Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046292.D
Acq On : 15 Aug 2020 2:06
Operator : CG/JU
Sample : L3660-08 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-58

Quant Time: Aug 17 00:50:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	126125	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	513313	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	330077	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	648963	20.00	ng		0.00
76) Chrysene-d12	21.57	240	656091	20.00	ng		0.00
86) Perylene-d12	24.68	264	699686	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	253487	34.94	ng		0.00
7) Phenol-d6	7.12	99	339390	34.32	ng		0.00
23) Nitrobenzene-d5	9.10	82	227711	24.02	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	172631	34.05	ng		0.00
45) 2-Fluorobiphenyl	13.20	172	586376	25.81	ng		0.00
79) Terphenyl-d14	19.93	244	747588	23.21	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.10	70	28788	4.473	ng	#	75
57) 2,4-Dinitrotoluene	14.57	165	44845	5.532	ng	#	29
71) Phenanthrene	17.36	178	122398	3.443	ng		97
72) Anthracene	17.36	178	122398	3.462	ng		98
75) Fluoranthene	19.37	202	323422	7.287	ng		96
78) Pyrene	19.73	202	276802	6.279	ng		95
81) Benzo(a)anthracene	21.55	228	144625	3.294	ng		97
83) Chrysene	21.61	228	163012	3.790	ng		96
84) Bis(2-ethylhexyl)phthalate	21.47	149	46581	2.040	ng	#	99
88) Benzo(b)fluoranthene	23.69	252	241582	5.152	ng		98
89) Benzo(k)fluoranthene	23.69	252	241582	5.253	ng		99
90) Benzo(a)pyrene	24.53	252	153450	3.517	ng		98
92) Benzo(g,h,i)perylene	29.27	276	105113	2.333	ng		98

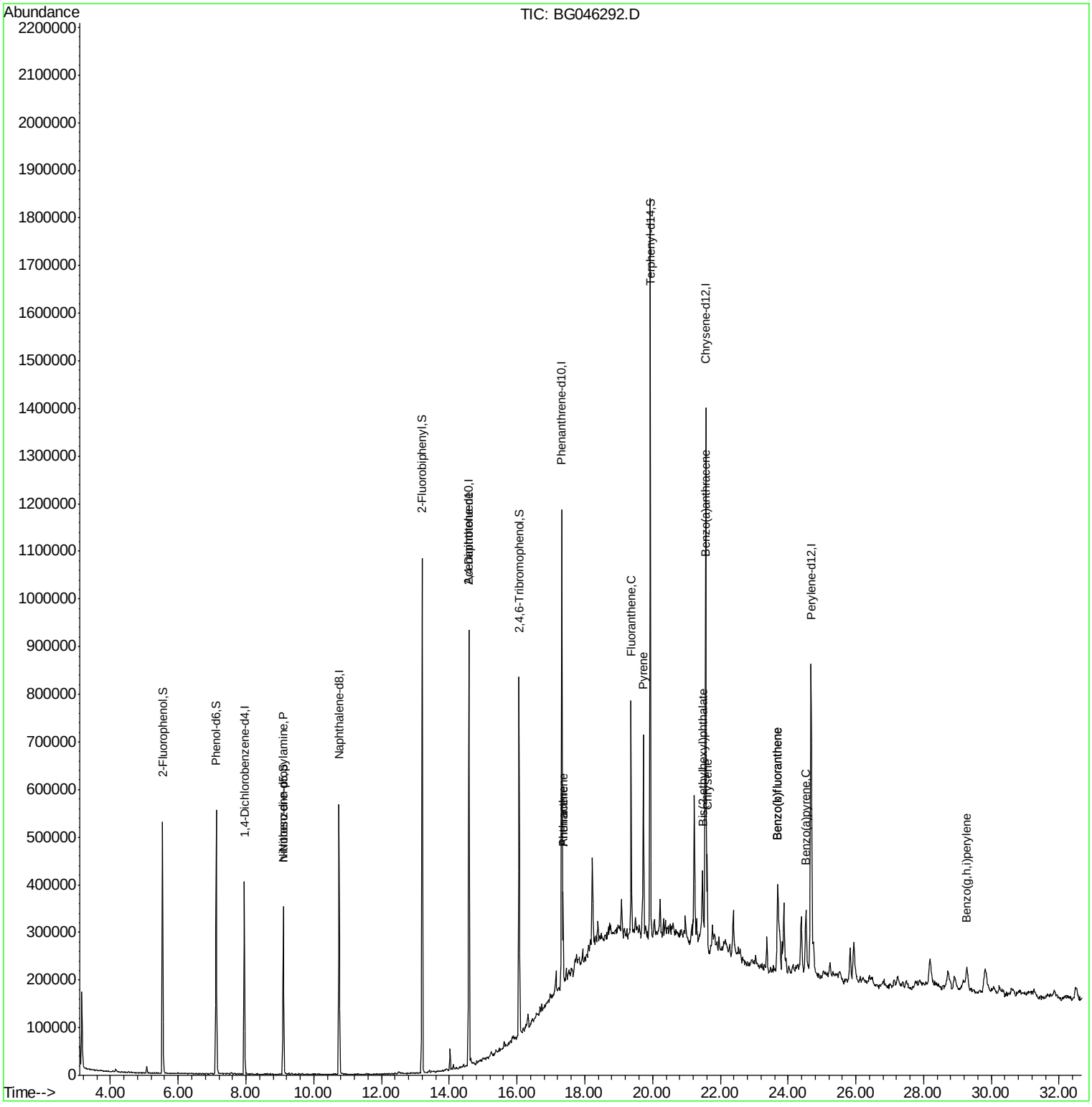
(#) = qualifier out of range (m) = manual integration (+) = signals summed

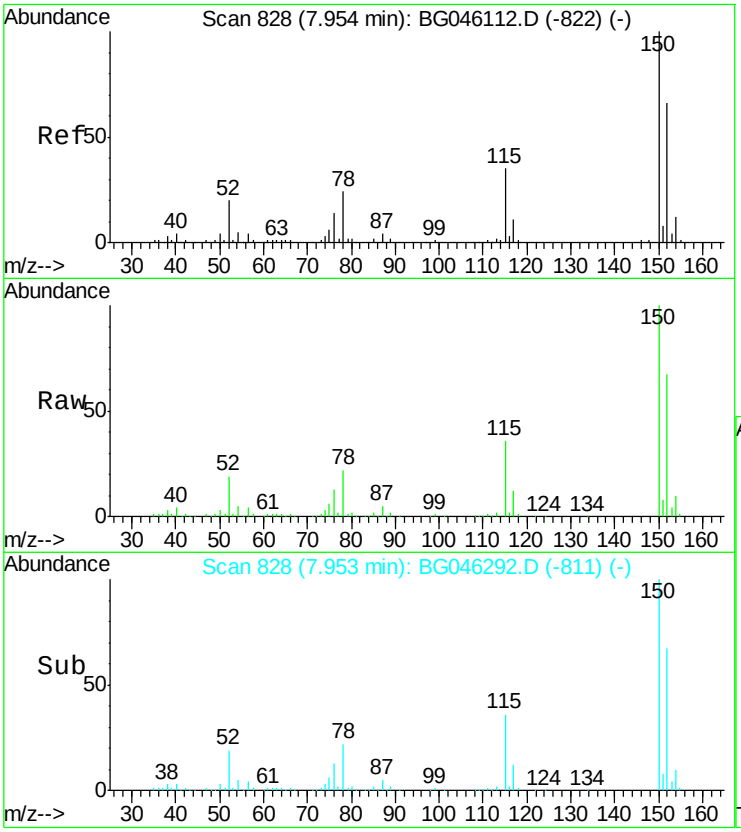
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046292.D
Acq On : 15 Aug 2020 2:06
Operator : CG/JU
Sample : L3660-08 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-58

Quant Time: Aug 17 00:50:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration



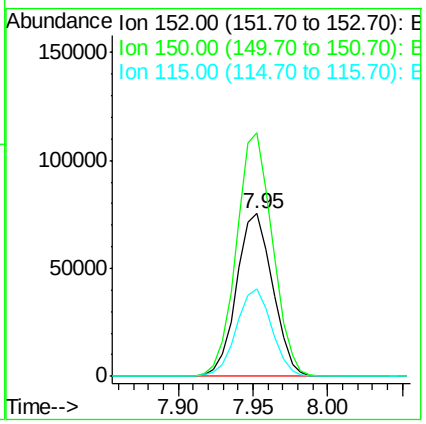


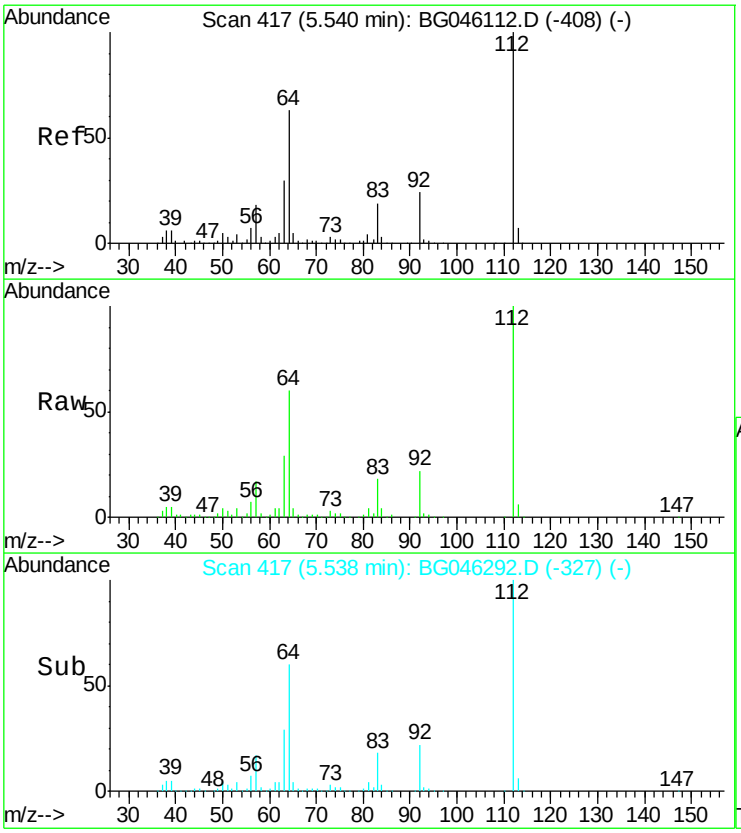
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Instrument :
BNA_G
ClientSampleId :
RBR-58

