Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044505.D
Acq On : 20 Feb 2020 1:19
Operator : CG/JU
Sample : L1547-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MARCY-GREEN-BH-02-B

Quant Time: Feb 20 08:20:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	57940	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	237692	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	154424	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	365037	20.00	ng	-0.02
76) Chrysene-d12	21.52	240	381337	20.00	ng	-0.02
87) Perylene-d12	24.60	264	402701	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	351066	106.93	ng	-0.01
7) Phenol-d6	7.06	99	454669	103.13	ng	-0.01
23) Nitrobenzene-d5	9.04	82	270626	64.28	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	198467	109.48	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	620348	67.27	ng	-0.01
79) Terphenyl-d14	19.89	244	1077881	58.14	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	13.99	163	23025	2.074	ng	99
71) Phenanthrene	17.32	178	61883	3.501	ng	95
75) Fluoranthene	19.33	202	110517	5.405	ng	98
78) Pyrene	19.69	202	106329	4.342	ng	95
81) Benzo(a)anthracene	21.49	228	58249	2.478	ng	95
83) Chrysene	21.56	228	56174	2.473	ng	93
88) Benzo(b)fluoranthene	23.62	252	78941	3.402	ng	97
90) Benzo(a)pyrene	24.44	252	56707	2.585	ng	98
92) Benzo(g,h,i)perylene	29.16	276	46162	2.124	ng	97

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

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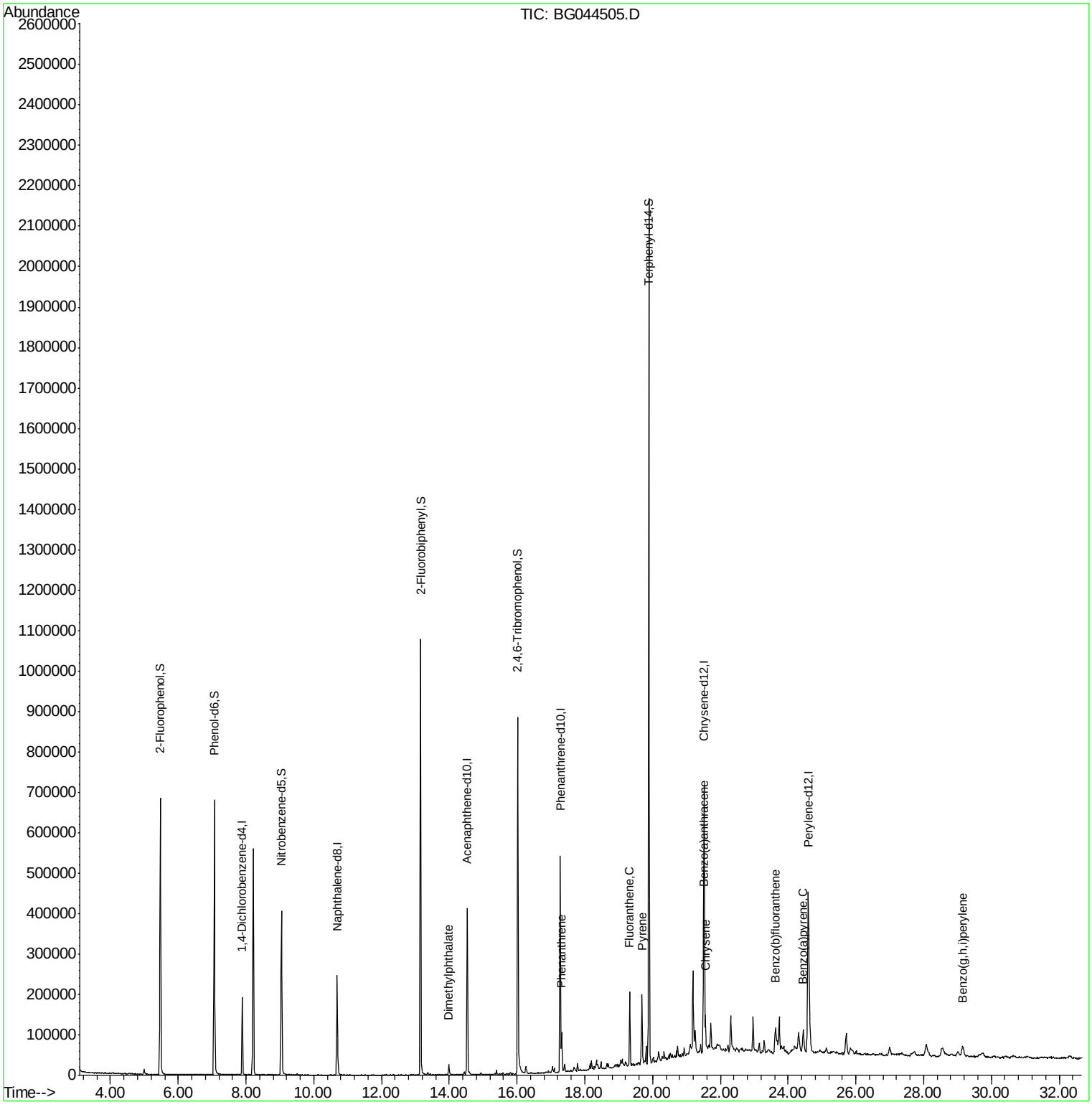
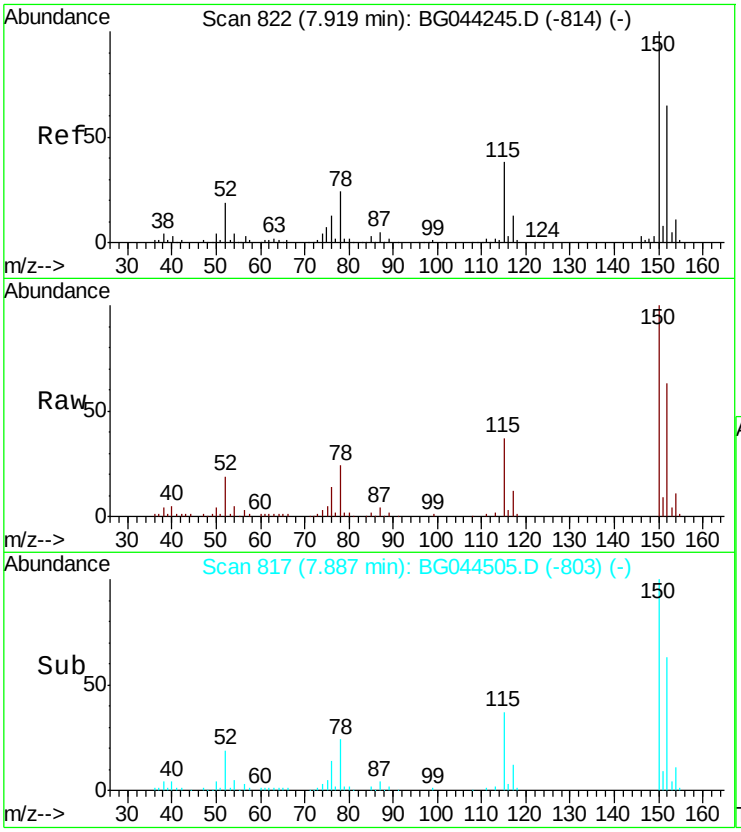
Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-B

