Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
Data File : BG022470.D
Acq On : 21 Jun 2016 17:33
Operator : UM/SJ
Sample : H3467-03RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-4-WC-3RE

Quant Time: Jun 22 13:16:24 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 02:15:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	25714	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	138028	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	91962	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	192647	20.00	ng		0.00
75) Chrysene-d12	21.64	240	162700	20.00	ng		0.00
86) Perylene-d12	24.84	264	150483	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	179630	135.07	ng		0.00
7) Phenol-d6	7.17	99	292203	139.74	ng		0.00
23) Nitrobenzene-d5	9.16	82	156681	79.14	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	73923	71.14	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	454934	75.39	ng		0.00
78) Terphenyl-d14	19.98	244	552159	80.57	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.08	163	89969	11.80	ng		99
70) Phenanthrene	17.42	178	109186	10.44	ng		99
71) Anthracene	17.52	178	27193	2.62	ng		94
74) Fluoranthene	19.43	202	208870	17.36	ng		95
77) Pyrene	19.79	202	167454	16.56	ng		99
80) Benzo(a)anthracene	21.62	228	94533	10.36	ng		99
82) Chrysene	21.68	228	80132m	9.03	ng		
85) Indeno(1,2,3-cd)pyrene	28.51	276	30832	3.10	ng	#	85
87) Benzo(b)fluoranthene	23.82	252	90120	10.27	ng	#	93
88) Benzo(k)fluoranthene	23.88	252	29608m	3.43	ng		
89) Benzo(a)pyrene	24.69	252	59148	7.05	ng	#	90
91) Benzo(g,h,i)perylene	29.66	276	32117m	3.91	ng		

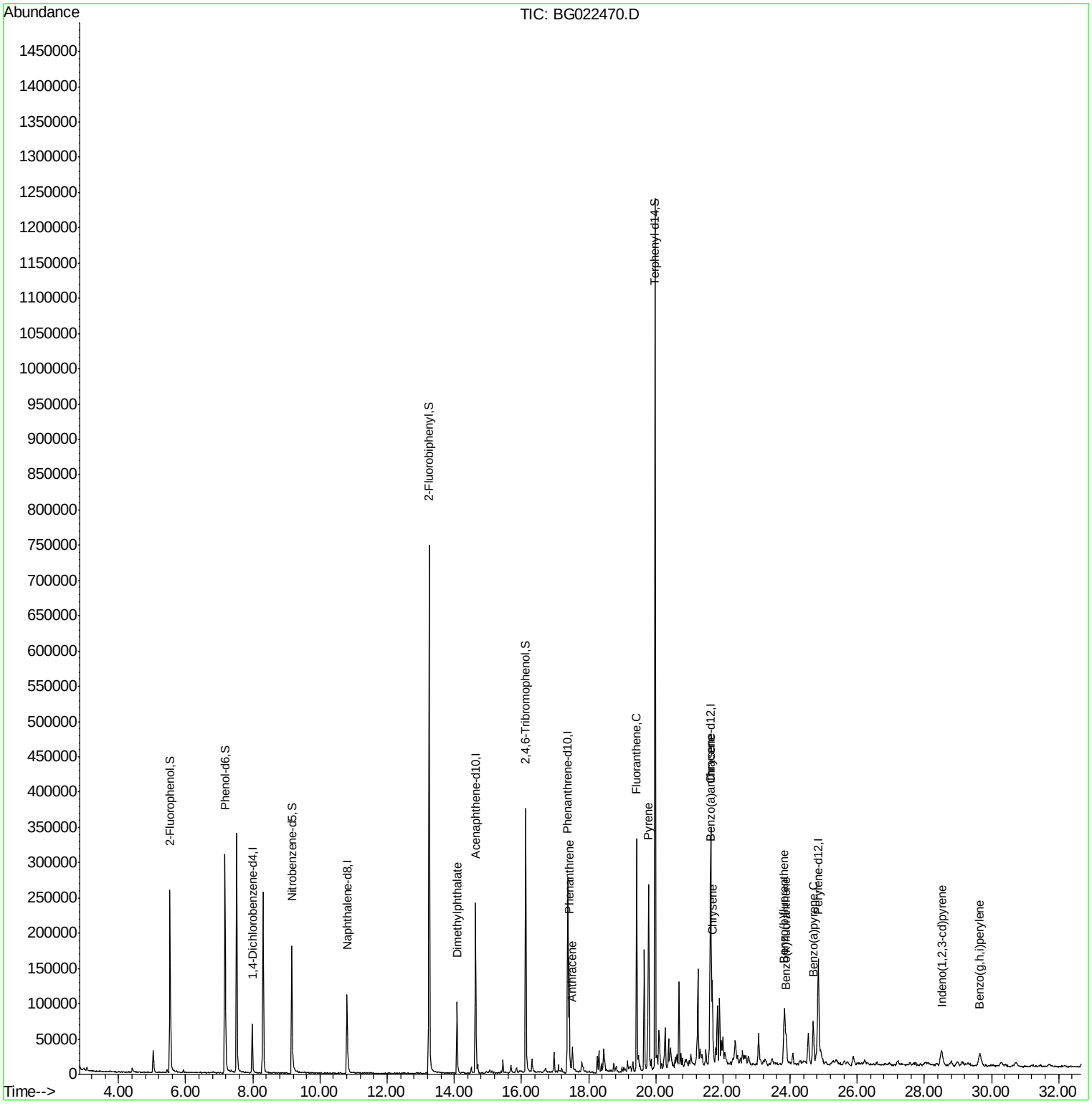
(#) = qualifier out of range (m) = manual integration (+) = signals summed

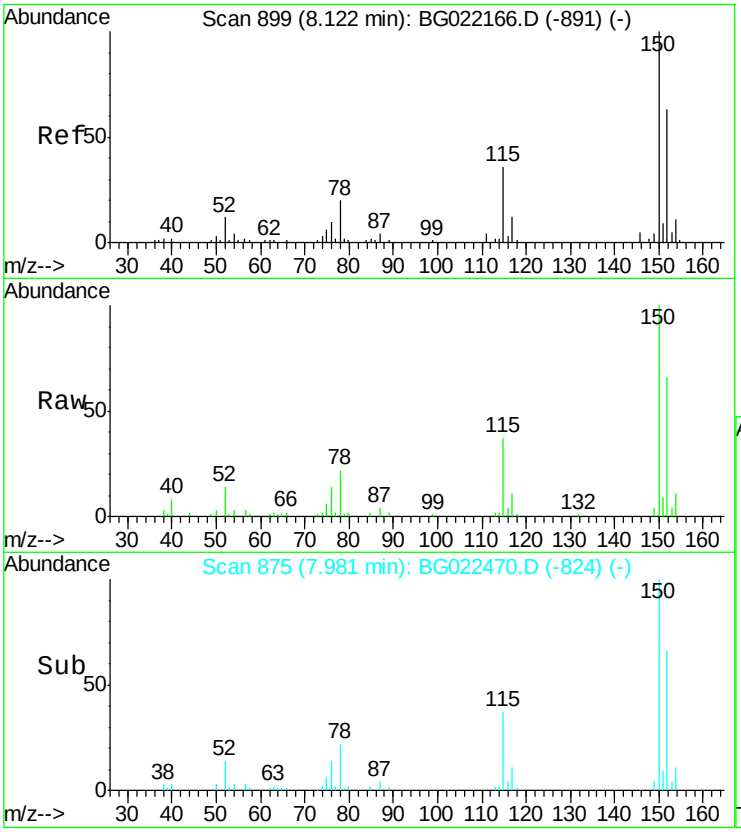
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
Data File : BG022470.D
Acq On : 21 Jun 2016 17:33
Operator : UM/SJ
Sample : H3467-03RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HF-4-WC-3RE

Quant Time: Jun 22 13:16:24 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 02:15:22 2016
Response via : Initial Calibration



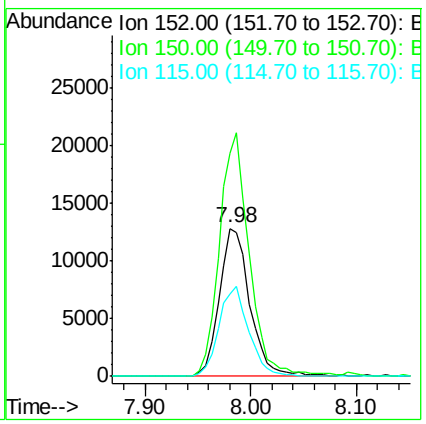


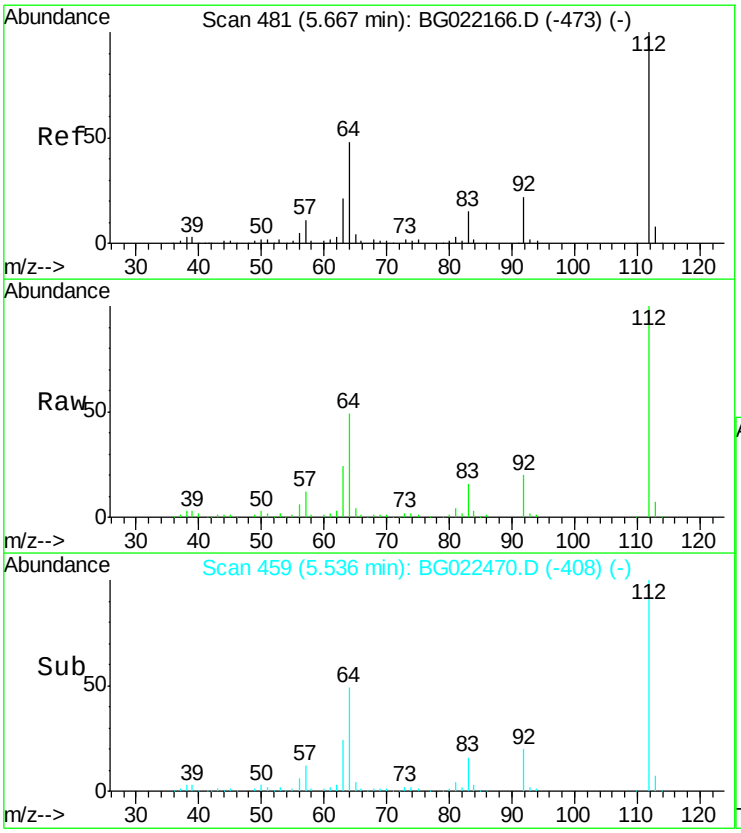
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Instrument :
BNA_G
ClientSampleId :
HF-4-WC-3RE

