Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071816\
Data File : BG023171.D
Acq On : 18 Jul 2016 23:18
Operator : UM/SJ
Sample : H4044-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 19 01:06:54 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	146742	20.00	ng		-0.04
21) Naphthalene-d8	10.93	136	644015	20.00	ng		-0.04
38) Acenaphthene-d10	14.75	164	422321	20.00	ng		-0.05
63) Phenanthrene-d10	17.49	188	903817	20.00	ng		-0.07
75) Chrysene-d12	21.75	240	890443	20.00	ng		-0.10
86) Perylene-d12	25.04	264	842097	20.00	ng		-0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	877555	97.81	ng		-0.02
7) Phenol-d6	7.27	99	1371692	97.61	ng		-0.03
23) Nitrobenzene-d5	9.28	82	1048195	69.69	ng		-0.04
41) 2,4,6-Tribromophenol	16.23	330	543364	71.59	ng		-0.06
44) 2-Fluorobiphenyl	13.37	172	1916597	71.48	ng		-0.04
78) Terphenyl-d14	20.08	244	2275925	78.87	ng		-0.08
Target Compounds							Qvalue
49) Dimethylphthalate	14.19	163	470112	13.63	ng	#	98
70) Phenanthrene	17.53	178	185775	4.19	ng	#	92
74) Fluoranthene	19.53	202	467517	8.60	ng		92
77) Pyrene	19.89	202	431904	8.63	ng	#	91
80) Benzo(a)anthracene	21.73	228	276209	5.54	ng		95
82) Chrysene	21.80	228	279987	5.99	ng		96
83) Bis(2-ethylhexyl)phthalate	21.60	149	87304	3.17	ng	#	88
87) Benzo(b)fluoranthene	23.99	252	368843	7.59	ng	#	99
88) Benzo(k)fluoranthene	23.99	252	368843	8.00	ng	#	98
89) Benzo(a)pyrene	24.88	252	239015	5.13	ng	#	92

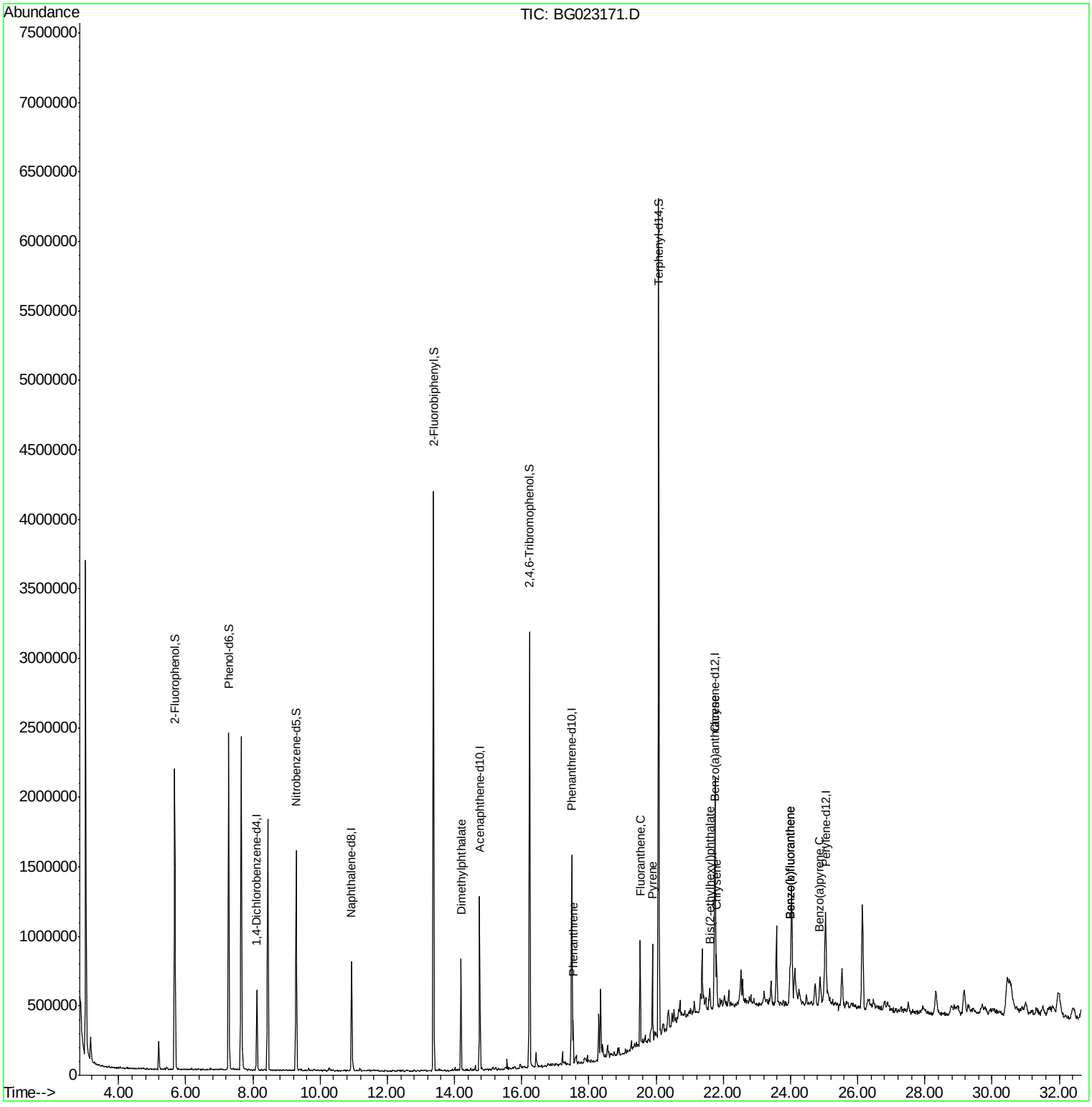
(#) = qualifier out of range (m) = manual integration (+) = signals summed

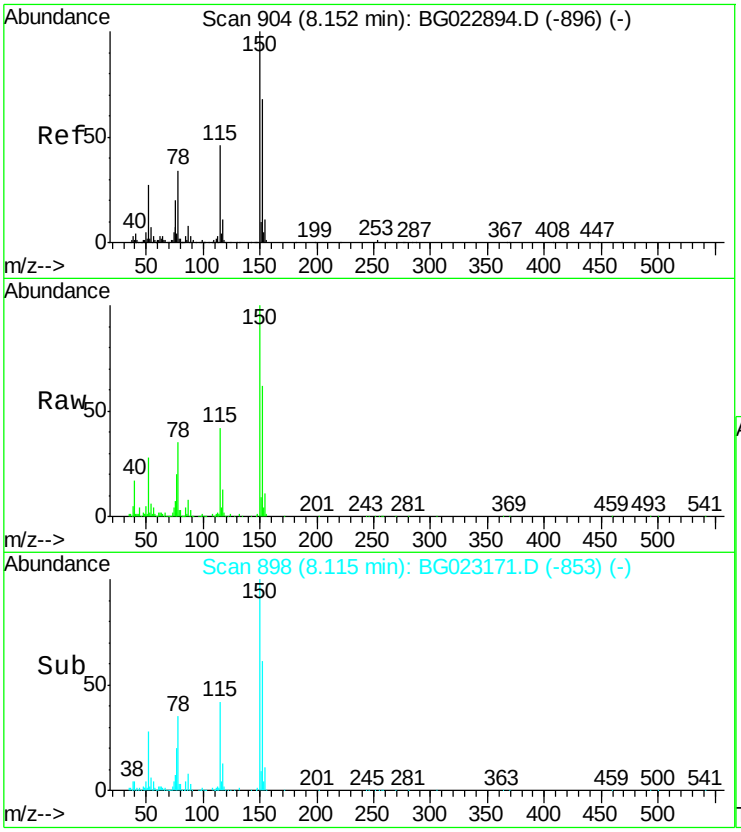
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071816\
Data File : BG023171.D
Acq On : 18 Jul 2016 23:18
Operator : UM/SJ
Sample : H4044-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 19 01:06:54 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration



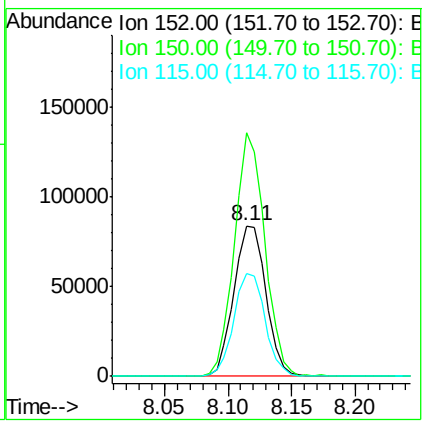


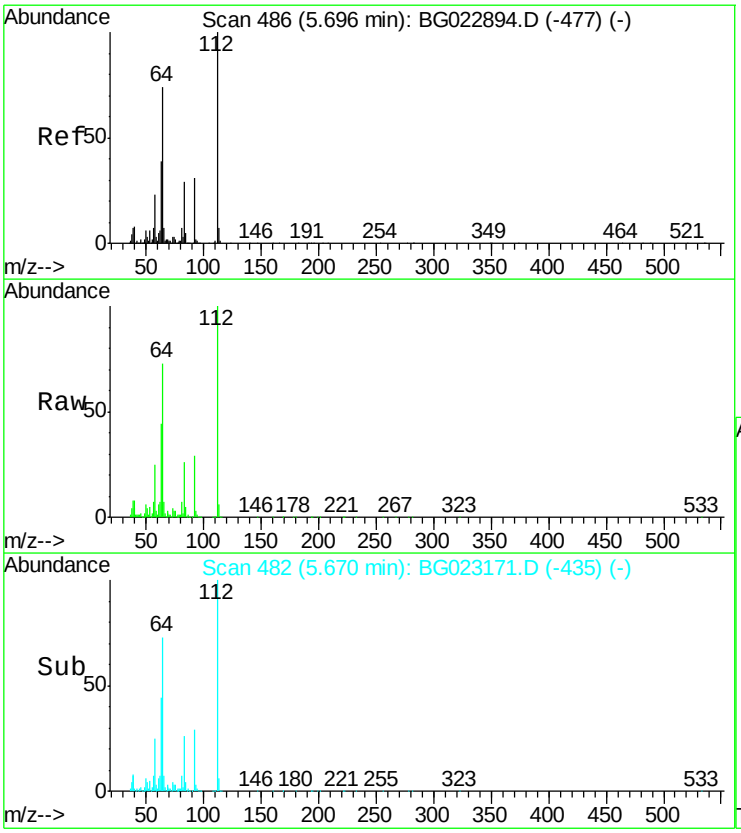
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.04 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 146742

Ion	Ratio	Lower	Upper
152	100		
150	162.2	144.7	217.1
115	68.1	64.0	96.0

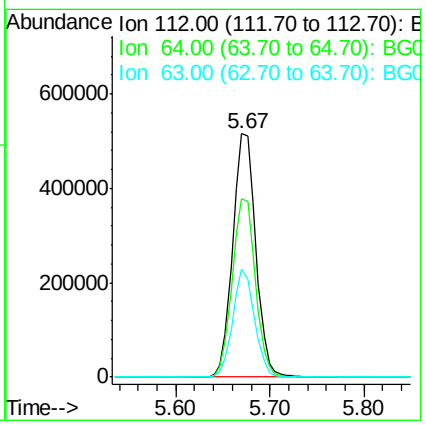


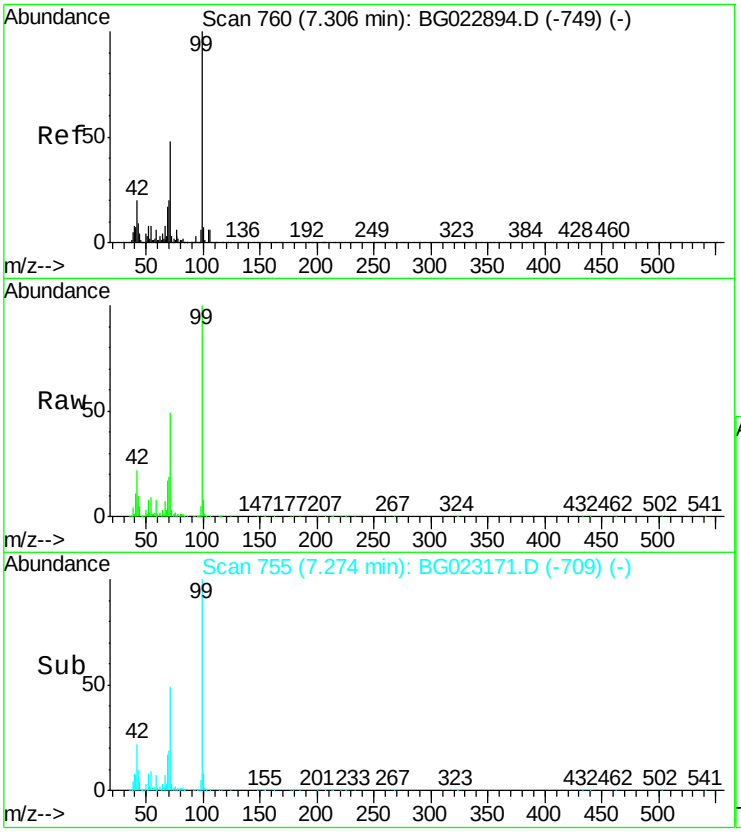


#5
2-Fluorophenol
Concen: 97.81 ng
RT: 5.67 min Scan# 482
Delta R.T. -0.02 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Tgt Ion:112 Resp: 877555

Ion	Ratio	Lower	Upper
112	100		
64	73.4	59.0	88.4
63	44.2	37.8	56.8



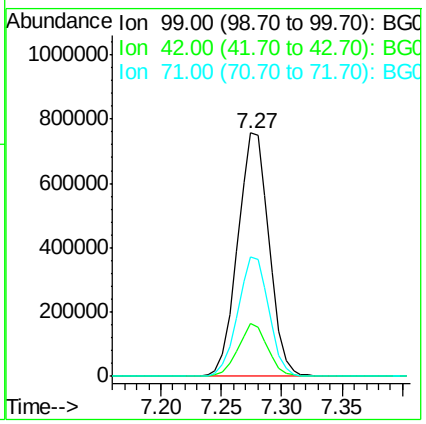


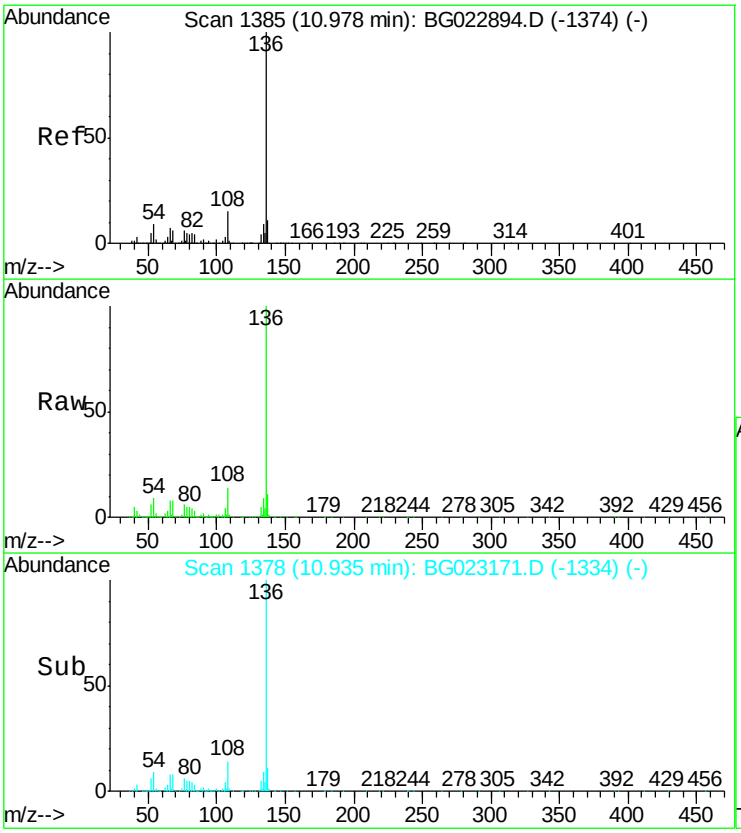
#7
Phenol-d6
Concen: 97.61 ng
RT: 7.27 min Scan# 755
Delta R.T. -0.03 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1371692