Quant Time: Feb 20 08:20:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



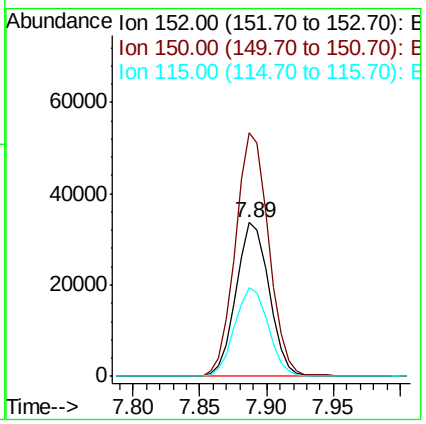


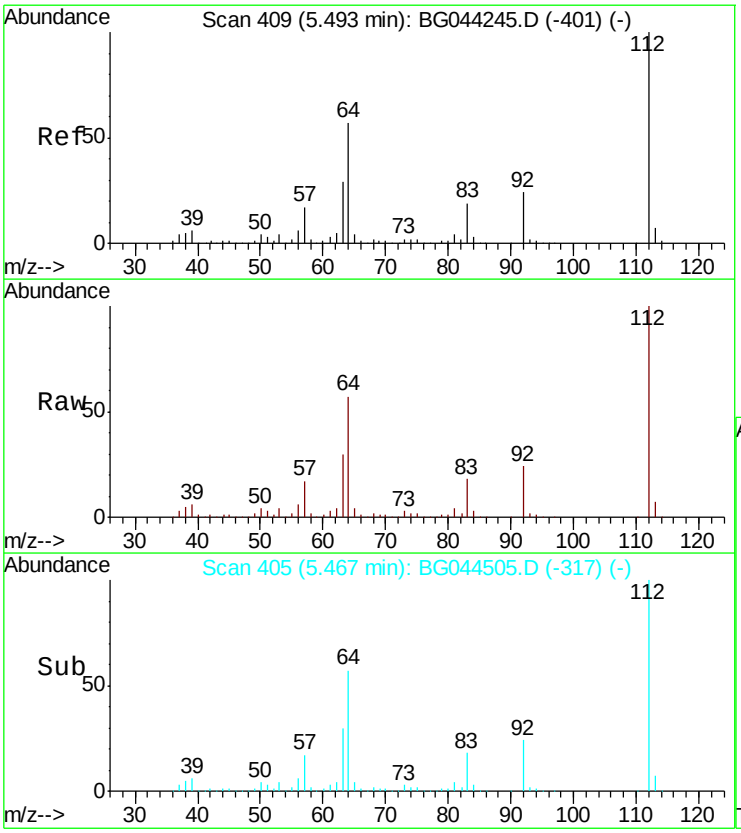
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-B

Tgt Ion:152 Resp: 57940

Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.6	183.8
115	57.8	46.0	69.0

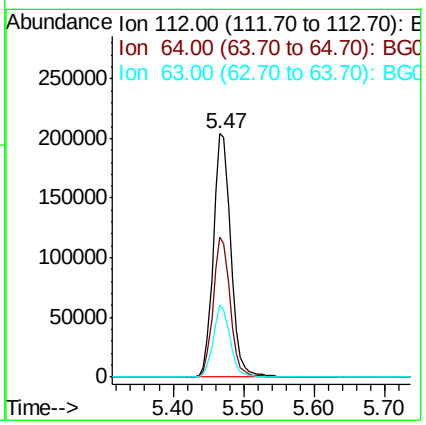


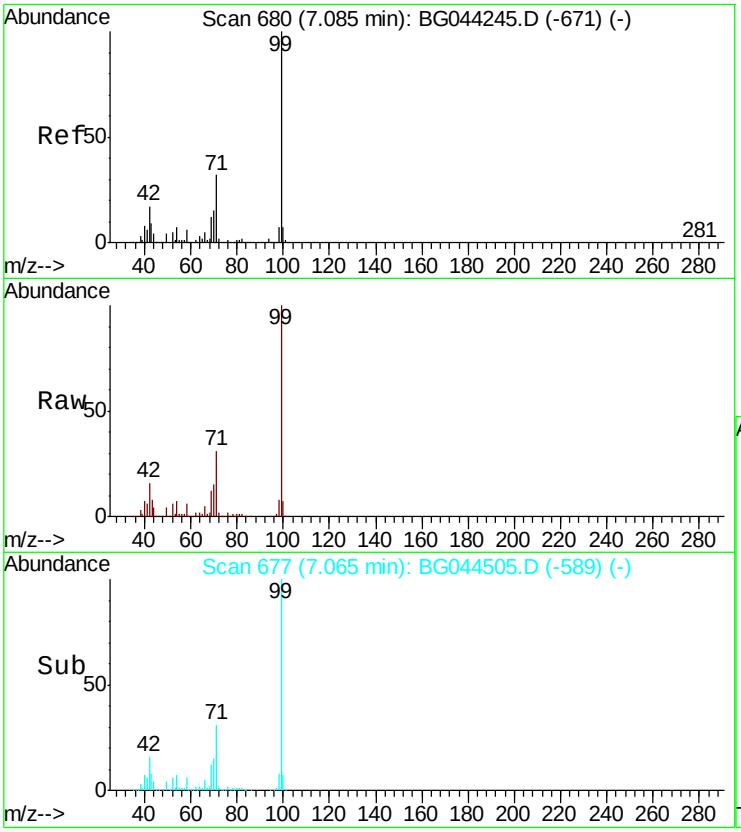


#5
2-Fluorophenol
Concen: 106.934 ng
RT: 5.47 min Scan# 405
Delta R.T. -0.01 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Tgt Ion:112 Resp: 351066

Ion	Ratio	Lower	Upper
112	100		
64	57.3	45.4	68.2
63	29.7	22.9	34.3



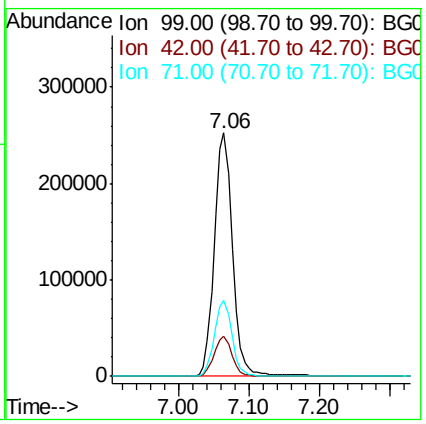


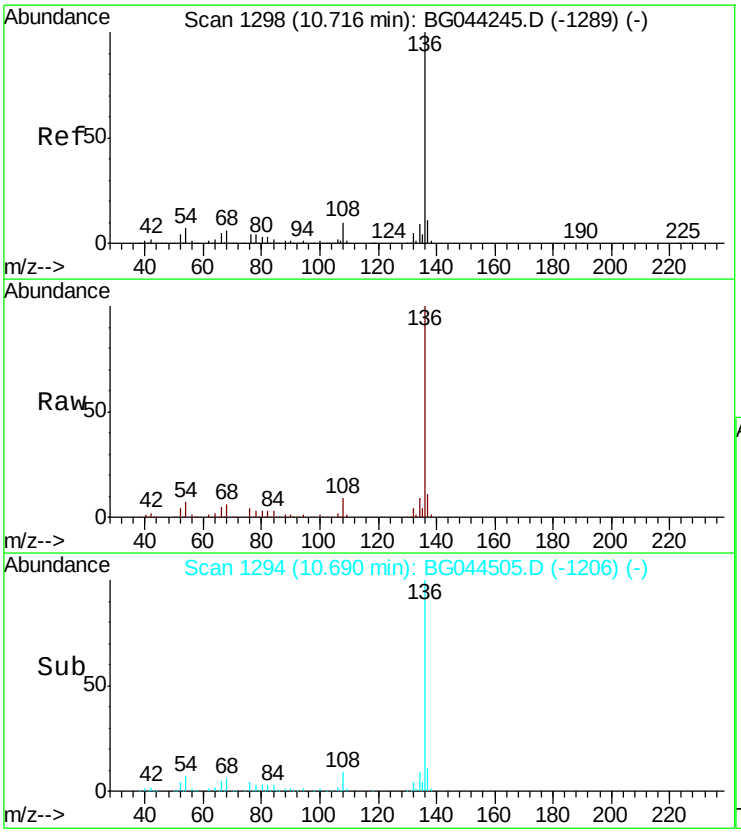
#7
Phenol-d6
Concen: 103.132 ng
RT: 7.06 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-B

