Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041379.D
Acq On : 21 Jun 2019 15:19
Operator : HP/JU
Sample : K3406-02RE 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BAT-B14RE

Quant Time: Jun 21 16:17:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	40943	20.00	ng	-0.01
21) Naphthalene-d8	10.89	136	157193	20.00	ng	-0.02
39) Acenaphthene-d10	14.70	164	109702	20.00	ng	-0.02
64) Phenanthrene-d10	17.45	188	251819	20.00	ng	-0.01
76) Chrysene-d12	21.72	240	237913	20.00	ng	-0.02
87) Perylene-d12	25.04	264	261602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	45112	20.25	ng	-0.01
7) Phenol-d6	7.22	99	145302	44.99	ng	-0.01
23) Nitrobenzene-d5	9.25	82	116175	31.08	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	21573	12.81	ng	-0.01
45) 2-Fluorobiphenyl	13.32	172	255733	31.68	ng	-0.02
79) Terphenyl-d14	20.04	244	348403	29.02	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	14.15	163	29318	3.004	ng	99
71) Phenanthrene	17.49	178	45728	3.405	ng	100
75) Fluoranthene	19.50	202	41630	2.333	ng	98
78) Pyrene	19.86	202	38215	2.382	ng	98

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

Quantitation Report (QT Reviewed)

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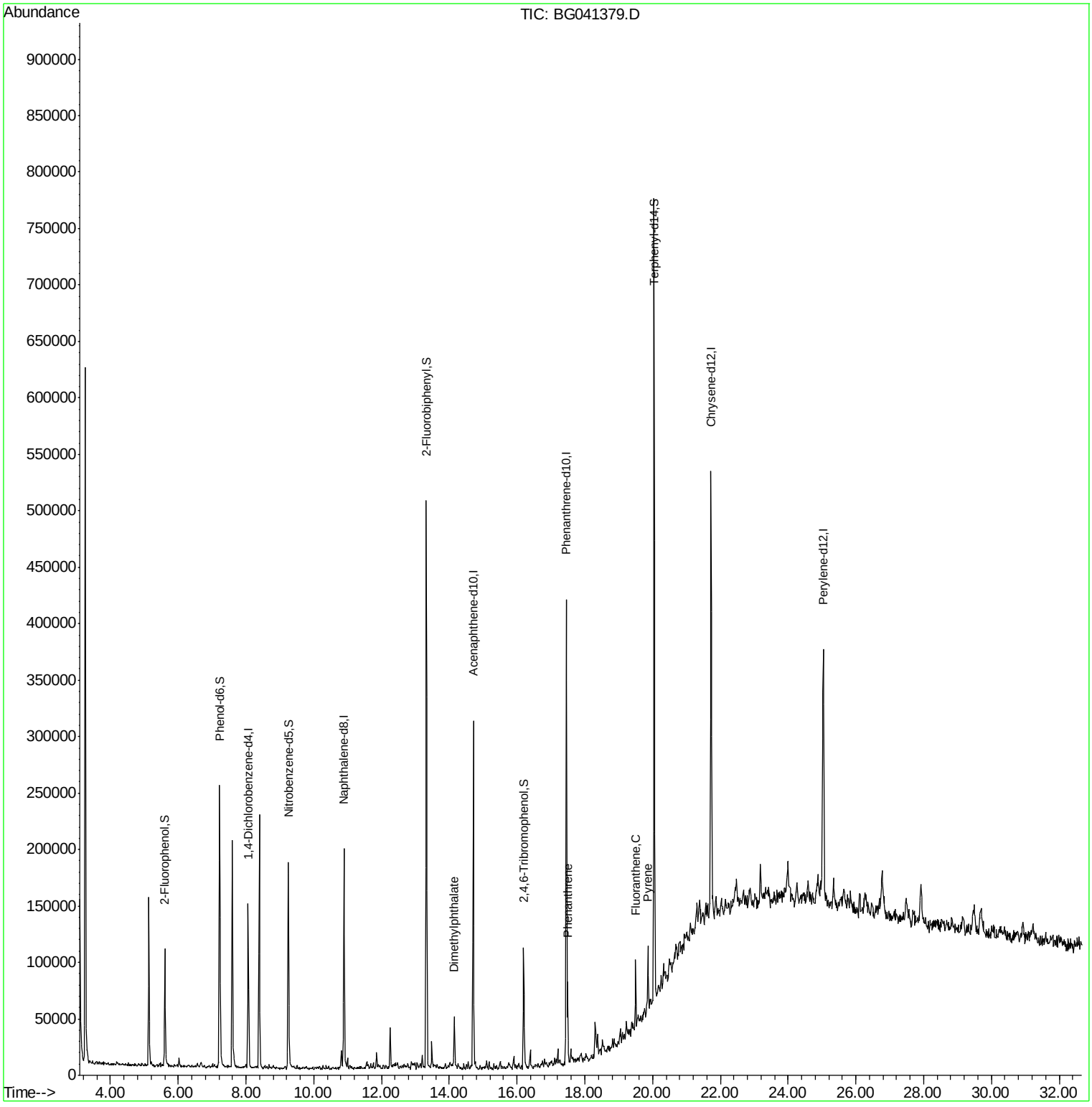
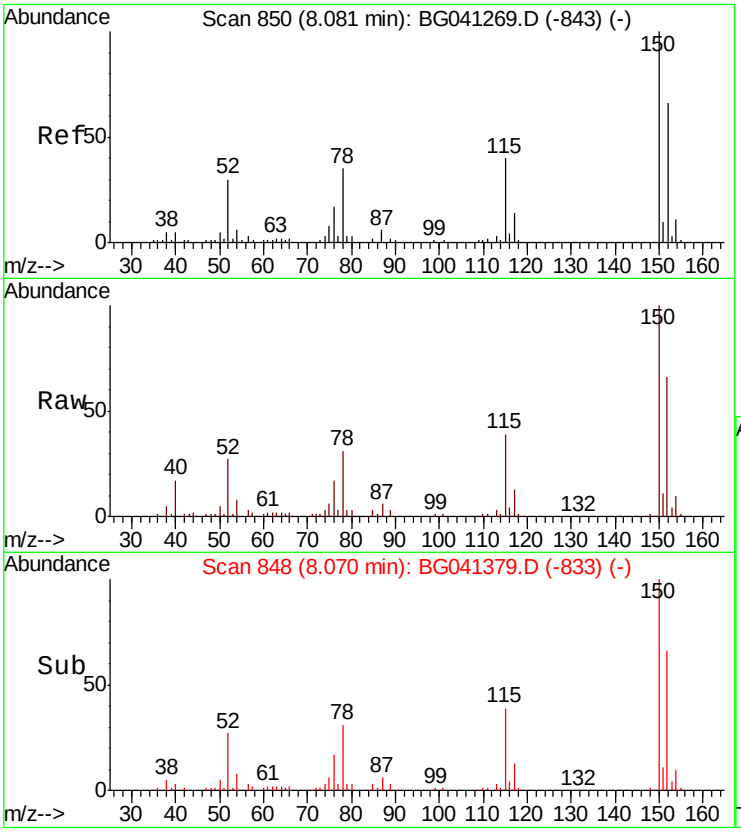


