Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
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 17:27:01 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	45272	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	229517	20.00	ng		0.00
38) Acenaphthene-d10	14.74	164	132526	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	254031	20.00	ng		0.00
75) Chrysene-d12	21.76	240	216619	20.00	ng		0.00
86) Perylene-d12	25.06	264	210426	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	167053	71.34	ng		0.00
7) Phenol-d6	7.28	99	249069	67.65	ng		0.00
23) Nitrobenzene-d5	9.29	82	129396	39.30	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	80203	53.56	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	348225	40.04	ng		0.00
78) Terphenyl-d14	20.08	244	364908	39.99	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.19	163	103782	9.44	ng		97
70) Phenanthrene	17.53	178	157744	11.43	ng		98
71) Anthracene	17.62	178	35995	2.63	ng		99
74) Fluoranthene	19.53	202	239319	15.09	ng		97
77) Pyrene	19.90	202	222464	16.52	ng		99
80) Benzo(a)anthracene	21.74	228	112207	9.24	ng		99
82) Chrysene	21.81	228	90082	7.62	ng		95
85) Indeno(1,2,3-cd)pyrene	28.82	276	54913m	4.14	ng		
87) Benzo(b)fluoranthene	24.02	252	113298m	9.23	ng		
88) Benzo(k)fluoranthene	24.07	252	53769m	4.45	ng		
89) Benzo(a)pyrene	24.90	252	87240	7.43	ng	#	97
91) Benzo(g,h,i)perylene	30.02	276	54427m	4.73	ng		

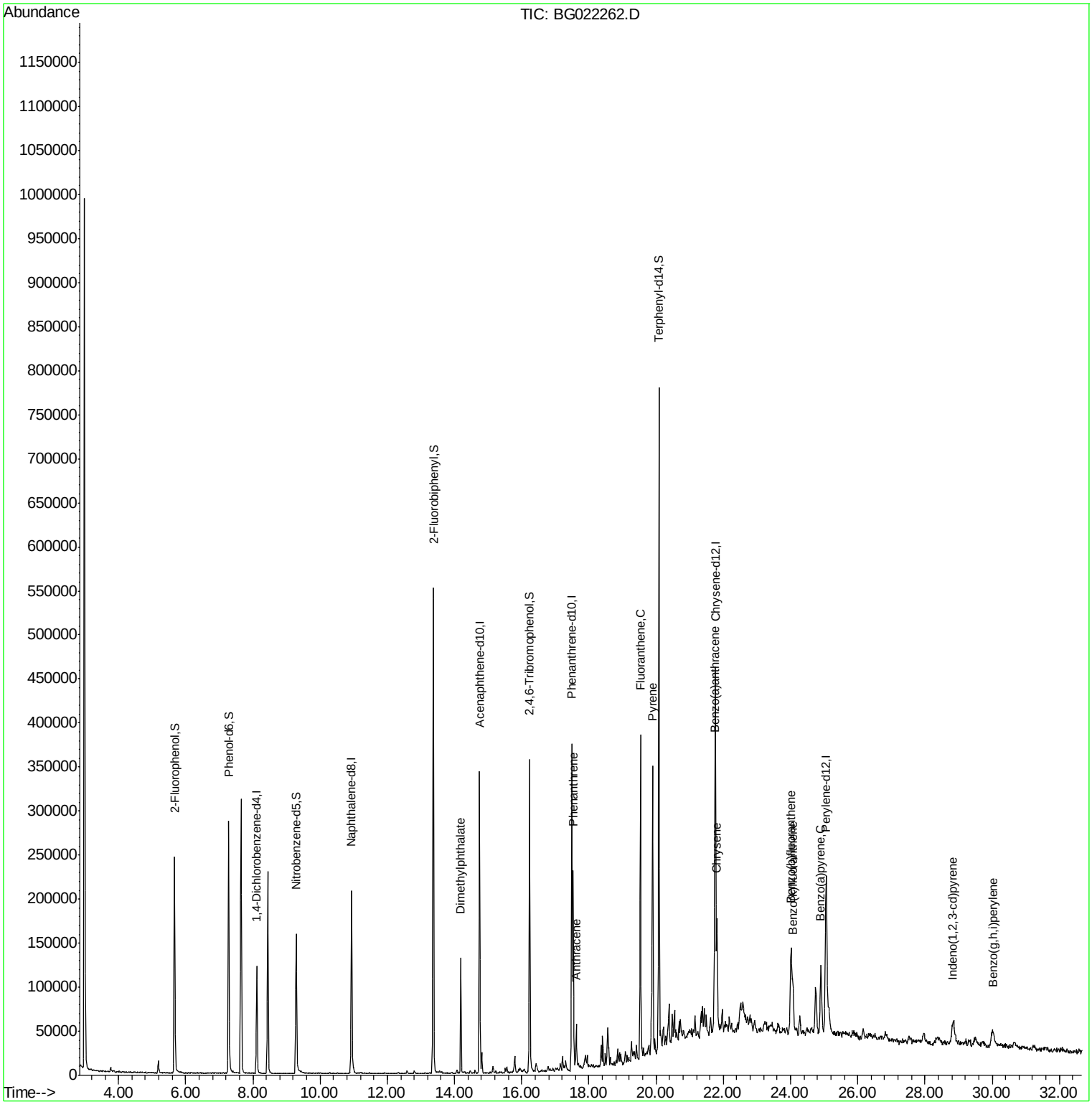
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

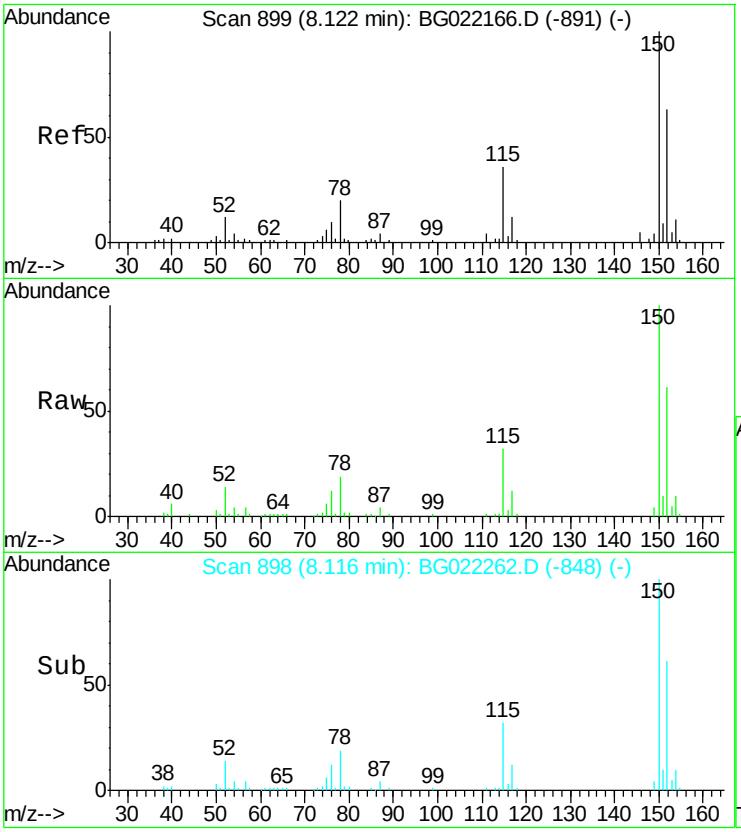
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022262.D
Acq On : 9 Jun 2016 10:35
Operator : UM/SJ
Sample : H3402-09 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-43

Quant Time: Jun 09 17:27:01 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



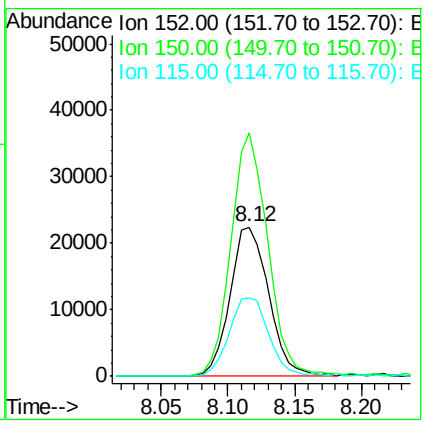
Instrument :
BNA_G
ClientSampleId :
SS-43