Tgt Ion: 99 Resp: 454669

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.6
71	31.0	25.5	38.3

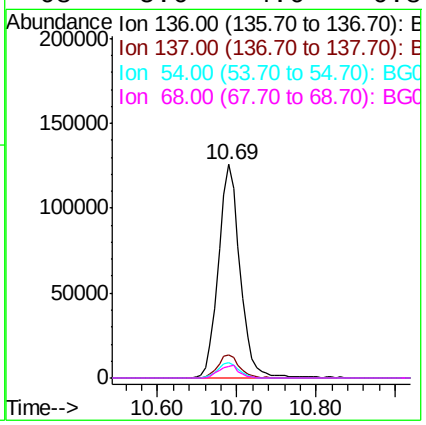


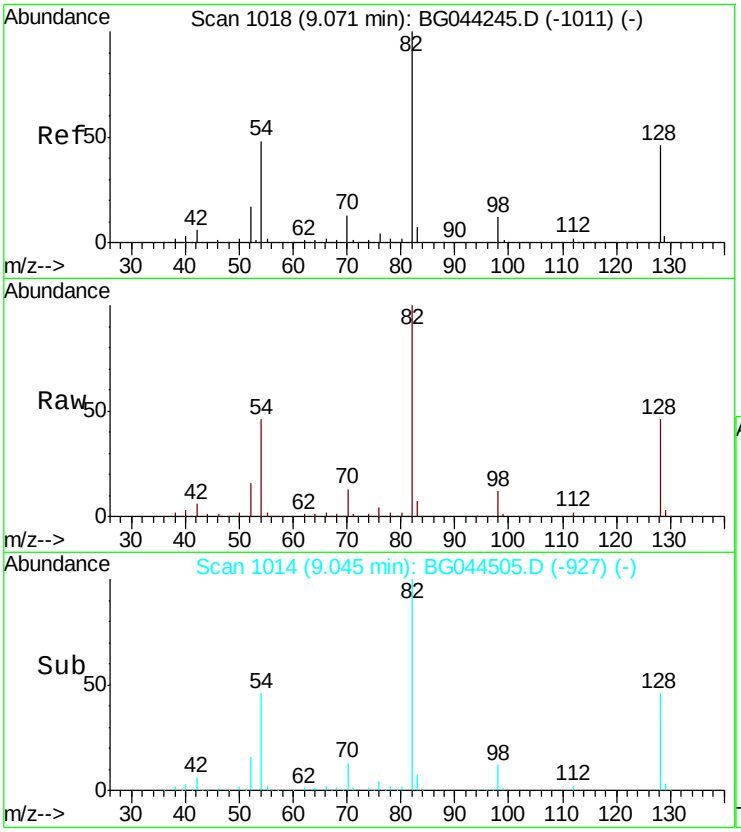


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Tgt Ion:136 Resp: 237692

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.2	5.8	8.8
68	5.6	4.6	6.8



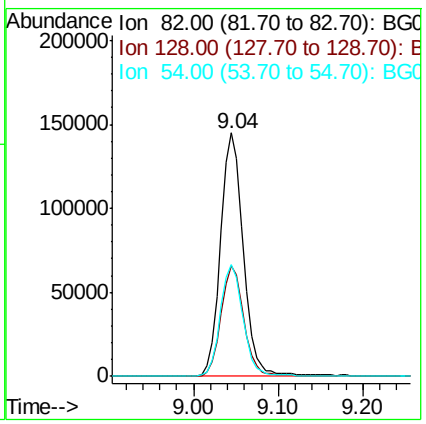


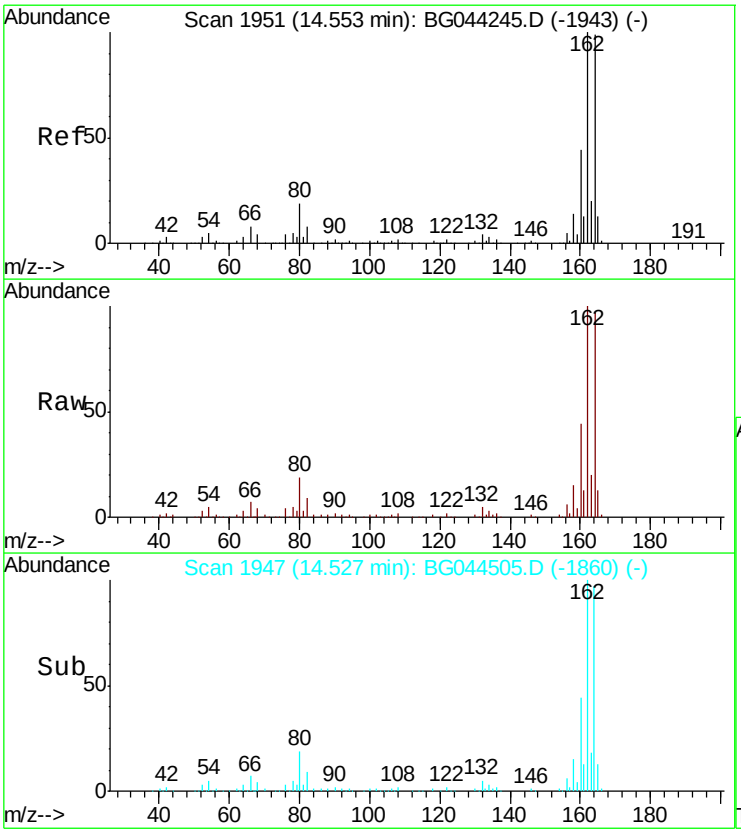
#23
Nitrobenzene-d5
Concen: 64.279 ng
RT: 9.04 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-B