Tgt Ion:152 Resp: 25714

Ion	Ratio	Lower	Upper
152	100		
150	151.1	130.1	195.1
115	55.9	62.2	93.2#

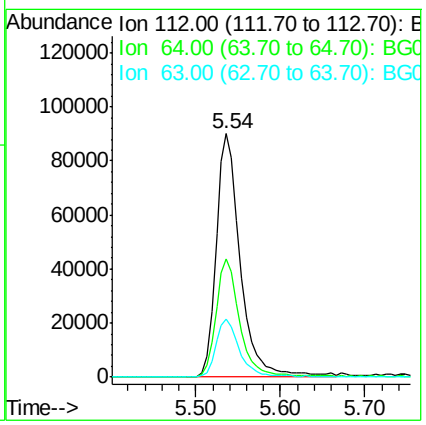


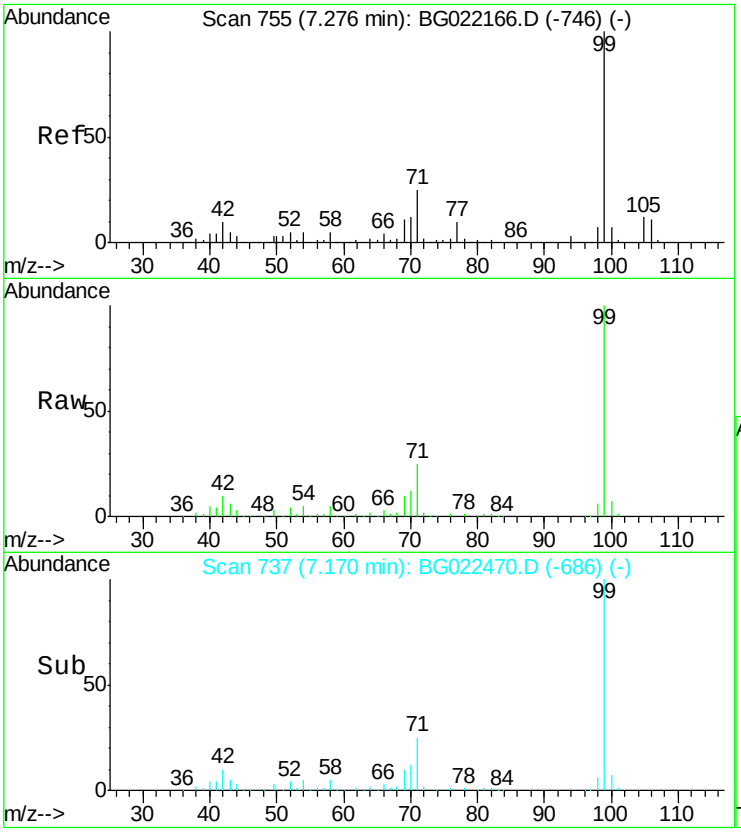


#5
2-Fluorophenol
Concen: 135.07 ng
RT: 5.54 min Scan# 459
Delta R.T. -0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Tgt Ion:112 Resp: 179630

Ion	Ratio	Lower	Upper
112	100		
64	48.8	51.1	76.7#
63	23.8	24.6	37.0#



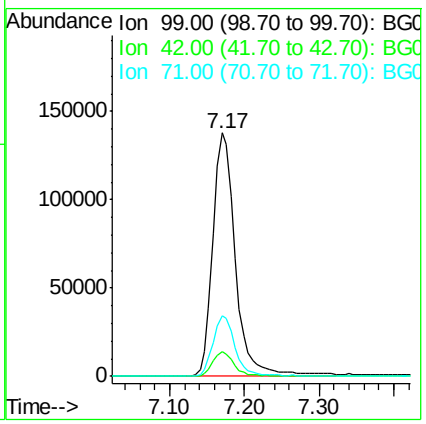


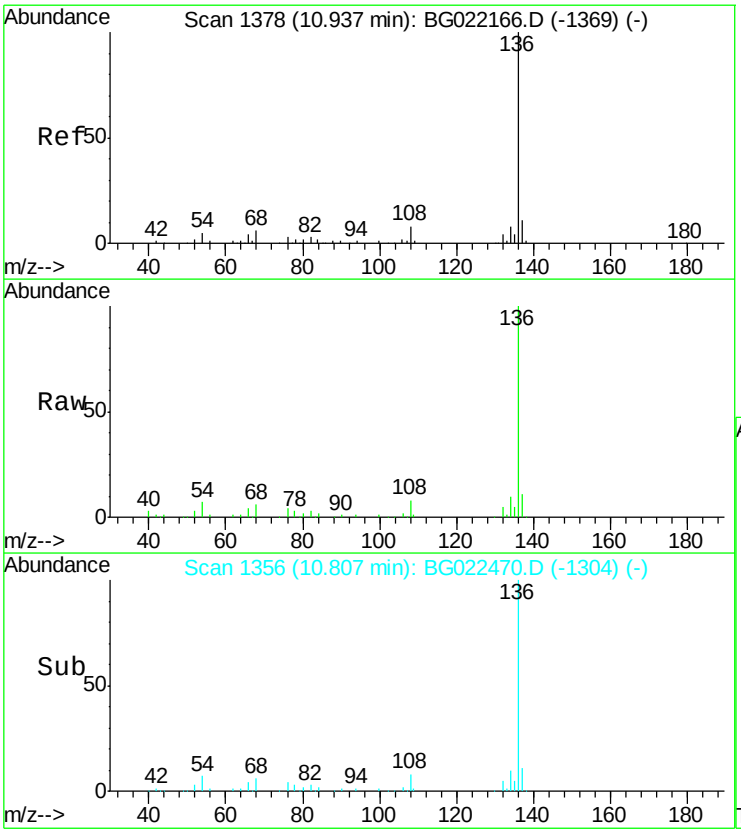
#7
Phenol-d6
Concen: 139.74 ng
RT: 7.17 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Instrument :
BNA_G
ClientSampleId :
HF-4-WC-3RE

Tgt Ion: 99 Resp: 292203

Ion	Ratio	Lower	Upper
99	100		
42	10.3	16.4	24.6#
71	24.8	25.0	37.4#

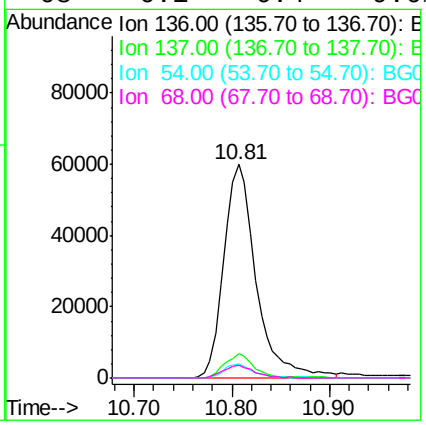


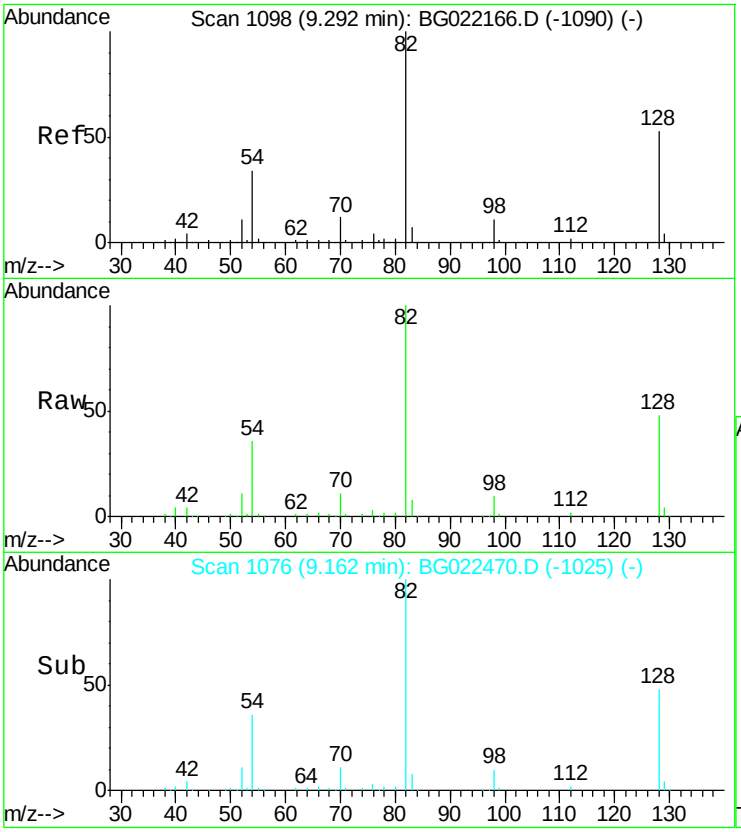


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Tgt Ion:136 Resp: 138028

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.5	9.6	14.4#
68	6.1	6.4	9.6#