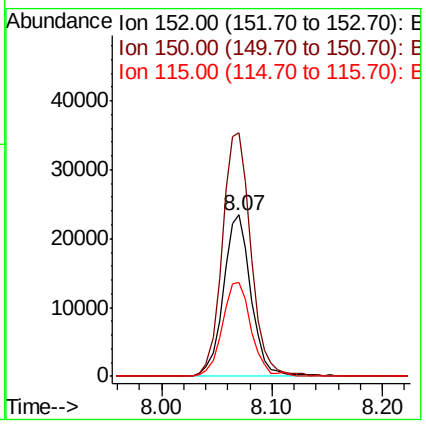


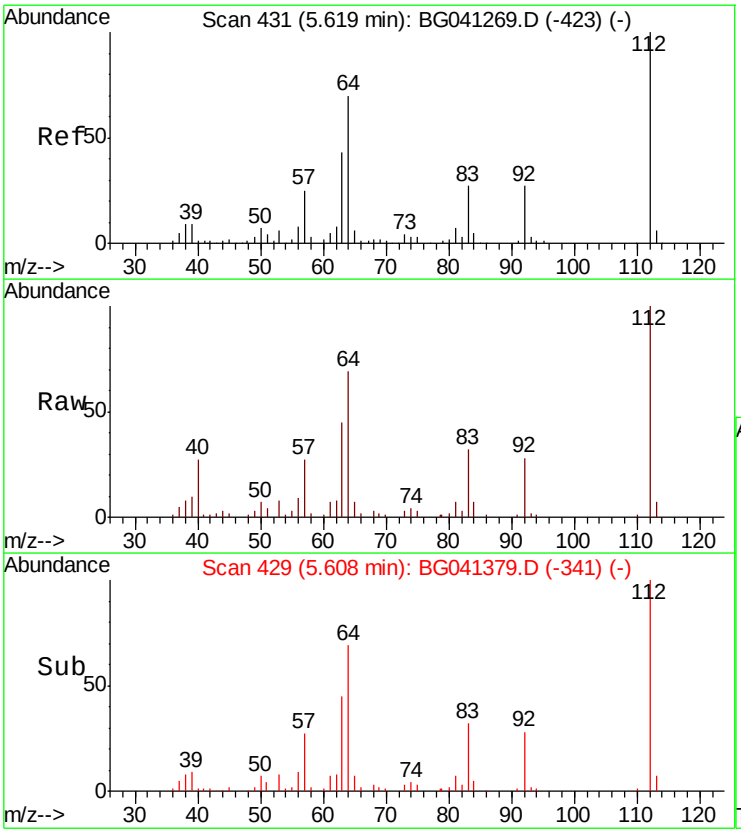
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Instrument :
BNA_G
ClientSampleId :
BAT-B14RE

Tgt Ion:152 Resp: 40943

Ion	Ratio	Lower	Upper
152	100		
150	150.6	120.6	181.0
115	58.3	47.9	71.9

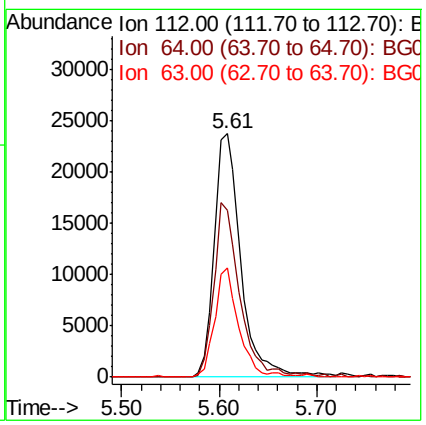


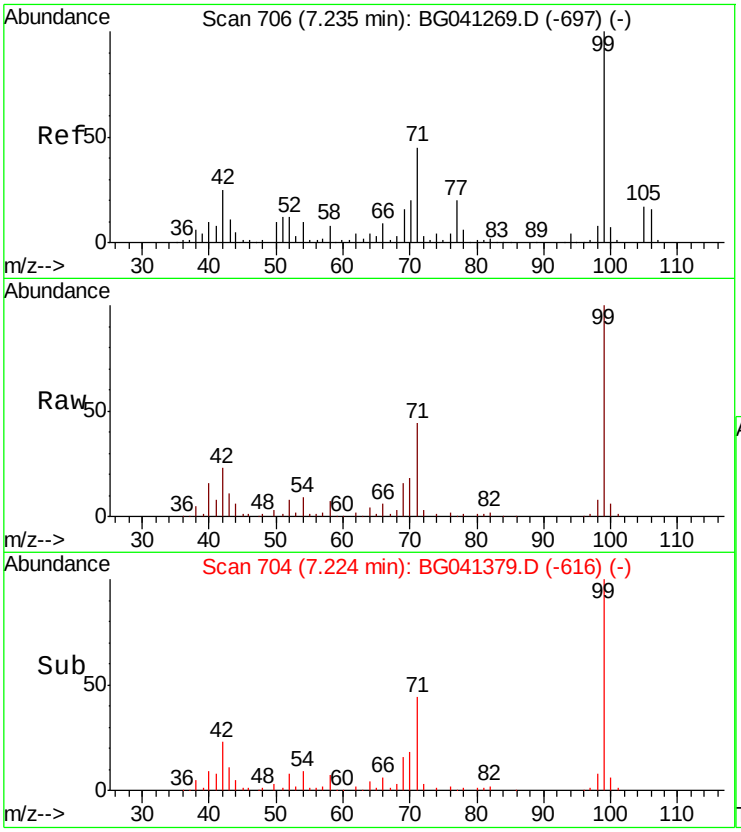


#5
2-Fluorophenol
Concen: 20.245 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Tgt Ion:112 Resp: 45112