Tgt Ion: 82 Resp: 270626

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.5	54.7
54	45.7	38.6	58.0

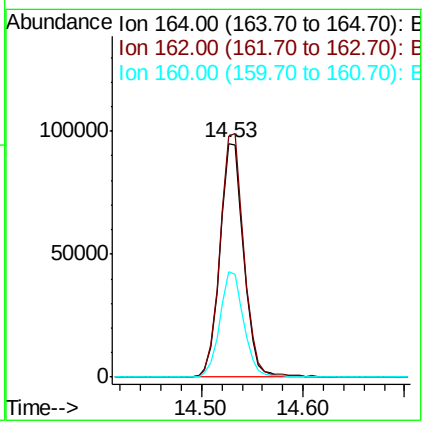


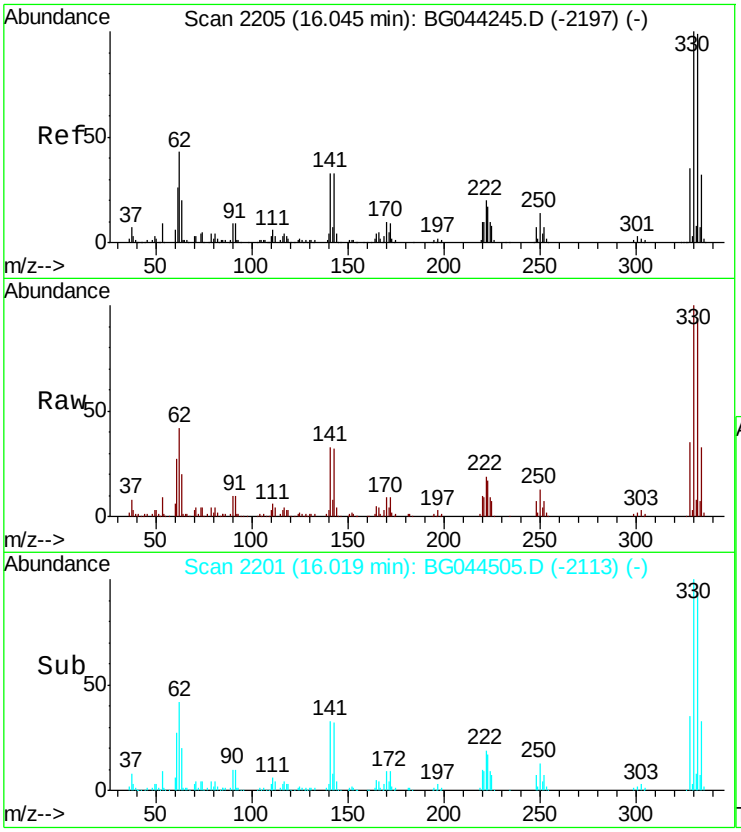


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Tgt Ion:164 Resp: 154424

Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.7	121.1
160	45.3	35.3	52.9



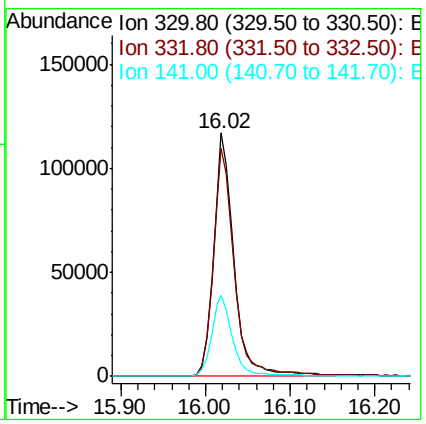


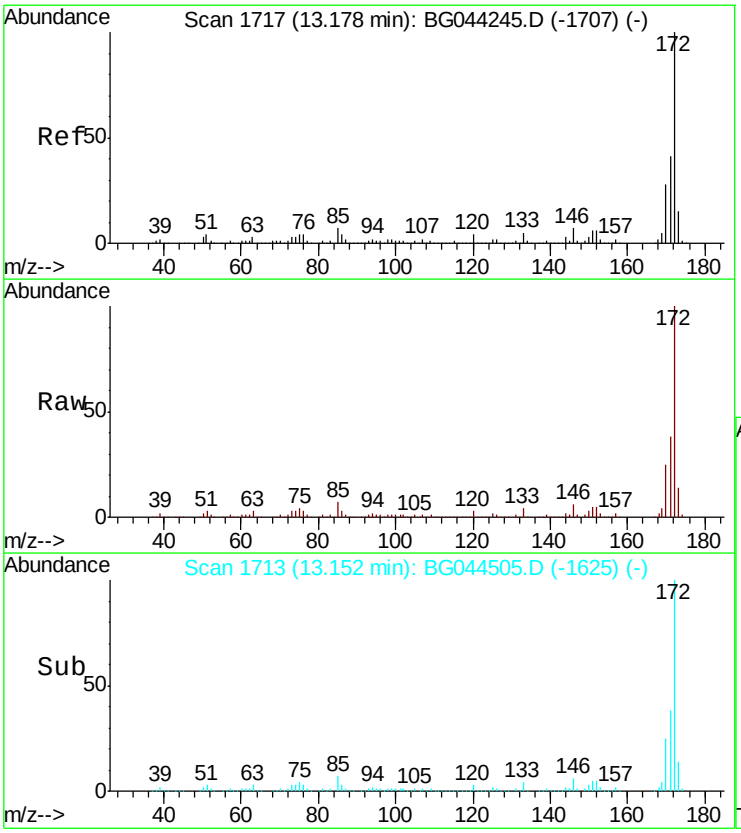
#42
2,4,6-Tribromophenol
Concen: 109.478 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-B

Tgt Ion:330 Resp: 198467

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.2	115.8
141	34.3	28.3	42.5

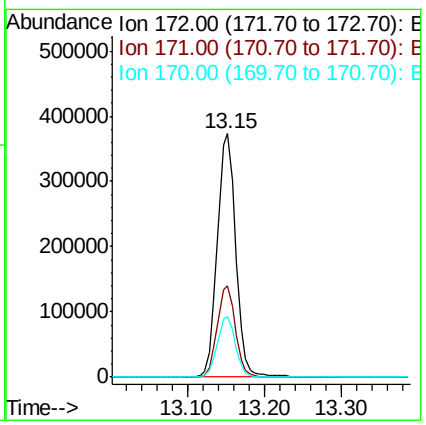


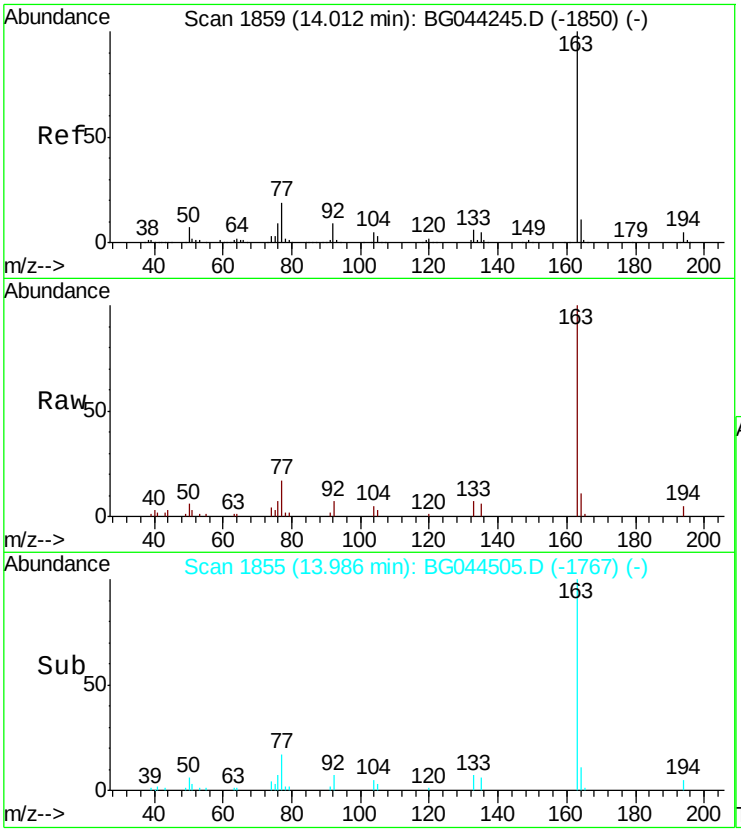


#45
2-Fluorobiphenyl
Concen: 67.270 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Tgt Ion:172 Resp: 620348

Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.9	49.3
170	25.1	22.0	33.0



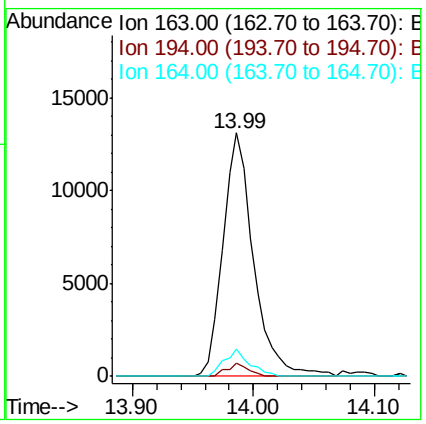


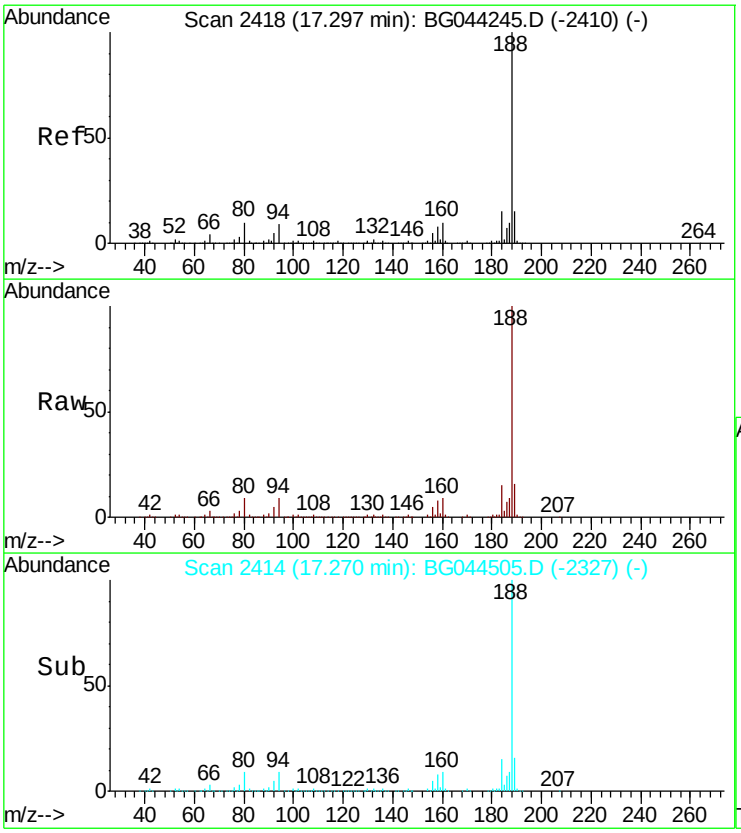
#50
Dimethylphthalate
Concen: 2.074 ng
RT: 13.99 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-B