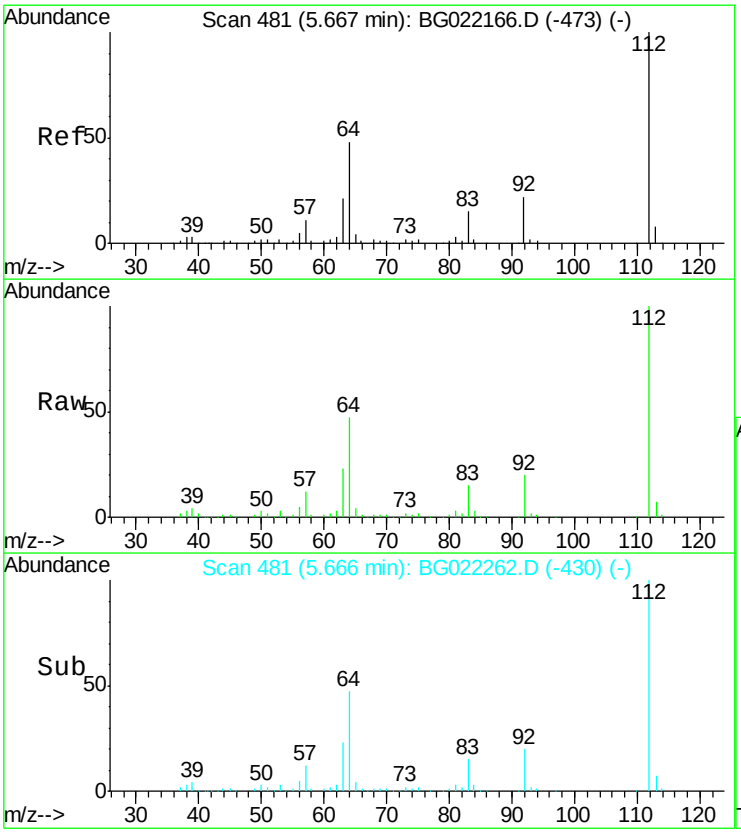


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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#

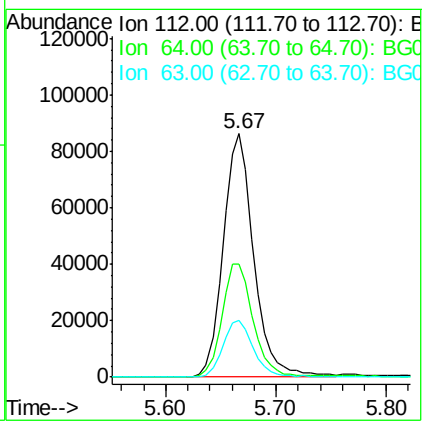


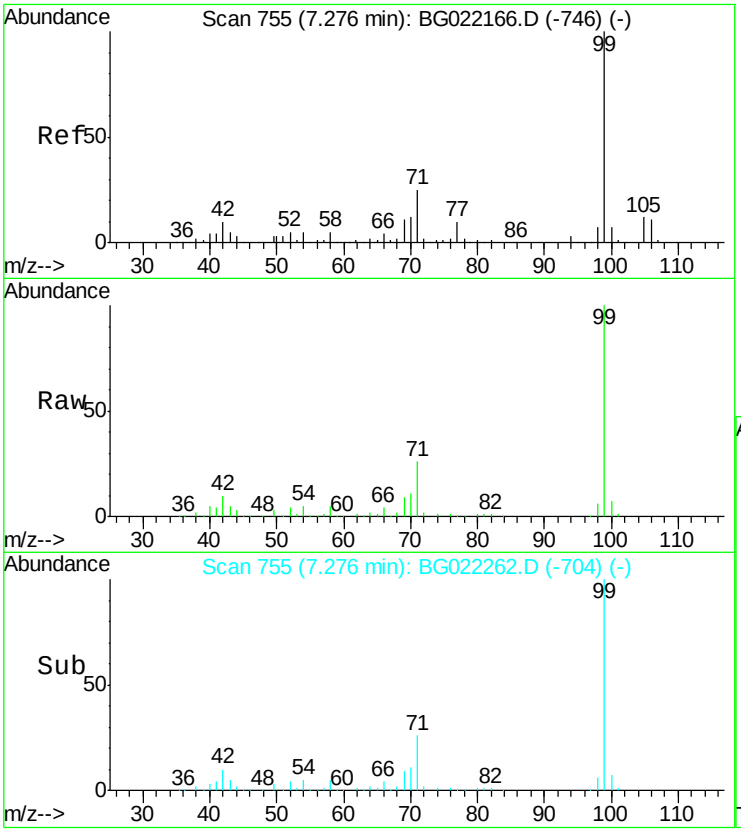


#5
2-Fluorophenol
Concen: 71.34 ng
RT: 5.67 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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#



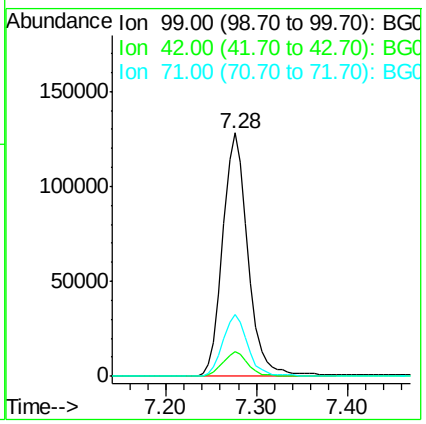


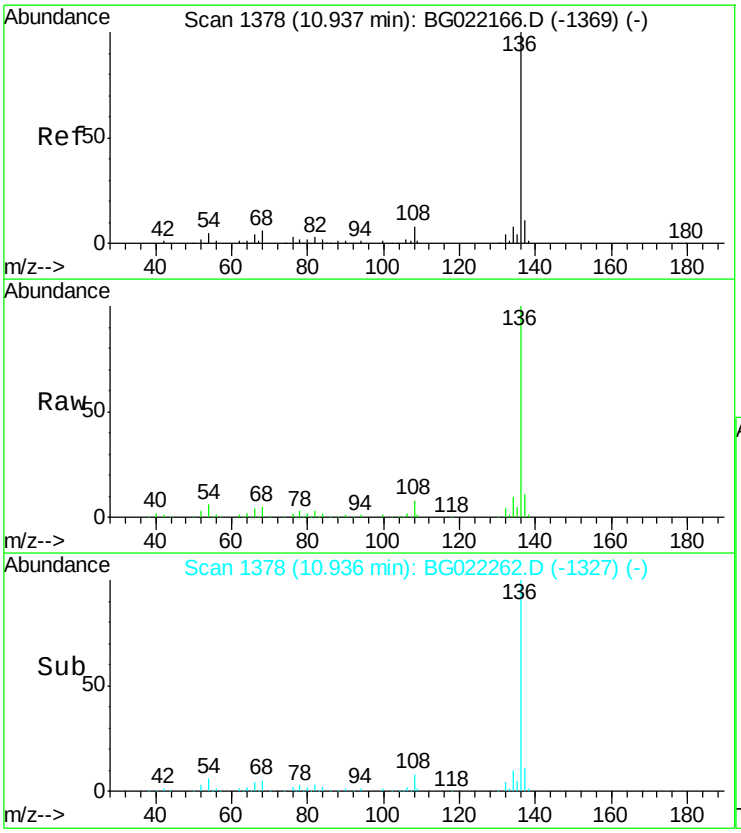
#7
Phenol-d6
Concen: 67.65 ng
RT: 7.28 min Scan# 755
Delta R.T. -0.00 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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

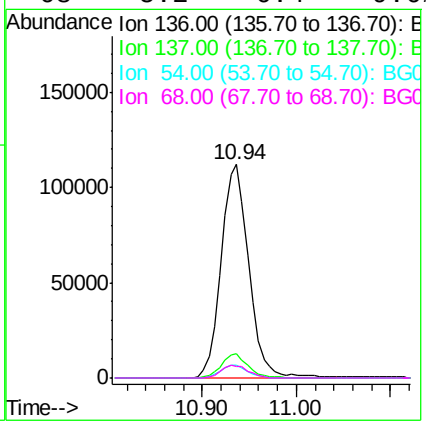


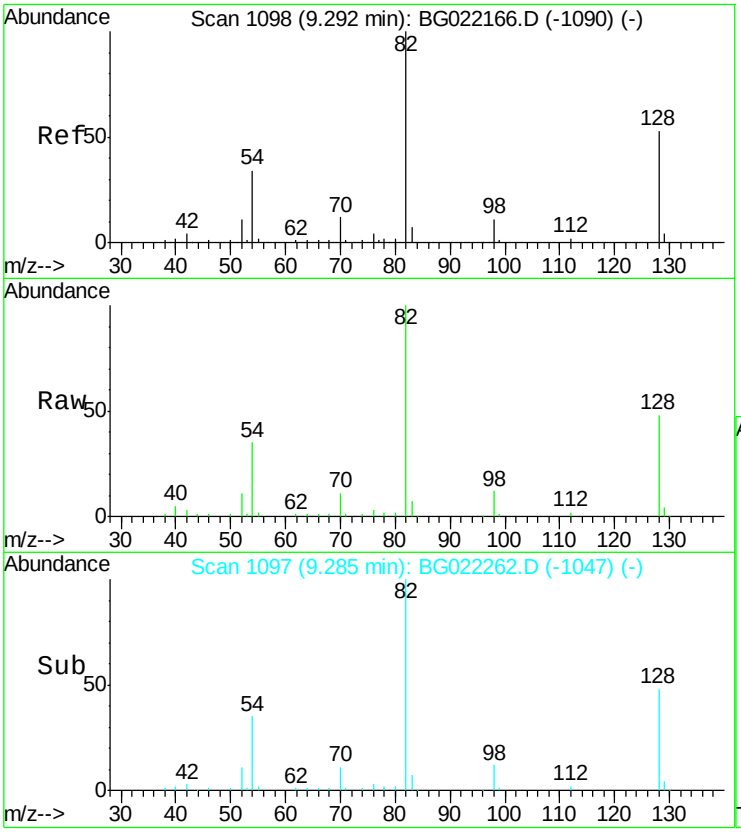


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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#