Ion	Ratio	Lower	Upper
112	100		
64	68.7	55.9	83.9
63	45.0	34.6	51.8



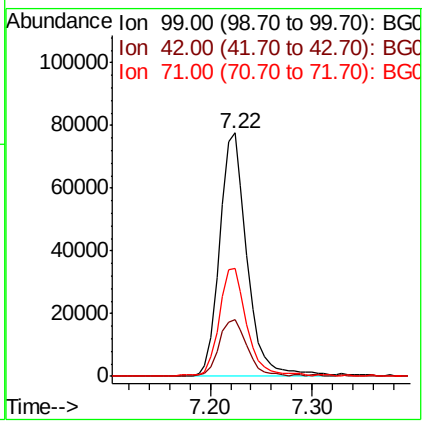


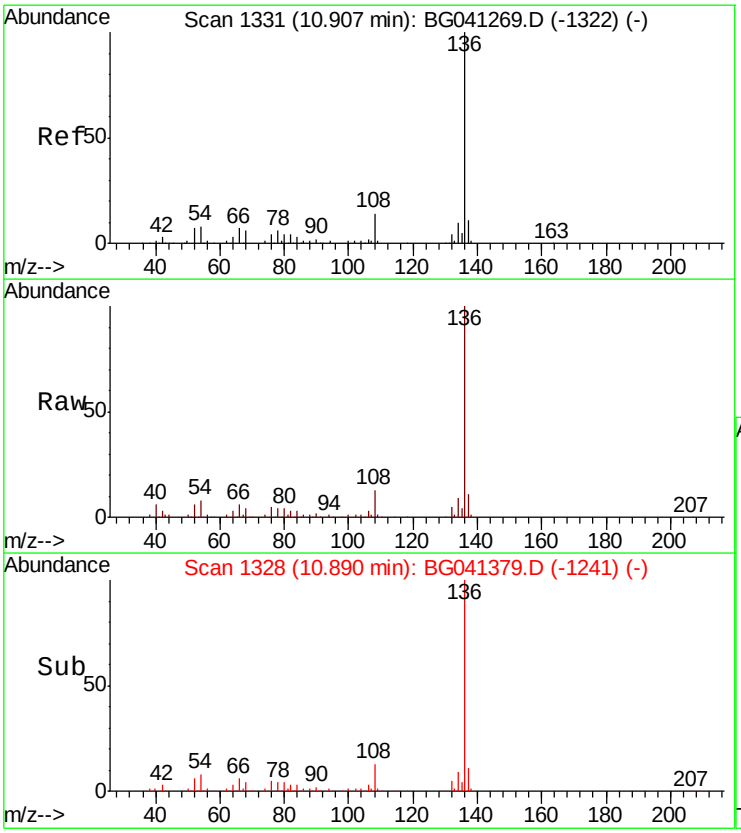
#7
Phenol-d6
Concen: 44.986 ng
RT: 7.22 min Scan# 704
Delta R.T. -0.01 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Instrument :
BNA_G
ClientSampleId :
BAT-B14RE