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.8	26.6
71	49.2	41.5	62.3

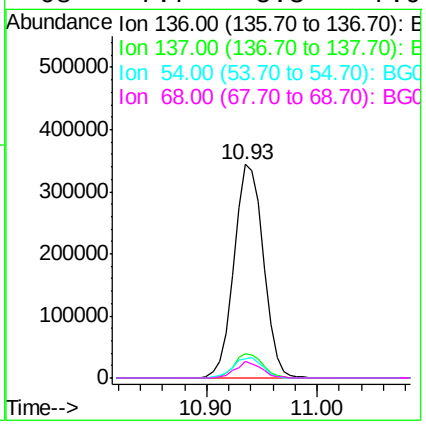


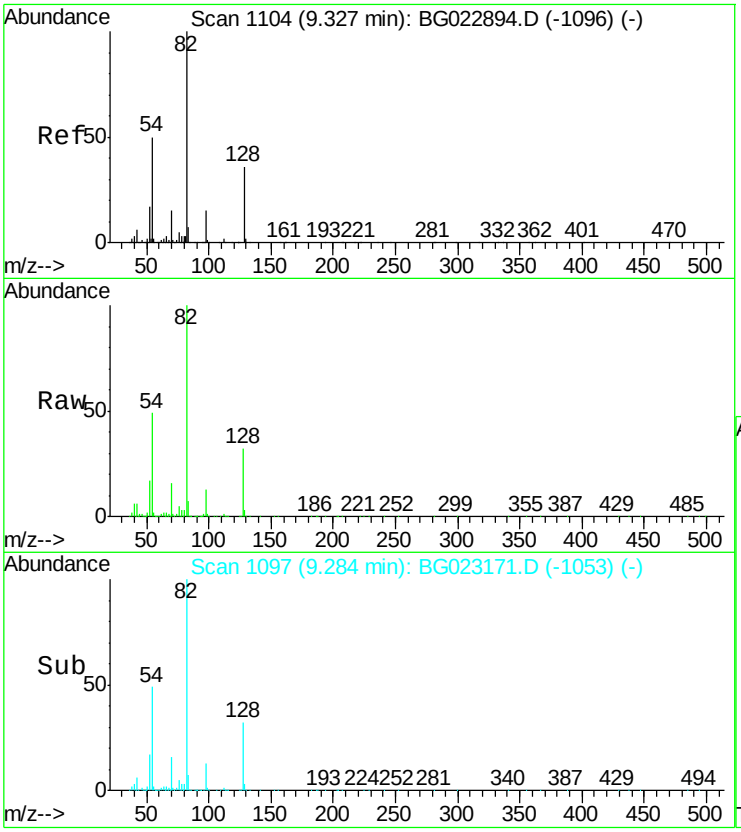


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.04 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Tgt Ion:136 Resp: 644015

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	9.0	7.3	10.9
68	7.7	5.3	7.9



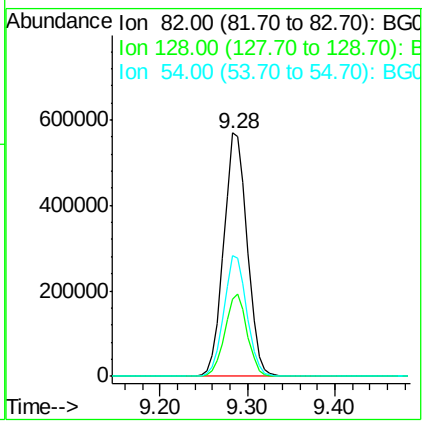


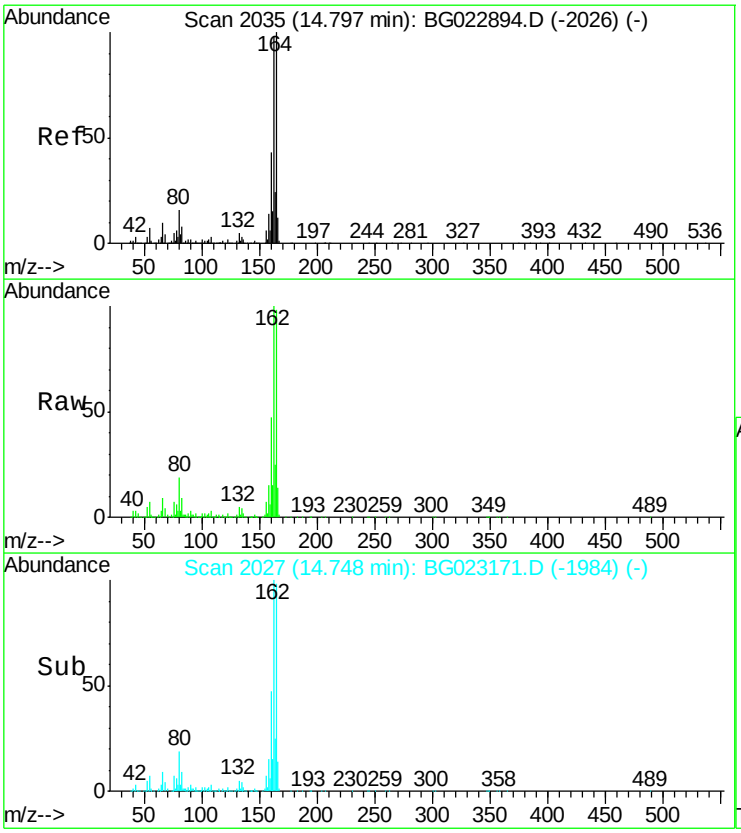
#23
Nitrobenzene-d5
Concen: 69.69 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.04 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 1048195

Ion	Ratio	Lower	Upper
82	100		
128	31.7	24.4	36.6
54	49.5	41.4	62.0

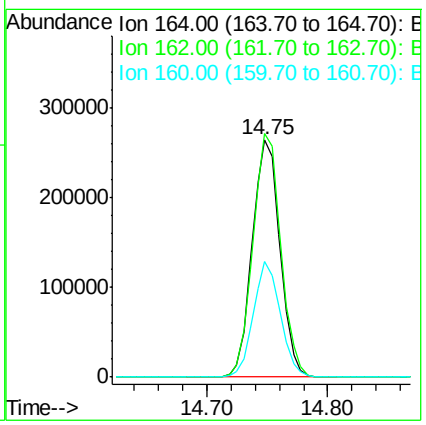


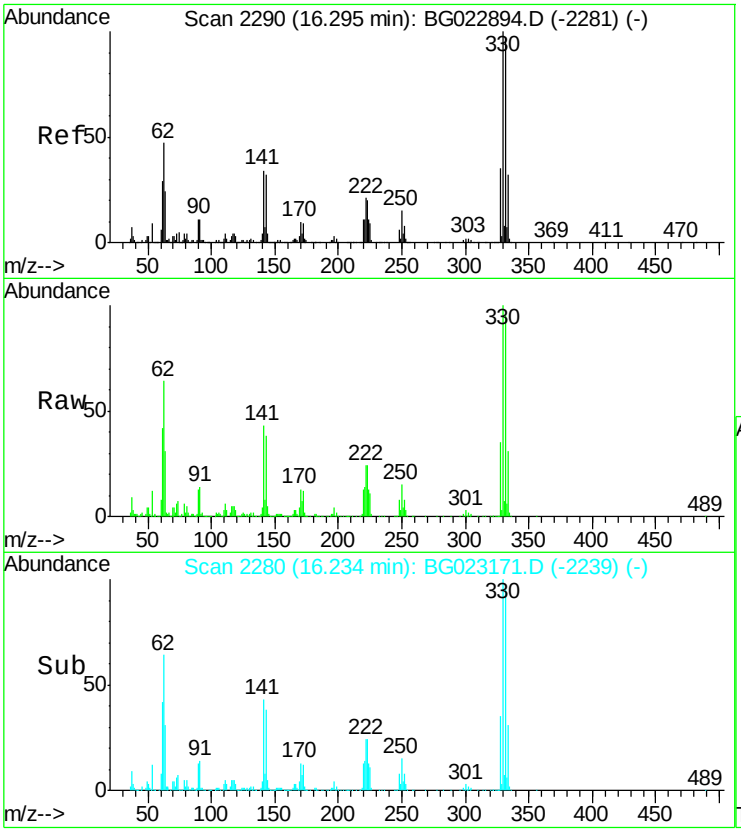


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.05 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Tgt Ion:164 Resp: 422321

