Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG060916\RAW\
Data File : BG022262.D
Acq On : 9 Jun 2016 10:35
Operator : UM/SJ
Sample : H3402-09 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-43

Quant Time: Jun 09 13:47:29 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.116	152	45272	20.00	ng		0.00
21) Naphthalene-d8	10.936	136	229517	20.00	ng		0.00
38) Acenaphthene-d10	14.744	164	132526	20.00	ng		0.00
63) Phenanthrene-d10	17.488	188	254031	20.00	ng		0.00
75) Chrysene-d12	21.765	240	216619	20.00	ng		0.00
86) Perylene-d12	25.055	264	210426	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.666	112	167053	71.34	ng		0.00
7) Phenol-d6	7.276	99	249069	67.65	ng		0.00
23) Nitrobenzene-d5	9.285	82	129396	39.30	ng		0.00
41) 2,4,6-Tribromophenol	16.230	330	80203	53.56	ng		0.00
44) 2-Fluorobiphenyl	13.369	172	348225	40.04	ng		0.00
78) Terphenyl-d14	20.079	244	364908	39.99	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.186	163	103782	9.44	ng		97
70) Phenanthrene	17.529	178	157744	11.43	ng		98
71) Anthracene	17.623	178	35995	2.63	ng		99
74) Fluoranthene	19.532	202	239319	15.09	ng		97
77) Pyrene	19.896	202	222464	16.52	ng		99
80) Benzo(a)anthracene	21.741	228	112207	9.24	ng		99
82) Chrysene	21.812	228	90082	7.62	ng		95
87) Benzo(b)fluoranthene	24.015	252	167973	13.69	ng	#	94
88) Benzo(k)fluoranthene	24.015	252	167973	13.90	ng	#	94
89) Benzo(a)pyrene	24.902	252	87240	7.43	ng	#	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG060916\RAW\
Data File : BG022262.D
Acq On : 9 Jun 2016 10:35
Operator : UM/SJ
Sample : H3402-09 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: Jun 09 13:47:29 2016
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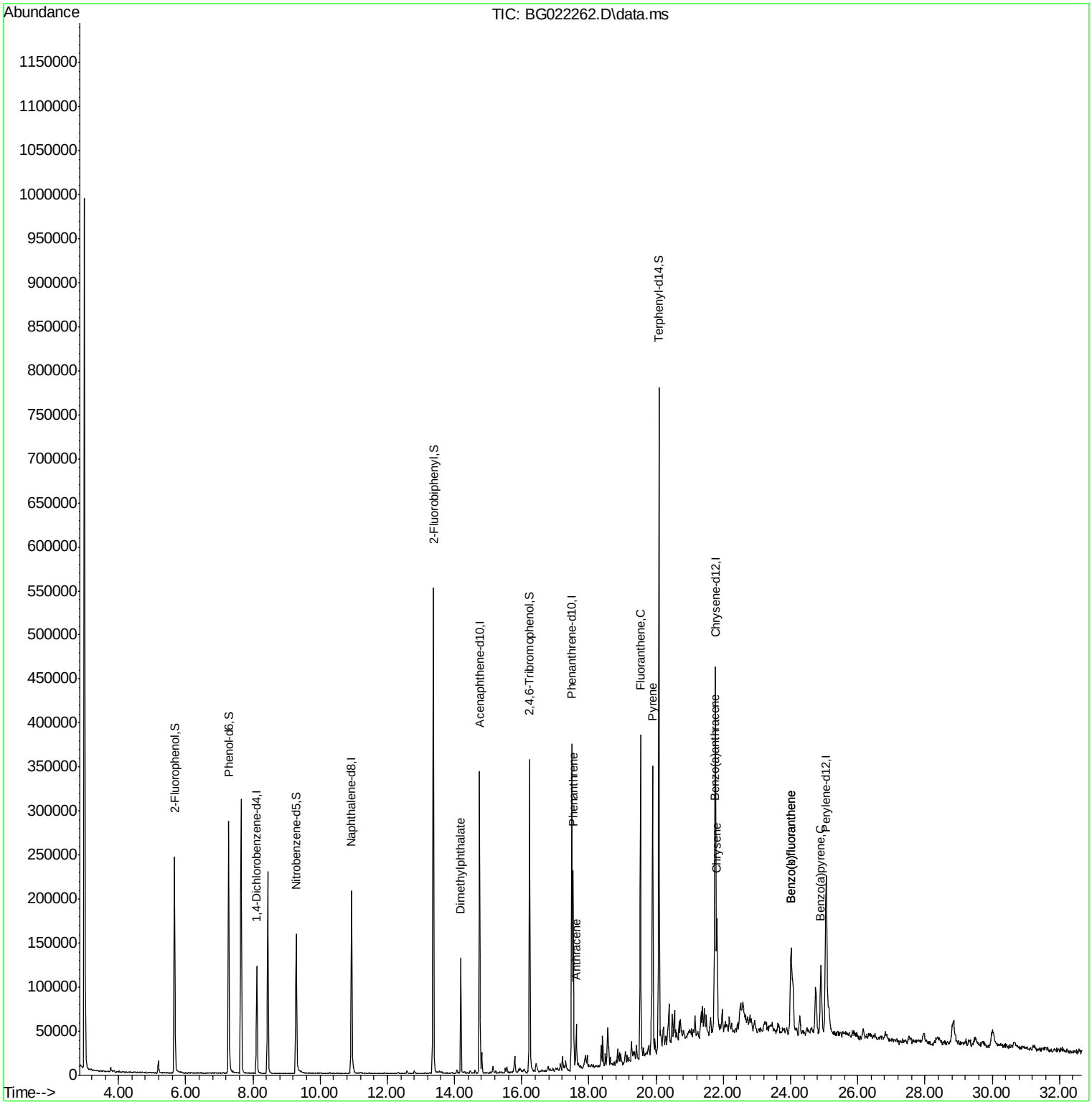
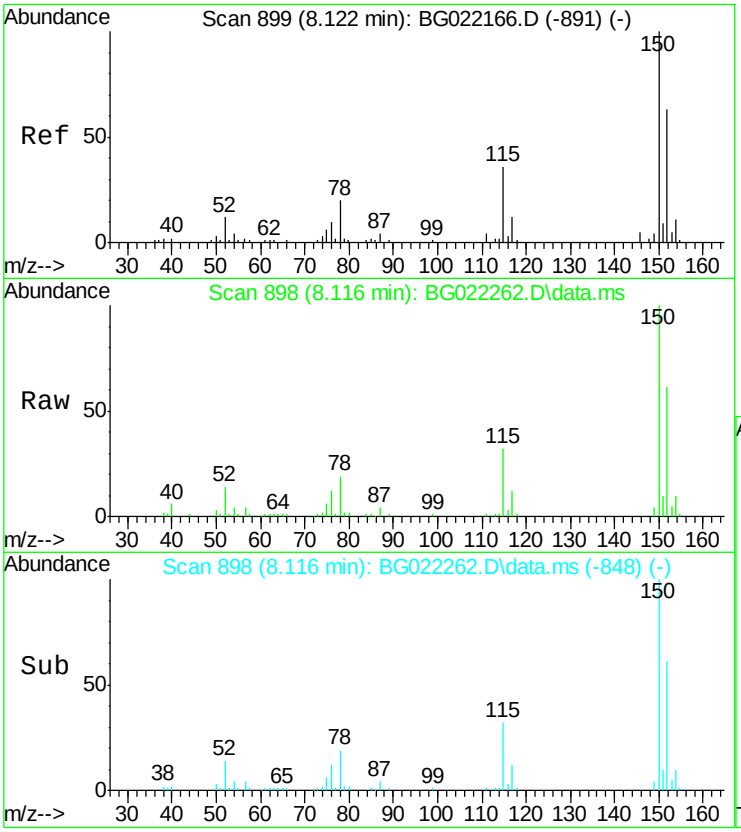


