Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
Data File : BG022378.D
Acq On : 16 Jun 2016 22:58
Operator : UM/SJ
Sample : H3569-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-06-COMP

Quant Time: Jun 17 03:44:12 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	22622	20.00	ng		-0.04
21) Naphthalene-d8	10.88	136	115155	20.00	ng		-0.03
38) Acenaphthene-d10	14.69	164	72075	20.00	ng		-0.03
63) Phenanthrene-d10	17.44	188	150870	20.00	ng		-0.03
75) Chrysene-d12	21.71	240	131236	20.00	ng		-0.03
86) Perylene-d12	24.97	264	123281	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	185871	158.86	ng		-0.01
7) Phenol-d6	7.25	99	271751	147.72	ng		0.00
23) Nitrobenzene-d5	9.23	82	154585	93.59	ng		-0.03
41) 2,4,6-Tribromophenol	16.19	330	87066	106.91	ng		-0.03
44) 2-Fluorobiphenyl	13.32	172	394006	83.31	ng		-0.03
78) Terphenyl-d14	20.03	244	455453	82.39	ng		-0.03
Target Compounds							Qvalue
49) Dimethylphthalate	14.14	163	115219	19.28	ng		100
70) Phenanthrene	17.48	178	29803	3.64	ng	#	96
74) Fluoranthene	19.49	202	39859	4.23	ng		98
77) Pyrene	19.85	202	55190	6.76	ng		99
80) Benzo(a)anthracene	21.68	228	21648	2.94	ng		97
82) Chrysene	21.75	228	23602	3.30	ng		96
87) Benzo(b)fluoranthene	23.93	252	21332	2.97	ng	#	91
89) Benzo(a)pyrene	24.81	252	17977	2.61	ng	#	91

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
Data File : BG022378.D
Acq On : 16 Jun 2016 22:58
Operator : UM/SJ
Sample : H3569-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
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SB-06-COMP

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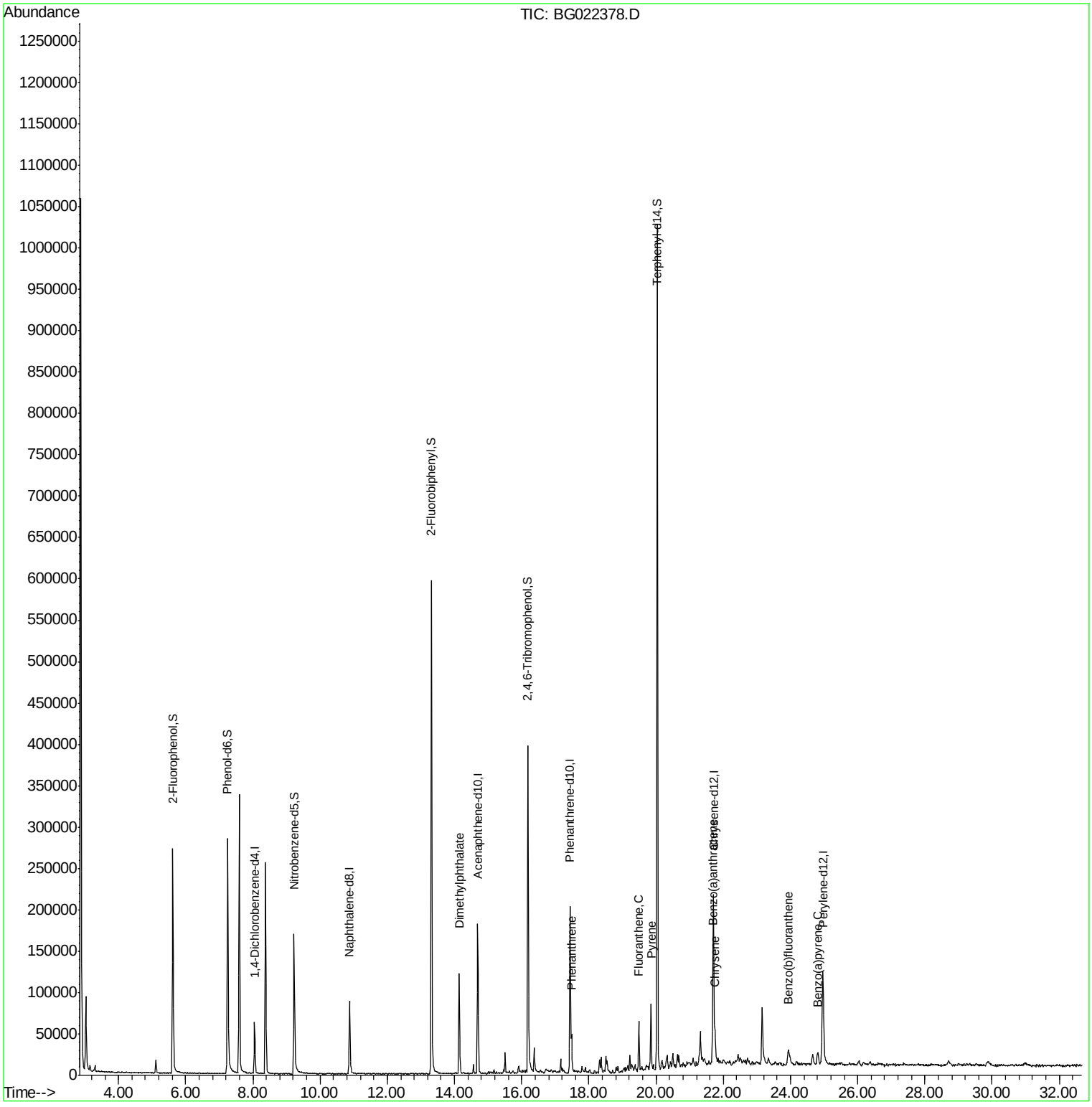
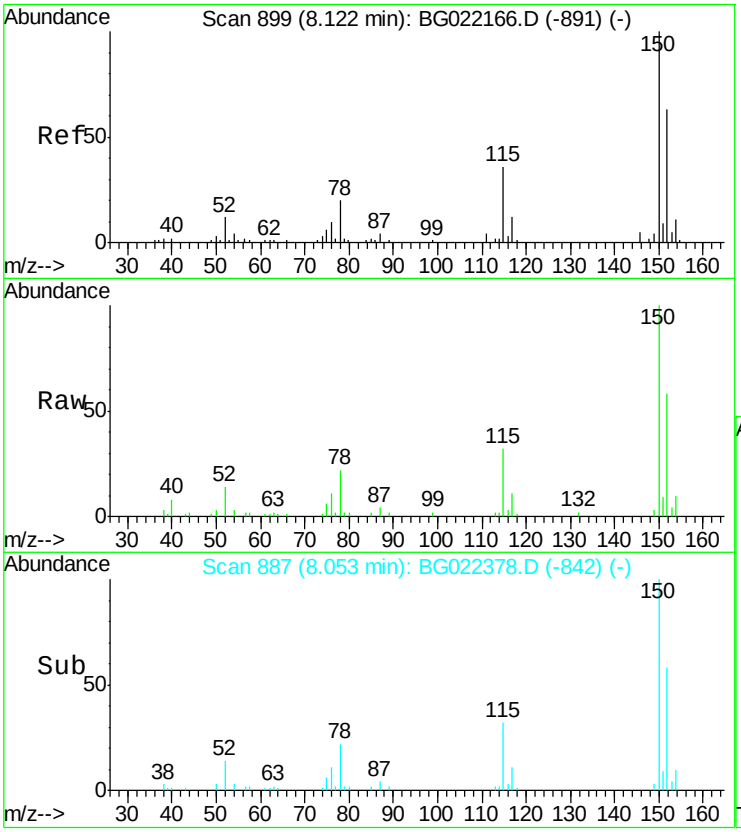