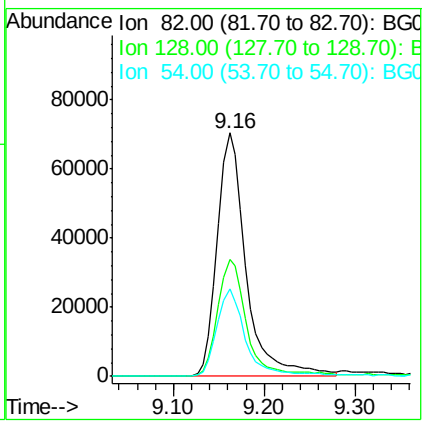


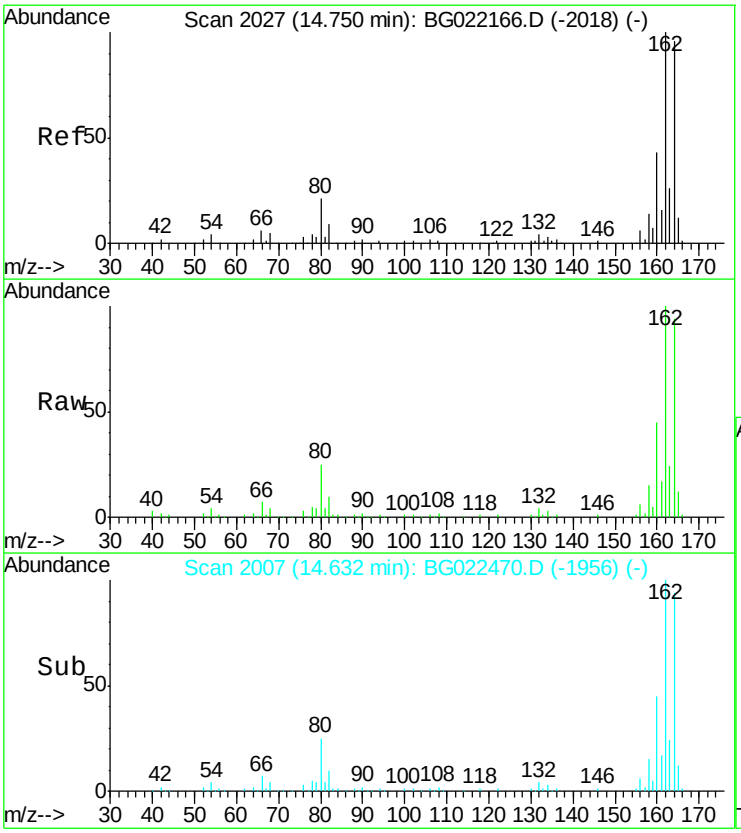
#23
Nitrobenzene-d5
Concen: 79.14 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Instrument :
BNA_G
ClientSampleId :
HF-4-WC-3RE

Tgt Ion: 82 Resp: 156681

Ion	Ratio	Lower	Upper
82	100		
128	48.3	33.4	50.0
54	35.8	46.1	69.1#

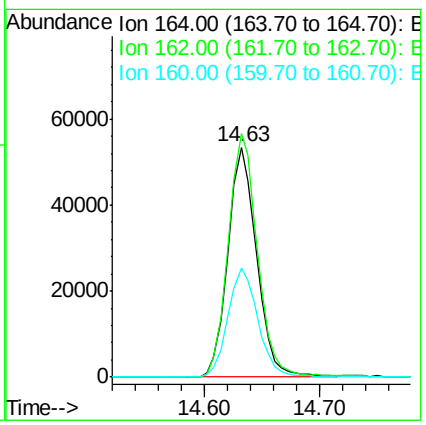


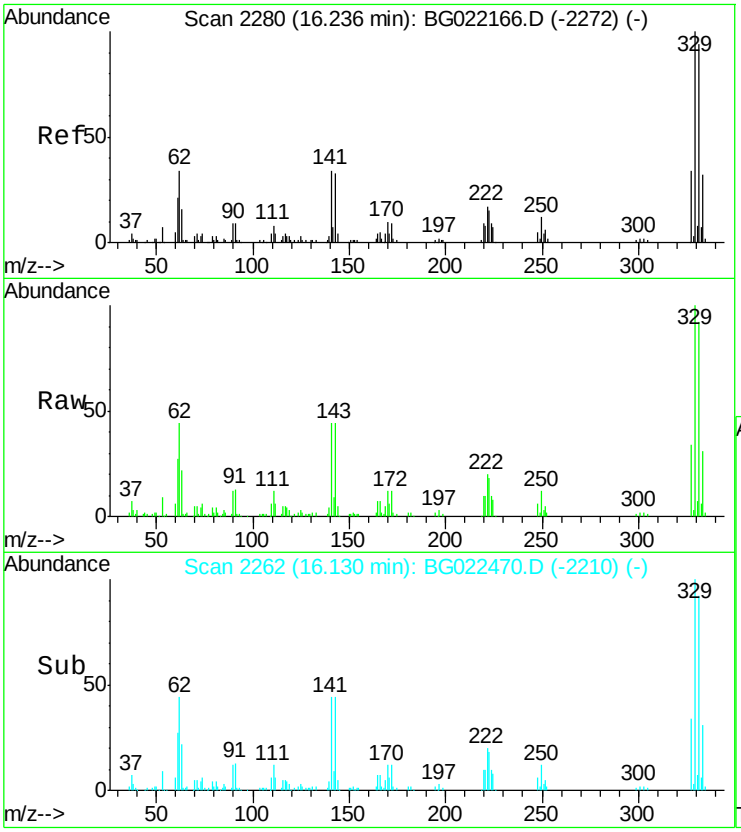


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Tgt Ion:164 Resp: 91962

Ion	Ratio	Lower	Upper
164	100		
162	106.0	78.0	117.0
160	47.8	32.9	49.3



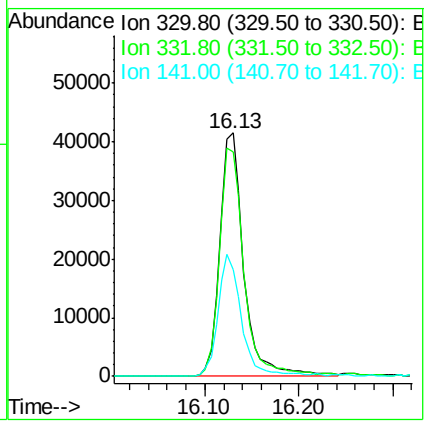


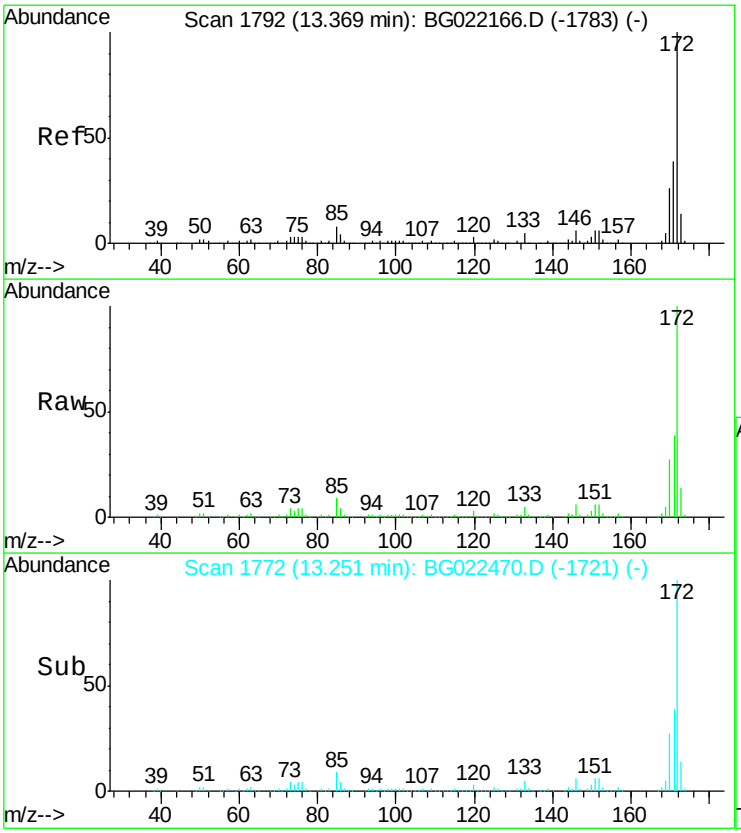
#41
2,4,6-Tribromophenol
Concen: 71.14 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Instrument :
BNA_G
ClientSampleId :
HF-4-WC-3RE

