Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024064.D
Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 22 07:41:15 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	68310	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	280180	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	190681	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	352191	20.00	ng		0.00
75) Chrysene-d12	21.81	240	378931	20.00	ng		0.00
86) Perylene-d12	25.16	264	356172	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	547587	140.74	ng		0.00
7) Phenol-d6	7.23	99	837894	139.90	ng		0.01
23) Nitrobenzene-d5	9.24	82	646958	103.09	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	333971	97.21	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1152791	86.68	ng		0.00
78) Terphenyl-d14	20.11	244	1426582	85.74	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.18	163	245405	15.01	ng		99
70) Phenanthrene	17.54	178	184315	10.06	ng		93
74) Fluoranthene	19.56	202	362344	16.43	ng		94
77) Pyrene	19.92	202	333327	14.30	ng	#	91
80) Benzo(a)anthracene	21.79	228	207727	9.79	ng		94
82) Chrysene	21.85	228	230619	11.42	ng		97
83) Bis(2-ethylhexyl)phthalate	21.66	149	2327730	189.24	ng	#	92
85) Indeno(1,2,3-cd)pyrene	29.01	276	109682	4.91	ng	#	100
87) Benzo(b)fluoranthene	24.10	252	281449	13.91	ng	#	96
88) Benzo(k)fluoranthene	24.16	252	115922m	5.78	ng		
89) Benzo(a)pyrene	25.00	252	173571	9.03	ng	#	95
91) Benzo(g,h,i)perylene	30.22	276	90472	4.98	ng	#	90

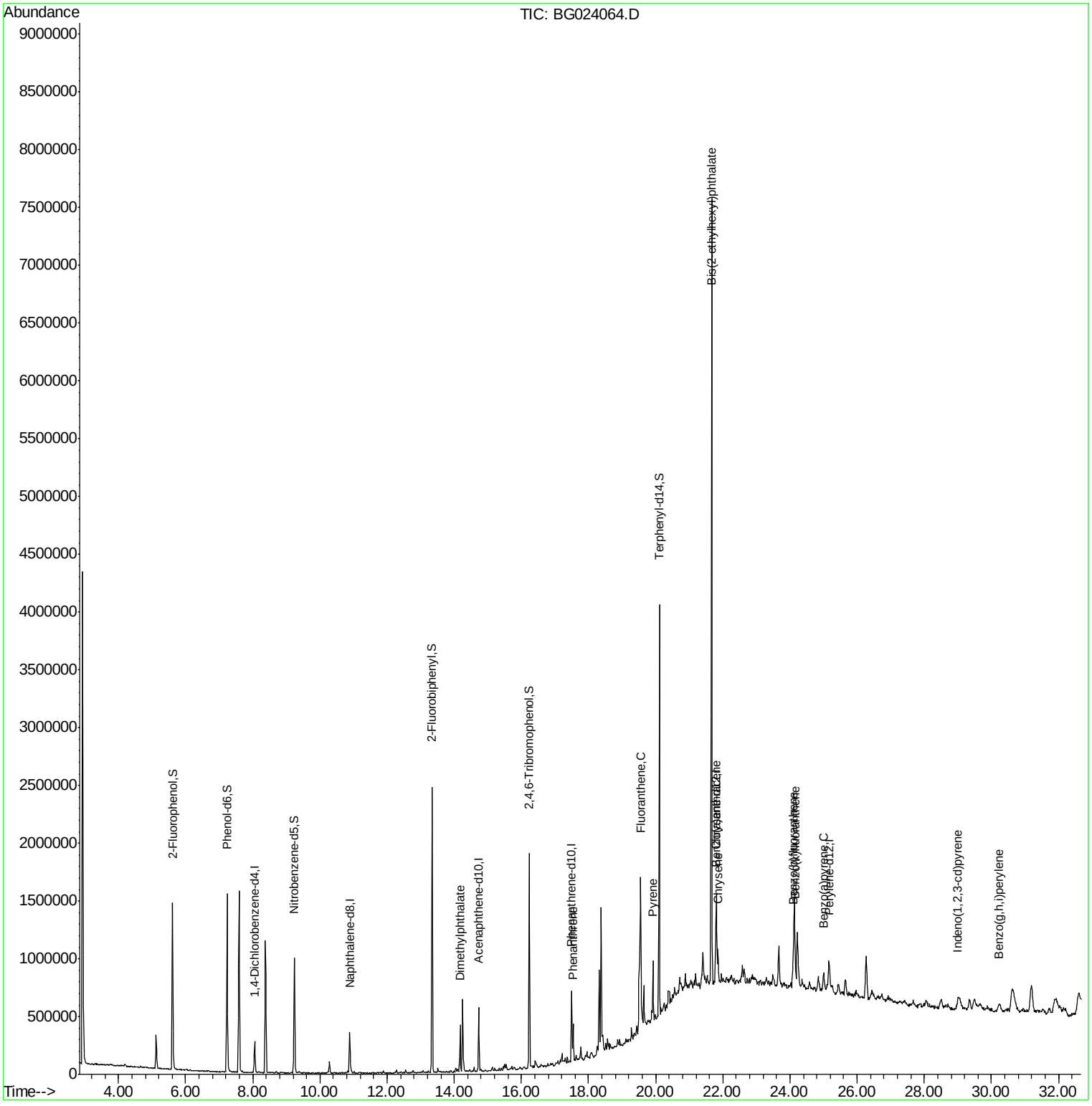
(#) = qualifier out of range (m) = manual integration (+) = signals summed

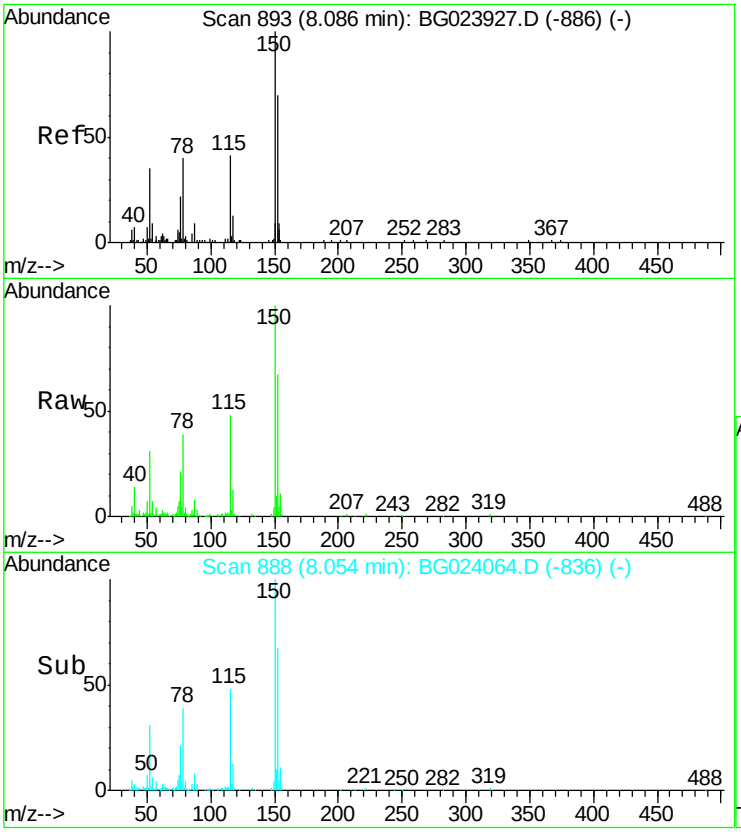
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024064.D
Acq On : 21 Sep 2016 20:53
Operator : UM/SJ
Sample : H4819-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 22 07:41:15 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



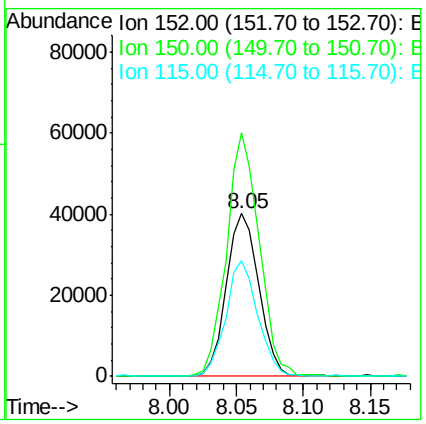


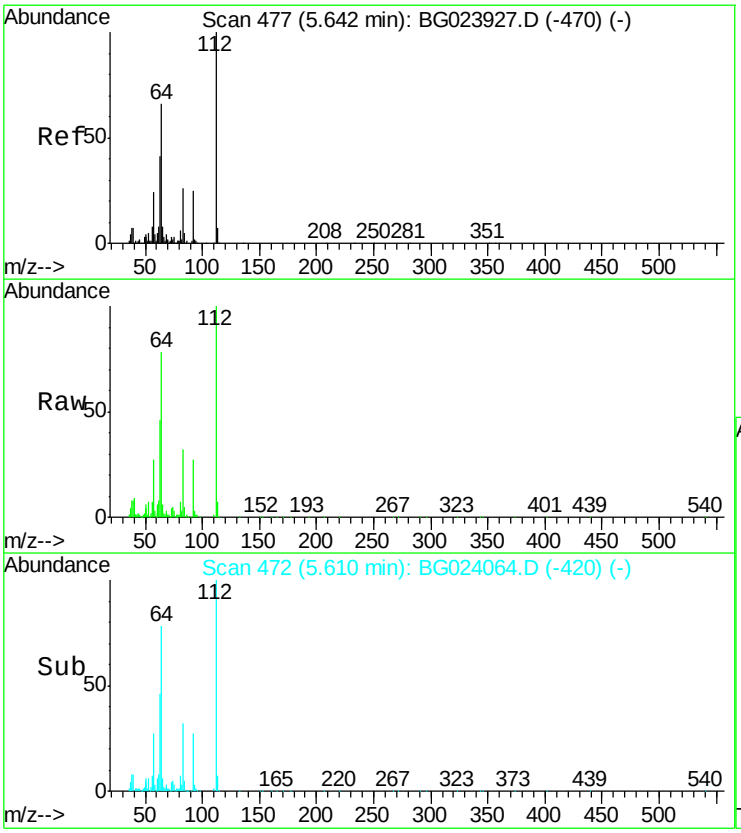
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 888
Delta R.T. 0.01 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