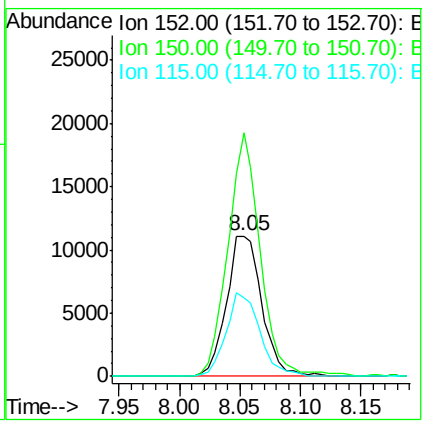


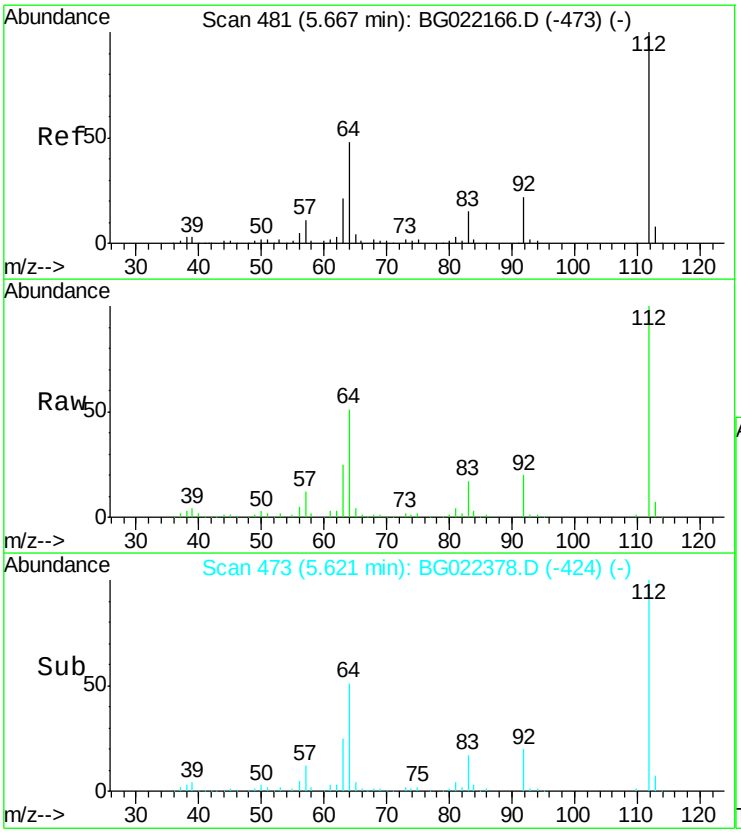
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.04 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

Tgt Ion:152 Resp: 22622

Ion	Ratio	Lower	Upper
152	100		
150	173.4	130.1	195.1
115	56.1	62.2	93.2#

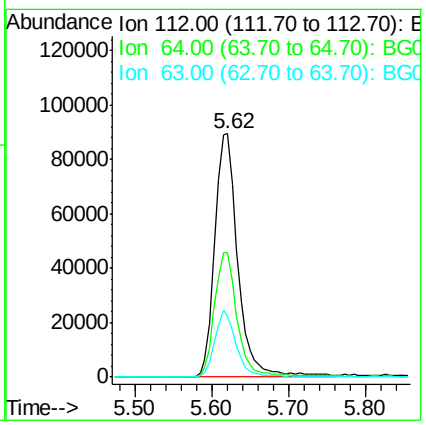


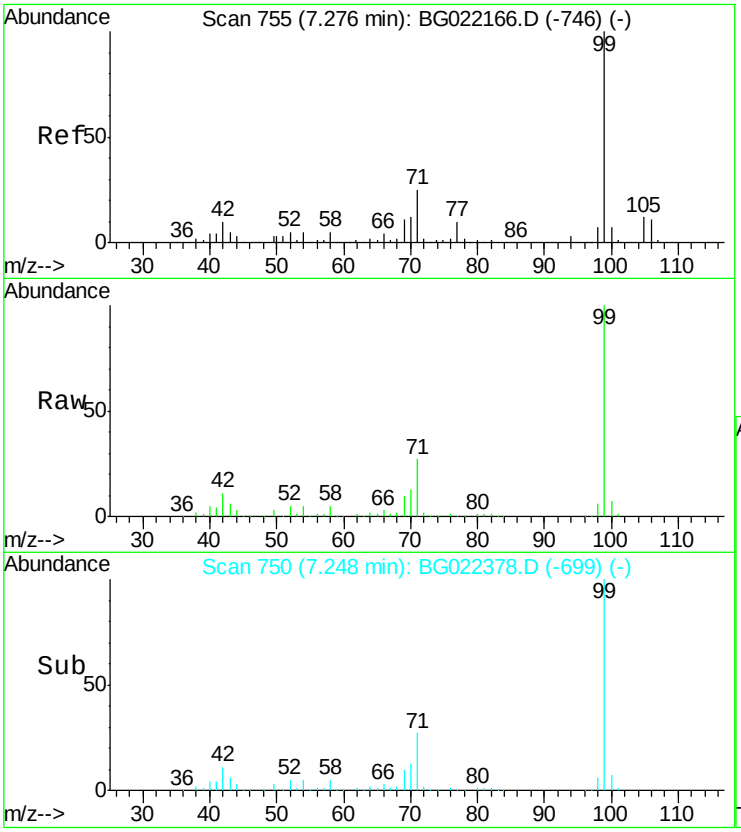


#5
2-Fluorophenol
Concen: 158.86 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.01 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Tgt Ion:112 Resp: 185871

Ion	Ratio	Lower	Upper
112	100		
64	51.0	51.1	76.7#
63	24.9	24.6	37.0



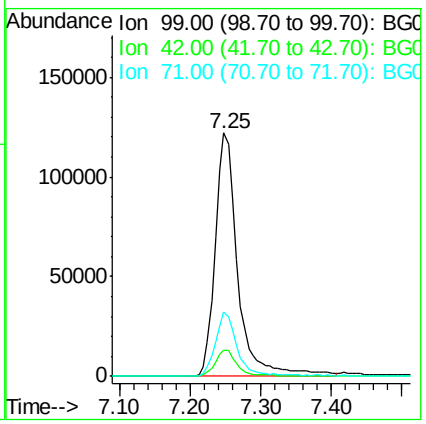


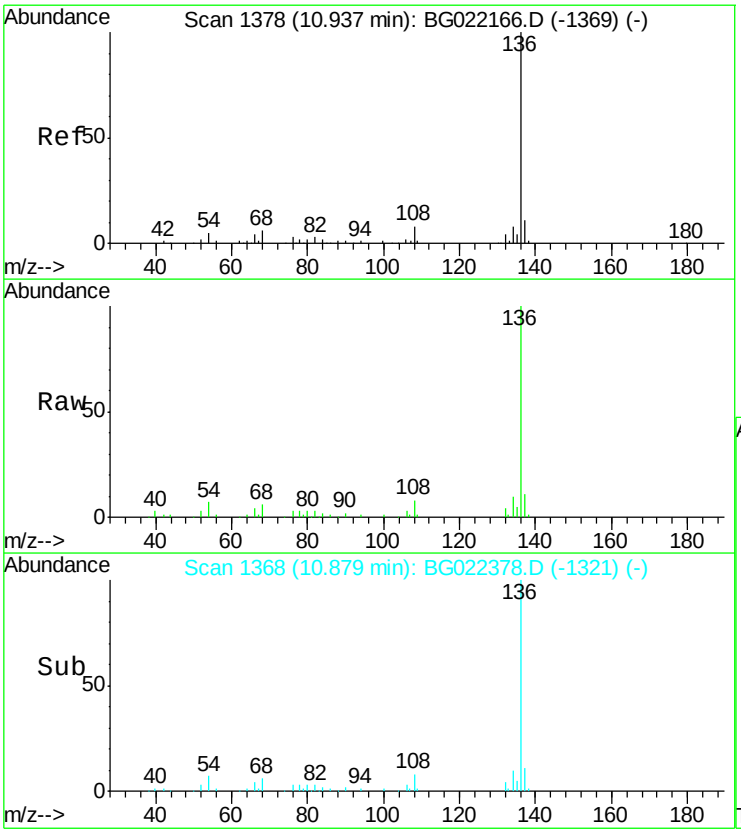
#7
Phenol-d6
Concen: 147.72 ng
RT: 7.25 min Scan# 750
Delta R.T. -0.00 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