Tgt Ion:330 Resp: 73923

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.0	117.0
141	48.7	33.8	50.8

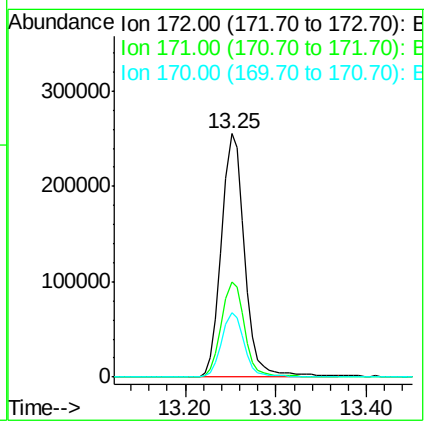


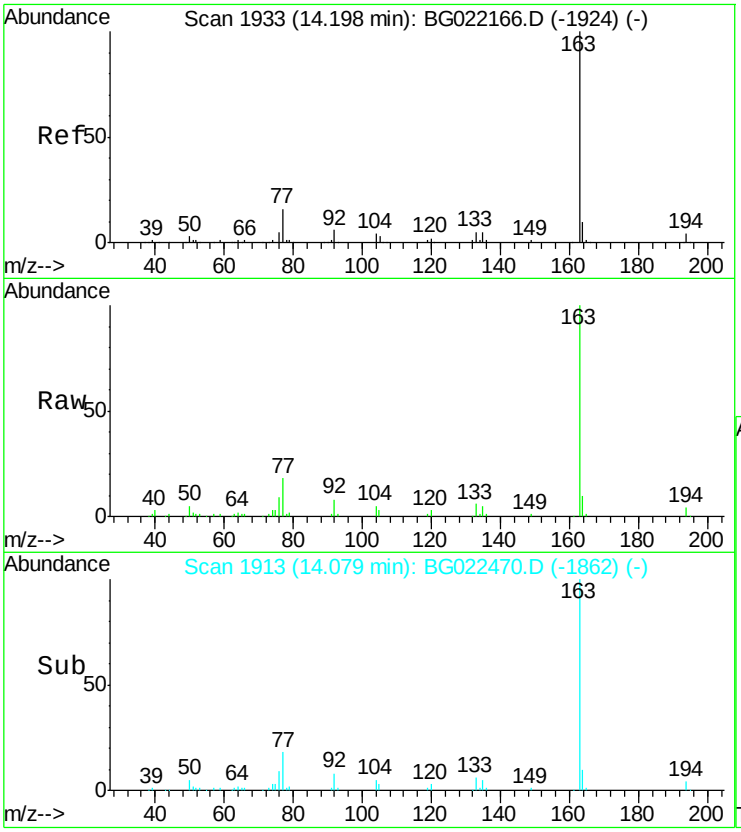


#44
2-Fluorobiphenyl
Concen: 75.39 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Tgt Ion:172 Resp: 454934

Ion	Ratio	Lower	Upper
172	100		
171	39.3	27.8	41.6
170	26.6	19.6	29.4



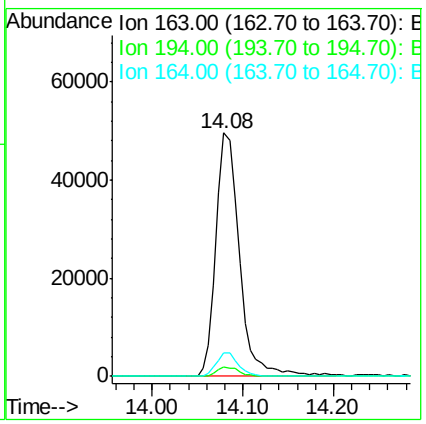


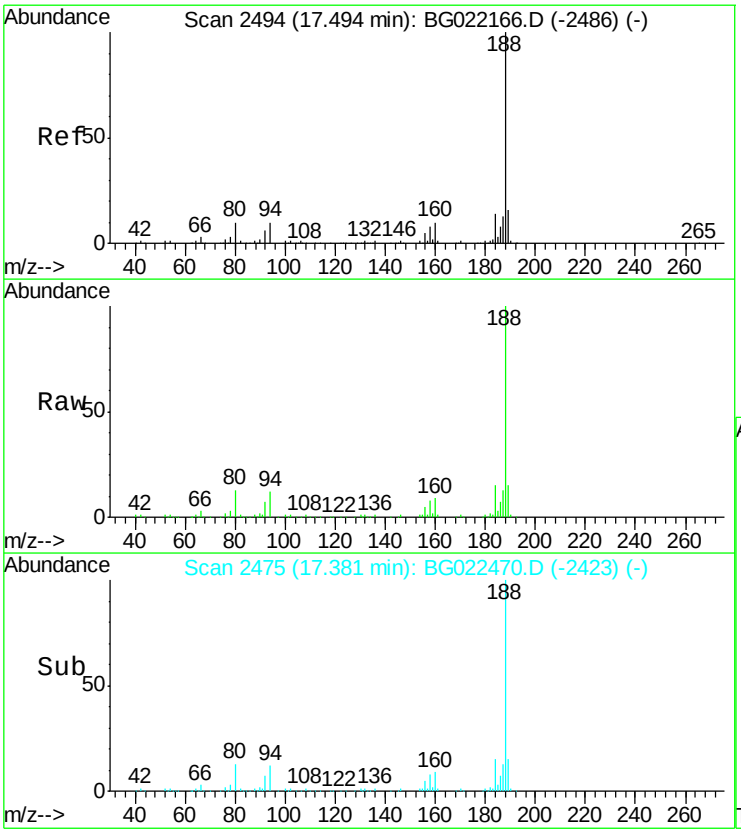
#49
Dimethylphthalate
Concen: 11.80 ng
RT: 14.08 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Instrument :
BNA_G
ClientSampleId :
HF-4-WC-3RE