Tgt Ion: 99 Resp: 145302

Ion	Ratio	Lower	Upper
99	100		
42	23.3	19.9	29.9
71	44.1	36.4	54.6

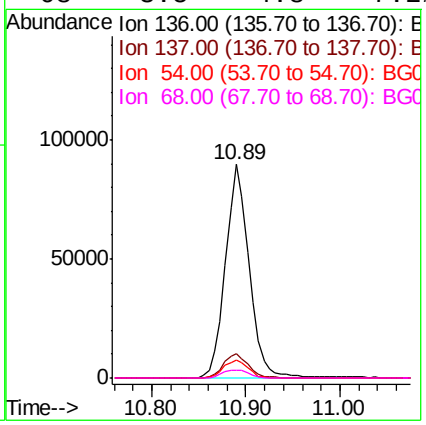


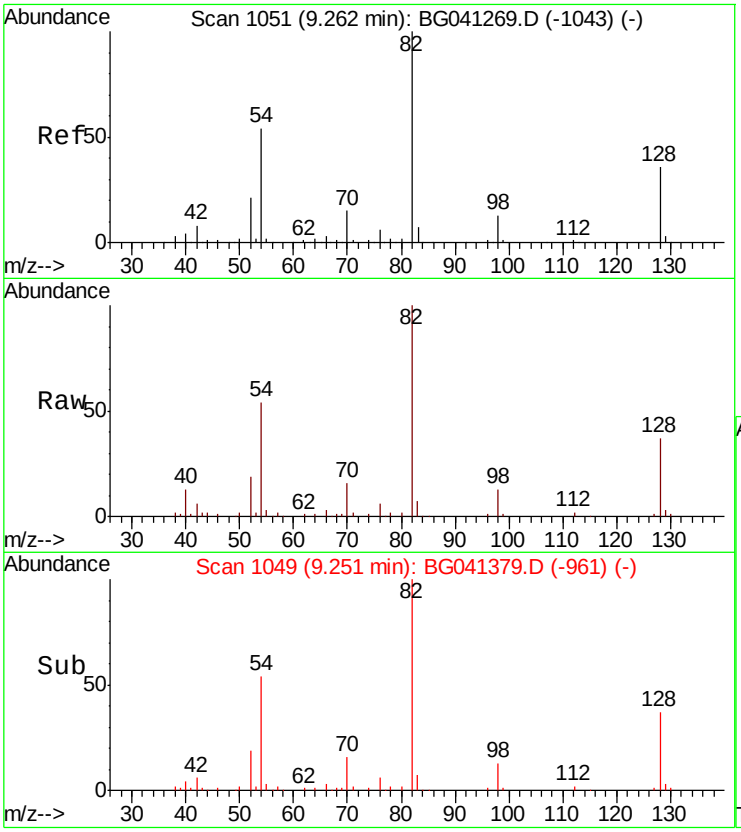


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Tgt Ion:136 Resp: 157193

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.5	6.4	9.6
68	3.5	4.8	7.2#



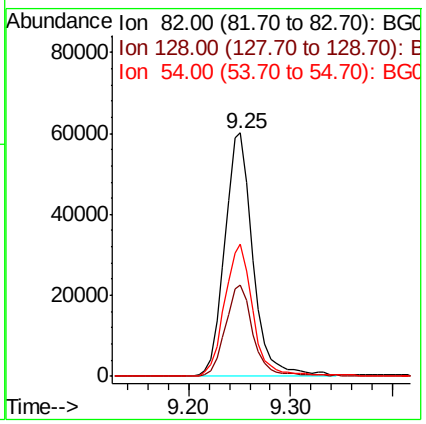


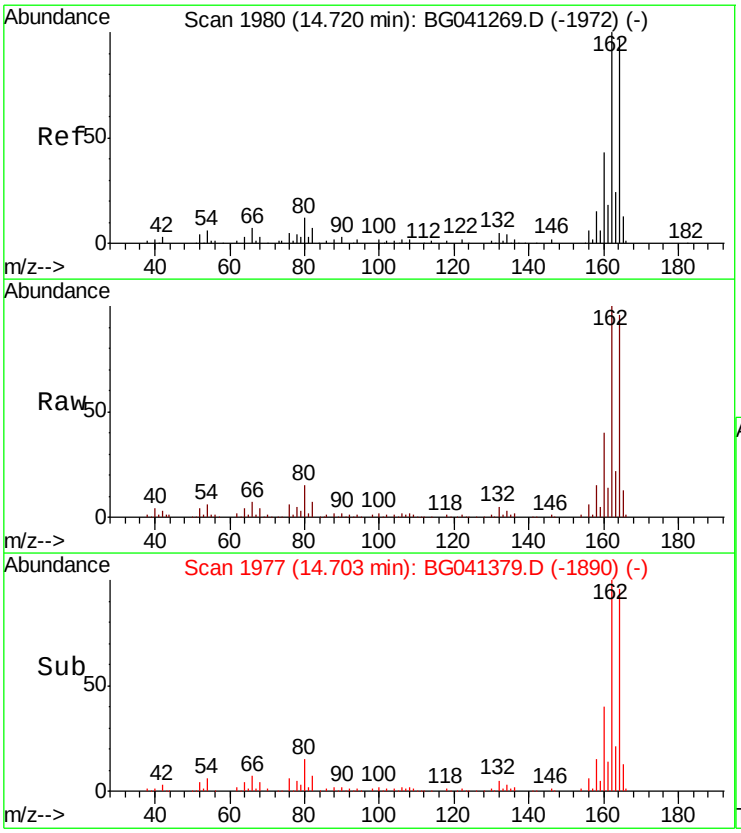
#23
Nitrobenzene-d5
Concen: 31.082 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Instrument :
BNA_G
ClientSampleId :
BAT-B14RE

