Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061616\
Data File : BG022387.D
Acq On : 17 Jun 2016 5:00
Operator : UM/SJ
Sample : H3569-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-03-COMP

Quant Time: Jun 17 07:20:59 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36607	20.00	ng		-0.04
21) Naphthalene-d8	10.88	136	185846	20.00	ng		-0.03
38) Acenaphthene-d10	14.69	164	107786	20.00	ng		-0.03
63) Phenanthrene-d10	17.44	188	209703	20.00	ng		-0.03
75) Chrysene-d12	21.71	240	176964	20.00	ng		-0.03
86) Perylene-d12	24.99	264	165692	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	212940	112.47	ng		-0.02
7) Phenol-d6	7.24	99	314314	105.59	ng		0.00
23) Nitrobenzene-d5	9.23	82	175507	65.84	ng		-0.03
41) 2,4,6-Tribromophenol	16.19	330	90119	73.99	ng		-0.03
44) 2-Fluorobiphenyl	13.31	172	452807	64.02	ng		-0.03
78) Terphenyl-d14	20.04	244	457176	61.33	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	14.14	163	98506	11.02	ng		99
70) Phenanthrene	17.48	178	113600	9.97	ng		99
71) Anthracene	17.48	178	113600	10.06	ng		97
74) Fluoranthene	19.48	202	134684	10.29	ng		96
77) Pyrene	19.85	202	129711	11.79	ng		99
80) Benzo(a)anthracene	21.69	228	58199	5.86	ng		99
82) Chrysene	21.75	228	55755	5.77	ng		98
85) Indeno(1,2,3-cd)pyrene	28.75	276	23541	2.17	ng	#	74
87) Benzo(b)fluoranthene	23.94	252	75267	7.79	ng	#	95
88) Benzo(k)fluoranthene	23.94	252	75267	7.91	ng	#	96
89) Benzo(a)pyrene	24.84	252	35969	3.89	ng		98

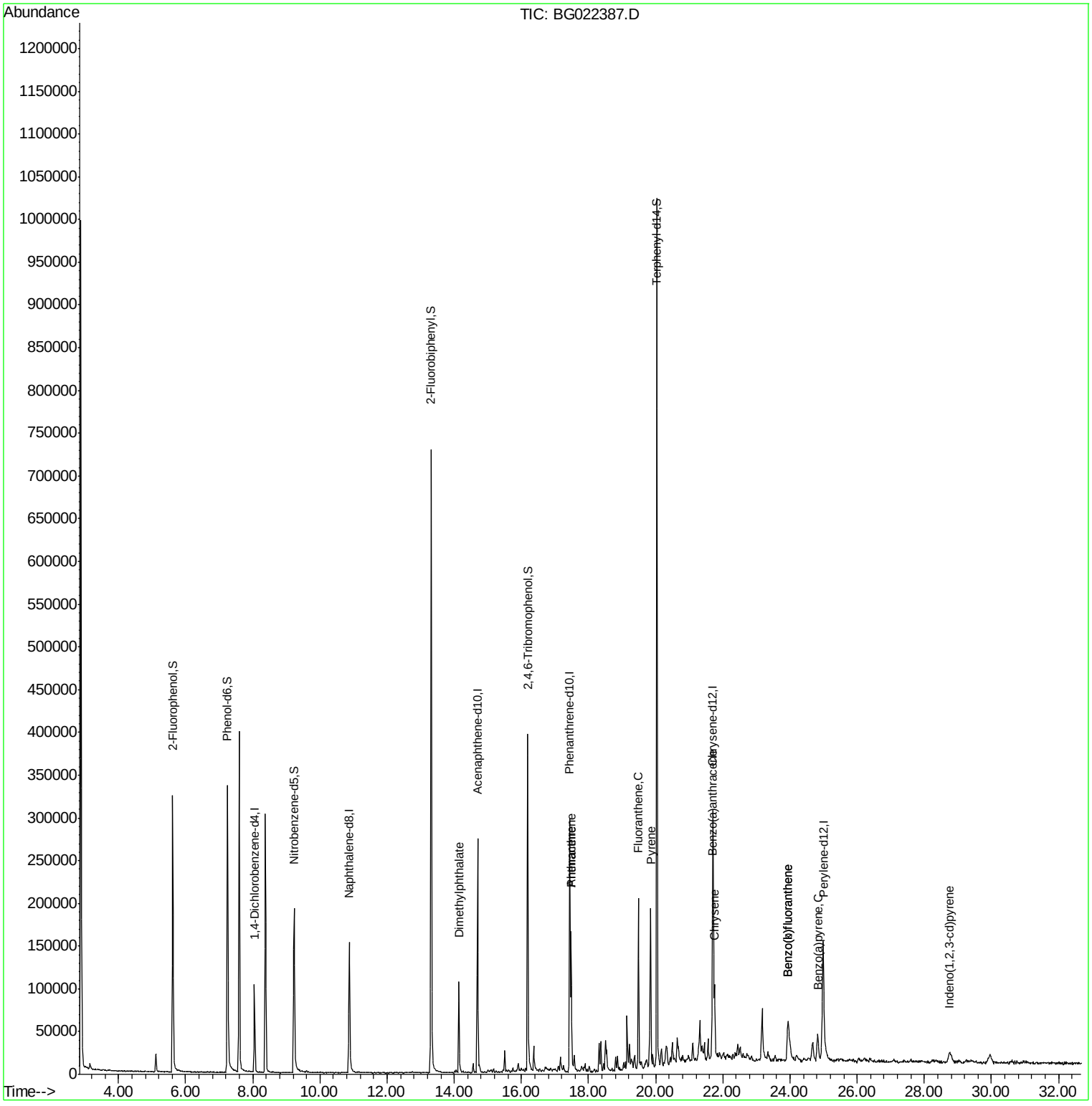
(#) = qualifier out of range (m) = manual integration (+) = signals summed

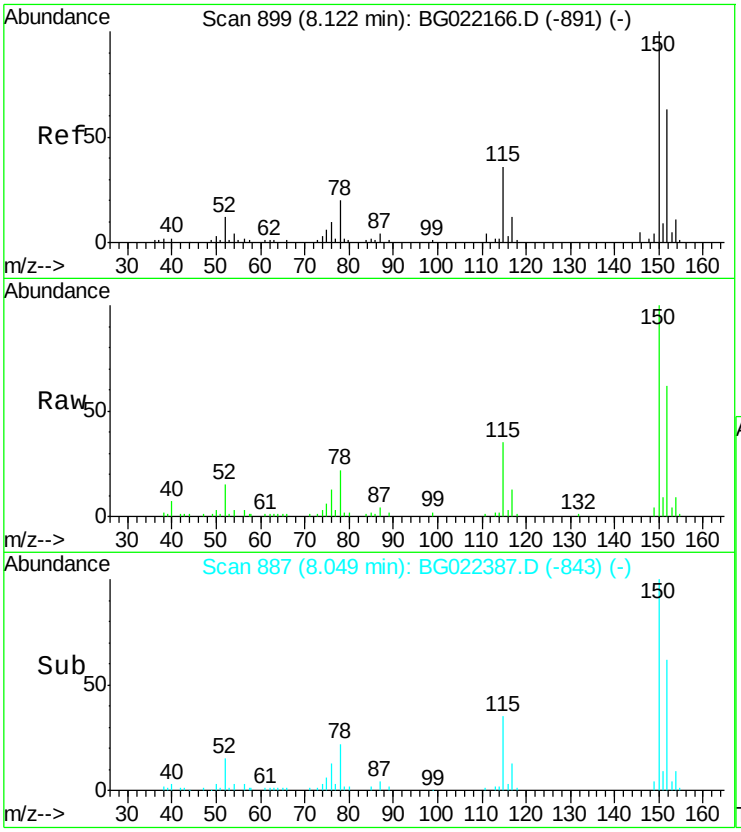
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061616\
Data File : BG022387.D
Acq On : 17 Jun 2016 5:00
Operator : UM/SJ
Sample : H3569-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Quant Time: Jun 17 07:20:59 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration



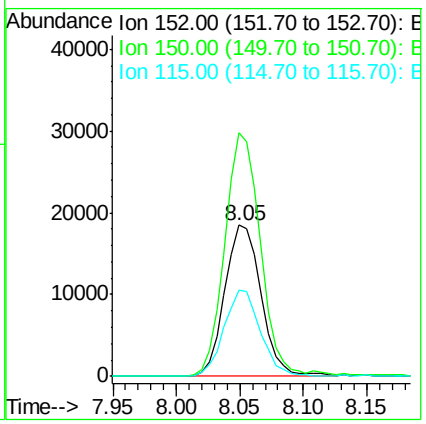


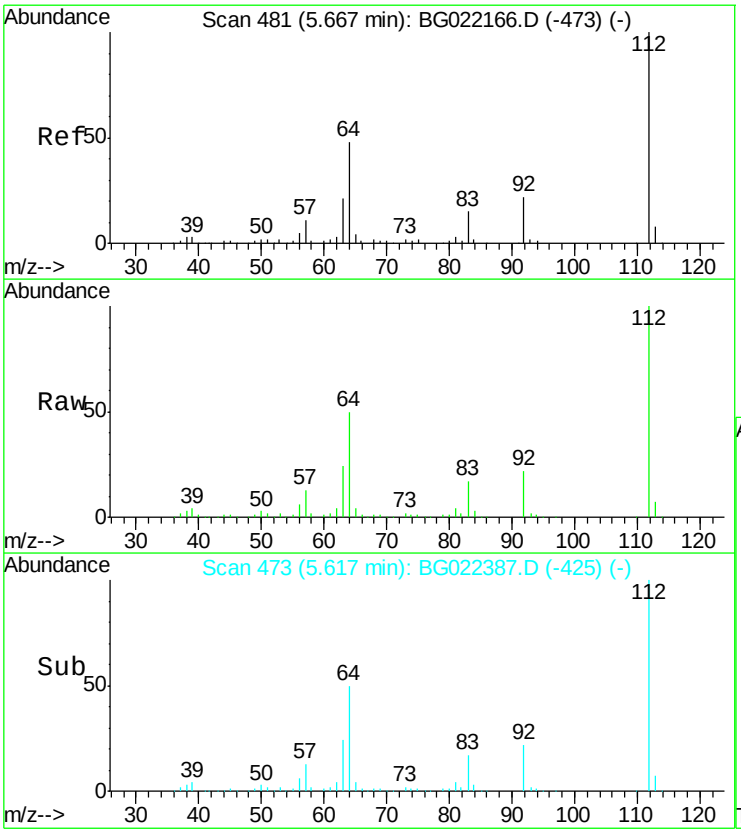
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.04 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tgt Ion:152 Resp: 36607

Ion	Ratio	Lower	Upper
152	100		
150	161.4	130.1	195.1
115	56.7	62.2	93.2#

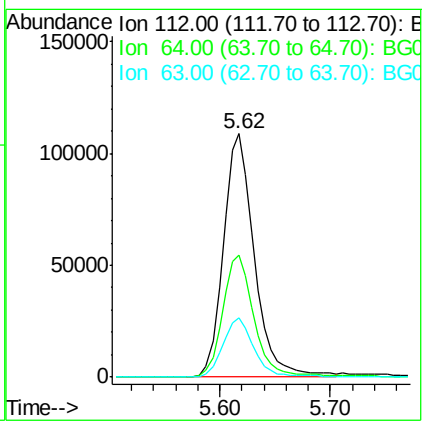


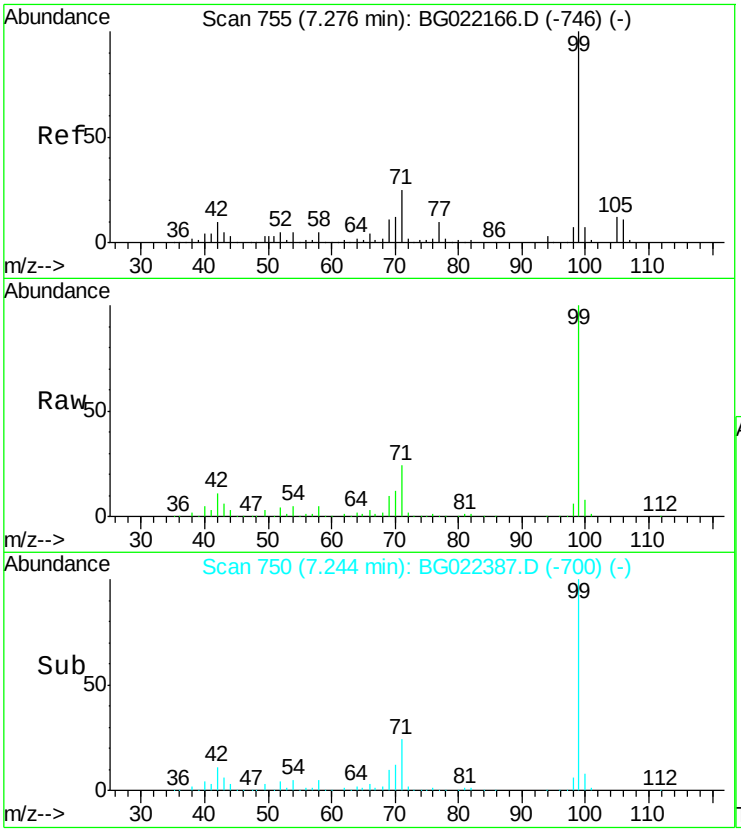


#5
2-Fluorophenol
Concen: 112.47 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.02 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Tgt Ion:112 Resp: 212940

Ion	Ratio	Lower	Upper
112	100		
64	50.3	51.1	76.7#
63	24.2	24.6	37.0#



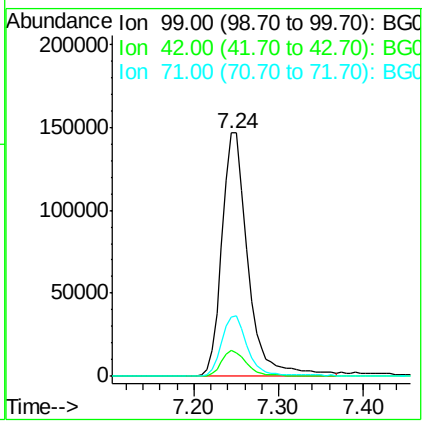


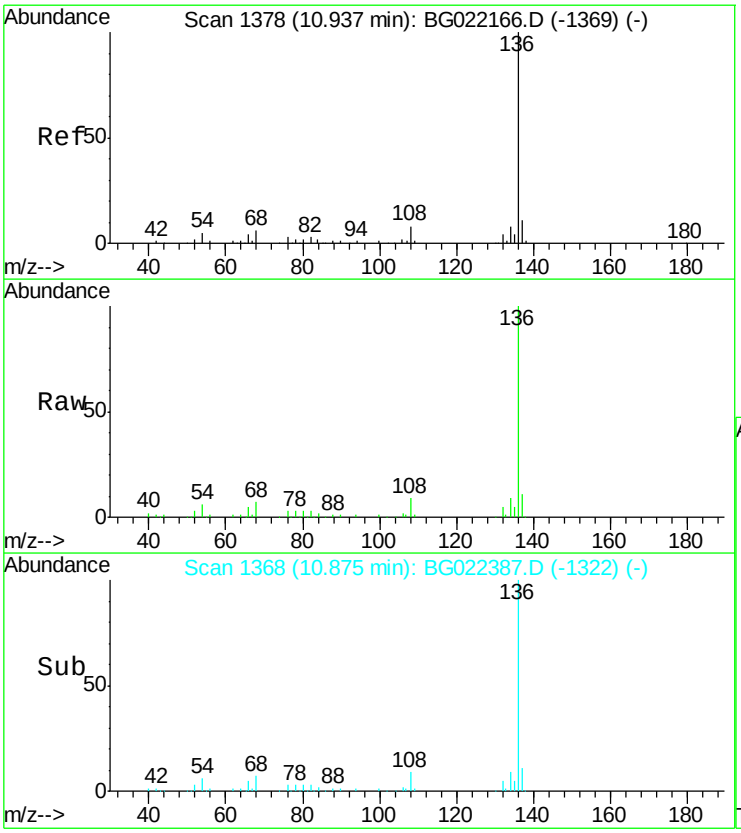
#7
Phenol-d6
Concen: 105.59 ng
RT: 7.24 min Scan# 750
Delta R.T. -0.01 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tgt Ion: 99 Resp: 314314