Tgt Ion:163 Resp: 89969

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.5	8.1	12.1

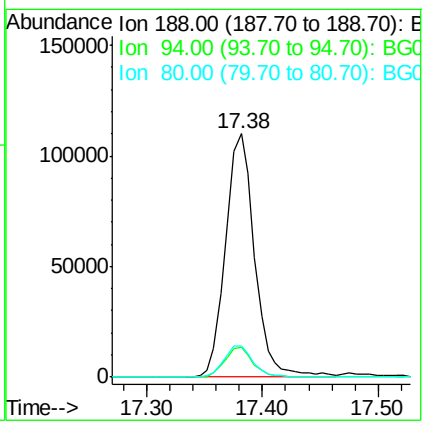


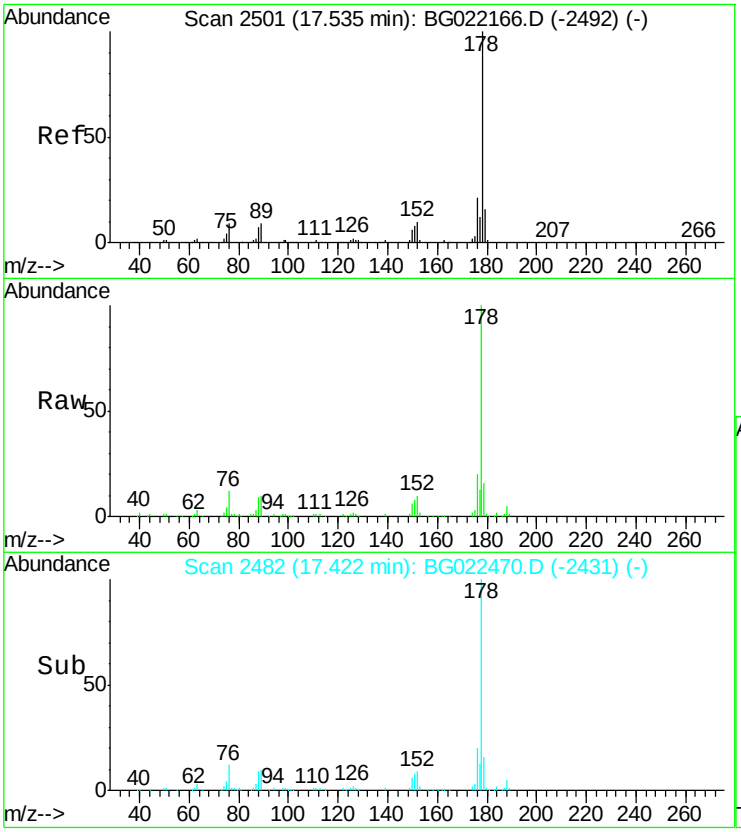


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Tgt Ion:188 Resp: 192647

Ion	Ratio	Lower	Upper
188	100		
94	12.3	7.5	11.3#
80	12.6	8.6	13.0



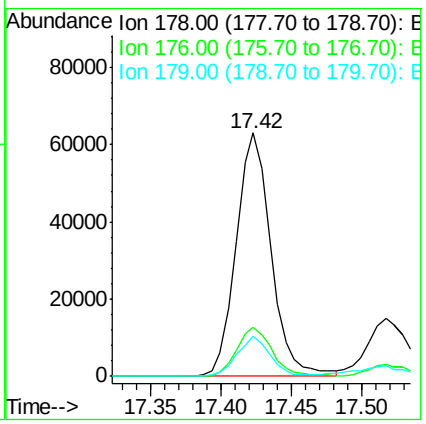


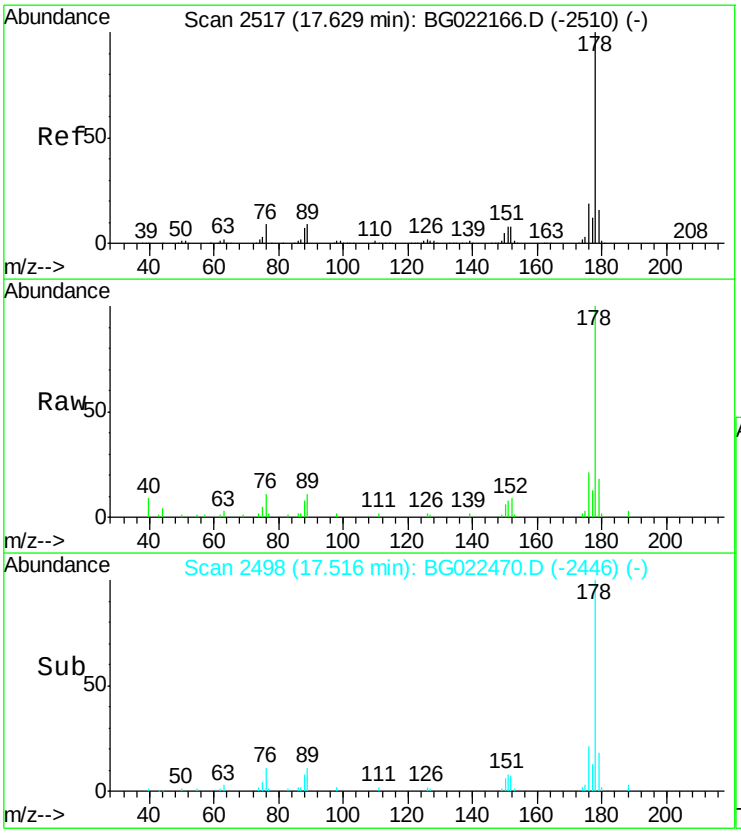
#70
Phenanthrene
Concen: 10.44 ng
RT: 17.42 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Instrument :
BNA_G
ClientSampleId :
HF-4-WC-3RE

Tgt Ion:178 Resp: 109186

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	16.3	12.0	18.0

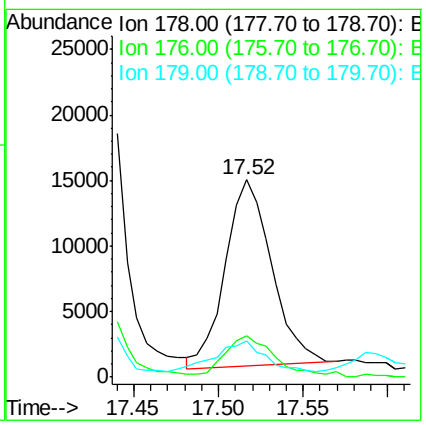


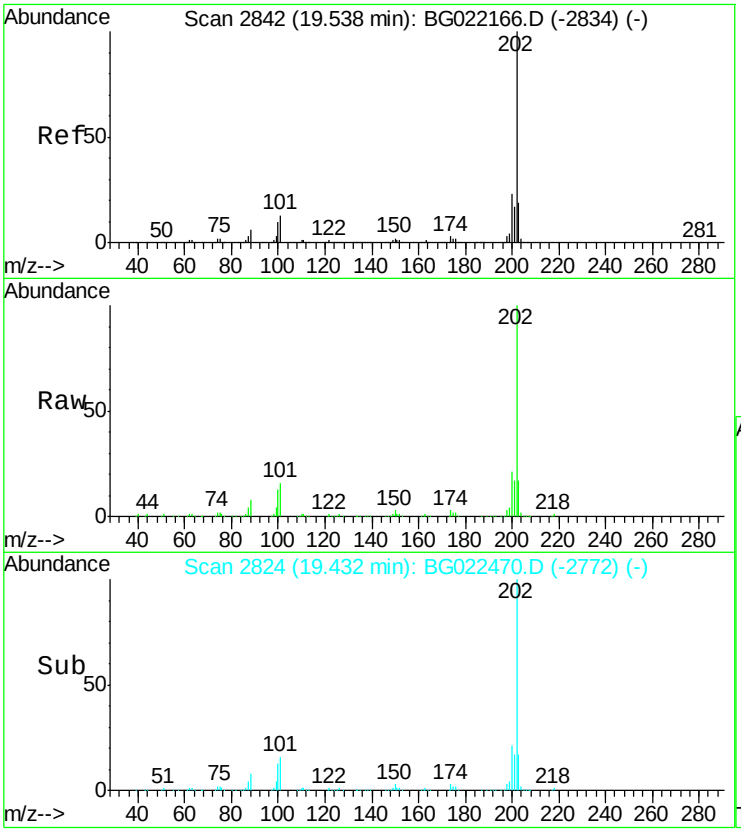


#71
Anthracene
Concen: 2.62 ng
RT: 17.52 min Scan# 2498
Delta R.T. 0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Tgt Ion:178 Resp: 27193

Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.0	22.4
179	18.3	12.2	18.4



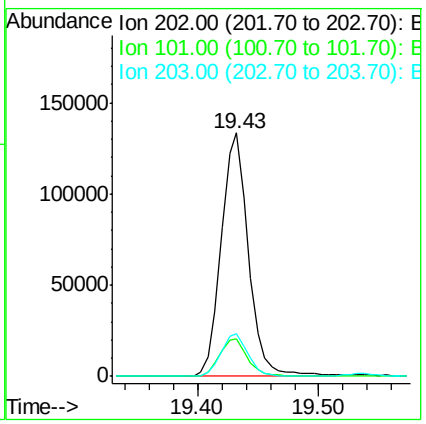


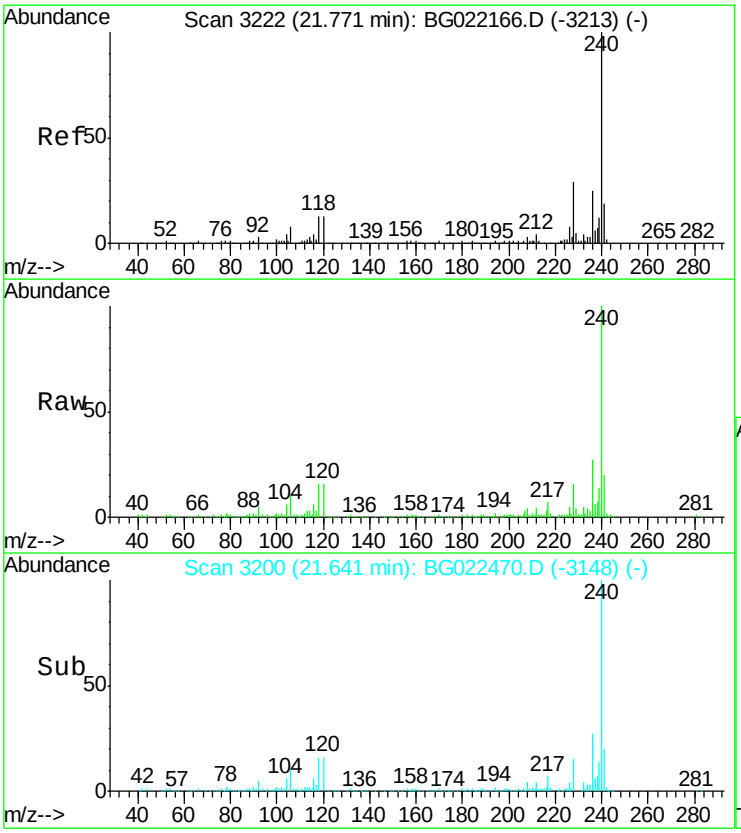
#74
Fluoranthene
Concen: 17.36 ng
RT: 19.43 min Scan# 2824
Delta R.T. 0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Instrument :
BNA_G
ClientSampleId :
HF-4-WC-3RE

Tgt Ion:202 Resp: 208870

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	31.0
203	17.5	0.0	37.9

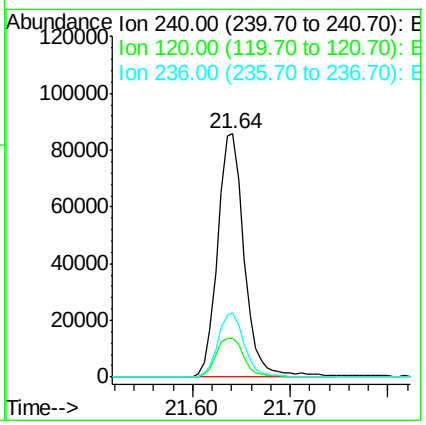


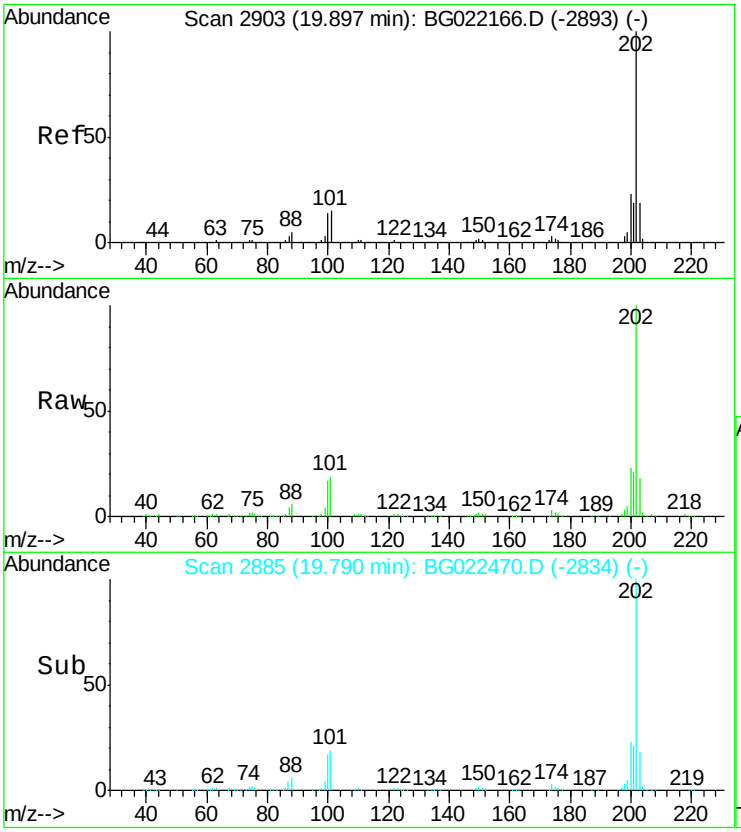


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3200
Delta R.T. 0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Tgt Ion:240 Resp: 162700

