Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
Data File : BG046647.D
Acq On : 16 Sep 2020 19:21
Operator : CG/JU
Sample : L4021-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B14-5-7

Quant Time: Sep 17 00:52:16 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	68398	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	283398	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	188397	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	427513	20.00	ng	0.00
76) Chrysene-d12	21.54	240	429674	20.00	ng	0.00
86) Perylene-d12	24.64	264	429454	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	332888	86.20	ng	0.00
7) Phenol-d6	7.09	99	473112	86.42	ng	0.00
23) Nitrobenzene-d5	9.07	82	310127	62.55	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	189284	74.15	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	831065	67.34	ng	0.00
79) Terphenyl-d14	19.91	244	1213171	60.09	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.12	94	24418	4.843	ng	85
50) Dimethylphthalate	14.00	163	98993	6.792	ng	99
71) Phenanthrene	17.34	178	57935	2.674	ng	97
75) Fluoranthene	19.35	202	124369	4.460	ng	97
78) Pyrene	19.71	202	114342	4.179	ng	97
81) Benzo(a)anthracene	21.52	228	62898	2.349	ng	95
83) Chrysene	21.58	228	65207	2.531	ng	96
88) Benzo(b)fluoranthene	23.66	252	85178	3.176	ng	98
90) Benzo(a)pyrene	24.49	252	57120	2.283	ng	98

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

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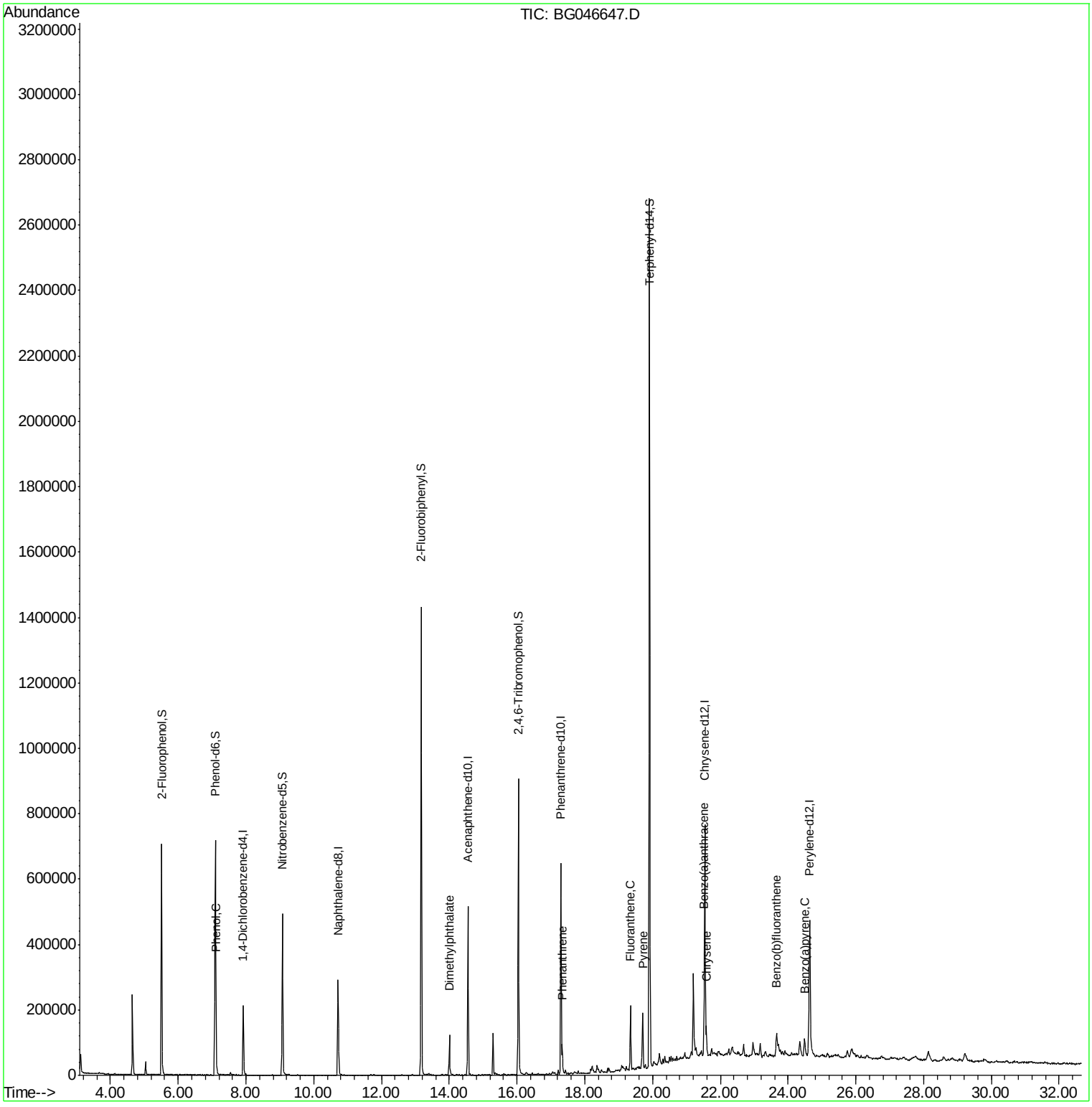
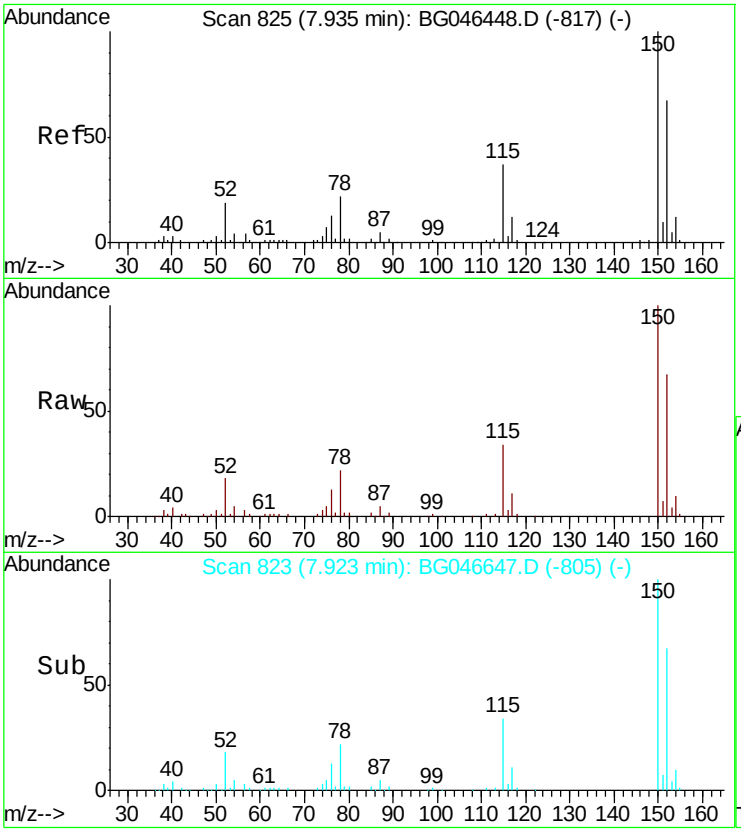


