Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
Data File : BG046645.D
Acq On : 16 Sep 2020 18:01
Operator : CG/JU
Sample : L4021-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B14-1-3

Quant Time: Sep 16 18:43:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 11:07:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	69268	20.00	ng		0.00
21) Naphthalene-d8	10.71	136	280998	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	189083	20.00	ng		0.00
64) Phenanthrene-d10	17.29	188	425837	20.00	ng		0.00
76) Chrysene-d12	21.54	240	428875	20.00	ng		0.00
86) Perylene-d12	24.63	264	427721	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	91537	23.41	ng		0.00
7) Phenol-d6	7.10	99	358015	64.58	ng		0.00
23) Nitrobenzene-d5	9.08	82	293332	59.66	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	7402	2.89	ng		0.00
45) 2-Fluorobiphenyl	13.17	172	777804	62.80	ng		0.00
79) Terphenyl-d14	19.91	244	1139665	56.55	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.12	94	16788	3.288	ng		91
50) Dimethylphthalate	14.00	163	73533	5.027	ng		98
71) Phenanthrene	17.34	178	80797	3.743	ng		96
75) Fluoranthene	19.35	202	138576	4.989	ng		97
78) Pyrene	19.71	202	152657	5.590	ng		95
81) Benzo(a)anthracene	21.52	228	77453	2.897	ng		96
83) Chrysene	21.58	228	81426	3.167	ng		99
88) Benzo(b)fluoranthene	23.66	252	98803	3.699	ng	#	97
90) Benzo(a)pyrene	24.49	252	69447	2.786	ng		95
92) Benzo(g,h,i)perylene	29.22	276	52302	2.113	ng		98

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

Quantitation Report (LSC Reviewed)

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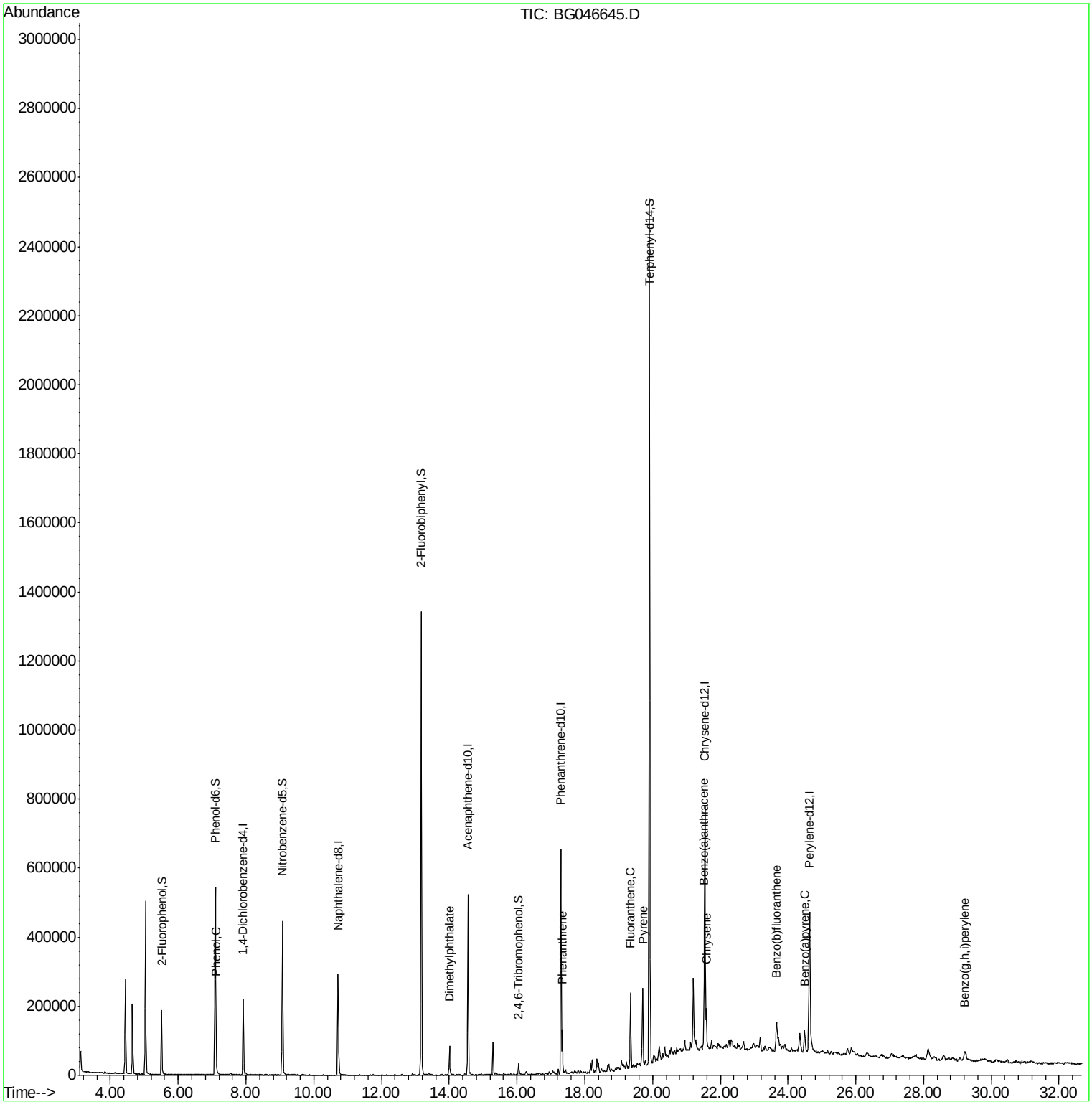
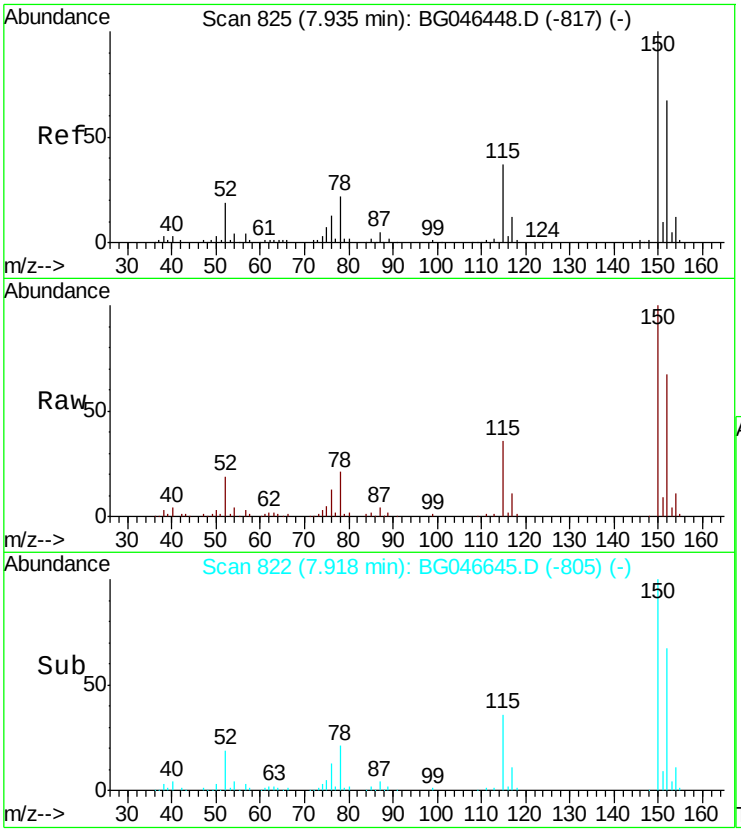


