Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
Data File : BG022436.D
Acq On : 18 Jun 2016 23:18
Operator : UM/SJ
Sample : H3471-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1141-(0-4)

Quant Time: Jun 20 01:26:38 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	8.04	152	36951	20.00	ng		-0.05
21) Naphthalene-d8	10.86	136	189465	20.00	ng		-0.04
38) Acenaphthene-d10	14.68	164	103461	20.00	ng		-0.04
63) Phenanthrene-d10	17.43	188	192153	20.00	ng		-0.04
75) Chrysene-d12	21.69	240	155173	20.00	ng		-0.05
86) Perylene-d12	24.93	264	150609	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	276963	144.92	ng		-0.03
7) Phenol-d6	7.23	99	425452	141.59	ng		-0.02
23) Nitrobenzene-d5	9.22	82	260731	95.94	ng		-0.04
41) 2,4,6-Tribromophenol	16.18	330	106142	90.79	ng		-0.04
44) 2-Fluorobiphenyl	13.30	172	584043	86.03	ng		-0.04
78) Terphenyl-d14	20.02	244	497279	76.08	ng		-0.04
Target Compounds							Qvalue
31) Naphthalene	10.91	128	19453	2.06	ng		96
49) Dimethylphthalate	14.13	163	137687	16.05	ng		98
70) Phenanthrene	17.47	178	39035	3.74	ng		97
71) Anthracene	17.47	178	39035	3.77	ng		95
74) Fluoranthene	19.47	202	143791	11.98	ng		97
77) Pyrene	19.84	202	130637	13.54	ng		97
80) Benzo(a)anthracene	21.67	228	70648	8.12	ng		97
82) Chrysene	21.73	228	86619	10.23	ng		97
85) Indeno(1,2,3-cd)pyrene	28.65	276	38526	4.06	ng	#	76
87) Benzo(b)fluoranthene	23.90	252	115462	13.14	ng	#	95
88) Benzo(k)fluoranthene	23.90	252	115462	13.35	ng	#	96
89) Benzo(a)pyrene	24.78	252	55345	6.59	ng	#	90

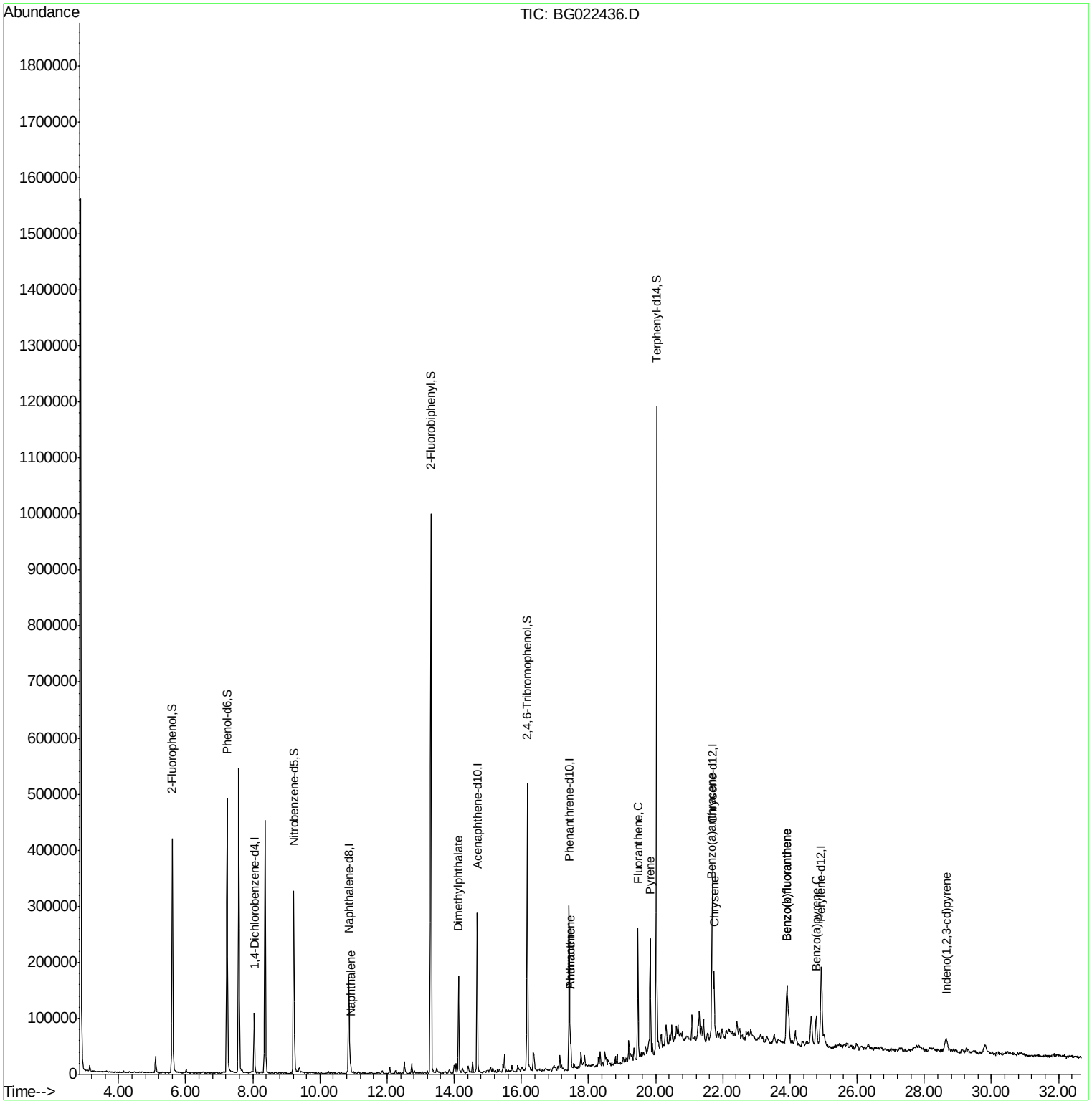
(#) = qualifier out of range (m) = manual integration (+) = signals summed

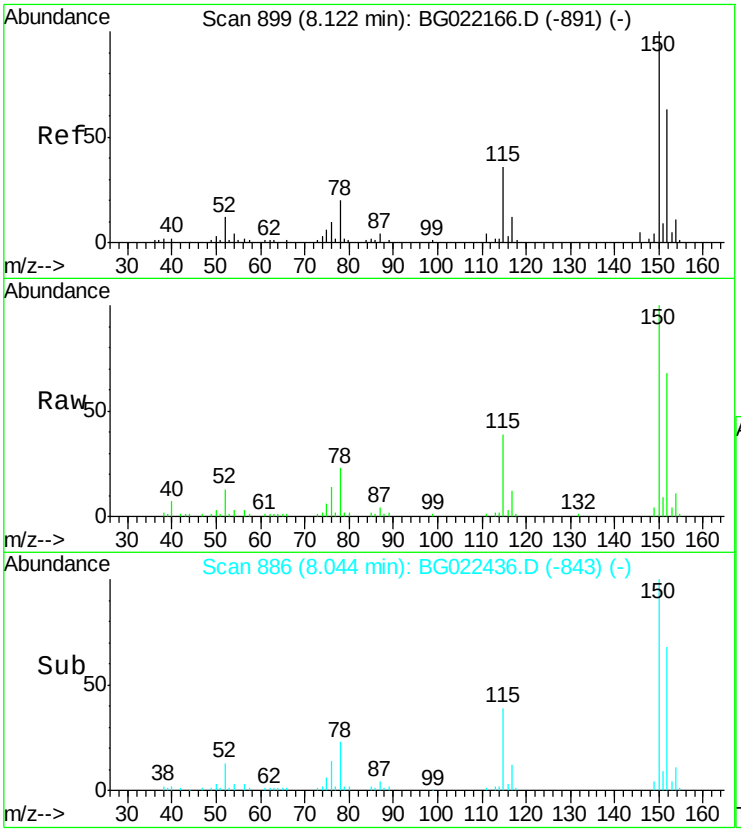
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
Data File : BG022436.D
Acq On : 18 Jun 2016 23:18
Operator : UM/SJ
Sample : H3471-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STA-1141-(0-4)

Quant Time: Jun 20 01:26:38 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