Ion	Ratio	Lower	Upper
164	100		
162	102.6	87.7	131.5
160	48.5	37.2	55.8



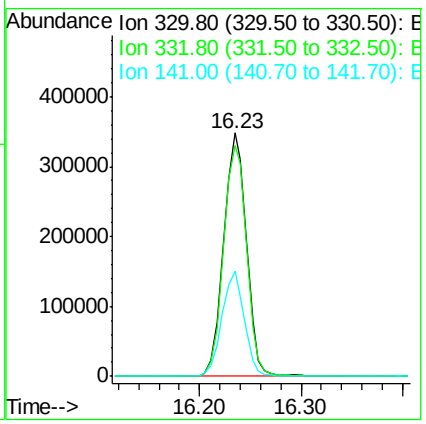


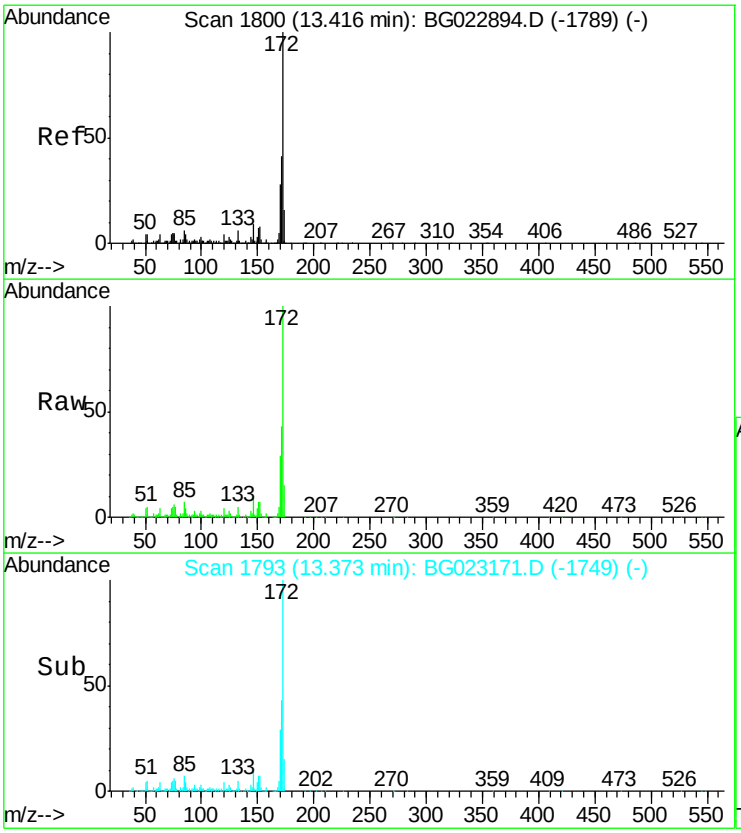
#41
2,4,6-Tribromophenol
Concen: 71.59 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.06 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 543364

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	42.5	31.7	47.5

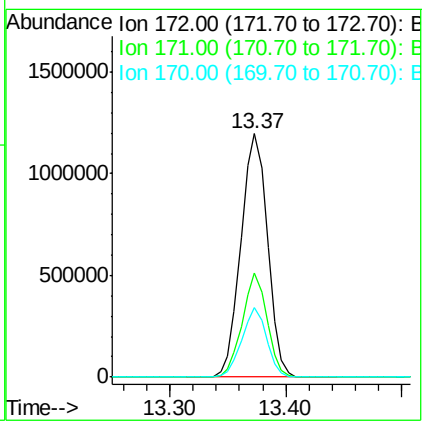


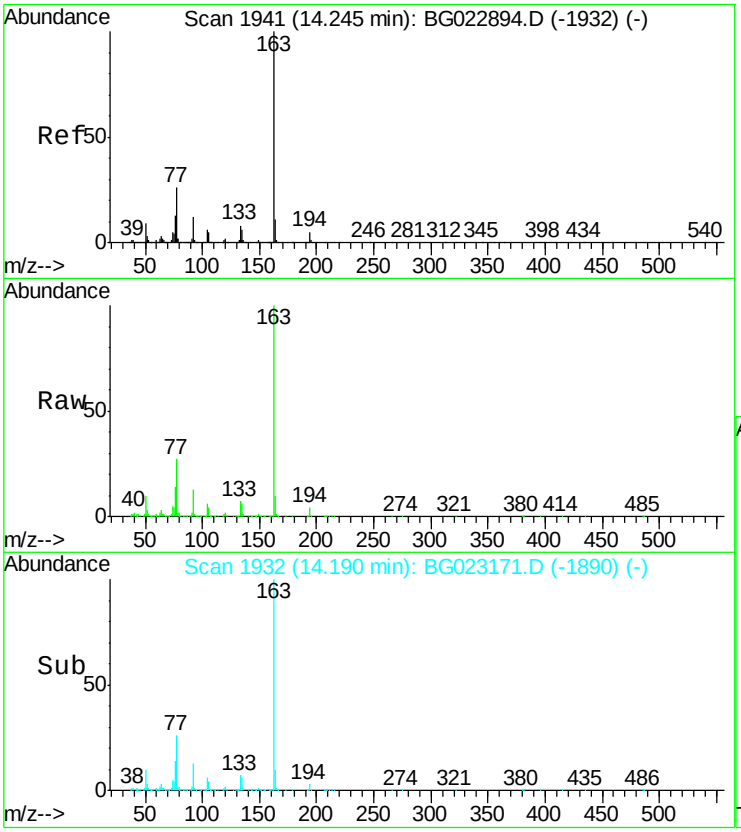


#44
2-Fluorobiphenyl
Concen: 71.48 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.04 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Tgt Ion:172 Resp: 1916597

Ion	Ratio	Lower	Upper
172	100		
171	42.7	31.6	47.4
170	28.8	21.3	31.9



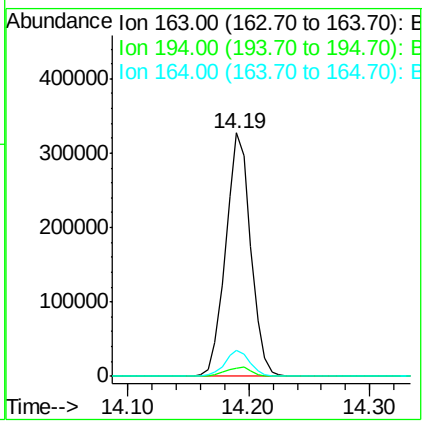


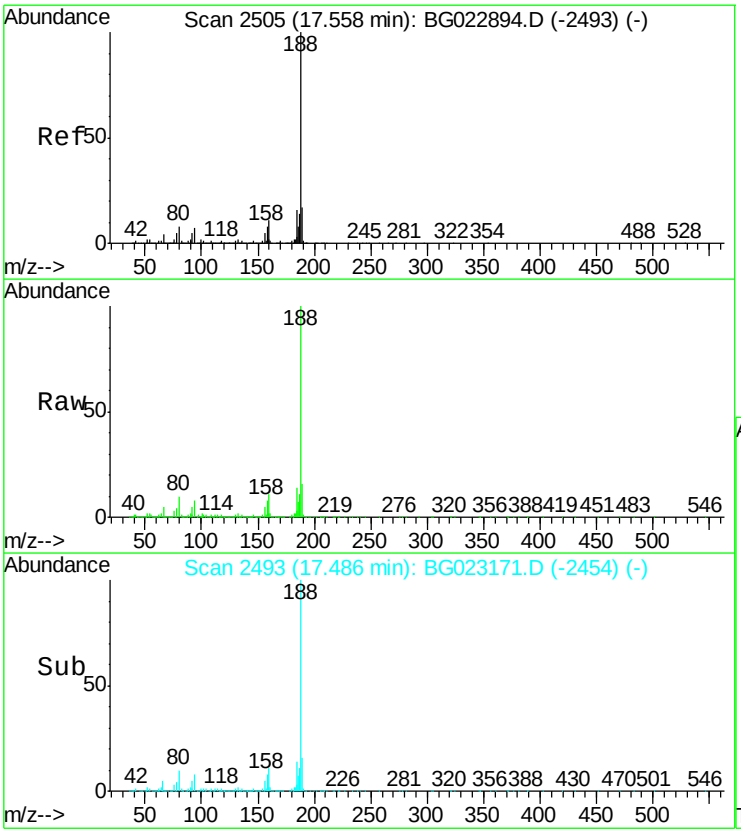
#49
Dimethylphthalate
Concen: 13.63 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.05 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 470112