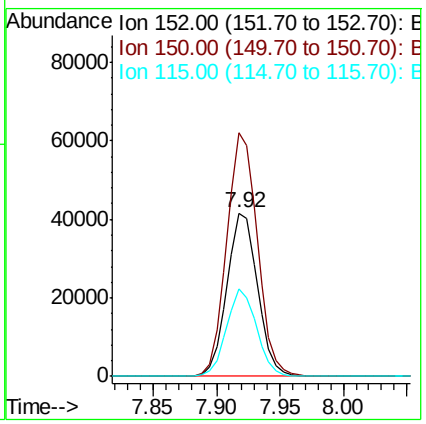


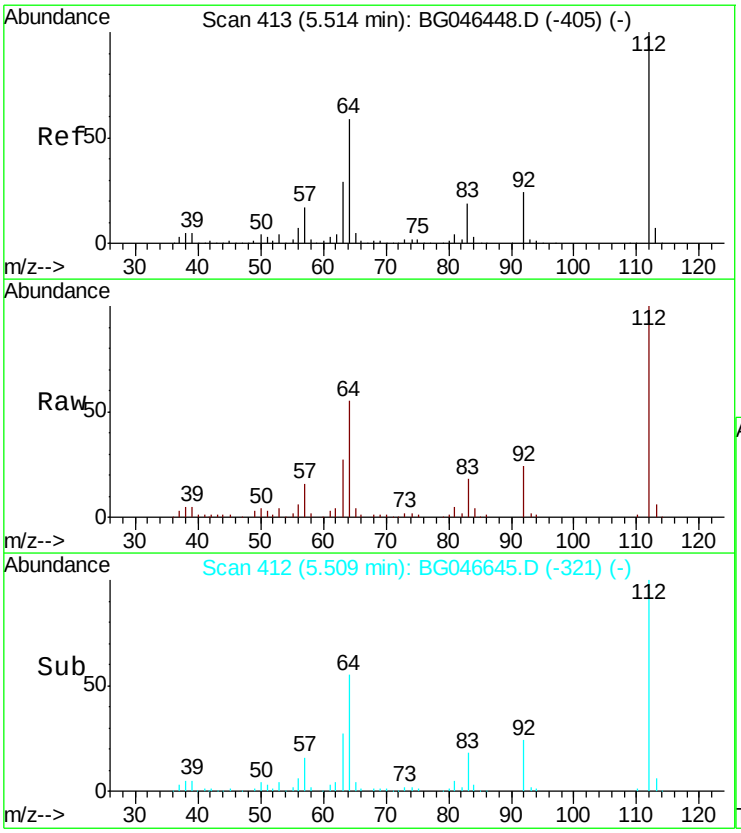
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Instrument :
BNA_G
ClientSampleId :
B14-1-3

Tgt Ion:152 Resp: 69268

Ion	Ratio	Lower	Upper
152	100		
150	148.9	125.0	187.6
115	53.6	41.8	62.6

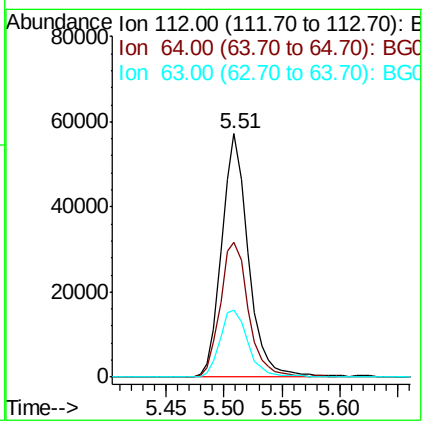


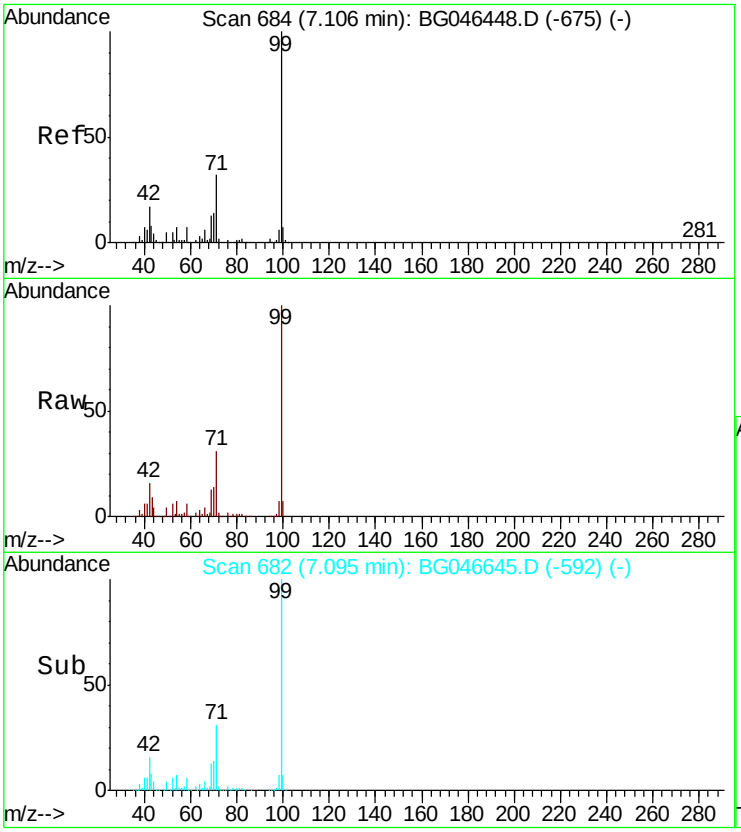


#5
2-Fluorophenol
Concen: 23.406 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.01 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Tgt Ion:112 Resp: 91537

Ion	Ratio	Lower	Upper
112	100		
64	55.4	46.7	70.1
63	27.3	22.8	34.2



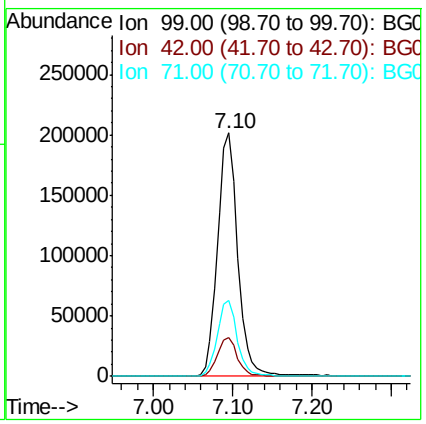


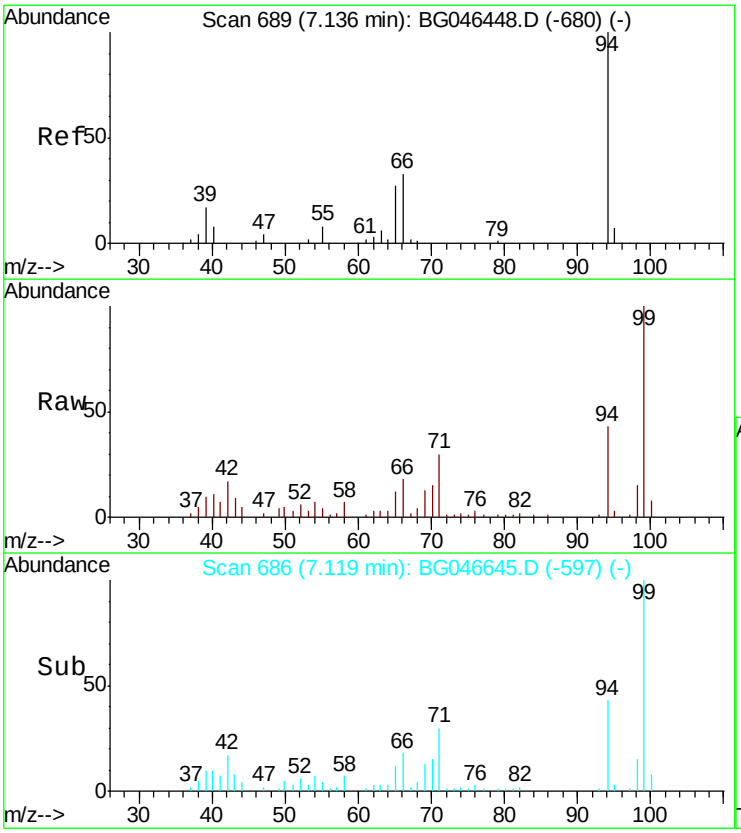
#7
Phenol-d6
Concen: 64.577 ng
RT: 7.10 min Scan# 682
Delta R.T. -0.00 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Instrument :
BNA_G
ClientSampleId :
B14-1-3