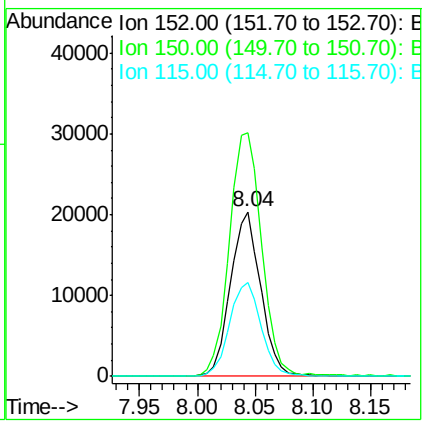


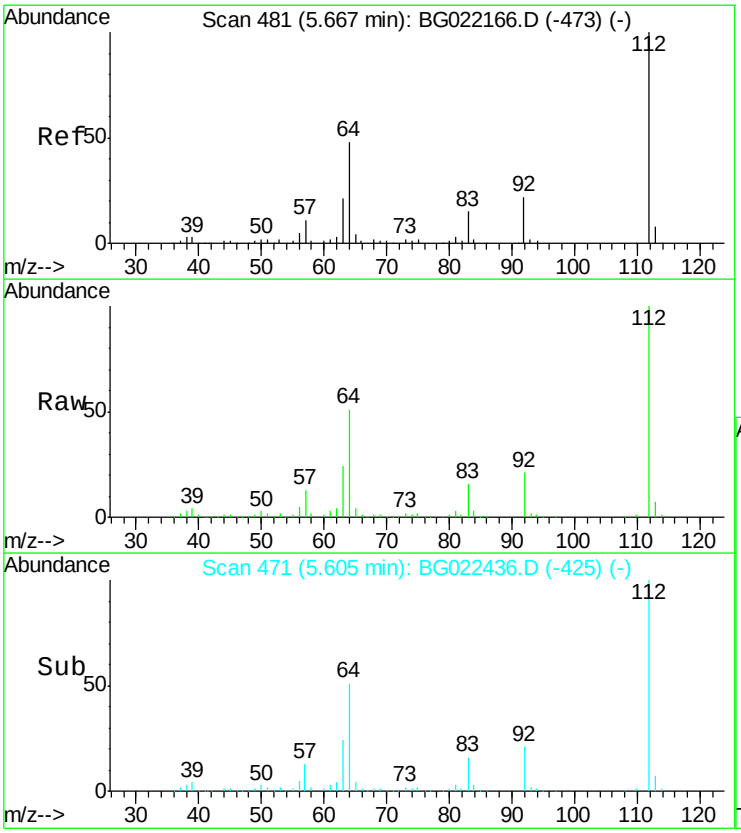
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. -0.05 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Instrument :
BNA_G
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:152 Resp: 36951

Ion	Ratio	Lower	Upper
152	100		
150	147.8	130.1	195.1
115	57.1	62.2	93.2#

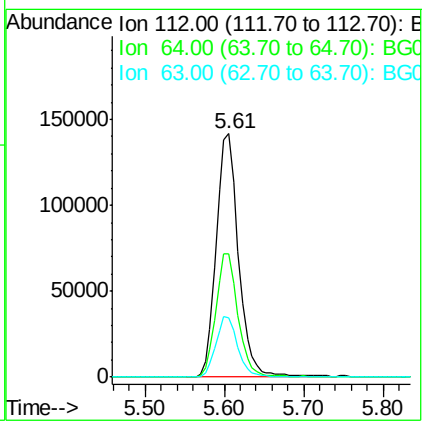


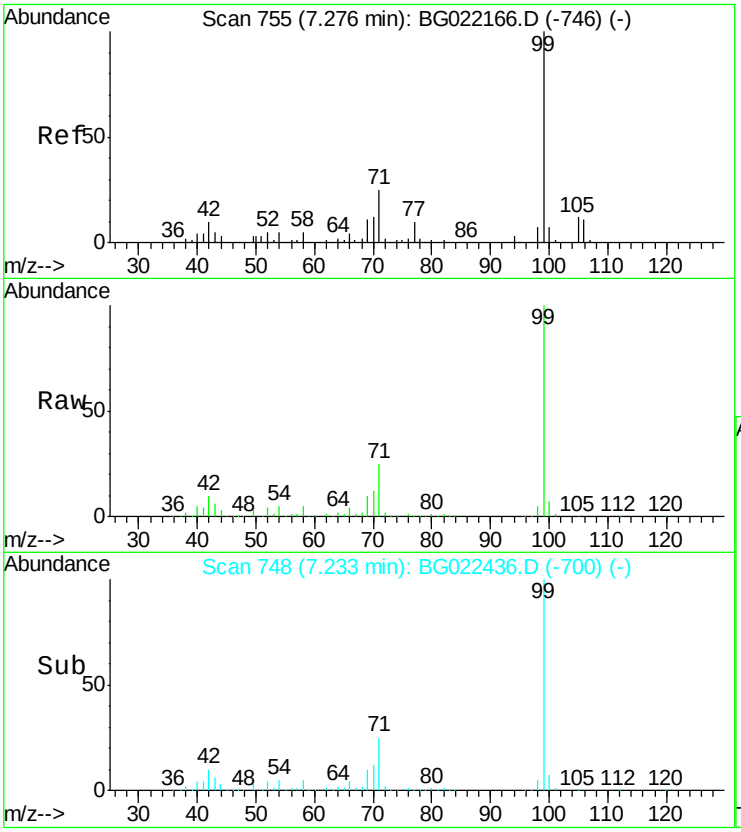


#5
2-Fluorophenol
Concen: 144.92 ng
RT: 5.61 min Scan# 471
Delta R.T. -0.03 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Tgt Ion:112 Resp: 276963

Ion	Ratio	Lower	Upper
112	100		
64	50.9	51.1	76.7#
63	24.5	24.6	37.0#



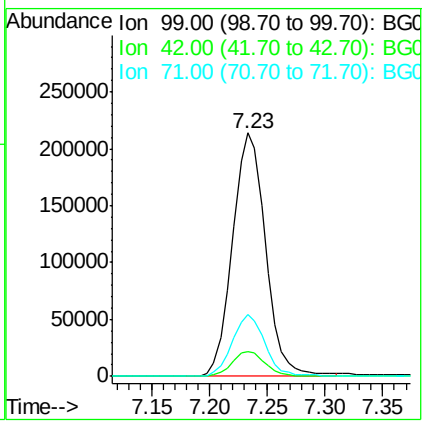


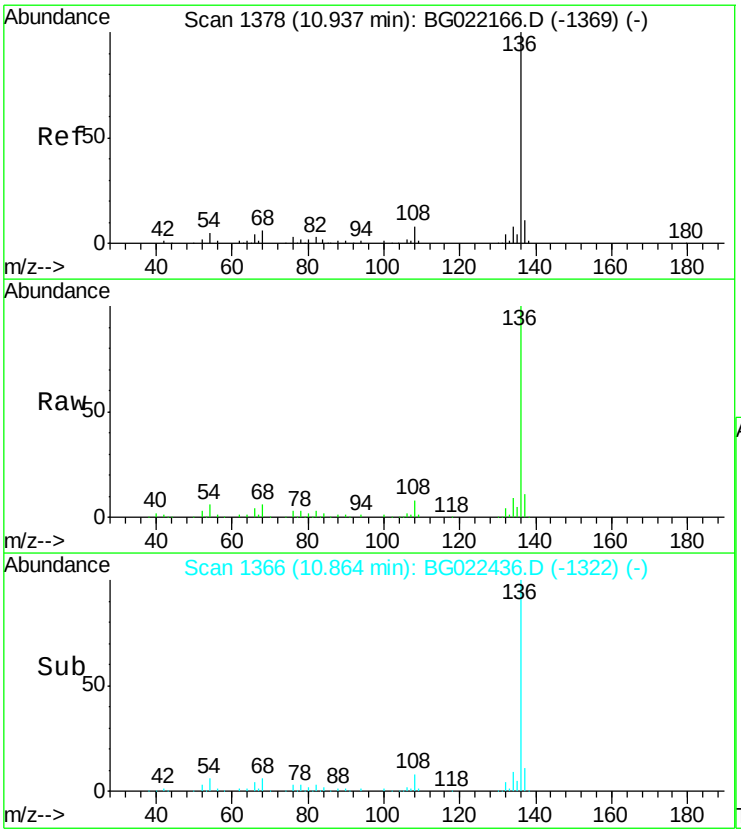
#7
Phenol-d6
Concen: 141.59 ng
RT: 7.23 min Scan# 748
Delta R.T. -0.02 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Instrument :
BNA_G
ClientSampleId :
STA-1141-(0-4)

Tgt Ion: 99 Resp: 425452

Ion	Ratio	Lower	Upper
99	100		
42	10.0	16.4	24.6#
71	25.3	25.0	37.4

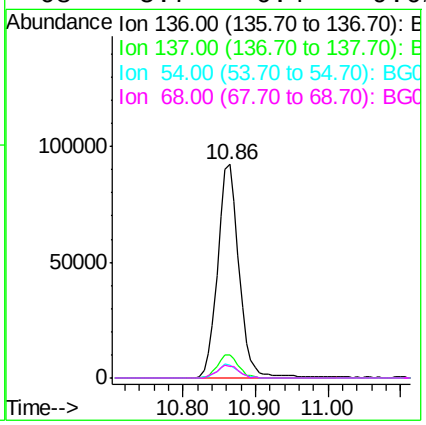


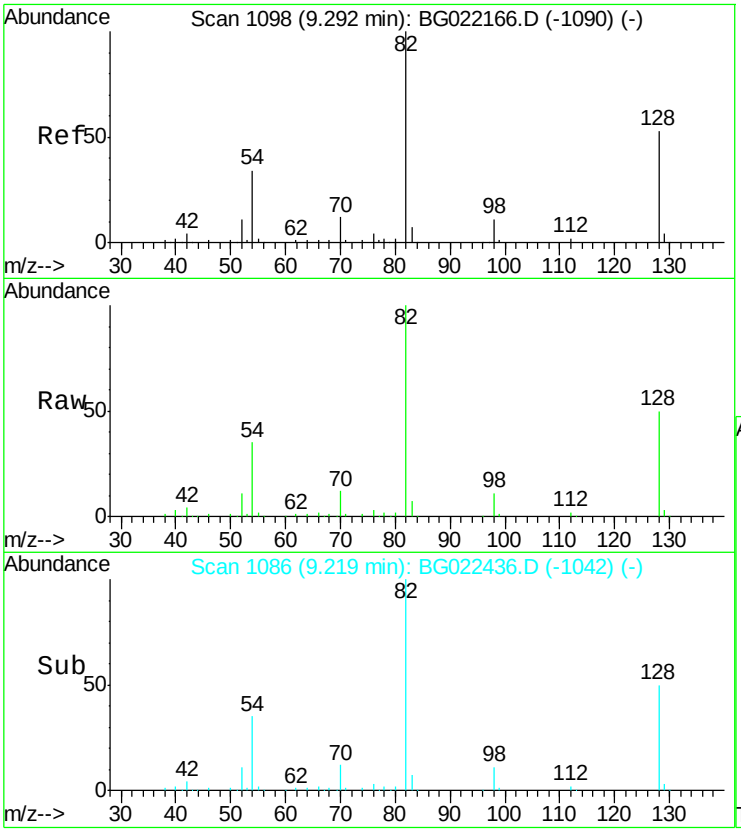


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1366
Delta R.T. -0.04 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Tgt Ion:136 Resp: 189465