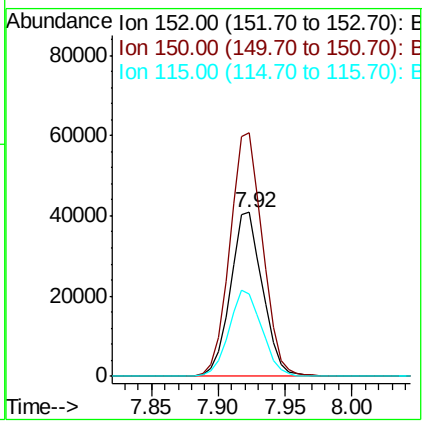


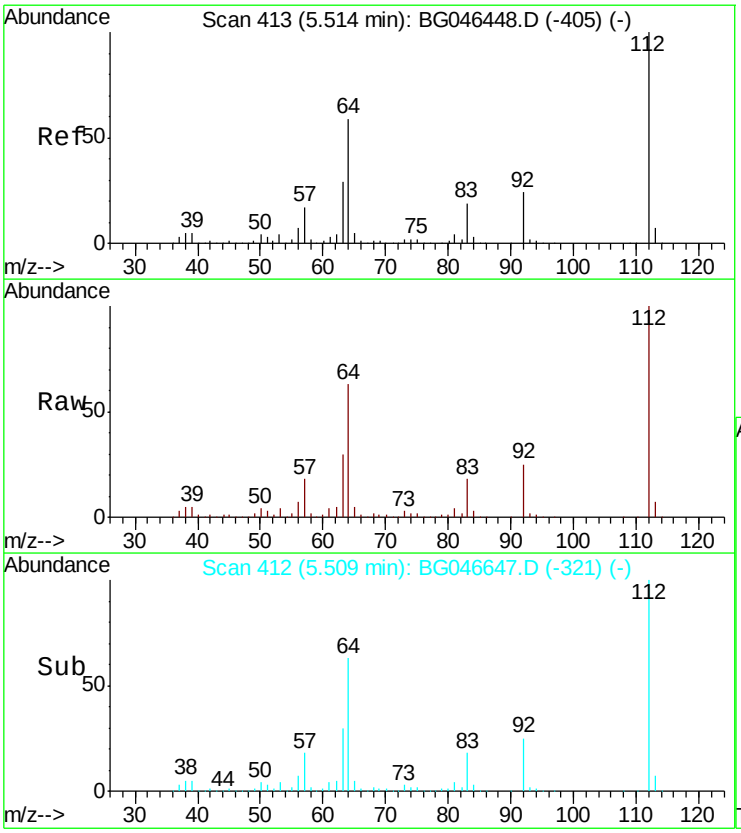
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.01 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Instrument :
BNA_G
ClientSampleId :
B14-5-7

Tgt Ion:152 Resp: 68398

Ion	Ratio	Lower	Upper
152	100		
150	148.7	125.0	187.6
115	50.5	41.8	62.6

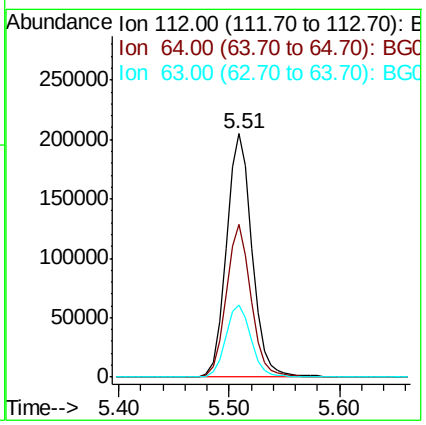


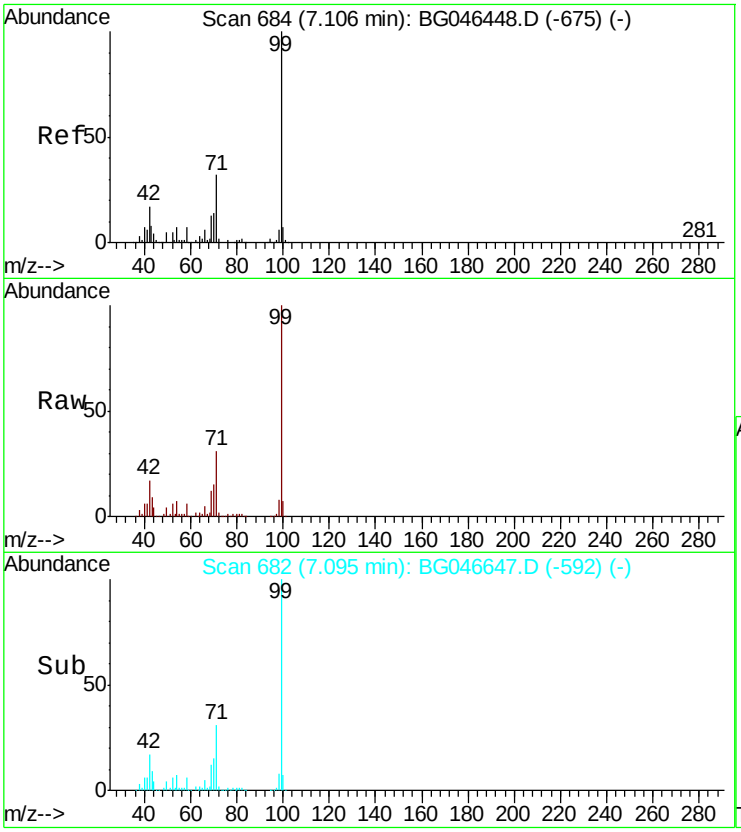


#5
2-Fluorophenol
Concen: 86.202 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.01 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Tgt Ion:112 Resp: 332888

Ion	Ratio	Lower	Upper
112	100		
64	62.6	46.7	70.1
63	29.8	22.8	34.2



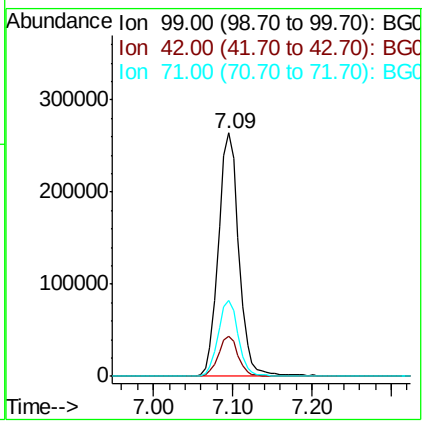


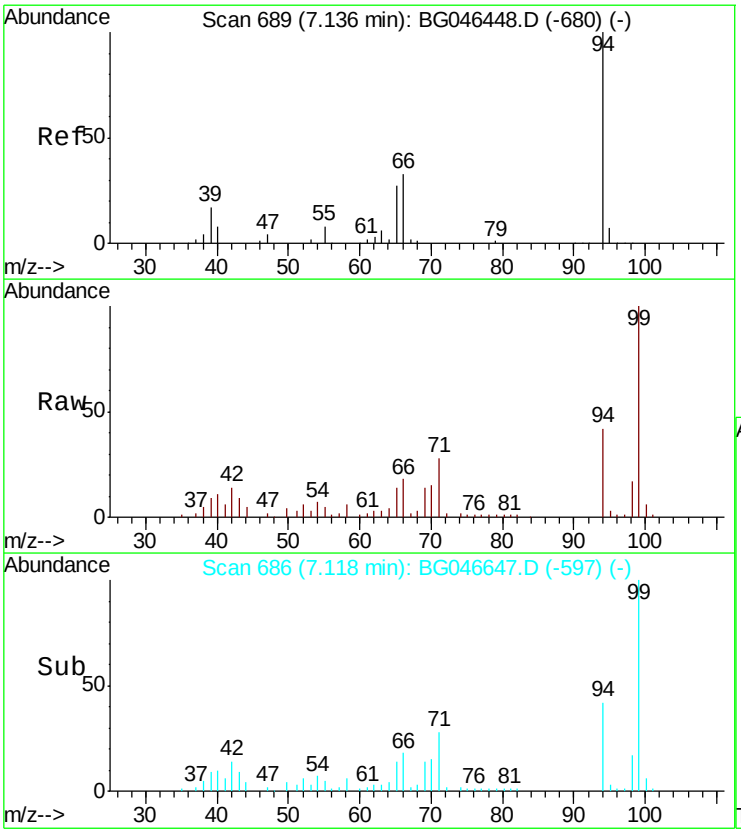
#7
Phenol-d6
Concen: 86.423 ng
RT: 7.09 min Scan# 682
Delta R.T. -0.00 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Instrument :
BNA_G
ClientSampleId :
B14-5-7