Tgt Ion: 99 Resp: 358015

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.8	19.2
71	31.1	24.6	36.8

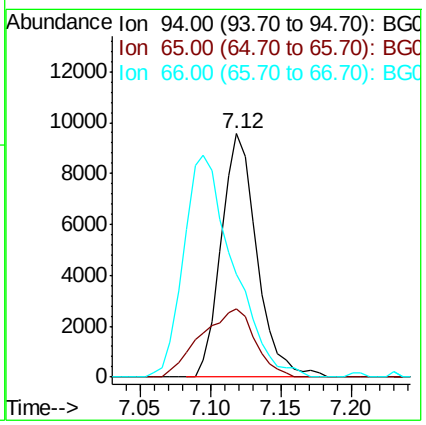


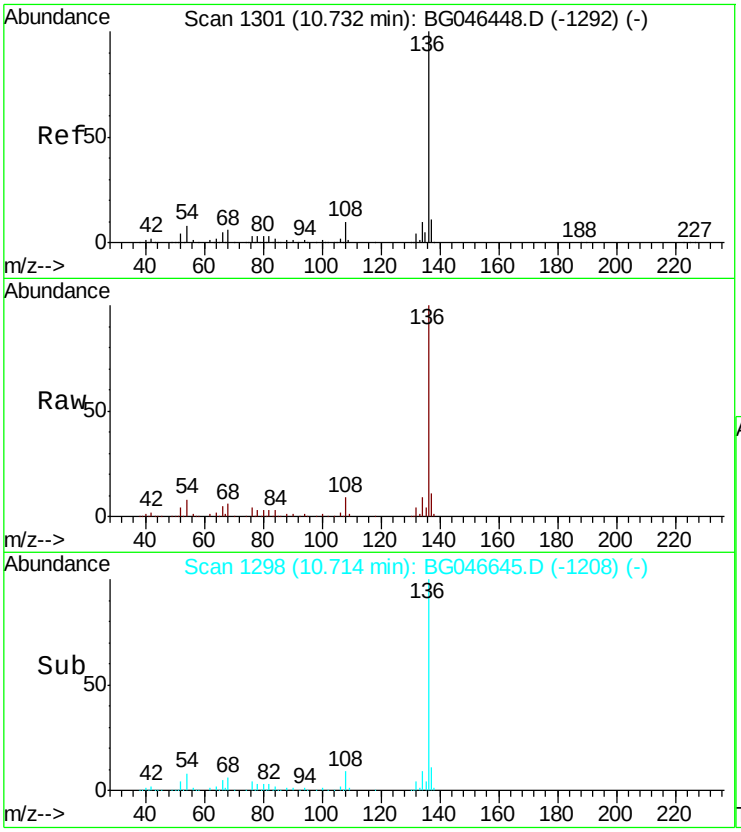


#10
Phenol
Concen: 3.288 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.01 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Tgt Ion: 94 Resp: 16788

Ion	Ratio	Lower	Upper
94	100		
65	28.0	6.6	46.6
66	42.1	13.9	53.9



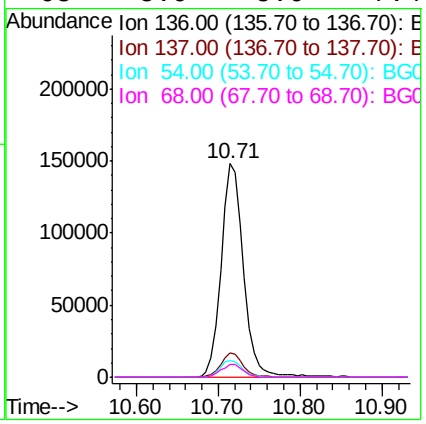


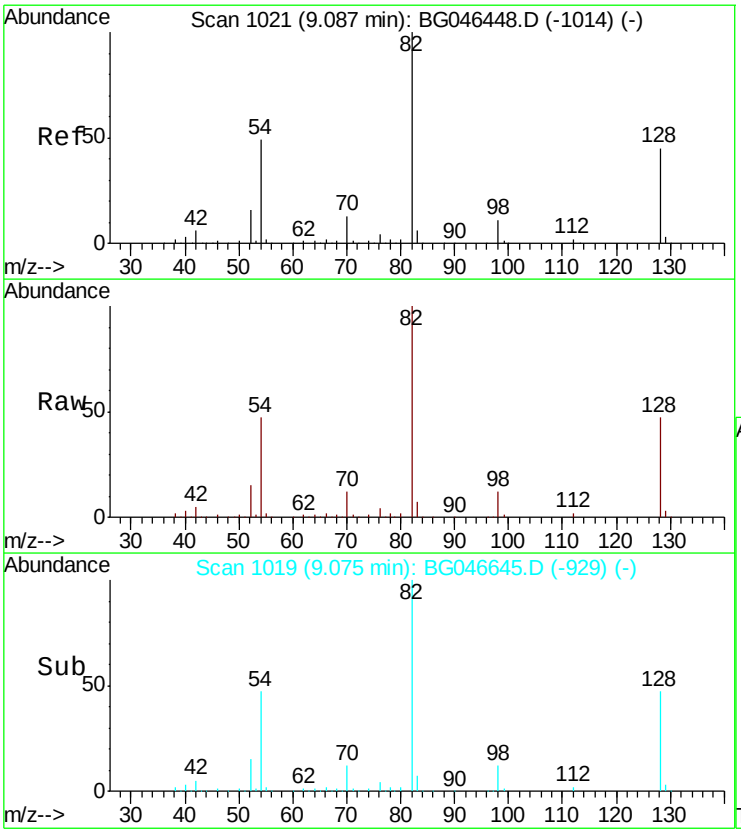
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Instrument :
BNA_G
ClientSampleId :
B14-1-3

Tgt Ion:136 Resp: 280998

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.9	6.2	9.4
68	5.9	5.0	7.4

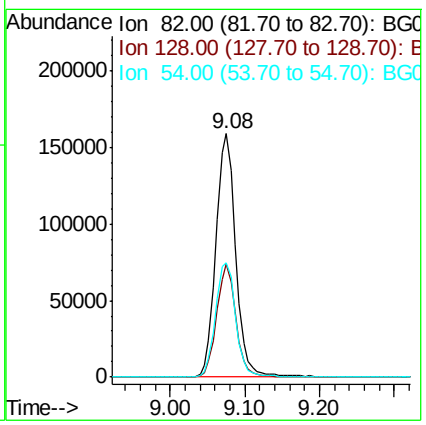


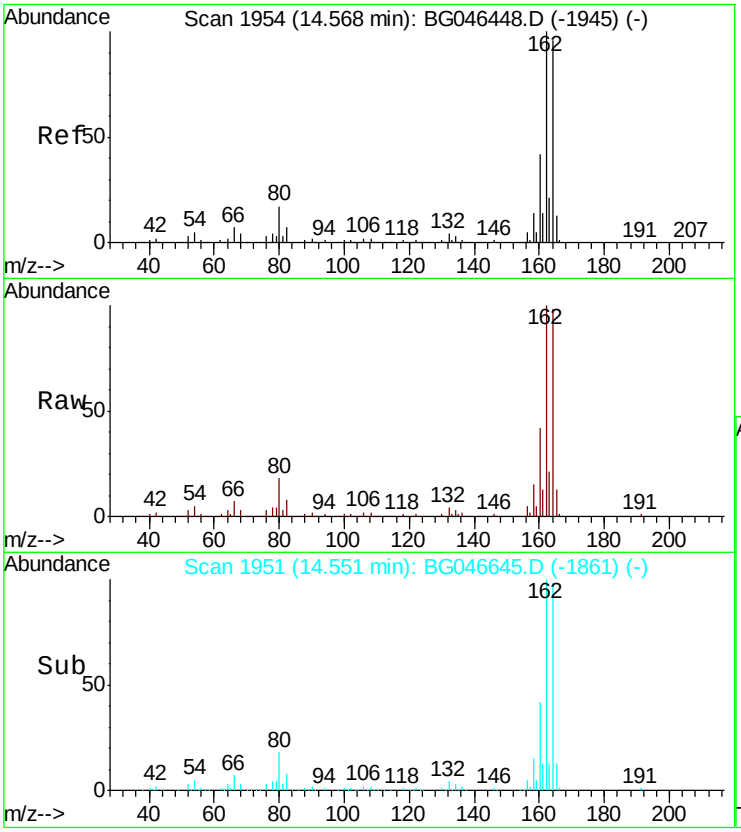


#23
Nitrobenzene-d5
Concen: 59.664 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Tgt Ion: 82 Resp: 293332