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.3	9.6	14.4#
68	5.7	6.4	9.6#



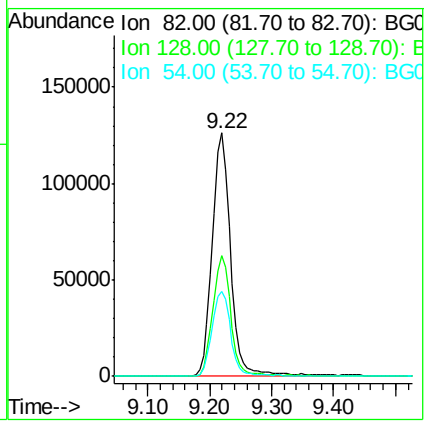


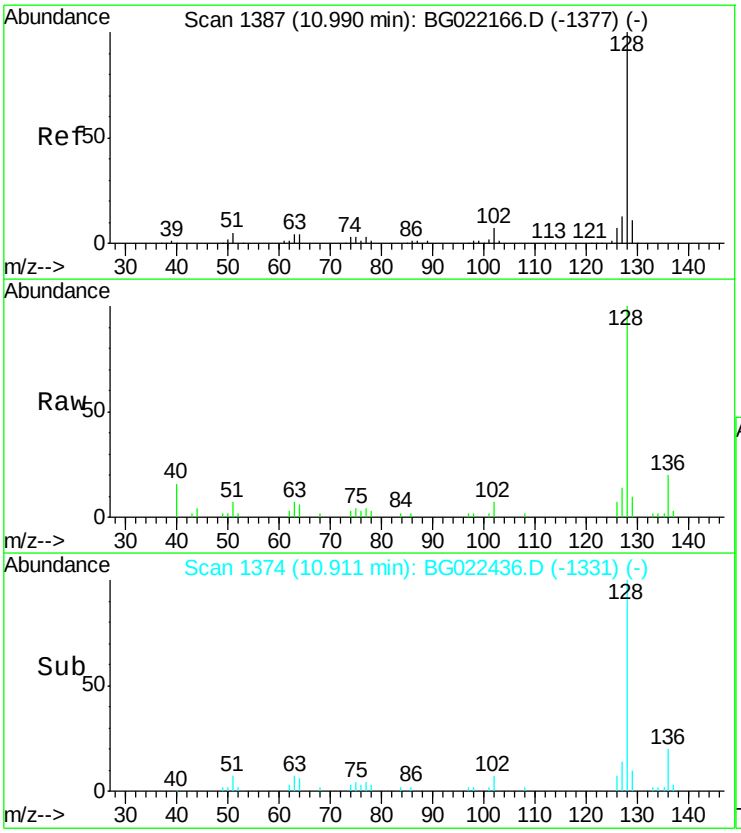
#23
Nitrobenzene-d5
Concen: 95.94 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.04 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Instrument :
BNA_G
ClientSampleId :
STA-1141-(0-4)

Tgt Ion: 82 Resp: 260731

Ion	Ratio	Lower	Upper
82	100		
128	49.8	33.4	50.0
54	34.6	46.1	69.1#

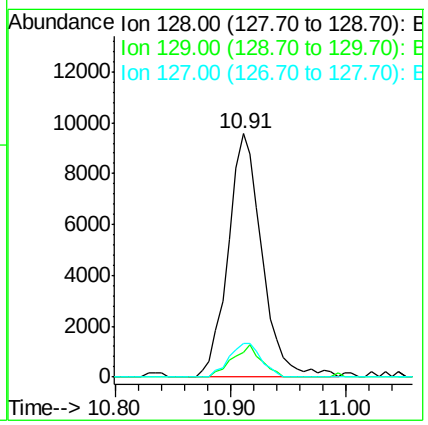


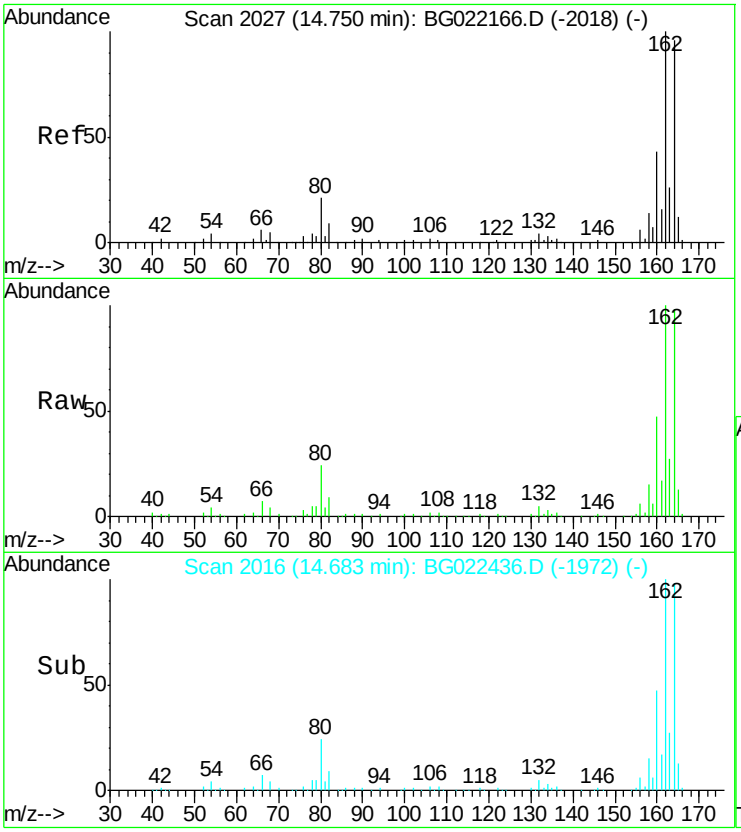


#31
Naphthalene
Concen: 2.06 ng
RT: 10.91 min Scan# 1374
Delta R.T. -0.05 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Tgt Ion:128 Resp: 19453

Ion	Ratio	Lower	Upper
128	100		
129	10.4	7.0	10.6
127	13.8	10.1	15.1



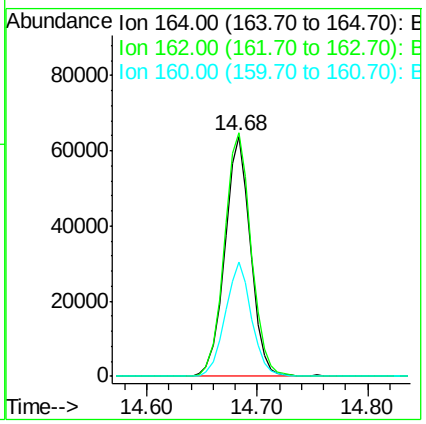


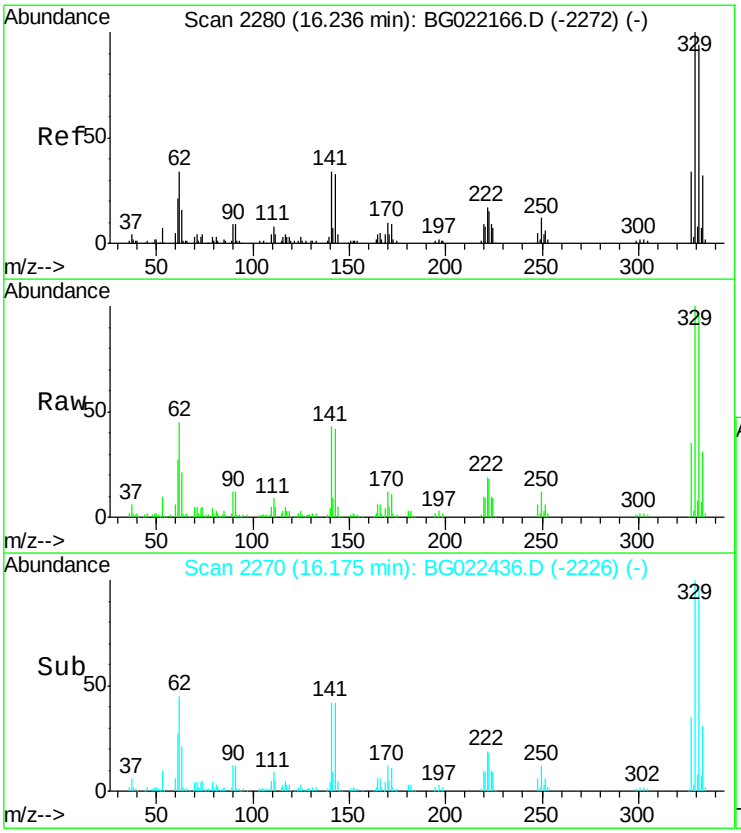
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Instrument :
BNA_G
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:164 Resp: 103461

Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.0	117.0
160	47.4	32.9	49.3

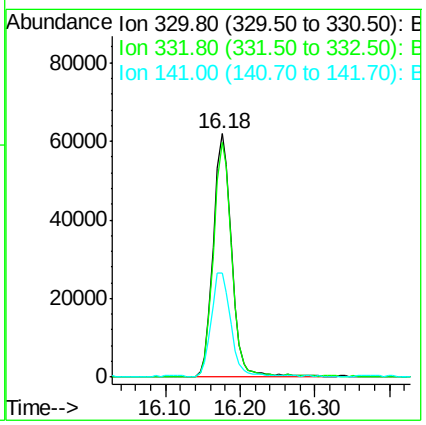


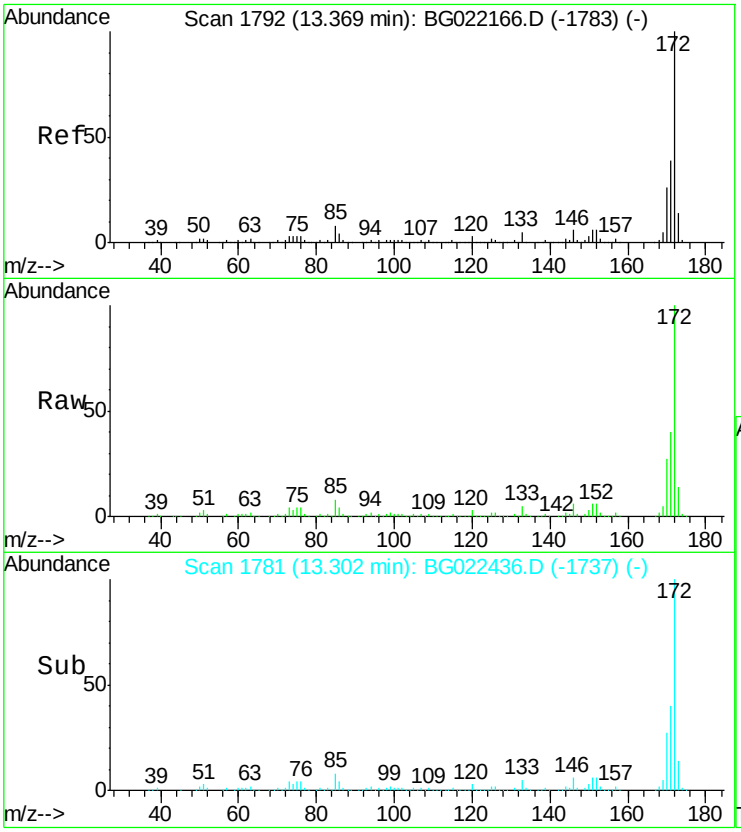


#41
2,4,6-Tribromophenol
Concen: 90.79 ng
RT: 16.18 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Tgt Ion:330 Resp: 106142

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.0	117.0
141	44.5	33.8	50.8



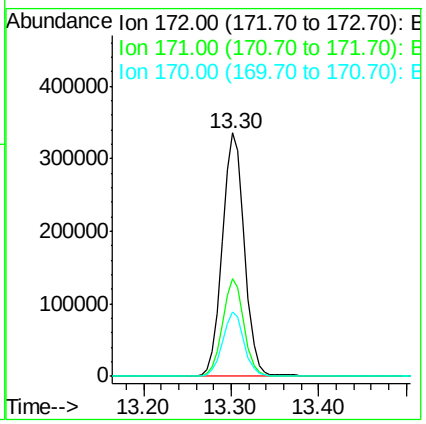


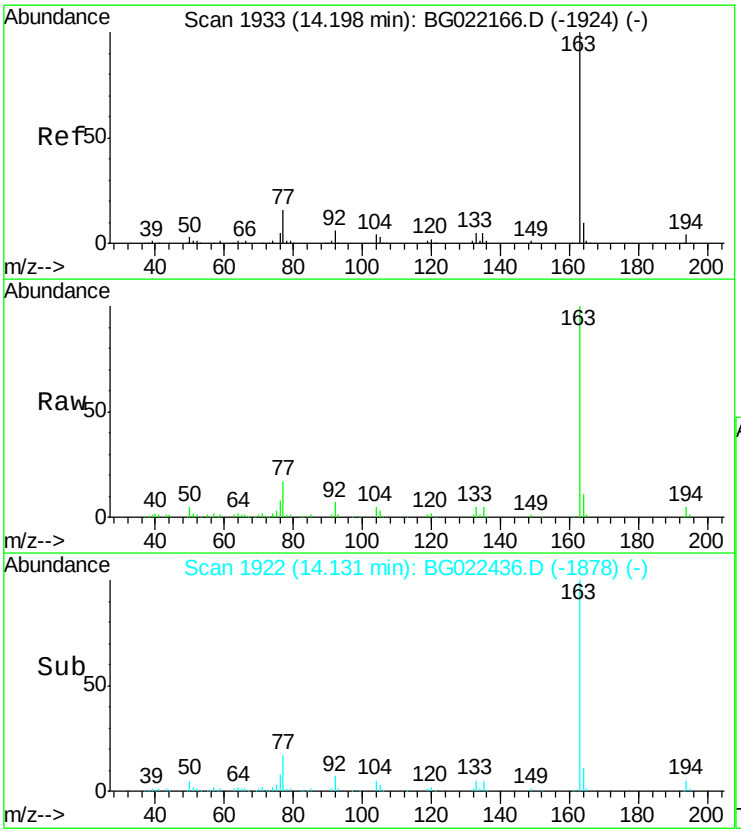
#44
2-Fluorobiphenyl
Concen: 86.03 ng
RT: 13.30 min Scan# 1781
Delta R.T. -0.04 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Instrument :
BNA_G
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:172 Resp: 584043

Ion	Ratio	Lower	Upper
172	100		
171	40.4	27.8	41.6
170	26.7	19.6	29.4

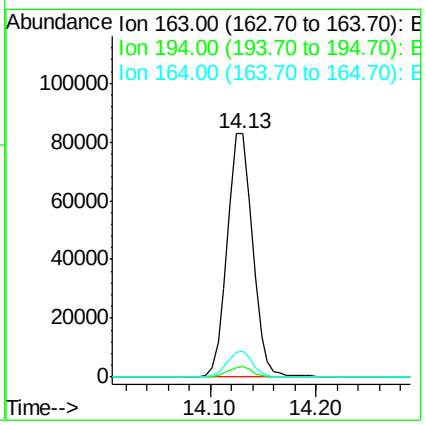


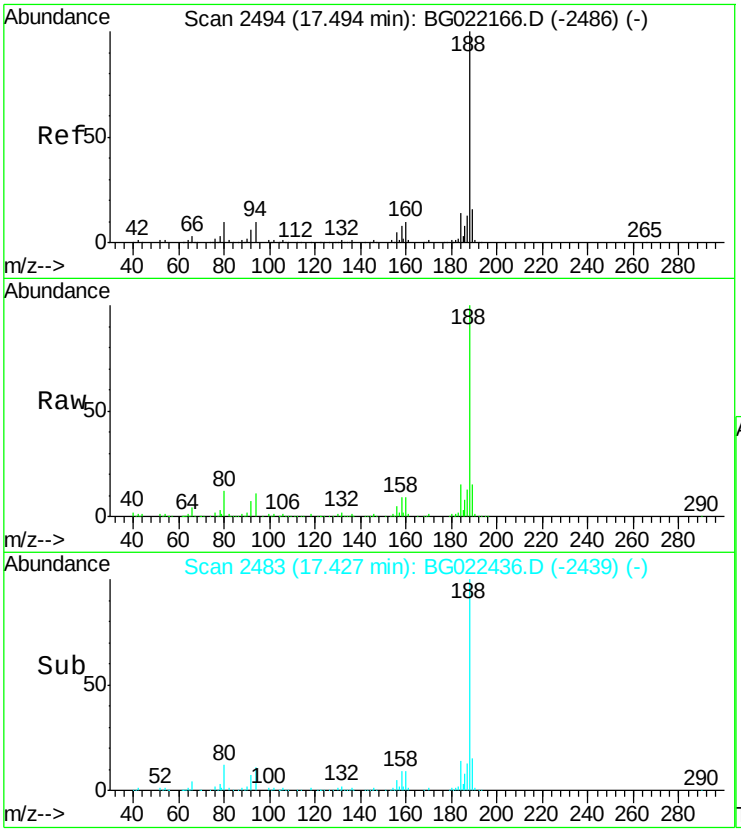


#49
Dimethylphthalate
Concen: 16.05 ng
RT: 14.13 min Scan# 1922
Delta R.T. -0.04 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Tgt Ion:163 Resp: 137687