Tgt Ion:152 Resp: 126125

Ion	Ratio	Lower	Upper
152	100		
150	149.8	122.1	183.1
115	53.7	43.2	64.8

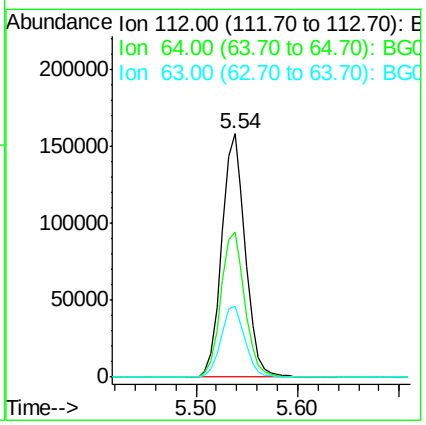


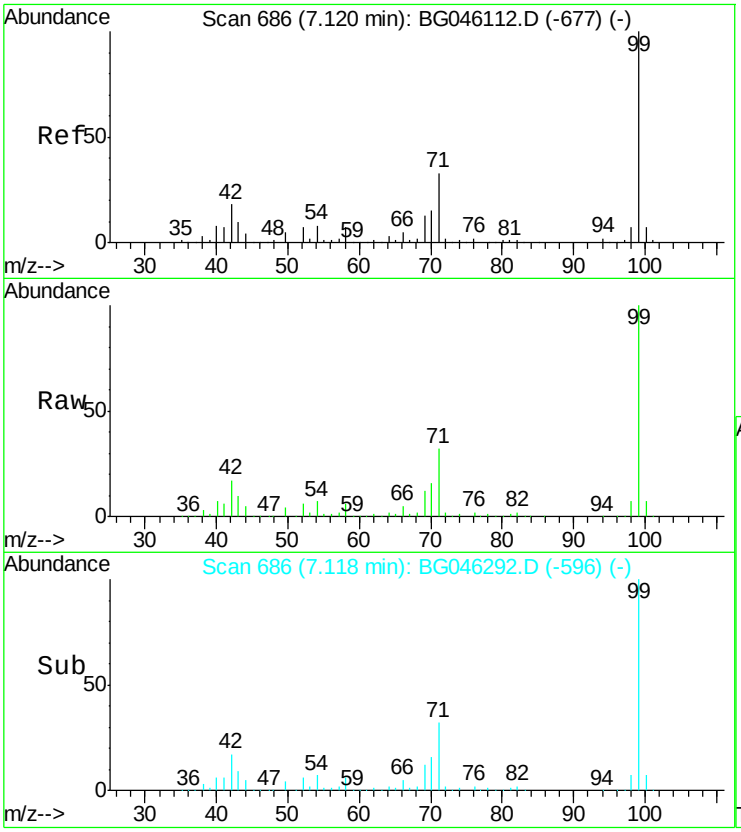


#5
2-Fluorophenol
Concen: 34.938 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Tgt Ion:112 Resp: 253487

Ion	Ratio	Lower	Upper
112	100		
64	59.7	50.2	75.2
63	28.9	24.2	36.4



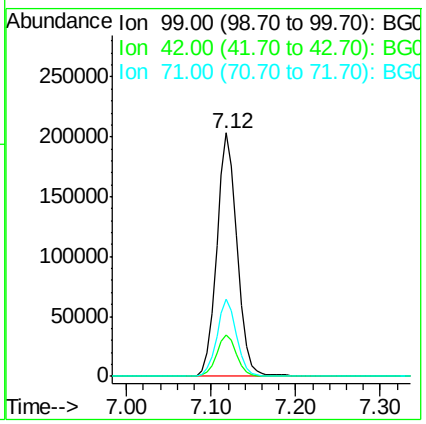


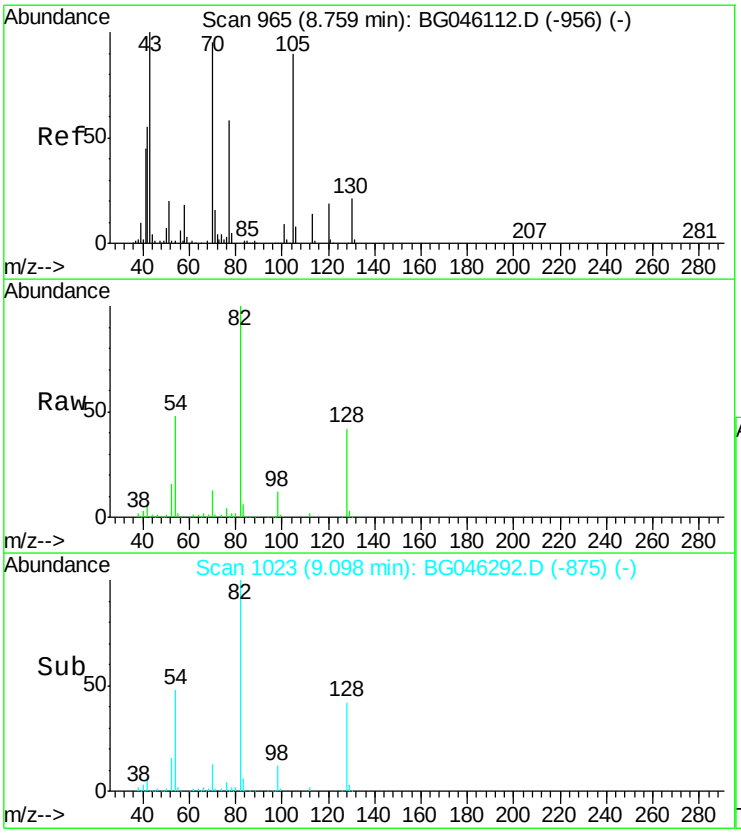
#7
Phenol-d6
Concen: 34.323 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.00 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Instrument :
BNA_G
ClientSampleId :
RBR-58

Tgt Ion: 99 Resp: 339390

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.7	22.1
71	31.5	26.5	39.7

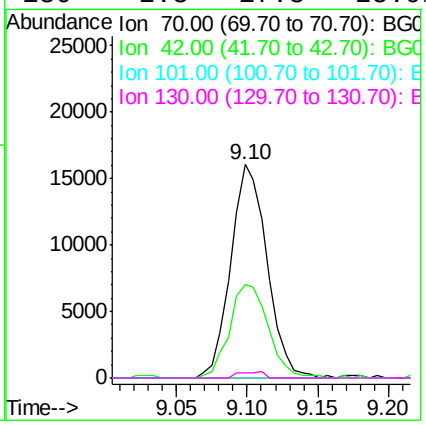


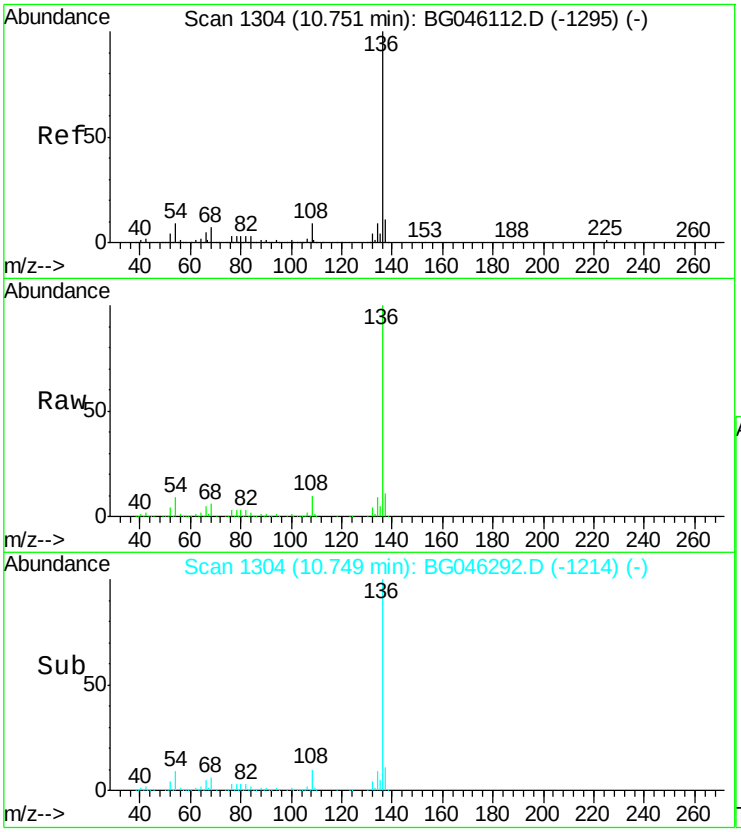


#19
n-Nitroso-di-n-propylamine
Concen: 4.473 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.34 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Tgt Ion: 70 Resp: 28788