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.6	5.4#
164	10.5	8.1	12.1

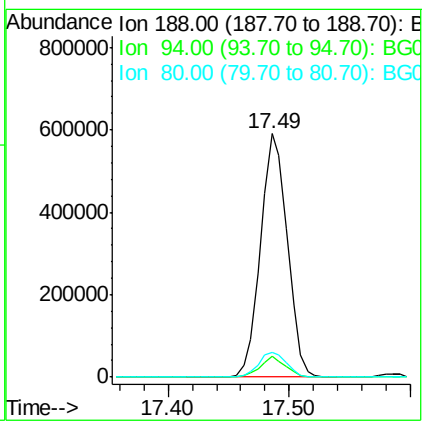


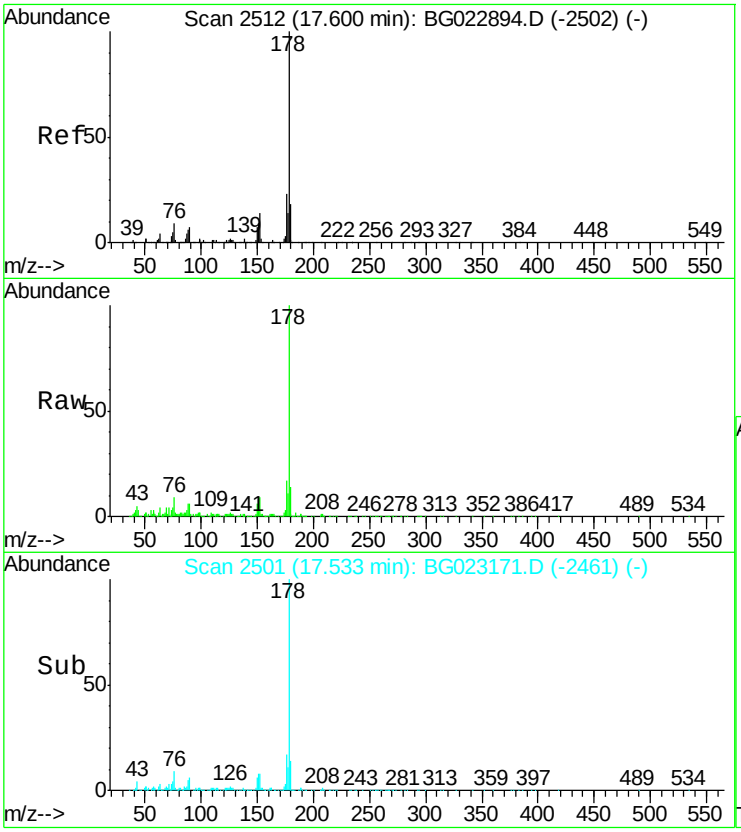


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.07 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Tgt Ion:188 Resp: 903817

Ion	Ratio	Lower	Upper
188	100		
94	8.4	5.2	7.8#
80	10.3	7.2	10.8



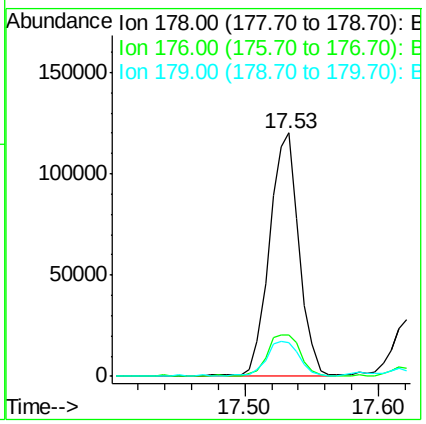


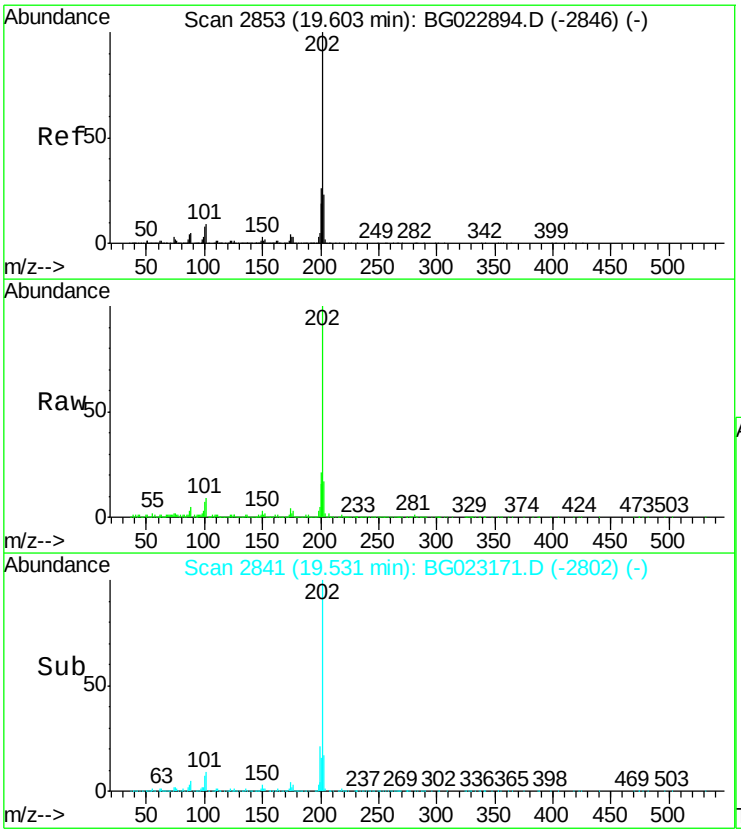
#70
Phenanthrene
Concen: 4.19 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.07 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 185775

Ion	Ratio	Lower	Upper
178	100		
176	17.2	16.8	25.2
179	14.1	14.3	21.5#

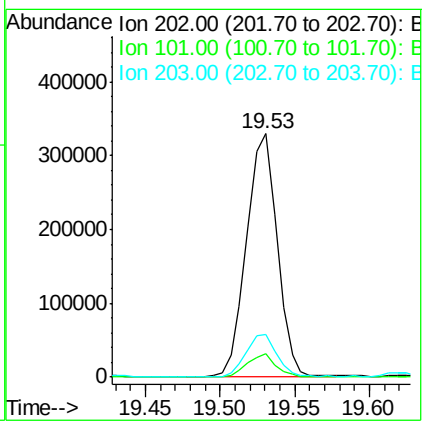


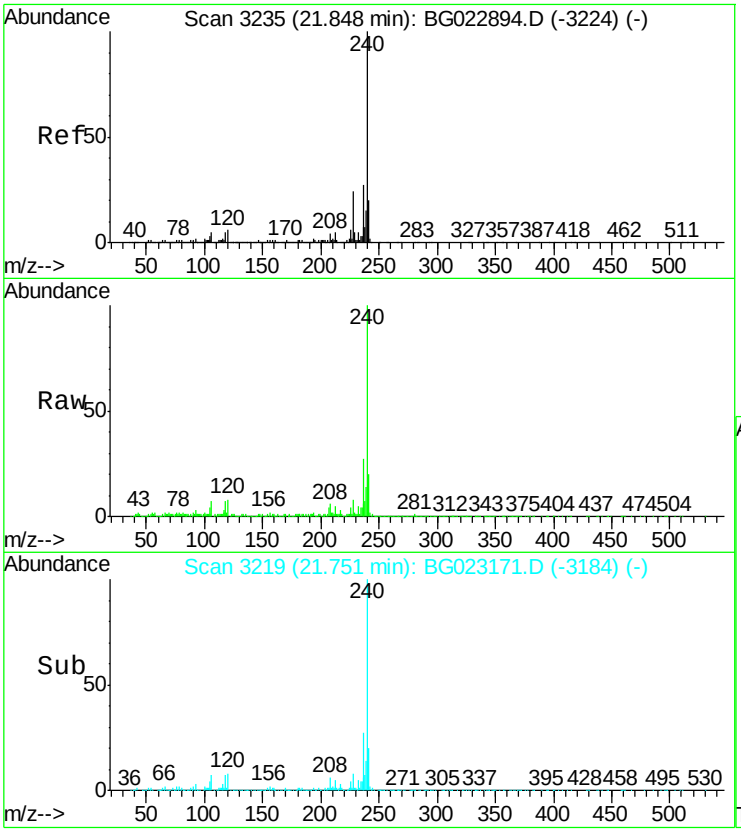


#74
Fluoranthene
Concen: 8.60 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.07 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Tgt Ion:202 Resp: 467517