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.0	55.6
54	46.8	39.0	58.4



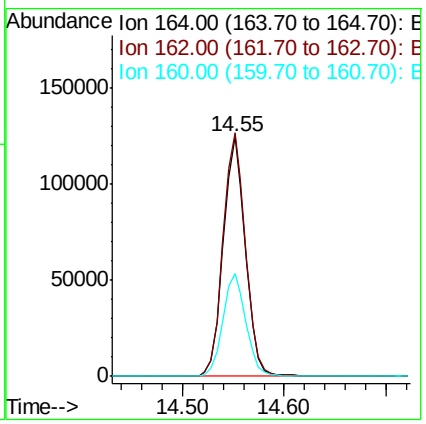


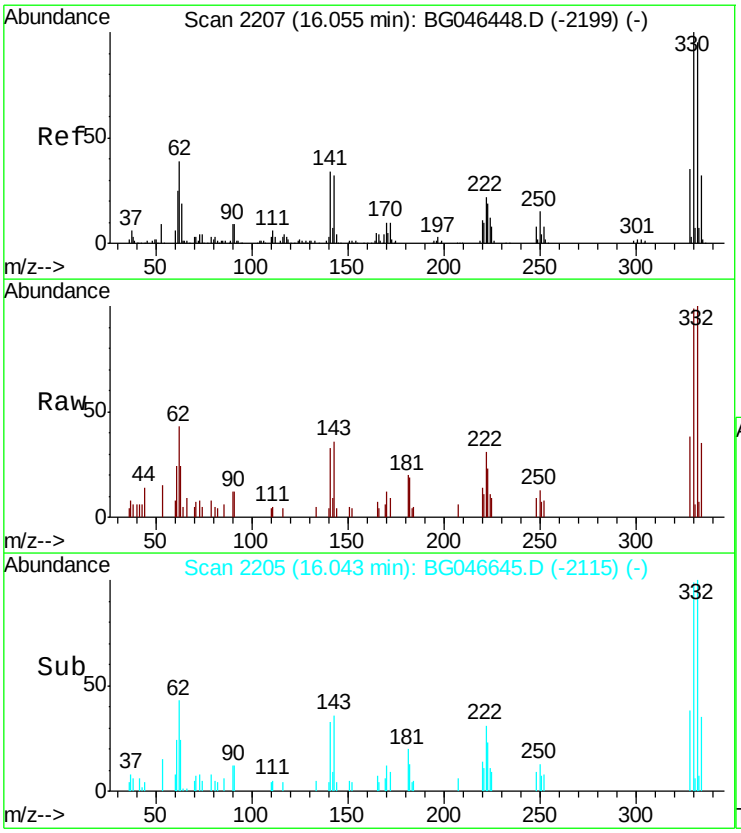
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Instrument :
BNA_G
ClientSampleId :
B14-1-3

Tgt Ion:164 Resp: 189083

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.3	123.5
160	42.8	35.3	52.9

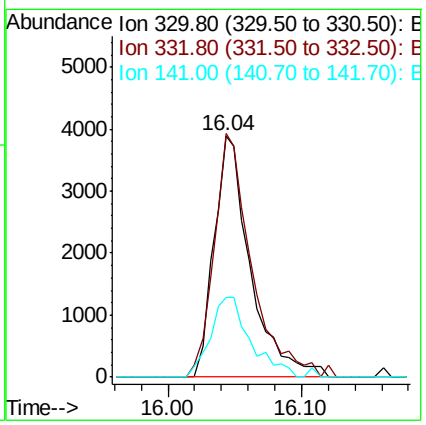


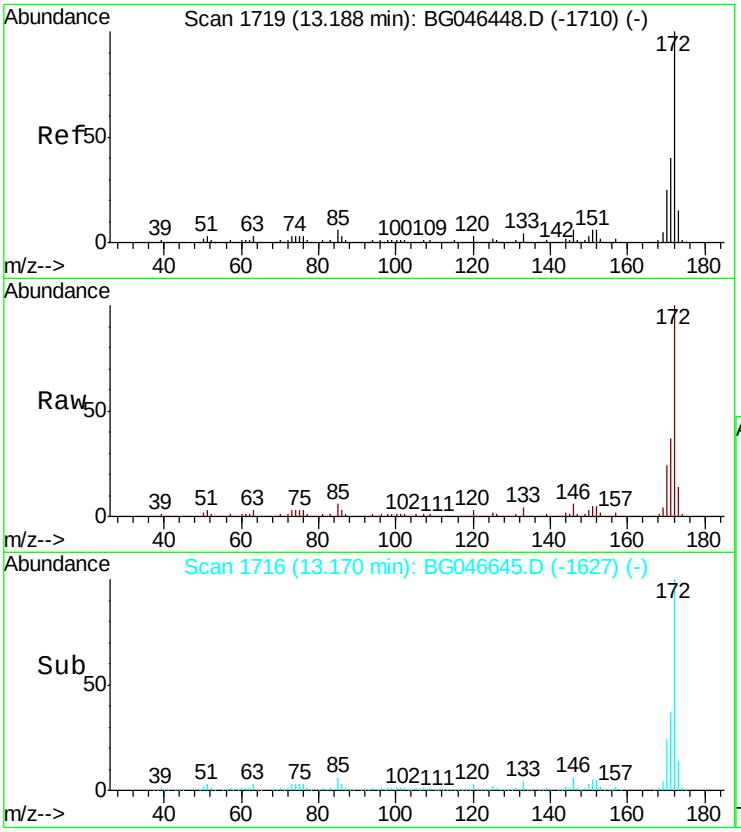


#42
2,4,6-Tribromophenol
Concen: 2.889 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Tgt Ion:330 Resp: 7402

Ion	Ratio	Lower	Upper
330	100		
332	104.2	76.5	114.7
141	36.6	26.0	39.0



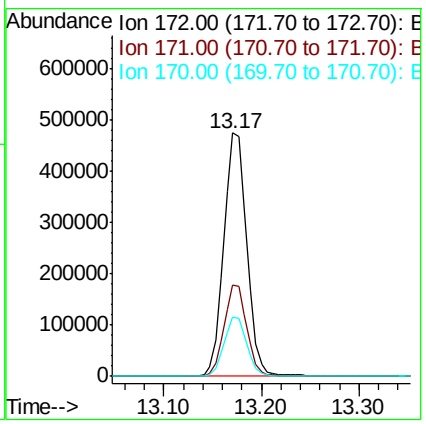


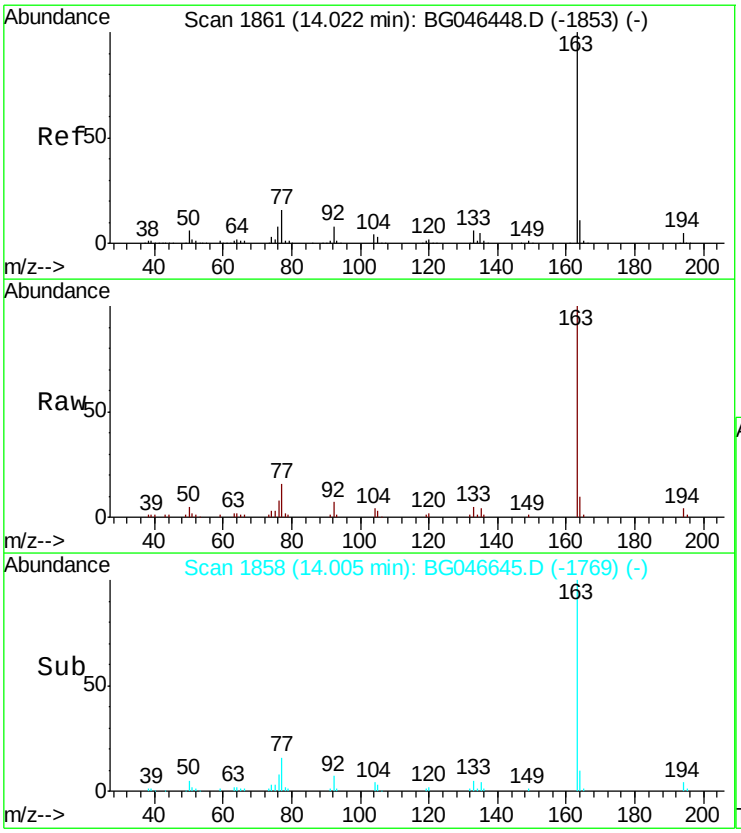
#45
2-Fluorobiphenyl
Concen: 62.796 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Instrument :
BNA_G
ClientSampleId :
B14-1-3