Ion	Ratio	Lower	Upper
70	100		
42	43.5	46.5	69.7#
101	0.0	7.6	11.4#
130	2.3	17.3	25.9#



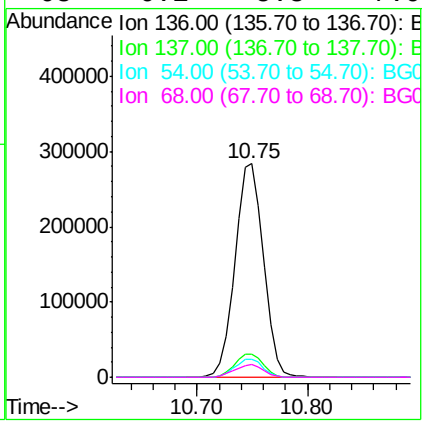


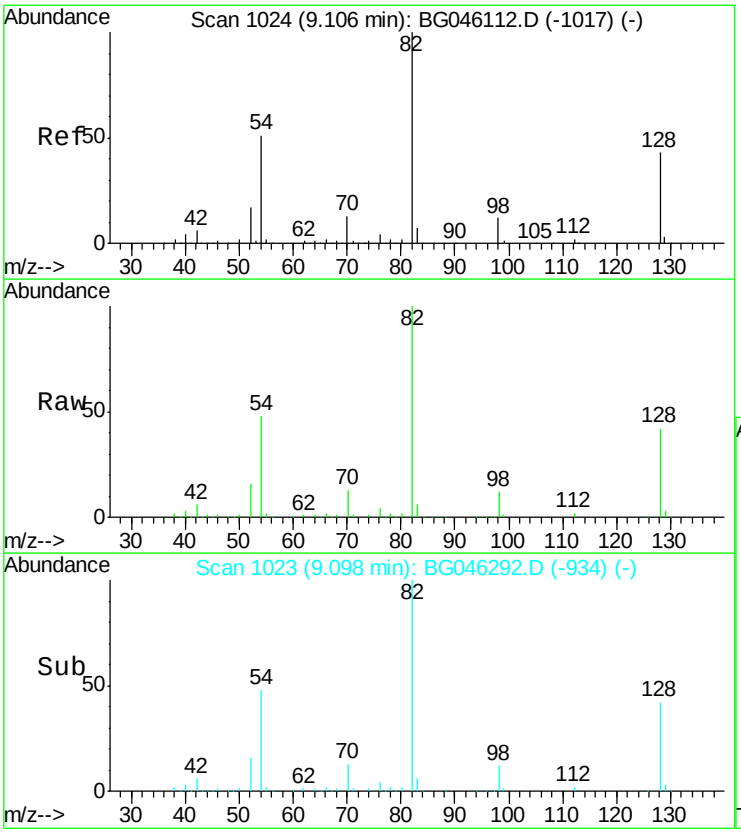
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Instrument :
BNA_G
ClientSampleId :
RBR-58

Tgt Ion:136 Resp: 513313

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.7	7.0	10.4
68	6.1	5.3	7.9

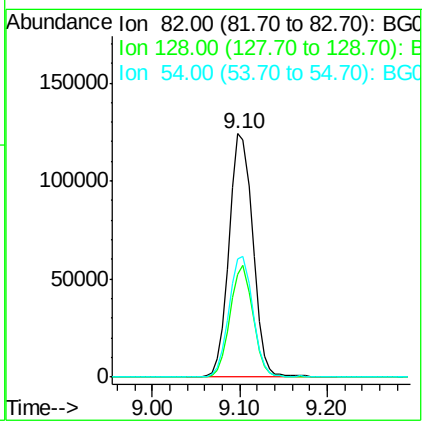


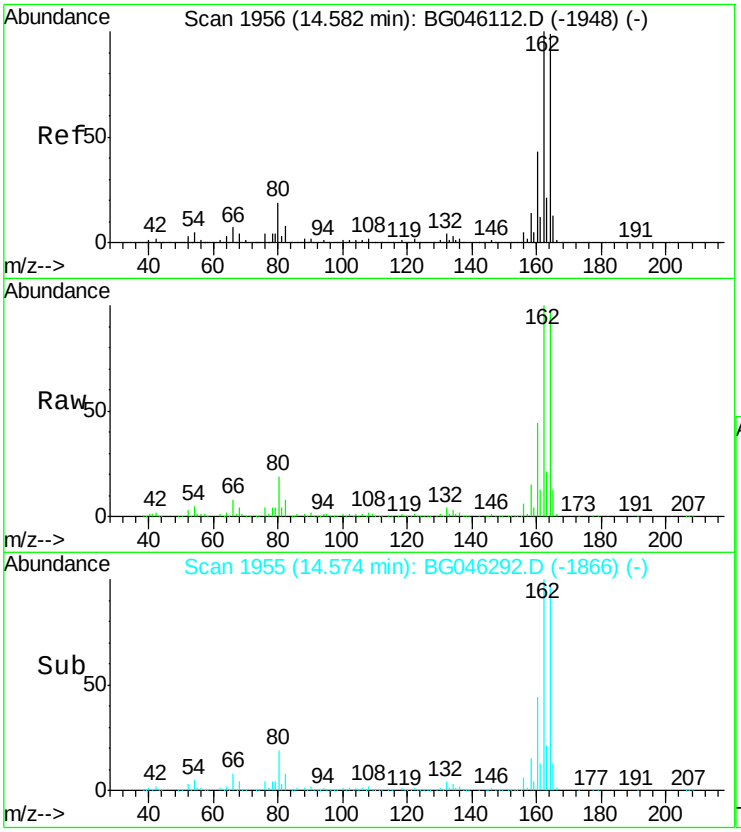


#23
Nitrobenzene-d5
Concen: 24.018 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Tgt Ion: 82 Resp: 227711

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.4	51.6
54	48.3	40.8	61.2



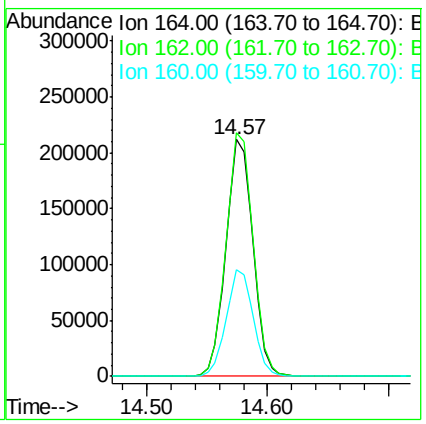


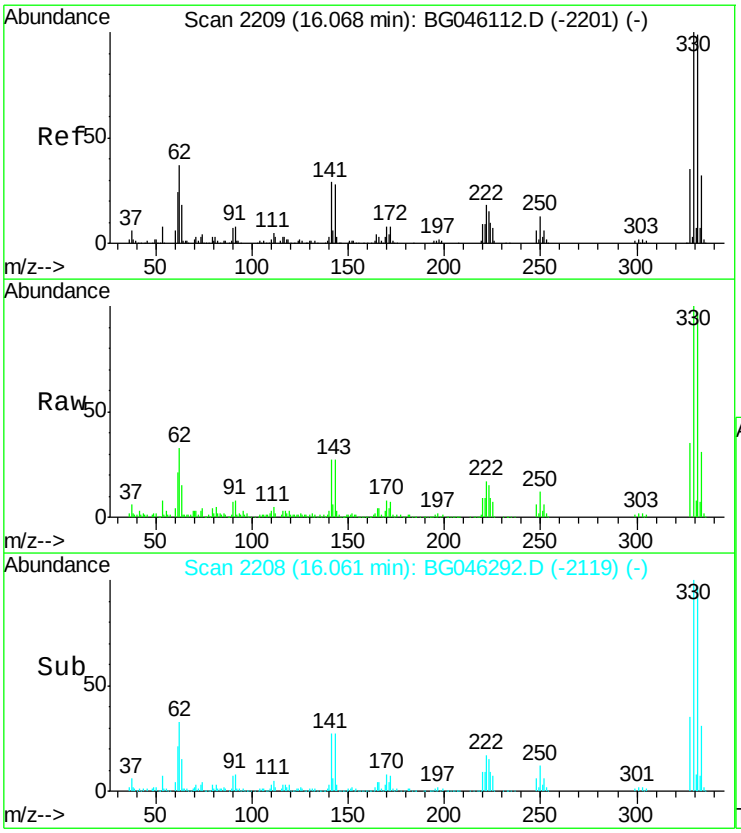
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Instrument :
BNA_G
ClientSampleId :
RBR-58