Tgt Ion: 99 Resp: 473112

Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.8	19.2
71	31.4	24.6	36.8

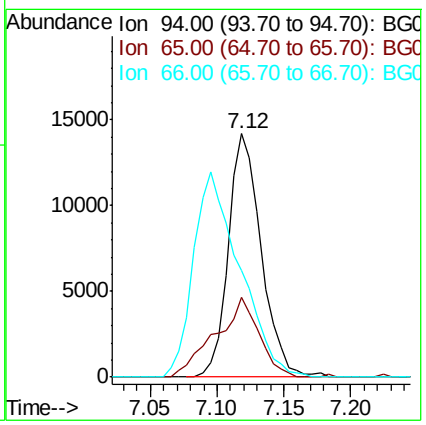


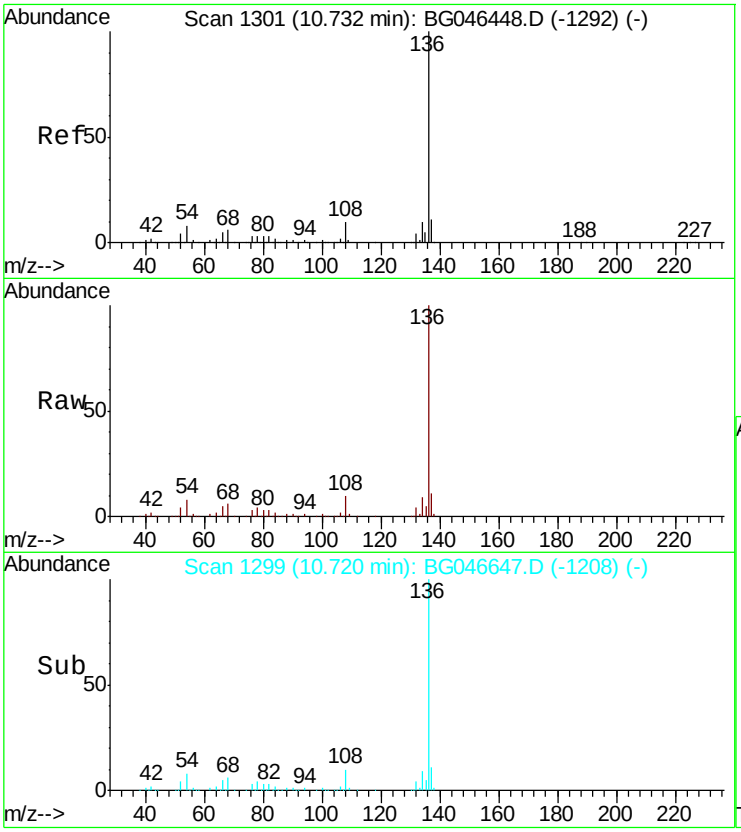


#10
Phenol
Concen: 4.843 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.01 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Tgt Ion: 94 Resp: 24418

Ion	Ratio	Lower	Upper
94	100		
65	33.0	6.6	46.6
66	43.6	13.9	53.9



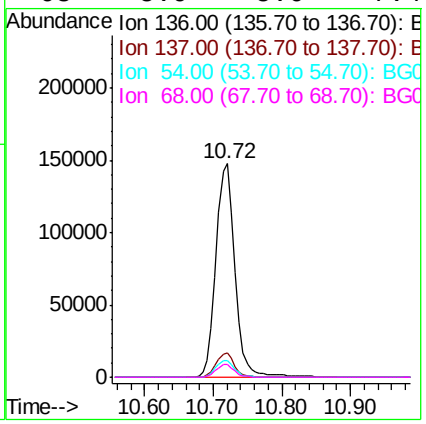


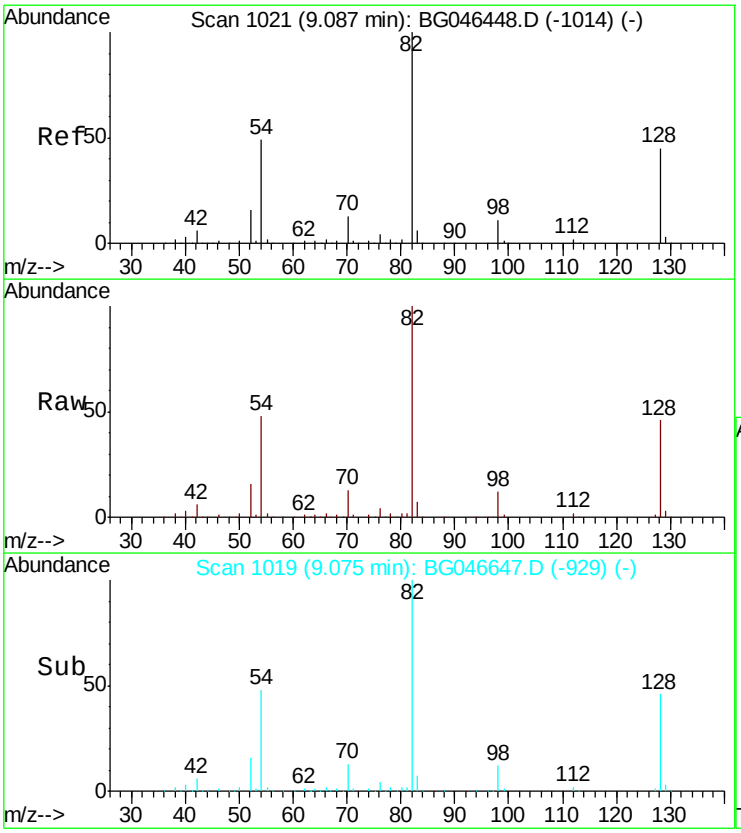
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Instrument :
BNA_G
ClientSampleId :
B14-5-7

Tgt Ion:136 Resp: 283398

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.8	6.2	9.4
68	5.9	5.0	7.4

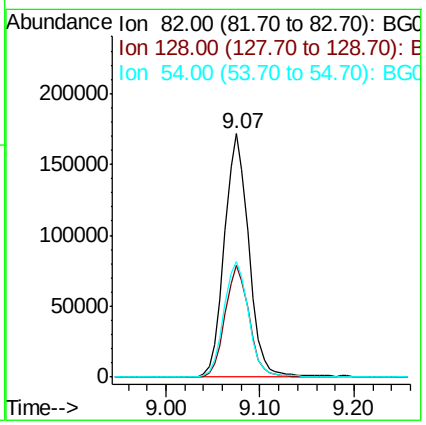


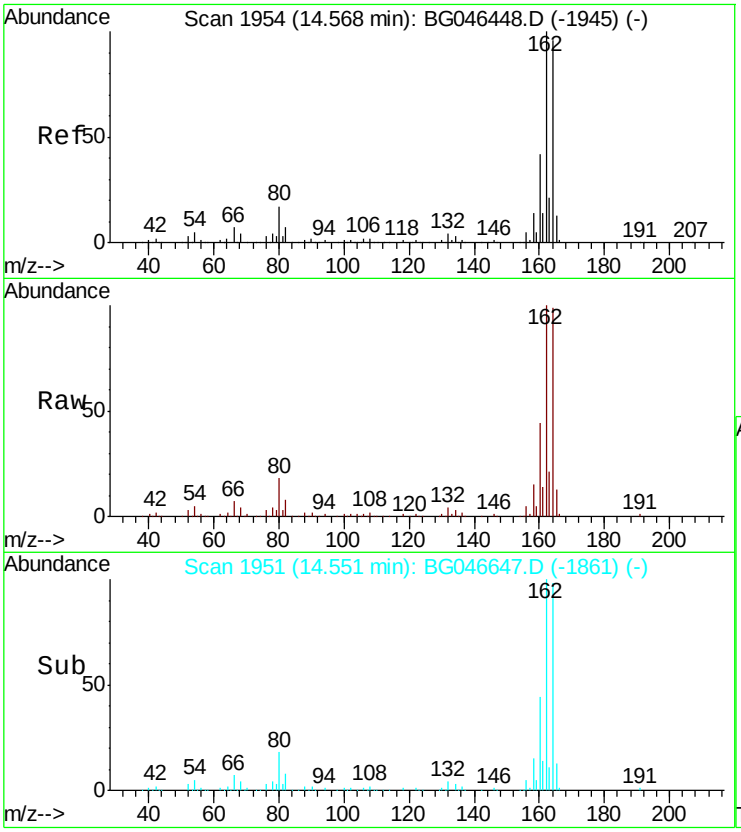


#23
Nitrobenzene-d5
Concen: 62.546 ng
RT: 9.07 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Tgt Ion: 82 Resp: 310127

Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.0	55.6
54	47.7	39.0	58.4



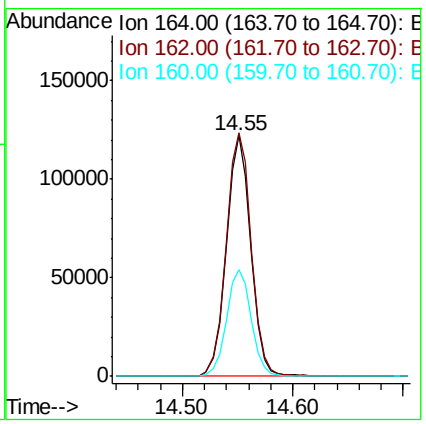


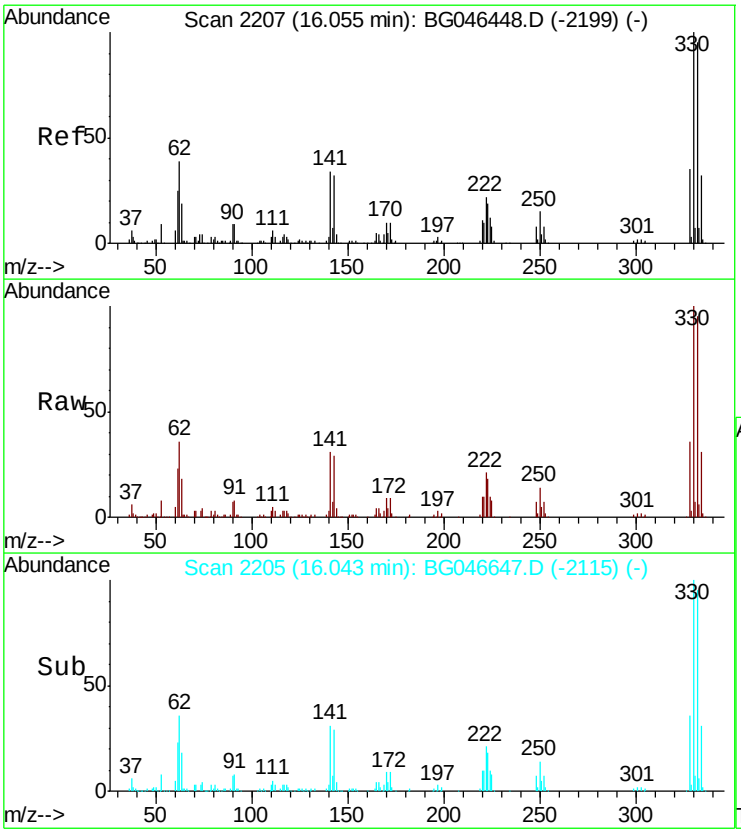
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Instrument :
BNA_G
ClientSampleId :
B14-5-7

Tgt Ion:164 Resp: 188397

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.3	123.5
160	44.2	35.3	52.9

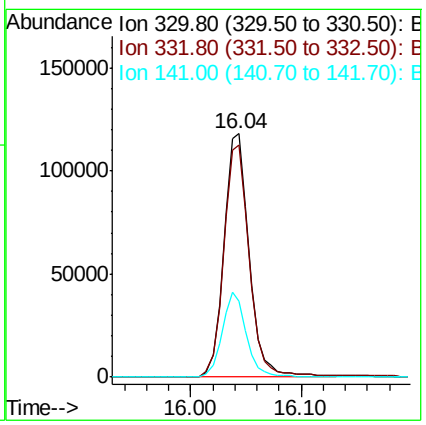


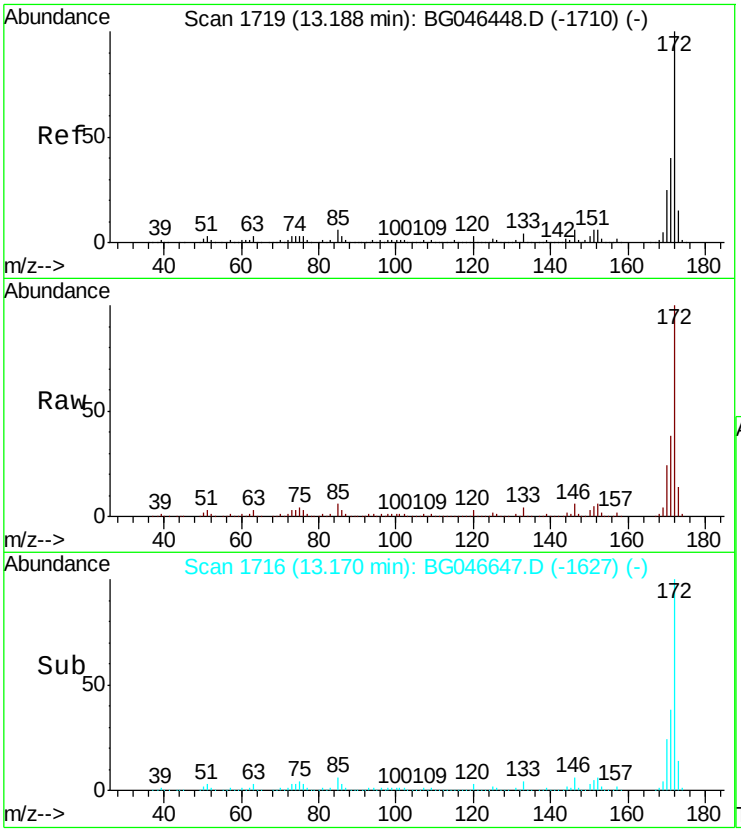


#42
2,4,6-Tribromophenol
Concen: 74.152 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Tgt Ion:330 Resp: 189284

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.5	114.7
141	33.6	26.0	39.0



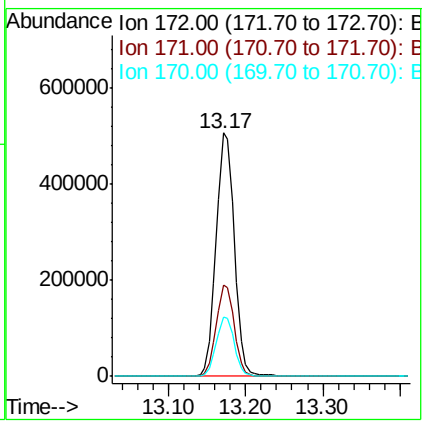


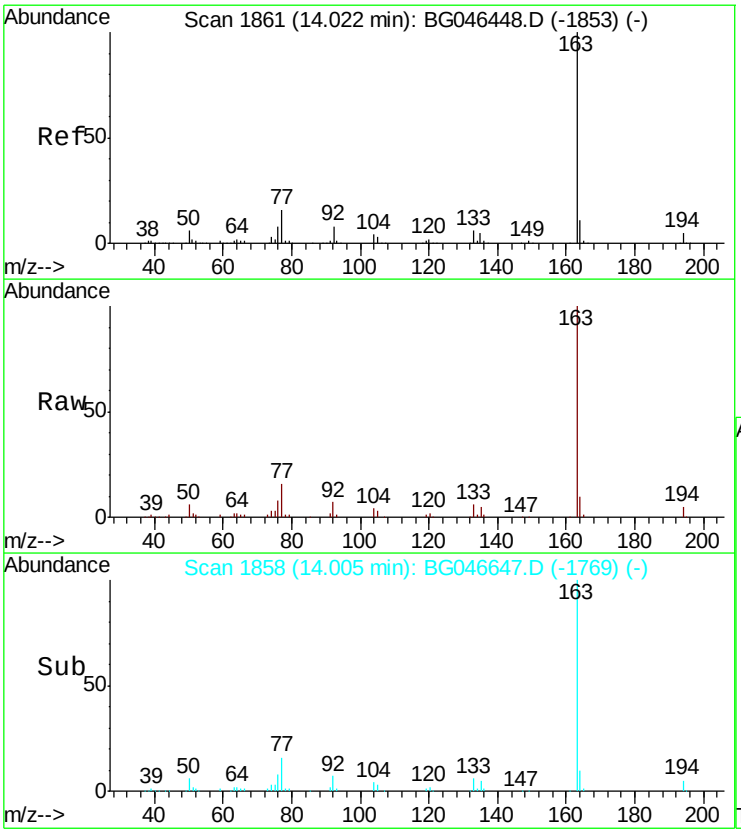
#45
2-Fluorobiphenyl
Concen: 67.340 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Instrument :
BNA_G
ClientSampleId :
B14-5-7