Tgt Ion:163 Resp: 23025

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.6	5.4
164	11.3	8.7	13.1

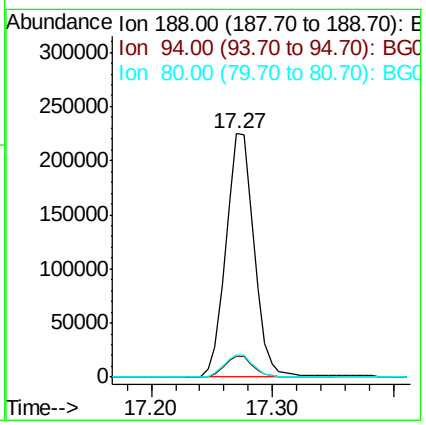


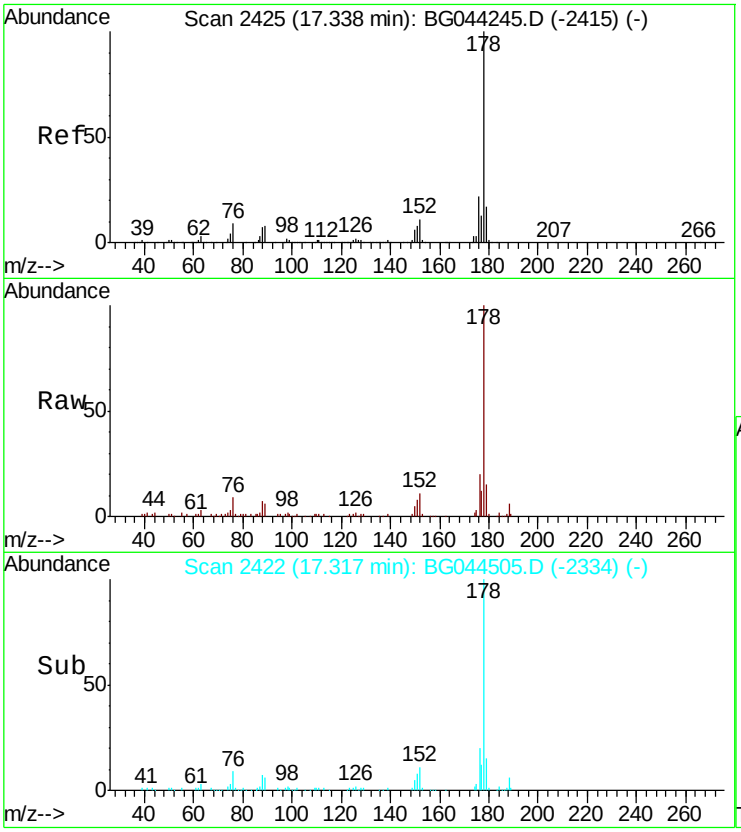


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Tgt Ion:188 Resp: 365037

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.2
80	9.4	7.7	11.5



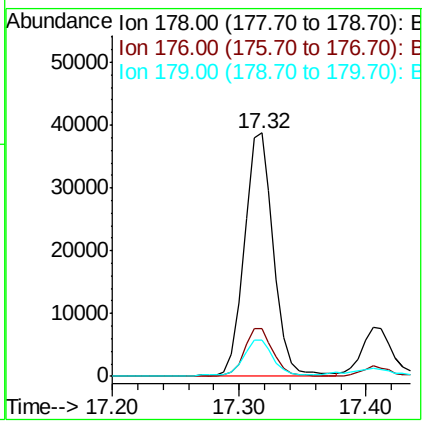


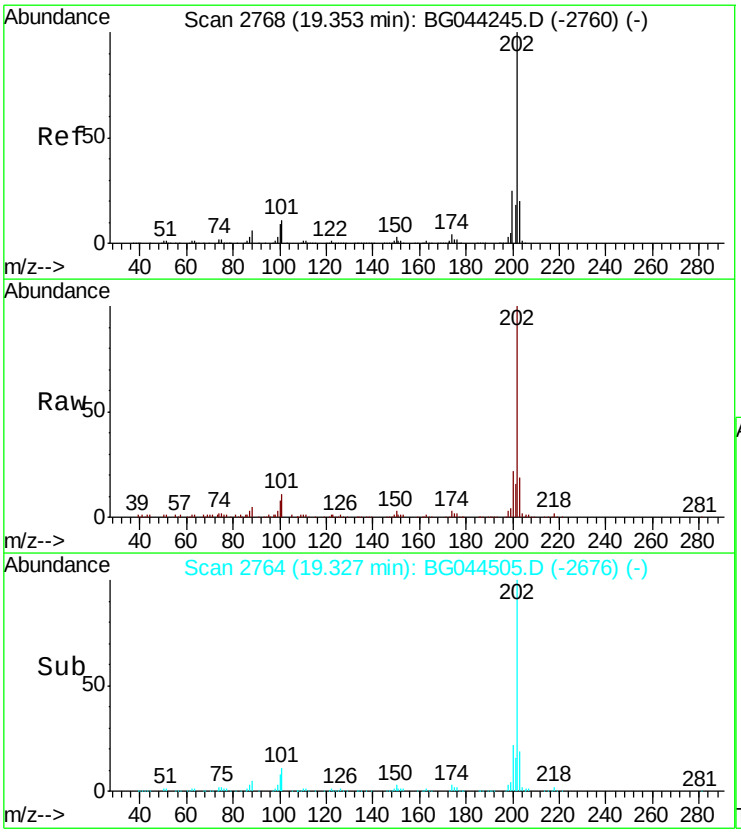
#71
Phenanthrene
Concen: 3.501 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-B

Tgt Ion:178 Resp: 61883

Ion	Ratio	Lower	Upper
178	100		
176	19.7	17.7	26.5
179	15.0	13.7	20.5

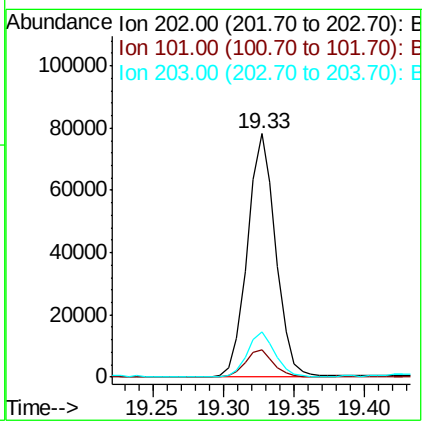


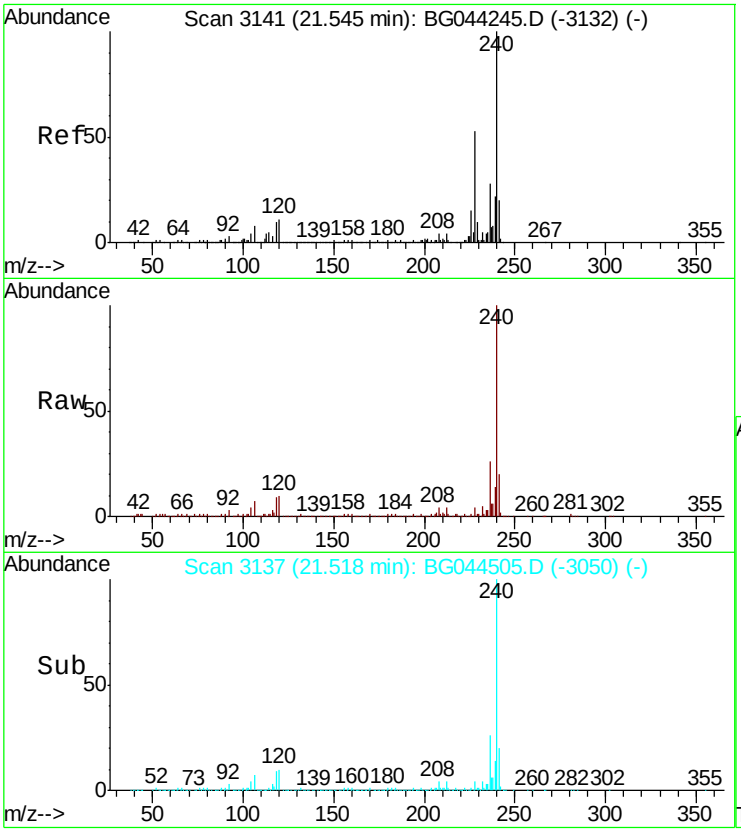


#75
Fluoranthene
Concen: 5.405 ng
RT: 19.33 min Scan# 2764
Delta R.T. -0.01 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Tgt Ion:202 Resp: 110517