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	27.4
203	17.3	1.7	41.7



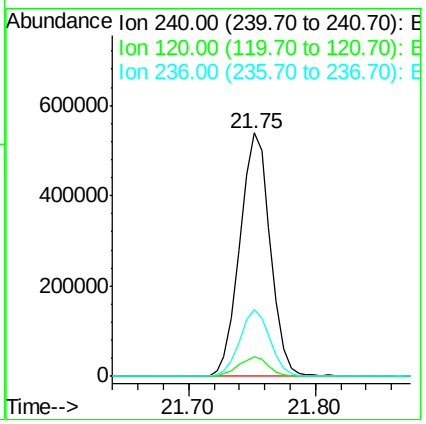


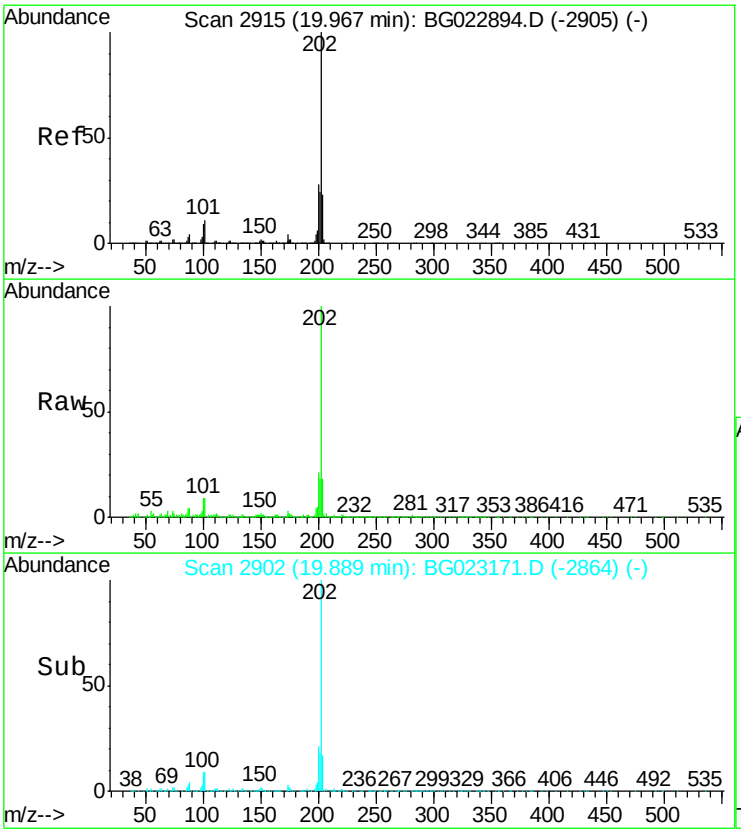
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.10 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 890443

Ion	Ratio	Lower	Upper
240	100		
120	8.1	4.1	6.1#
236	27.3	21.1	31.7

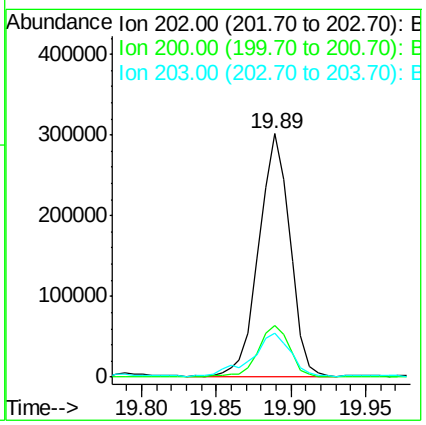


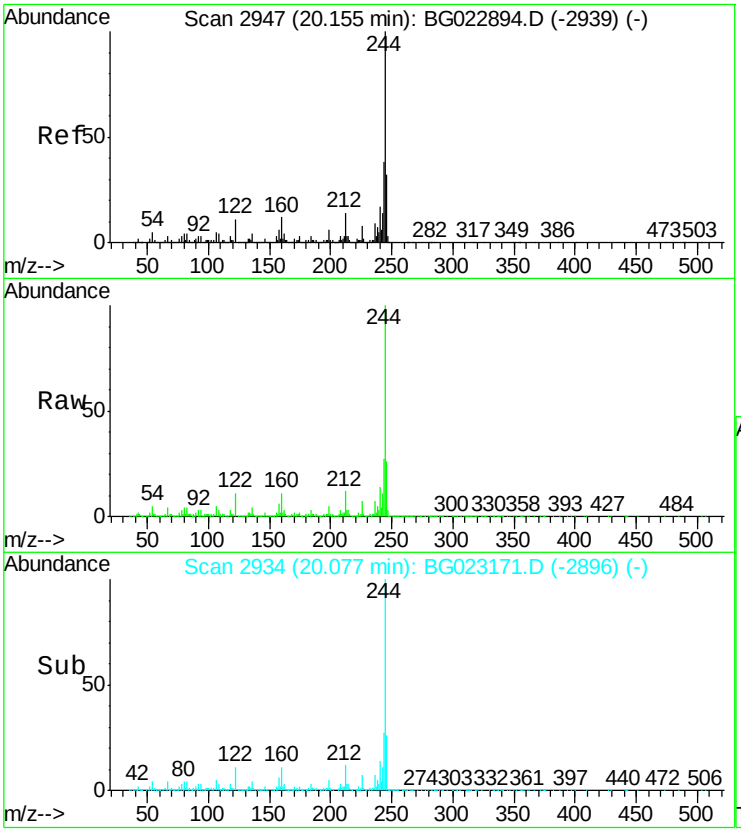


#77
Pyrene
Concen: 8.63 ng
RT: 19.89 min Scan# 2902
Delta R.T. -0.08 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Tgt Ion:202 Resp: 431904

Ion	Ratio	Lower	Upper
202	100		
200	21.0	21.2	31.8#
203	17.9	16.8	25.2



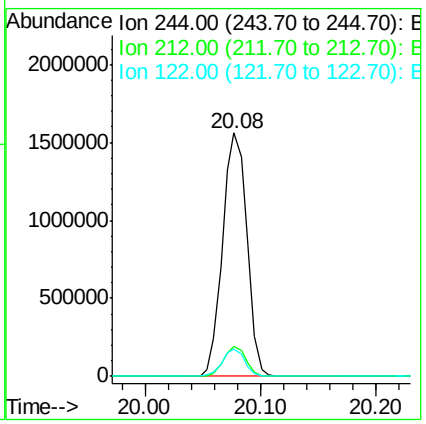


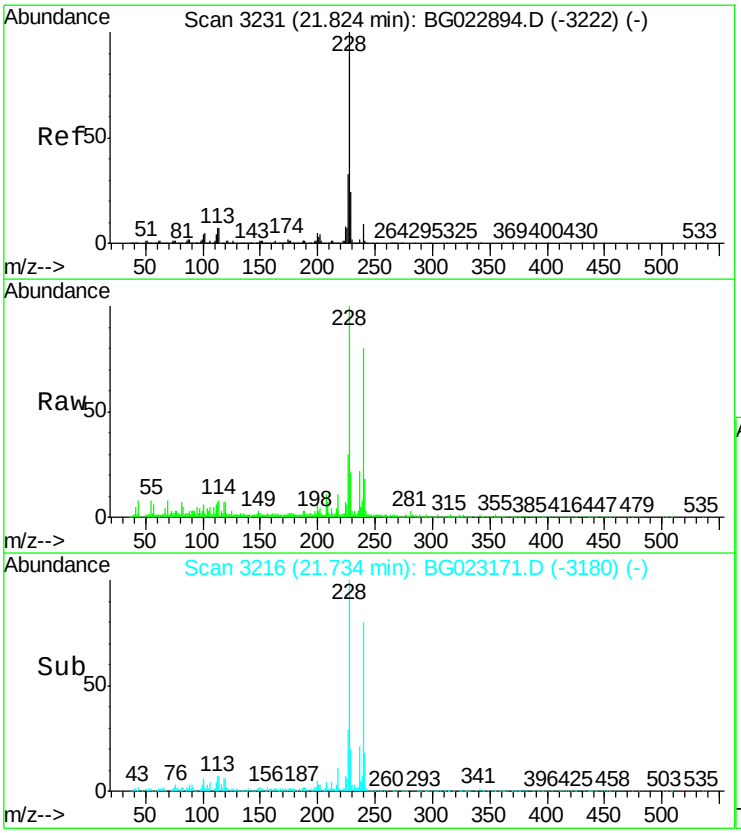
#78
Terphenyl-d14
Concen: 78.87 ng
RT: 20.08 min Scan# 2934
Delta R.T. -0.08 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2275925