Tgt Ion:164 Resp: 330077

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.6	121.0
160	45.0	34.9	52.3

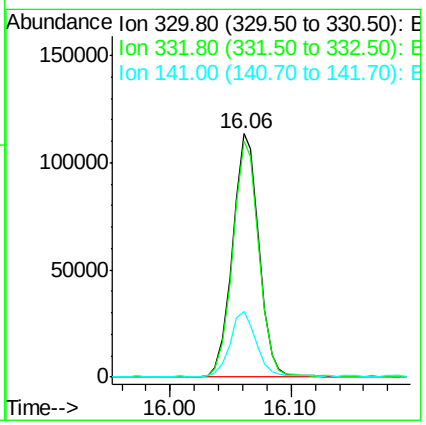


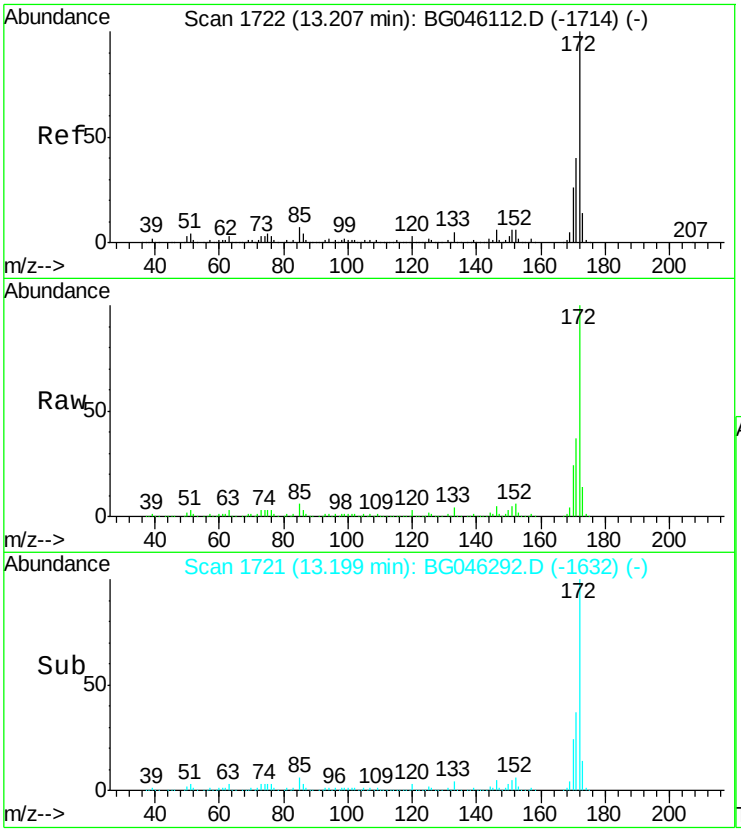


#42
2,4,6-Tribromophenol
Concen: 34.050 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Tgt Ion:330 Resp: 172631

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	26.3	23.4	35.0



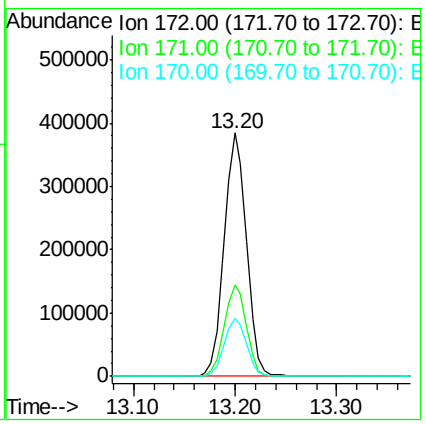


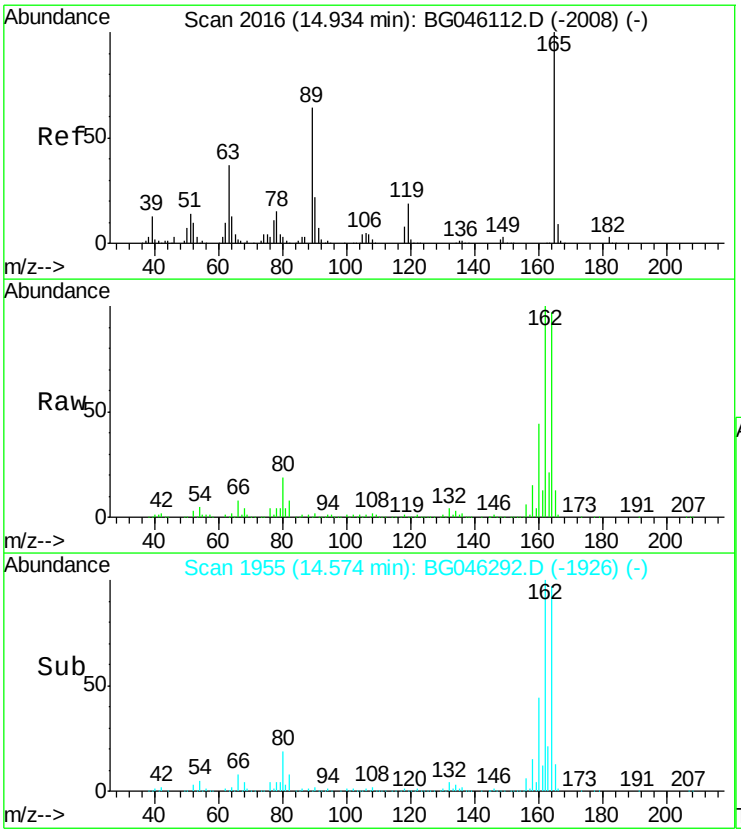
#45
2-Fluorobiphenyl
Concen: 25.806 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Instrument :
BNA_G
ClientSampleId :
RBR-58

Tgt Ion:172 Resp: 586376

Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.7	47.5
170	24.0	20.9	31.3

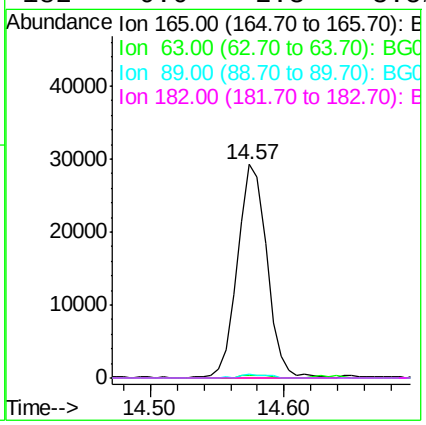


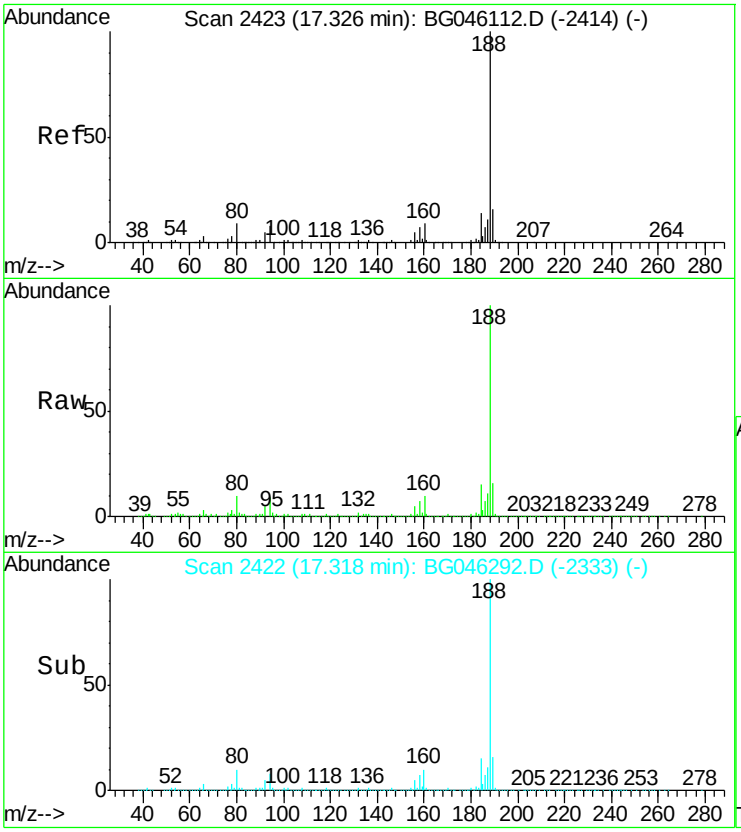


#57
2,4-Dinitrotoluene
Concen: 5.532 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.36 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Tgt Ion:165 Resp: 44845

Ion	Ratio	Lower	Upper
165	100		
63	1.3	30.1	45.1#
89	1.7	51.4	77.2#
182	0.0	2.3	3.5#



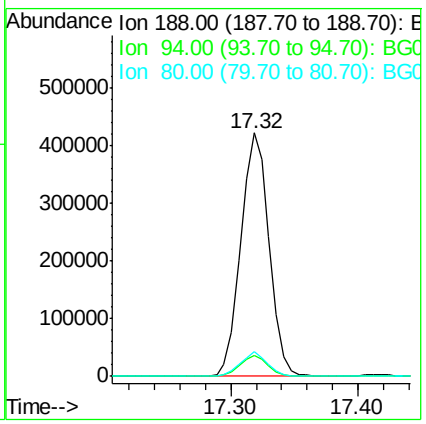


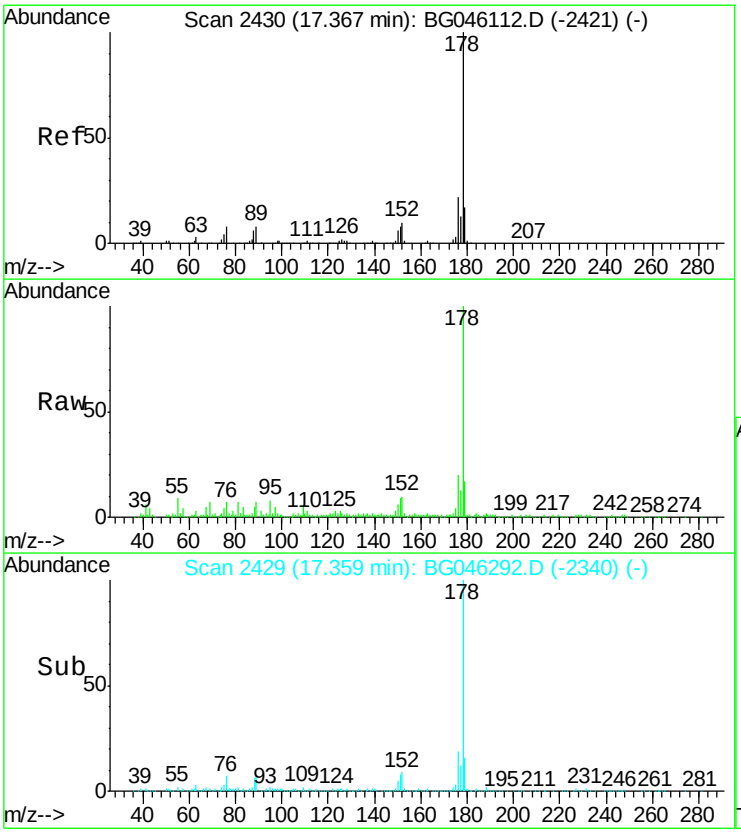
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Instrument :
BNA_G
ClientSampleId :
RBR-58