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

Tgt Ion:152 Resp: 68310

Ion	Ratio	Lower	Upper
152	100		
150	149.5	144.7	217.1
115	71.3	64.0	96.0

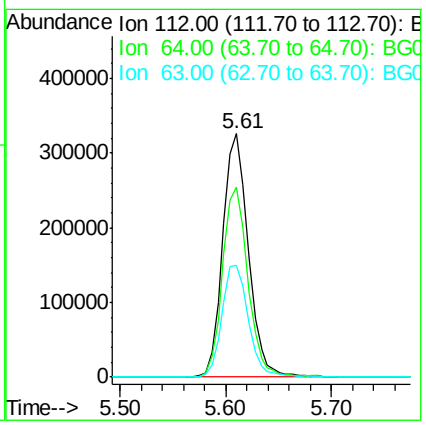


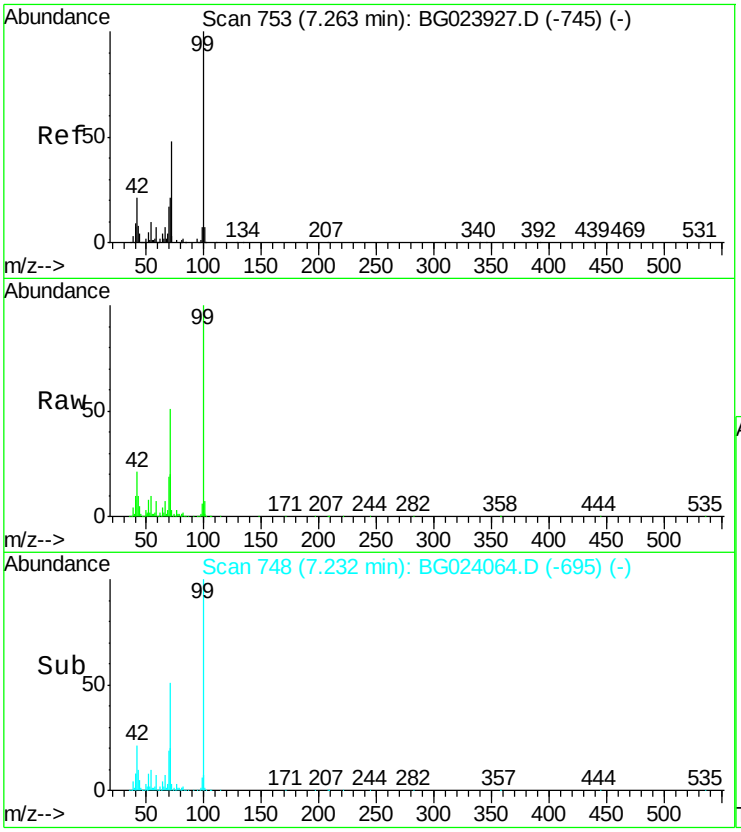


#5
2-Fluorophenol
Concen: 140.74 ng
RT: 5.61 min Scan# 472
Delta R.T. 0.01 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

Tgt Ion:112 Resp: 547587

Ion	Ratio	Lower	Upper
112	100		
64	78.1	59.0	88.4
63	45.8	37.8	56.8



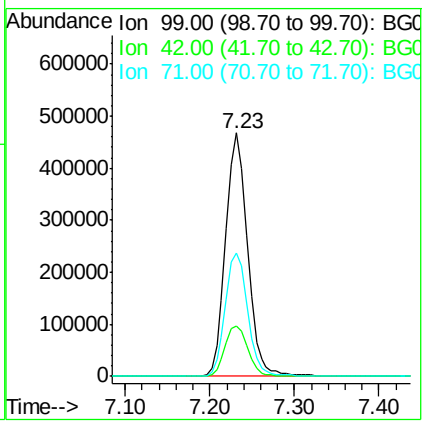


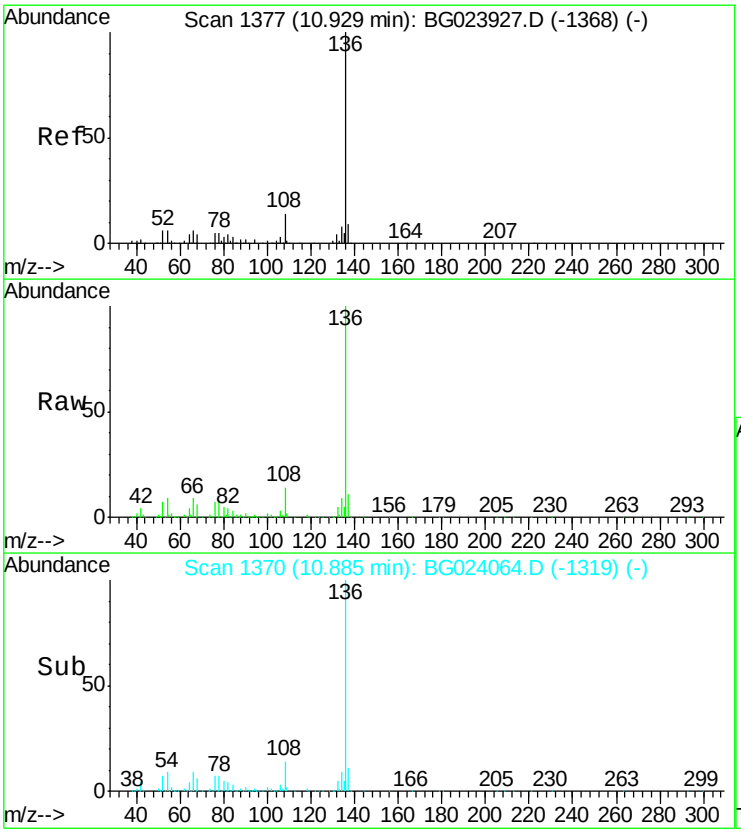
#7
Phenol-d6
Concen: 139.90 ng
RT: 7.23 min Scan# 748
Delta R.T. 0.01 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

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

Tgt Ion: 99 Resp: 837894

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.8	26.6
71	50.6	41.5	62.3

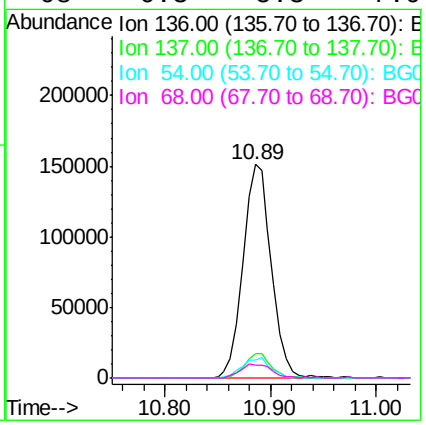


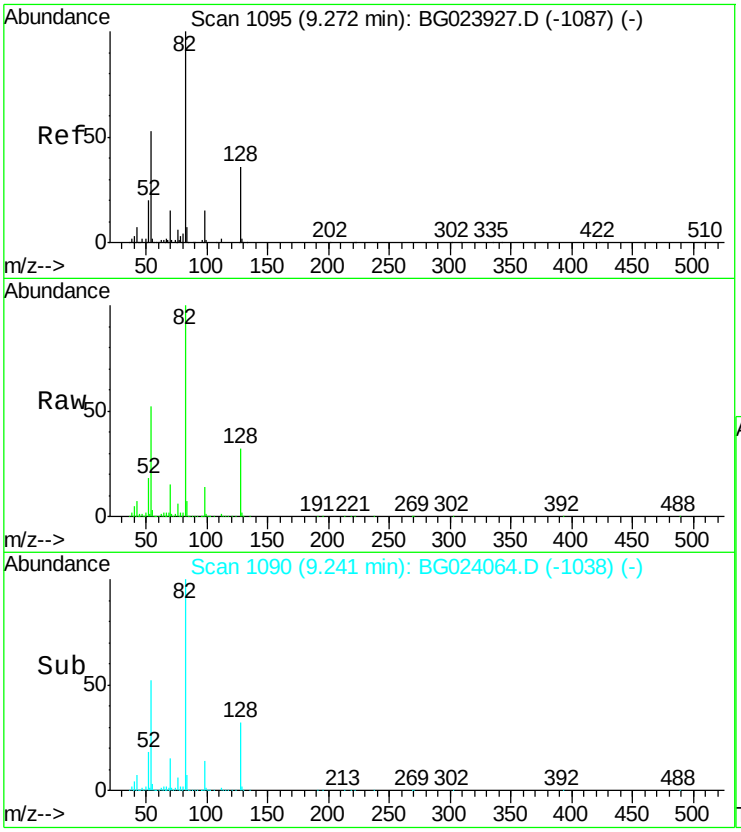


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

Tgt Ion:136 Resp: 280180

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	8.5	7.3	10.9
68	6.3	5.3	7.9