Ion	Ratio	Lower	Upper
99	100		
42	10.5	16.4	24.6#
71	24.2	25.0	37.4#

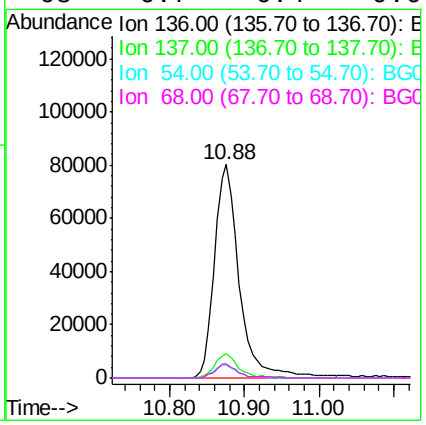


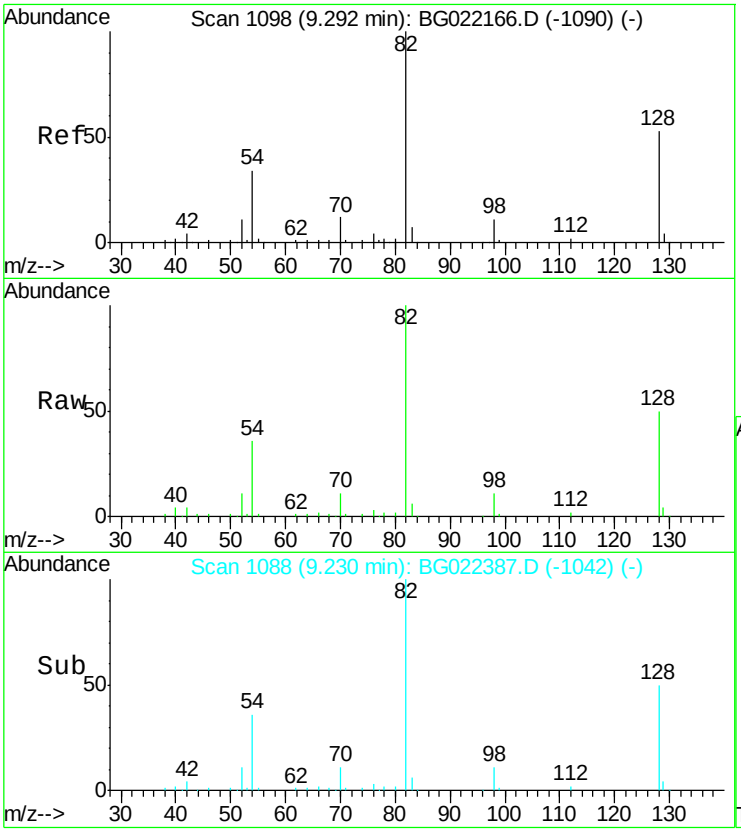


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Tgt Ion:136 Resp: 185846

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.2	9.6	14.4#
68	6.7	6.4	9.6



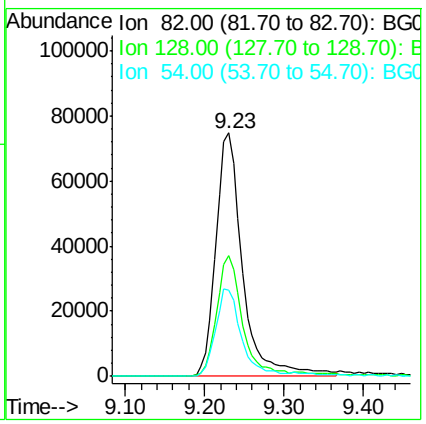


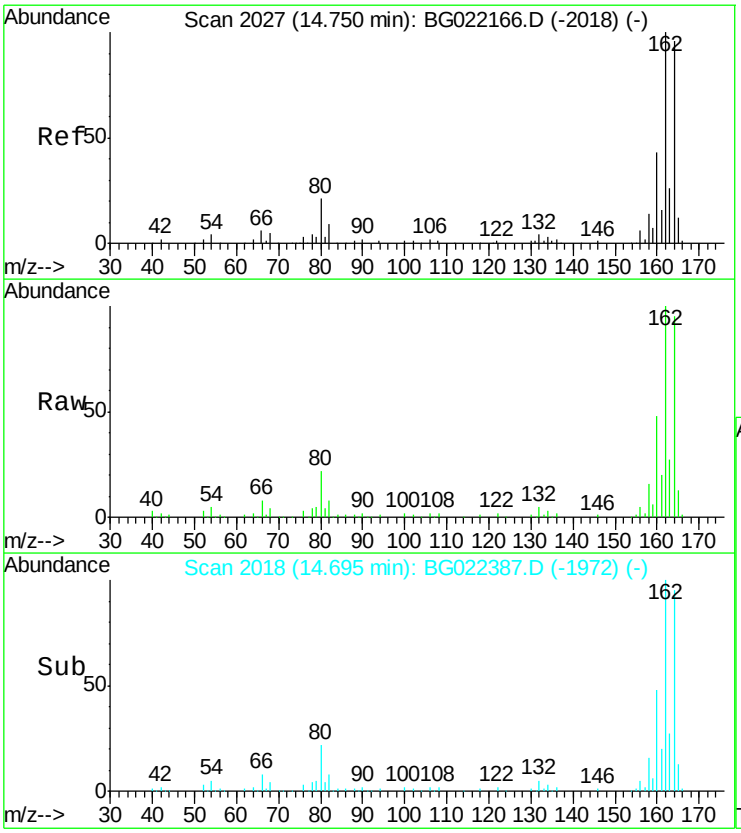
#23
Nitrobenzene-d5
Concen: 65.84 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.03 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tgt Ion: 82 Resp: 175507

Ion	Ratio	Lower	Upper
82	100		
128	49.9	33.4	50.0
54	35.6	46.1	69.1#

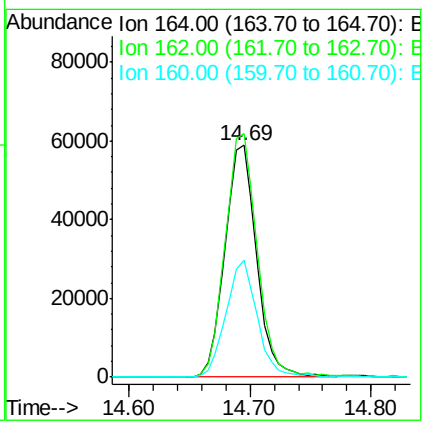


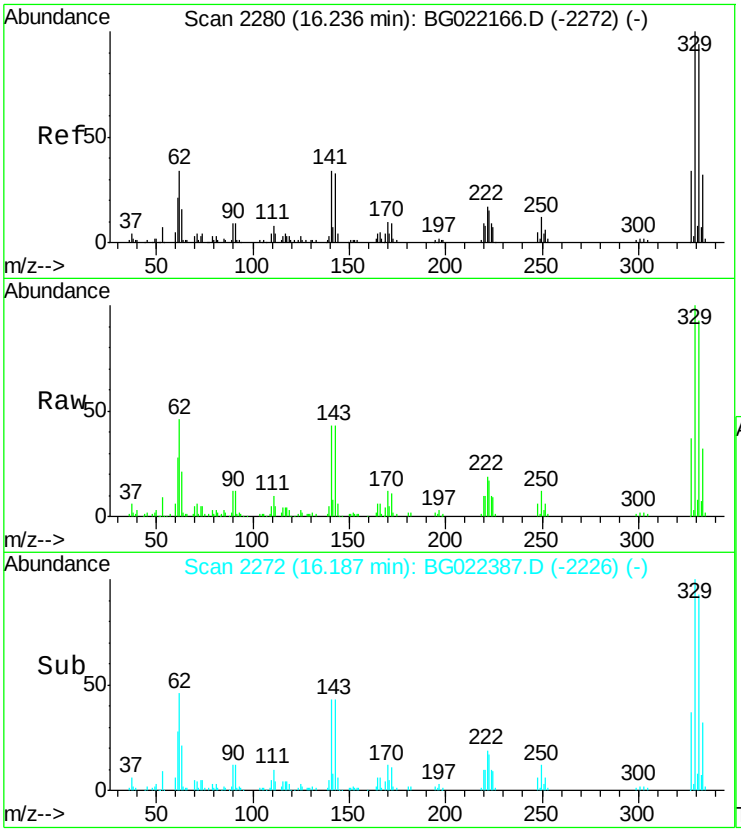


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 2018
Delta R.T. -0.03 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Tgt Ion:164 Resp: 107786

Ion	Ratio	Lower	Upper
164	100		
162	105.0	78.0	117.0
160	50.6	32.9	49.3#



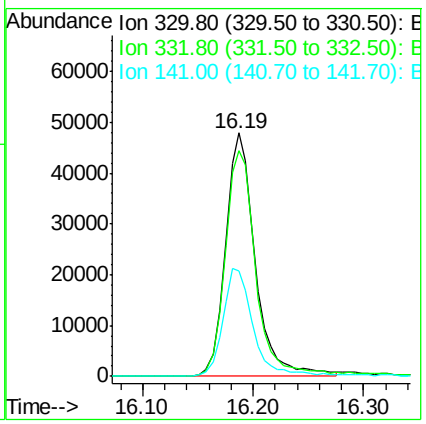


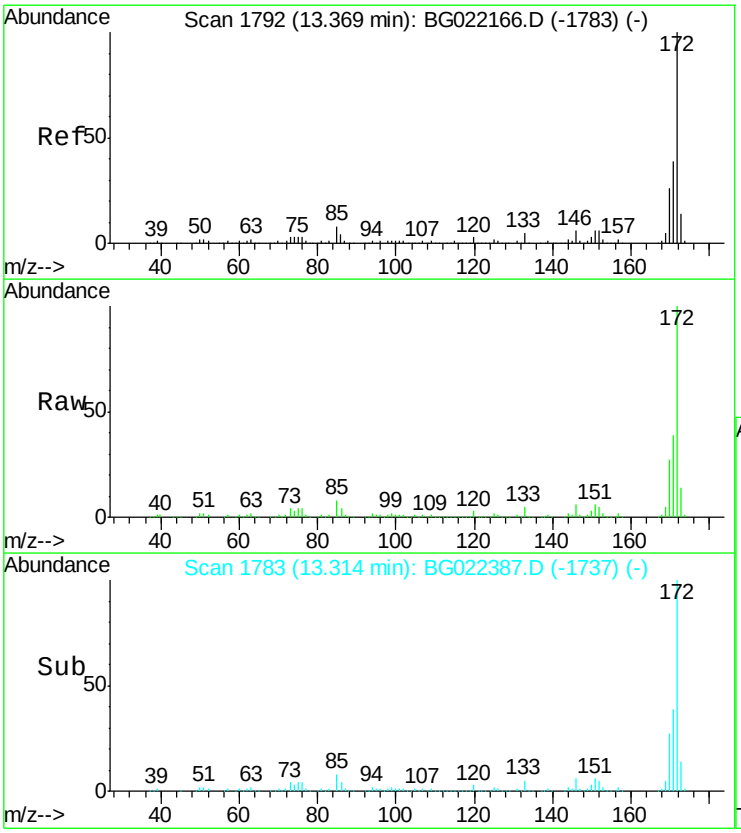
#41
2,4,6-Tribromophenol
Concen: 73.99 ng
RT: 16.19 min Scan# 2272
Delta R.T. -0.03 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tgt Ion:330 Resp: 90119