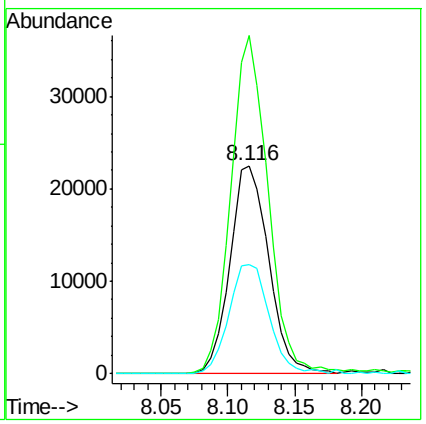


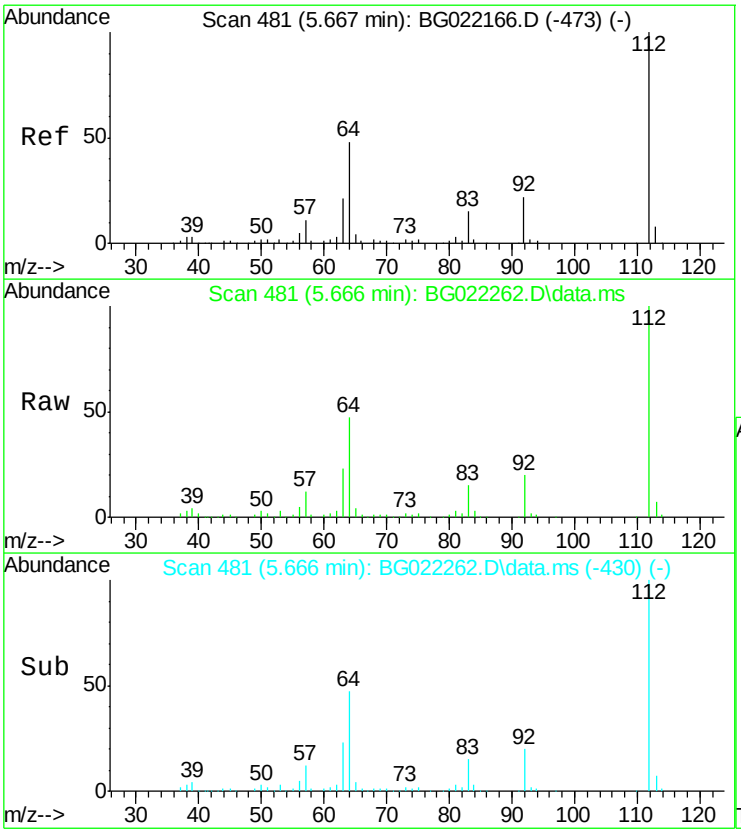
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.116 min Scan# 89
Delta R.T. -0.006 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Instrument :
BNA_G
ClientSampleId :
SS-43

Tgt Ion:152 Resp: 45272

Ion	Ratio	Lower	Upper
152	100		
150	162.9	130.1	195.1
115	52.5	62.2	93.2#

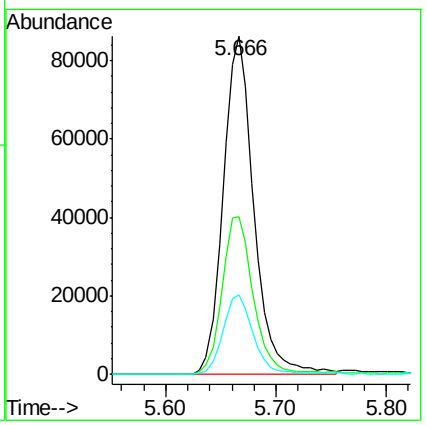


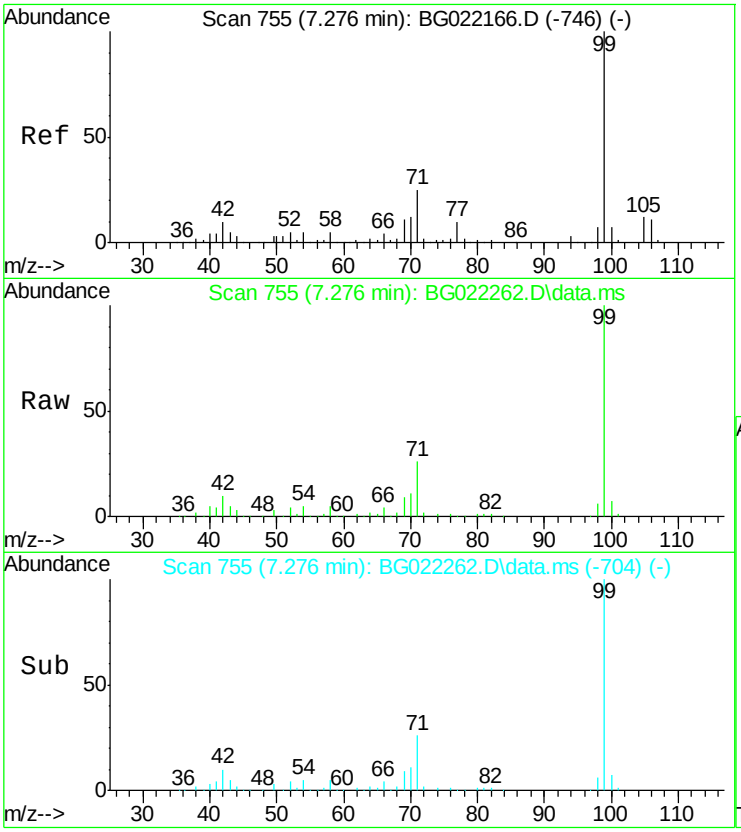


#5
2-Fluorophenol
Concen: 71.34 ng
RT: 5.666 min Scan# 481
Delta R.T. 0.000 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Tgt Ion:112 Resp: 167053

Ion	Ratio	Lower	Upper
112	100		
64	46.7	51.1	76.7#
63	23.4	24.6	37.0#



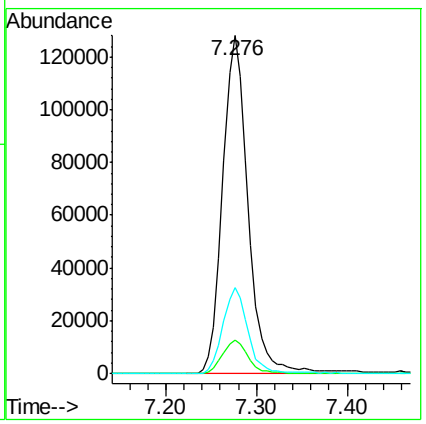


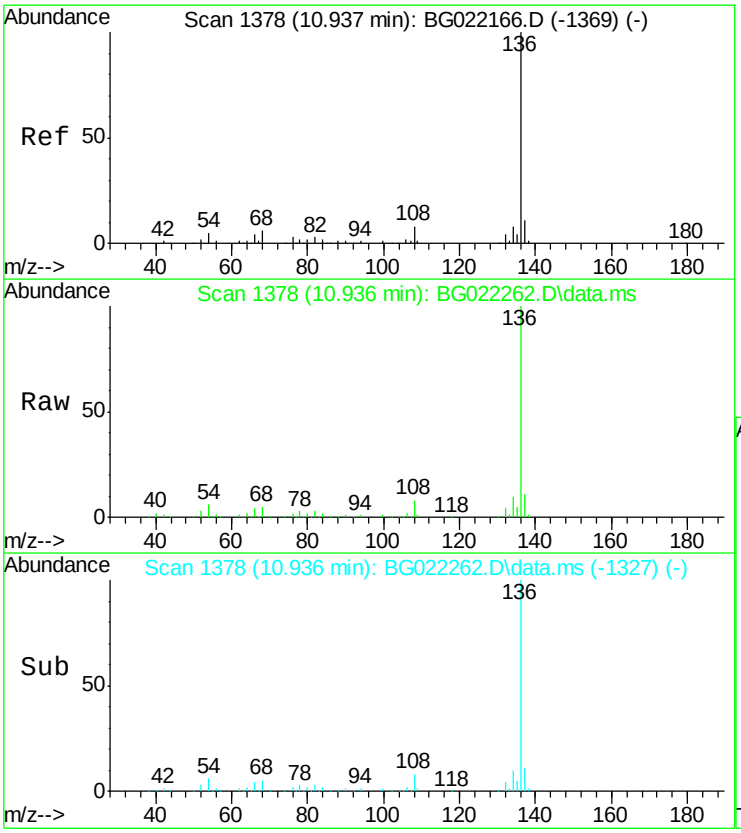
#7
Phenol-d6
Concen: 67.65 ng
RT: 7.276 min Scan# 75
Delta R.T. -0.000 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Instrument :
BNA_G
ClientSampleId :
SS-43