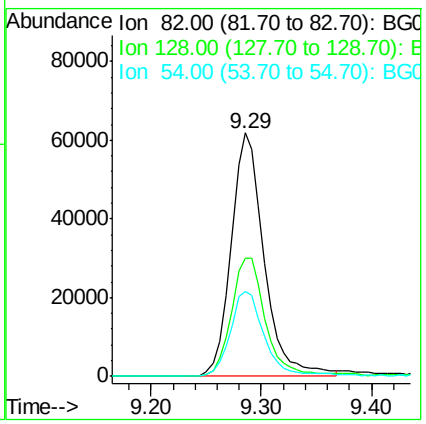


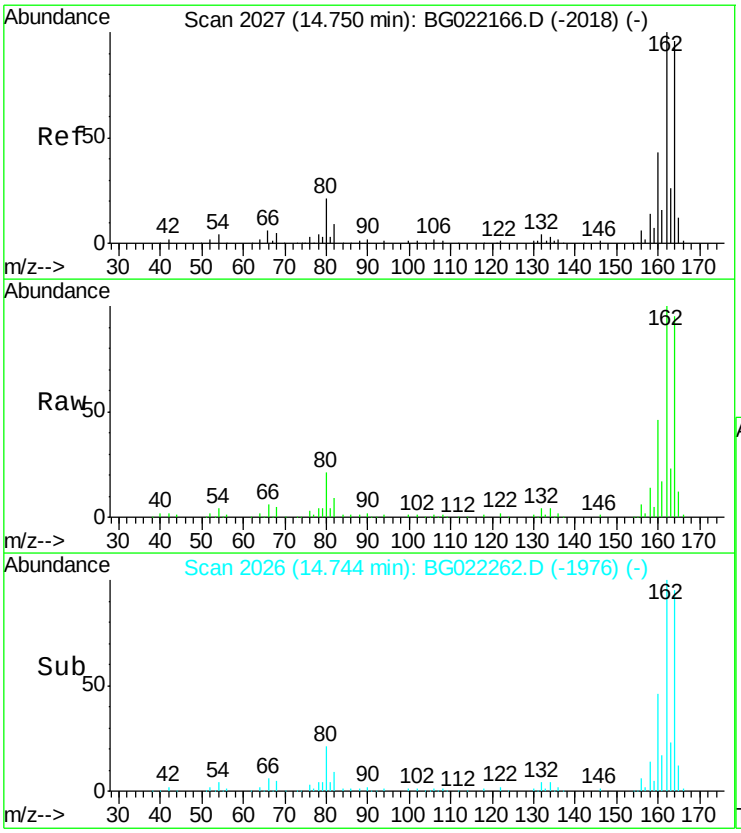
#23
Nitrobenzene-d5
Concen: 39.30 ng
RT: 9.29 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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#

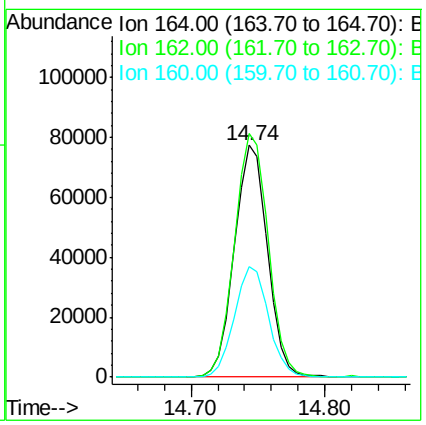


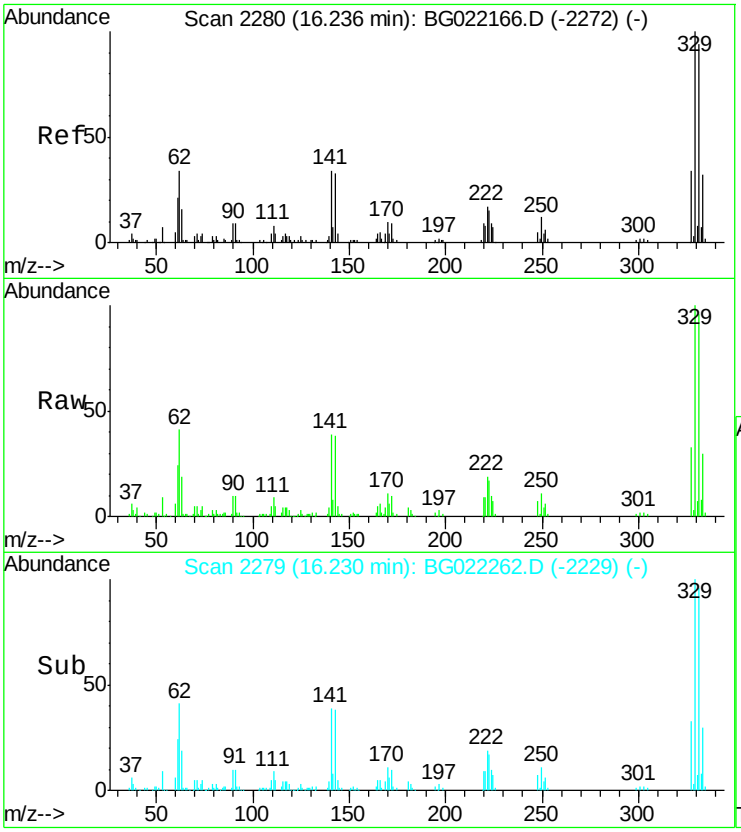


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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



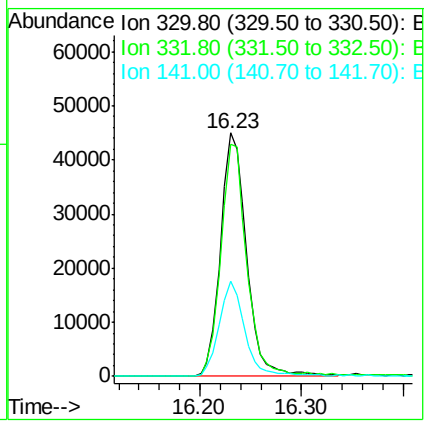


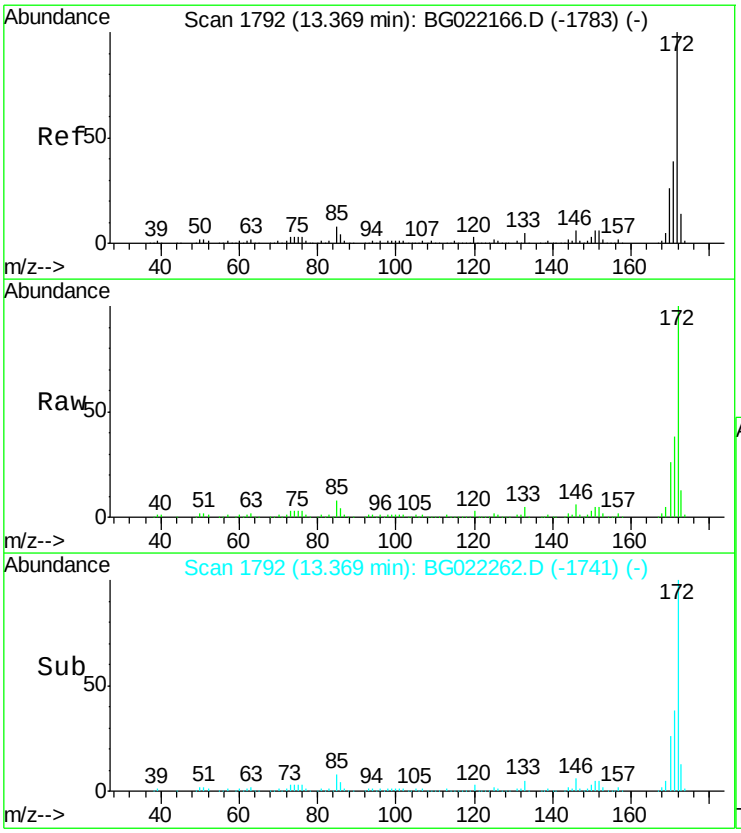
#41
2,4,6-Tribromophenol
Concen: 53.56 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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