Ion	Ratio	Lower	Upper
240	100		
120	15.7	8.4	12.6#
236	26.6	19.6	29.4



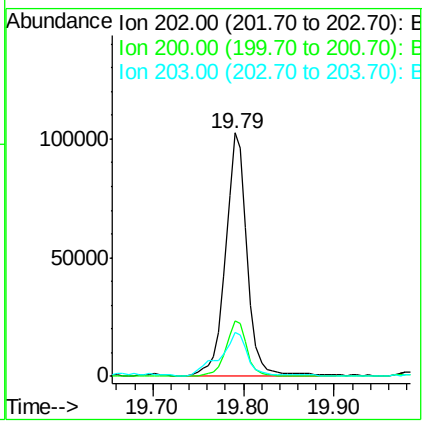


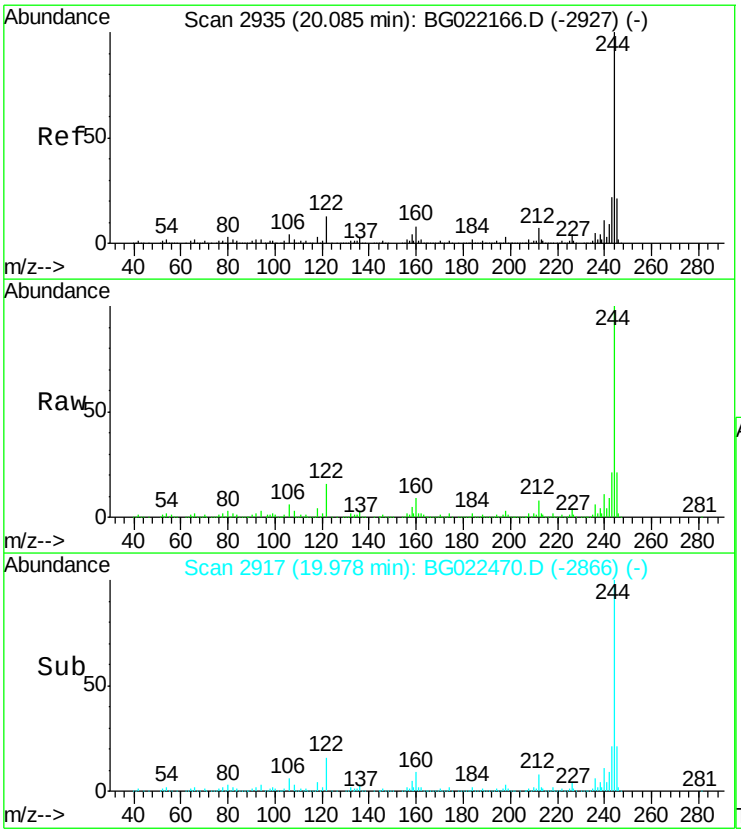
#77
Pyrene
Concen: 16.56 ng
RT: 19.79 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Instrument :
BNA_G
ClientSampleId :
HF-4-WC-3RE

Tgt Ion:202 Resp: 167454

Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.2	27.2
203	18.0	15.0	22.4

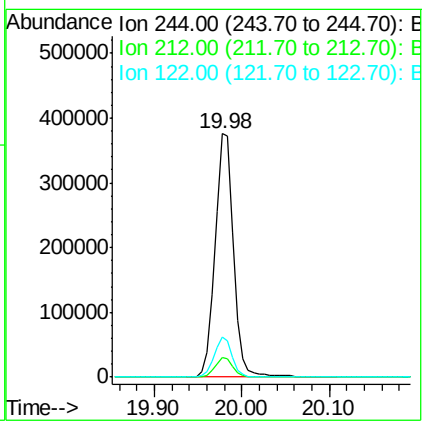


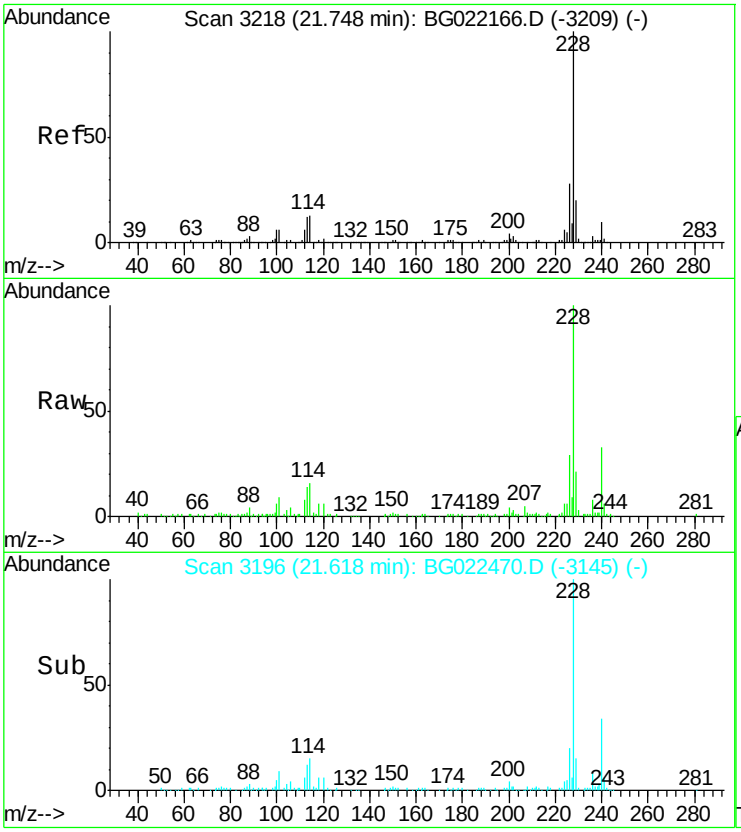


#78
Terphenyl-d14
Concen: 80.57 ng
RT: 19.98 min Scan# 2917
Delta R.T. -0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Tgt Ion:244 Resp: 552159

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	16.5	8.6	12.8#



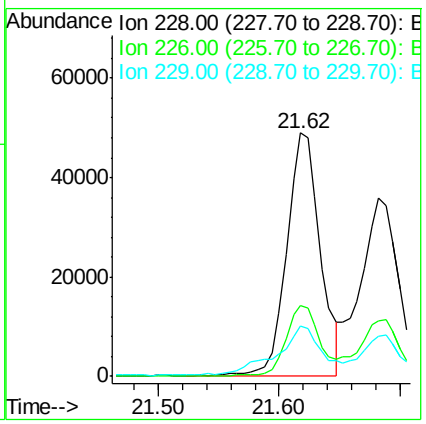


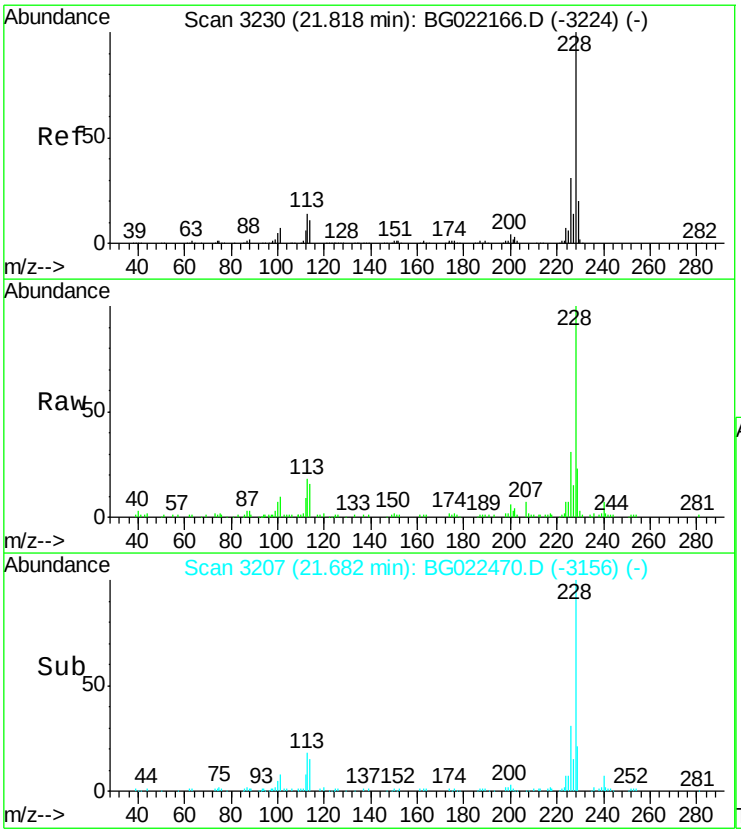
#80
Benzo(a)anthracene
Concen: 10.36 ng
RT: 21.62 min Scan# 3196
Delta R.T. -0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Instrument :
BNA_G
ClientSampleId :
HF-4-WC-3RE