Tgt Ion: 82 Resp: 116175

Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.2	43.8
54	54.3	43.4	65.0

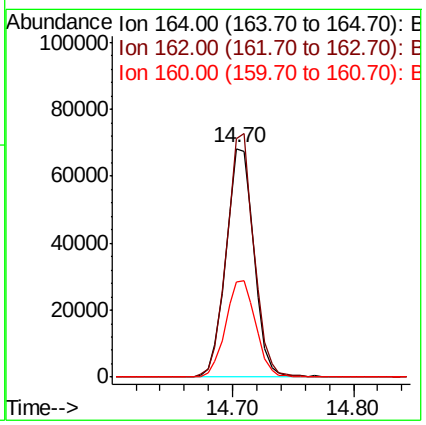


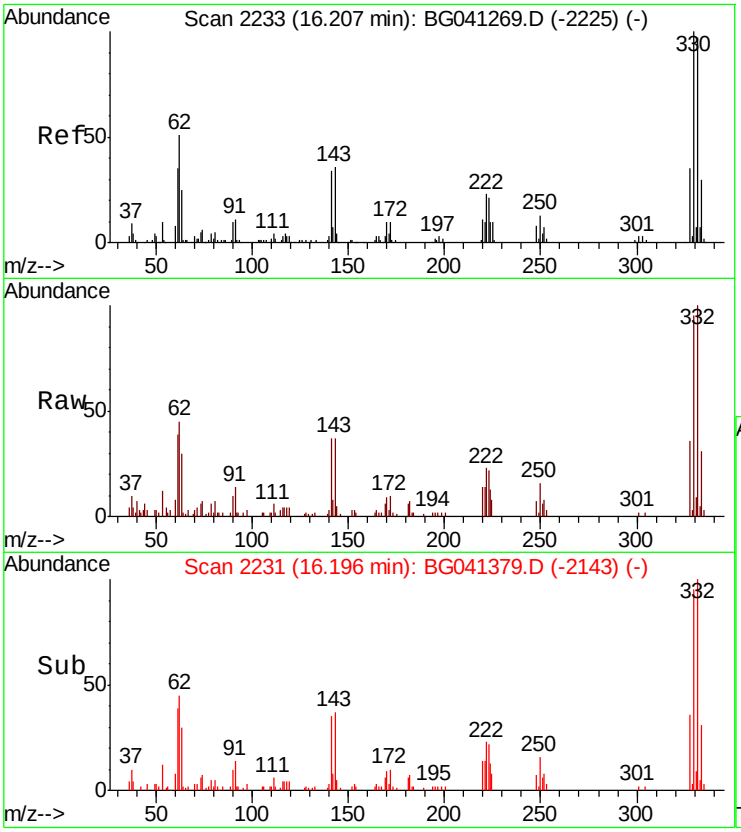


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Tgt Ion:164 Resp: 109702

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.8	124.2
160	41.7	35.8	53.8



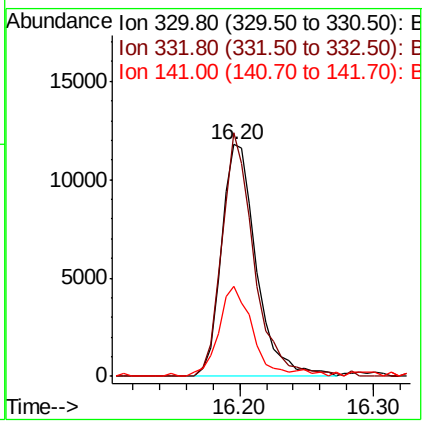


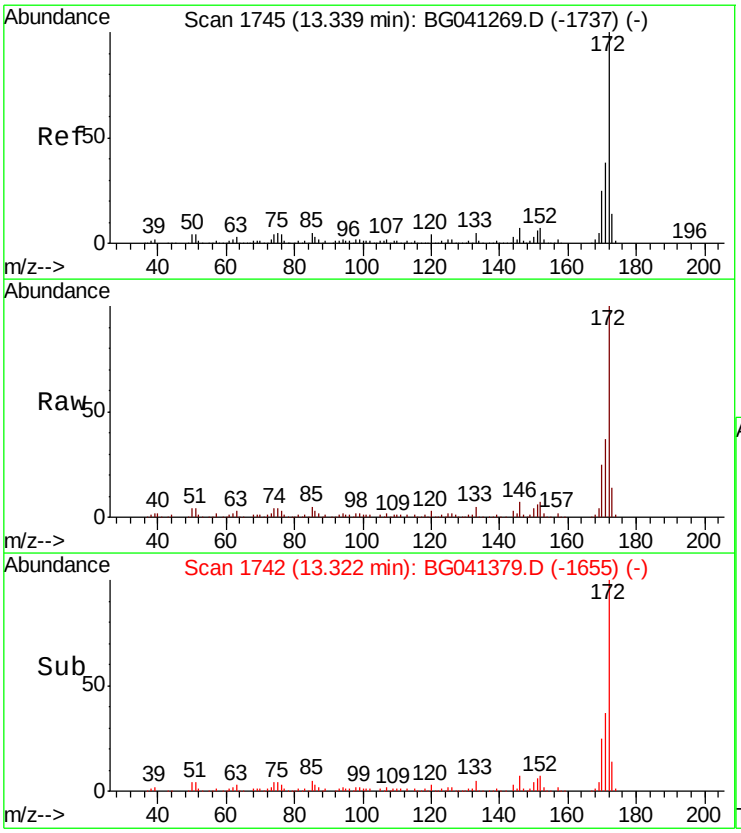
#42
2,4,6-Tribromophenol
Concen: 12.809 ng
RT: 16.20 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Instrument :
BNA_G
ClientSampleId :
BAT-B14RE

Tgt Ion:330 Resp: 21573

Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.5	113.3
141	38.4	29.0	43.4

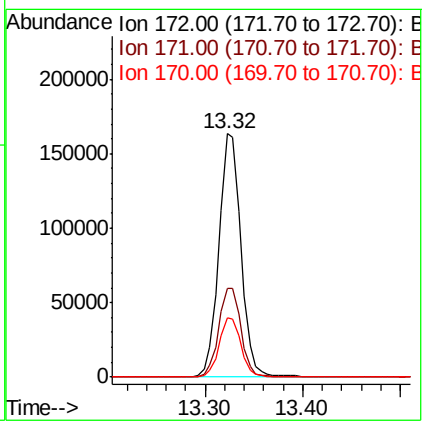


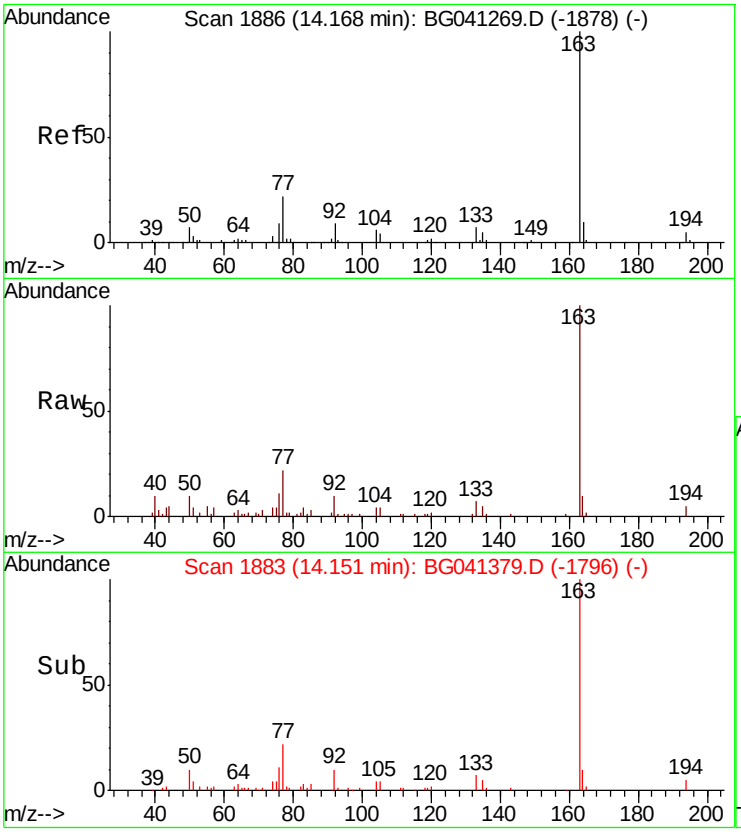


#45
2-Fluorobiphenyl
Concen: 31.684 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.02 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Tgt Ion:172 Resp: 255733