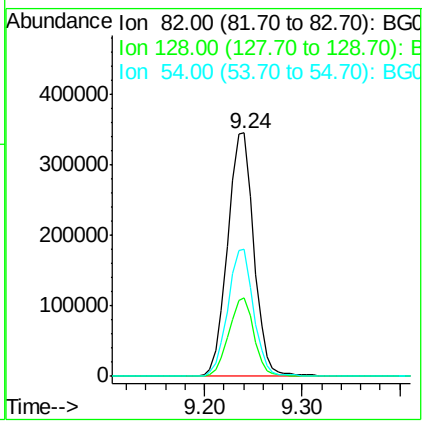


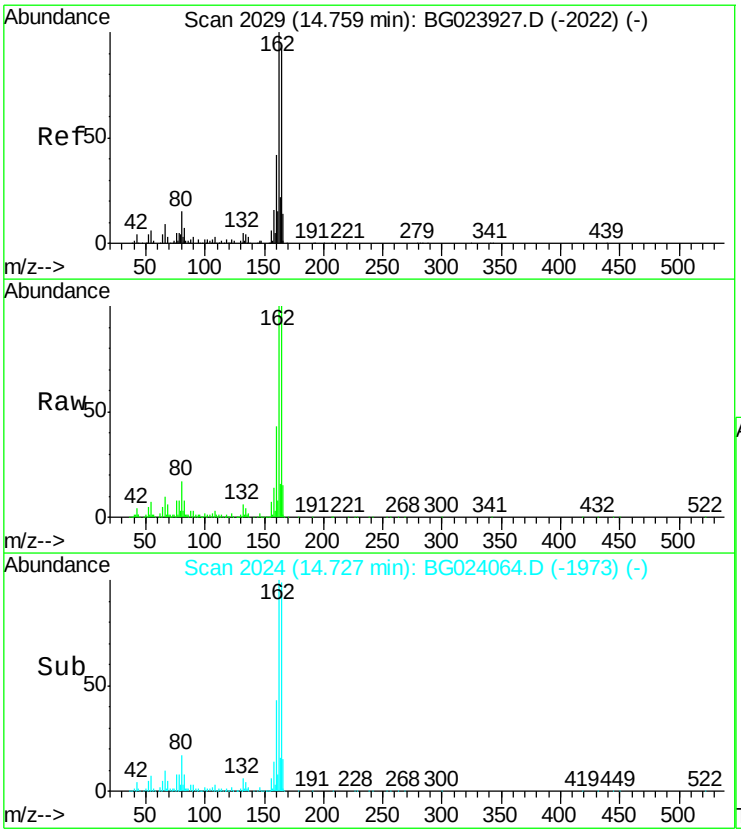
#23
Nitrobenzene-d5
Concen: 103.09 ng
RT: 9.24 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

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

Tgt Ion: 82 Resp: 646958

Ion	Ratio	Lower	Upper
82	100		
128	32.2	24.4	36.6
54	52.3	41.4	62.0

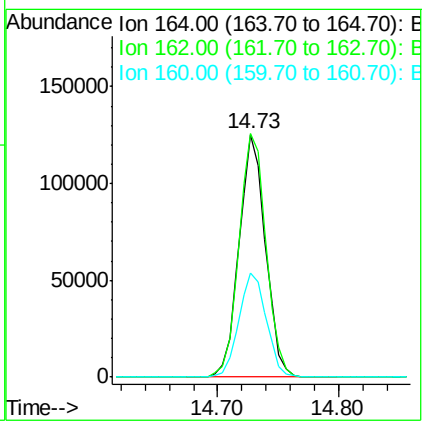


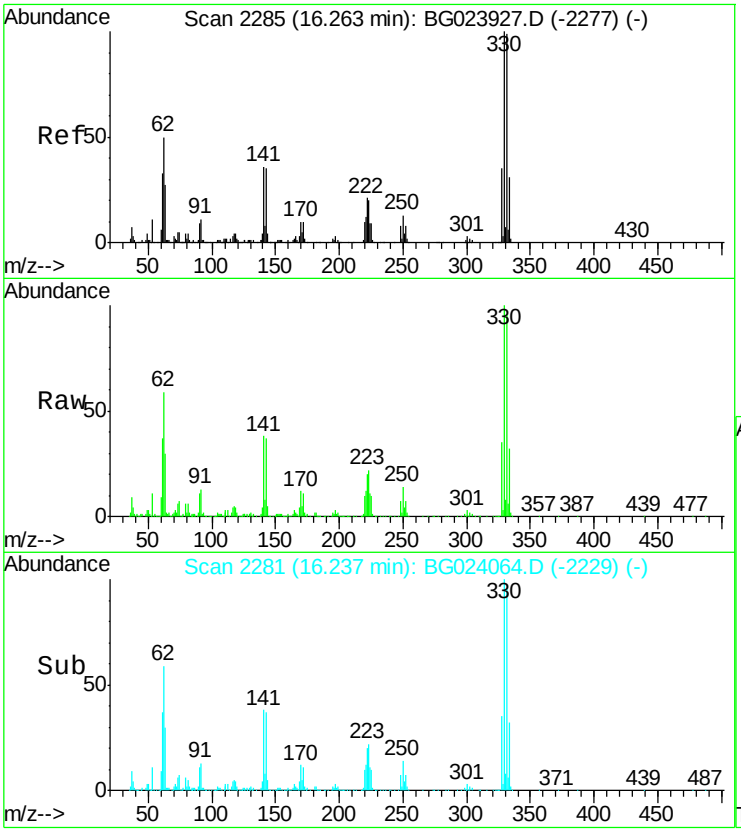


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

Tgt Ion:164 Resp: 190681

Ion	Ratio	Lower	Upper
164	100		
162	100.5	87.7	131.5
160	42.7	37.2	55.8



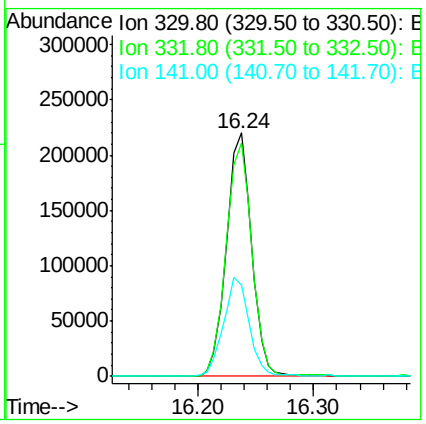


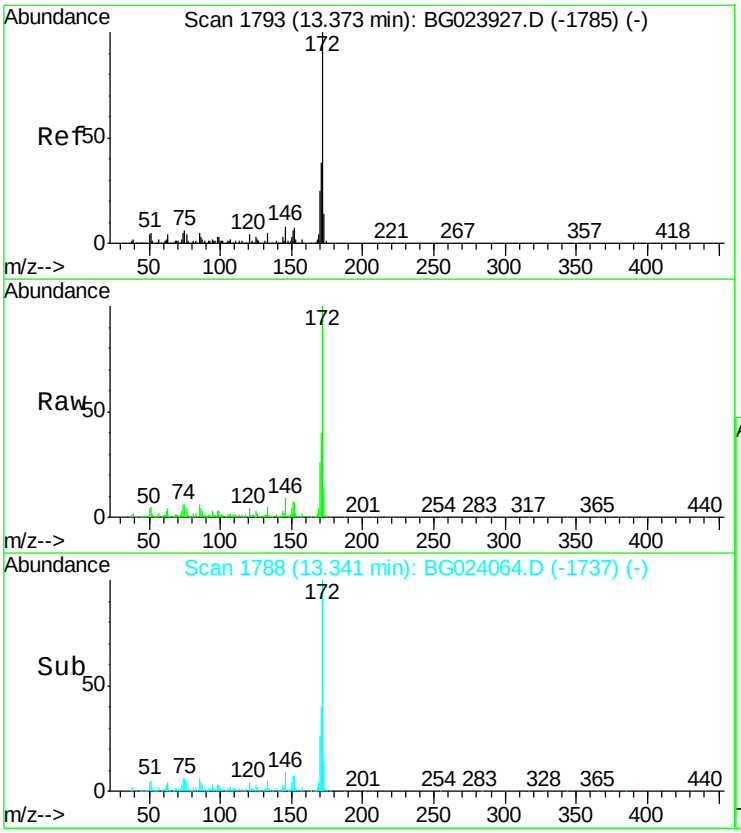
#41
2,4,6-Tribromophenol
Concen: 97.21 ng
RT: 16.24 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