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.6
164	10.7	8.1	12.1



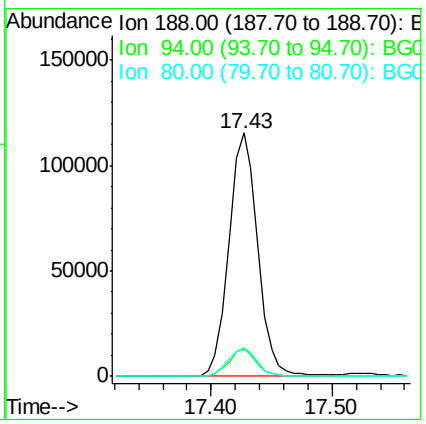


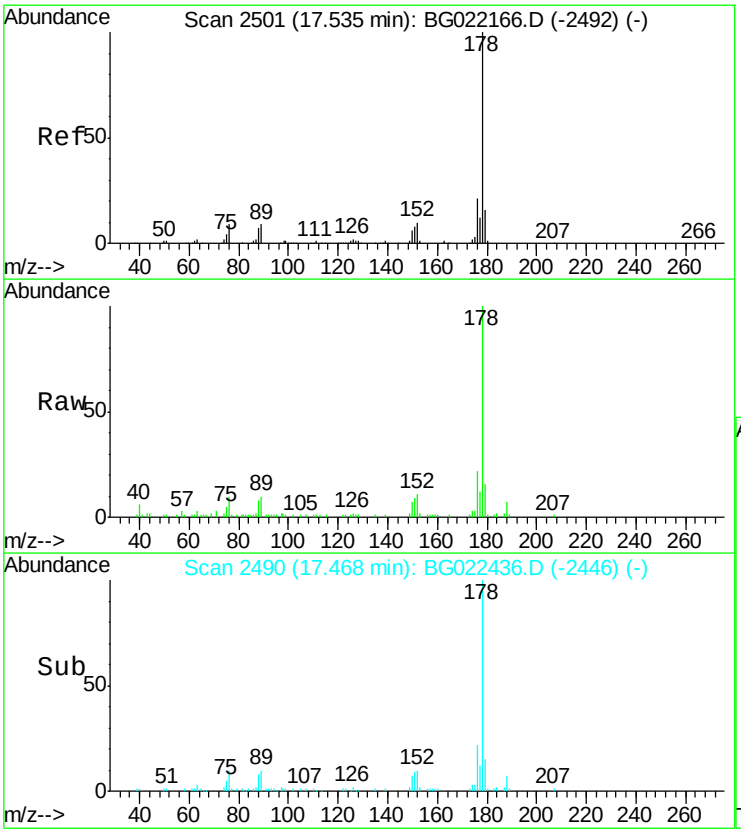
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2483
Delta R.T. -0.04 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Instrument :
BNA_G
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:188 Resp: 192153

Ion	Ratio	Lower	Upper
188	100		
94	11.1	7.5	11.3
80	11.6	8.6	13.0

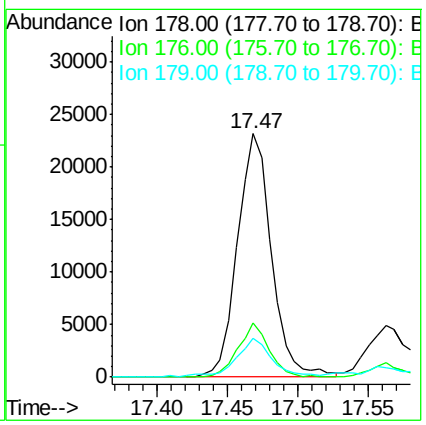


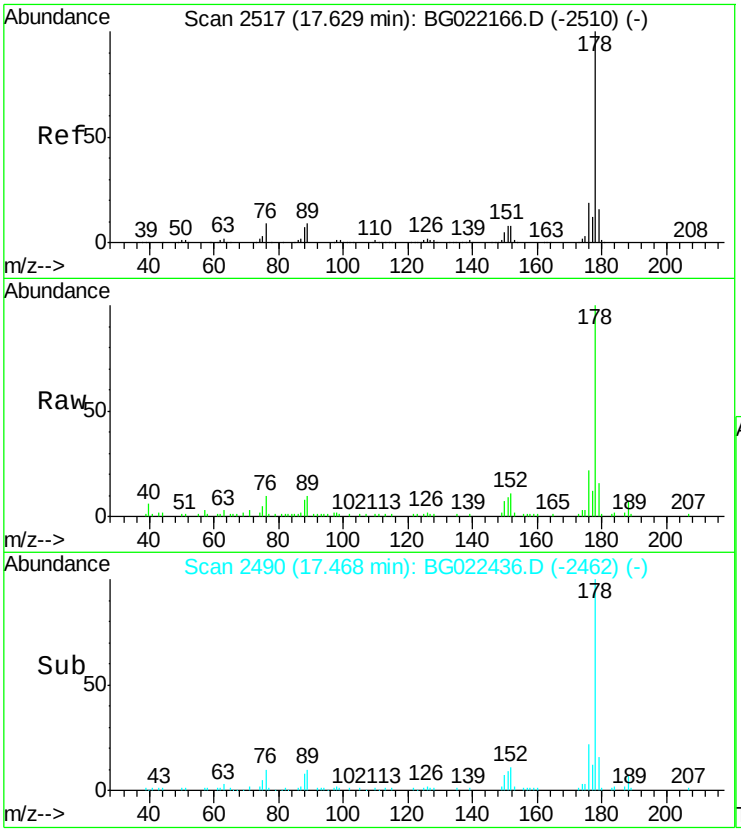


#70
Phenanthrene
Concen: 3.74 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.04 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Tgt Ion:178 Resp: 39035

Ion	Ratio	Lower	Upper
178	100		
176	22.1	16.2	24.4
179	16.1	12.0	18.0



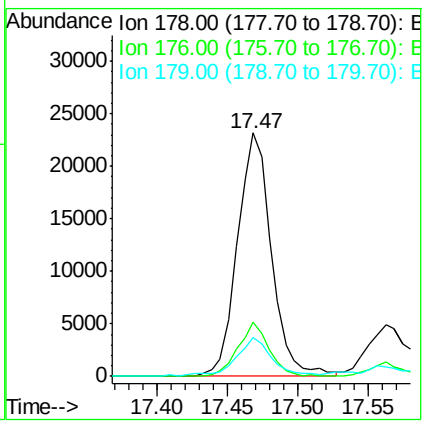


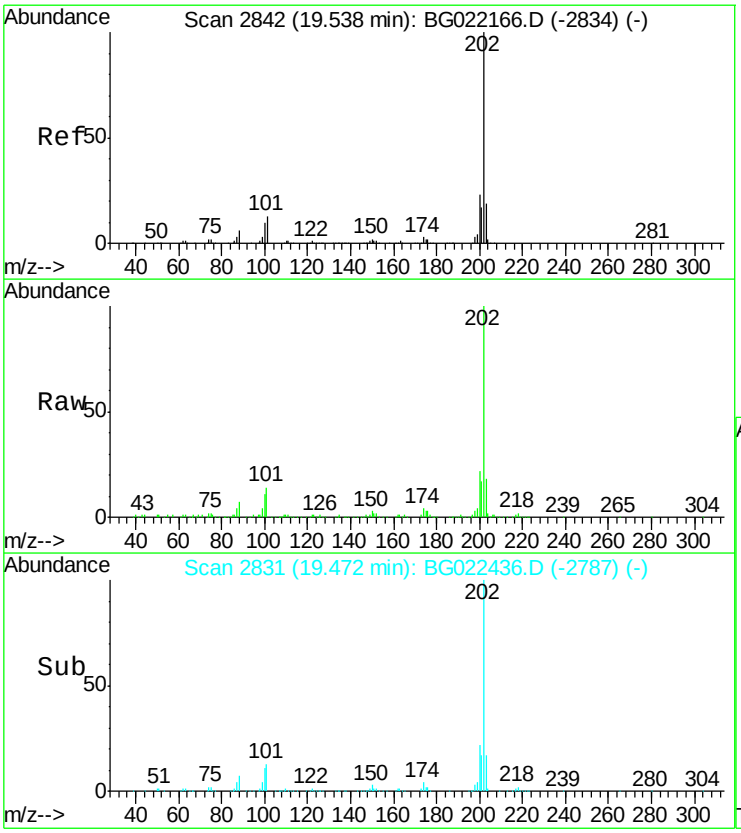
#71
Anthracene
Concen: 3.77 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.14 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Instrument :
BNA_G
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:178 Resp: 39035