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.3
203	18.7	0.0	39.9



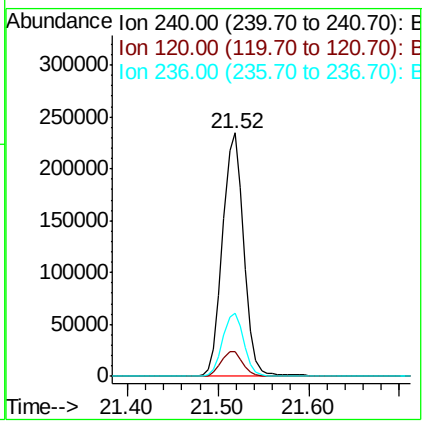


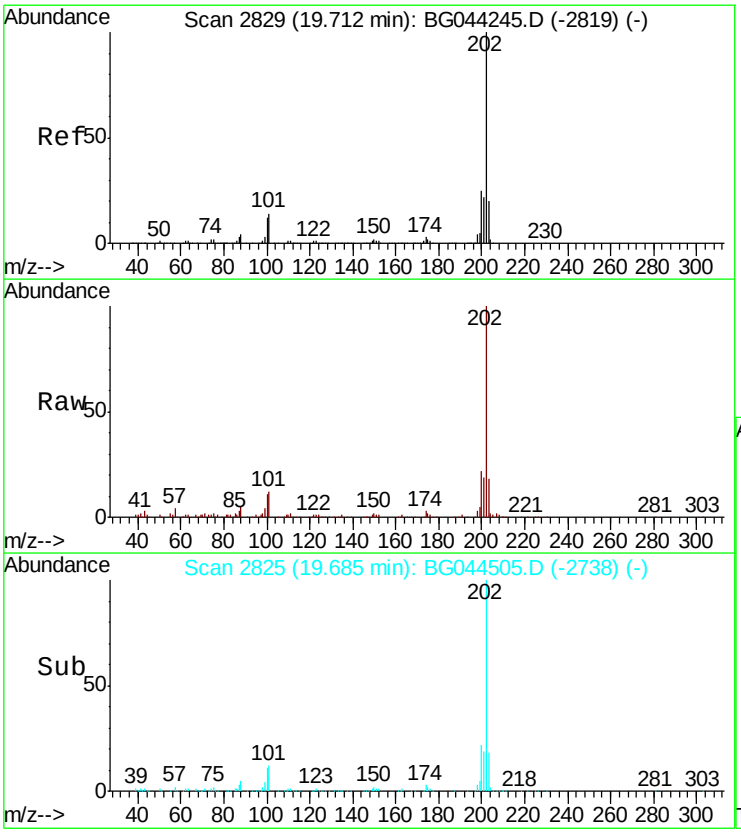
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.02 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-B

Tgt Ion:240 Resp: 381337

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.4	12.6
236	25.8	22.1	33.1

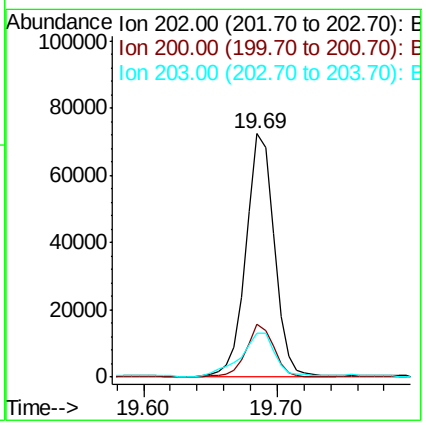


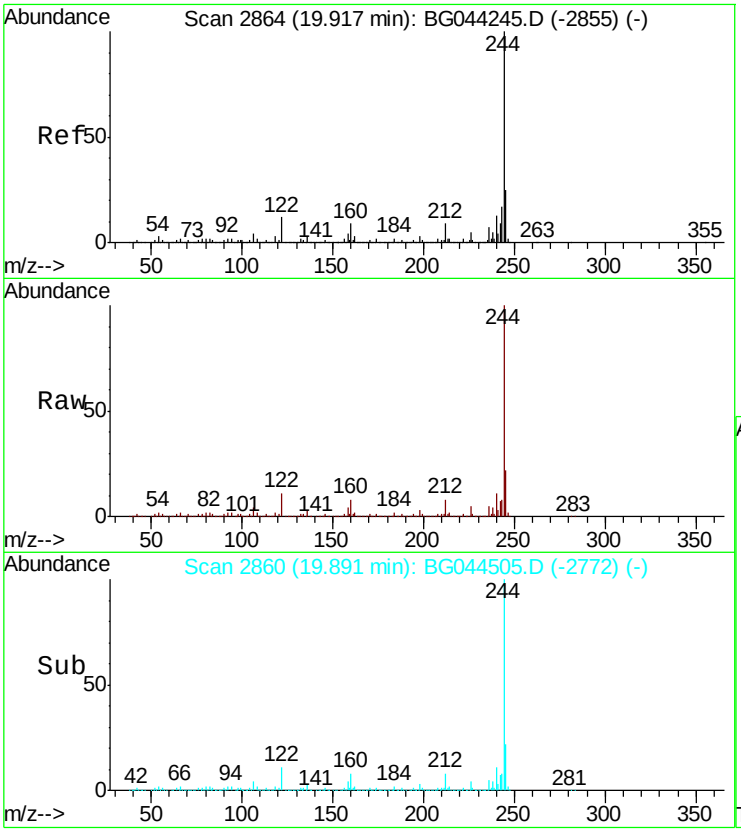


#78
Pyrene
Concen: 4.342 ng
RT: 19.69 min Scan# 2825
Delta R.T. -0.02 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Tgt Ion:202 Resp: 106329