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.0	117.0
141	45.5	33.8	50.8

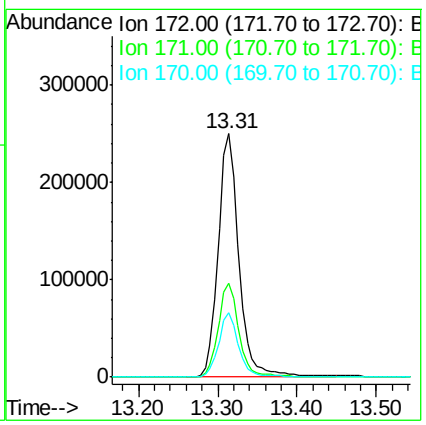


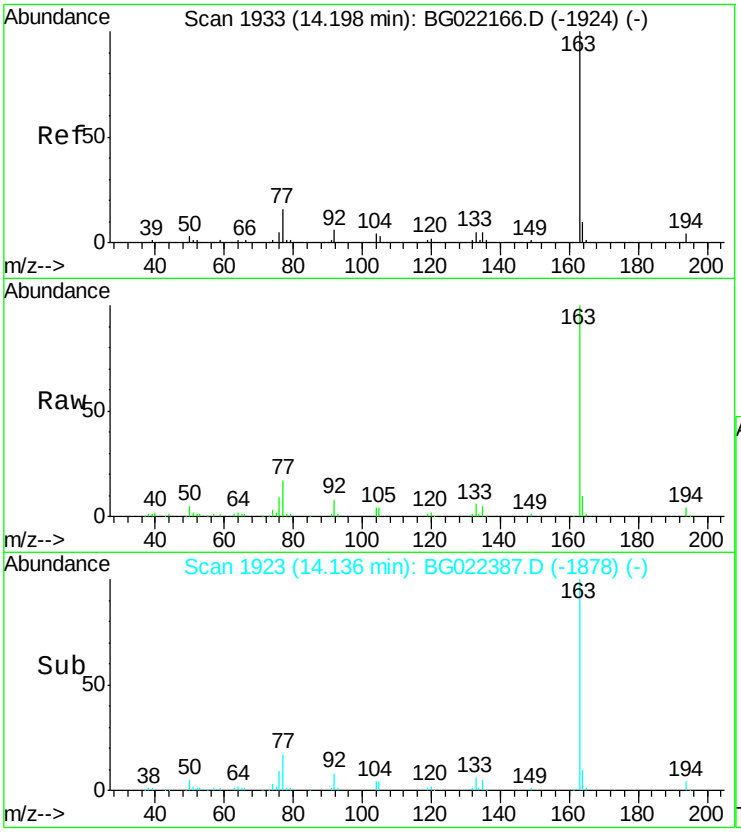


#44
2-Fluorobiphenyl
Concen: 64.02 ng
RT: 13.31 min Scan# 1783
Delta R.T. -0.03 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Tgt Ion:172 Resp: 452807

Ion	Ratio	Lower	Upper
172	100		
171	38.6	27.8	41.6
170	26.7	19.6	29.4



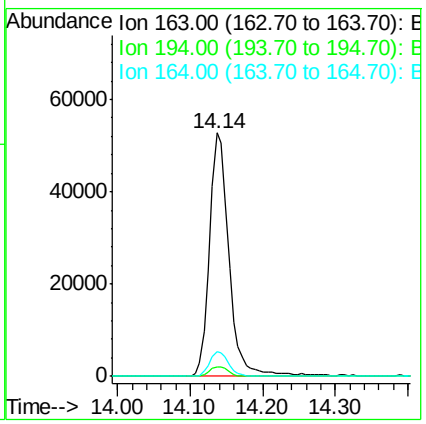


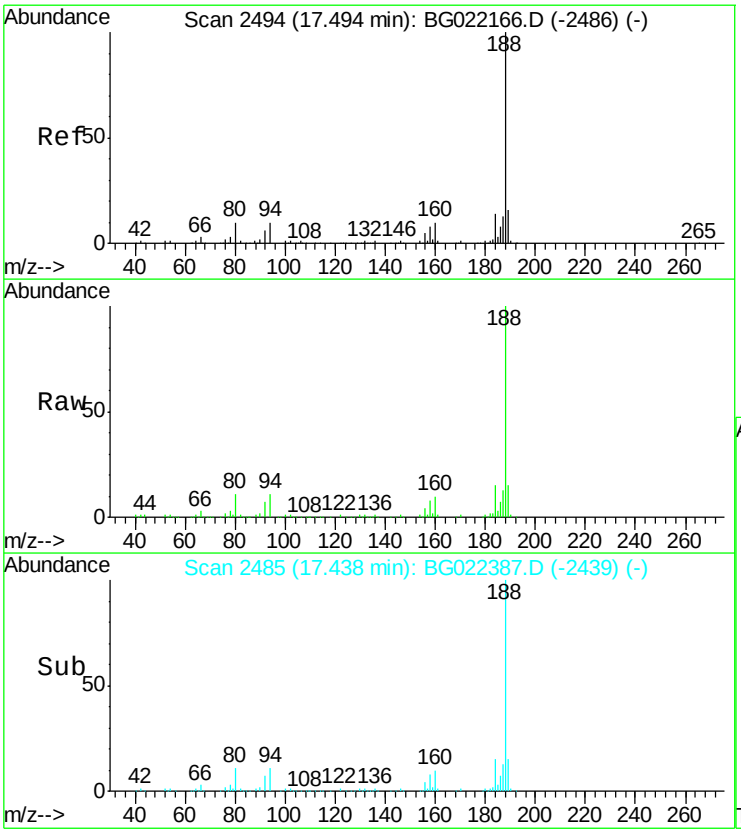
#49
Dimethylphthalate
Concen: 11.02 ng
RT: 14.14 min Scan# 1923
Delta R.T. -0.04 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tgt Ion:163 Resp: 98506

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.3	8.1	12.1

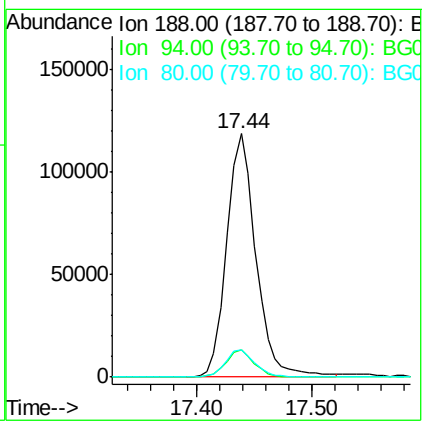


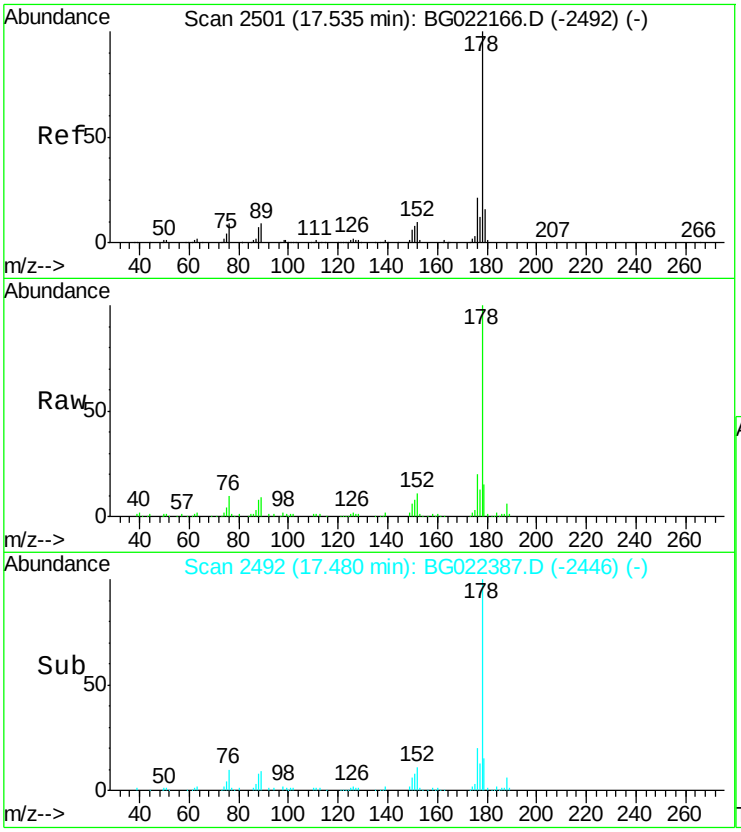


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 2485
Delta R.T. -0.03 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Tgt Ion:188 Resp: 209703