Tgt Ion: 99 Resp: 271751

Ion	Ratio	Lower	Upper
99	100		
42	10.7	16.4	24.6#
71	26.6	25.0	37.4

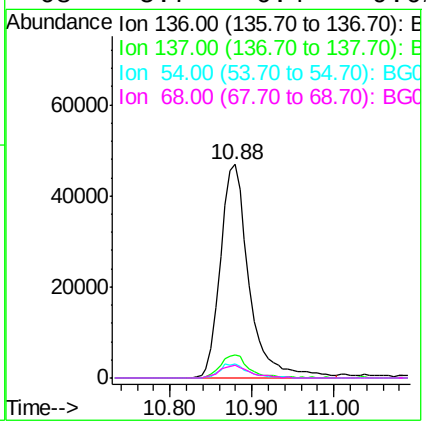


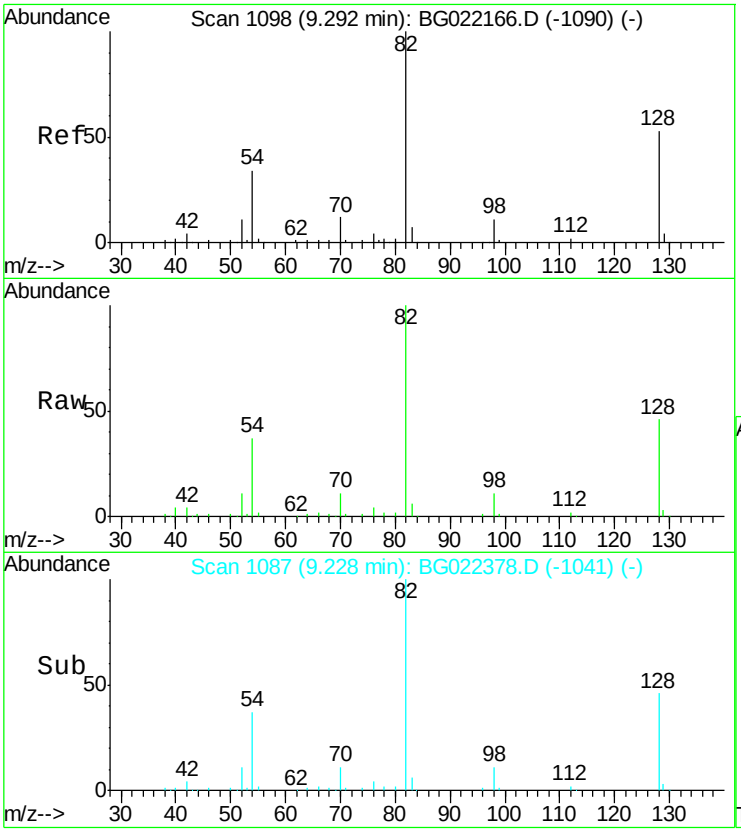


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Tgt Ion:136 Resp: 115155

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.5	9.6	14.4#
68	5.7	6.4	9.6#



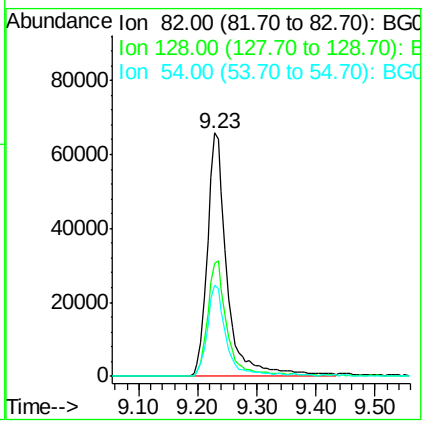


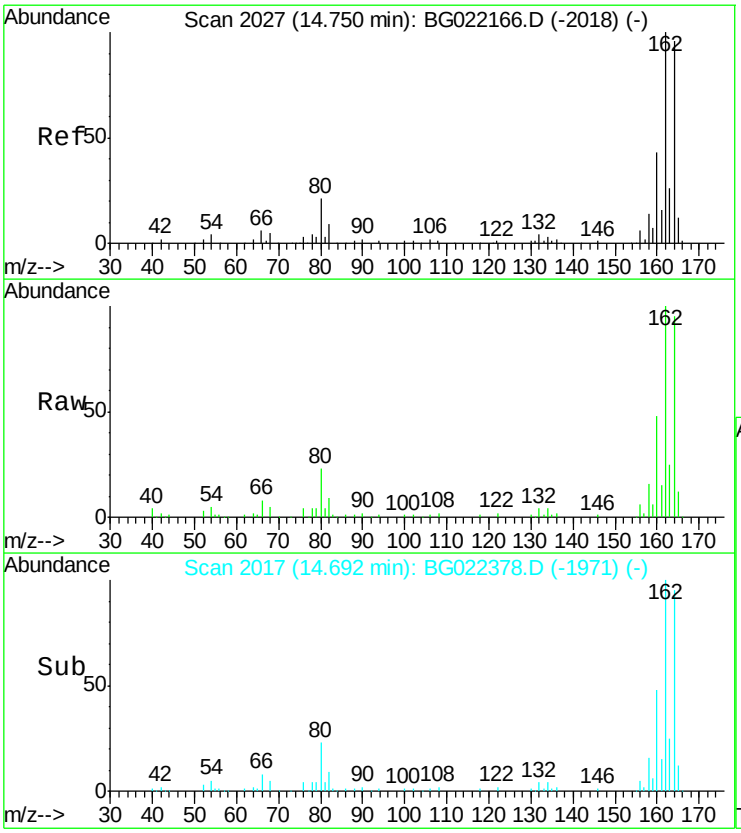
#23
Nitrobenzene-d5
Concen: 93.59 ng
RT: 9.23 min Scan# 1087
Delta R.T. -0.03 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