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

Tgt Ion:330 Resp: 333971

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.4	116.2
141	40.5	31.7	47.5

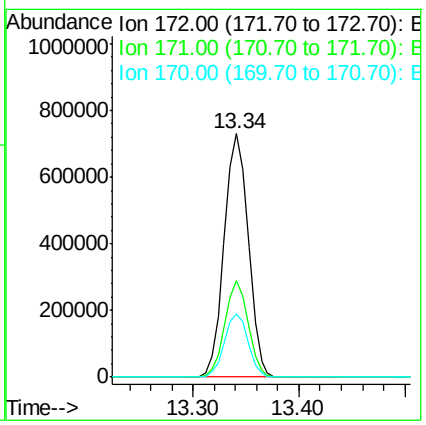


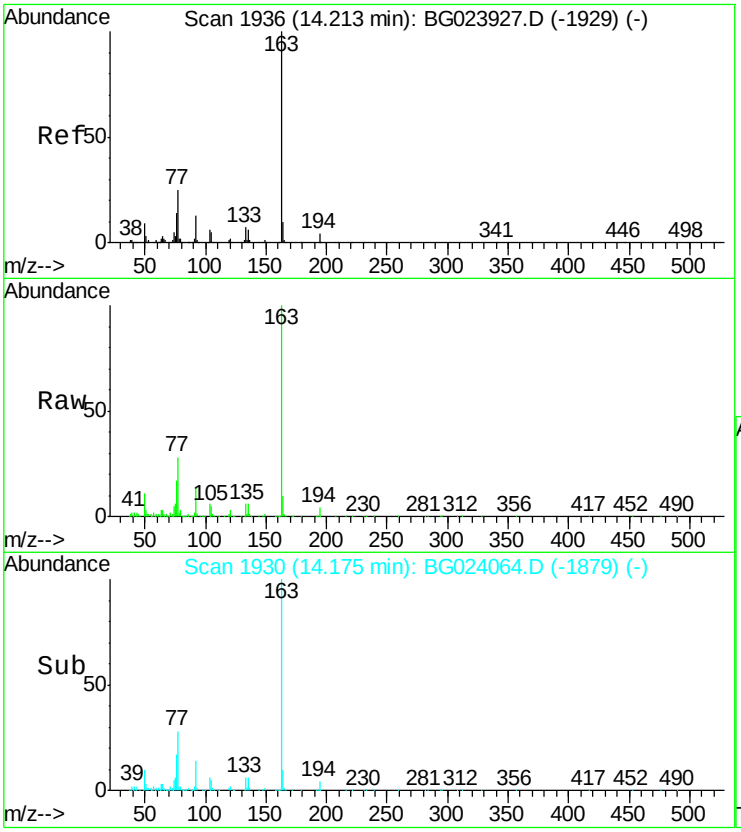


#44
2-Fluorobiphenyl
Concen: 86.68 ng
RT: 13.34 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

Tgt Ion:172 Resp: 1152791

Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.6	47.4
170	26.0	21.3	31.9



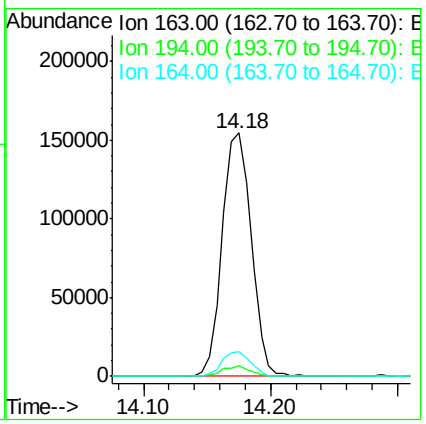


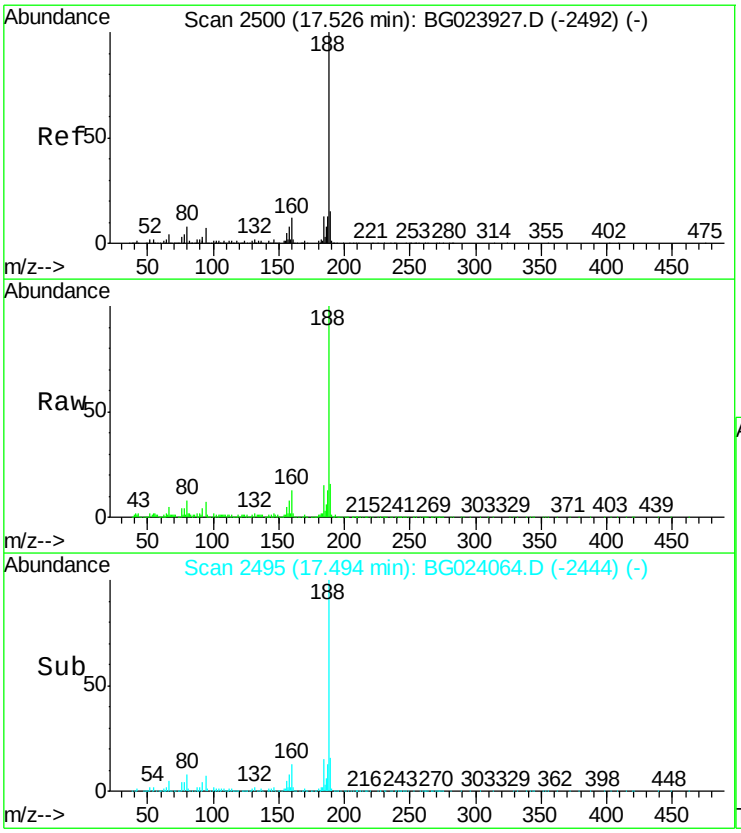
#49
Dimethylphthalate
Concen: 15.01 ng
RT: 14.18 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