Tgt Ion:188 Resp: 648963

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.4	9.6
80	10.1	7.4	11.0

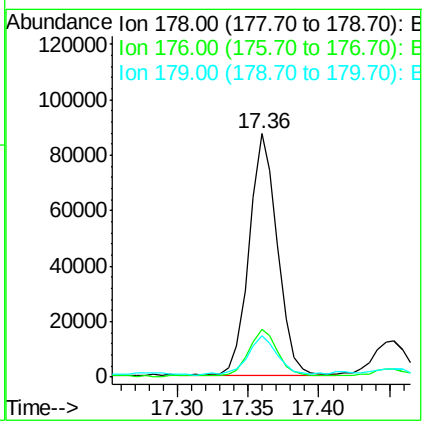


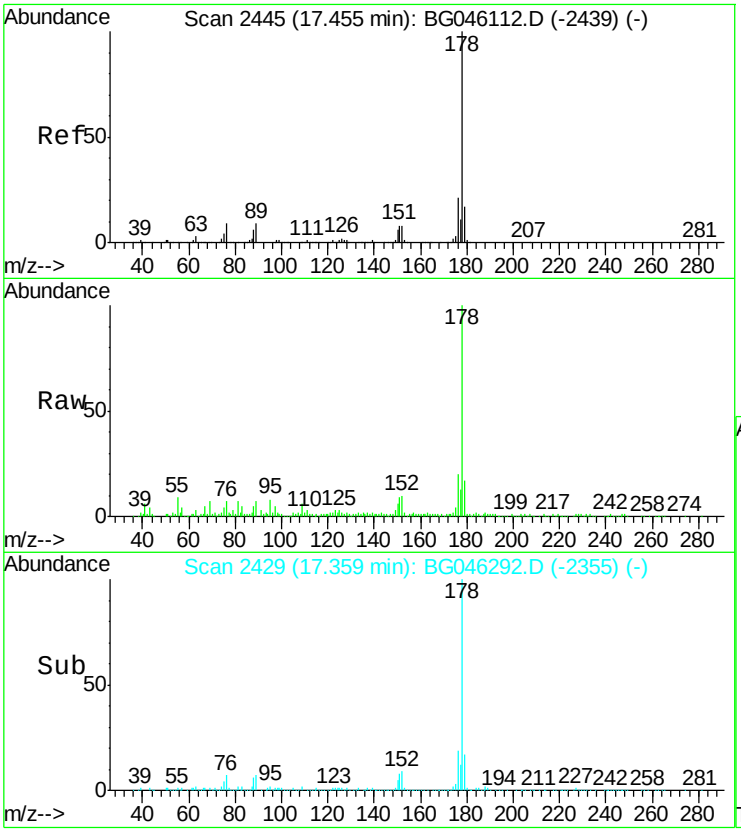


#71
Phenanthrene
Concen: 3.443 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Tgt Ion:178 Resp: 122398

Ion	Ratio	Lower	Upper
178	100		
176	19.5	17.3	25.9
179	17.1	13.8	20.6



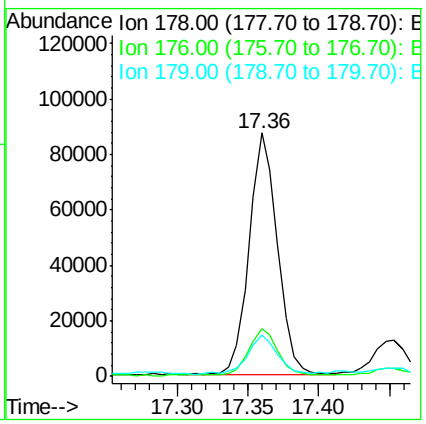


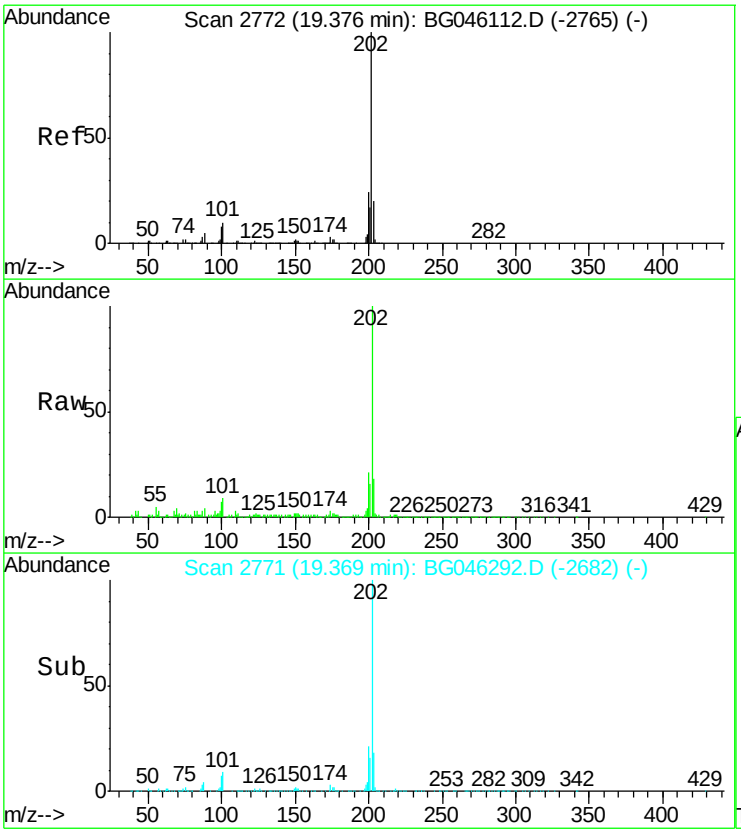
#72
Anthracene
Concen: 3.462 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.10 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Instrument :
BNA_G
ClientSampleId :
RBR-58

Tgt Ion:178 Resp: 122398

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	24.8
179	17.1	13.4	20.2

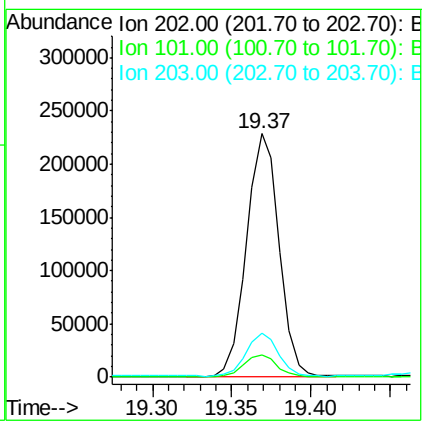


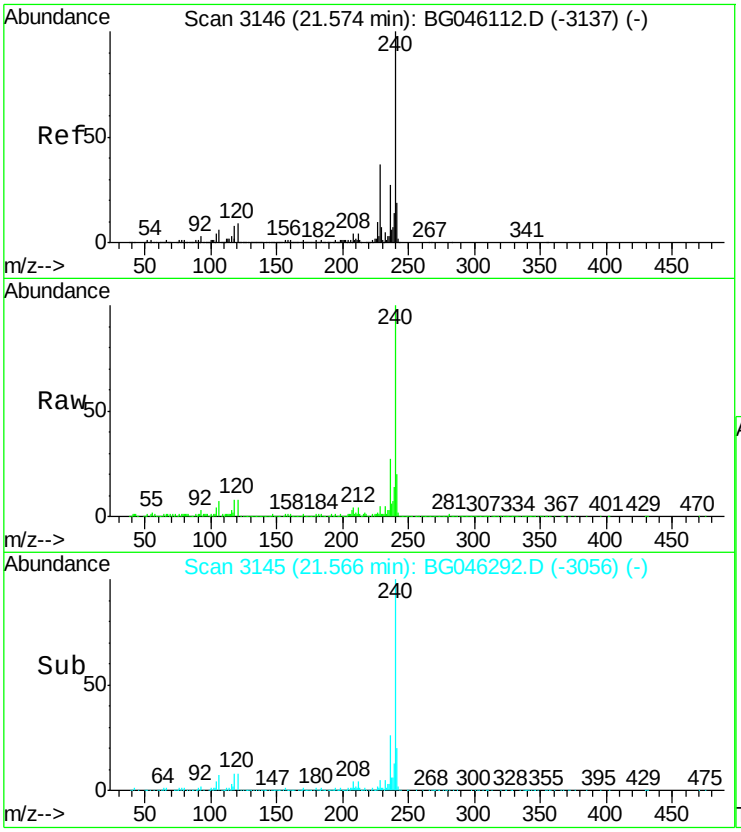


#75
Fluoranthene
Concen: 7.287 ng
RT: 19.37 min Scan# 2771
Delta R.T. -0.01 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Tgt Ion:202 Resp: 323422