Tgt Ion:172 Resp: 777804

Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.3	46.9
170	24.3	20.8	31.2

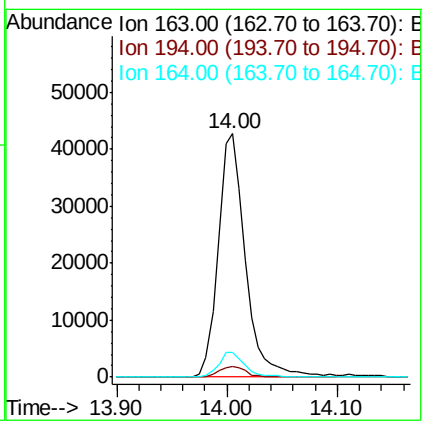


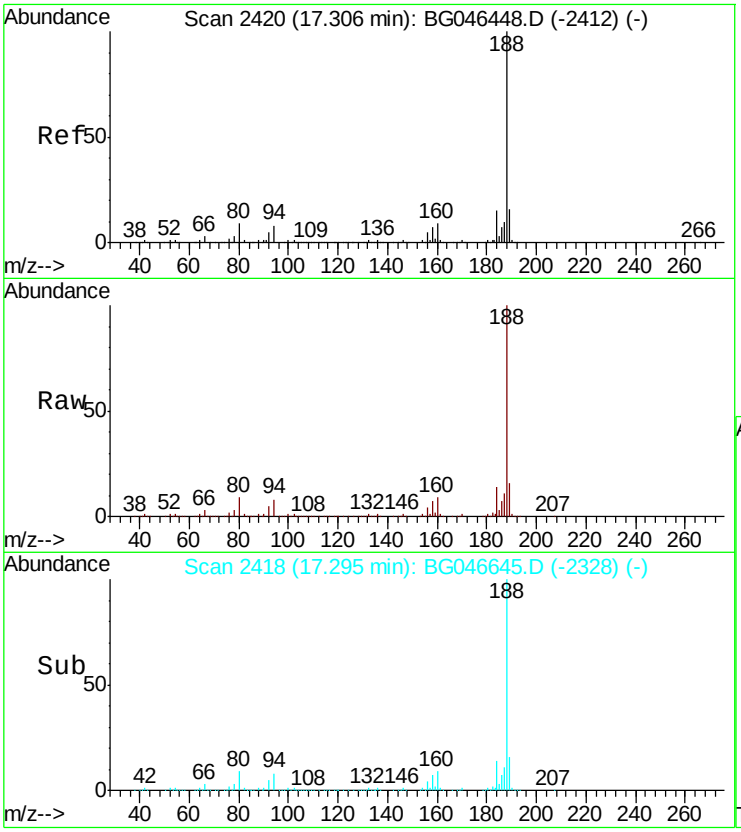


#50
Dimethylphthalate
Concen: 5.027 ng
RT: 14.00 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Tgt Ion:163 Resp: 73533

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.8
164	10.3	8.8	13.2



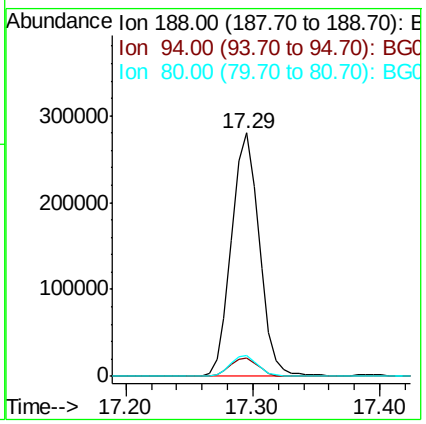


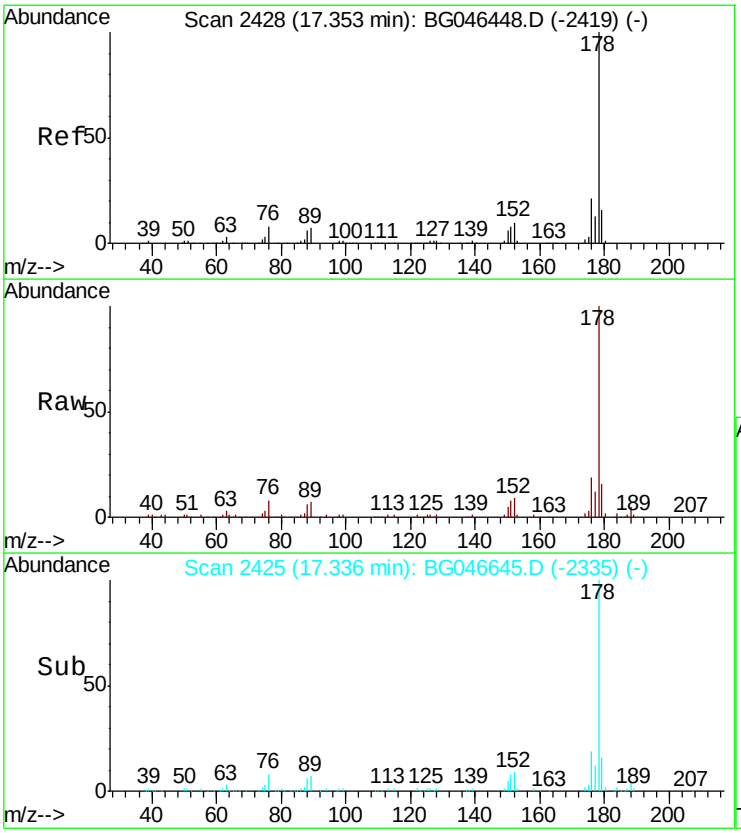
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Instrument :
BNA_G
ClientSampleId :
B14-1-3

Tgt Ion:188 Resp: 425837

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.3	9.5
80	8.6	7.0	10.6

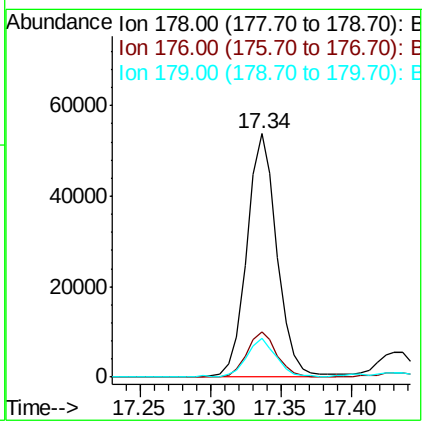


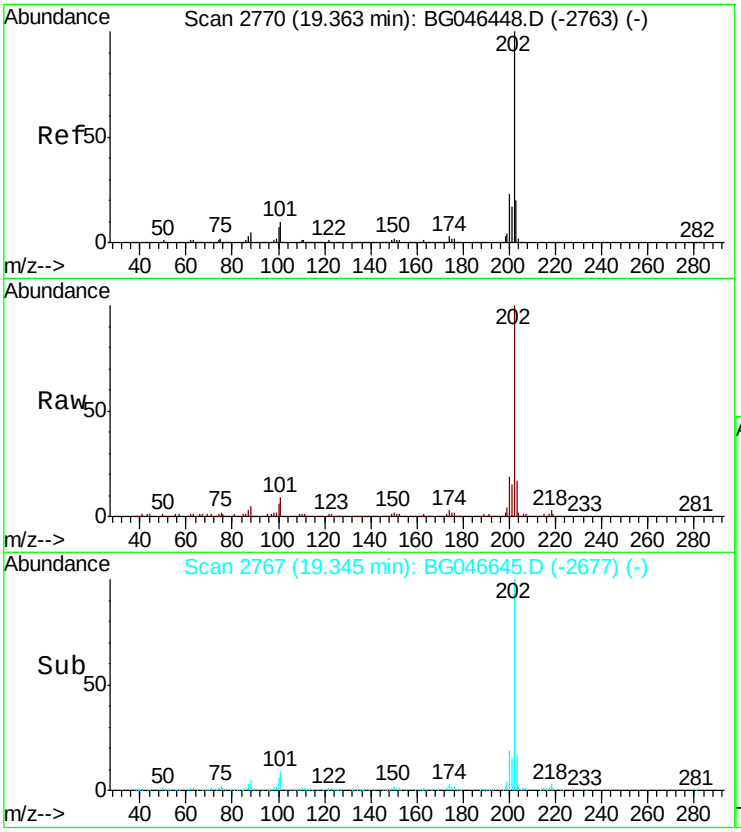


#71
Phenanthrene
Concen: 3.743 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Tgt Ion:178 Resp: 80797

