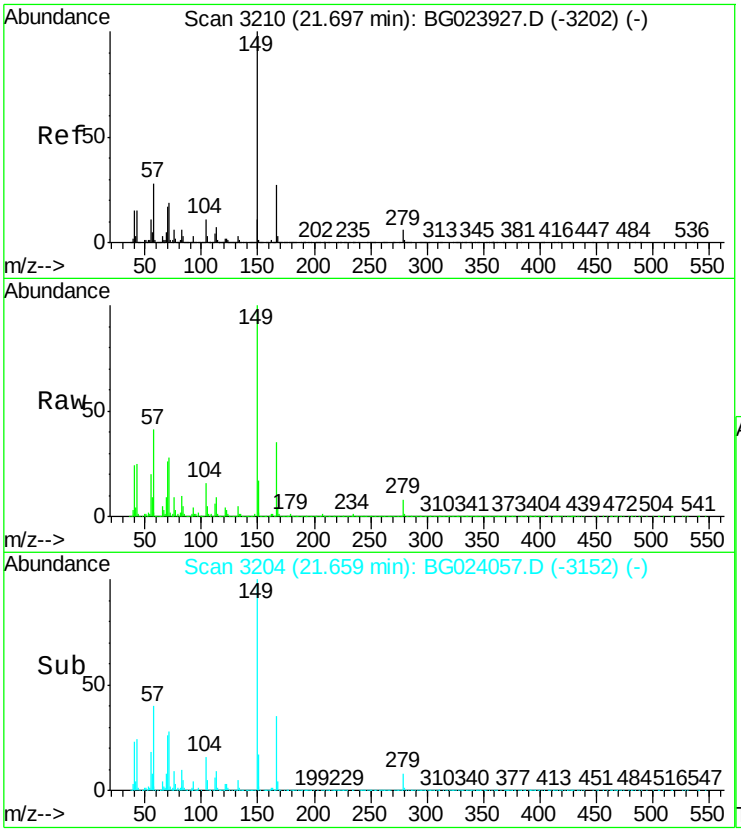


#82
Chrysene
Concen: 11.01 ng
RT: 21.85 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Tgt Ion:228 Resp: 265131

Ion	Ratio	Lower	Upper
228	100		
226	31.5	26.7	40.1
229	24.9	17.4	26.2



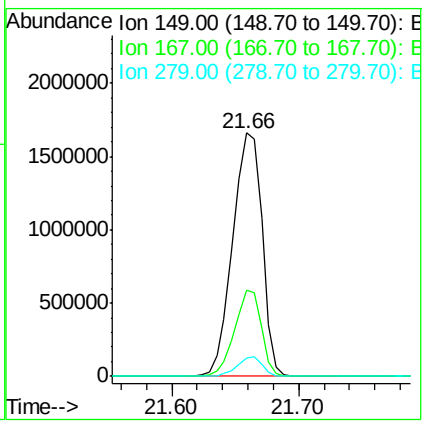


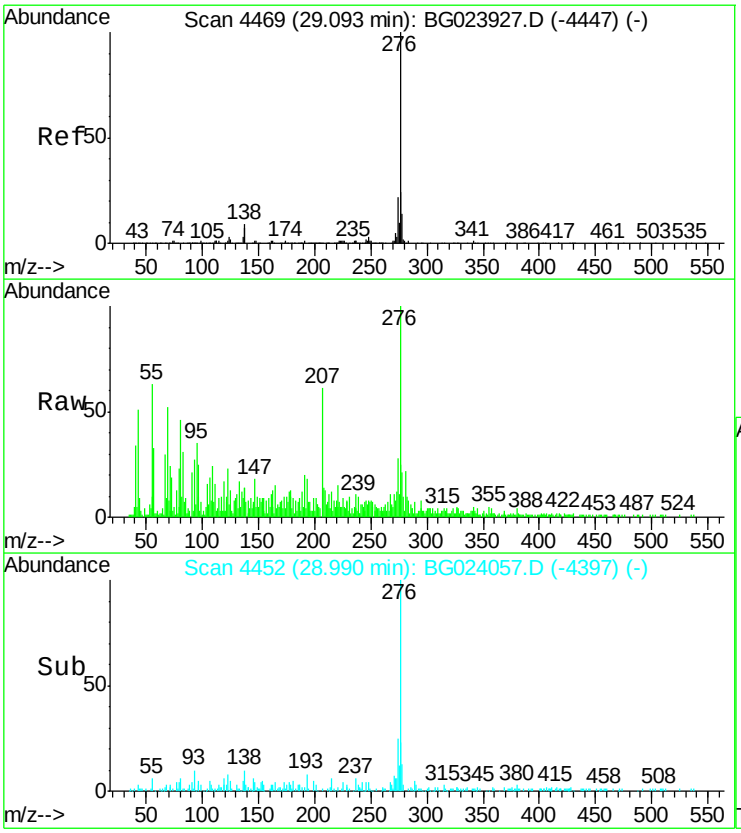
#83
Bis(2-ethylhexyl)phthalate
Concen: 180.08 ng
RT: 21.66 min Scan# 3204
Delta R.T. 0.00 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUP

Tgt Ion:149 Resp: 2642109

Ion	Ratio	Lower	Upper
149	100		
167	35.3	24.0	36.0
279	7.7	4.8	7.2#

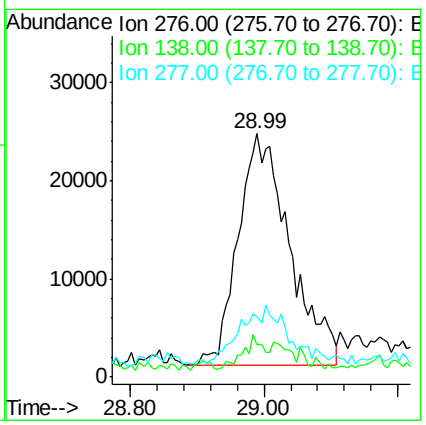


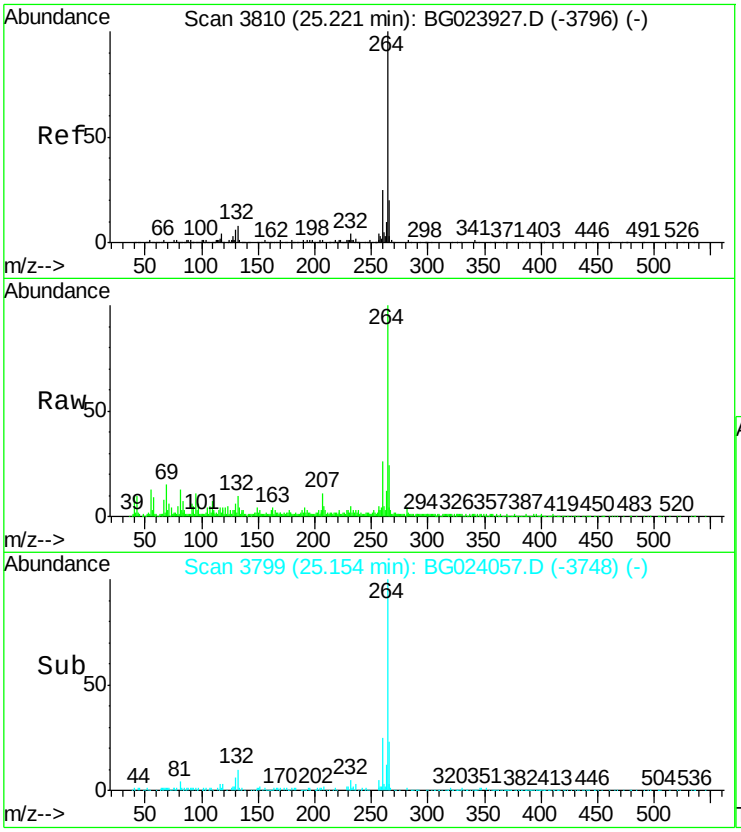


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.73 ng
RT: 28.99 min Scan# 4452
Delta R.T. 0.02 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Tgt Ion:276 Resp: 126071