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.6	19.8	29.6



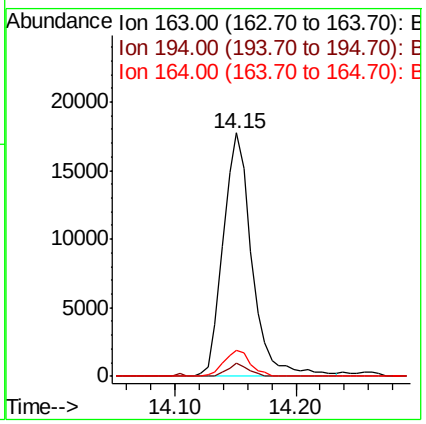


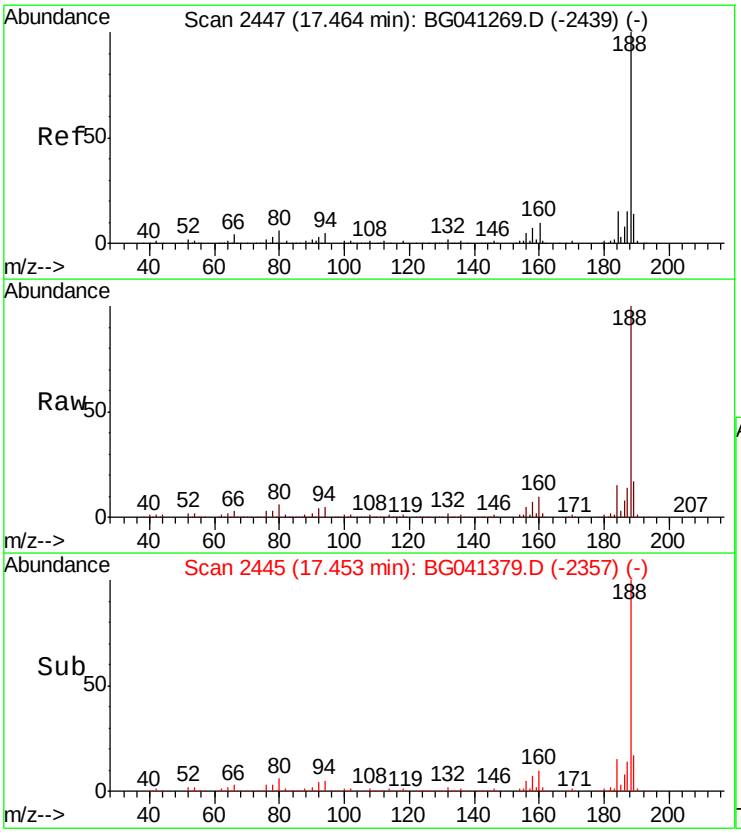
#50
Dimethylphthalate
Concen: 3.004 ng
RT: 14.15 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Instrument :
BNA_G
ClientSampleId :
BAT-B14RE

Tgt Ion:163 Resp: 29318

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.9	5.9
164	10.5	8.3	12.5

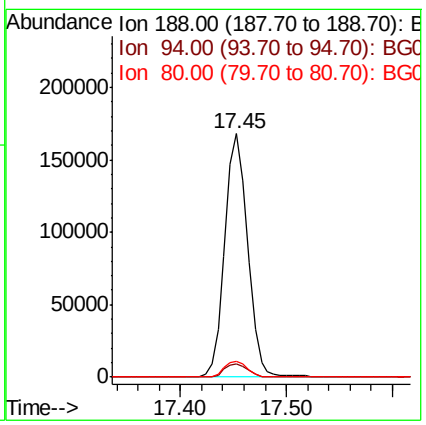


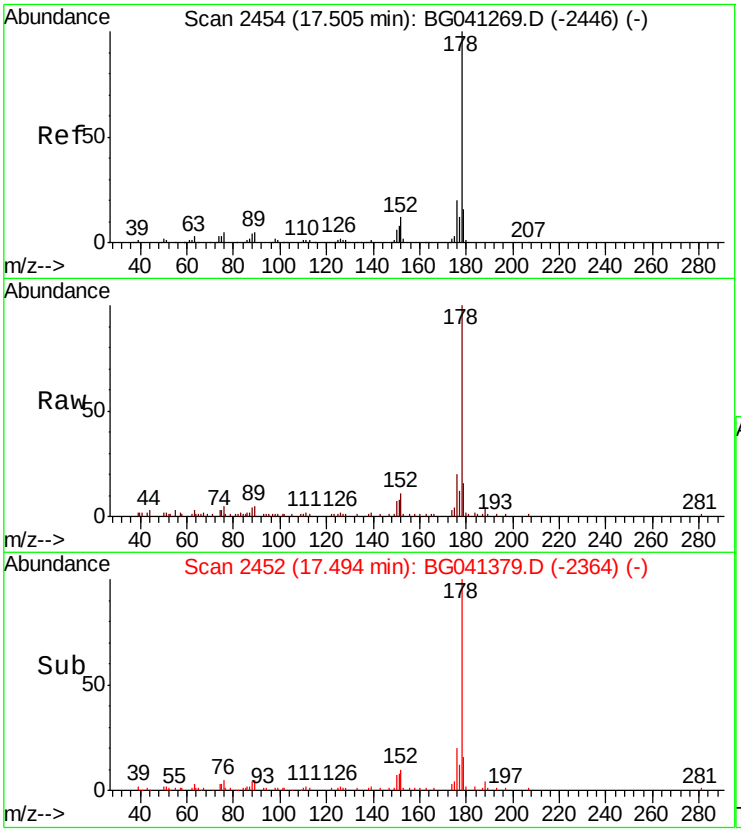


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Tgt Ion:188 Resp: 251819

Ion	Ratio	Lower	Upper
188	100		
94	5.3	3.6	5.4
80	6.4	4.8	7.2



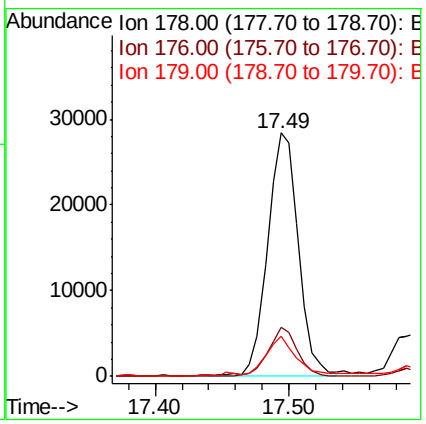


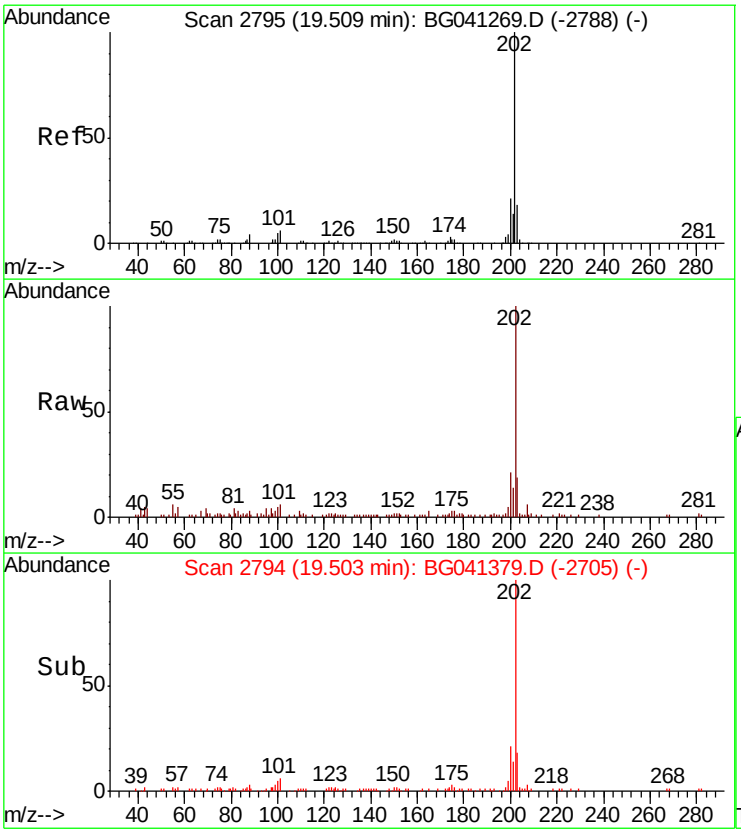
#71
Phenanthrene
Concen: 3.405 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Instrument :
BNA_G
ClientSampleId :
BAT-B14RE