Tgt Ion: 82 Resp: 154585

Ion	Ratio	Lower	Upper
82	100		
128	46.4	33.4	50.0
54	37.3	46.1	69.1#

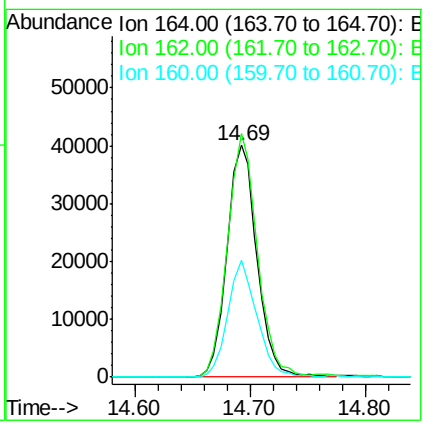


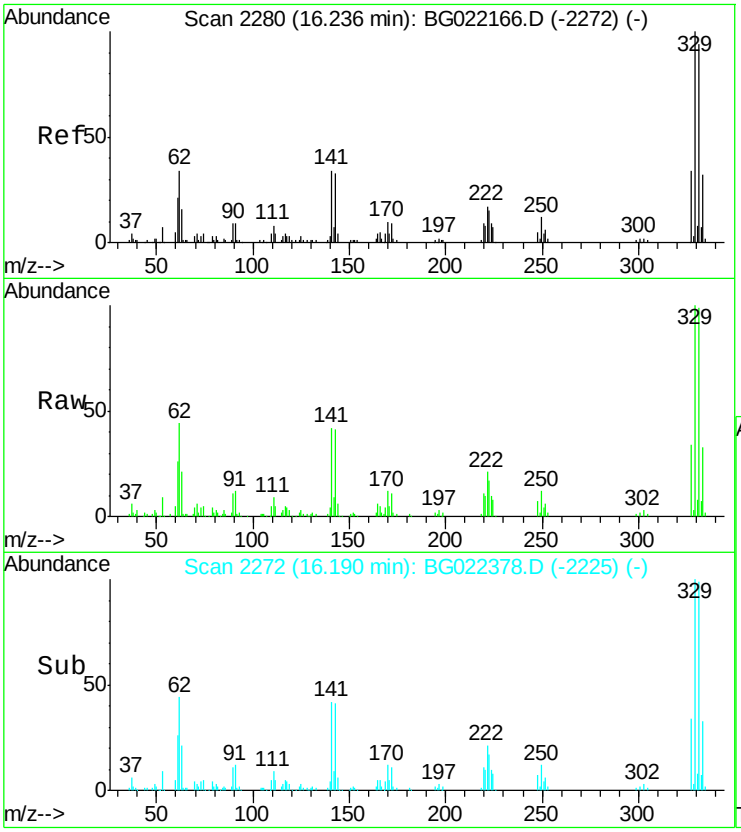


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 2017
Delta R.T. -0.03 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Tgt Ion:164 Resp: 72075

Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.0	117.0
160	50.3	32.9	49.3#



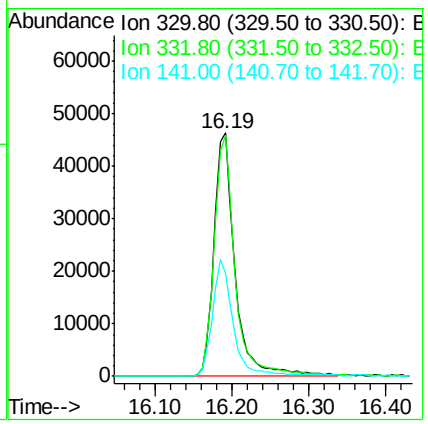


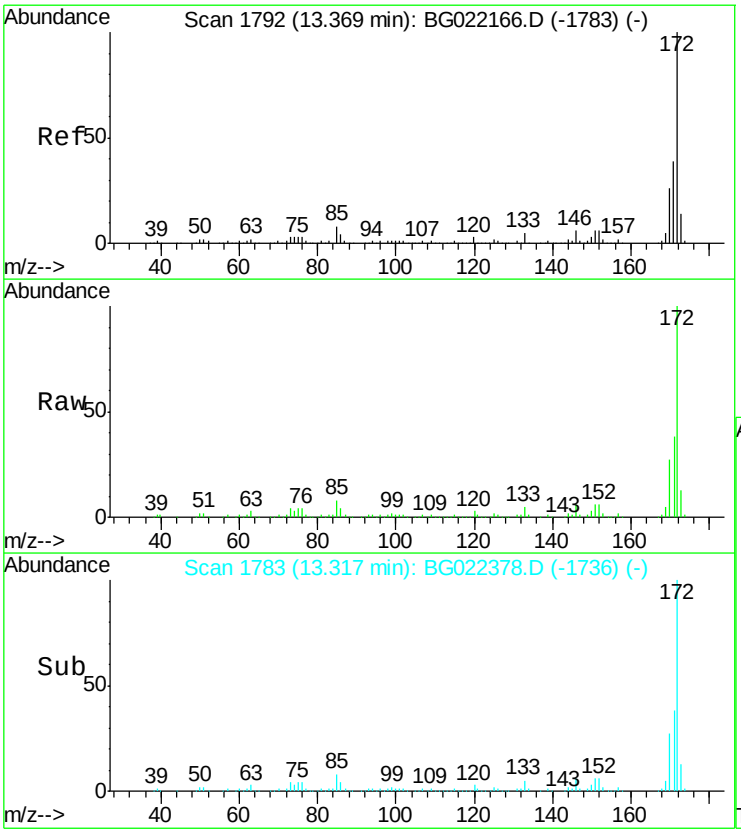
#41
2,4,6-Tribromophenol
Concen: 106.91 ng
RT: 16.19 min Scan# 2272
Delta R.T. -0.03 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

Tgt Ion:330 Resp: 87066

Ion	Ratio	Lower	Upper
330	100		
332	99.5	78.0	117.0
141	47.0	33.8	50.8

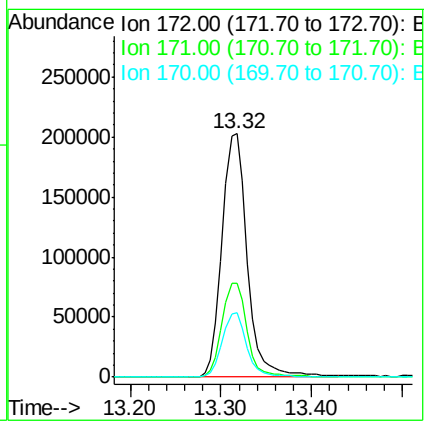


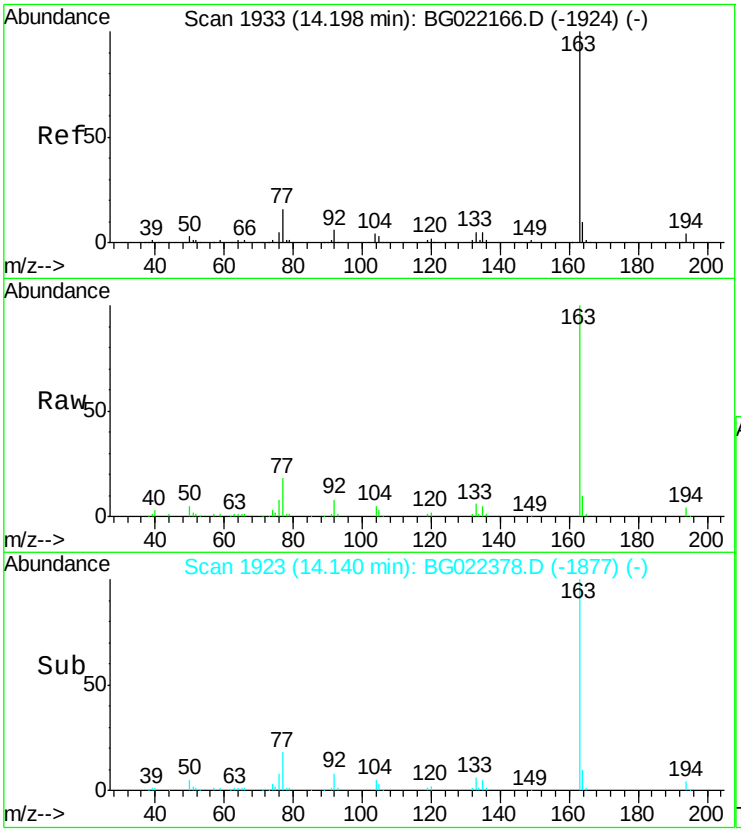


#44
2-Fluorobiphenyl
Concen: 83.31 ng
RT: 13.32 min Scan# 1783
Delta R.T. -0.03 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Tgt Ion:172 Resp: 394006