Tgt Ion: 99 Resp: 249069

Ion	Ratio	Lower	Upper
99	100		
42	10.0	16.4	24.6#
71	25.6	25.0	37.4

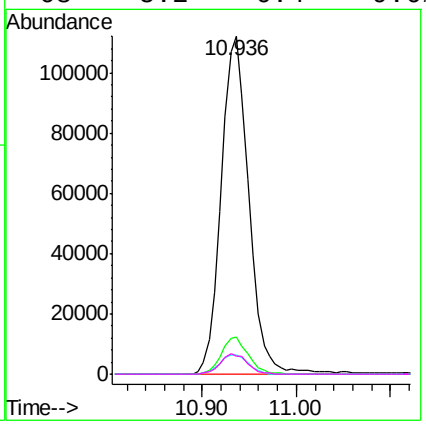


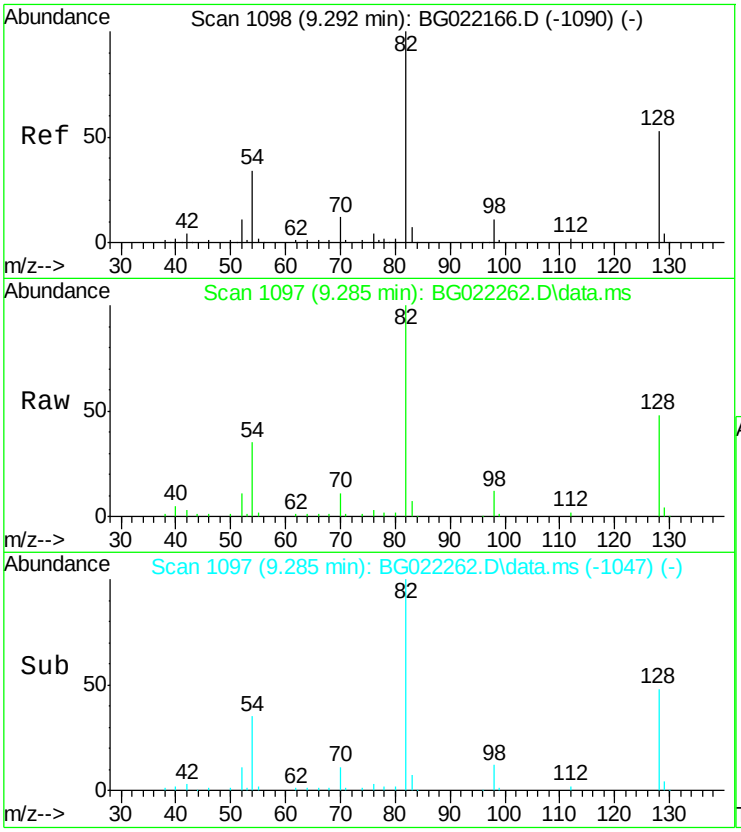


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.936 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Tgt Ion:136 Resp: 229517

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	5.9	9.6	14.4#
68	5.2	6.4	9.6#



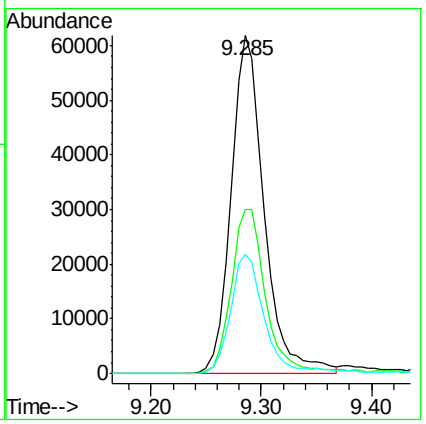


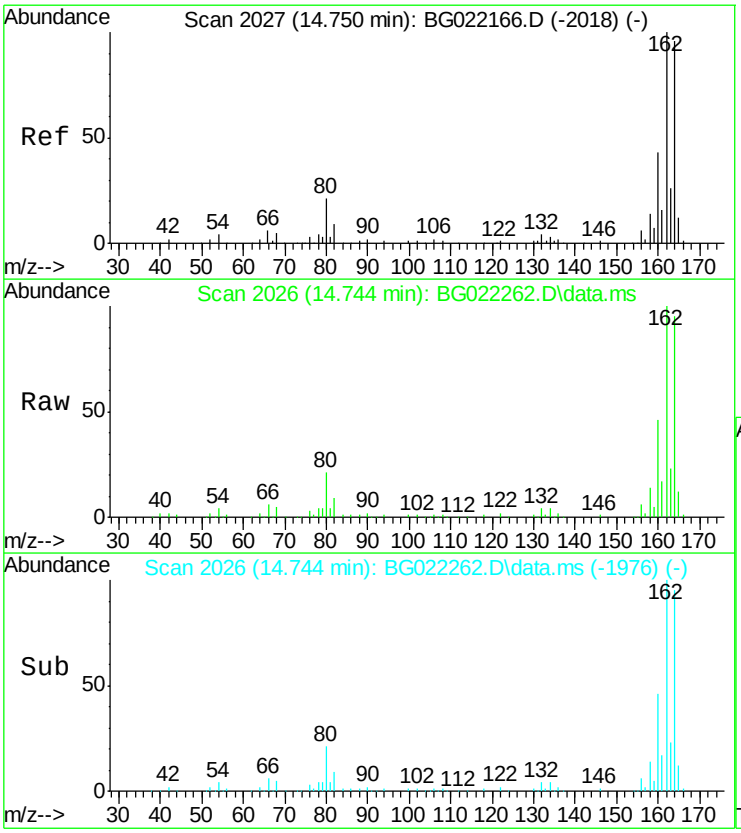
#23
Nitrobenzene-d5
Concen: 39.30 ng
RT: 9.285 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Instrument :
BNA_G
ClientSampleId :
SS-43

Tgt Ion: 82 Resp: 129396

Ion	Ratio	Lower	Upper
82	100		
128	48.4	33.4	50.0
54	35.1	46.1	69.1#

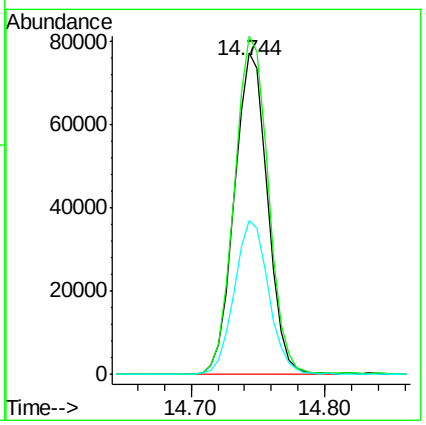


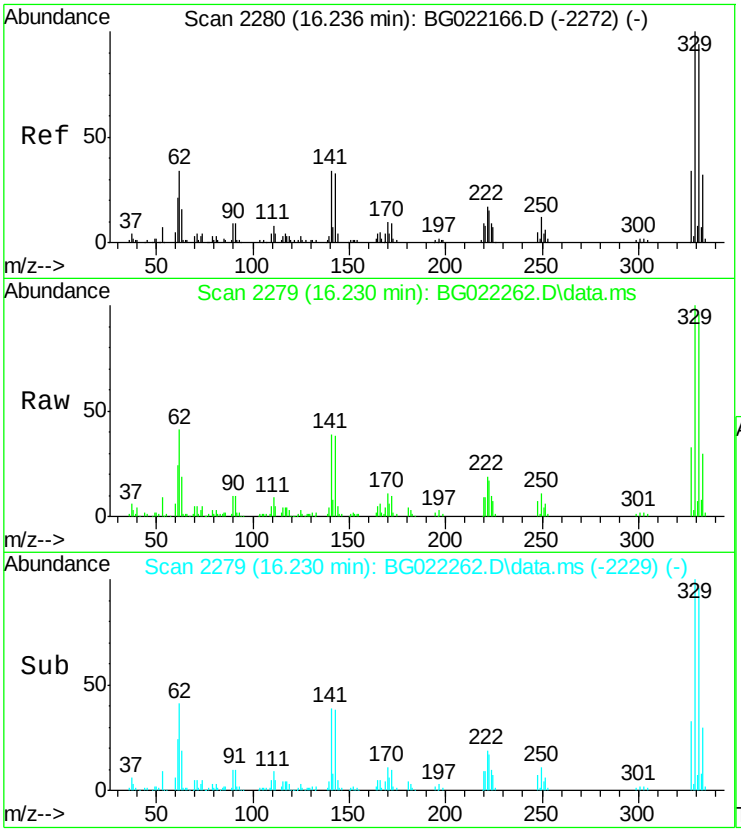


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.744 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Tgt Ion:164 Resp: 132526