Ion	Ratio	Lower	Upper
276	100		
138	6.2	0.0	0.0#
277	0.0	0.0	0.0



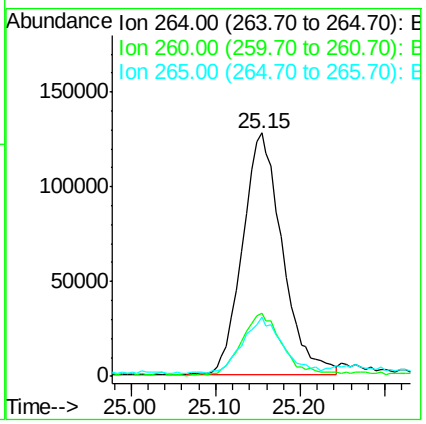


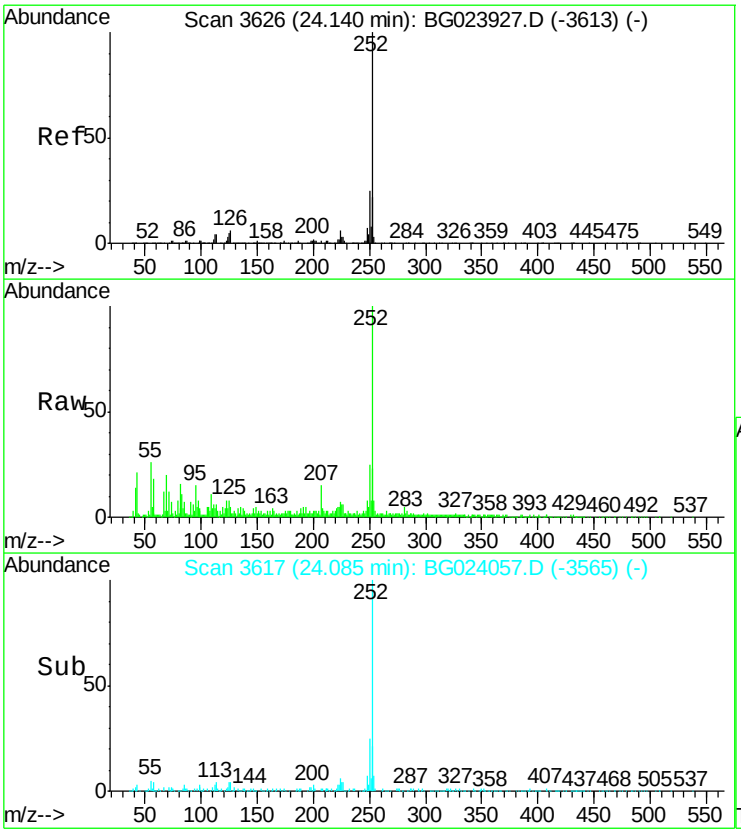
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.15 min Scan# 3799
Delta R.T. -0.00 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUP

Tgt Ion:264 Resp: 417741

Ion	Ratio	Lower	Upper
264	100		
260	25.8	18.4	27.6
265	24.5	18.9	28.3

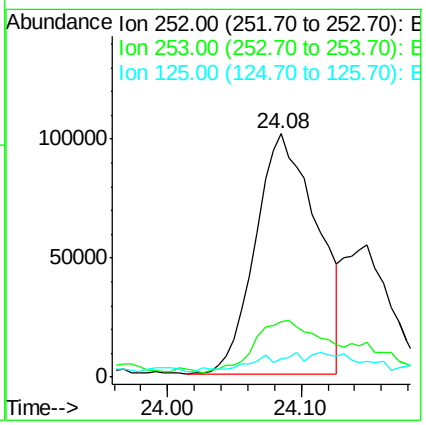


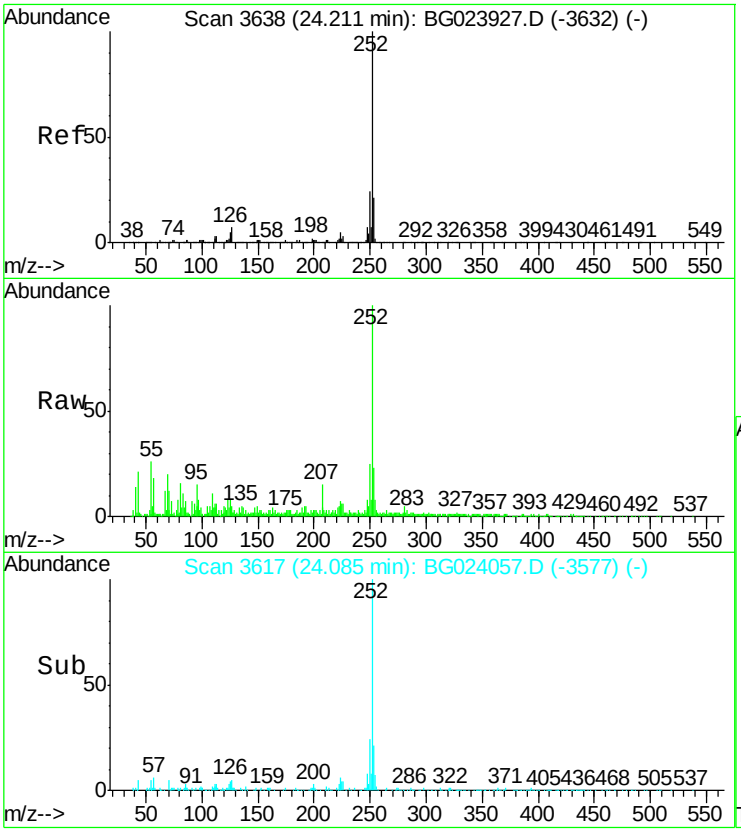


#87
Benzo(b)fluoranthene
Concen: 13.68 ng
RT: 24.08 min Scan# 3617
Delta R.T. 0.00 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Tgt Ion:252 Resp: 324628

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.9	28.3
125	7.6	3.9	5.9#



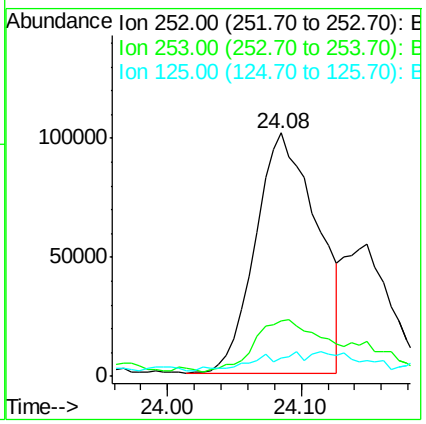


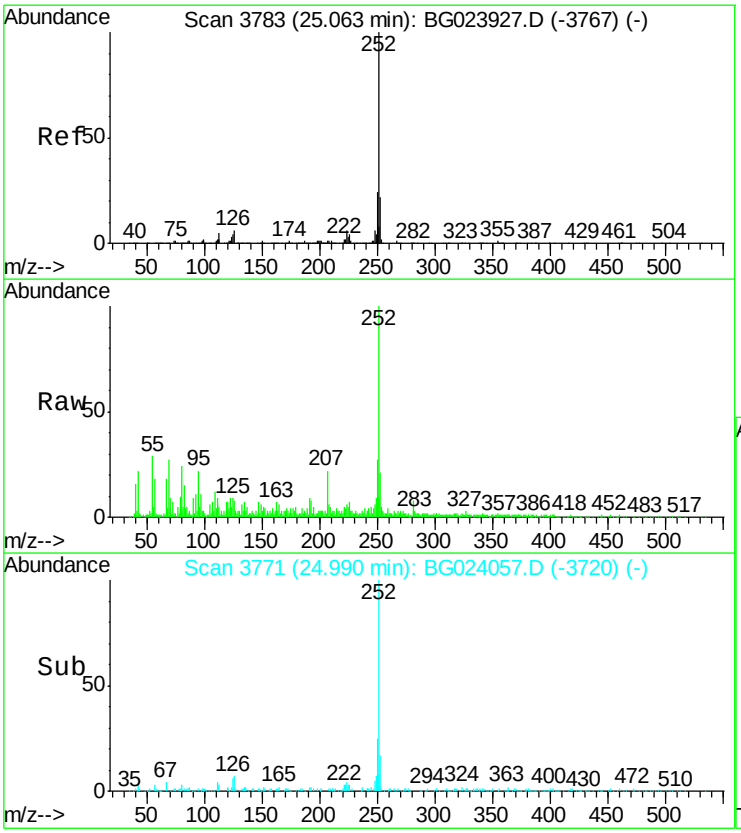
#88
Benzo(k)fluoranthene
Concen: 13.80 ng
RT: 24.08 min Scan# 3617
Delta R.T. -0.07 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUP

Tgt Ion:252 Resp: 324628

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.8	28.2
125	7.6	3.2	4.8#

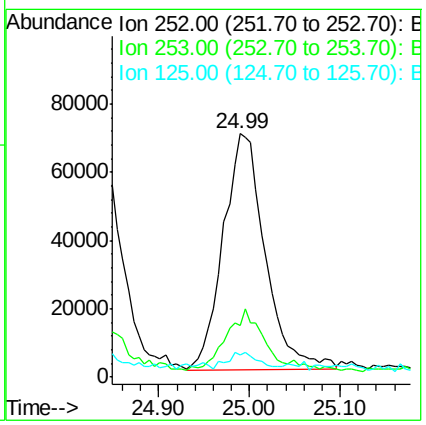


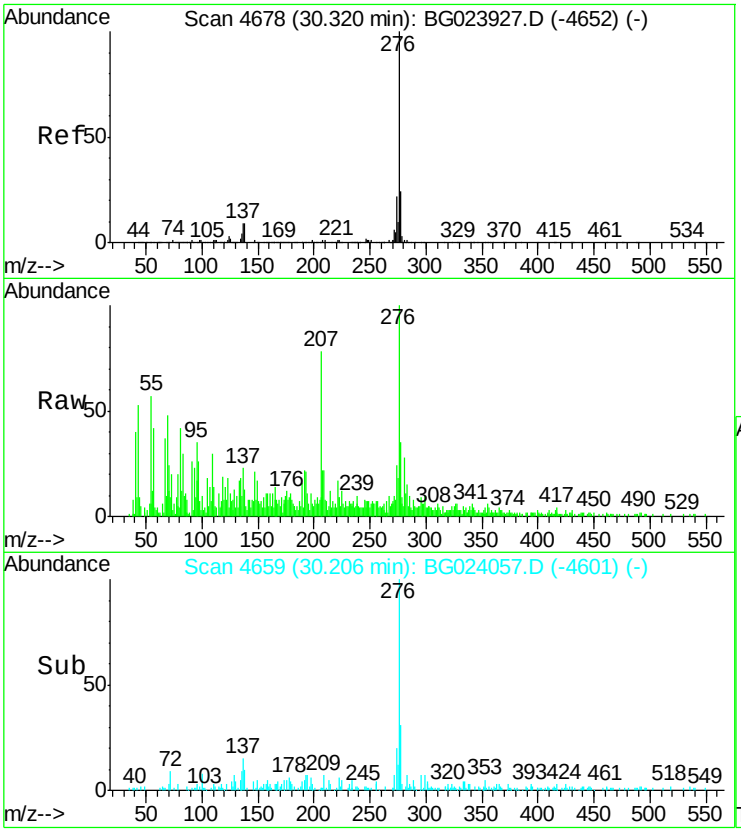


#89
Benzo(a)pyrene
Concen: 9.83 ng
RT: 24.99 min Scan# 3771
Delta R.T. -0.00 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Tgt Ion:252 Resp: 221585

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.7	28.1
125	9.2	3.9	5.9#





#91
Benzo(g,h,i)perylene
Concen: 5.10 ng
RT: 30.21 min Scan# 4659
Delta R.T. 0.04 min
Lab File: BG024057.D
Acq: 21 Sep 2016 16:26

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUP

Tgt Ion:276 Resp: 108721

Ion	Ratio	Lower	Upper
276	100		
277	34.8	18.6	27.8#
138	13.5	6.8	10.2#