Tgt Ion:172 Resp: 831065

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	24.1	20.8	31.2

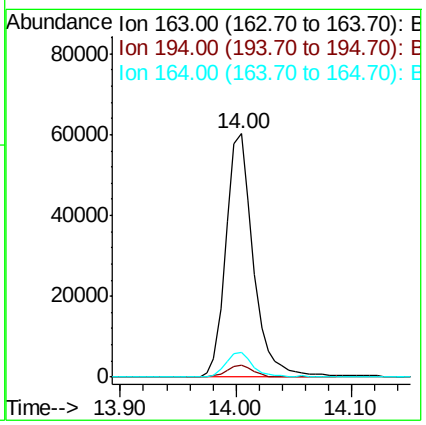


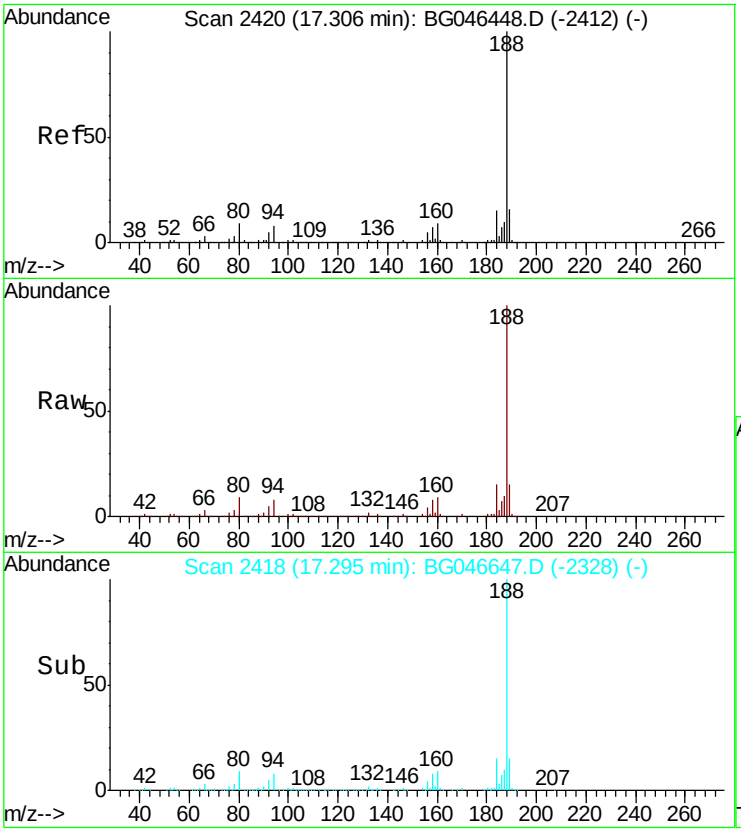


#50
Dimethylphthalate
Concen: 6.792 ng
RT: 14.00 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Tgt Ion:163 Resp: 98993

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.8
164	10.3	8.8	13.2



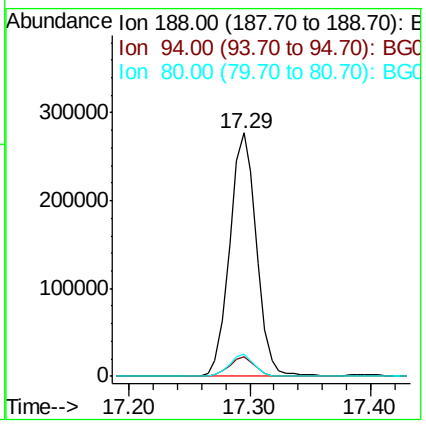


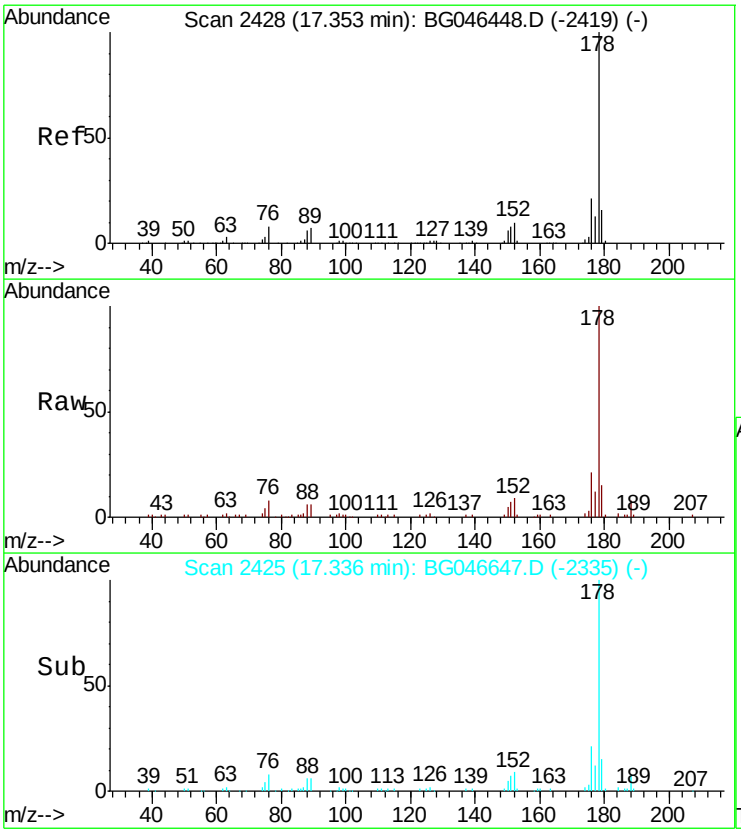
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Instrument :
BNA_G
ClientSampleId :
B14-5-7

Tgt Ion:188 Resp: 427513

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.3	9.5
80	8.9	7.0	10.6

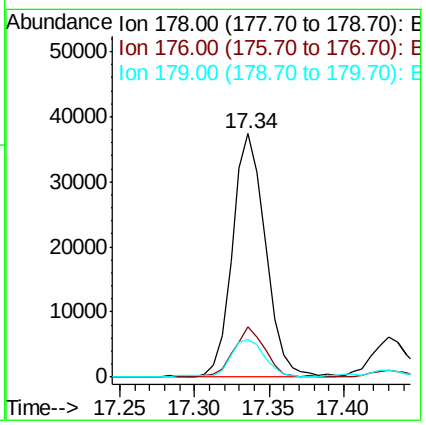


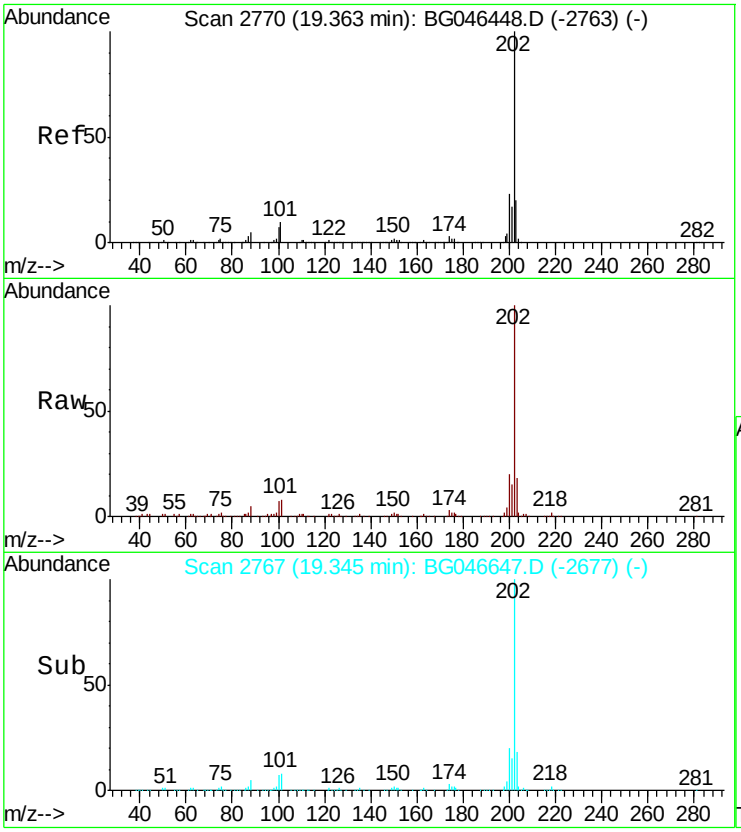


#71
Phenanthrene
Concen: 2.674 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Tgt Ion:178 Resp: 57935