Ion	Ratio	Lower	Upper
164	100		
162	105.0	78.0	117.0
160	47.8	32.9	49.3



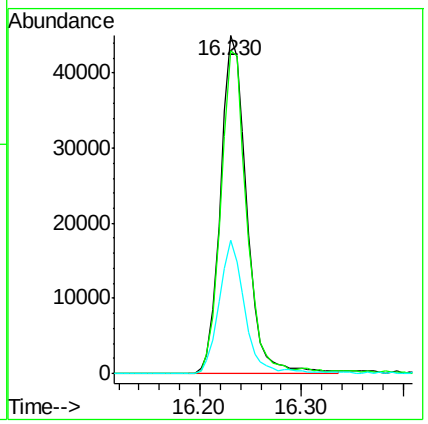


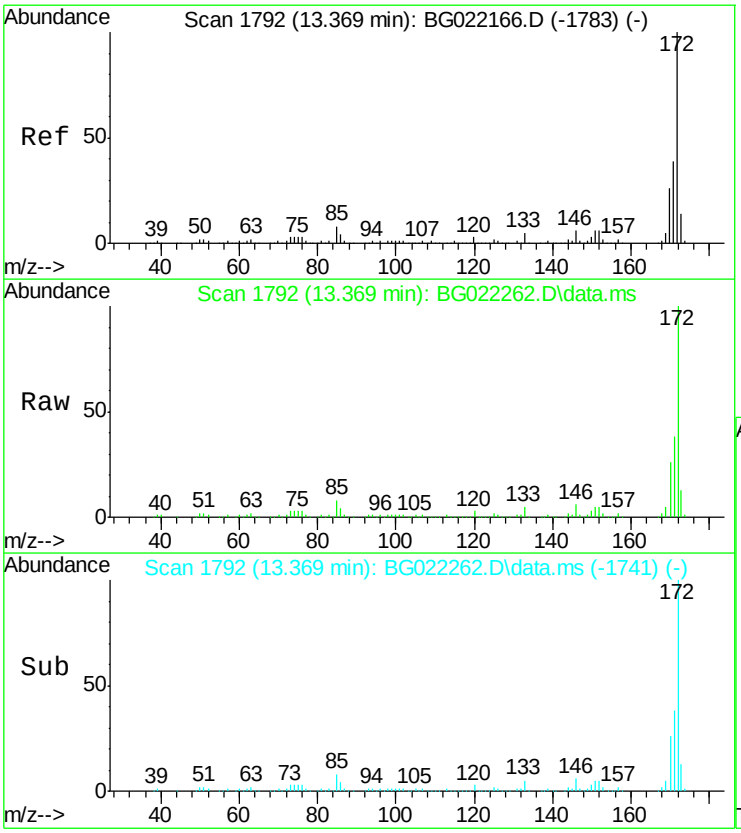
#41
2,4,6-Tribromophenol
Concen: 53.56 ng
RT: 16.230 min Scan# 22
Delta R.T. -0.006 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Instrument :
BNA_G
ClientSampleId :
SS-43

Tgt Ion:330 Resp: 80203

Ion	Ratio	Lower	Upper
330	100		
332	94.0	78.0	117.0
141	38.7	33.8	50.8

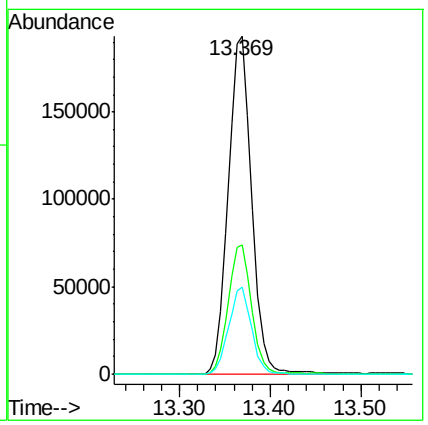


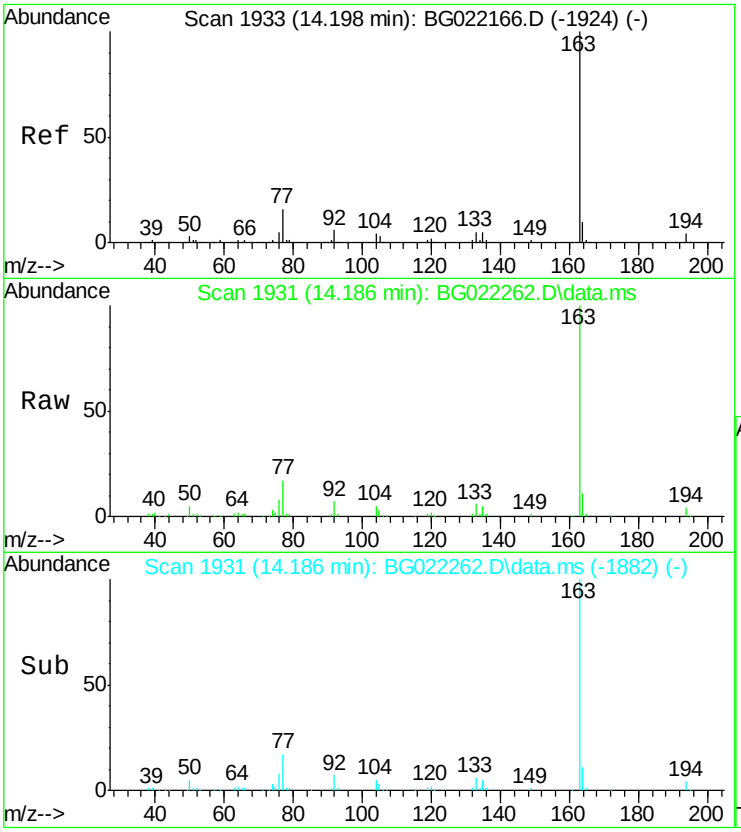


#44
2-Fluorobiphenyl
Concen: 40.04 ng
RT: 13.369 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Tgt Ion:172 Resp: 348225

Ion	Ratio	Lower	Upper
172	100		
171	38.4	27.8	41.6
170	25.7	19.6	29.4



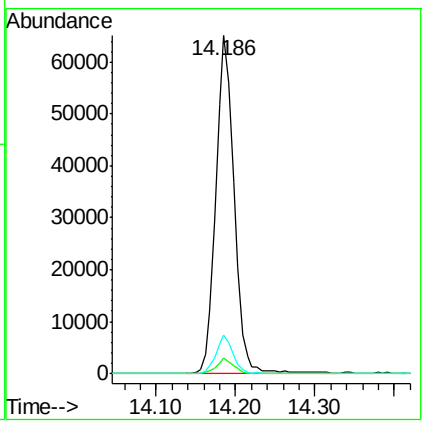


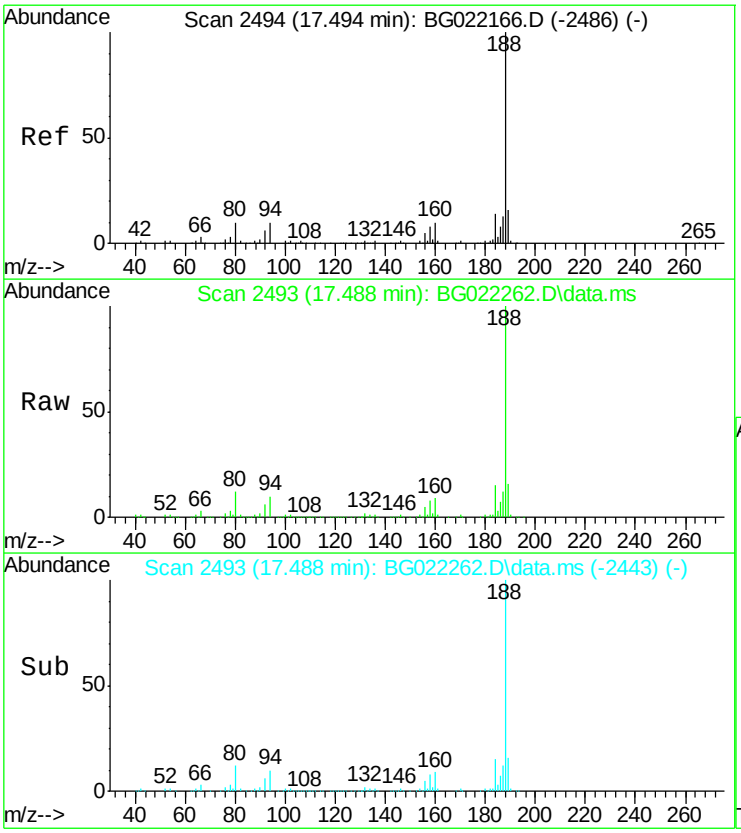
#49
Dimethylphthalate
Concen: 9.44 ng
RT: 14.186 min Scan# 19
Delta R.T. -0.012 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Instrument :
BNA_G
ClientSampleId :
SS-43