Tgt Ion:178 Resp: 45728

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.1	24.1
179	16.3	12.9	19.3

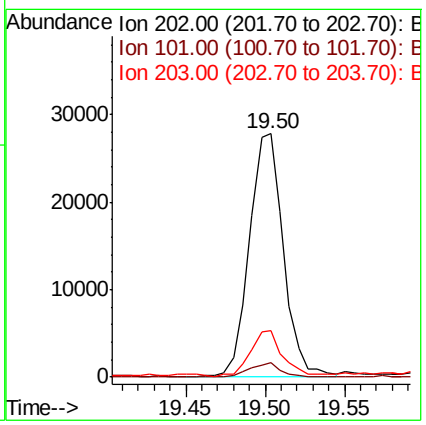


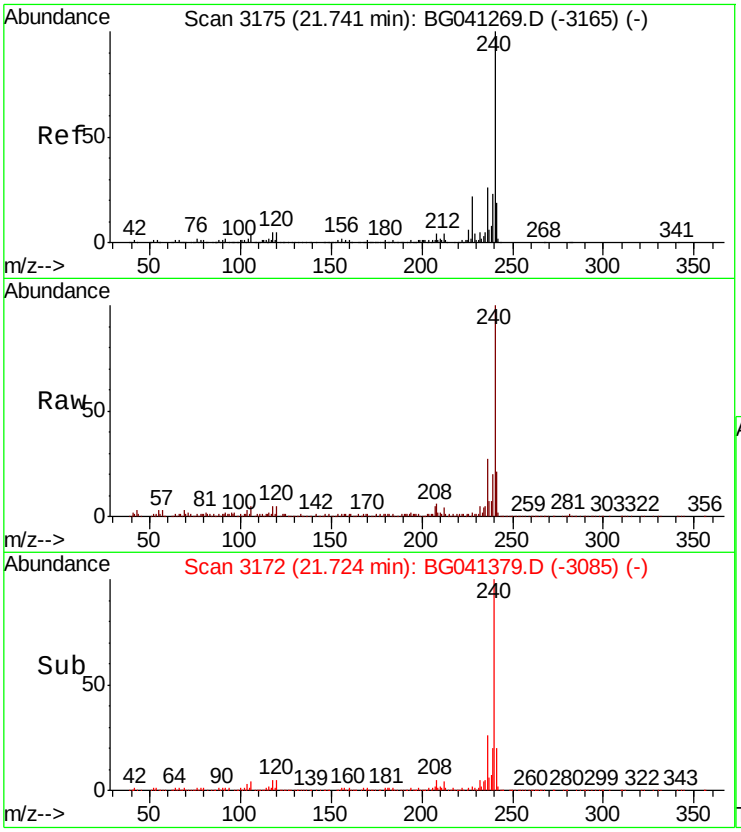


#75
Fluoranthene
Concen: 2.333 ng
RT: 19.50 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Tgt Ion:202 Resp: 41630

Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	26.0
203	19.1	0.0	37.7



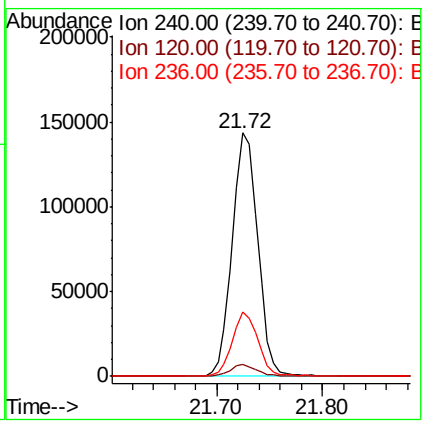


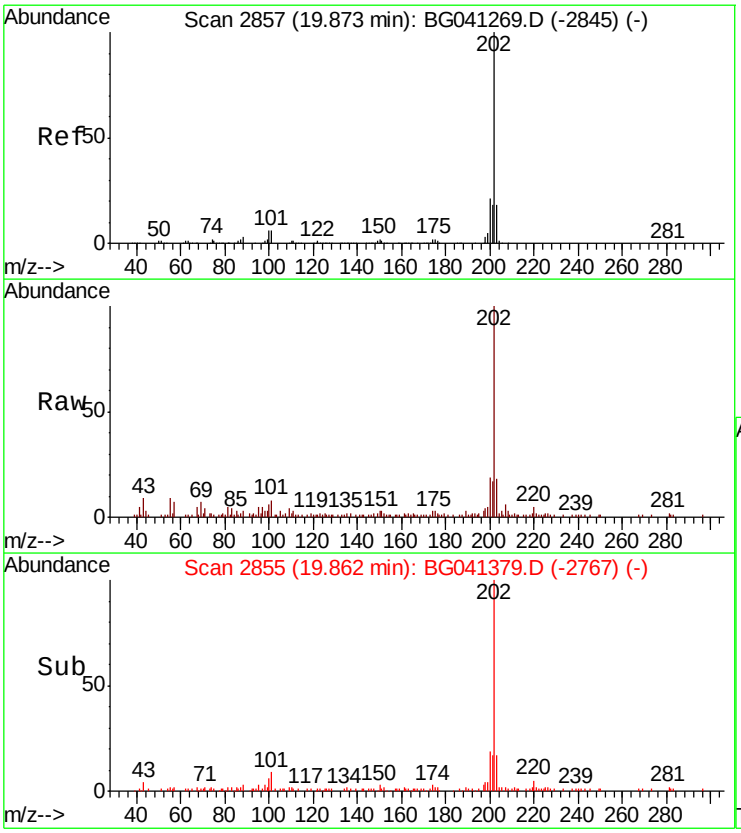
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.02 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Instrument :
BNA_G
ClientSampleId :
BAT-B14RE