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

Tgt Ion:163 Resp: 245405

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.3	8.1	12.1

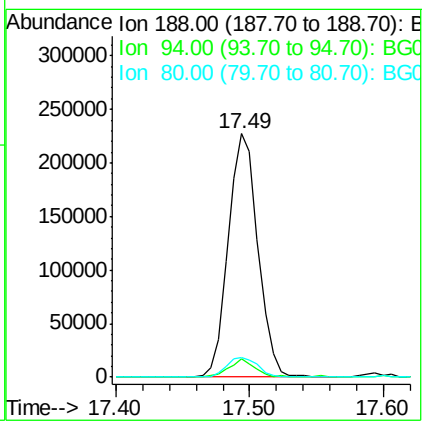


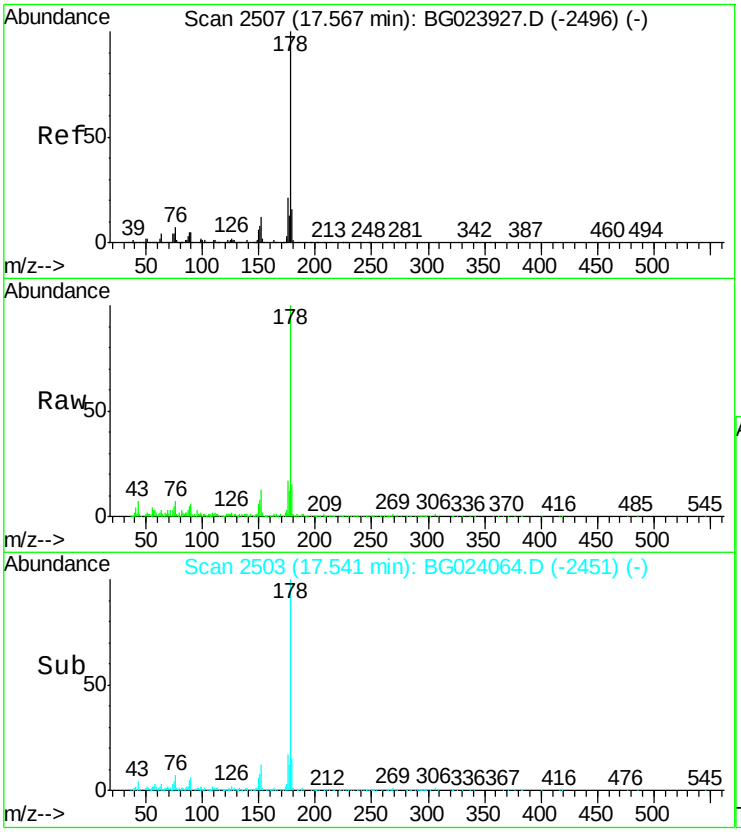


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

Tgt Ion:188 Resp: 352191

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.2	7.8
80	8.2	7.2	10.8



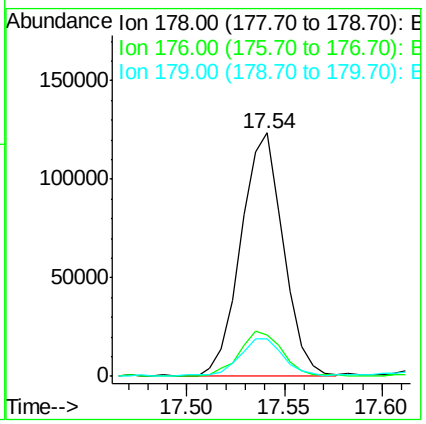


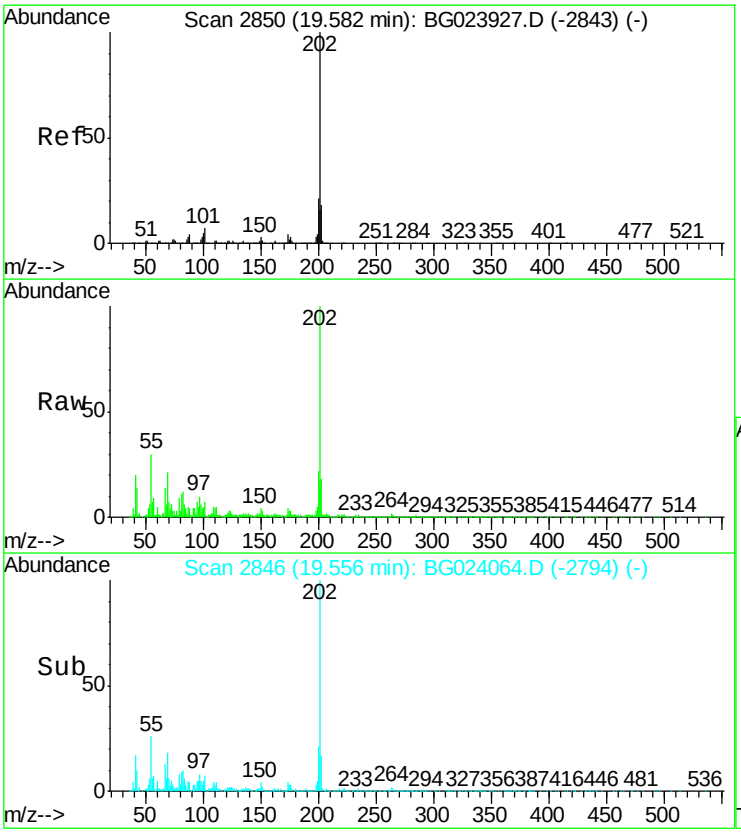
#70
Phenanthrene
Concen: 10.06 ng
RT: 17.54 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

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

Tgt Ion:178 Resp: 184315

Ion	Ratio	Lower	Upper
178	100		
176	17.2	16.8	25.2
179	15.4	14.3	21.5

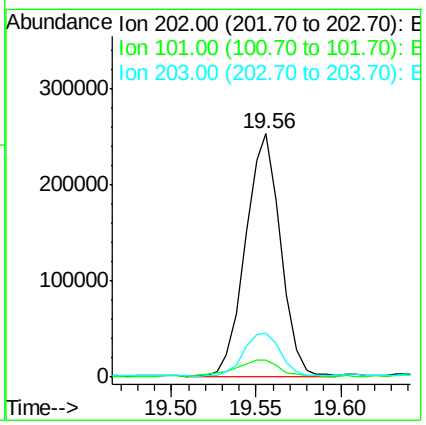


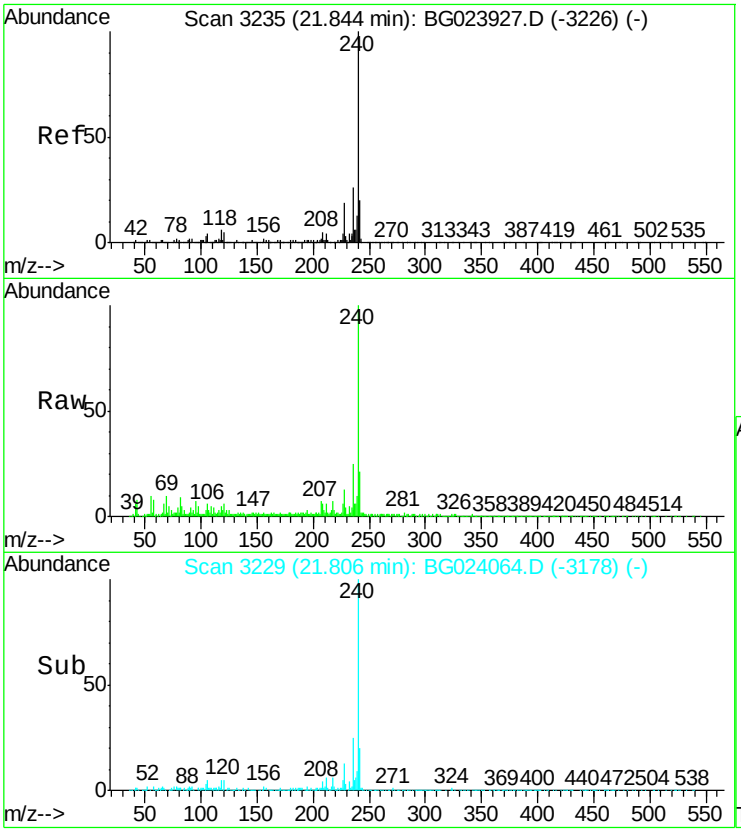


#74
Fluoranthene
Concen: 16.43 ng
RT: 19.56 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

Tgt Ion:202 Resp: 362344

Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	27.4
203	18.0	1.7	41.7



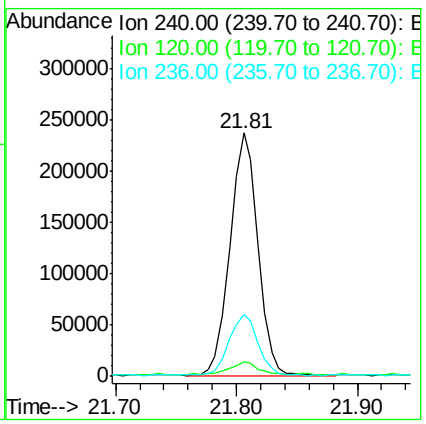


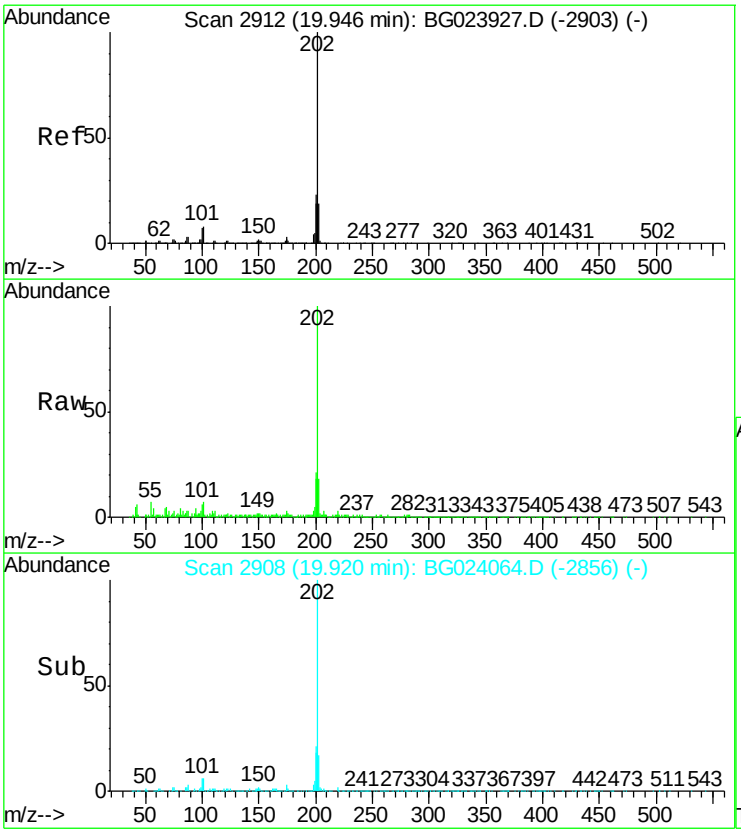
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

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

Tgt Ion:240 Resp: 378931

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.1	6.1
236	25.5	21.1	31.7

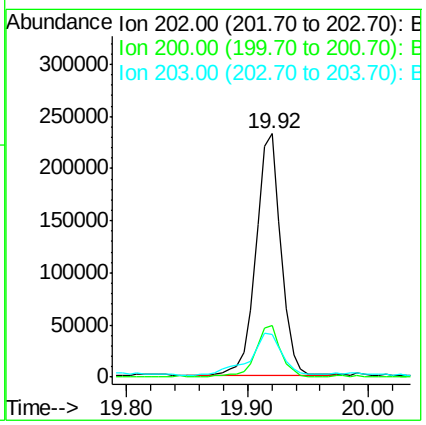


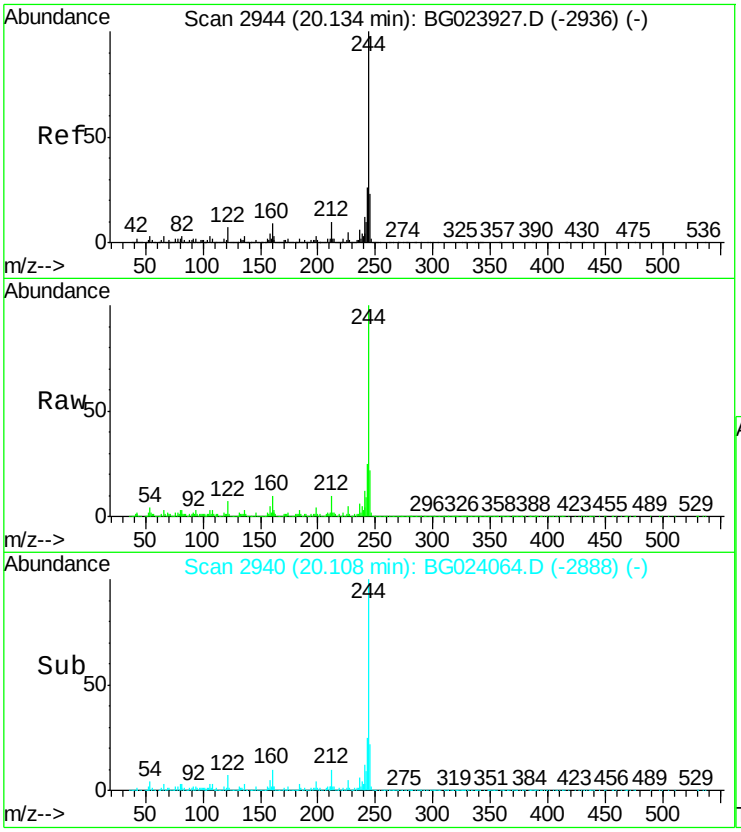


#77
Pyrene
Concen: 14.30 ng
RT: 19.92 min Scan# 2908
Delta R.T. 0.01 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