Ion	Ratio	Lower	Upper
188	100		
94	11.2	7.5	11.3
80	11.4	8.6	13.0



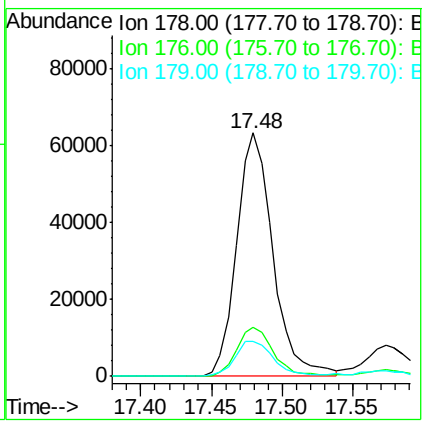


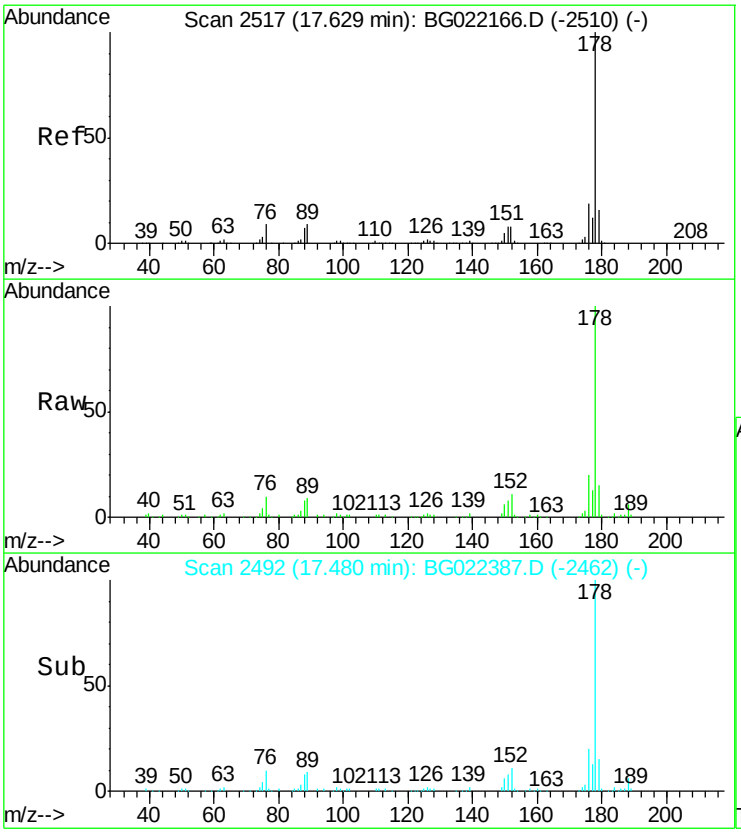
#70
Phenanthrene
Concen: 9.97 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tgt Ion:178 Resp: 113600

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	14.6	12.0	18.0

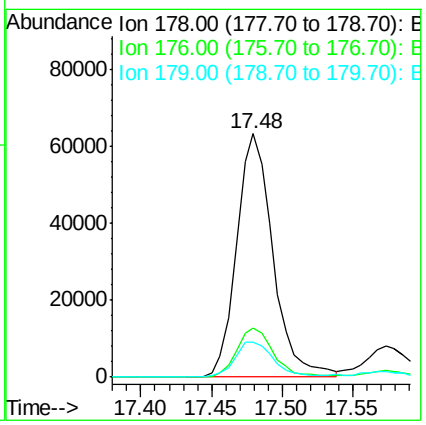


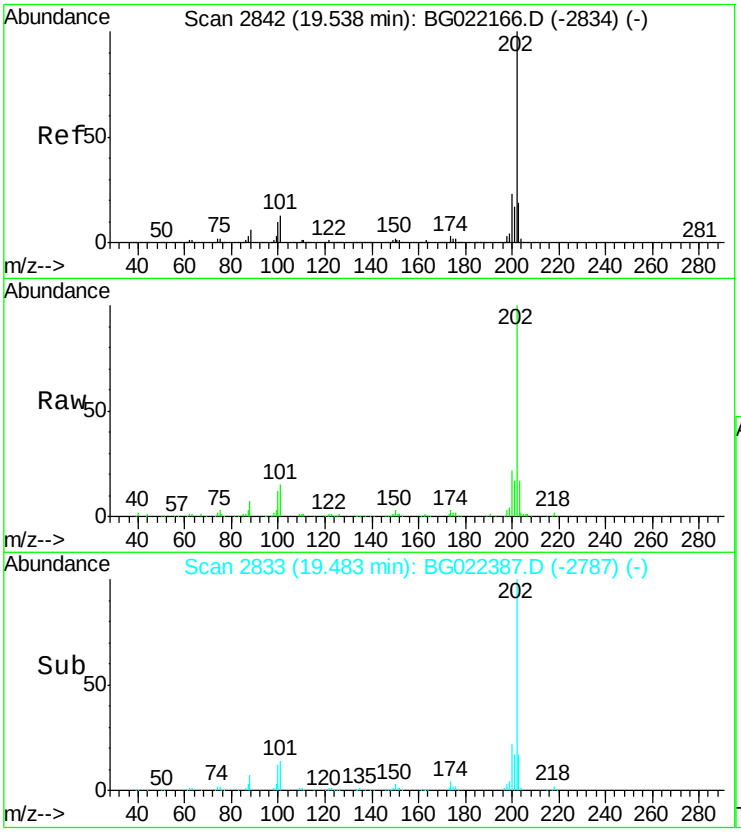


#71
Anthracene
Concen: 10.06 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.12 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Tgt Ion:178 Resp: 113600

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.0	22.4
179	14.6	12.2	18.4



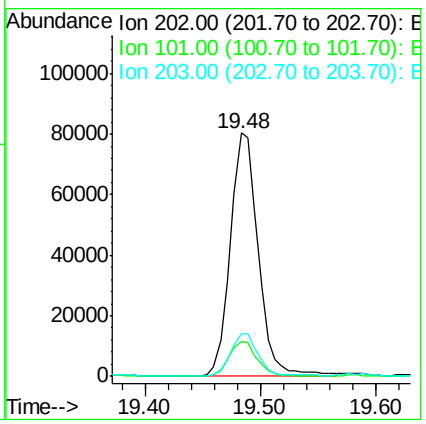


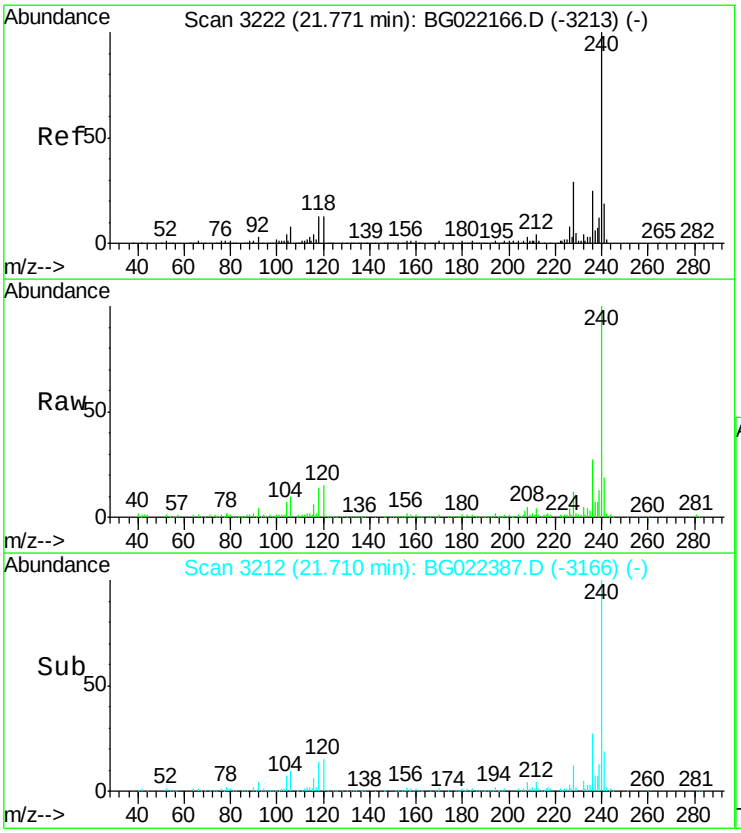
#74
Fluoranthene
Concen: 10.29 ng
RT: 19.48 min Scan# 2833
Delta R.T. -0.03 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tgt Ion:202 Resp: 134684