Tgt Ion:240 Resp: 237913

Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.7	5.5
236	26.6	21.1	31.7

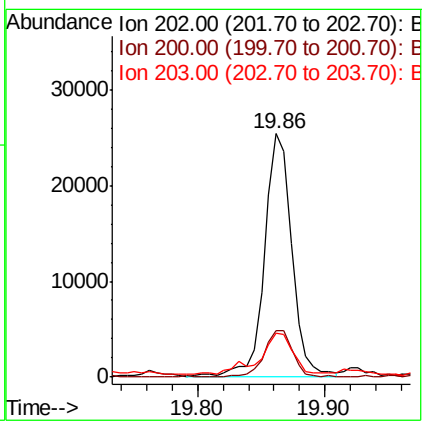


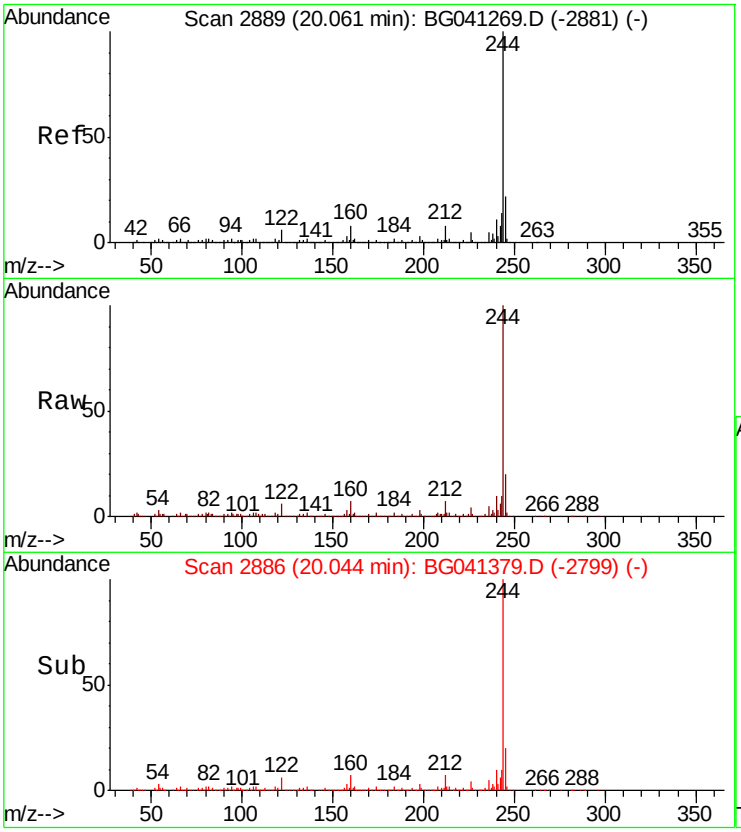


#78
Pyrene
Concen: 2.382 ng
RT: 19.86 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Tgt Ion:202 Resp: 38215

Ion	Ratio	Lower	Upper
202	100		
200	18.9	16.8	25.2
203	18.2	14.6	21.8



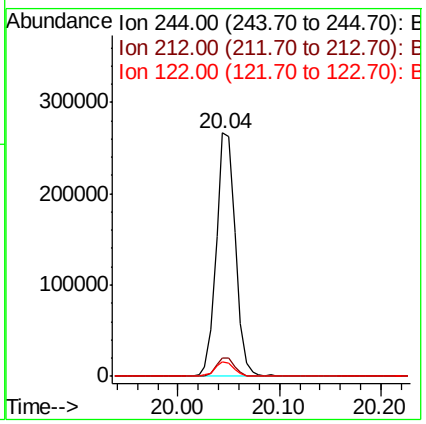


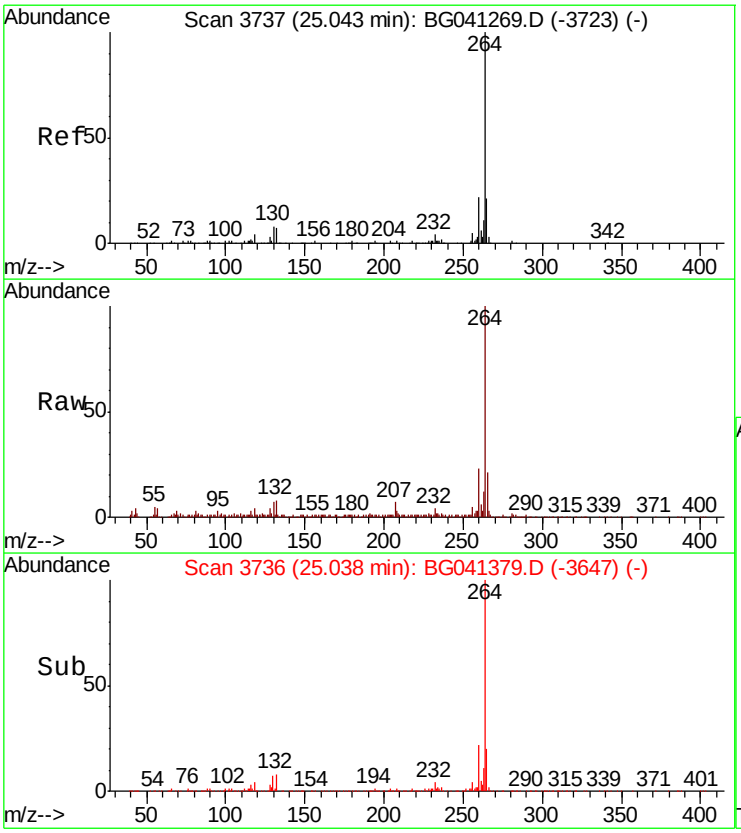
#79
Terphenyl-d14
Concen: 29.022 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.02 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Instrument :
BNA_G
ClientSampleId :
BAT-B14RE

Tgt Ion:244 Resp: 348403

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.6	10.0
122	6.1	5.0	7.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Tgt Ion:264 Resp: 261602

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.2
265	20.8	17.2	25.8