Ion	Ratio	Lower	Upper
202	100		
200	22.0	20.0	30.0
203	18.1	16.2	24.2



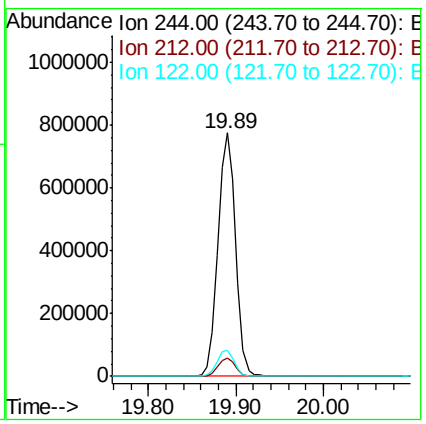


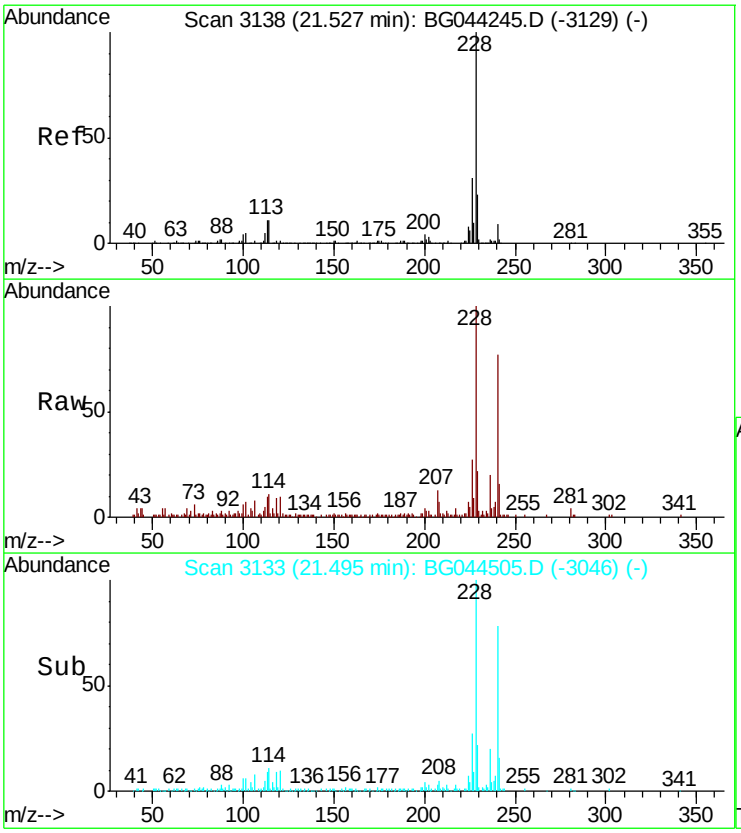
#79
Terphenyl-d14
Concen: 58.139 ng
RT: 19.89 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-B

Tgt Ion:244 Resp: 1077881

Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.4	11.2
122	10.6	9.8	14.6

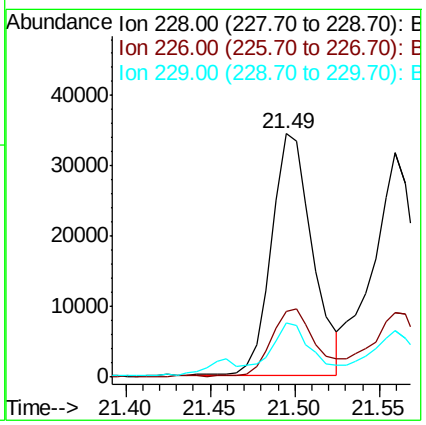


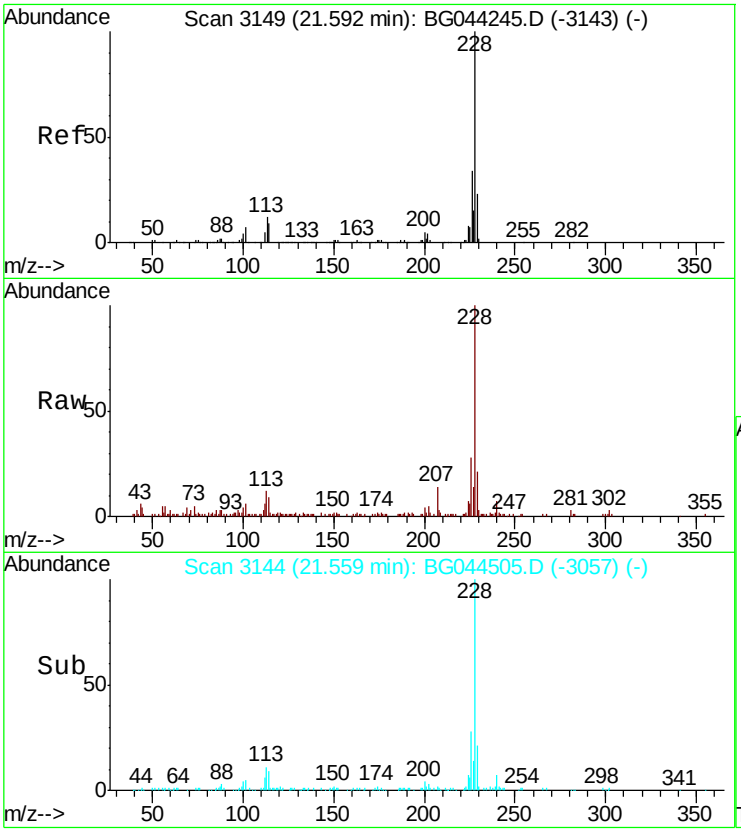


#81
Benzo(a)anthracene
Concen: 2.478 ng
RT: 21.49 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Tgt Ion:228 Resp: 58249

Ion	Ratio	Lower	Upper
228	100		
226	27.1	24.7	37.1
229	22.1	18.2	27.4



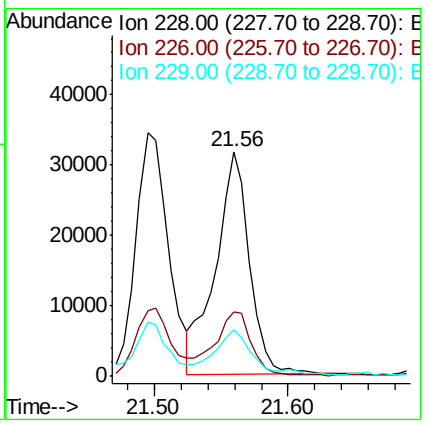


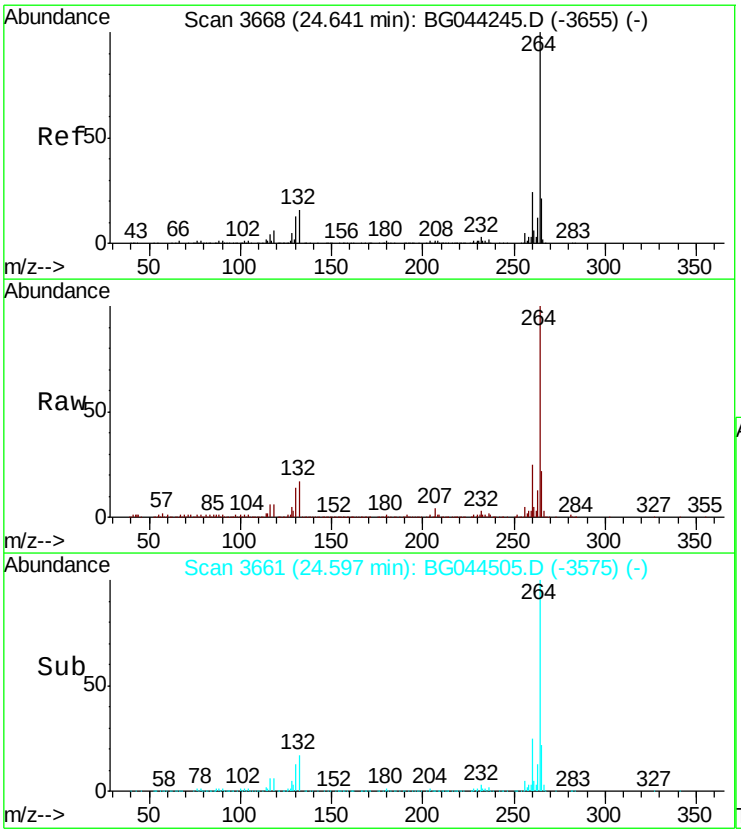
#83
Chrysene
Concen: 2.473 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-B