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.7	25.1
179	15.9	14.0	21.0



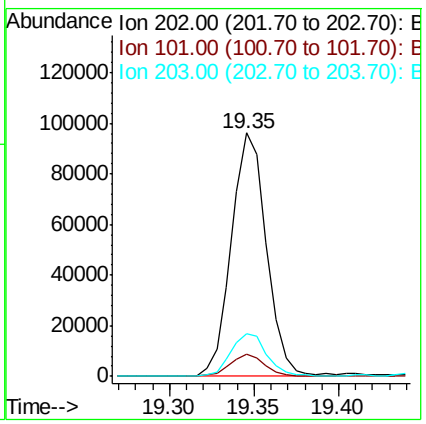


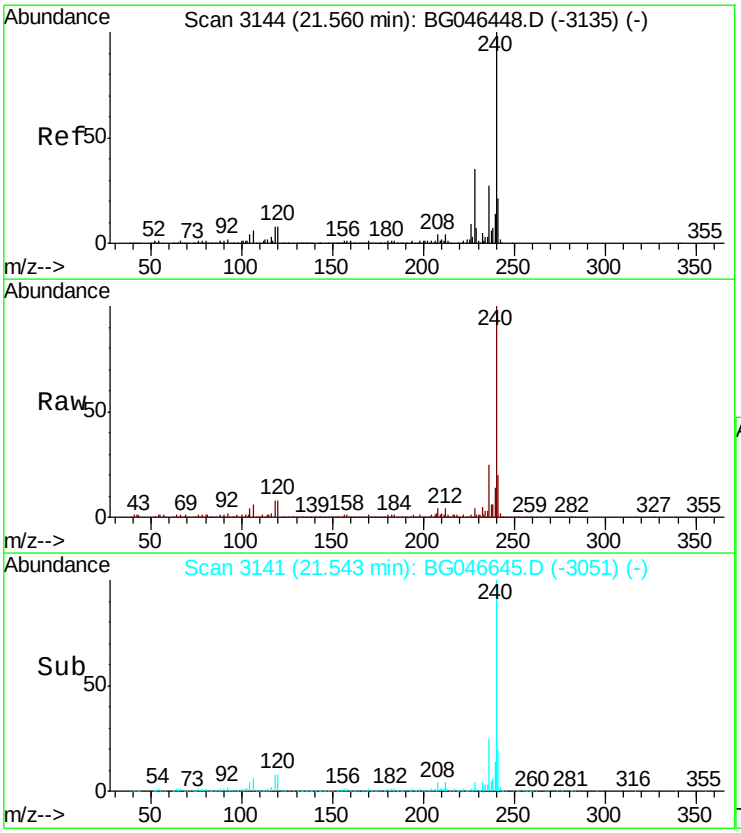
#75
Fluoranthene
Concen: 4.989 ng
RT: 19.35 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Instrument :
BNA_G
ClientSampleId :
B14-1-3

Tgt Ion:202 Resp: 138576

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	29.7
203	17.4	0.0	39.2

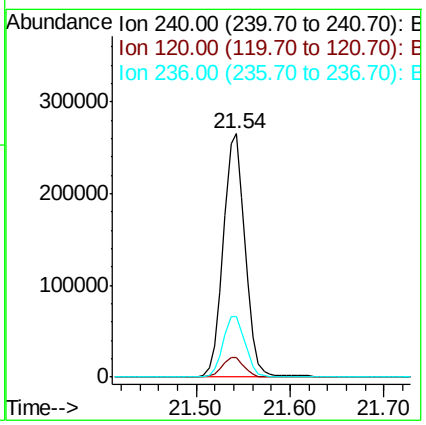


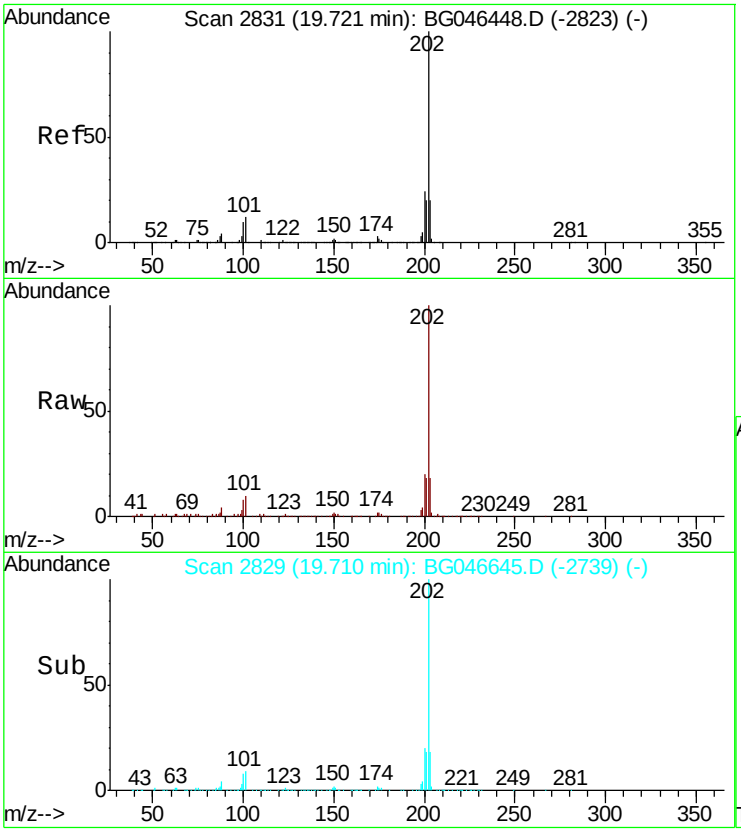


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Tgt Ion:240 Resp: 428875

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.2	9.4
236	24.7	20.5	30.7



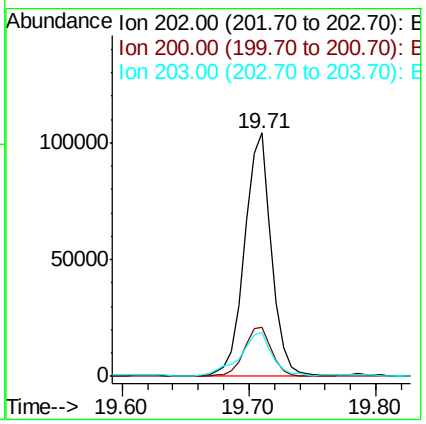


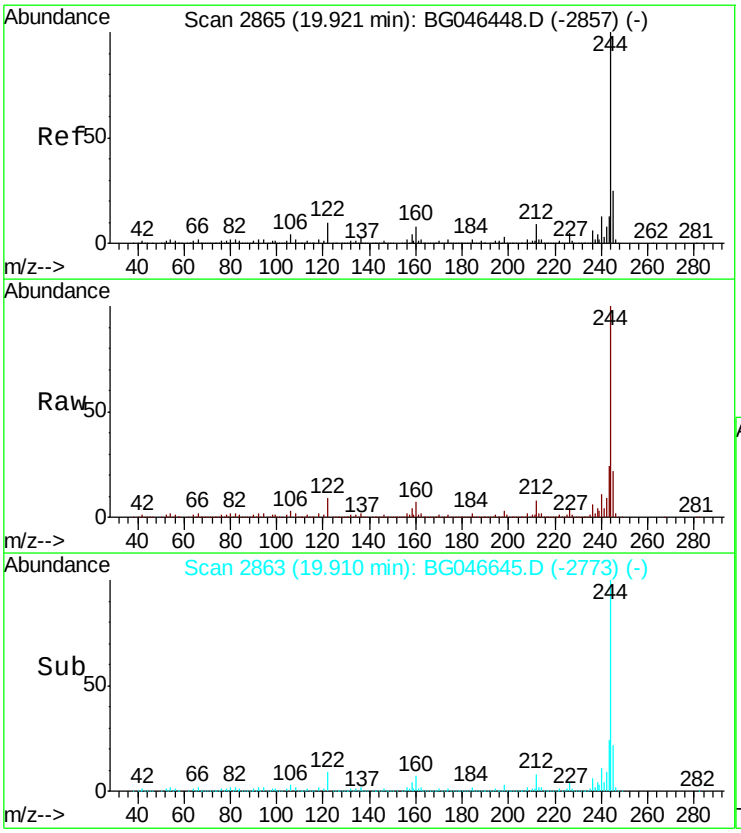
#78
Pyrene
Concen: 5.590 ng
RT: 19.71 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Instrument :
BNA_G
ClientSampleId :
B14-1-3