Tgt Ion:163 Resp: 103782

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.6
164	11.3	8.1	12.1

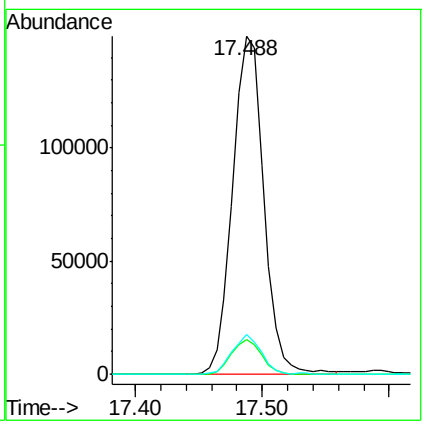


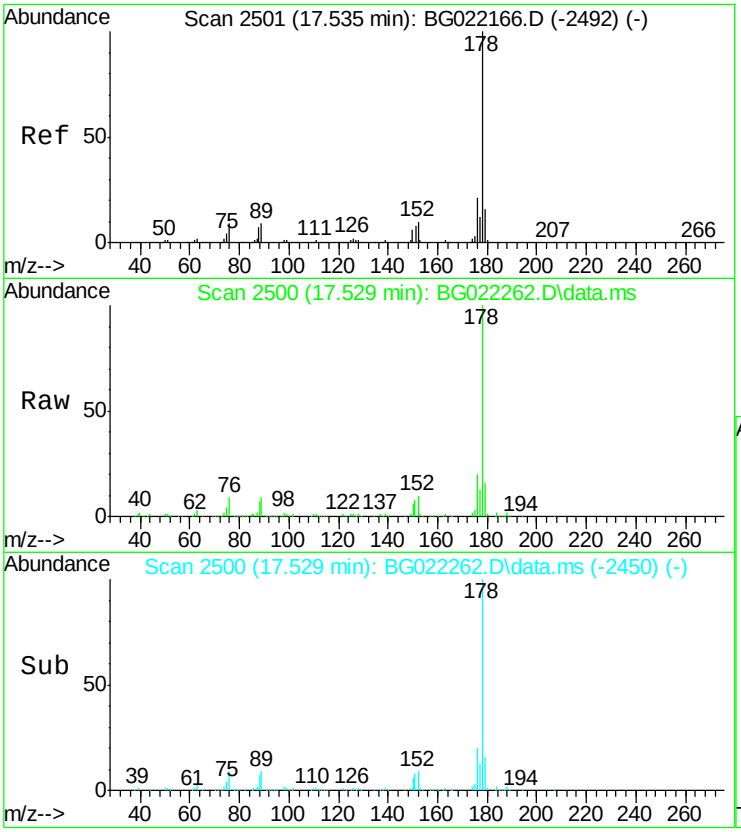


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.488 min Scan# 2493
Delta R.T. -0.006 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Tgt Ion:188 Resp: 254031

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.5	11.3
80	11.9	8.6	13.0



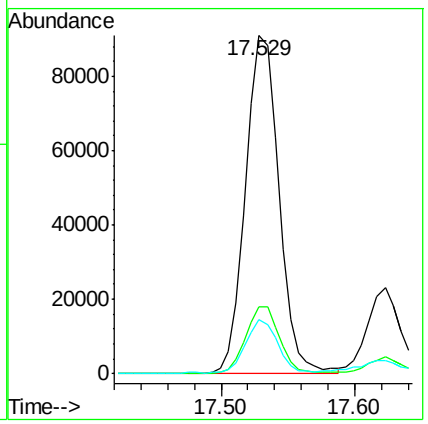


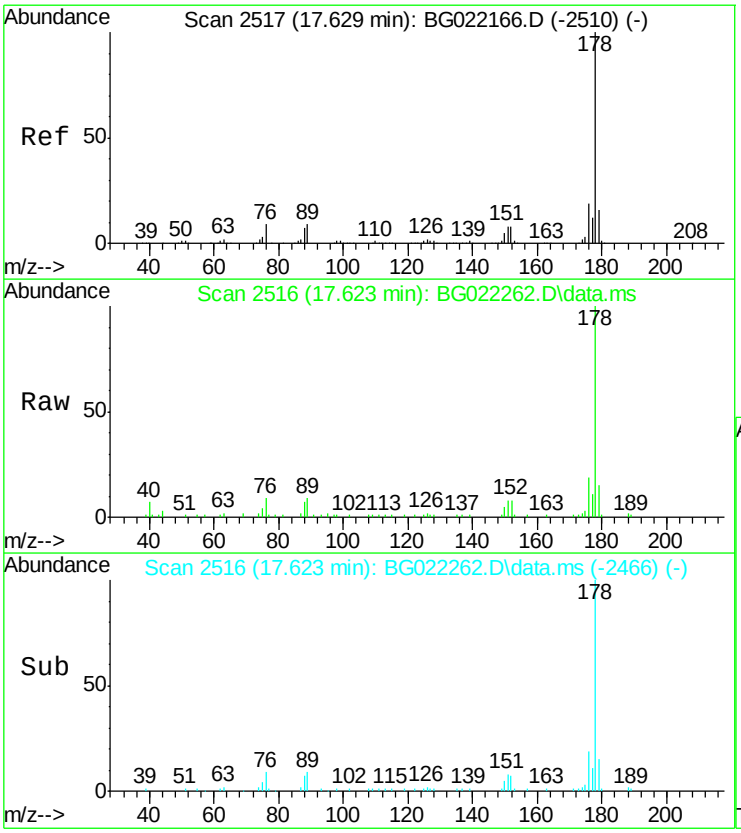
#70
Phenanthrene
Concen: 11.43 ng
RT: 17.529 min Scan# 25
Delta R.T. -0.006 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Instrument :
BNA_G
ClientSampleId :
SS-43

Tgt Ion:178 Resp: 157744

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	16.1	12.0	18.0

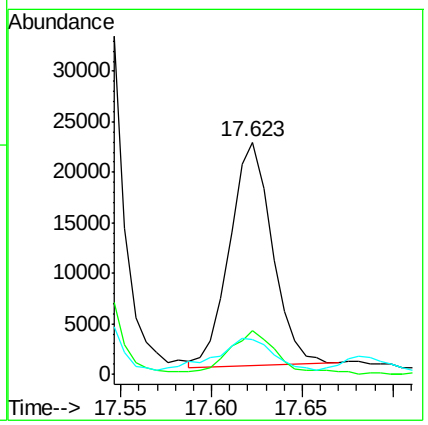


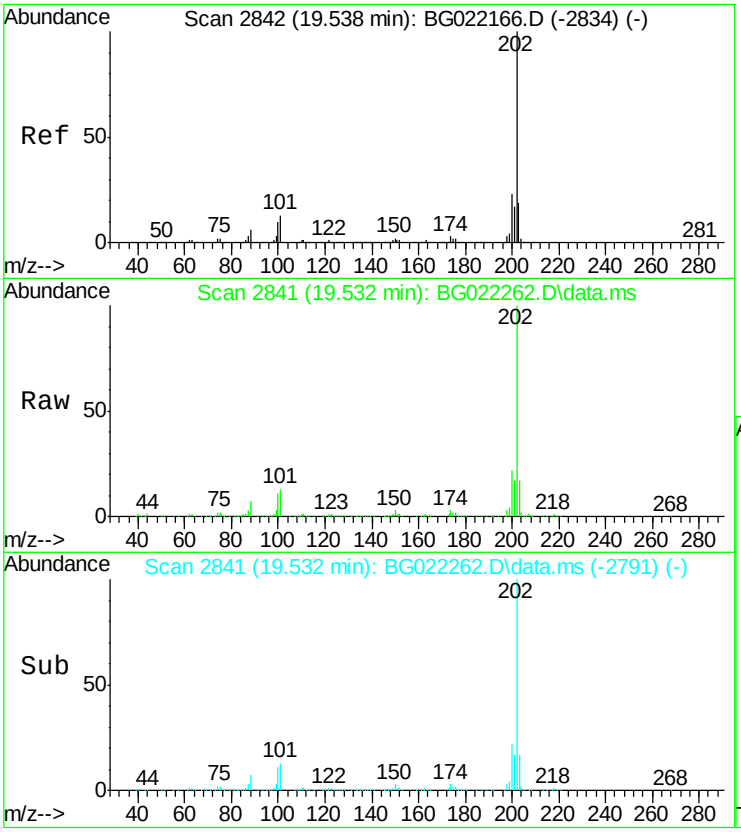


#71
Anthracene
Concen: 2.63 ng
RT: 17.623 min Scan# 2516
Delta R.T. -0.006 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Tgt Ion:178 Resp: 35995