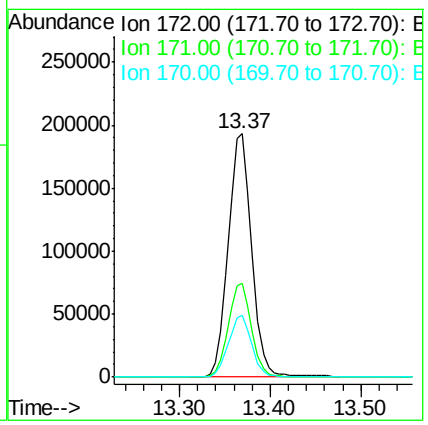


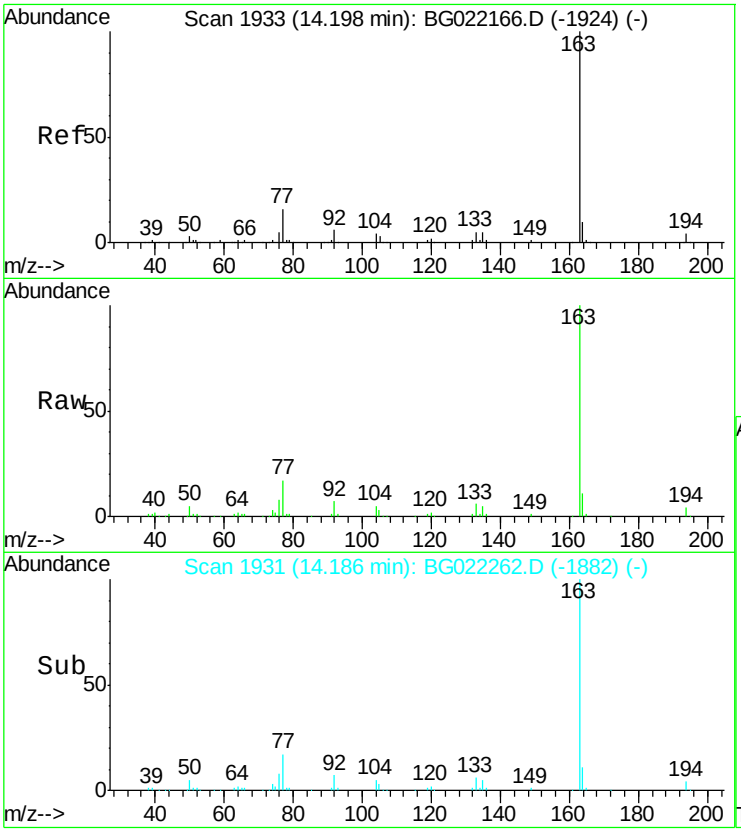


#44
2-Fluorobiphenyl
Concen: 40.04 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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



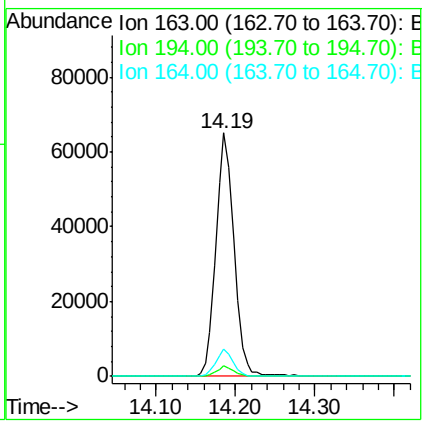


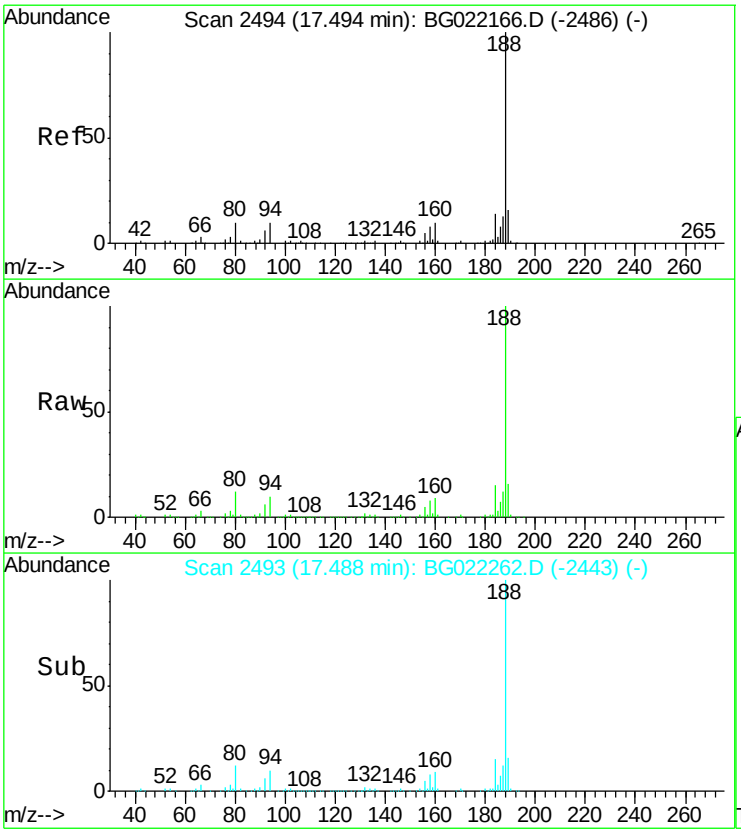
#49
Dimethylphthalate
Concen: 9.44 ng
RT: 14.19 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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

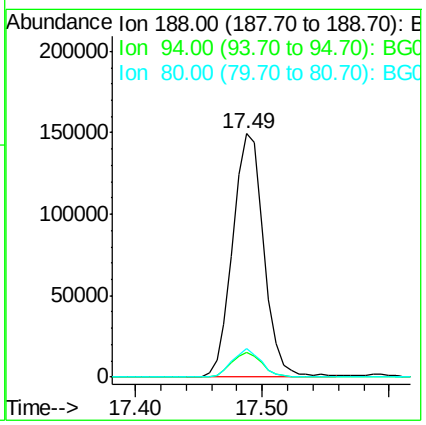


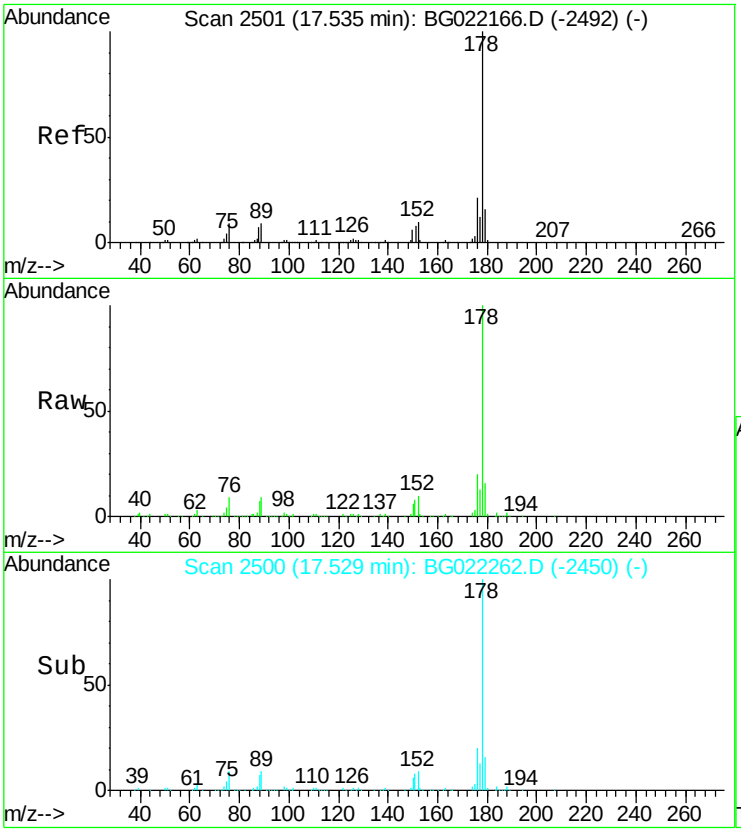


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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