Ion	Ratio	Lower	Upper
178	100		
176	22.1	15.0	22.4
179	16.1	12.2	18.4

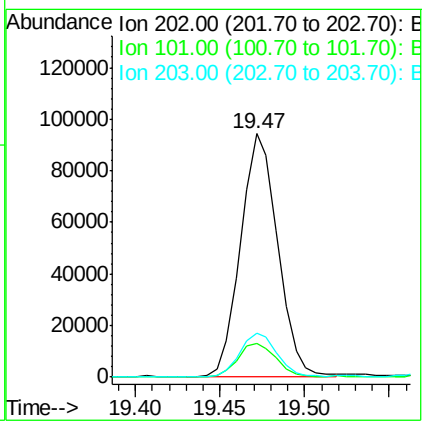


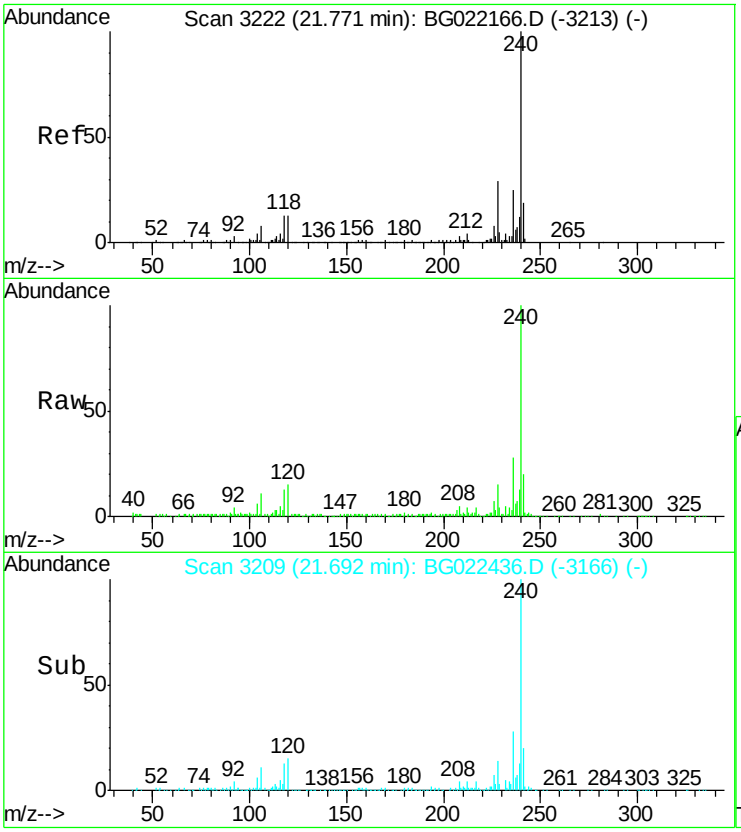


#74
Fluoranthene
Concen: 11.98 ng
RT: 19.47 min Scan# 2831
Delta R.T. -0.04 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Tgt Ion:202 Resp: 143791

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	31.0
203	17.8	0.0	37.9



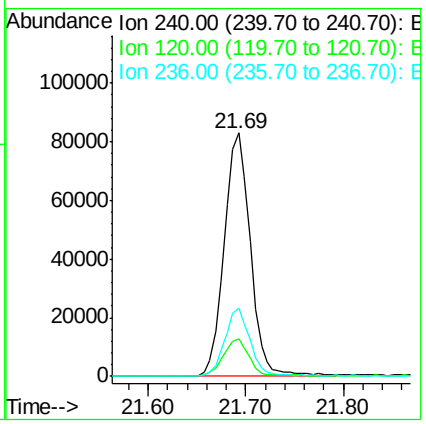


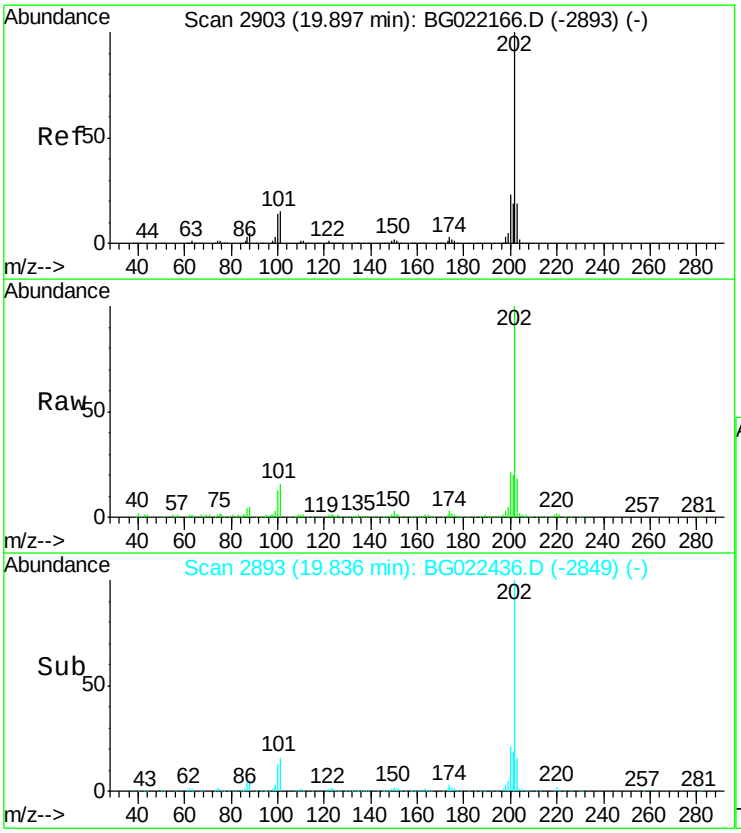
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.69 min Scan# 3209
Delta R.T. -0.05 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Instrument :
BNA_G
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:240 Resp: 155173

Ion	Ratio	Lower	Upper
240	100		
120	15.5	8.4	12.6#
236	27.8	19.6	29.4

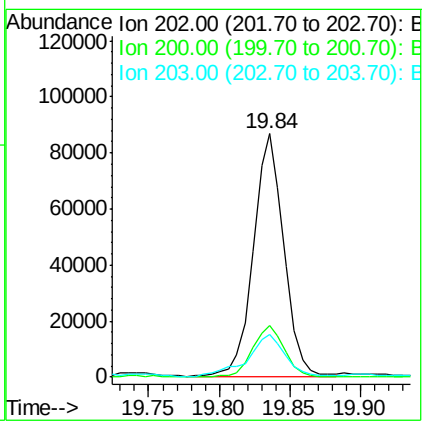


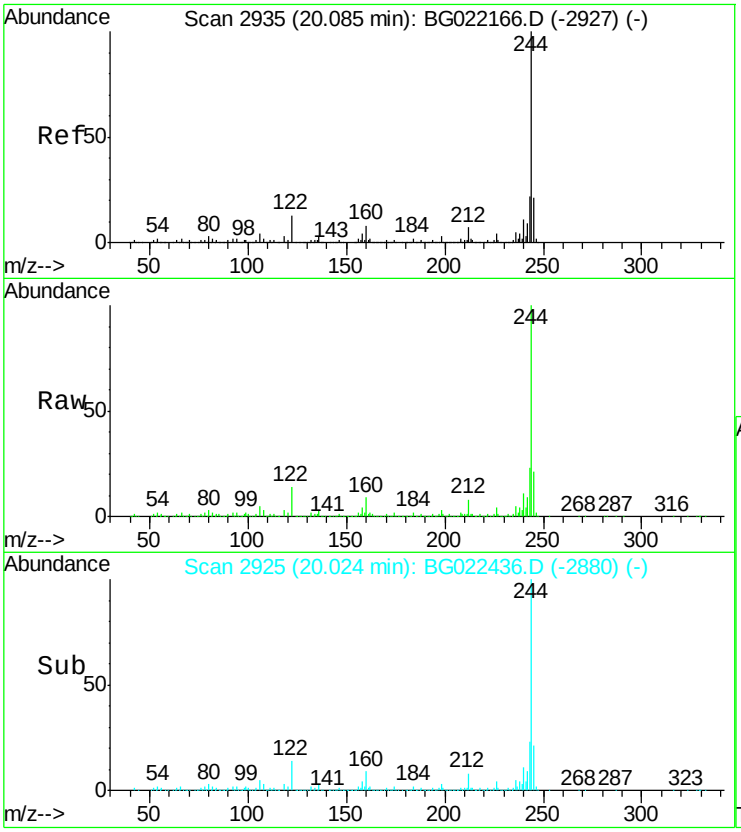


#77
Pyrene
Concen: 13.54 ng
RT: 19.84 min Scan# 2893
Delta R.T. -0.04 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Tgt Ion:202 Resp: 130637

Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.2	27.2
203	17.7	15.0	22.4



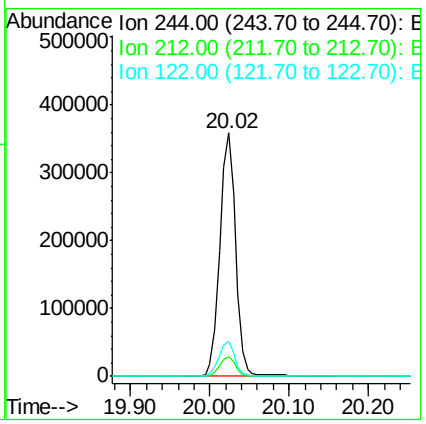


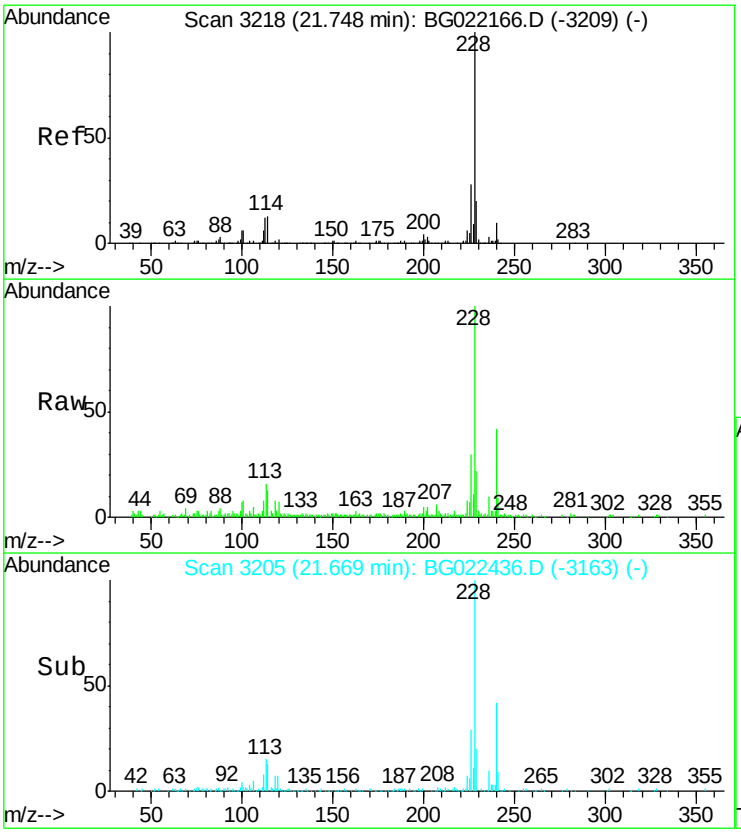
#78
Terphenyl-d14
Concen: 76.08 ng
RT: 20.02 min Scan# 2925
Delta R.T. -0.04 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Instrument :
BNA_G
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:244 Resp: 497279