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	31.0
203	17.4	0.0	37.9

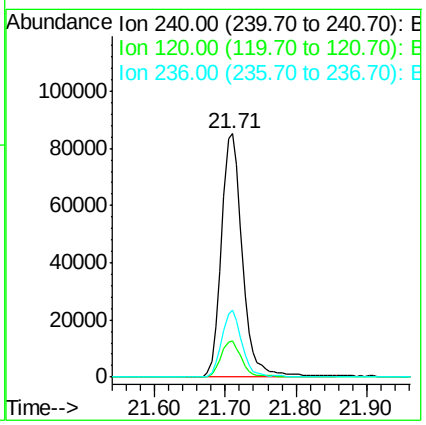


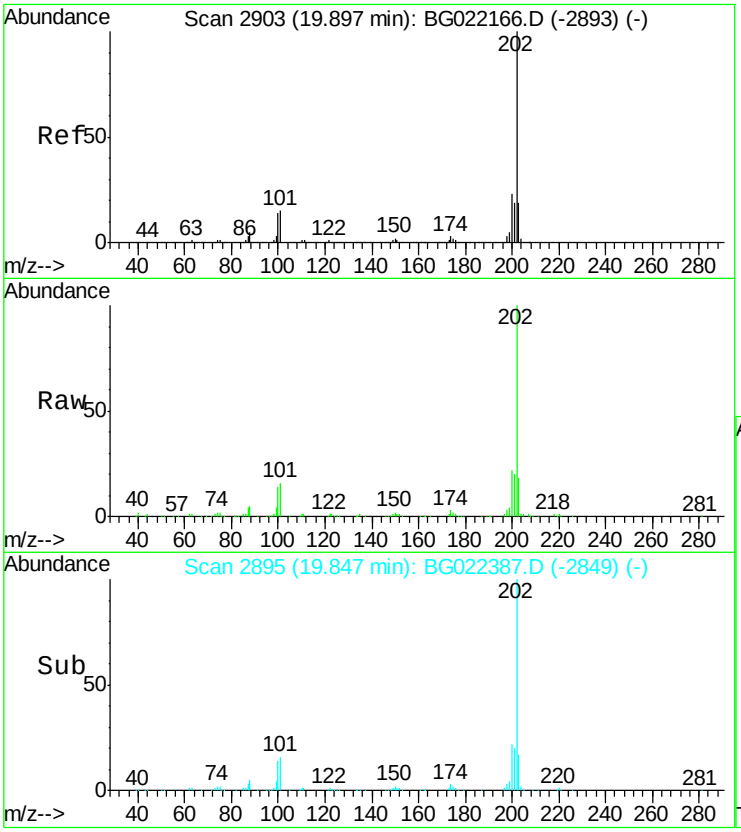


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.71 min Scan# 3212
Delta R.T. -0.03 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Tgt Ion:240 Resp: 176964

Ion	Ratio	Lower	Upper
240	100		
120	14.7	8.4	12.6#
236	27.3	19.6	29.4



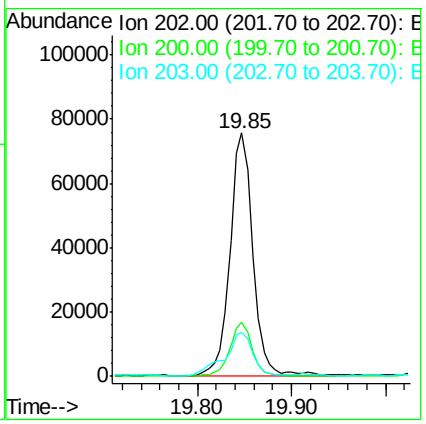


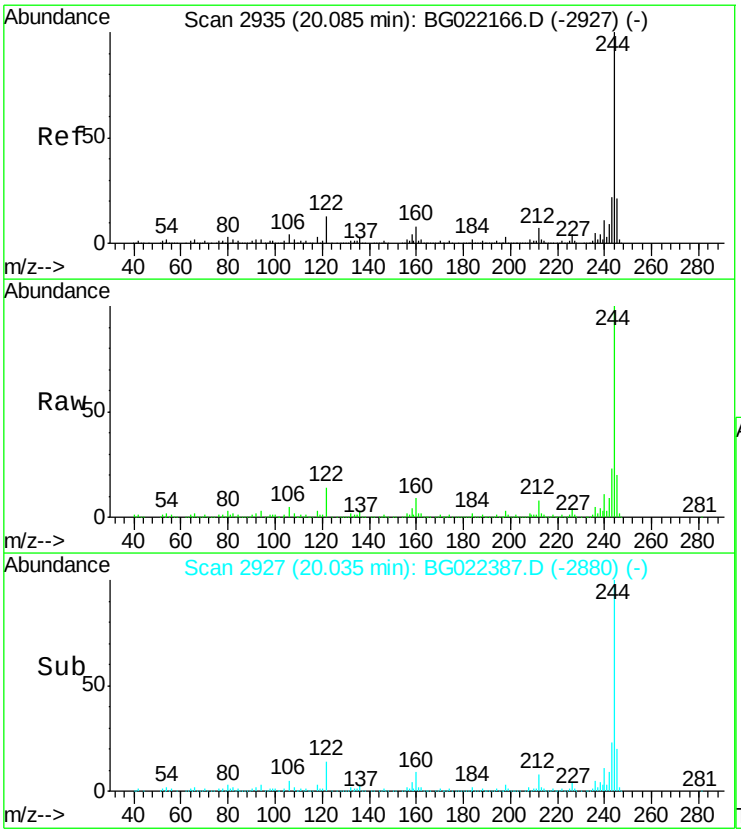
#77
Pyrene
Concen: 11.79 ng
RT: 19.85 min Scan# 2895
Delta R.T. -0.03 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tgt Ion:202 Resp: 129711

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.2	27.2
203	18.1	15.0	22.4

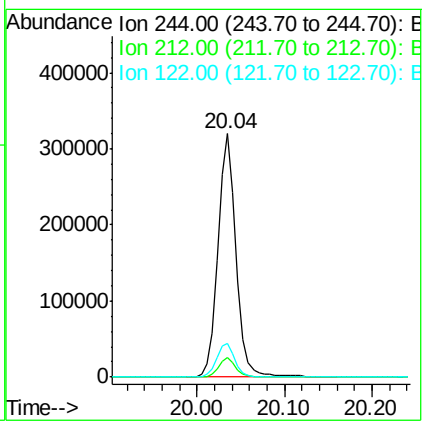


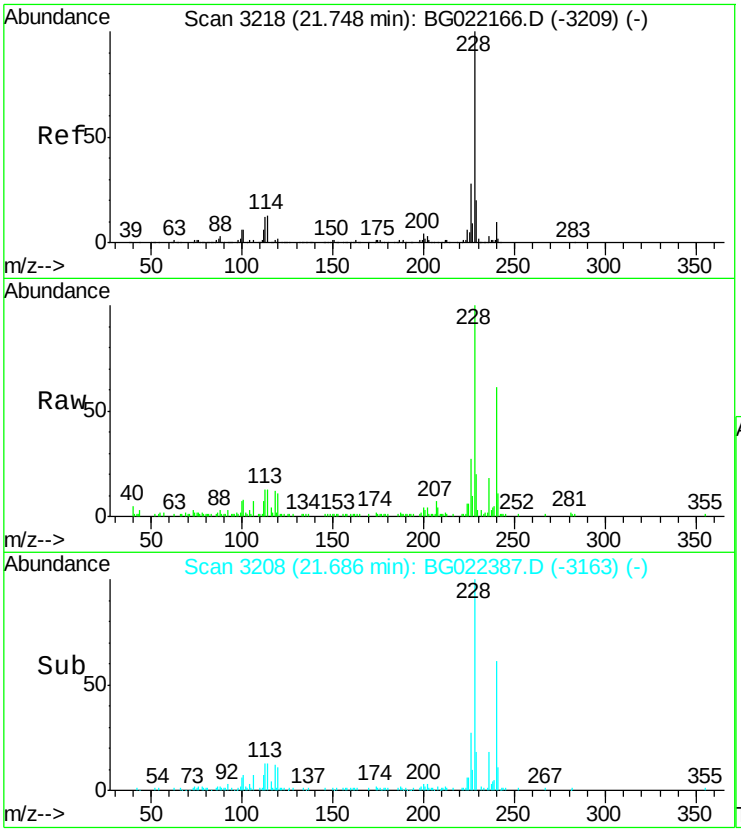


#78
Terphenyl-d14
Concen: 61.33 ng
RT: 20.04 min Scan# 2927
Delta R.T. -0.02 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Tgt Ion:244 Resp: 457176