Tgt Ion:202 Resp: 333327

Ion	Ratio	Lower	Upper
202	100		
200	21.2	21.2	31.8#
203	17.5	16.8	25.2



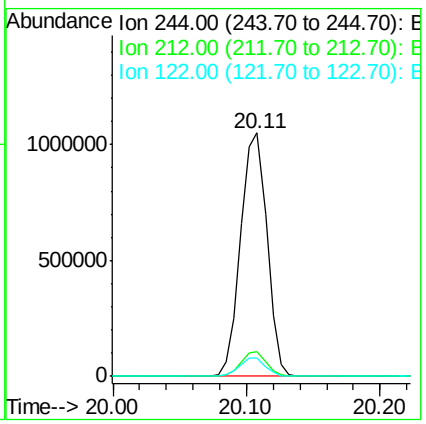


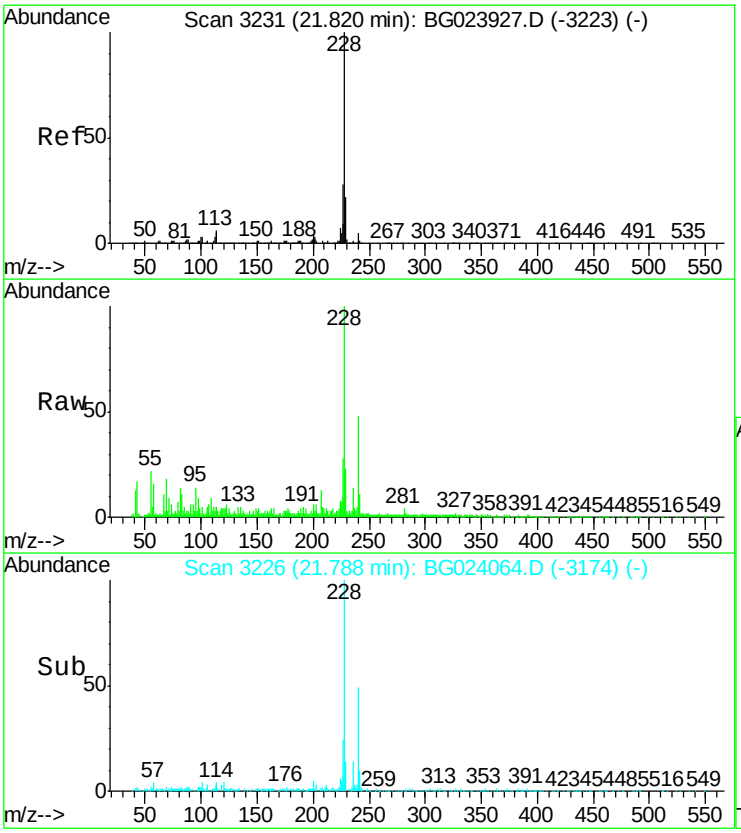
#78
Terphenyl-d14
Concen: 85.74 ng
RT: 20.11 min Scan# 2940
Delta R.T. 0.01 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

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

Tgt Ion:244 Resp: 1426582

Ion	Ratio	Lower	Upper
244	100		
212	10.4	10.8	16.2#
122	7.5	8.0	12.0#

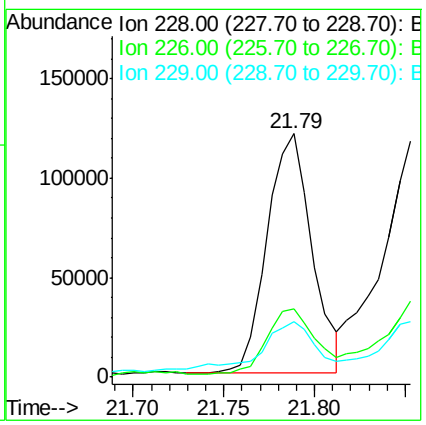


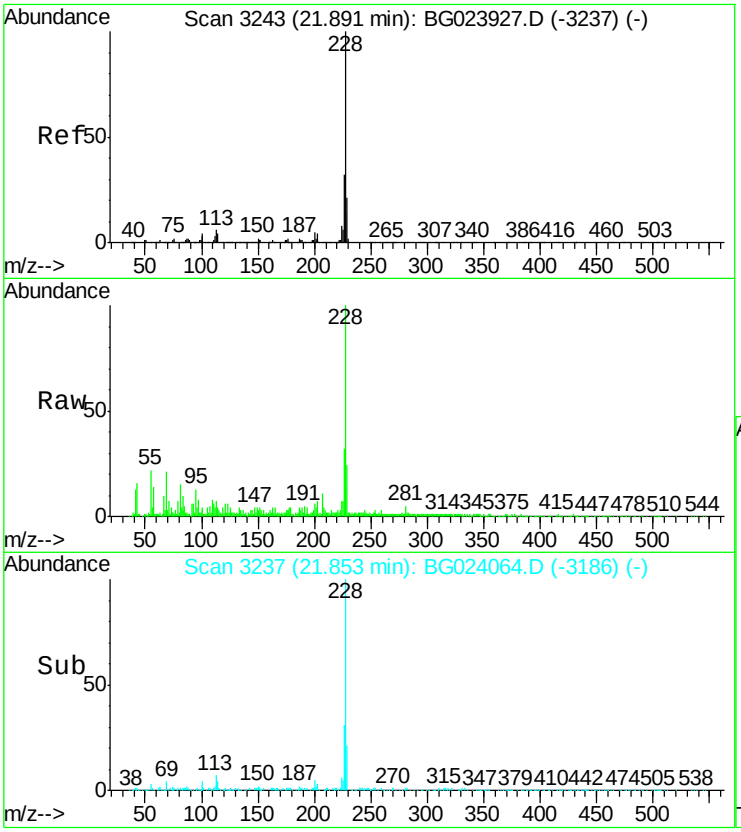


#80
Benzo(a)anthracene
Concen: 9.79 ng
RT: 21.79 min Scan# 3226
Delta R.T. 0.01 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

Tgt Ion:228 Resp: 207727

Ion	Ratio	Lower	Upper
228	100		
226	28.0	25.3	37.9
229	22.7	19.9	29.9



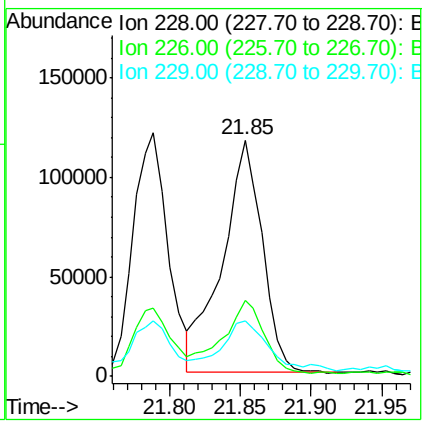


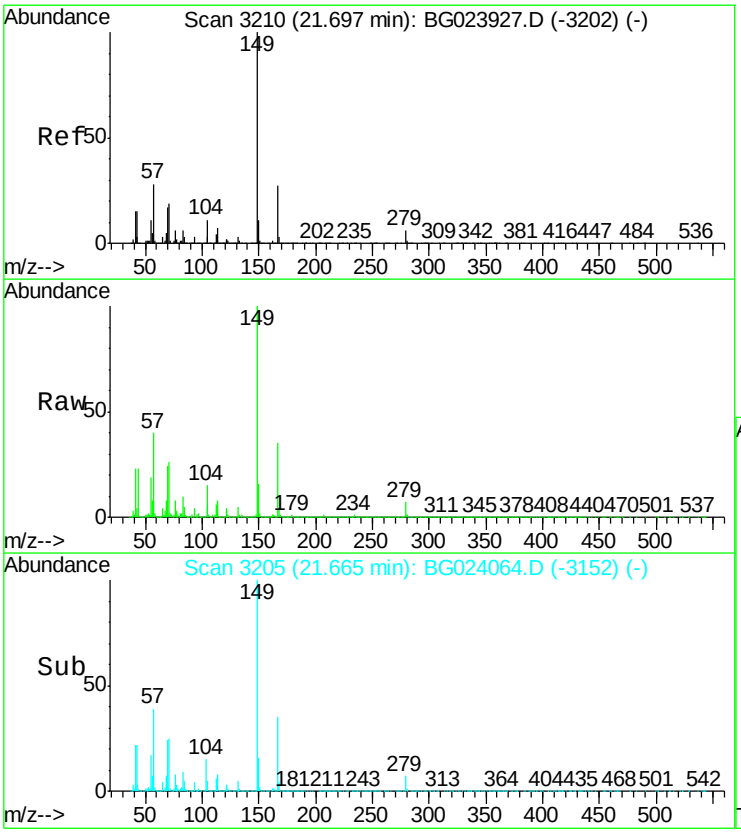
#82
Chrysene
Concen: 11.42 ng
RT: 21.85 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