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	14.2	8.6	12.8#

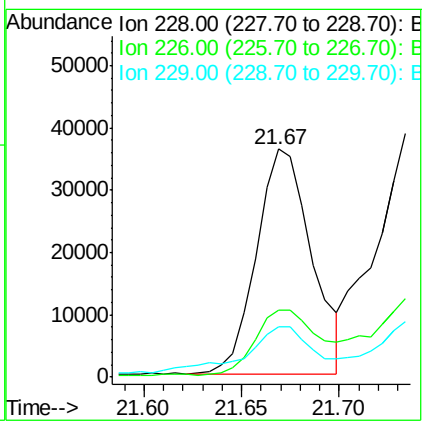


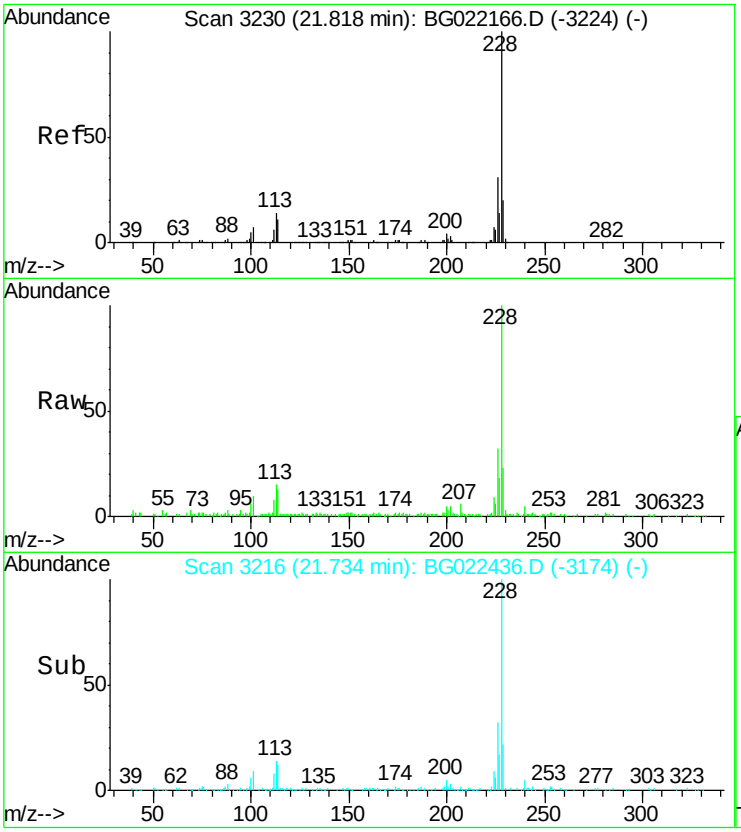


#80
Benzo(a)anthracene
Concen: 8.12 ng
RT: 21.67 min Scan# 3205
Delta R.T. -0.05 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Tgt Ion:228 Resp: 70648

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	34.0
229	21.9	16.1	24.1



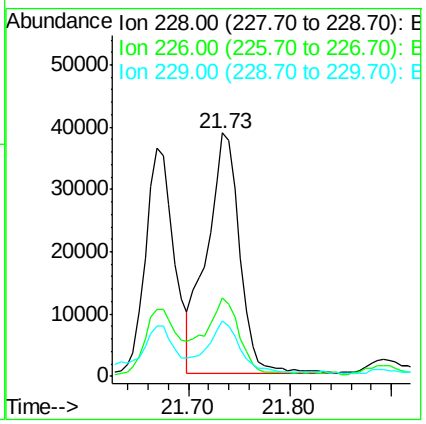


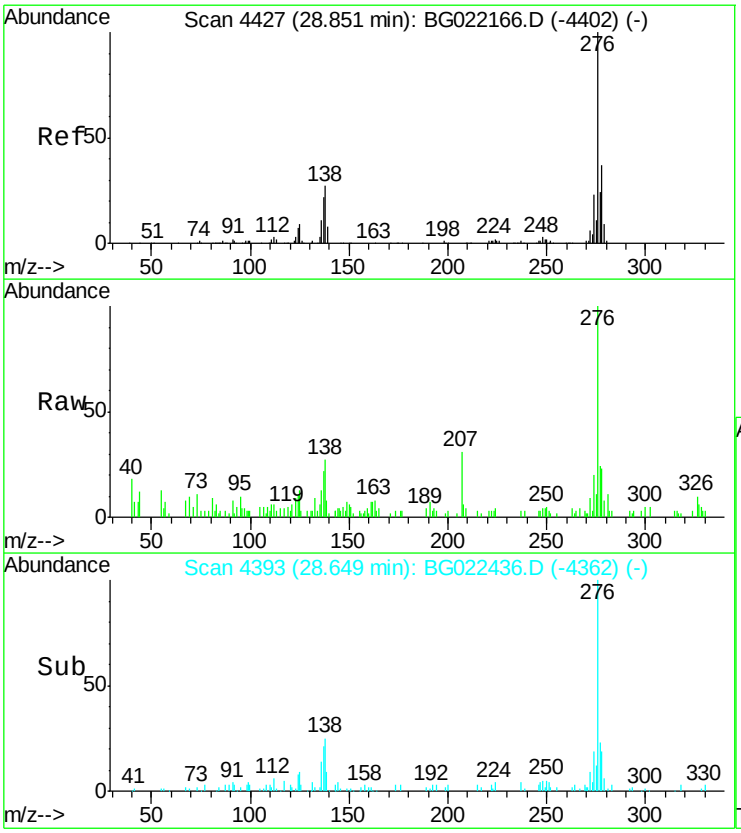
#82
Chrysene
Concen: 10.23 ng
RT: 21.73 min Scan# 3216
Delta R.T. -0.05 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Instrument :
BNA_G
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:228 Resp: 86619

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.4	38.0
229	22.9	15.9	23.9

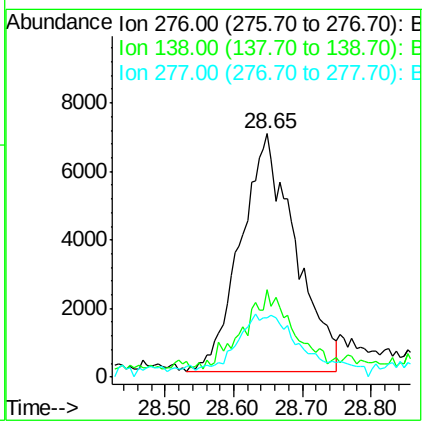


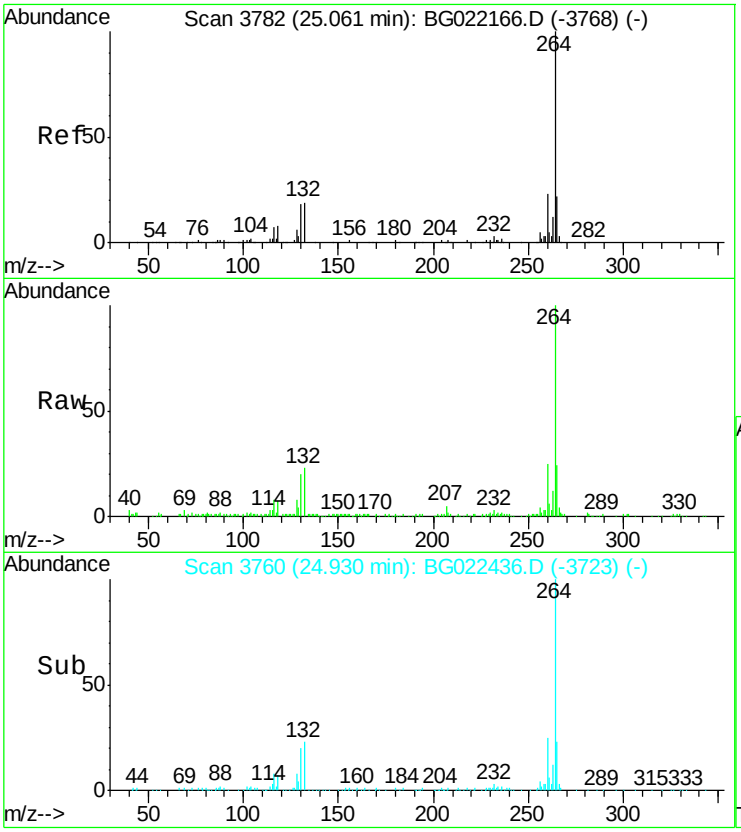


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.06 ng
RT: 28.65 min Scan# 4393
Delta R.T. -0.12 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Tgt Ion:276 Resp: 38526