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	13.9	8.6	12.8#



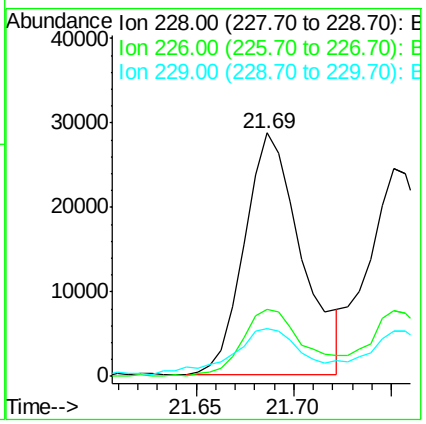


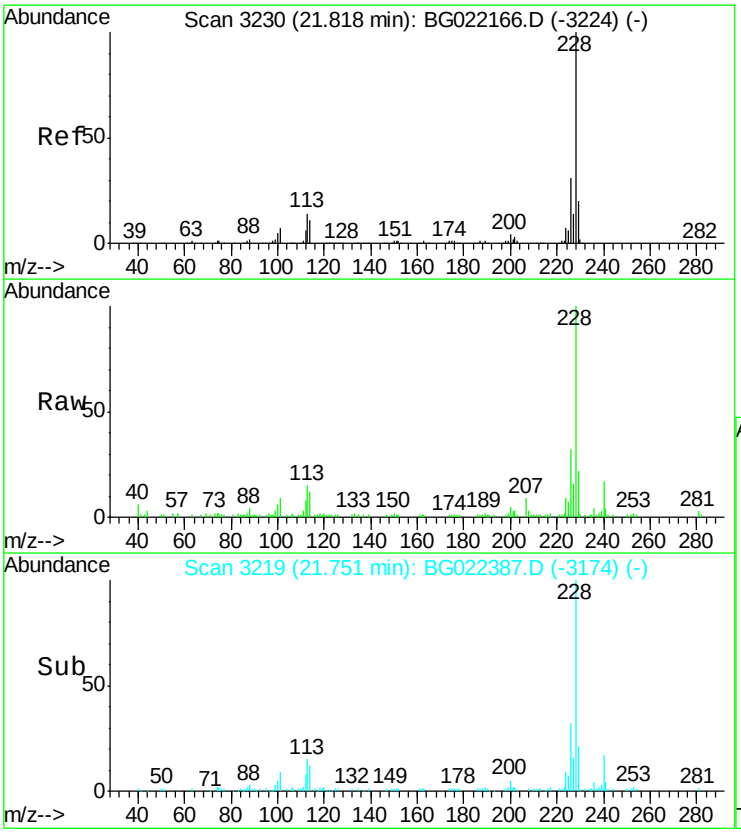
#80
Benzo(a)anthracene
Concen: 5.86 ng
RT: 21.69 min Scan# 3208
Delta R.T. -0.04 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tgt Ion:228 Resp: 58199

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	34.0
229	19.8	16.1	24.1

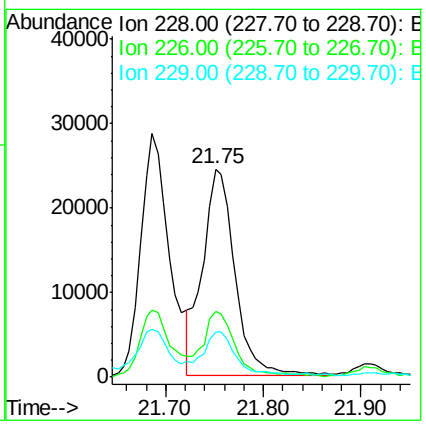


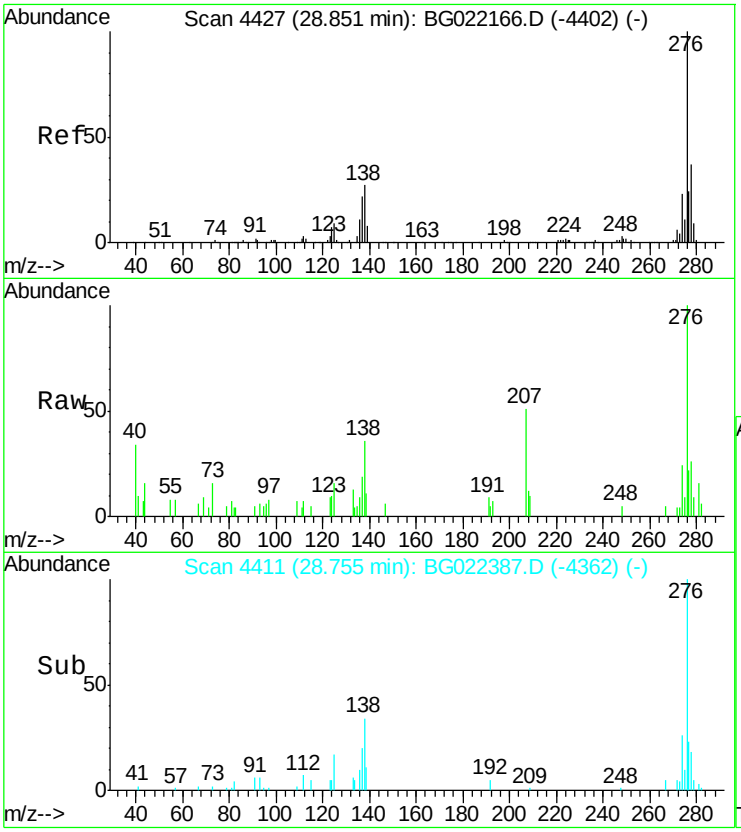


#82
Chrysene
Concen: 5.77 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Tgt Ion:228 Resp: 55755

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	22.0	15.9	23.9



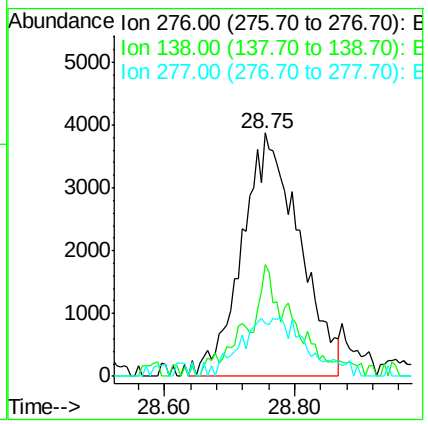


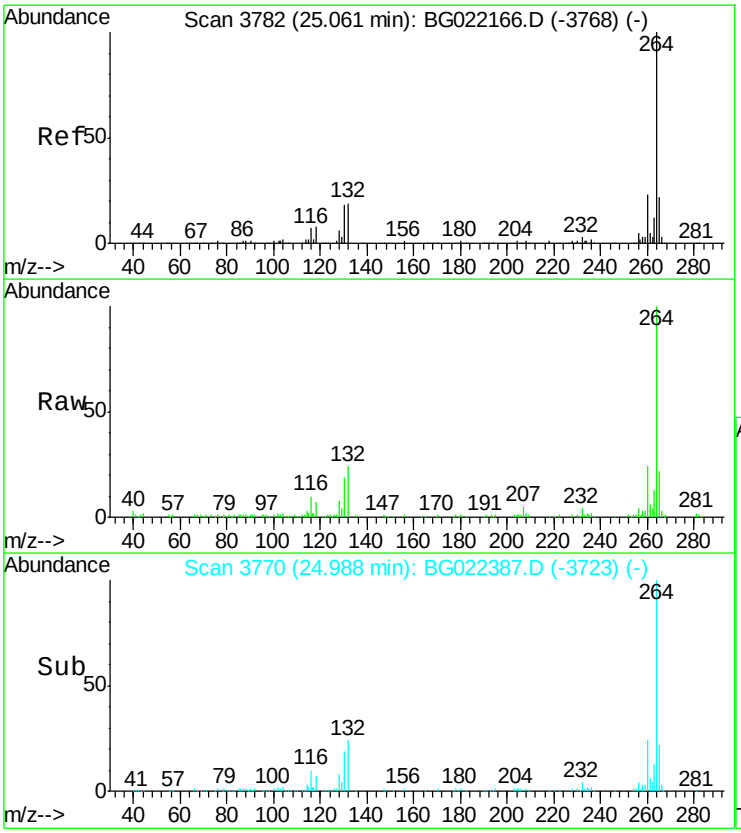
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.17 ng
RT: 28.75 min Scan# 4411
Delta R.T. -0.01 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tgt Ion:276 Resp: 23541