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

Tgt Ion:228 Resp: 230619

Ion	Ratio	Lower	Upper
228	100		
226	32.2	26.7	40.1
229	23.7	17.4	26.2

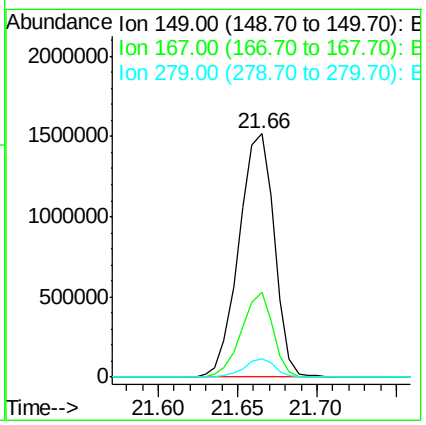


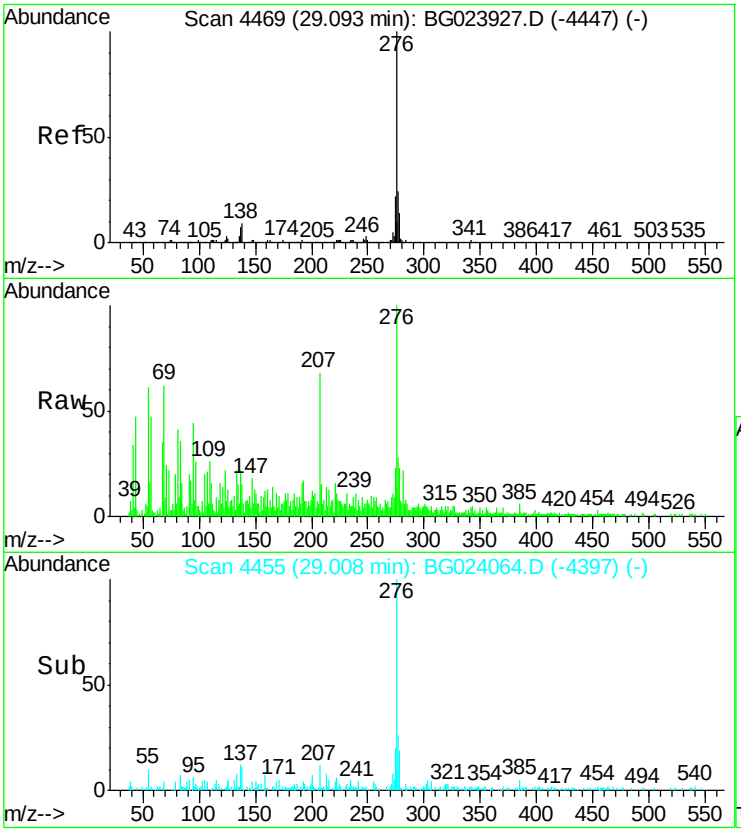


#83
Bis(2-ethylhexyl)phthalate
Concen: 189.24 ng
RT: 21.66 min Scan# 3205
Delta R.T. 0.01 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

Tgt Ion:149 Resp: 2327730

Ion	Ratio	Lower	Upper
149	100		
167	35.0	24.0	36.0
279	7.4	4.8	7.2#



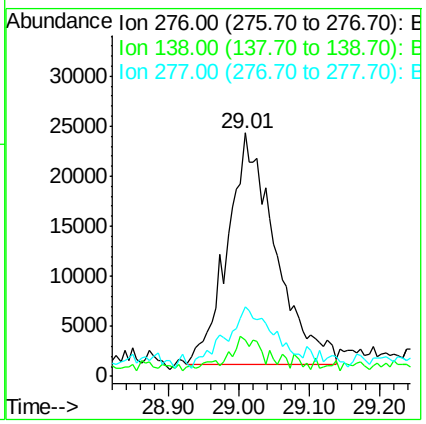


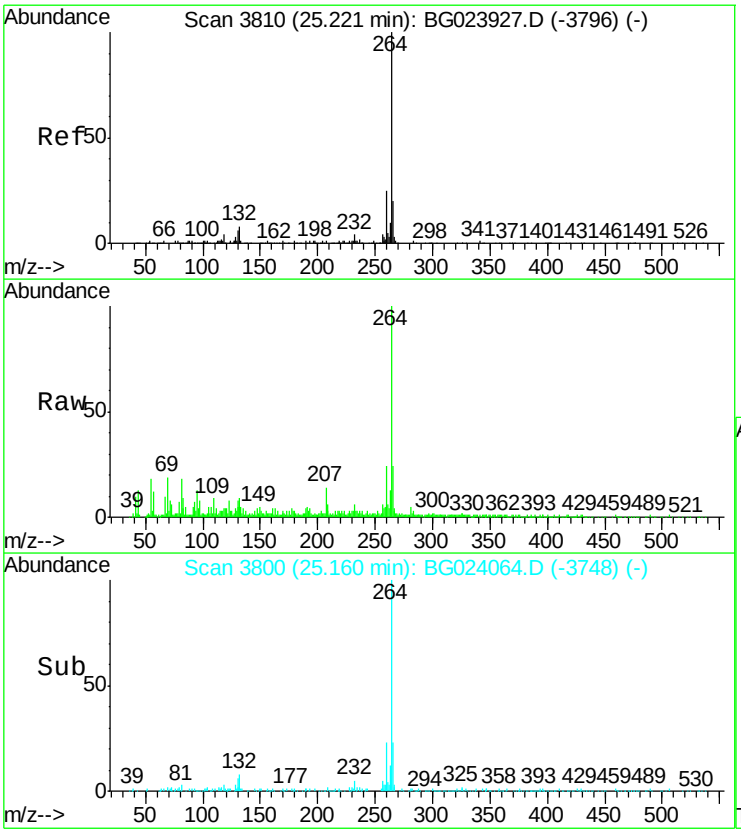
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.91 ng
RT: 29.01 min Scan# 4455
Delta R.T. 0.04 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

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

Tgt Ion:276 Resp: 109682

Ion	Ratio	Lower	Upper
276	100		
138	3.9	0.0	0.0#
277	18.3	0.0	0.0#

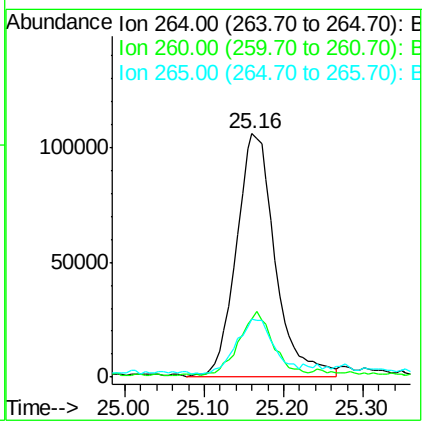


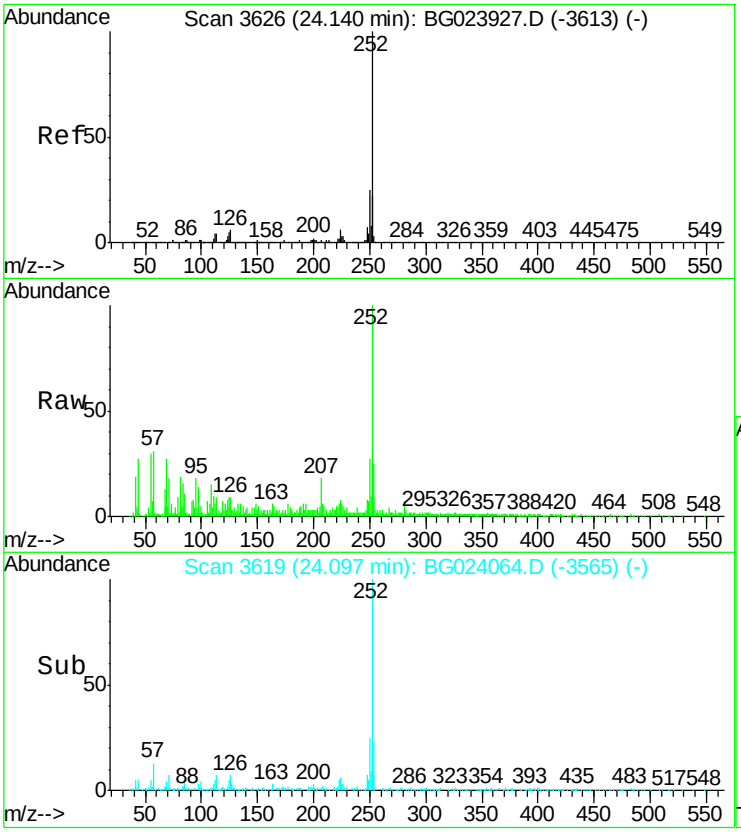


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. 0.01 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