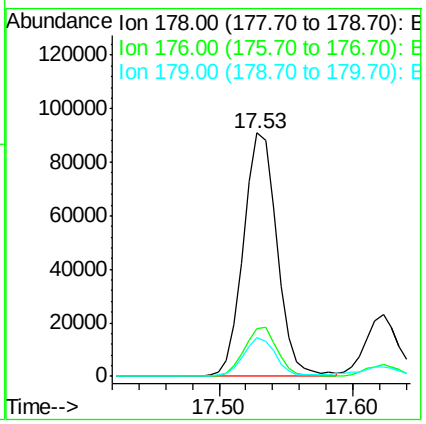


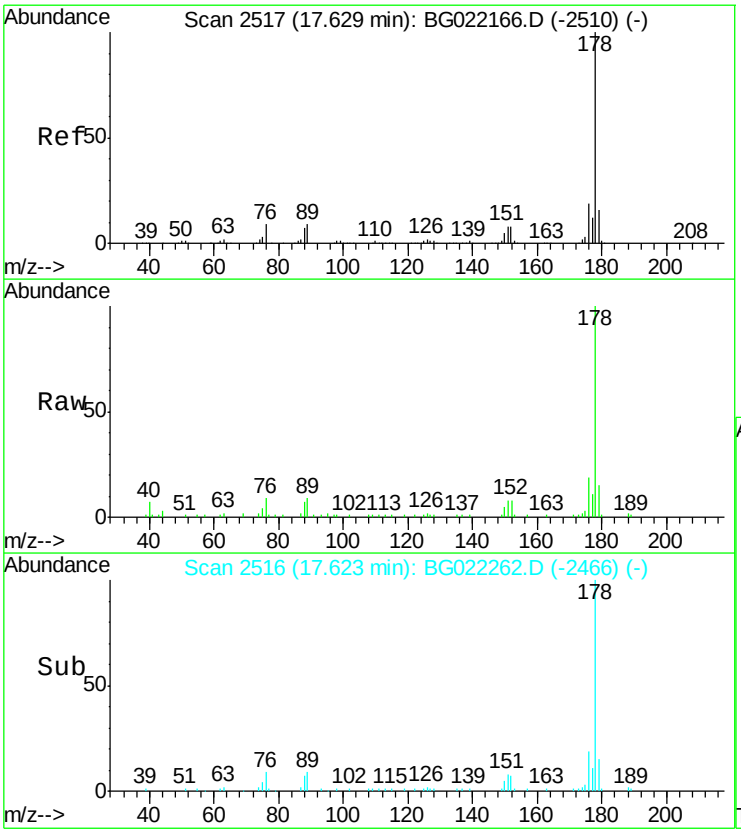
#70
Phenanthrene
Concen: 11.43 ng
RT: 17.53 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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

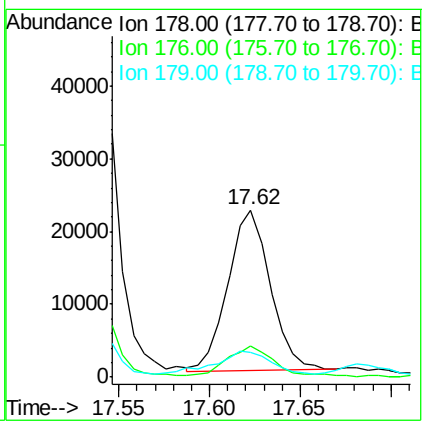


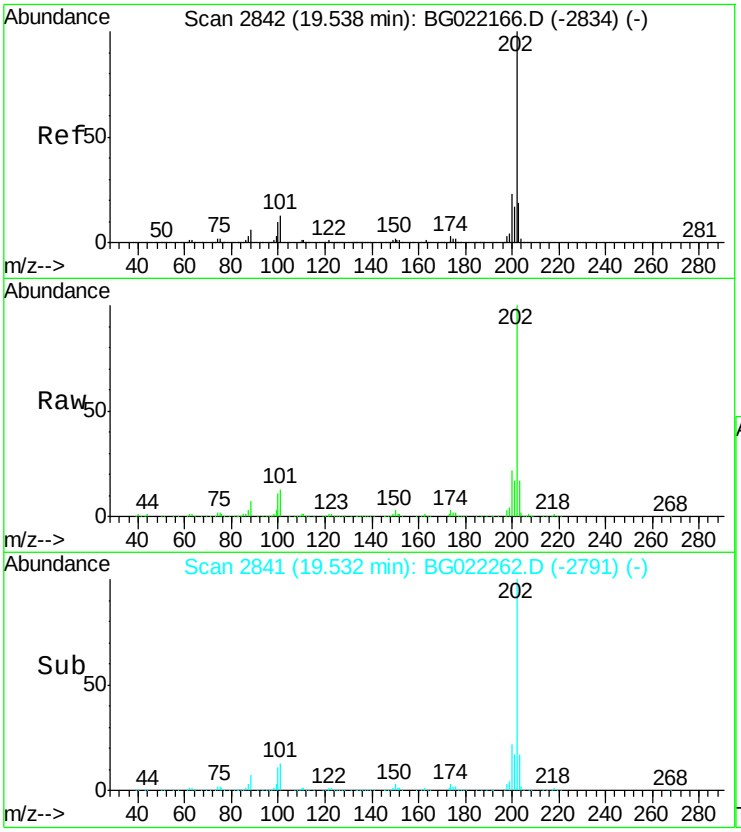


#71
Anthracene
Concen: 2.63 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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



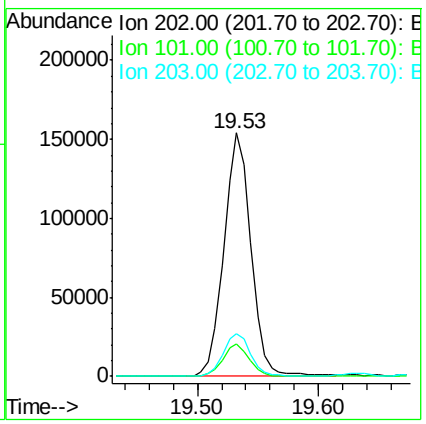


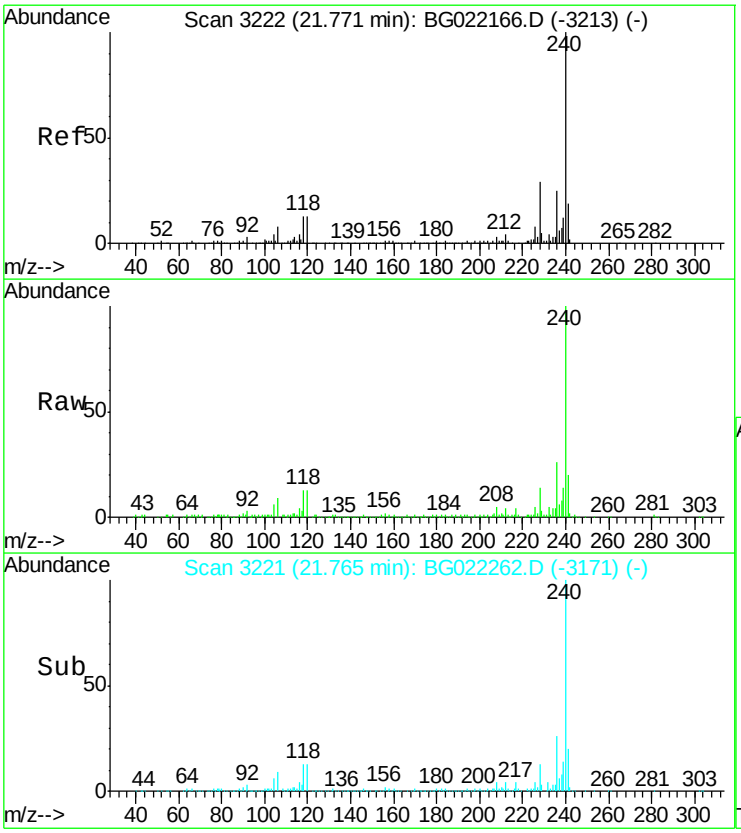
#74
Fluoranthene
Concen: 15.09 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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

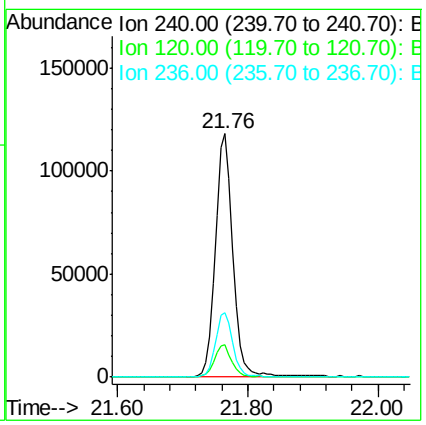


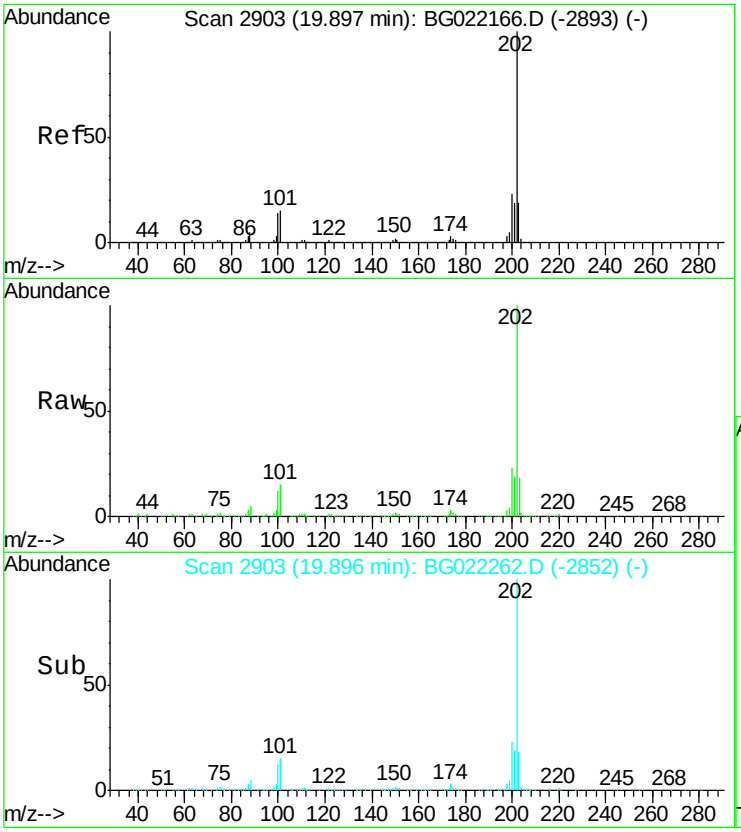


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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