Ion	Ratio	Lower	Upper
276	100		
138	6.3	14.0	21.0#
277	12.2	20.6	30.8#

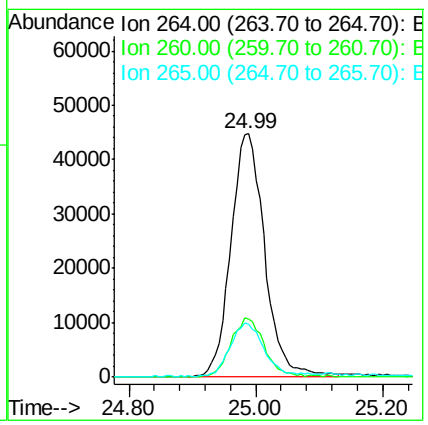


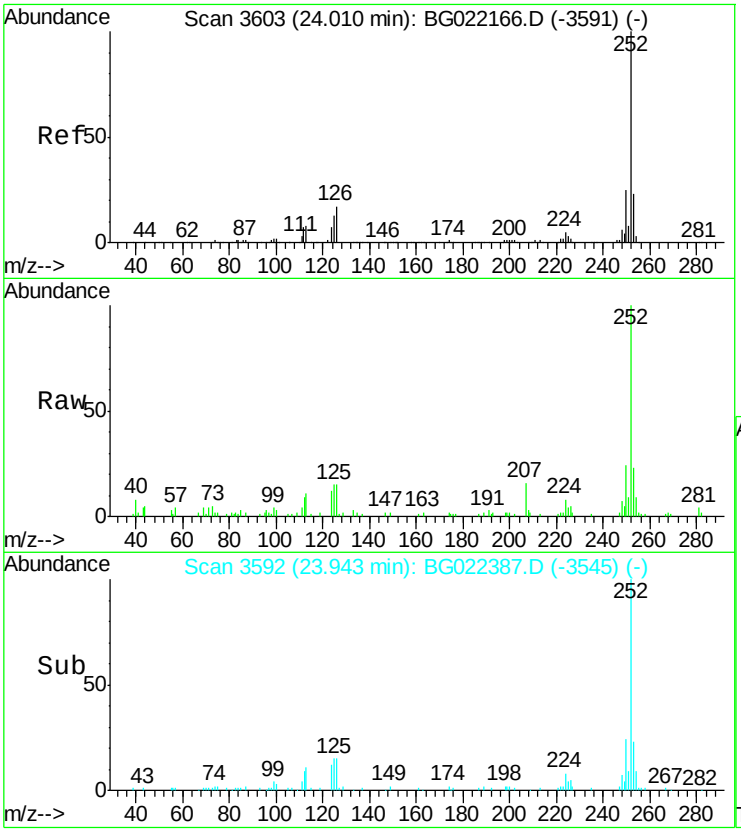


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.99 min Scan# 3770
Delta R.T. -0.02 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Tgt Ion:264 Resp: 165692

Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.2	30.4
265	21.7	17.8	26.8



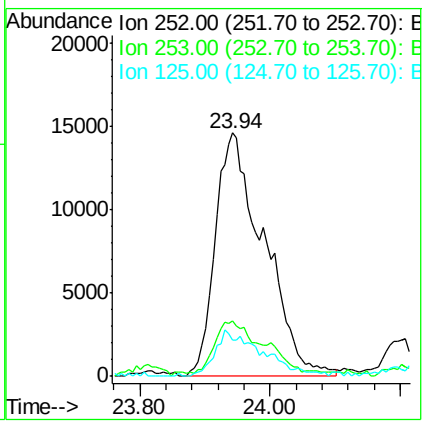


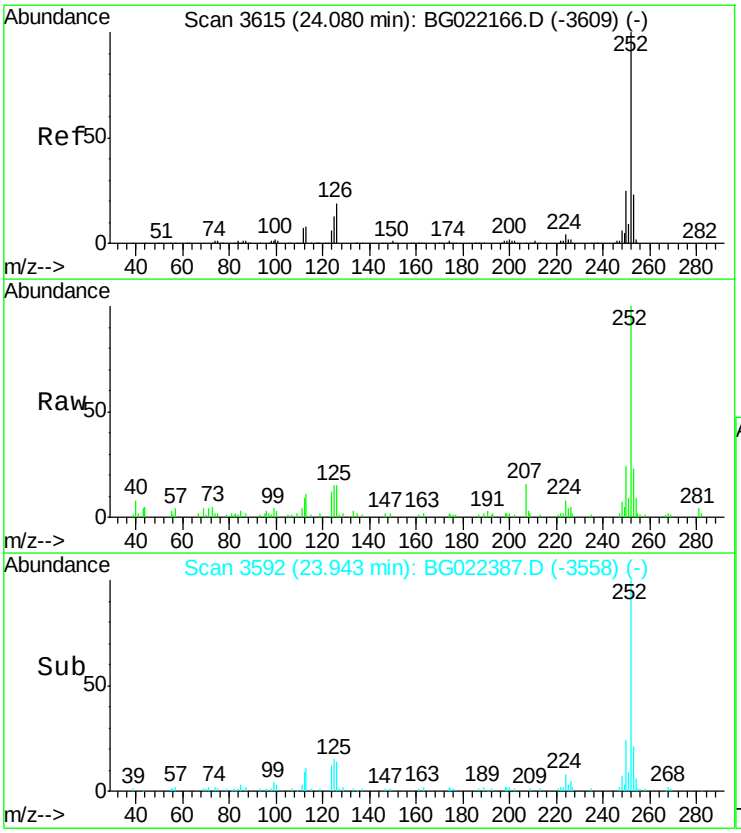
#87
Benzo(b)fluoranthene
Concen: 7.79 ng
RT: 23.94 min Scan# 3592
Delta R.T. -0.02 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tgt Ion:252 Resp: 75267

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	14.7	8.6	13.0#

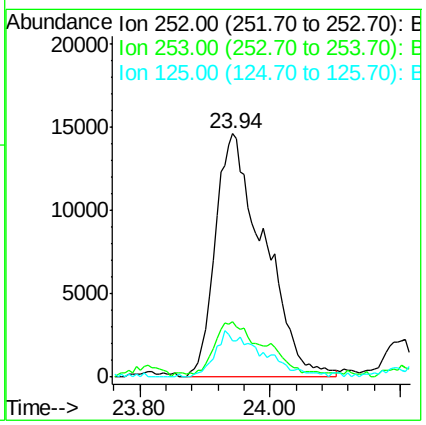


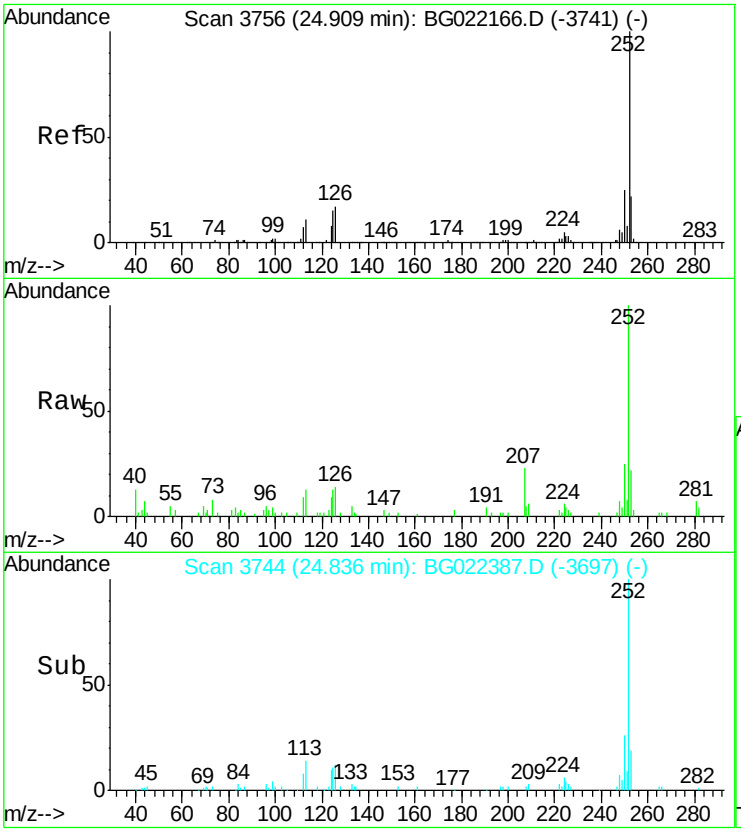


#88
Benzo(k)fluoranthene
Concen: 7.91 ng
RT: 23.94 min Scan# 3592
Delta R.T. -0.10 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Tgt Ion:252 Resp: 75267

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	14.7	8.3	12.5#





#89
Benzo(a)pyrene
Concen: 3.89 ng
RT: 24.84 min Scan# 3744
Delta R.T. -0.02 min
Lab File: BG022387.D
Acq: 17 Jun 2016 5:00

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tgt Ion:252 Resp: 35969

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	13.0	9.6	14.4