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	30.0
203	18.0	0.2	40.2



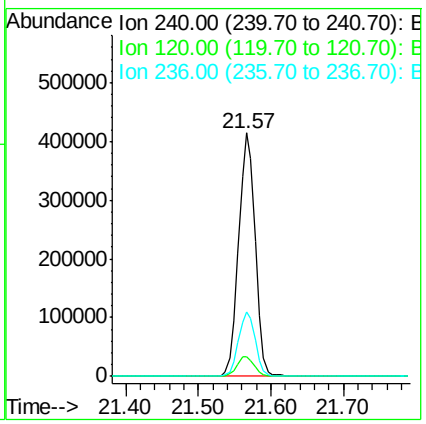


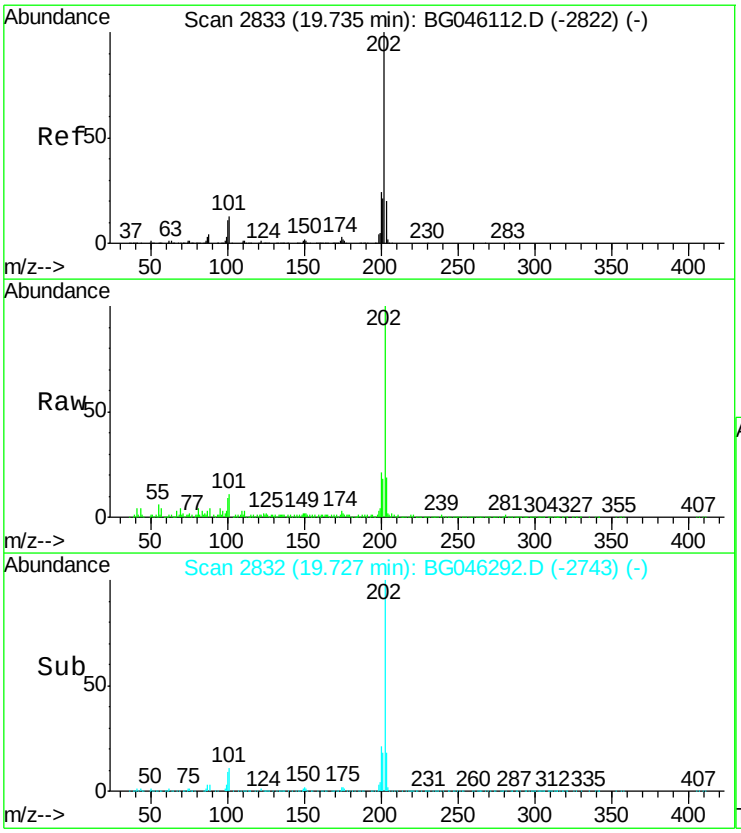
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Instrument :
BNA_G
ClientSampleId :
RBR-58

Tgt Ion:240 Resp: 656091

Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.1	10.7
236	26.5	21.7	32.5

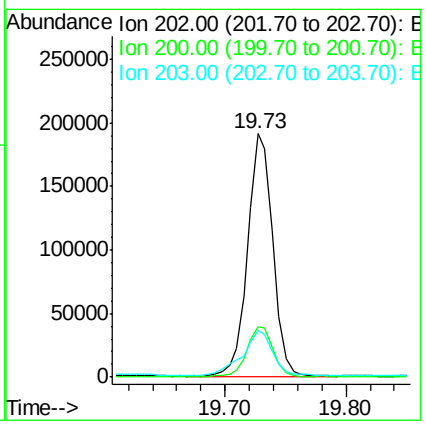


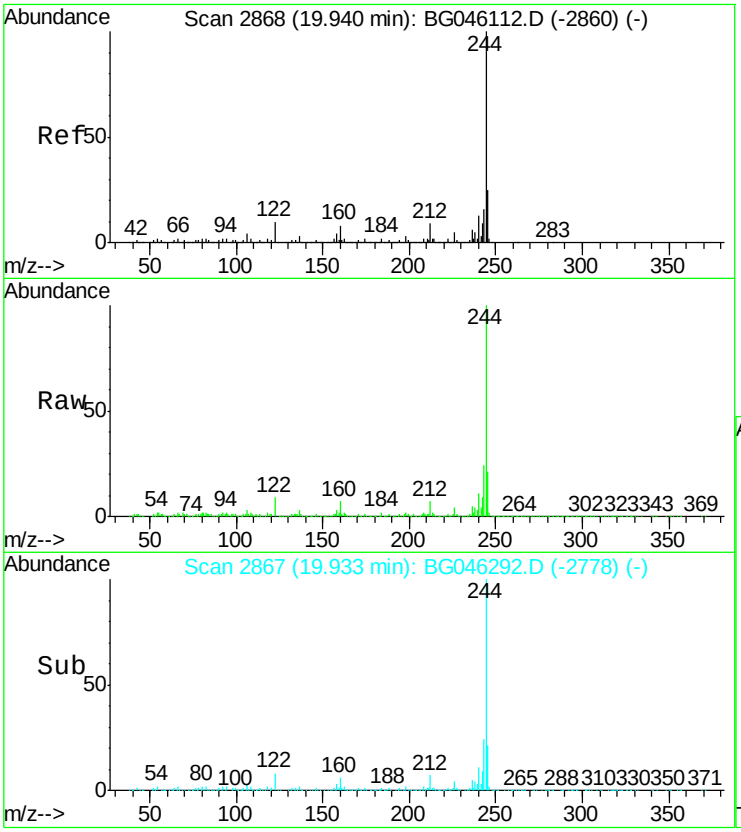


#78
Pyrene
Concen: 6.279 ng
RT: 19.73 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Tgt Ion:202 Resp: 276802

Ion	Ratio	Lower	Upper
202	100		
200	20.6	19.5	29.3
203	19.1	16.2	24.2



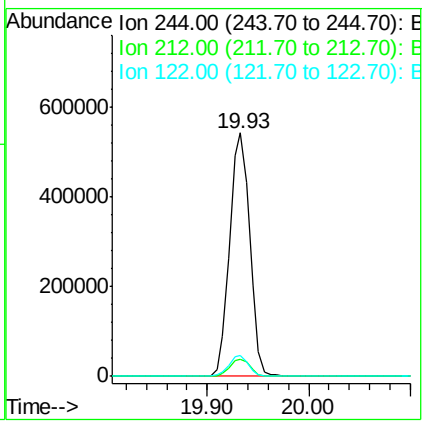


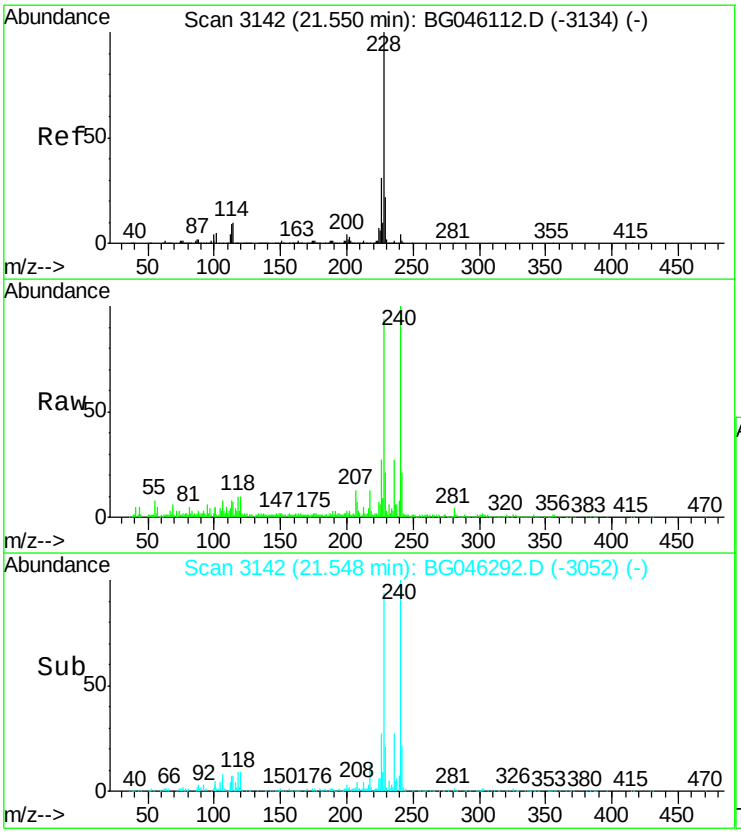
#79
Terphenyl-d14
Concen: 23.207 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Instrument :
BNA_G
ClientSampleId :
RBR-58