Tgt Ion:228 Resp: 56174

Ion	Ratio	Lower	Upper
228	100		
226	28.5	27.1	40.7
229	20.6	17.9	26.9

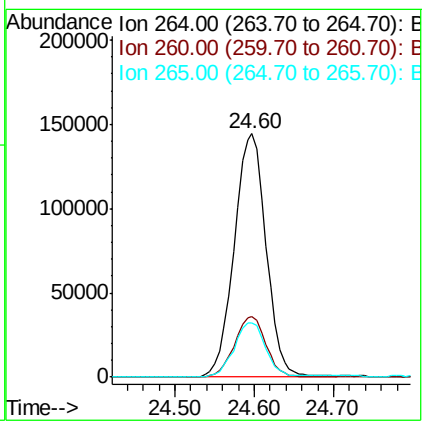


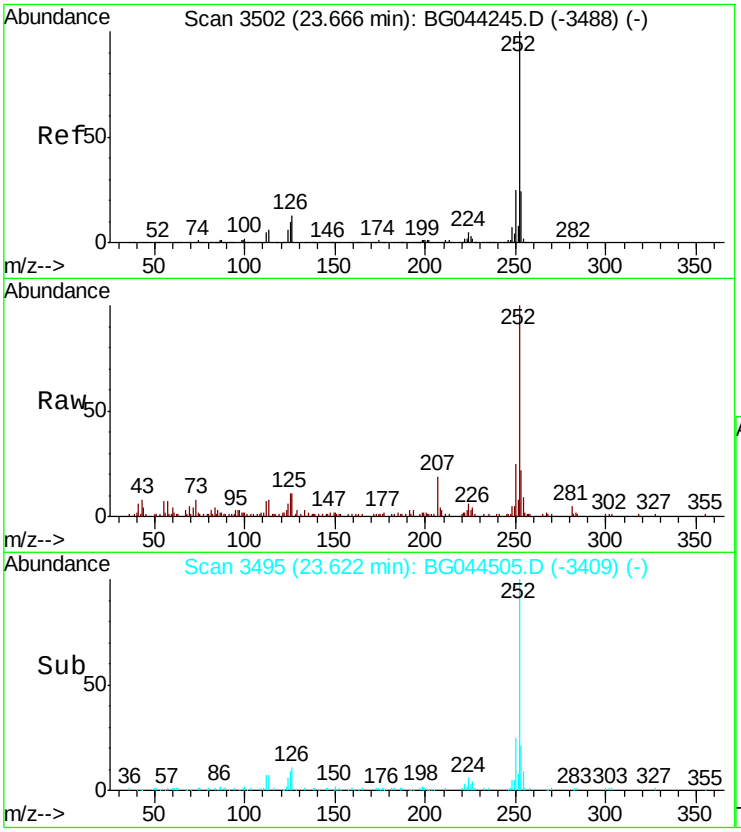


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.02 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Tgt Ion:264 Resp: 402701

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.3	16.7	25.1



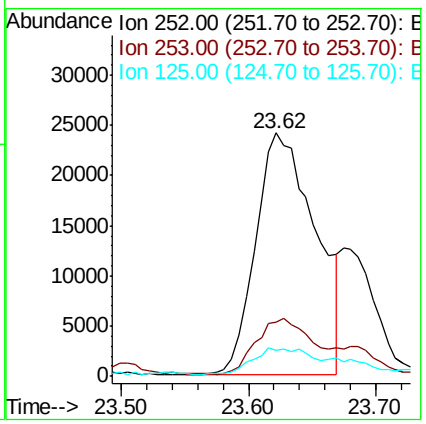


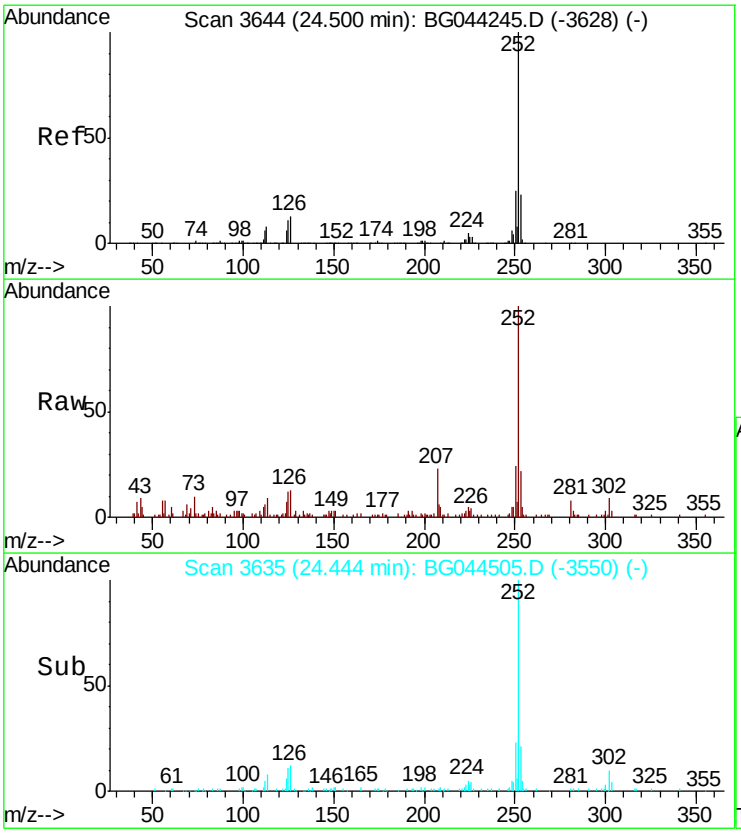
#88
Benzo(b)fluoranthene
Concen: 3.402 ng
RT: 23.62 min Scan# 3495
Delta R.T. -0.02 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-B

Tgt Ion:252 Resp: 78941

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.2	28.8
125	10.6	8.4	12.6

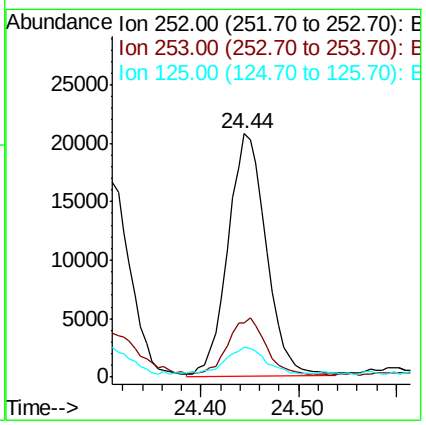


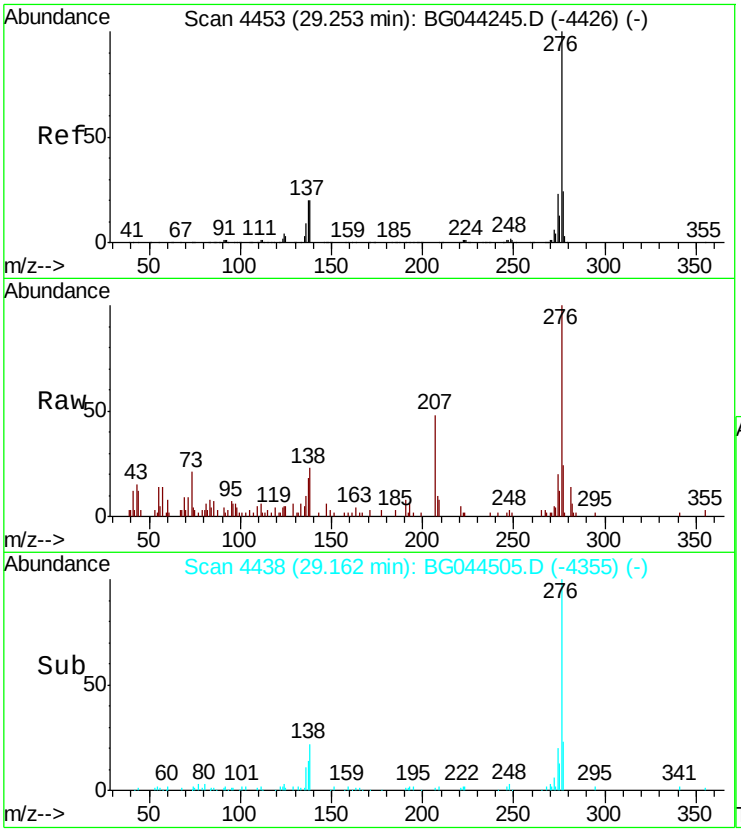


#90
Benzo(a)pyrene
Concen: 2.585 ng
RT: 24.44 min Scan# 3635
Delta R.T. -0.03 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Tgt Ion:252 Resp: 56707

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	12.3	8.6	13.0





#92
Benzo(g,h,i)perylene
Concen: 2.124 ng
RT: 29.16 min Scan# 4438
Delta R.T. -0.04 min
Lab File: BG044505.D
Acq: 20 Feb 2020 1:19

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-B

Tgt Ion:276 Resp: 46162

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	22.8	16.2	24.2