Tgt Ion:228 Resp: 94533

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	34.0
229	20.7	16.1	24.1

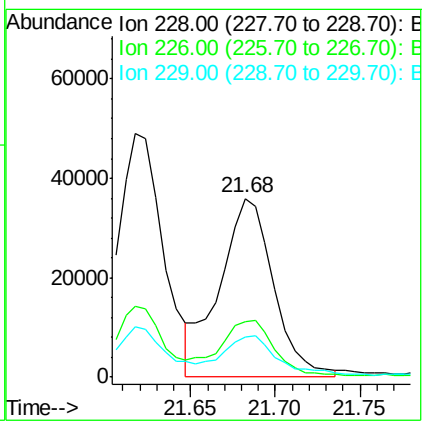


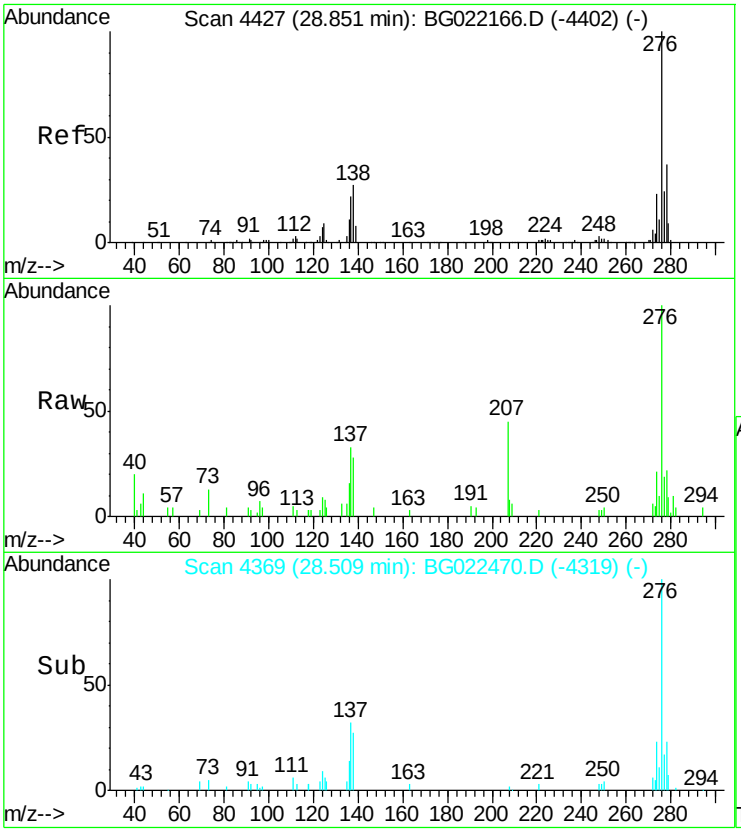


#82
Chrysene
Concen: 9.03 ng m
RT: 21.68 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Tgt Ion:228 Resp: 80132

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	22.6	15.9	23.9



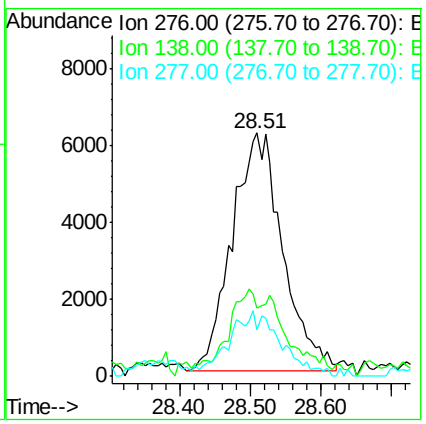


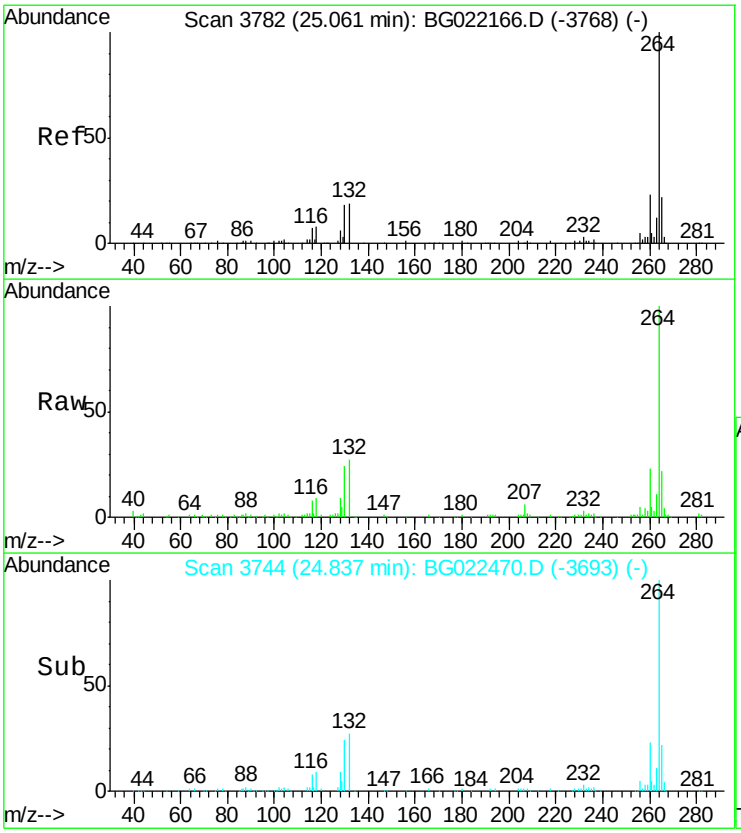
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.10 ng
RT: 28.51 min Scan# 4369
Delta R.T. -0.01 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Instrument :
BNA_G
ClientSampleId :
HF-4-WC-3RE

Tgt Ion:276 Resp: 30832

Ion	Ratio	Lower	Upper
276	100		
138	17.5	14.0	21.0
277	12.8	20.6	30.8#

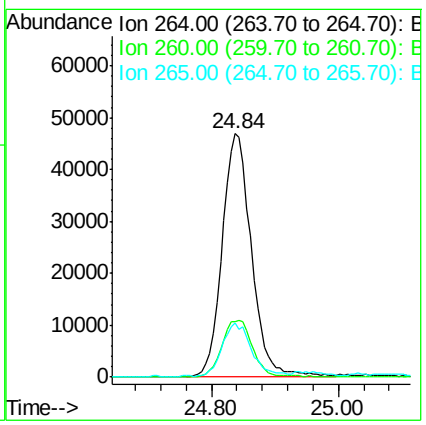


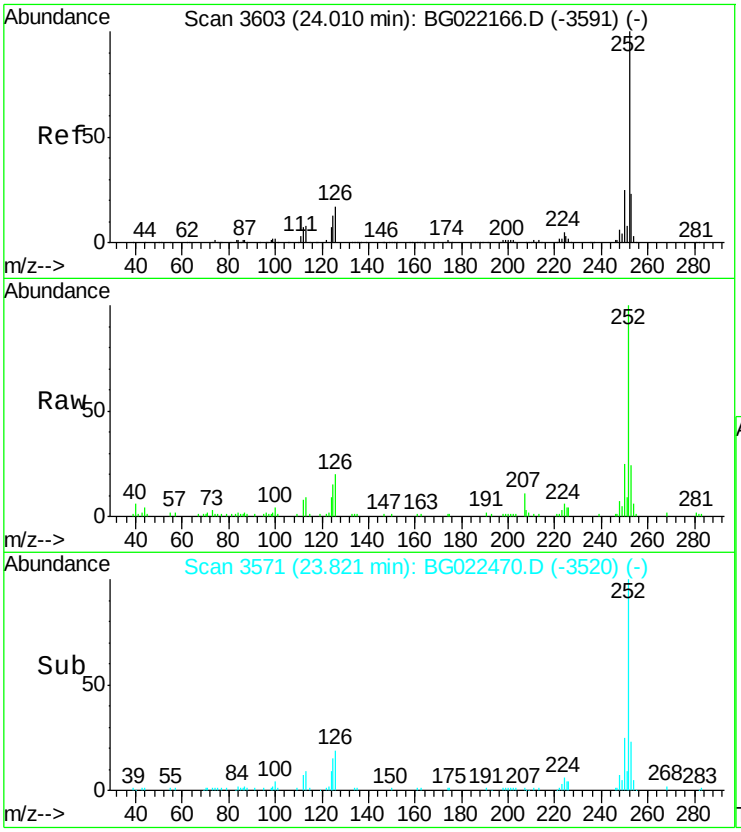


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 3744
Delta R.T. -0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Tgt Ion:264 Resp: 150483