Tgt Ion:244 Resp: 747588

Ion	Ratio	Lower	Upper
244	100		
212	7.2	7.2	10.8#
122	8.6	8.3	12.5

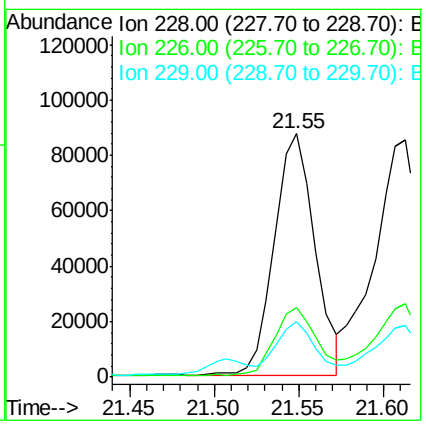


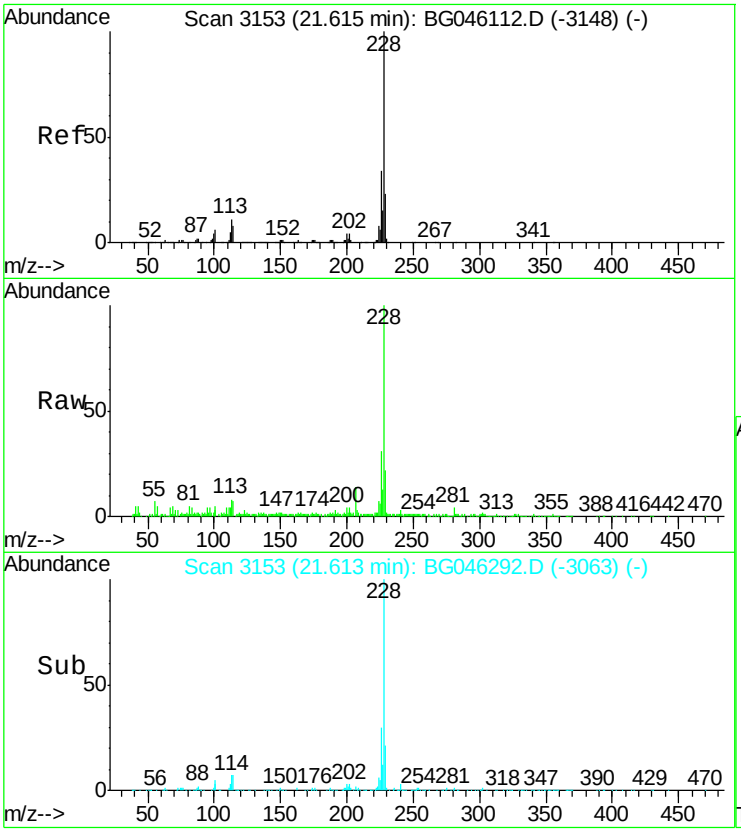


#81
Benzo(a)anthracene
Concen: 3.294 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Tgt Ion:228 Resp: 144625

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.7	37.1
229	22.9	17.8	26.8



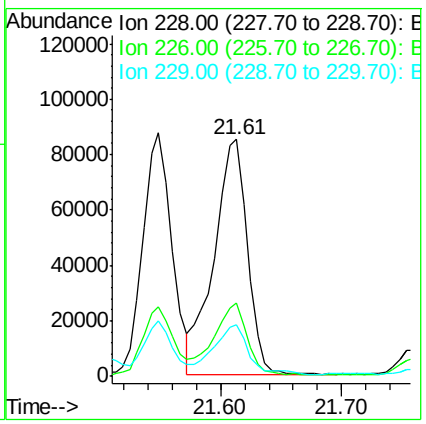


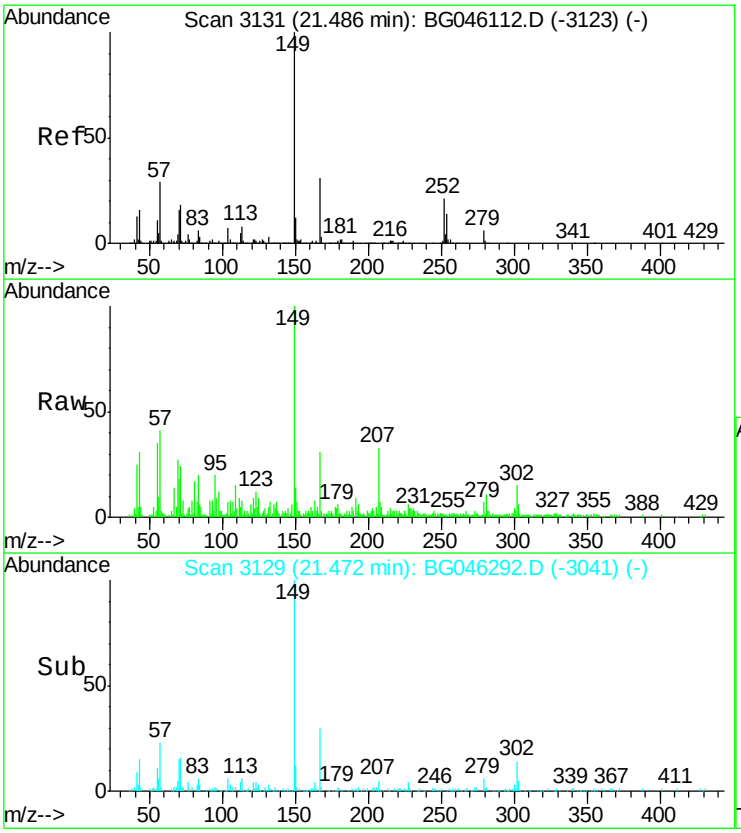
#83
Chrysene
Concen: 3.790 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Instrument :
BNA_G
ClientSampleId :
RBR-58

Tgt Ion:228 Resp: 163012

Ion	Ratio	Lower	Upper
228	100		
226	30.9	26.9	40.3
229	21.5	18.2	27.4

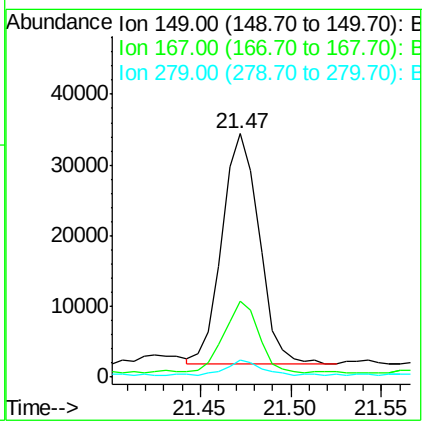


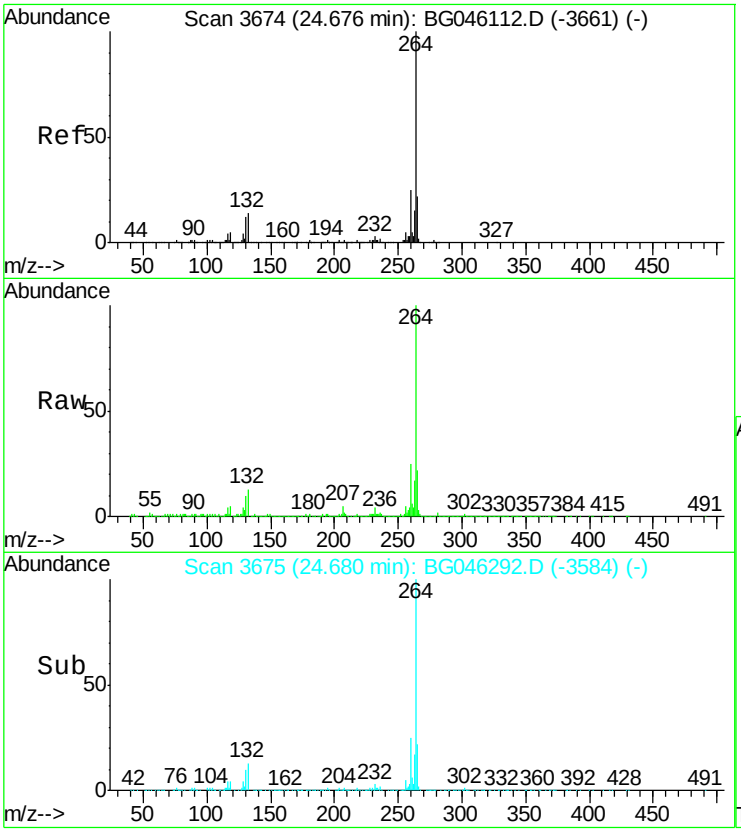


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.040 ng
RT: 21.47 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Tgt Ion:149 Resp: 46581

Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.8	37.2
279	7.1	4.6	6.8#



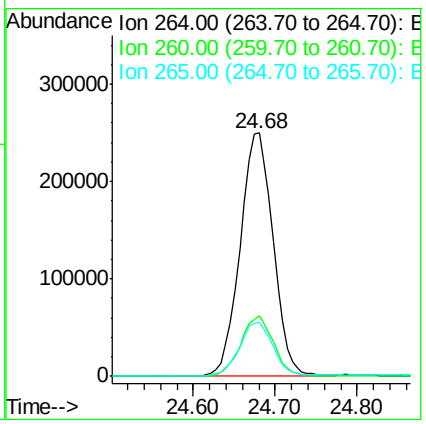


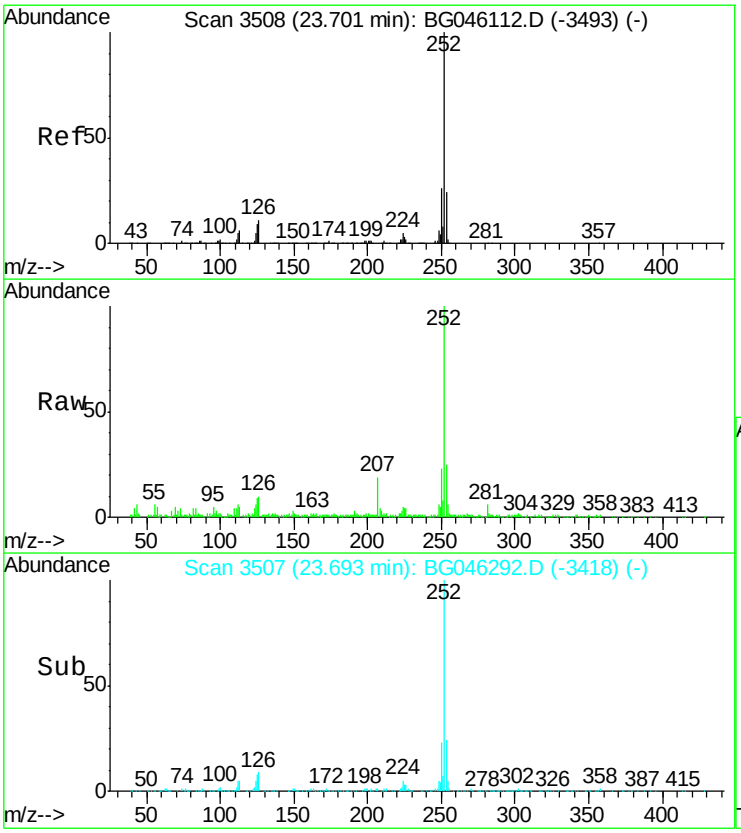
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.68 min Scan# 3675
Delta R.T. 0.00 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Instrument :
BNA_G
ClientSampleId :
RBR-58