Ion	Ratio	Lower	Upper
276	100		
138	13.0	14.0	21.0#
277	8.6	20.6	30.8#



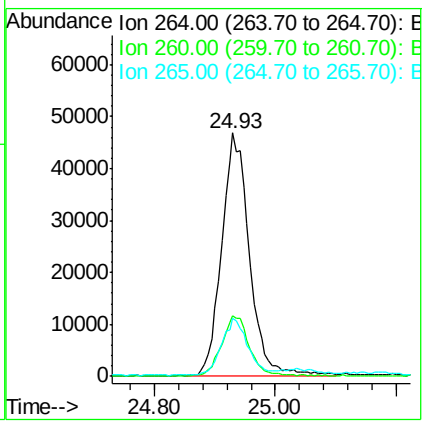


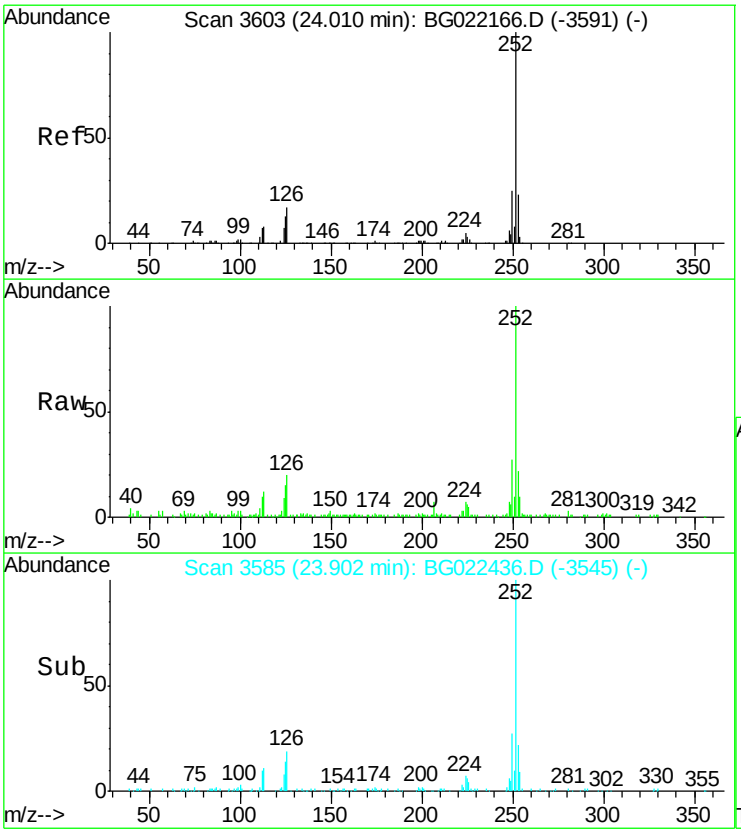
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.93 min Scan# 3760
Delta R.T. -0.08 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Instrument :
BNA_G
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:264 Resp: 150609

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.4
265	23.7	17.8	26.8

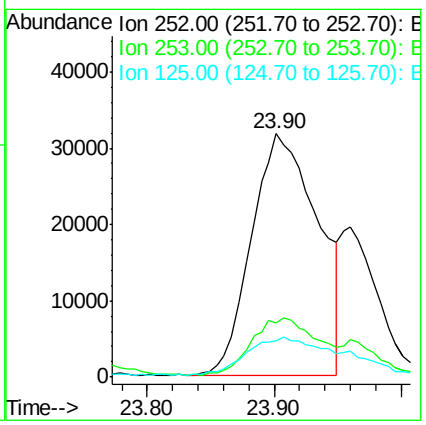


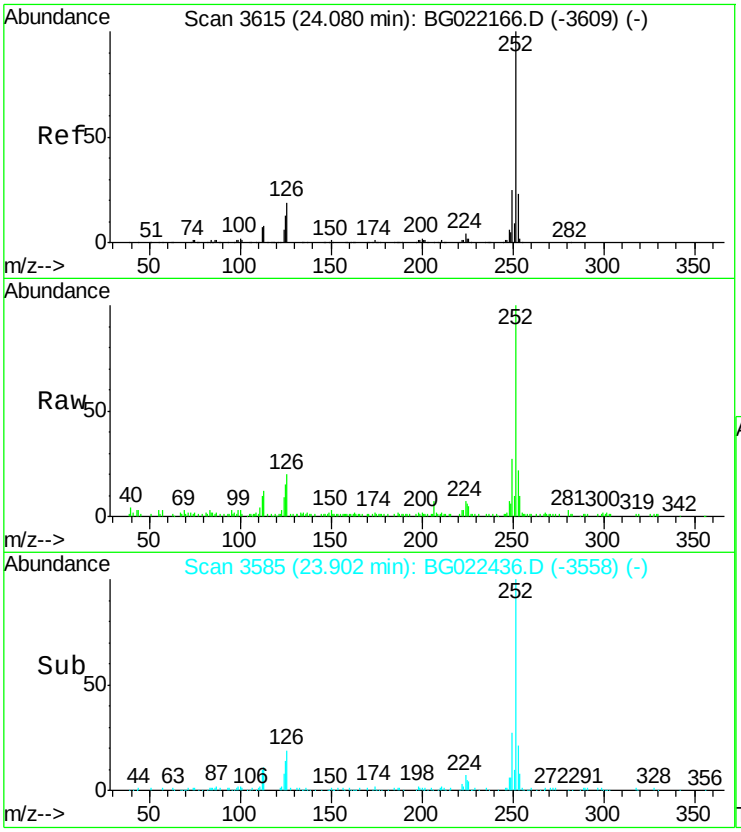


#87
Benzo(b)fluoranthene
Concen: 13.14 ng
RT: 23.90 min Scan# 3585
Delta R.T. -0.06 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Tgt Ion:252 Resp: 115462

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	15.1	8.6	13.0#



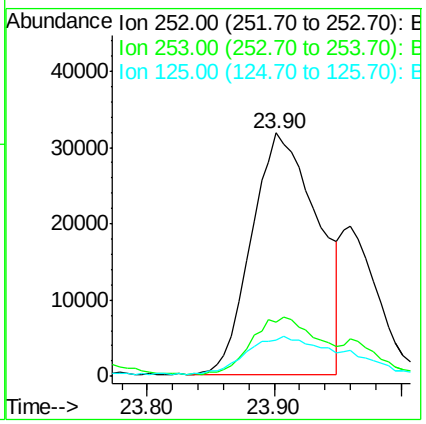


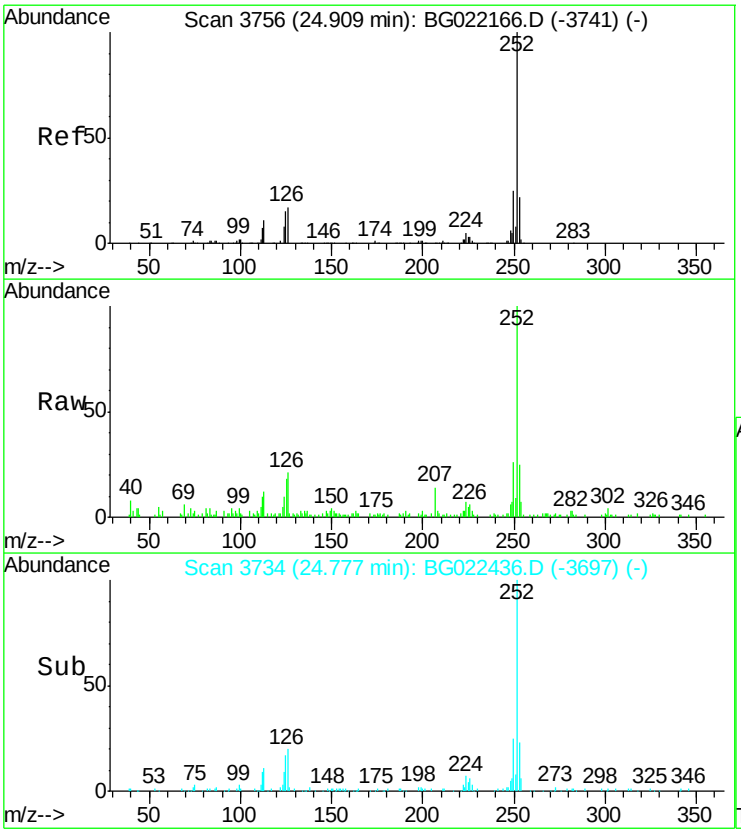
#88
Benzo(k)fluoranthene
Concen: 13.35 ng
RT: 23.90 min Scan# 3585
Delta R.T. -0.14 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Instrument :
BNA_G
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:252 Resp: 115462

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	15.1	8.3	12.5#





#89
Benzo(a)pyrene
Concen: 6.59 ng
RT: 24.78 min Scan# 3734
Delta R.T. -0.08 min
Lab File: BG022436.D
Acq: 18 Jun 2016 23:18

Tgt Ion:252 Resp: 55345

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	18.3	9.6	14.4#