Ion	Ratio	Lower	Upper
172	100		
171	38.4	27.8	41.6
170	26.5	19.6	29.4



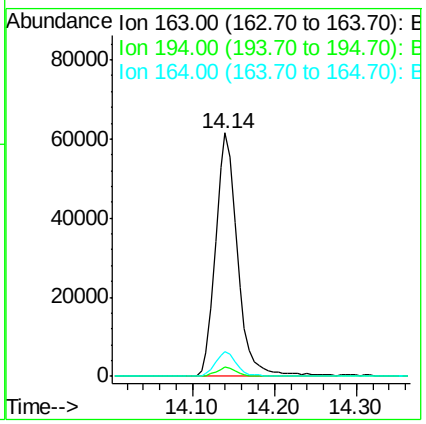


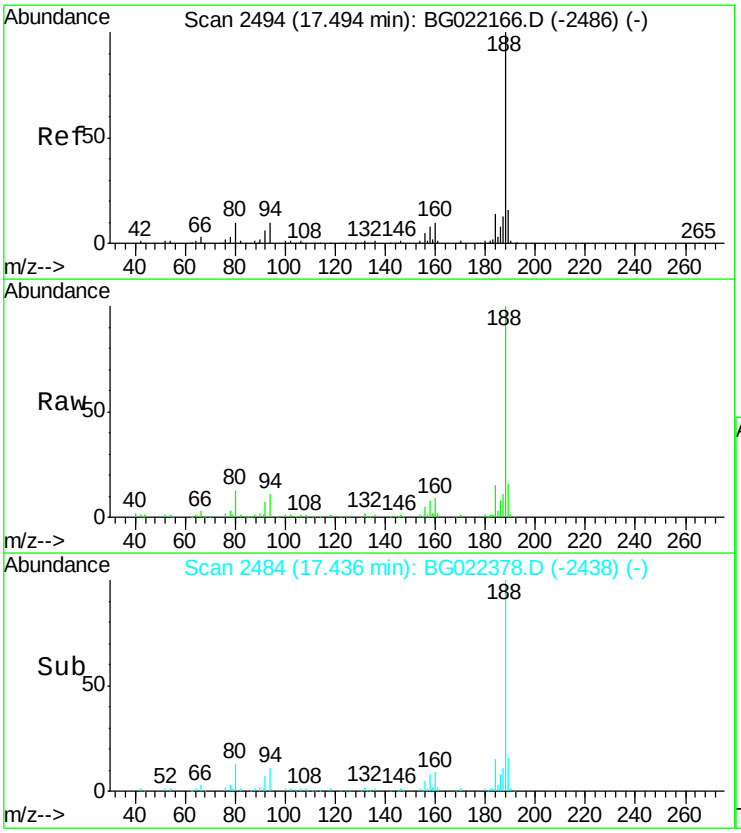
#49
Dimethylphthalate
Concen: 19.28 ng
RT: 14.14 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

Tgt Ion:163 Resp: 115219

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.1	8.1	12.1

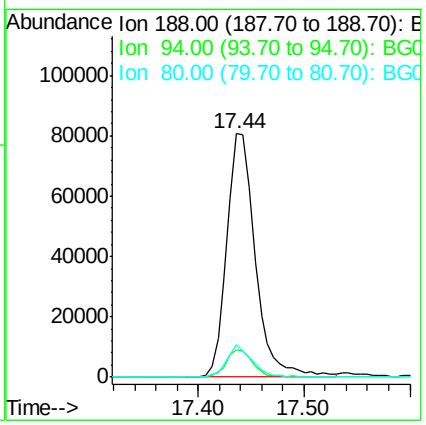


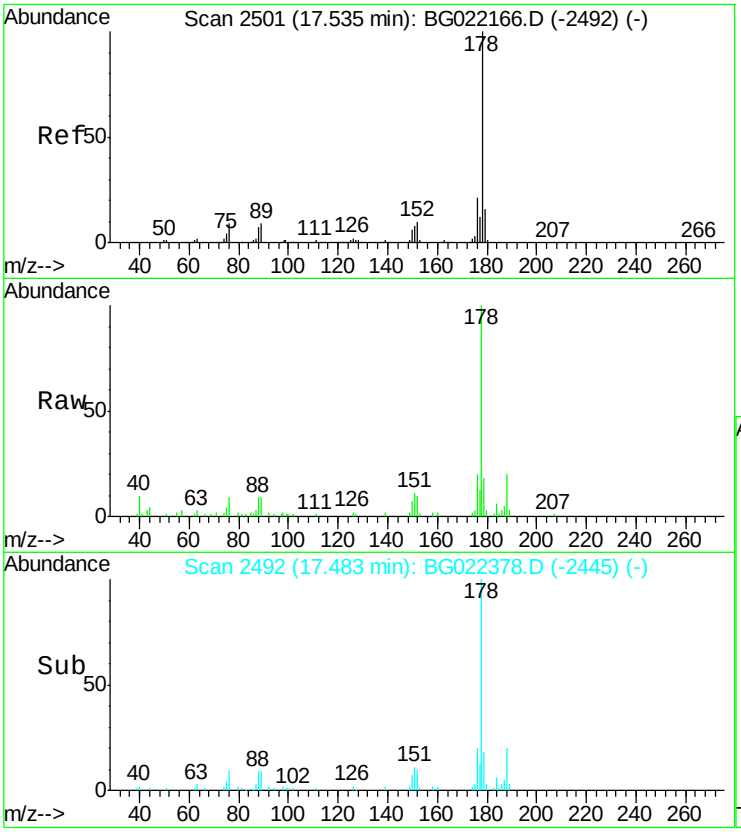


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 2484
Delta R.T. -0.03 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Tgt Ion:188 Resp: 150870

Ion	Ratio	Lower	Upper
188	100		
94	11.2	7.5	11.3
80	13.1	8.6	13.0#



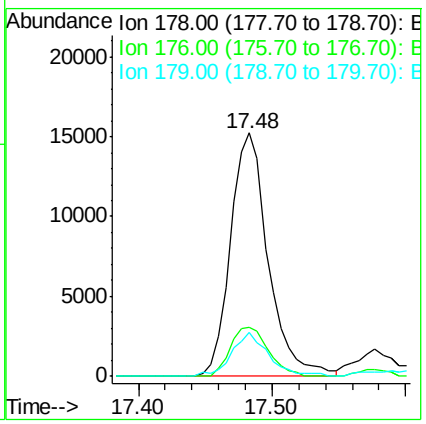


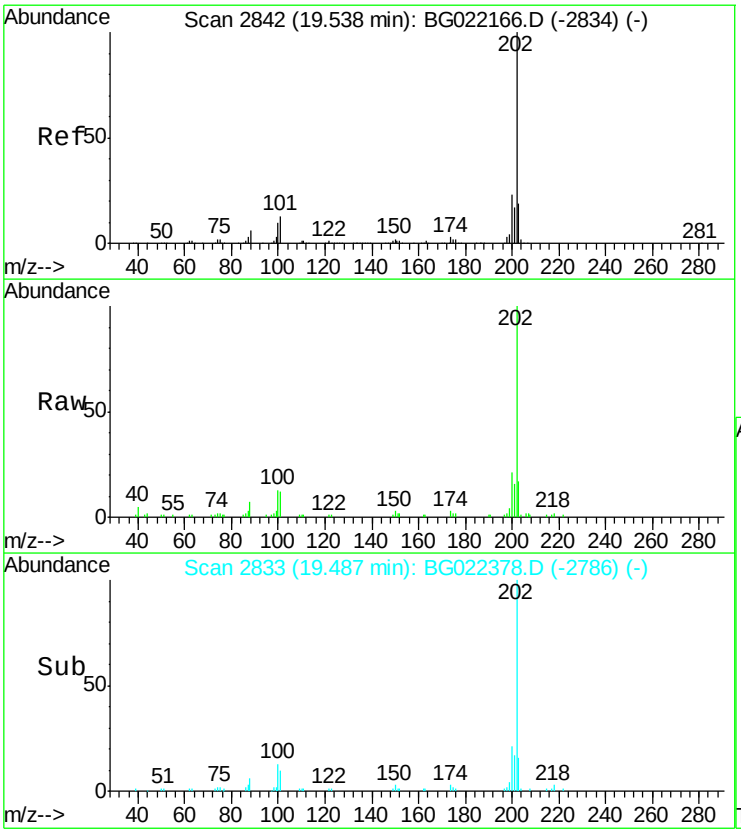
#70
Phenanthrene
Concen: 3.64 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