Tgt Ion:202 Resp: 152657

Ion	Ratio	Lower	Upper
202	100		
200	20.0	18.6	27.8
203	18.1	15.3	22.9

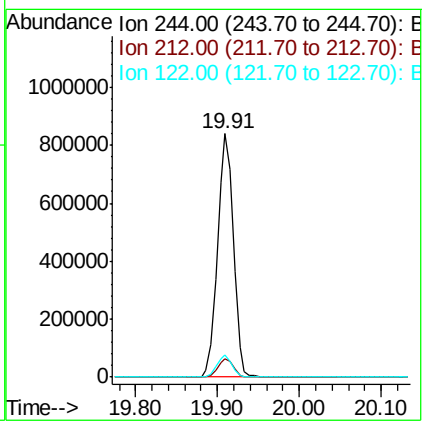


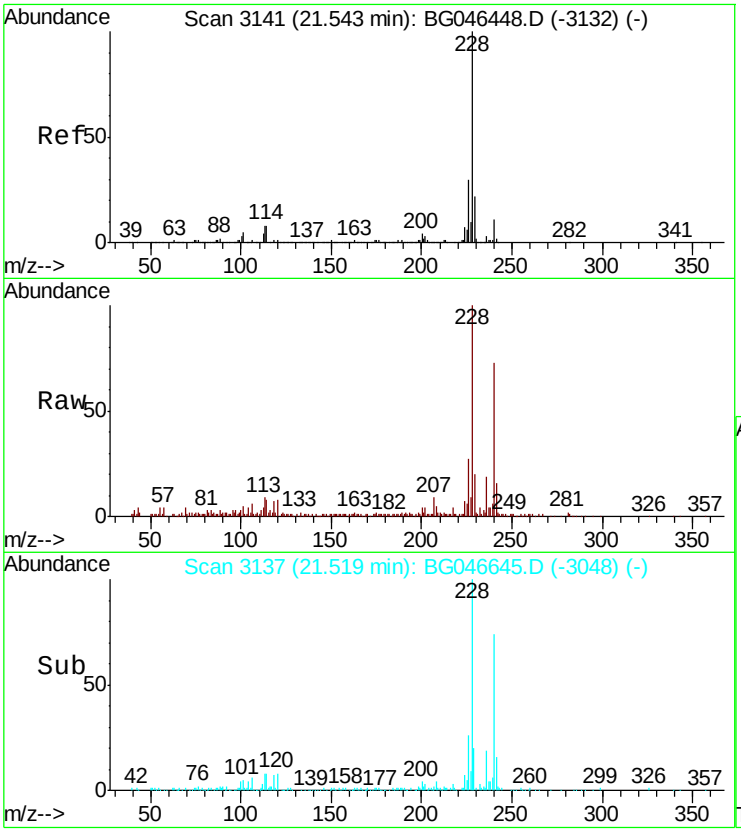


#79
Terphenyl-d14
Concen: 56.553 ng
RT: 19.91 min Scan# 2863
Delta R.T. -0.00 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Tgt Ion:244 Resp: 1139665

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.7	10.1
122	9.3	7.8	11.6



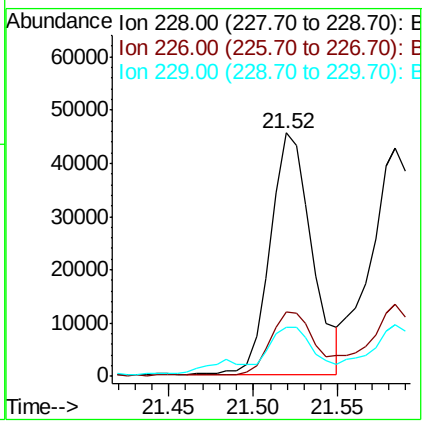


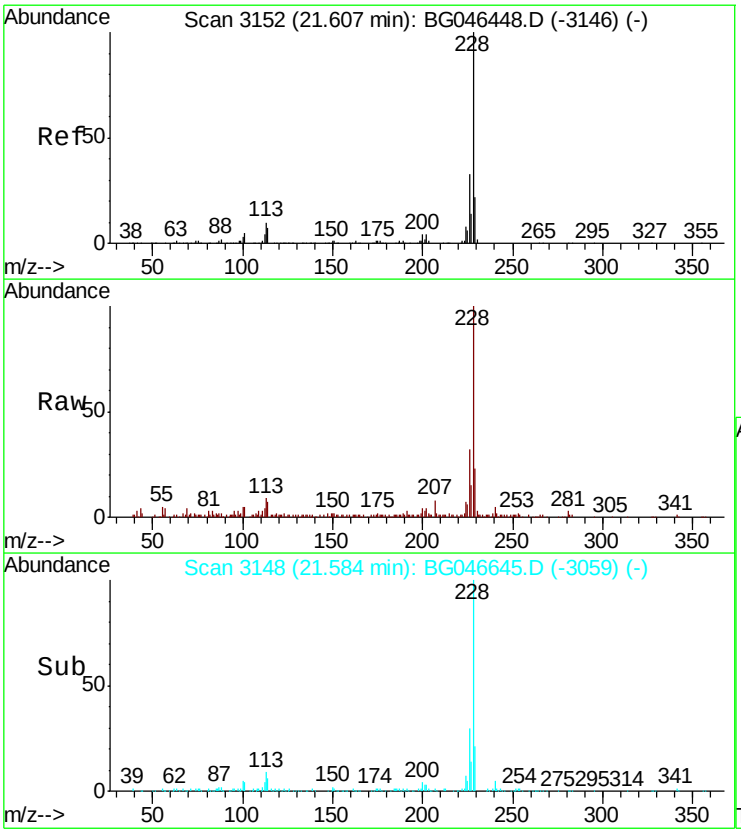
#81
Benzo(a)anthracene
Concen: 2.897 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Instrument :
BNA_G
ClientSampleId :
B14-1-3

Tgt Ion:228 Resp: 77453

Ion	Ratio	Lower	Upper
228	100		
226	26.7	23.3	34.9
229	20.3	17.4	26.0

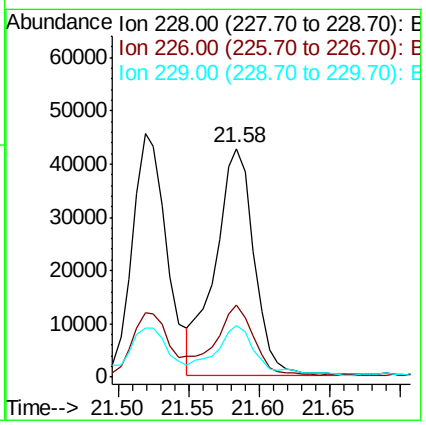


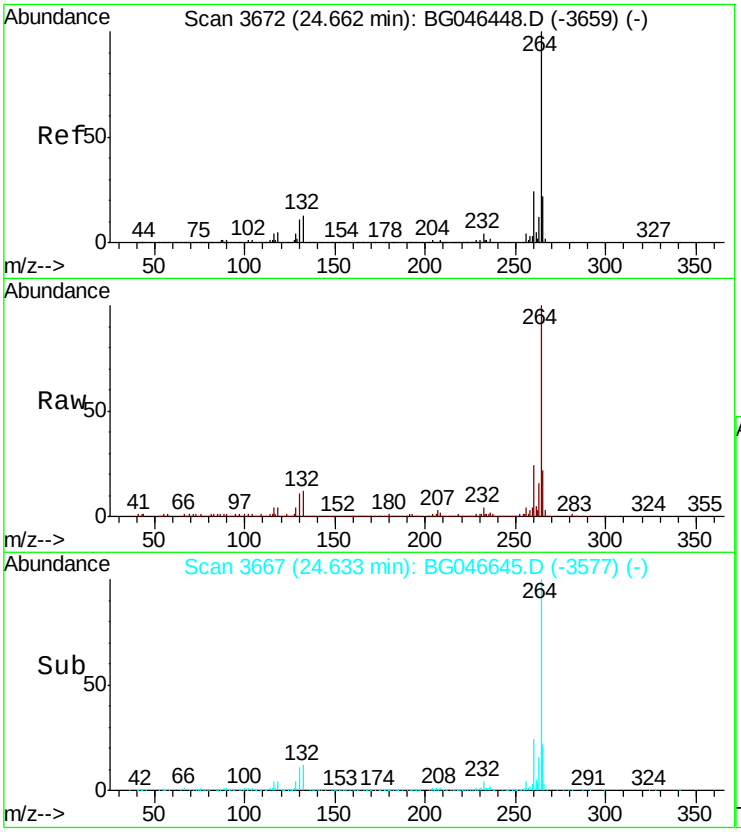


#83
Chrysene
Concen: 3.167 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Tgt Ion:228 Resp: 81426