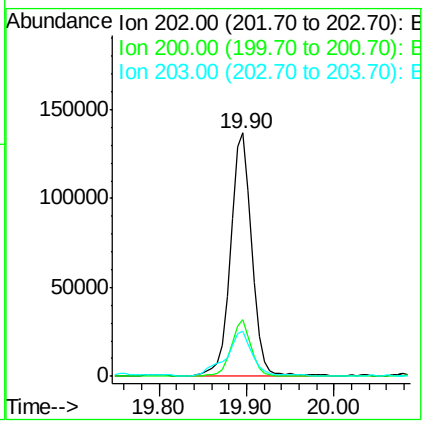


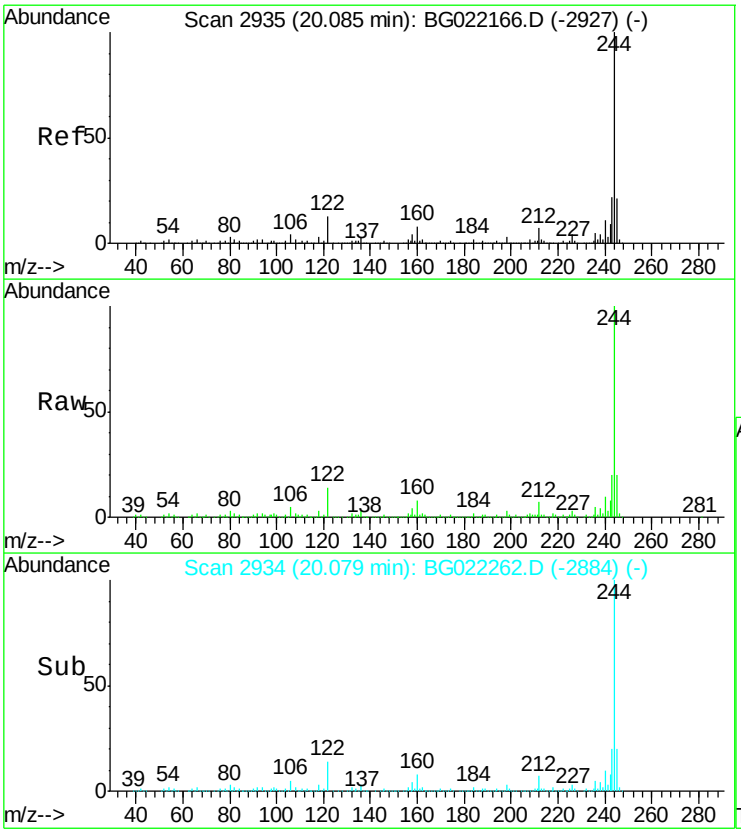
#77
Pyrene
Concen: 16.52 ng
RT: 19.90 min Scan# 2903
Delta R.T. -0.00 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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

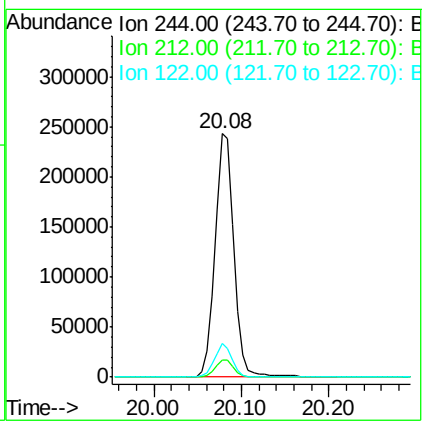


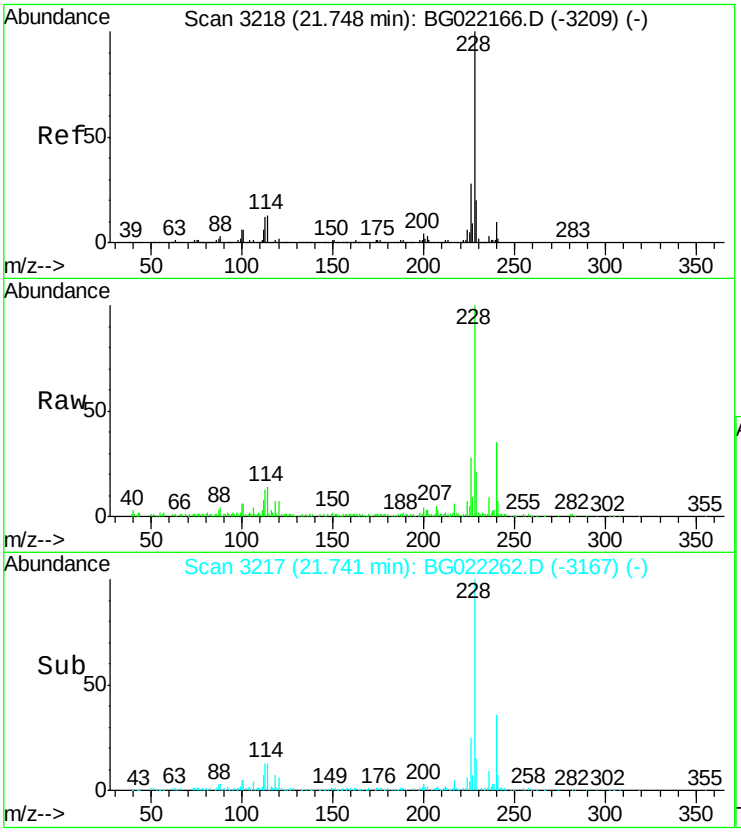


#78
Terphenyl-d14
Concen: 39.99 ng
RT: 20.08 min Scan# 2934
Delta R.T. -0.01 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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#



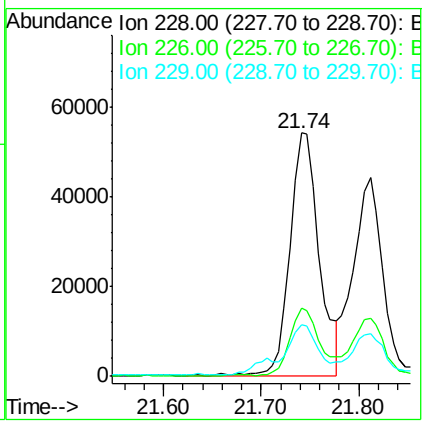


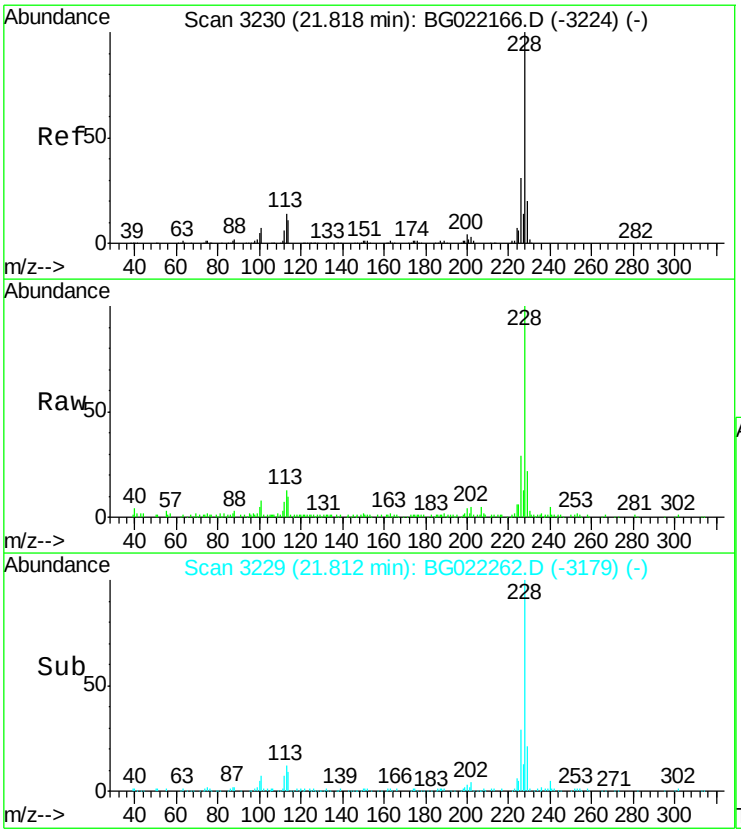
#80
Benzo(a)anthracene
Concen: 9.24 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.01 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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