Tgt Ion:178 Resp: 29803

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	18.2	12.0	18.0#

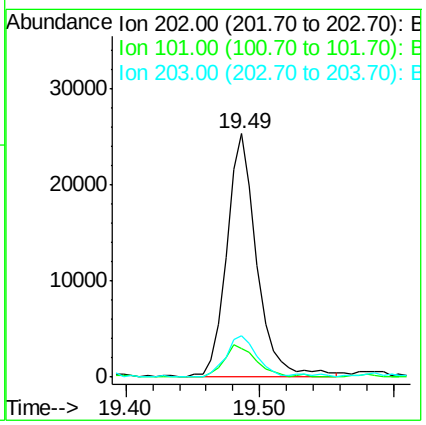


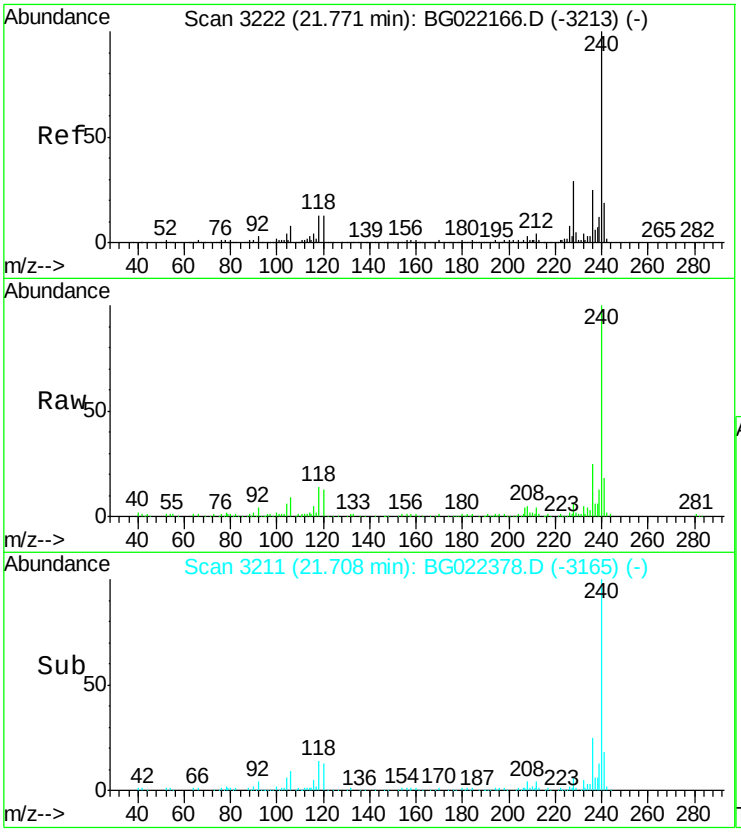


#74
Fluoranthene
Concen: 4.23 ng
RT: 19.49 min Scan# 2833
Delta R.T. -0.03 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Tgt Ion:202 Resp: 39859

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.0
203	17.2	0.0	37.9



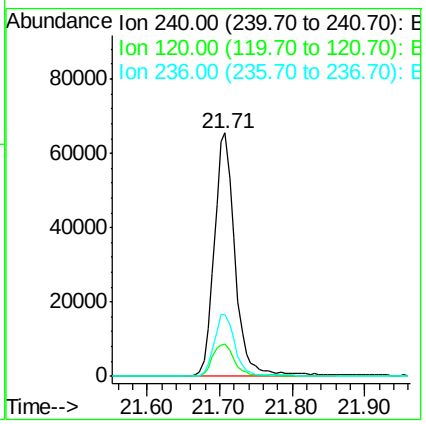


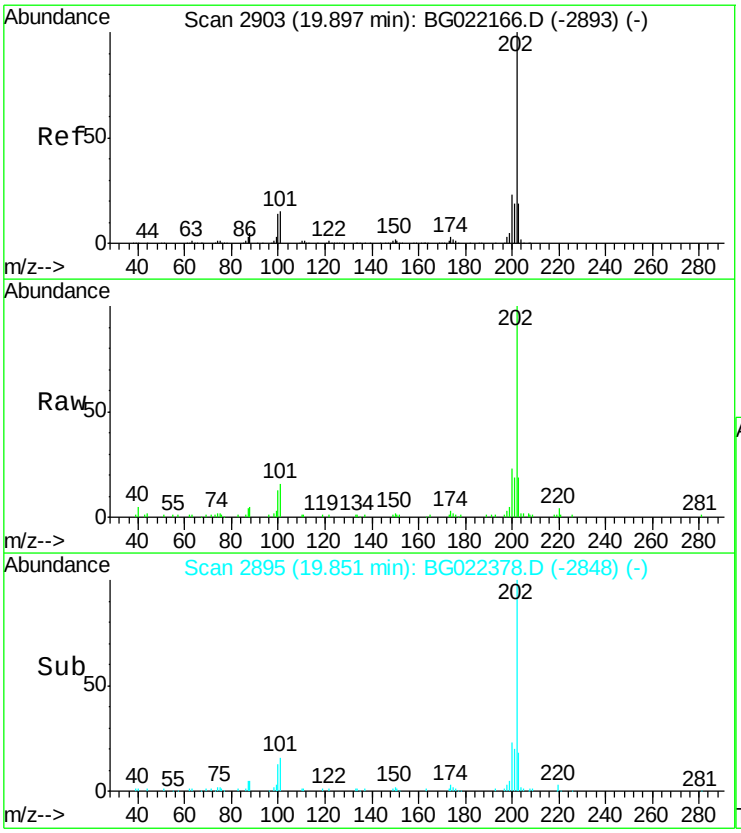
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.71 min Scan# 3211
Delta R.T. -0.03 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

Tgt Ion:240 Resp: 131236

Ion	Ratio	Lower	Upper
240	100		
120	13.5	8.4	12.6#
236	25.4	19.6	29.4

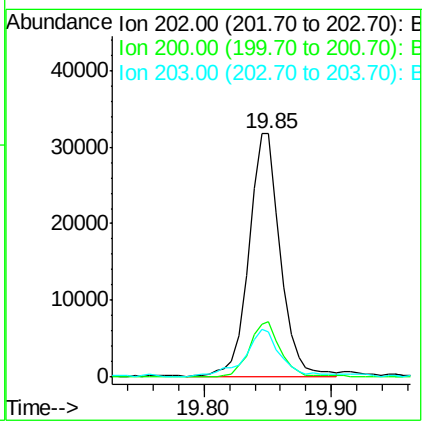


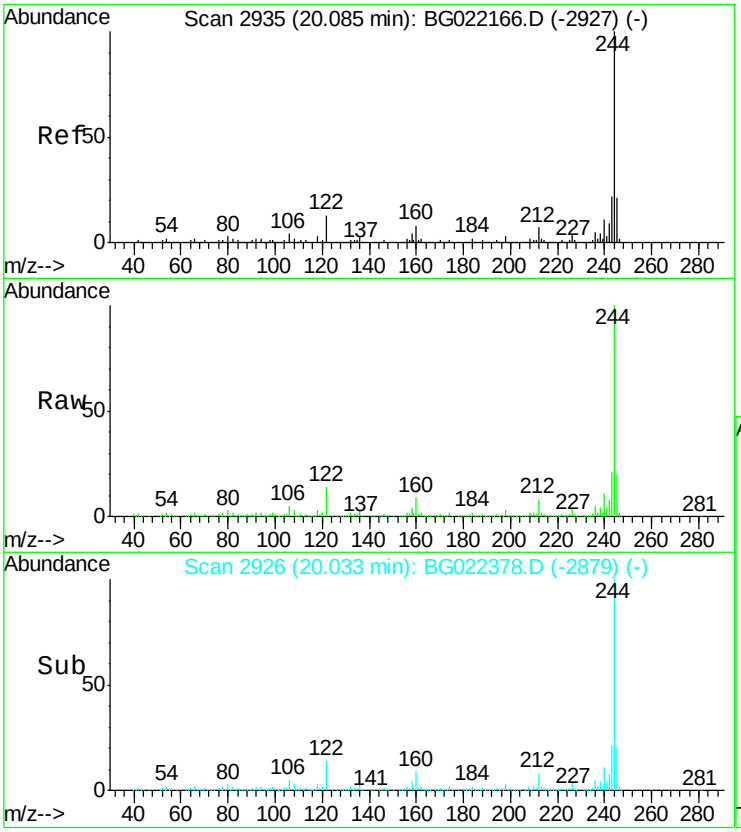


#77
Pyrene
Concen: 6.76 ng
RT: 19.85 min Scan# 2895
Delta R.T. -0.03 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Tgt Ion:202 Resp: 55190

Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.2	27.2
203	18.6	15.0	22.4



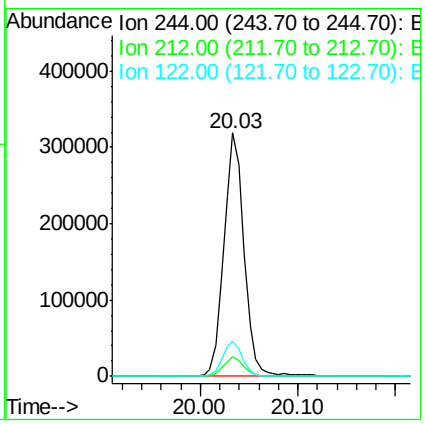


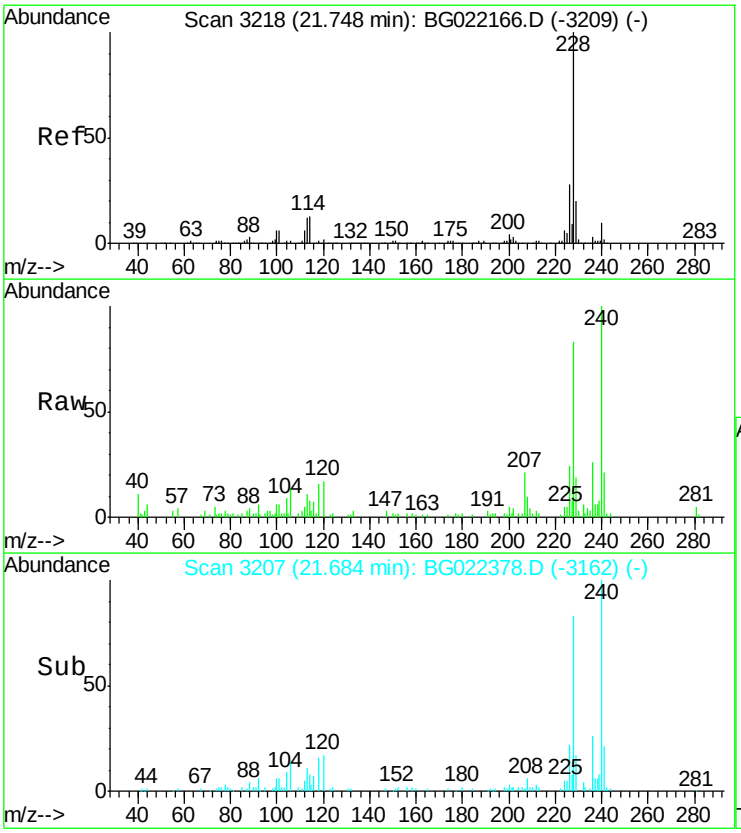
#78
Terphenyl-d14
Concen: 82.39 ng
RT: 20.03 min Scan# 2926
Delta R.T. -0.03 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

Tgt Ion:244 Resp: 455453

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	14.4	8.6	12.8#

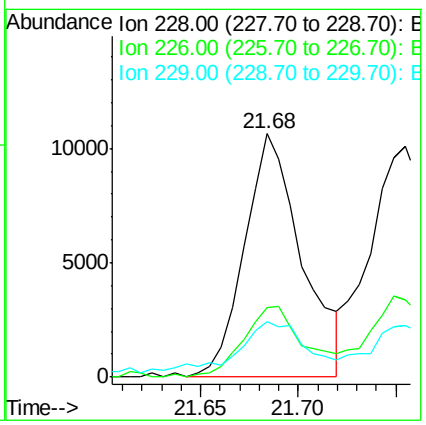


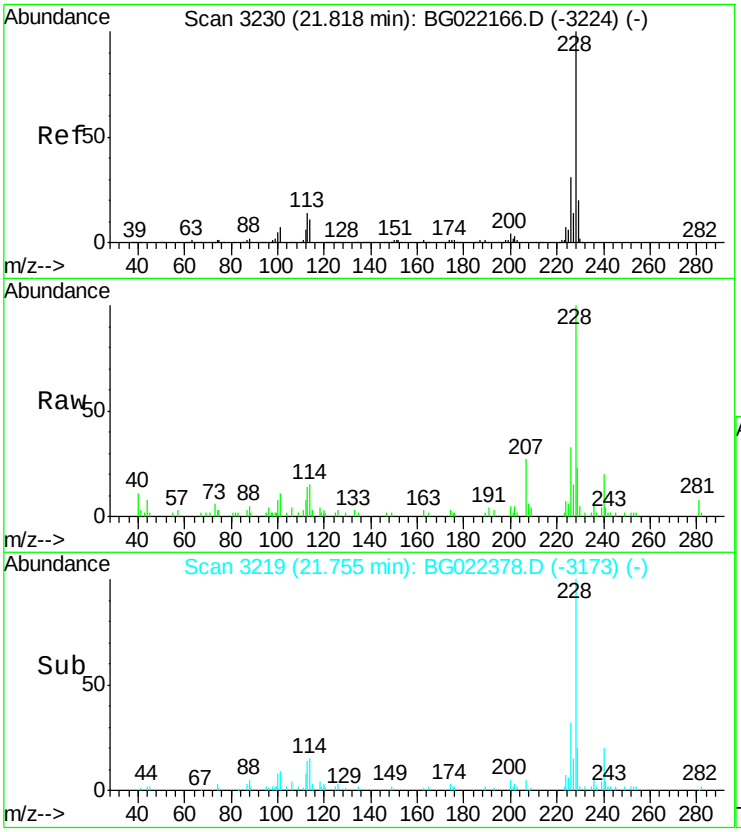


#80
Benzo(a)anthracene
Concen: 2.94 ng
RT: 21.68 min Scan# 3207
Delta R.T. -0.04 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Tgt Ion:228 Resp: 21648