Ion	Ratio	Lower	Upper
244	100		
212	12.2	10.8	16.2
122	11.1	8.0	12.0

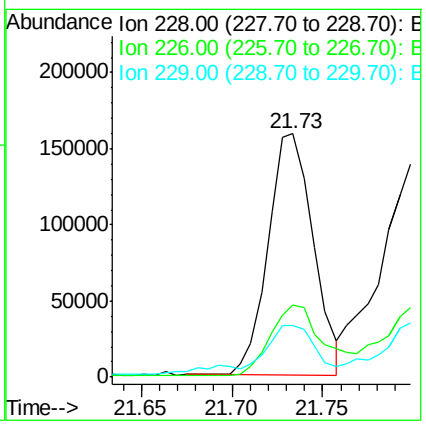


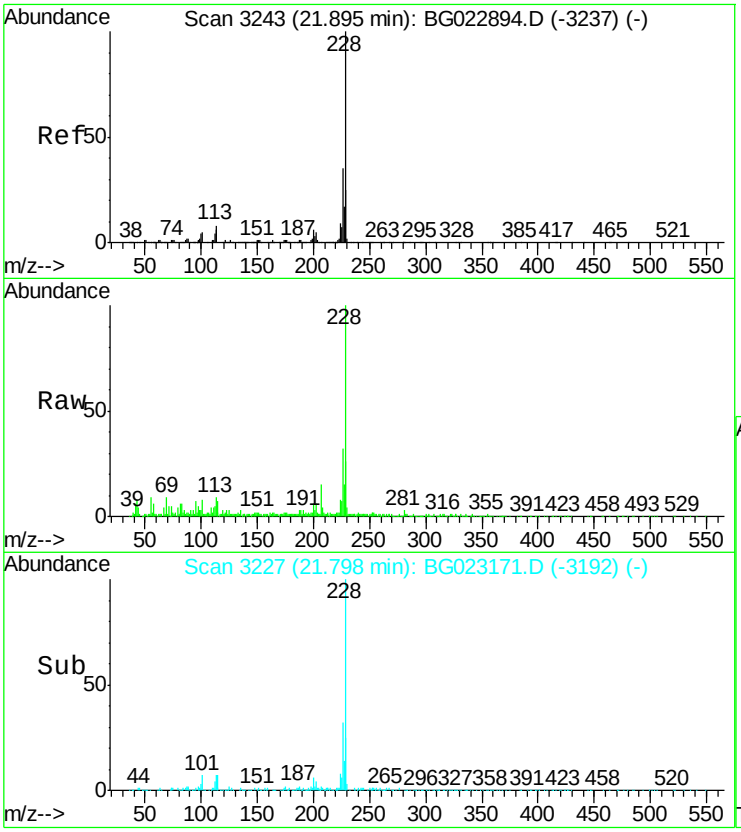


#80
Benzo(a)anthracene
Concen: 5.54 ng
RT: 21.73 min Scan# 3216
Delta R.T. -0.09 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Tgt Ion:228 Resp: 276209

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.3	37.9
229	21.2	19.9	29.9



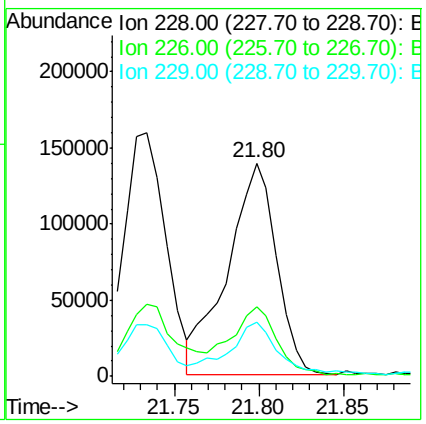


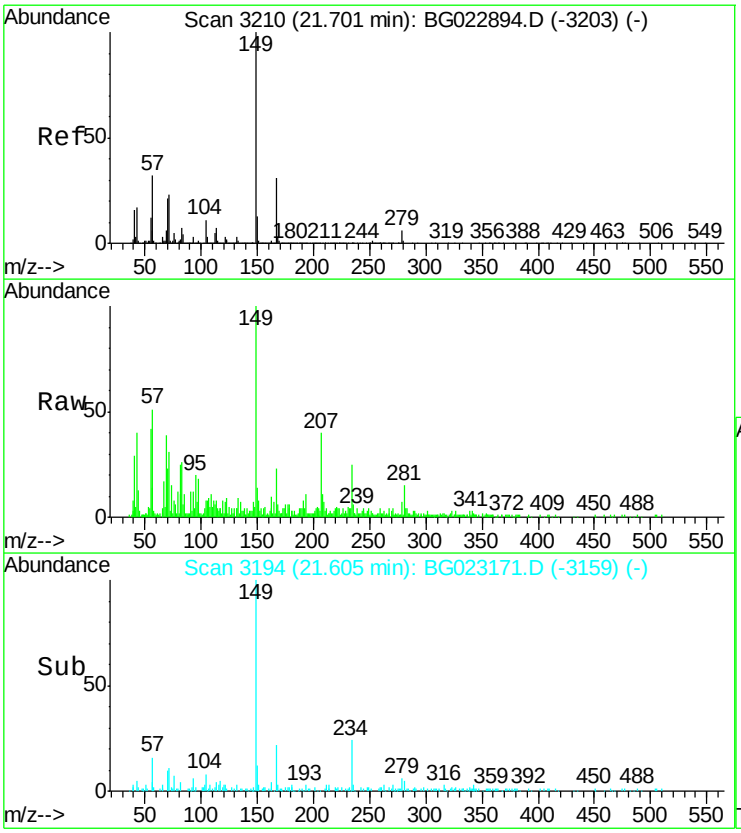
#82
Chrysene
Concen: 5.99 ng
RT: 21.80 min Scan# 3227
Delta R.T. -0.10 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 279987

Ion	Ratio	Lower	Upper
228	100		
226	32.5	26.7	40.1
229	25.6	17.4	26.2

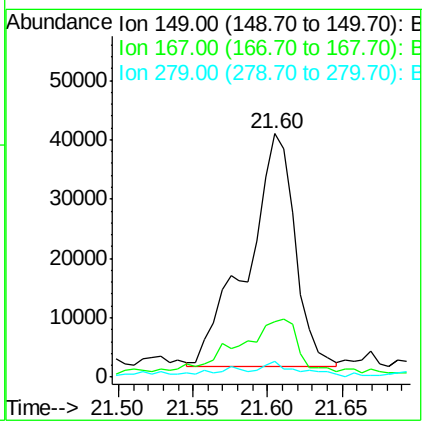


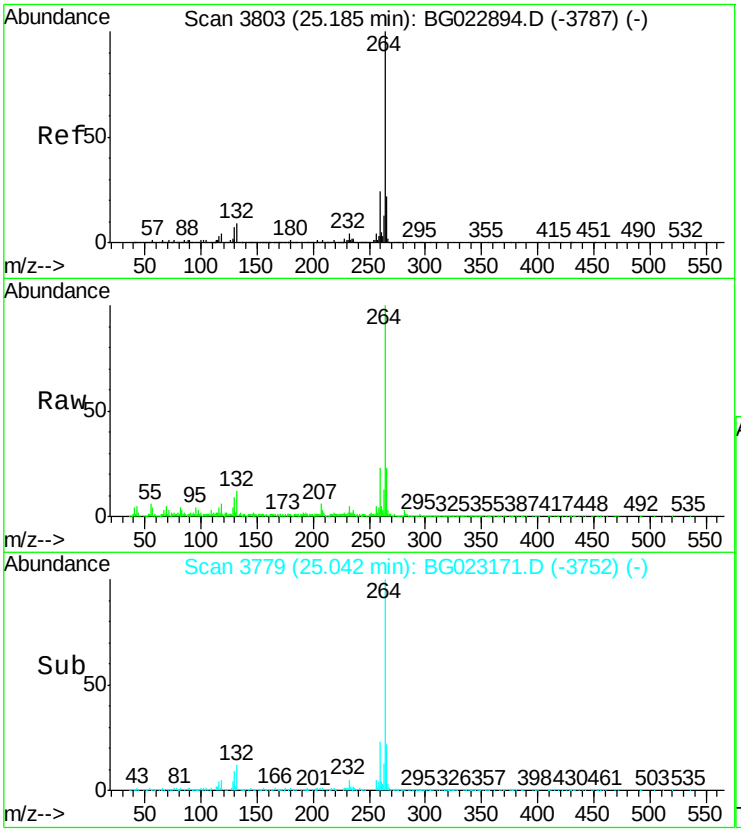


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.17 ng
RT: 21.60 min Scan# 3194
Delta R.T. -0.10 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Tgt Ion:149 Resp: 87304