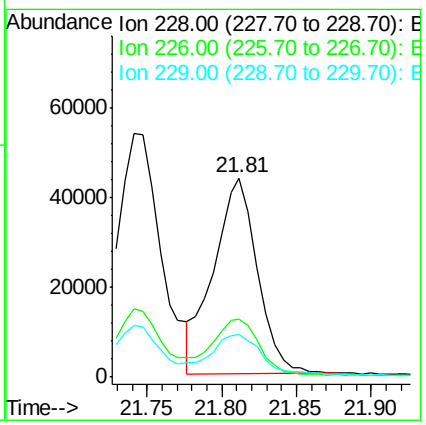


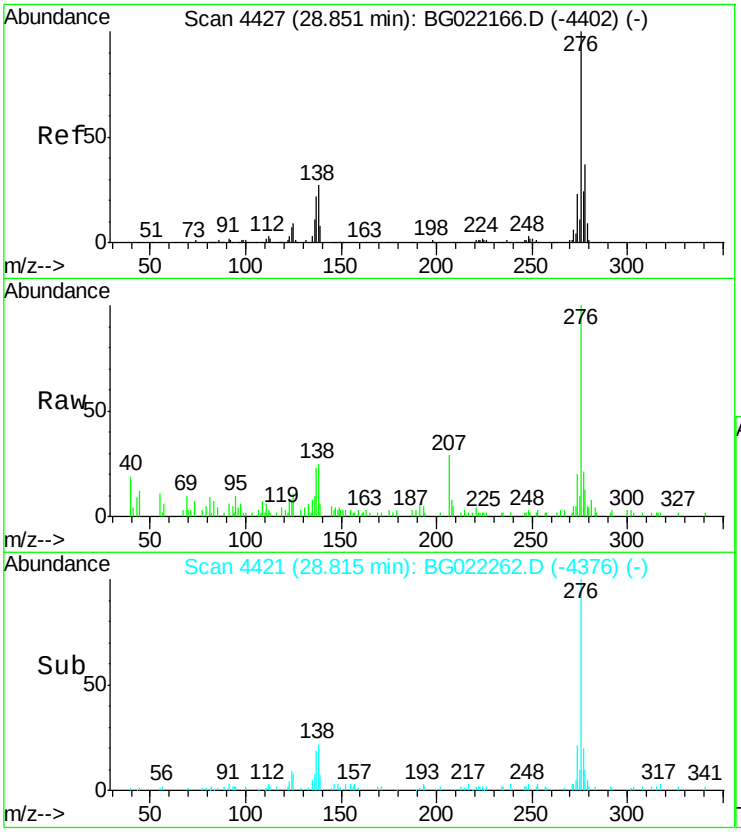


#82
Chrysene
Concen: 7.62 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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



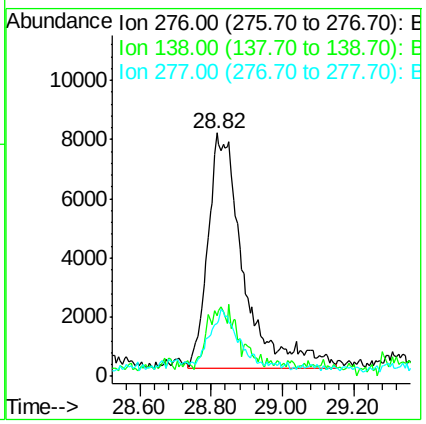


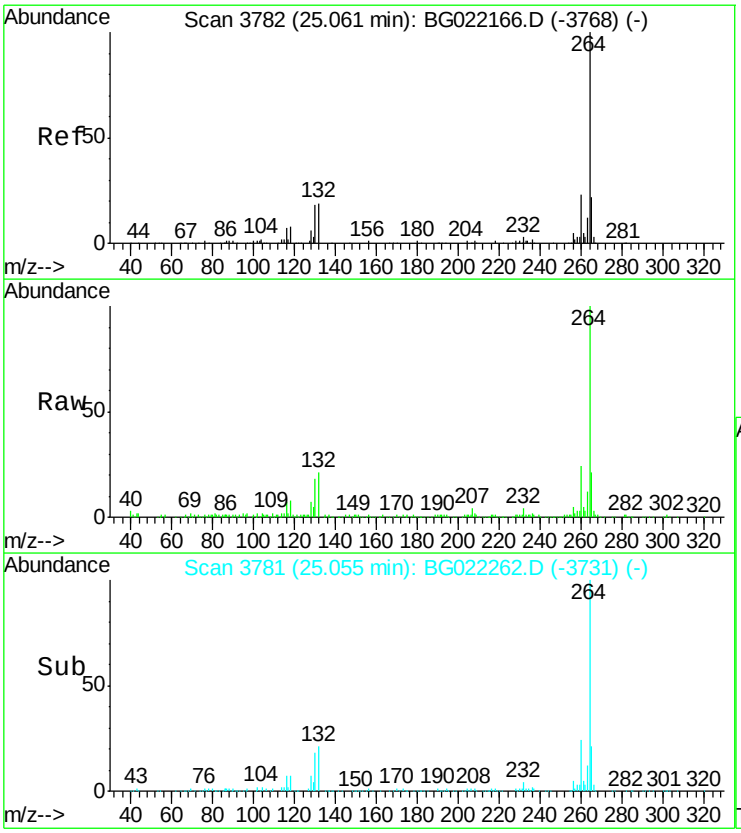
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.14 ng m
RT: 28.82 min Scan# 4421
Delta R.T. -0.04 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Instrument :
BNA_G
ClientSampleId :
SS-43

Tgt Ion:276 Resp: 54913

Ion	Ratio	Lower	Upper
276	100		
138	14.3	14.0	21.0
277	16.1	20.6	30.8#

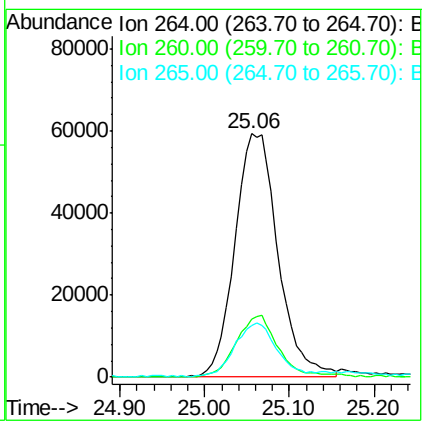


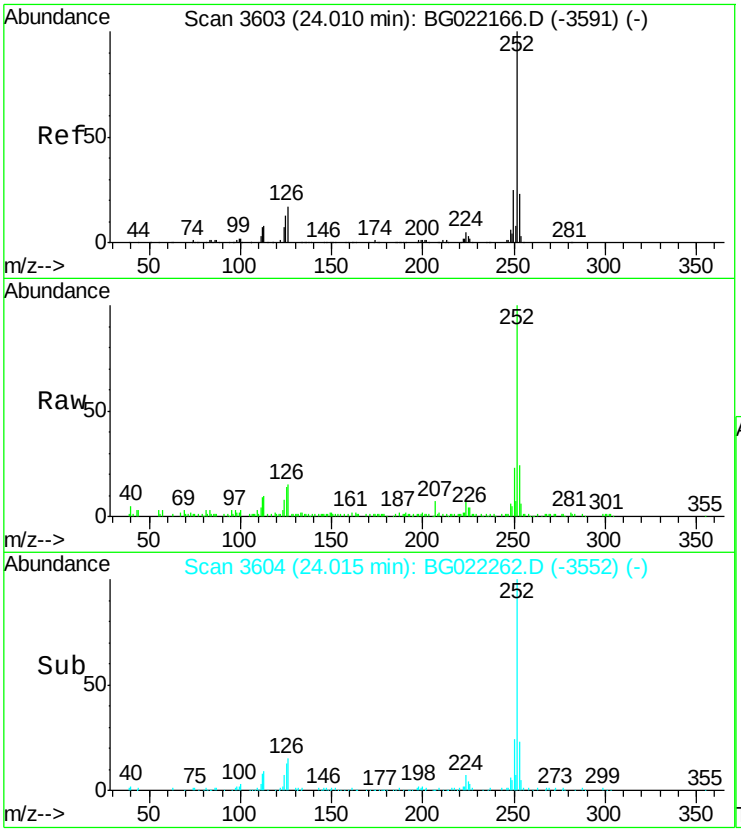


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3781
Delta R.T. -0.01 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