Tgt Ion:264 Resp: 699686

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	22.0	17.6	26.4

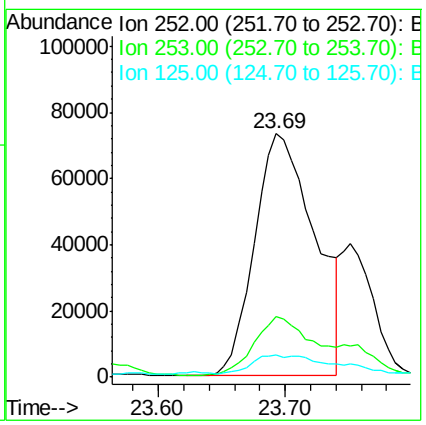


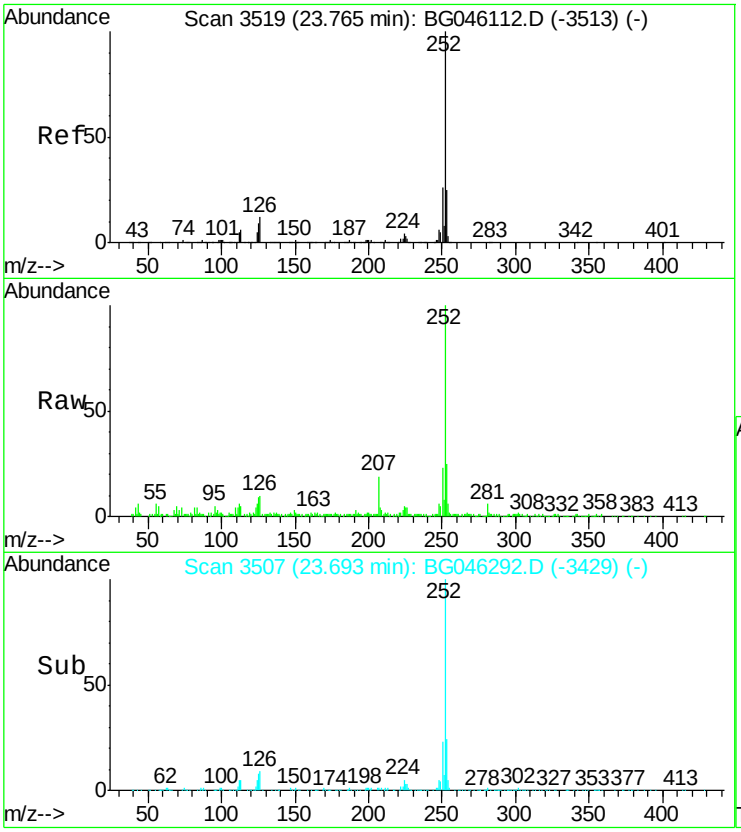


#88
Benzo(b)fluoranthene
Concen: 5.152 ng
RT: 23.69 min Scan# 3507
Delta R.T. -0.01 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Tgt Ion:252 Resp: 241582

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.2	28.8
125	9.1	7.2	10.8



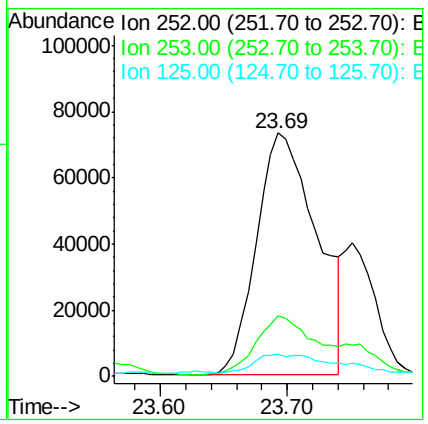


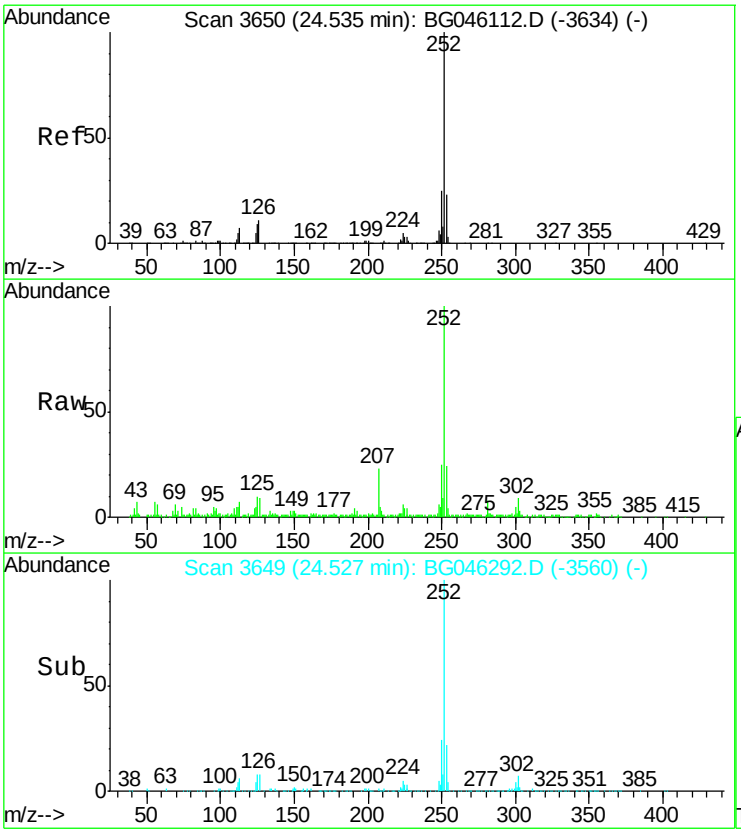
#89
Benzo(k)fluoranthene
Concen: 5.253 ng
RT: 23.69 min Scan# 3507
Delta R.T. -0.07 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Instrument :
BNA_G
ClientSampleId :
RBR-58

Tgt Ion:252 Resp: 241582

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.5	29.3
125	9.1	7.3	10.9

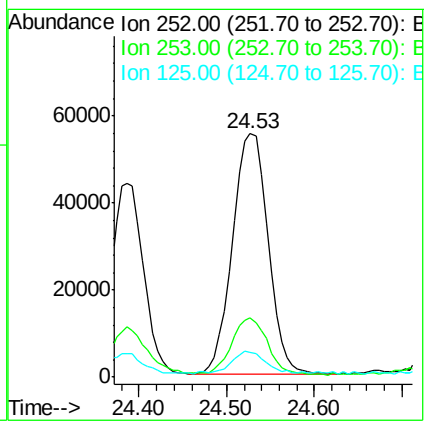


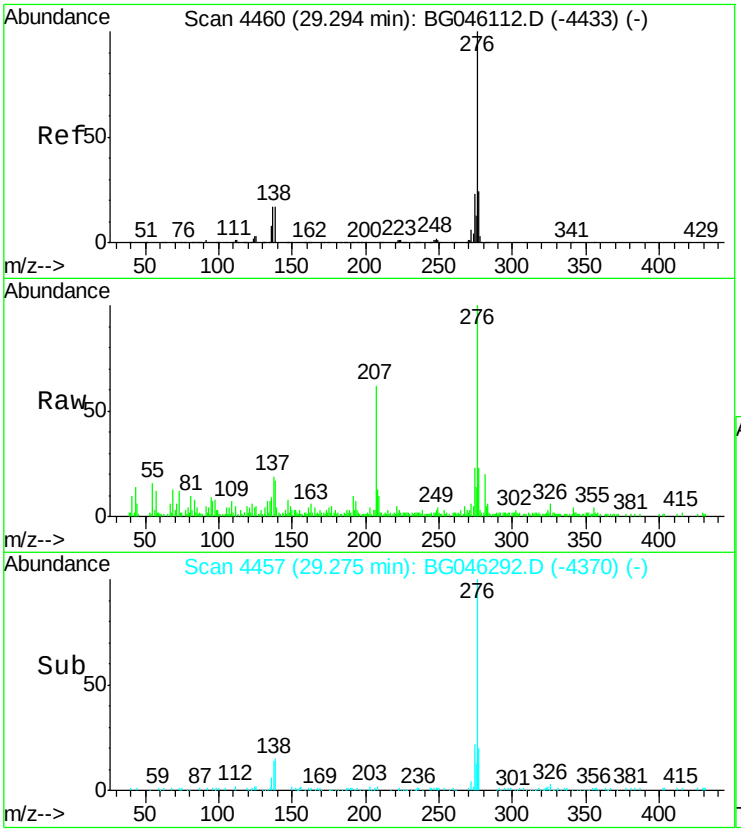


#90
Benzo(a)pyrene
Concen: 3.517 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Tgt Ion:252 Resp: 153450

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.6	27.8
125	10.0	7.1	10.7





#92
Benzo(g,h,i)perylene
Concen: 2.333 ng
RT: 29.27 min Scan# 4457
Delta R.T. -0.02 min
Lab File: BG046292.D
Acq: 15 Aug 2020 2:06

Instrument :
BNA_G
ClientSampleId :
RBR-58

Tgt Ion:276 Resp: 105113

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.5	29.3
138	16.8	13.8	20.6