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.7	25.1
179	15.3	14.0	21.0



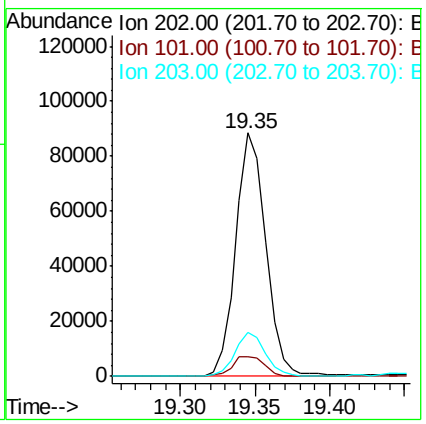


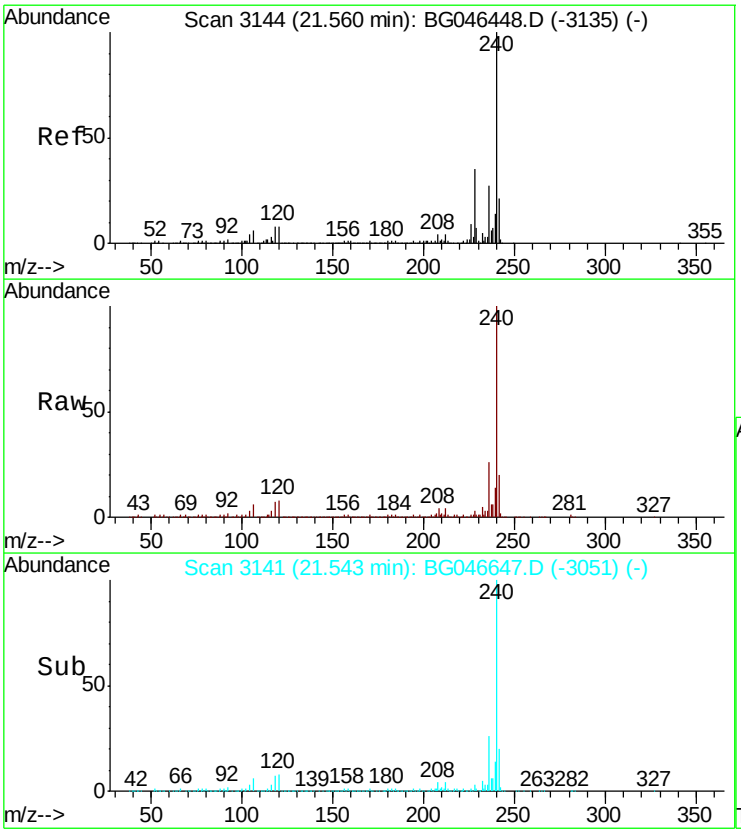
#75
Fluoranthene
Concen: 4.460 ng
RT: 19.35 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Instrument :
BNA_G
ClientSampleId :
B14-5-7