Ion	Ratio	Lower	Upper
149	100		
167	22.6	24.0	36.0#
279	6.7	4.8	7.2



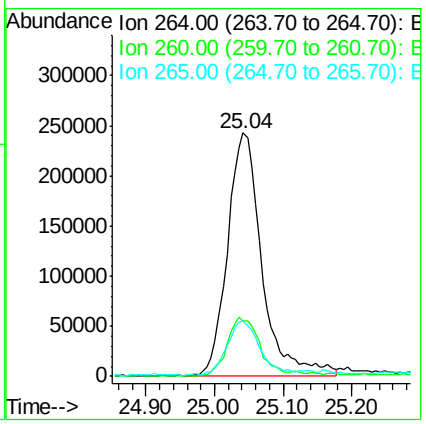


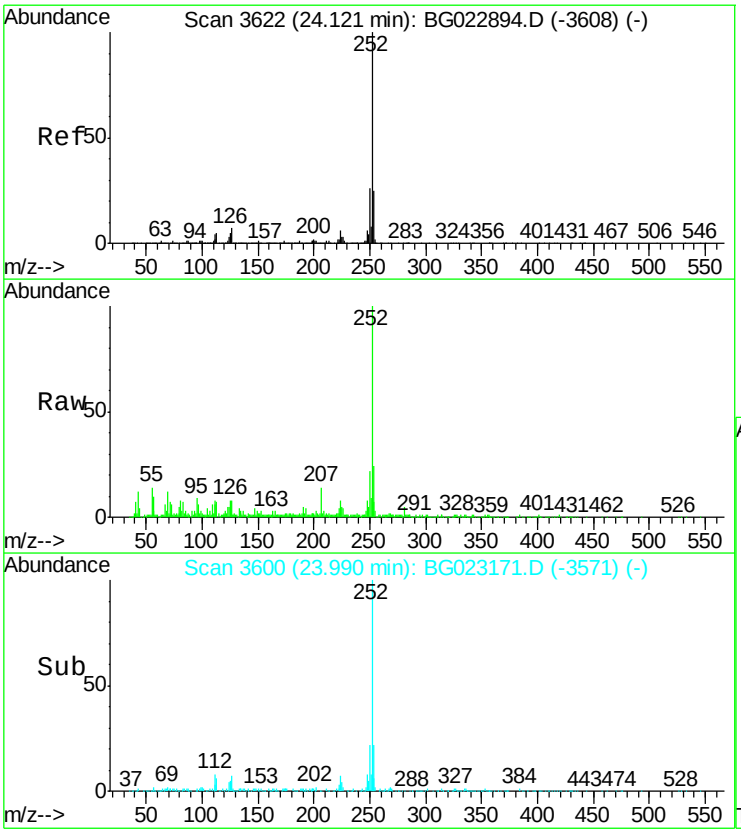
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.14 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 842097

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	22.7	18.9	28.3

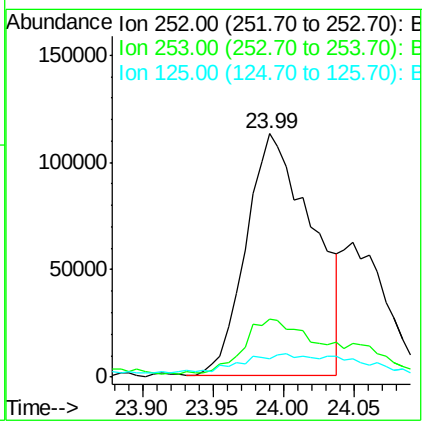


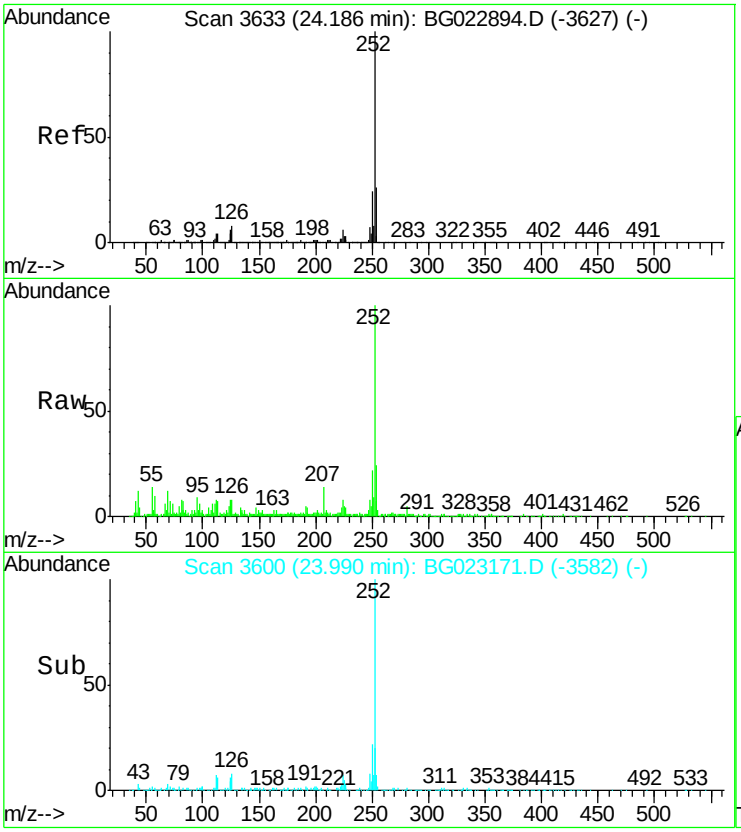


#87
Benzo(b)fluoranthene
Concen: 7.59 ng
RT: 23.99 min Scan# 3600
Delta R.T. -0.13 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Tgt Ion:252 Resp: 368843

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	7.6	3.9	5.9#



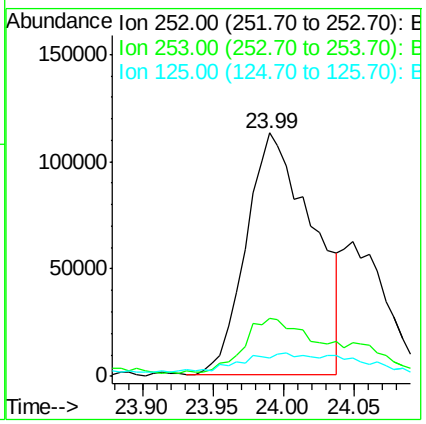


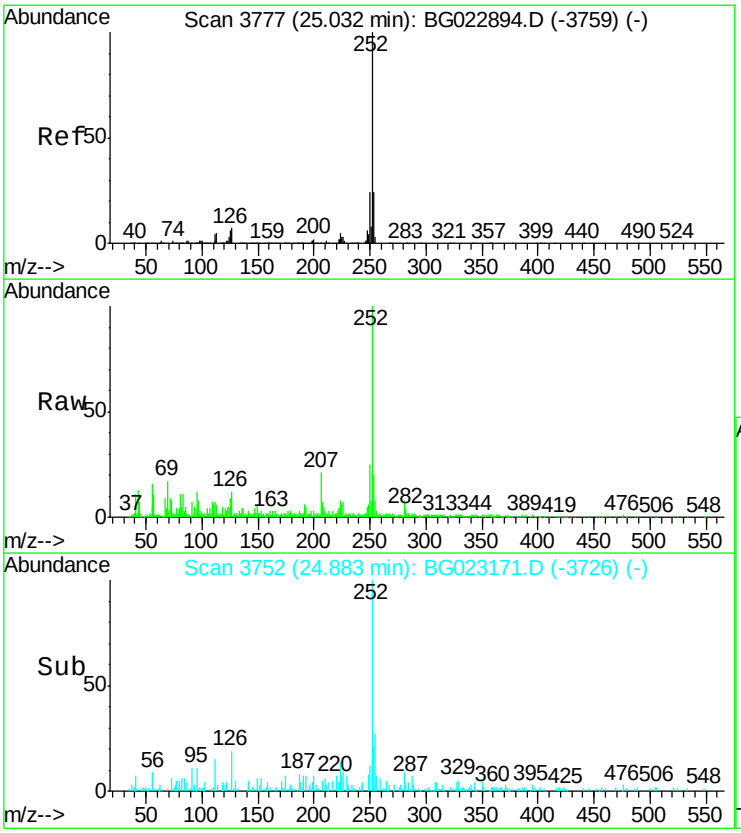
#88
Benzo(k)fluoranthene
Concen: 8.00 ng
RT: 23.99 min Scan# 3600
Delta R.T. -0.20 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 368843

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.8	28.2
125	7.6	3.2	4.8#





#89
Benzo(a)pyrene
Concen: 5.13 ng
RT: 24.88 min Scan# 3752
Delta R.T. -0.15 min
Lab File: BG023171.D
Acq: 18 Jul 2016 23:18

Tgt Ion:252 Resp: 239015

Ion	Ratio	Lower	Upper
252	100		
253	20.3	18.7	28.1
125	9.4	3.9	5.9#