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	14.8	12.2	18.4



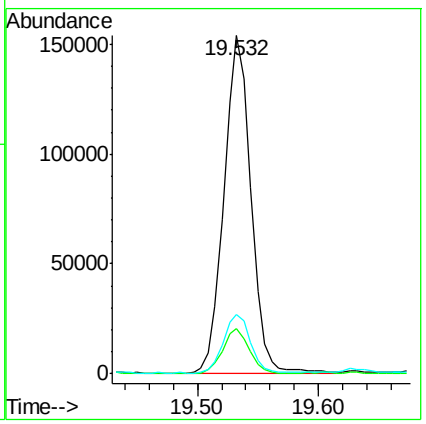


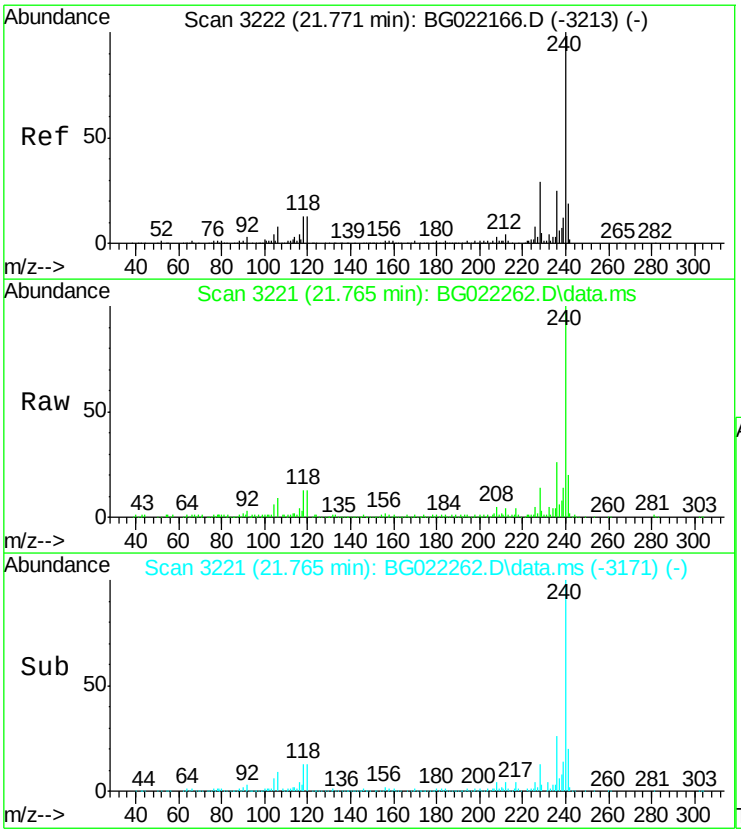
#74
Fluoranthene
Concen: 15.09 ng
RT: 19.532 min Scan# 28
Delta R.T. -0.006 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Instrument :
BNA_G
ClientSampleId :
SS-43

Tgt Ion:202 Resp: 239319

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	31.0
203	17.5	0.0	37.9

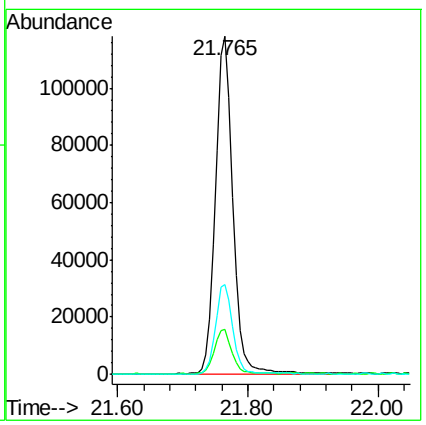


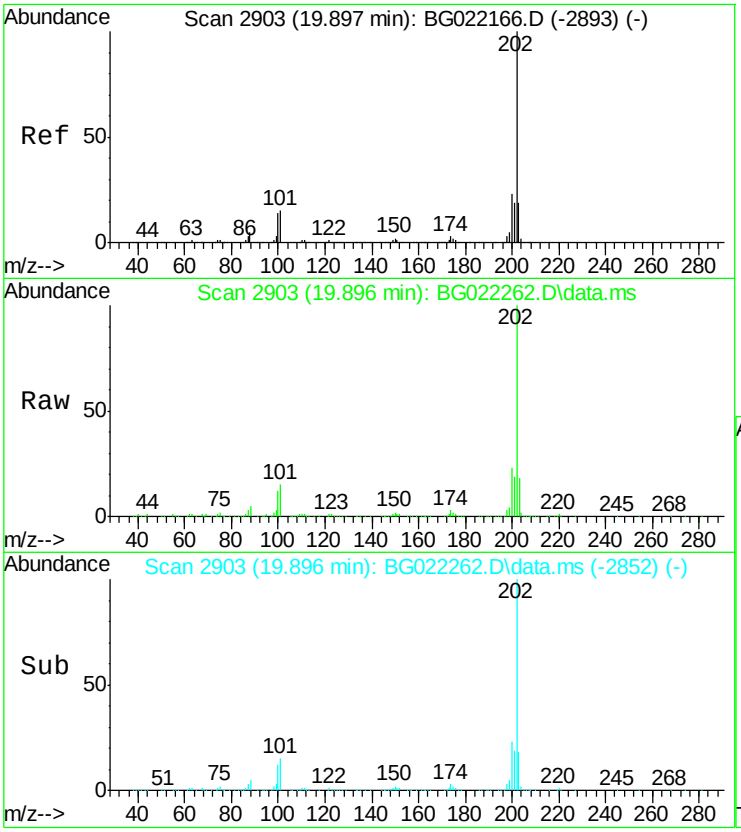


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.765 min Scan# 3221
Delta R.T. -0.006 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Tgt Ion:240 Resp: 216619

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.4	12.6#
236	26.4	19.6	29.4



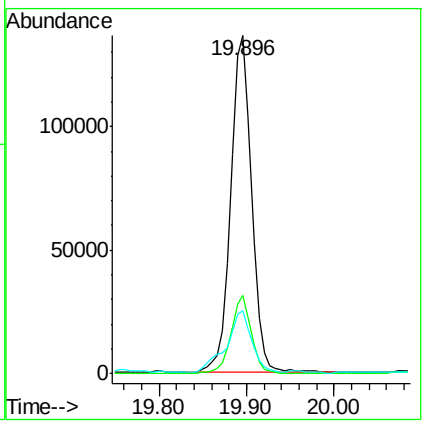


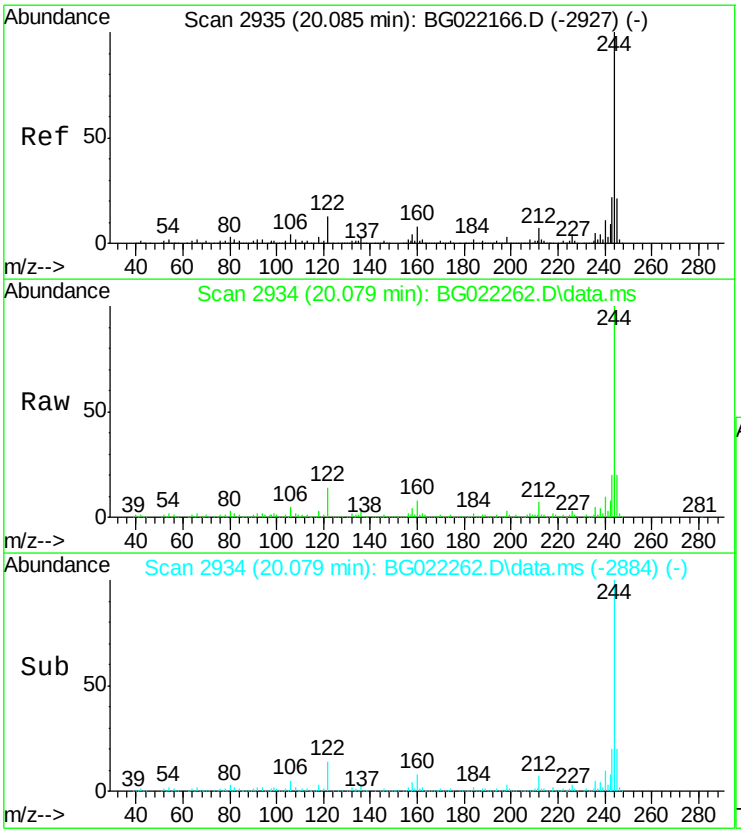
#77
Pyrene
Concen: 16.52 ng
RT: 19.896 min Scan# 29
Delta R.T. -0.000 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Instrument :
BNA_G
ClientSampleId :
SS-43