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



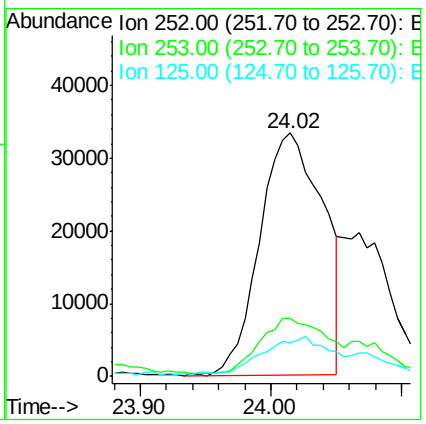


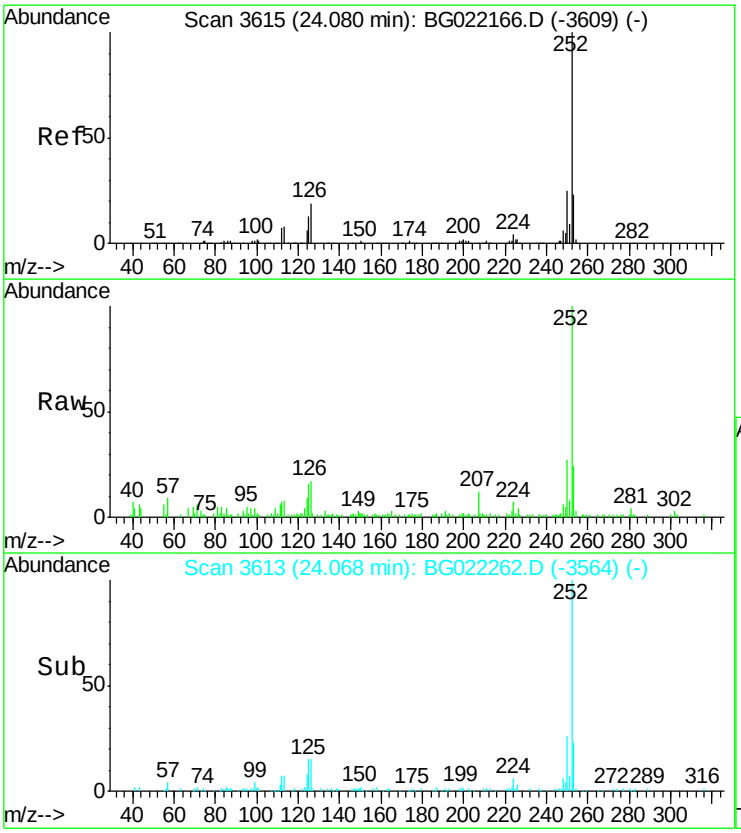
#87
Benzo(b)fluoranthene
Concen: 9.23 ng m
RT: 24.02 min Scan# 3604
Delta R.T. 0.01 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Instrument :
BNA_G
ClientSampleId :
SS-43

Tgt Ion:252 Resp: 113298

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

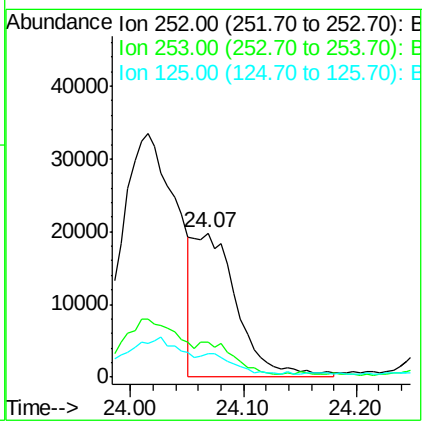


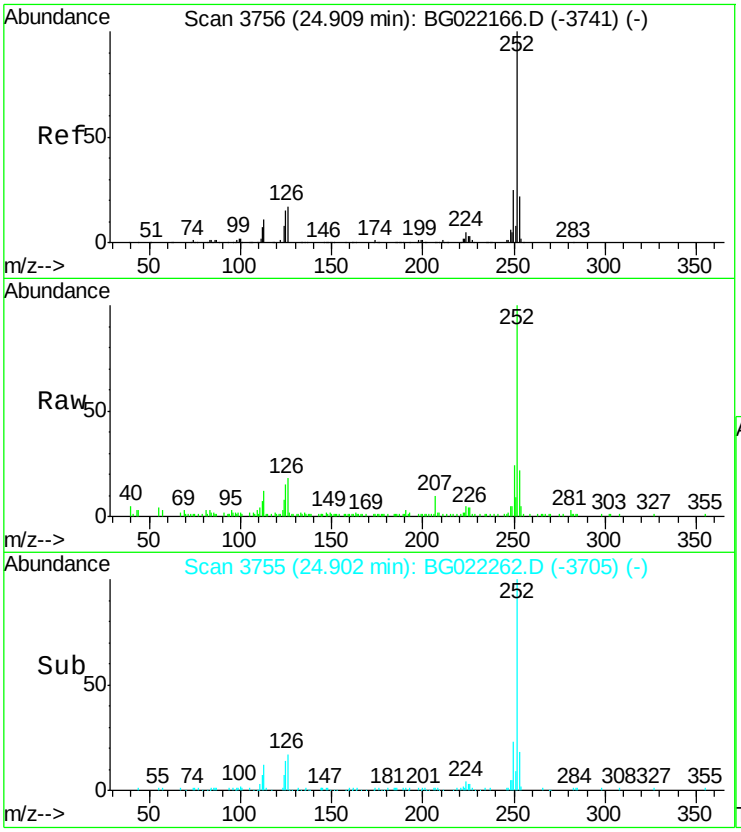


#88
Benzo(k)fluoranthene
Concen: 4.45 ng m
RT: 24.07 min Scan# 3613
Delta R.T. -0.01 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Tgt Ion:252 Resp: 53769

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	16.0	8.3	12.5#



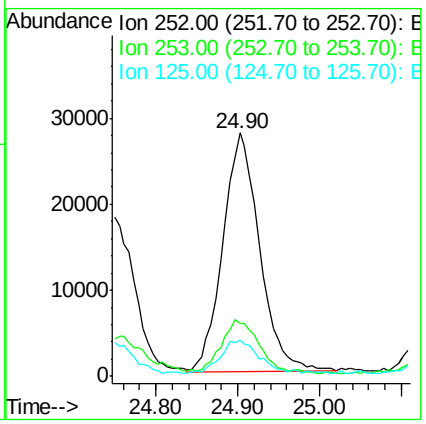


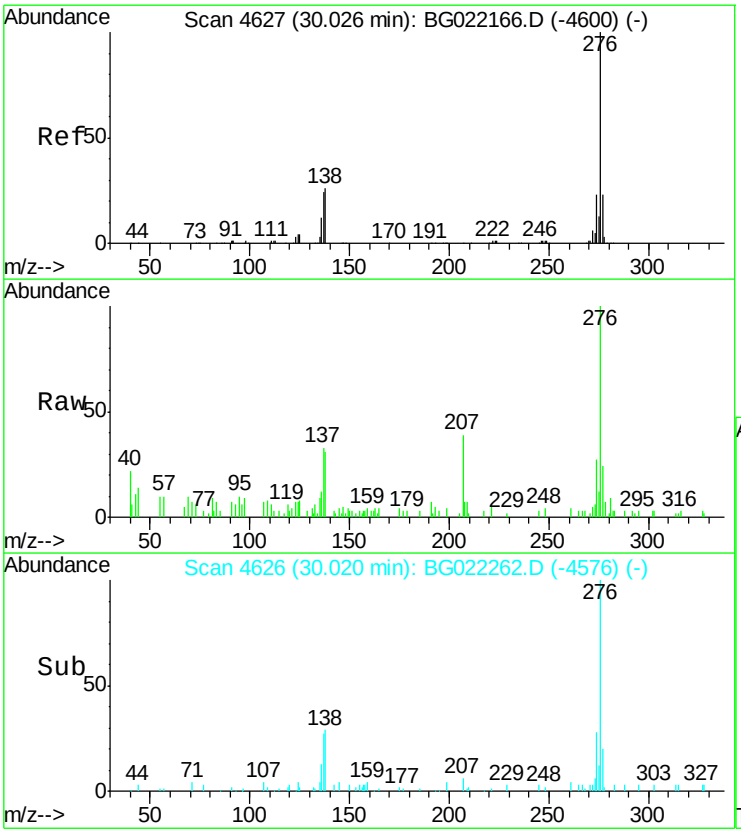
#89
Benzo(a)pyrene
Concen: 7.43 ng
RT: 24.90 min Scan# 3755
Delta R.T. -0.01 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Instrument :
BNA_G
ClientSampleId :
SS-43

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#





#91
Benzo(g,h,i)perylene
Concen: 4.73 ng m
RT: 30.02 min Scan# 4626
Delta R.T. -0.01 min
Lab File: BG022262.D
Acq: 9 Jun 2016 10:35

Tgt Ion:276 Resp: 54427

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.2
138	31.4	17.4	26.0#