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	22.9	16.1	24.1



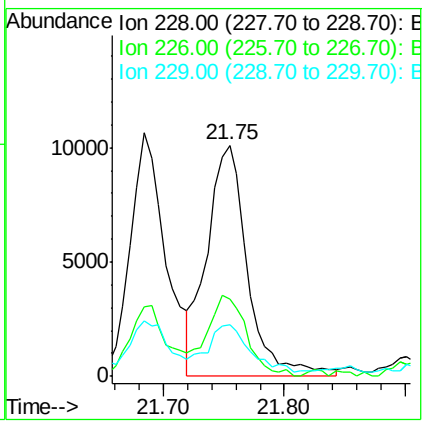


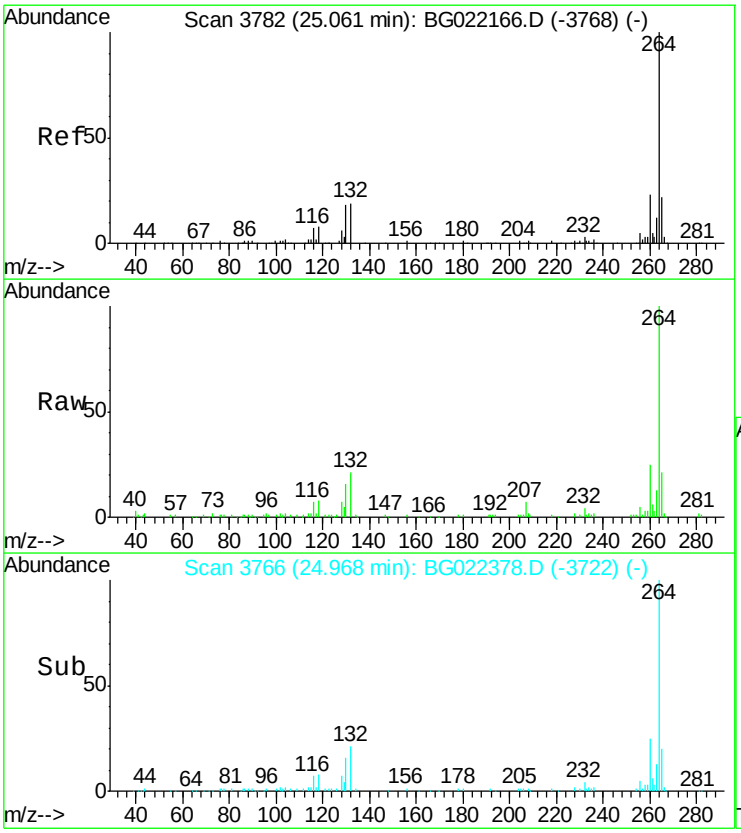
#82
Chrysene
Concen: 3.30 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.03 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

Tgt Ion:228 Resp: 23602

Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.4	38.0
229	22.6	15.9	23.9

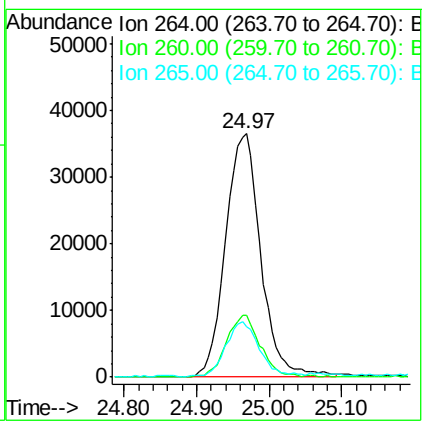


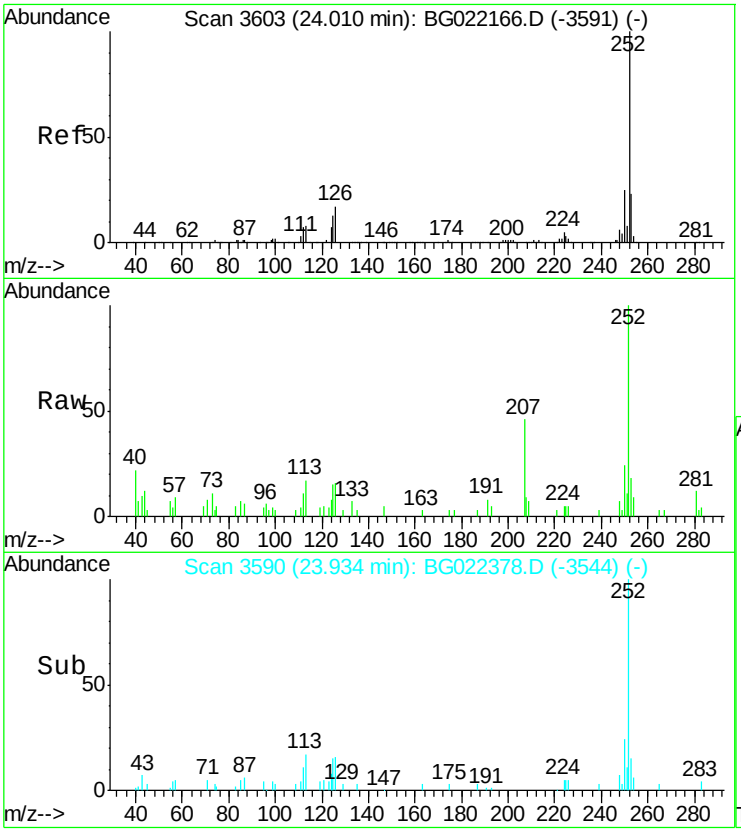


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.97 min Scan# 3766
Delta R.T. -0.04 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Tgt Ion:264 Resp: 123281

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.4
265	20.5	17.8	26.8



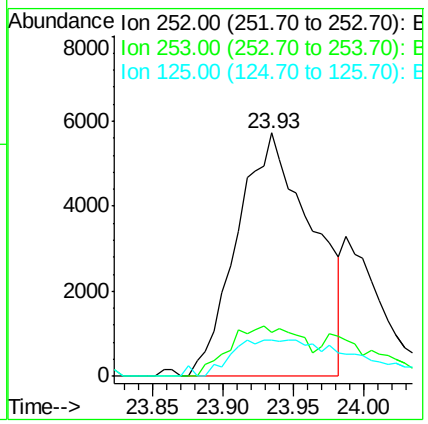


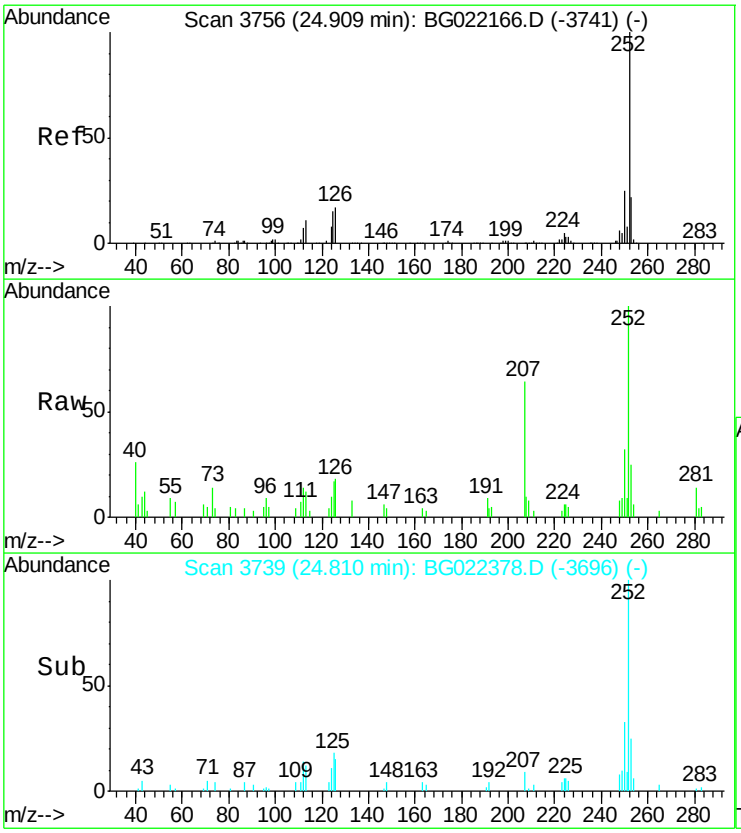
#87
Benzo(b)fluoranthene
Concen: 2.97 ng
RT: 23.93 min Scan# 3590
Delta R.T. -0.03 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

Tgt Ion:252 Resp: 21332

Ion	Ratio	Lower	Upper
252	100		
253	17.9	17.5	26.3
125	14.6	8.6	13.0#





#89
Benzo(a)pyrene
Concen: 2.61 ng
RT: 24.81 min Scan# 3739
Delta R.T. -0.05 min
Lab File: BG022378.D
Acq: 16 Jun 2016 22:58

Tgt Ion:252 Resp: 17977

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	17.3	9.6	14.4#