Tgt Ion:202 Resp: 222464

Ion	Ratio	Lower	Upper
202	100		
200	23.1	18.2	27.2
203	18.5	15.0	22.4

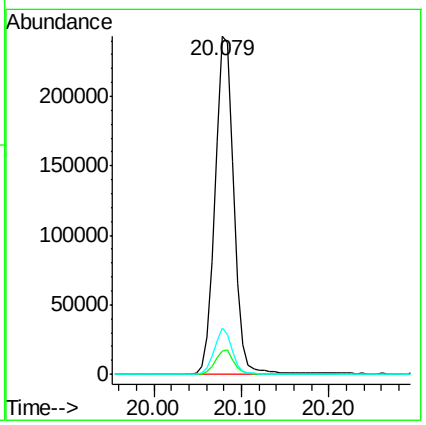


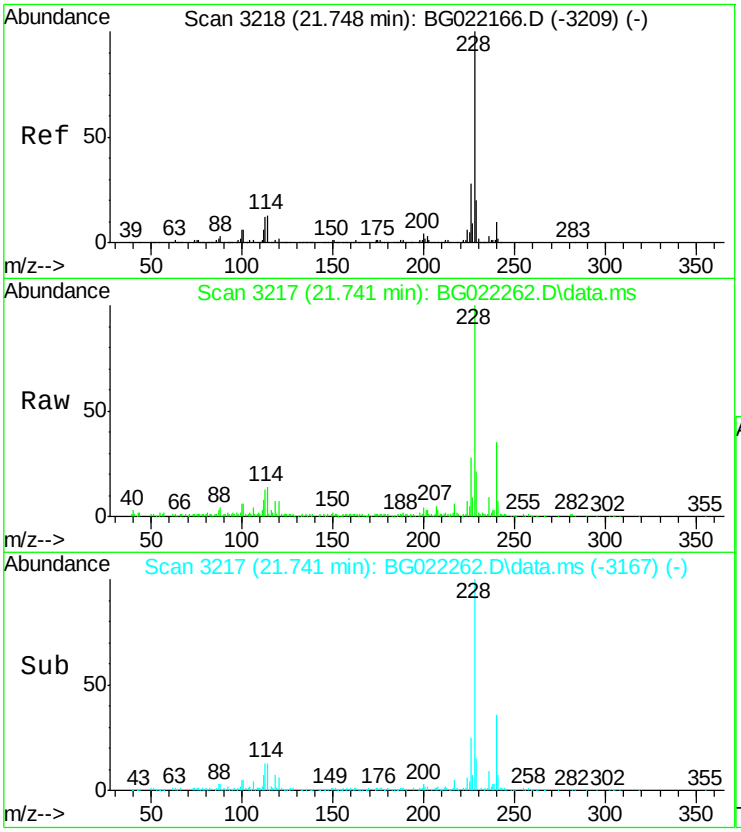


#78
Terphenyl-d14
Concen: 39.99 ng
RT: 20.079 min Scan# 2934
Delta R.T. -0.006 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Tgt Ion:244 Resp: 364908

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	13.7	8.6	12.8#



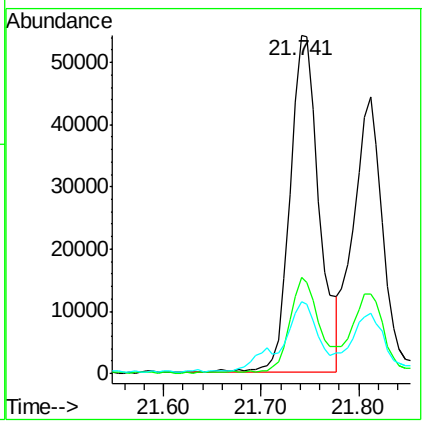


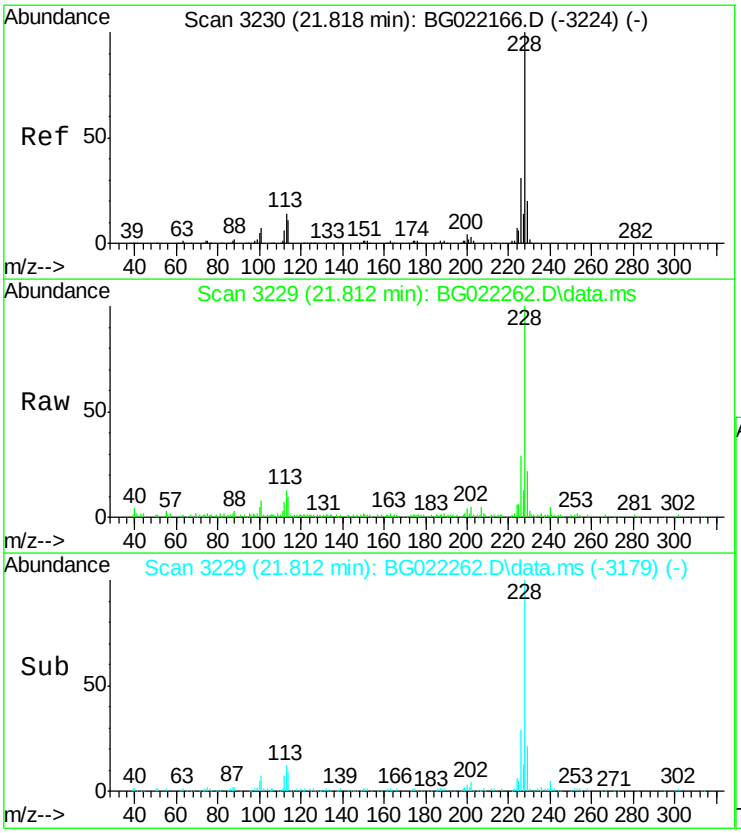
#80
Benzo(a)anthracene
Concen: 9.24 ng
RT: 21.741 min Scan# 32
Delta R.T. -0.006 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Instrument :
BNA_G
ClientSampleId :
SS-43

Tgt Ion:228 Resp: 112207

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	34.0
229	21.3	16.1	24.1

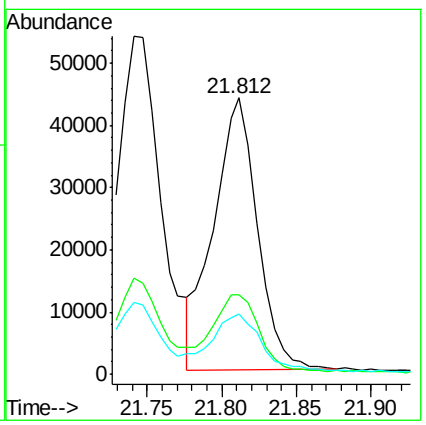


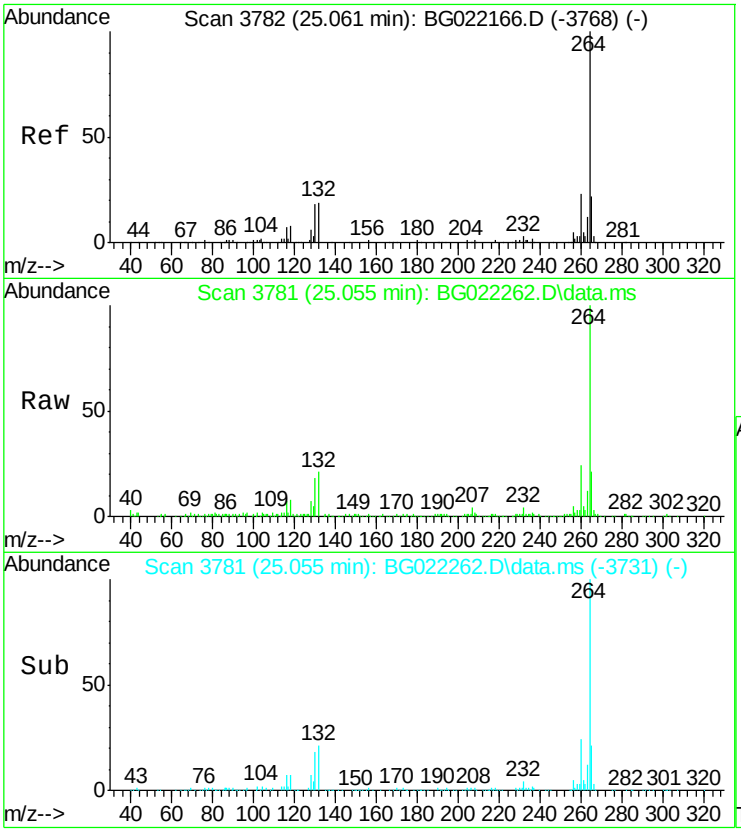


#82
Chrysene
Concen: 7.62 ng
RT: 21.812 min Scan# 3229
Delta R.T. -0.006 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Tgt Ion:228 Resp: 90082

Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.4	38.0
229	21.6	15.9	23.9



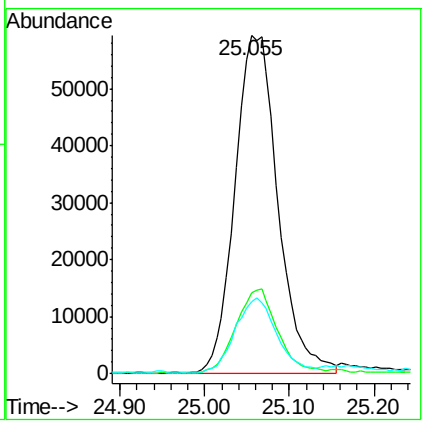


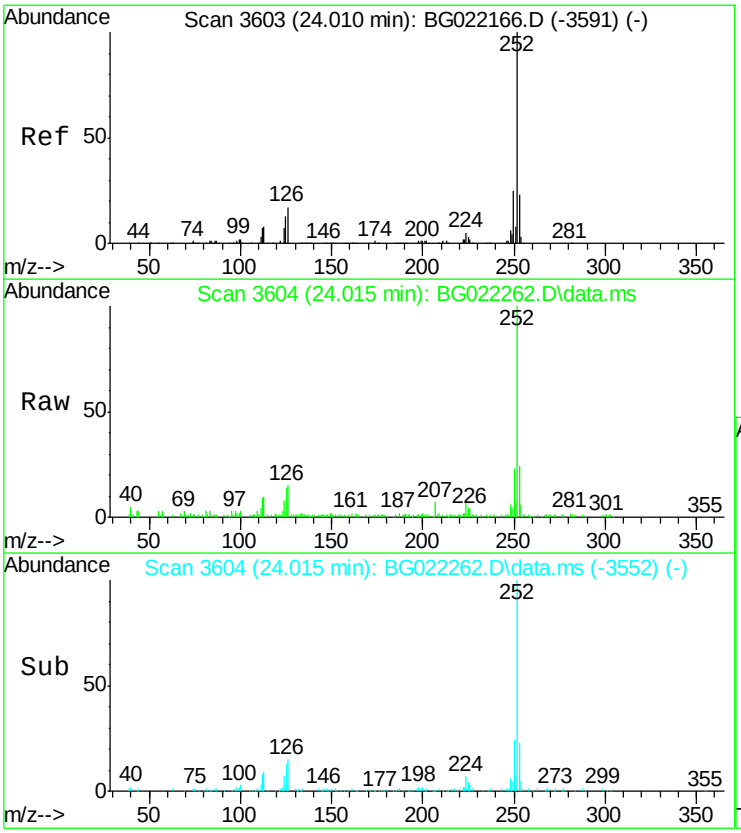
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.055 min Scan# 37
Delta R.T. -0.006 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Instrument :
BNA_G
ClientSampleId :
SS-43

Tgt Ion:264 Resp: 210426

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.2	30.4
265	21.2	17.8	26.8

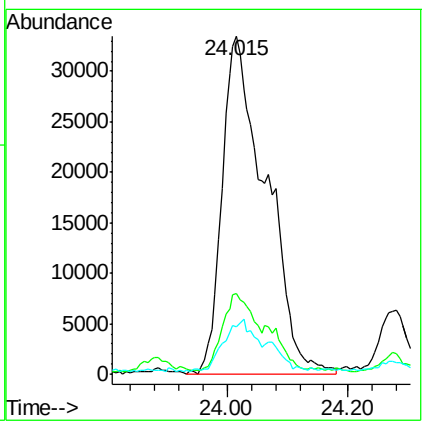


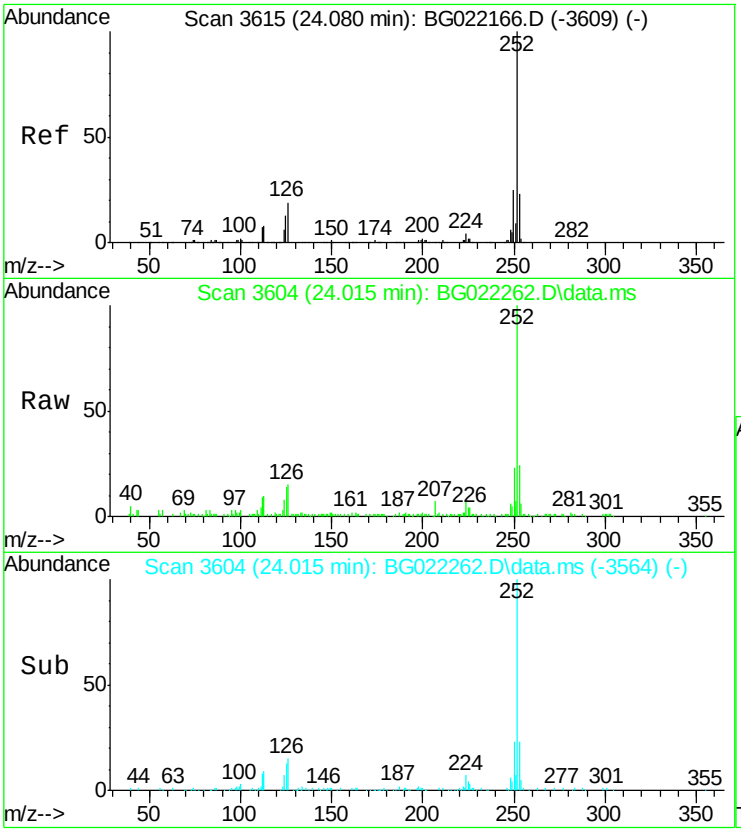


#87
Benzo(b)fluoranthene
Concen: 13.69 ng
RT: 24.015 min Scan# 3604
Delta R.T. 0.005 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Tgt Ion:252 Resp: 167973

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	14.0	8.6	13.0#



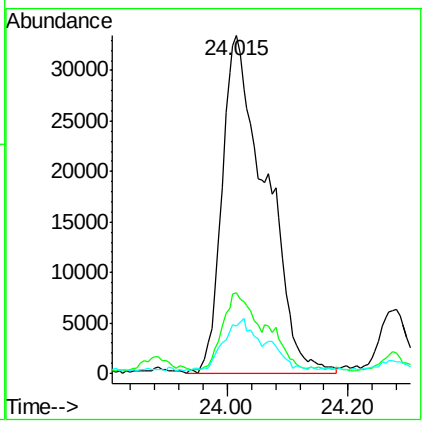


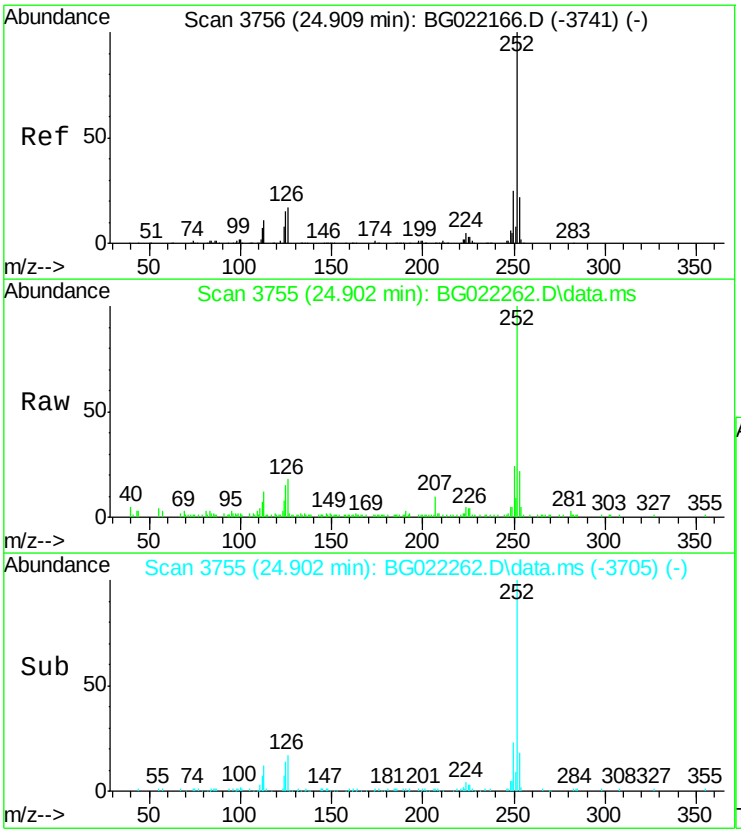
#88
Benzo(k)fluoranthene
Concen: 13.90 ng
RT: 24.015 min Scan# 36
Delta R.T. -0.065 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Instrument :
BNA_G
ClientSampleId :
SS-43

Tgt Ion:252 Resp: 167973

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	14.0	8.3	12.5#





#89
Benzo(a)pyrene
Concen: 7.43 ng
RT: 24.902 min Scan# 3755
Delta R.T. -0.006 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Tgt Ion:252 Resp: 87240

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	15.1	9.6	14.4#