Tgt Ion:264 Resp: 356172

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



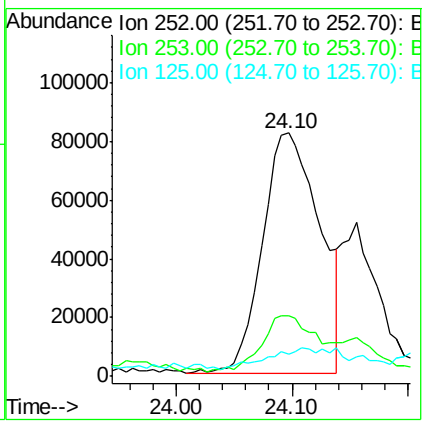


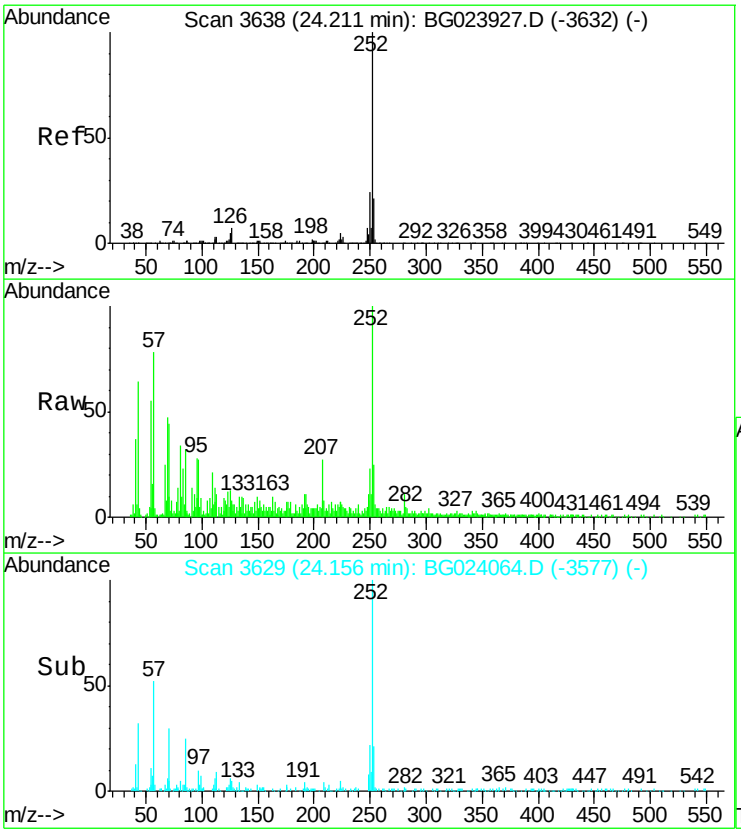
#87
Benzo(b)fluoranthene
Concen: 13.91 ng
RT: 24.10 min Scan# 3619
Delta R.T. 0.02 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

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

Tgt Ion:252 Resp: 281449

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.9	28.3
125	9.1	3.9	5.9#

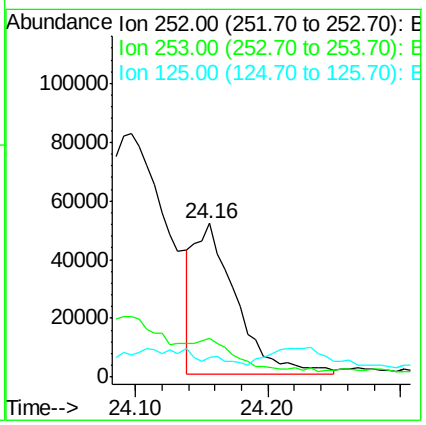


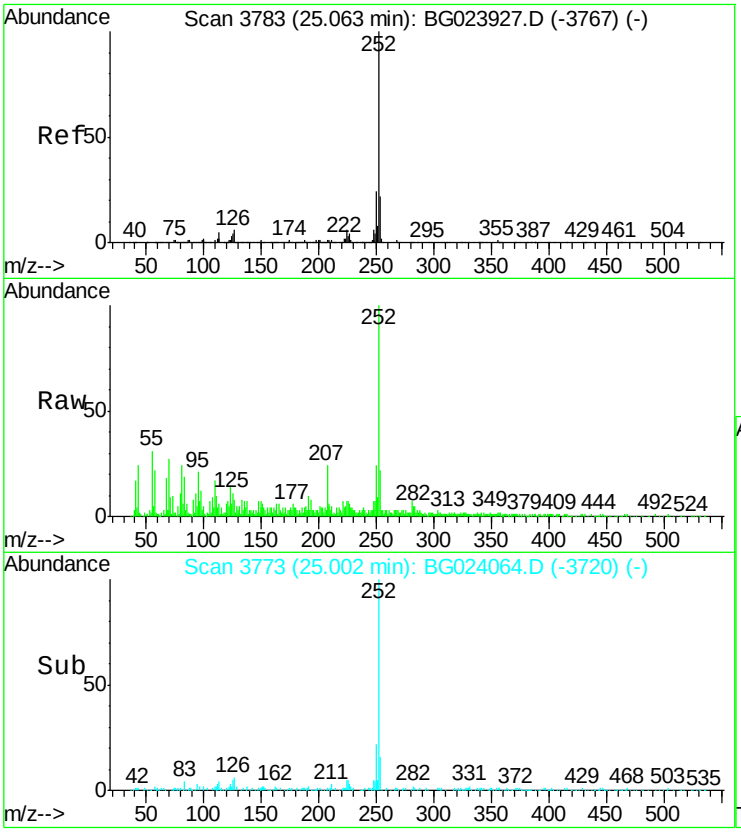


#88
Benzo(k)fluoranthene
Concen: 5.78 ng m
RT: 24.16 min Scan# 3629
Delta R.T. 0.01 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

Tgt Ion:252 Resp: 115922

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.8	28.2
125	12.9	3.2	4.8#



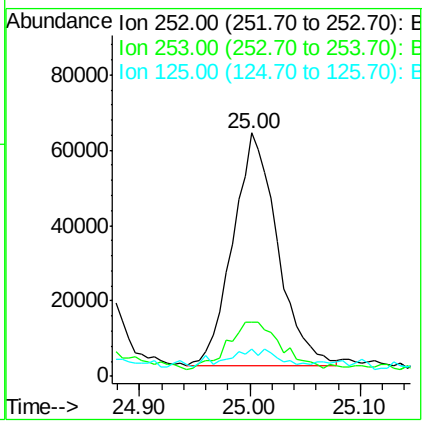


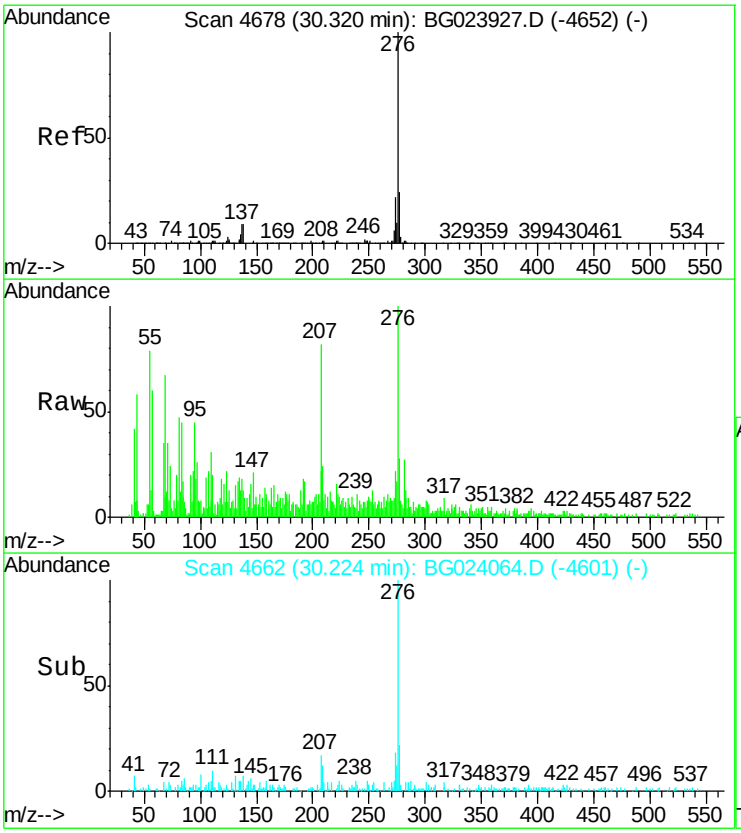
#89
Benzo(a)pyrene
Concen: 9.03 ng
RT: 25.00 min Scan# 3773
Delta R.T. 0.01 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

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

Tgt Ion:252 Resp: 173571

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	11.2	3.9	5.9#





#91
Benzo(g,h,i)perylene
Concen: 4.98 ng
RT: 30.22 min Scan# 4662
Delta R.T. 0.06 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

Tgt Ion:276 Resp: 90472

Ion	Ratio	Lower	Upper
276	100		
277	27.7	18.6	27.8
138	12.7	6.8	10.2#