Tgt Ion:202 Resp: 124369

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	29.7
203	17.8	0.0	39.2

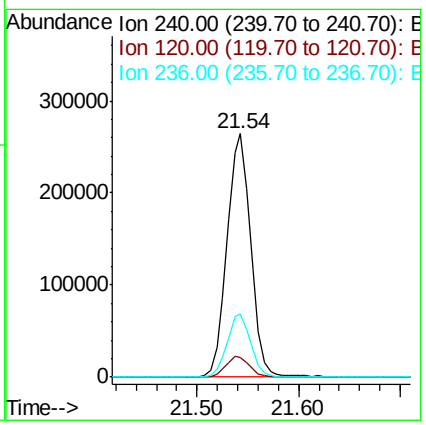


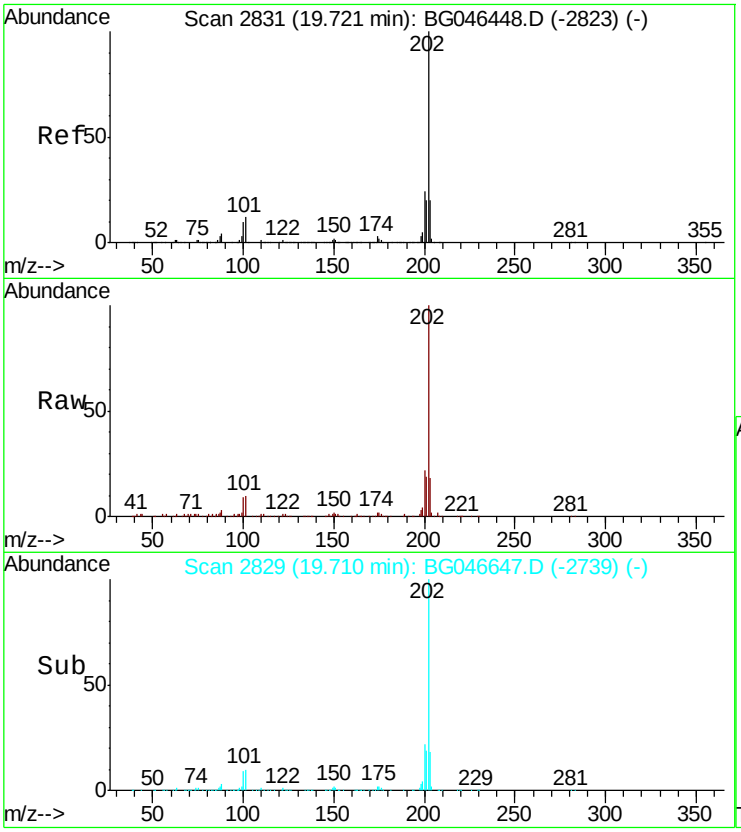


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Tgt Ion:240 Resp: 429674

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.2	9.4
236	25.7	20.5	30.7



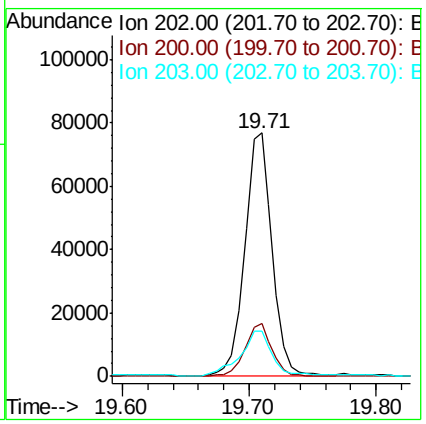


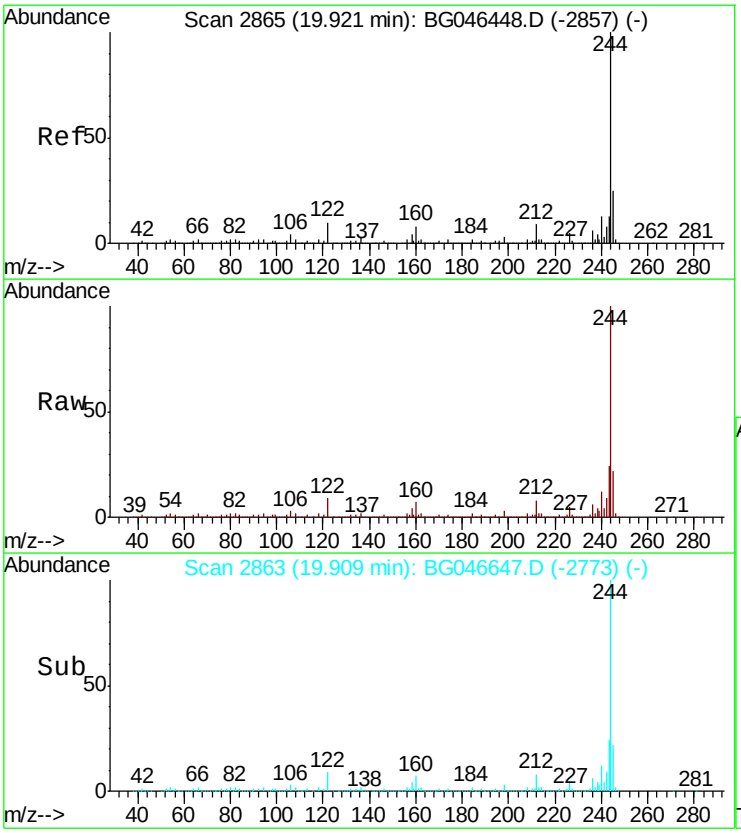
#78
Pyrene
Concen: 4.179 ng
RT: 19.71 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Instrument :
BNA_G
ClientSampleId :
B14-5-7

Tgt Ion:202 Resp: 114342

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.6	27.8
203	18.4	15.3	22.9

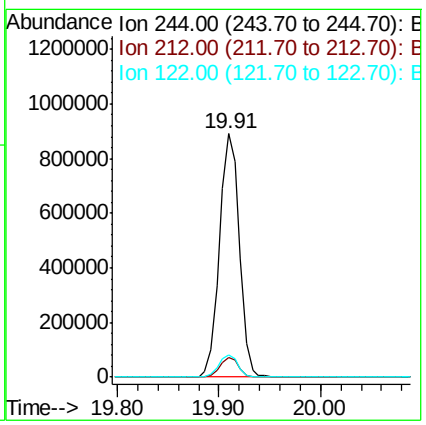


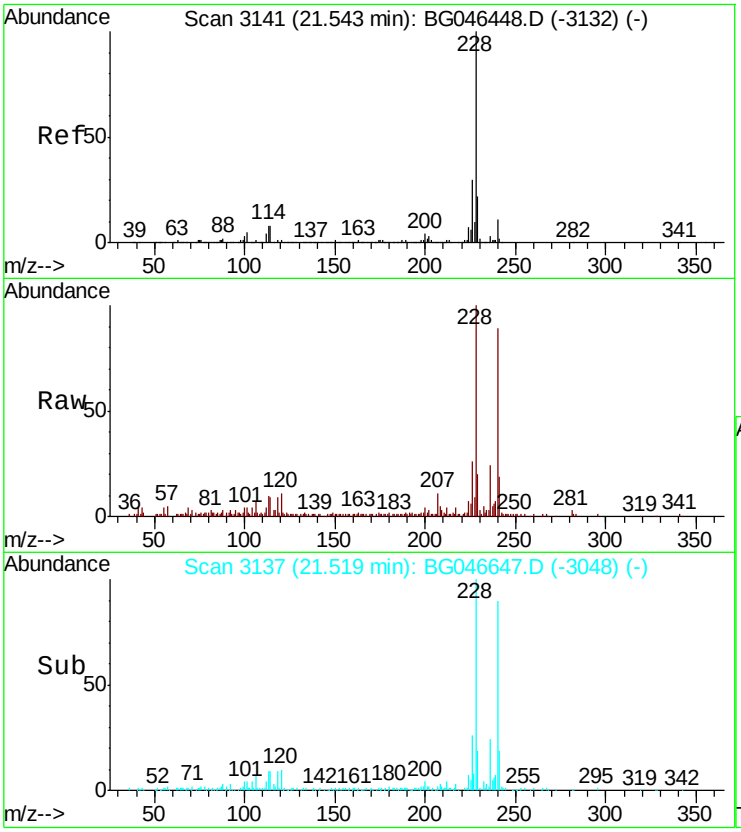


#79
Terphenyl-d14
Concen: 60.088 ng
RT: 19.91 min Scan# 2863
Delta R.T. -0.00 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Tgt Ion:244 Resp: 1213171

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.7	10.1
122	9.1	7.8	11.6



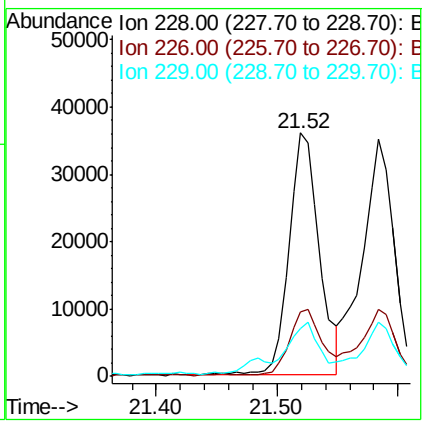


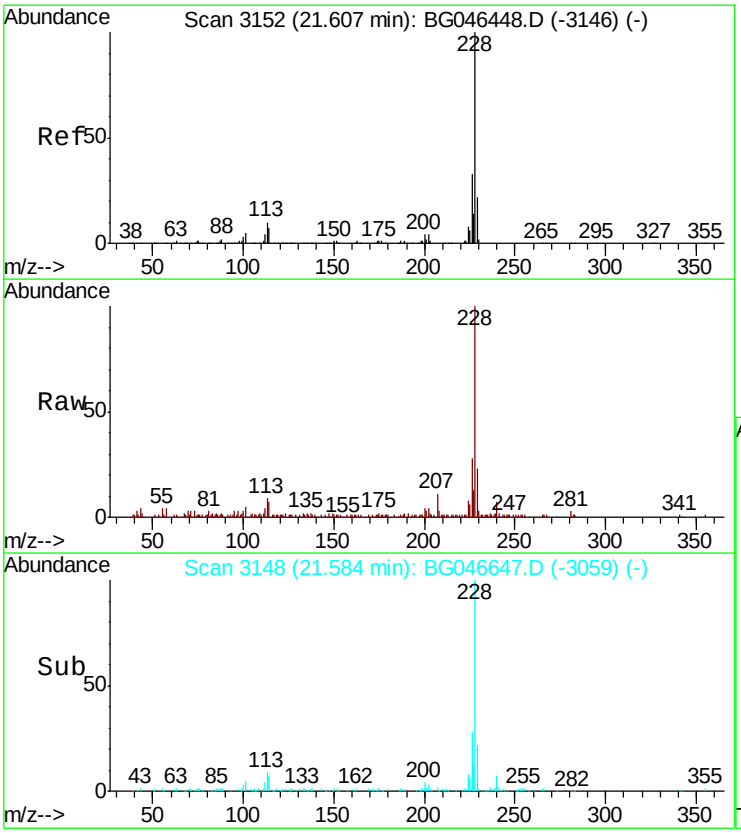
#81
Benzo(a)anthracene
Concen: 2.349 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Instrument :
BNA_G
ClientSampleId :
B14-5-7