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.4
229	22.6	17.3	25.9



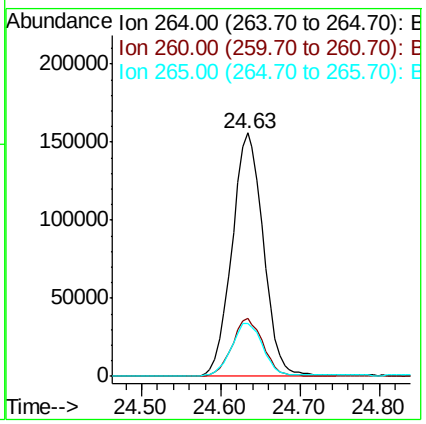


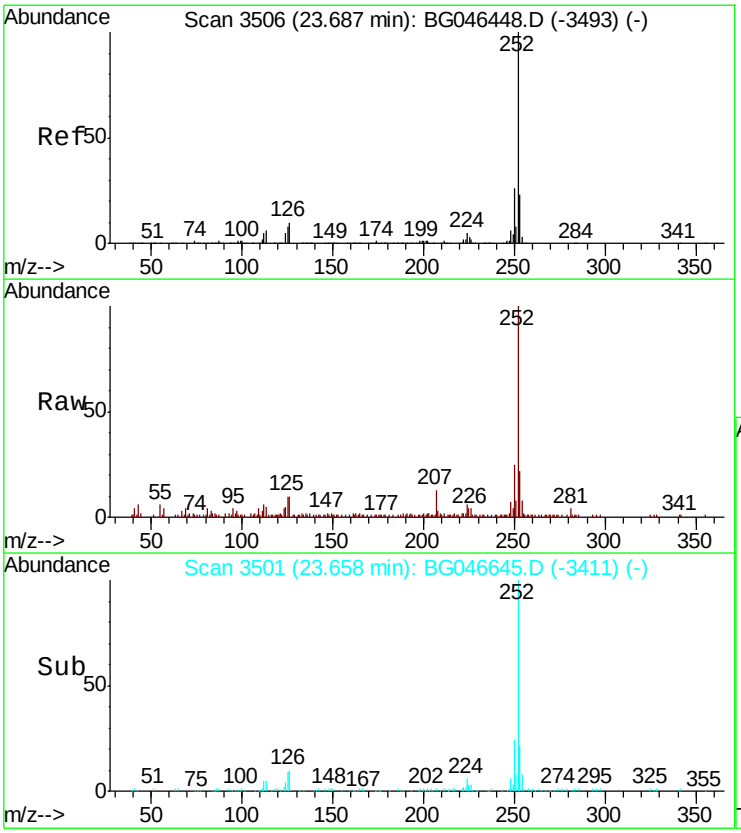
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.63 min Scan# 3667
Delta R.T. -0.00 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Instrument :
BNA_G
ClientSampleId :
B14-1-3

Tgt Ion:264 Resp: 427721

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.7	17.8	26.8

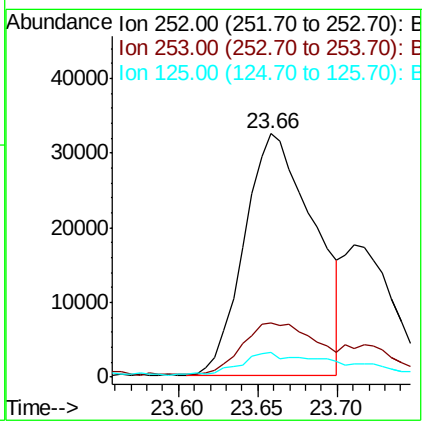


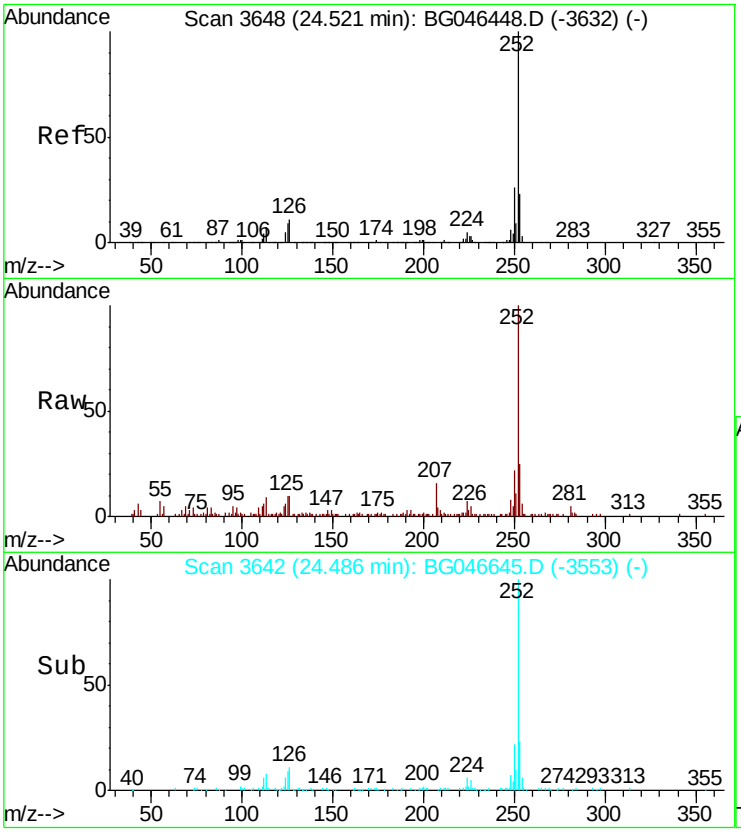


#88
Benzo(b)fluoranthene
Concen: 3.699 ng
RT: 23.66 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Tgt Ion:252 Resp: 98803

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	9.9	6.5	9.7#



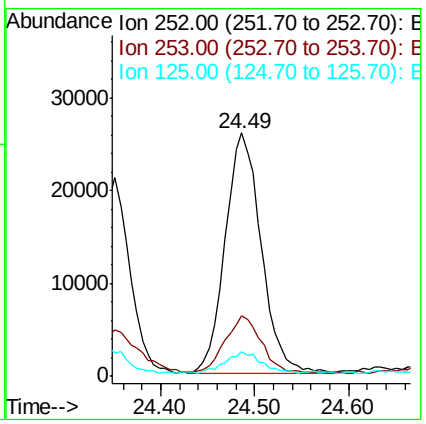


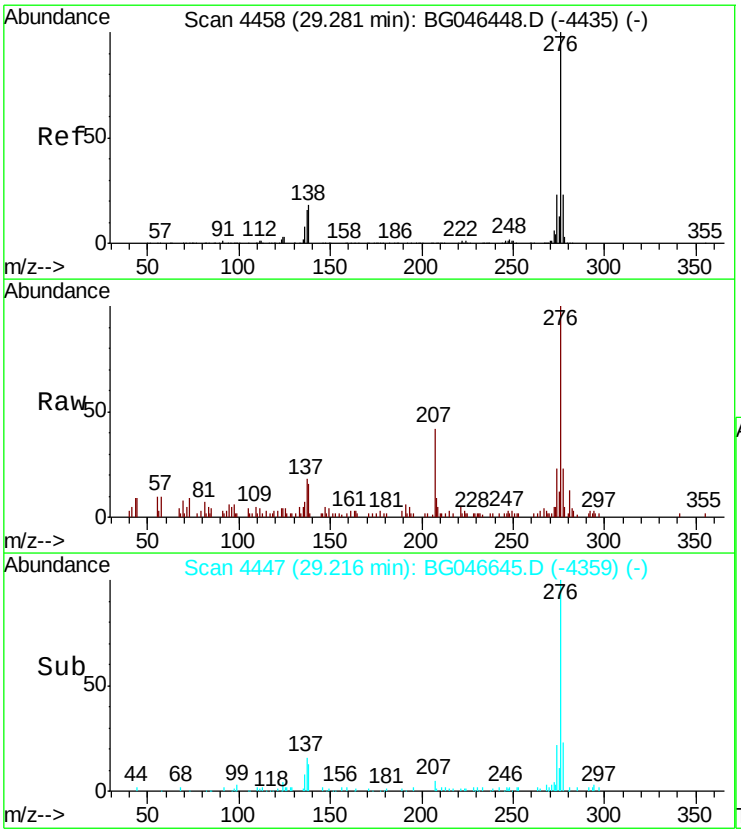
#90
Benzo(a)pyrene
Concen: 2.786 ng
RT: 24.49 min Scan# 3642
Delta R.T. -0.01 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Instrument :
BNA_G
ClientSampleId :
B14-1-3

Tgt Ion:252 Resp: 69447

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	10.4	7.0	10.4





#92
Benzo(g,h,i)perylene
Concen: 2.113 ng
RT: 29.22 min Scan# 4447
Delta R.T. -0.01 min
Lab File: BG046645.D
Acq: 16 Sep 2020 18:01

Tgt Ion:276 Resp: 52302

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.6	29.4
138	15.7	13.4	20.2