Ion	Ratio	Lower	Upper
264	100		
260	22.9	20.2	30.4
265	22.4	17.8	26.8



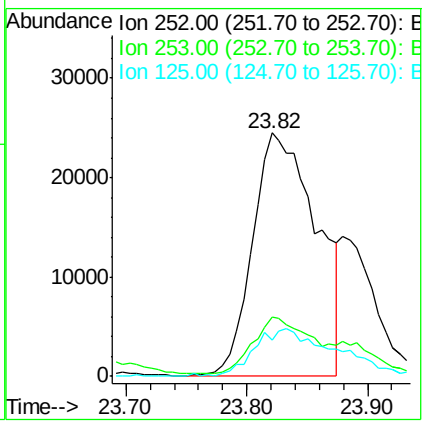


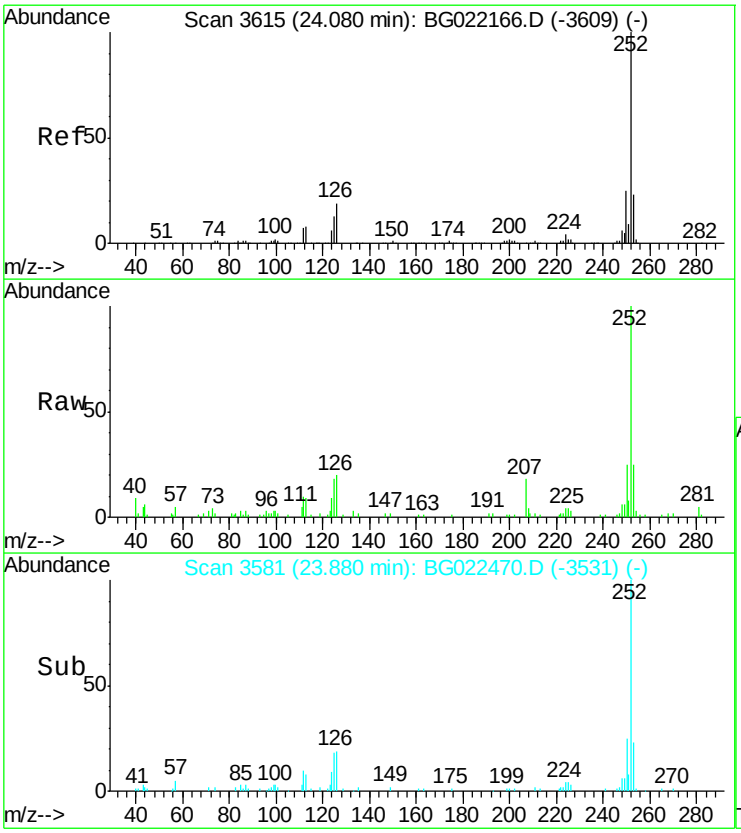
#87
Benzo(b)fluoranthene
Concen: 10.27 ng
RT: 23.82 min Scan# 3571
Delta R.T. -0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Instrument :
BNA_G
ClientSampleId :
HF-4-WC-3RE

Tgt Ion:252 Resp: 90120

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	15.0	8.6	13.0#

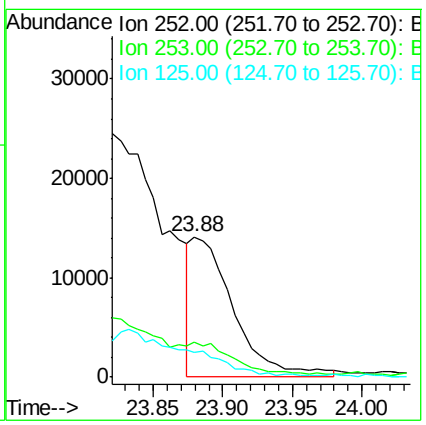


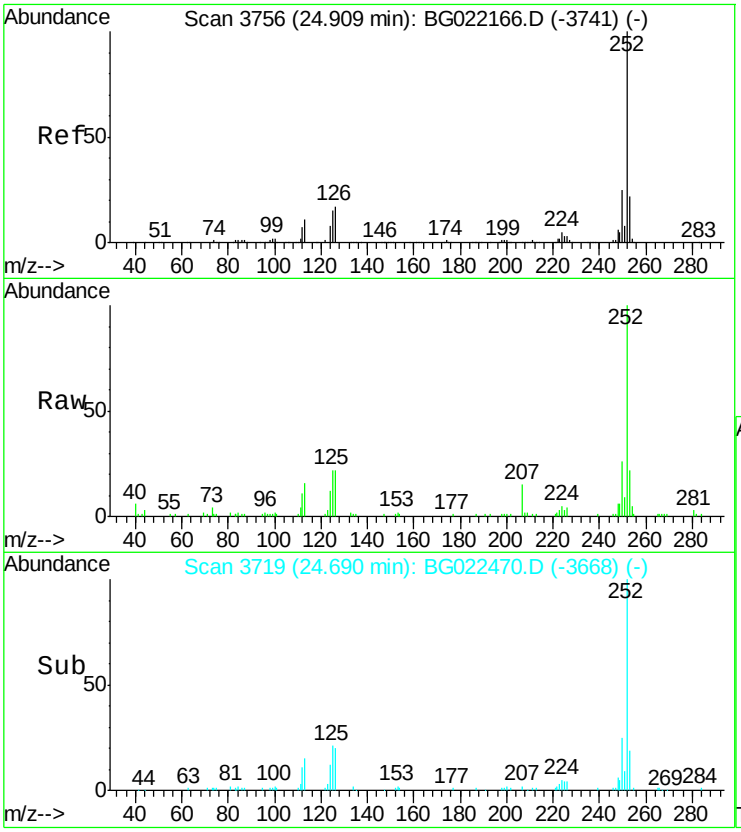


#88
Benzo(k)fluoranthene
Concen: 3.43 ng m
RT: 23.88 min Scan# 3581
Delta R.T. -0.01 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Tgt Ion:252 Resp: 29608

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	17.7	8.3	12.5#



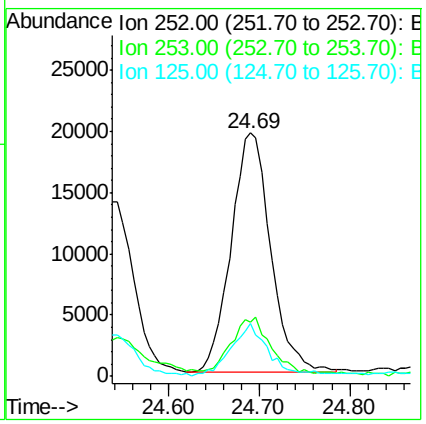


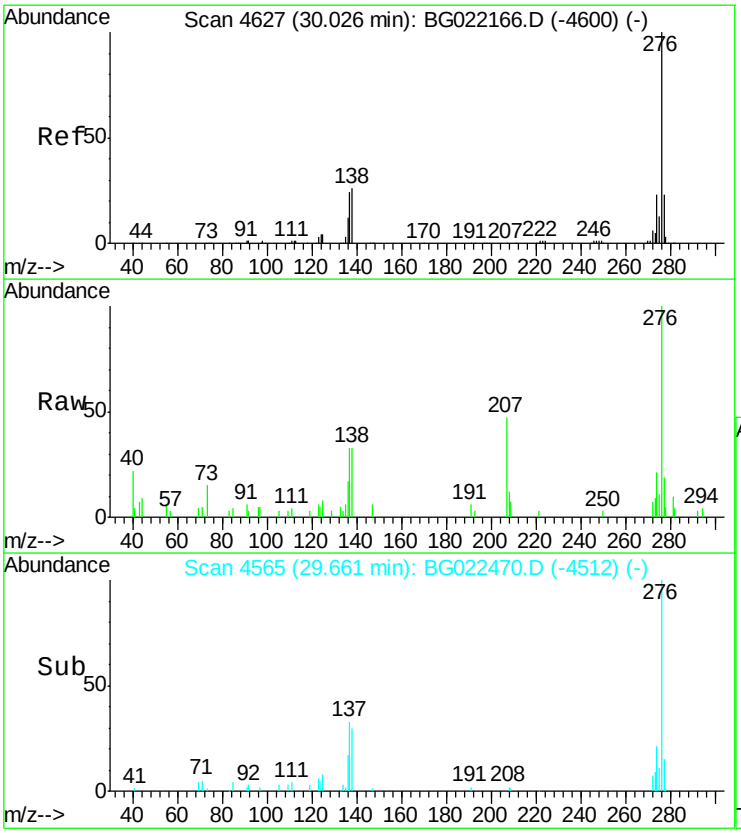
#89
Benzo(a)pyrene
Concen: 7.05 ng
RT: 24.69 min Scan# 3719
Delta R.T. -0.00 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Instrument :
BNA_G
ClientSampleId :
HF-4-WC-3RE

Tgt Ion:252 Resp: 59148

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	21.8	9.6	14.4#





#91
Benzo(g,h,i)perylene
Concen: 3.91 ng m
RT: 29.66 min Scan# 4565
Delta R.T. 0.01 min
Lab File: BG022470.D
Acq: 21 Jun 2016 17:33

Tgt Ion:276 Resp: 32117

Ion	Ratio	Lower	Upper
276	100		
277	18.6	19.4	29.2#
138	32.8	17.4	26.0#