Tgt Ion:228 Resp: 62898

Ion	Ratio	Lower	Upper
228	100		
226	26.2	23.3	34.9
229	19.9	17.4	26.0

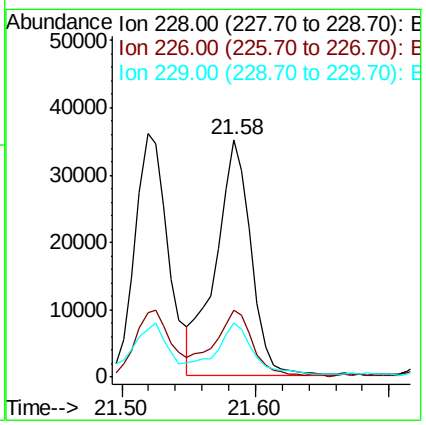


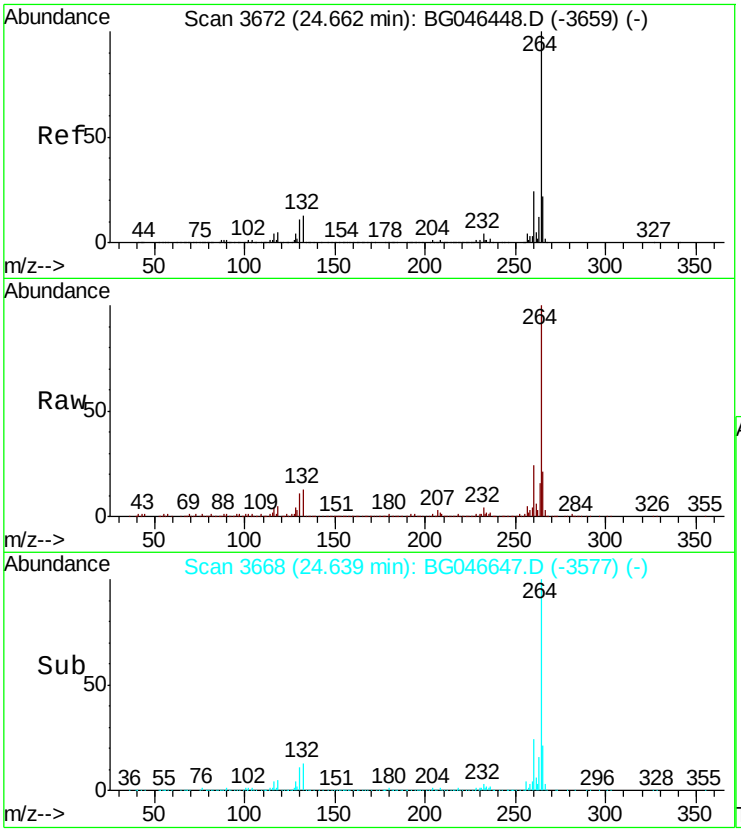


#83
Chrysene
Concen: 2.531 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Tgt Ion:228 Resp: 65207

Ion	Ratio	Lower	Upper
228	100		
226	28.3	25.0	37.4
229	23.0	17.3	25.9



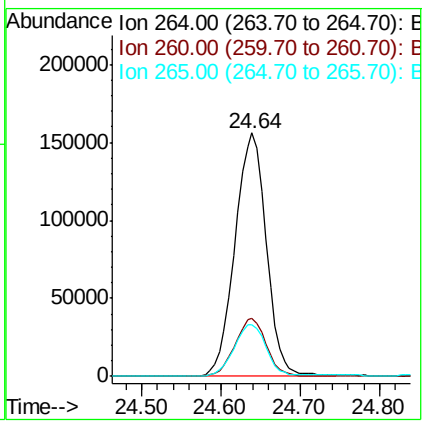


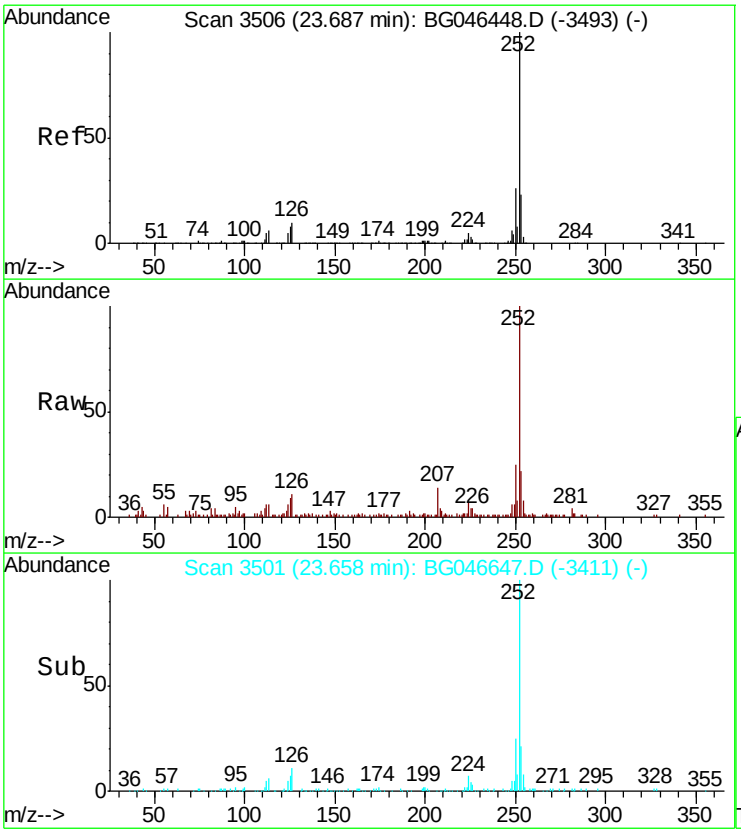
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. 0.01 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Instrument :
BNA_G
ClientSampleId :
B14-5-7

Tgt Ion:264 Resp: 429454

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.4	17.8	26.8

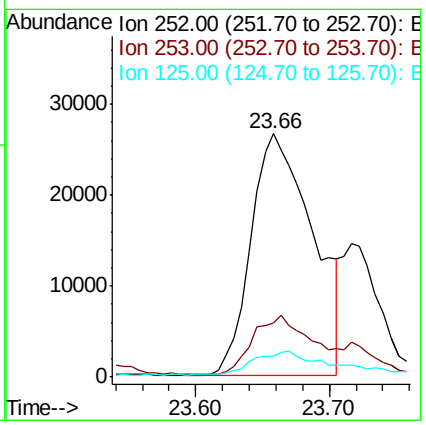


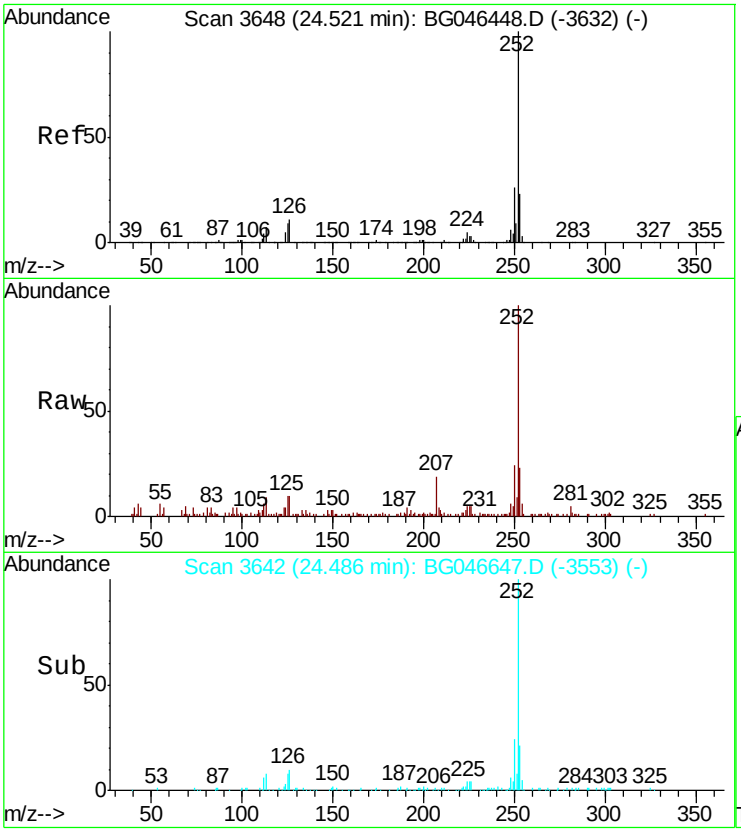


#88
Benzo(b)fluoranthene
Concen: 3.176 ng
RT: 23.66 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Tgt Ion:252 Resp: 85178

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.7	28.1
125	8.5	6.5	9.7





#90
Benzo(a)pyrene
Concen: 2.283 ng
RT: 24.49 min Scan# 3642
Delta R.T. -0.01 min
Lab File: BG046647.D
Acq: 16 Sep 2020 19:21

Instrument :
BNA_G
ClientSampleId :
B14-5-7

Tgt Ion:252 Resp: 57120

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	9.9	7.0	10.4