Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
Data File : BG041559.D
Acq On : 1 Jul 2019 15:08
Operator : HP/JU
Sample : K3592-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RT-5124

Quant Time: Jul 02 02:31:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28912	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	102200	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	73673	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	203412	20.00	ng		0.00
76) Chrysene-d12	21.70	240	249631	20.00	ng		0.00
87) Perylene-d12	24.99	264	272596	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	103681	63.93	ng		0.00
7) Phenol-d6	7.19	99	146896	64.35	ng		0.00
23) Nitrobenzene-d5	9.21	82	100807	41.14	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	82350	65.47	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	252480	43.98	ng		0.00
79) Terphenyl-d14	20.02	244	555116	47.26	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	14.12	163	46942	7.002	ng	#	97
52) Acenaphthene	14.74	154	53831	12.164	ng		97
55) Dibenzofuran	15.07	168	37566	4.876	ng		99
58) Fluorene	15.72	166	58188	9.494	ng		97
71) Phenanthrene	17.47	178	376849	33.626	ng		98
72) Anthracene	17.56	178	37593	3.352	ng		97
75) Fluoranthene	19.48	202	543618	36.381	ng		100
78) Pyrene	19.84	202	384511	22.563	ng		99
81) Benzo(a)anthracene	21.68	228	106442	6.133	ng		99
83) Chrysene	21.74	228	96827	5.764	ng		97
88) Benzo(b)fluoranthene	23.93	252	70627	4.062	ng	#	99
90) Benzo(a)pyrene	24.83	252	41830	2.533	ng		100

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

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Misc :
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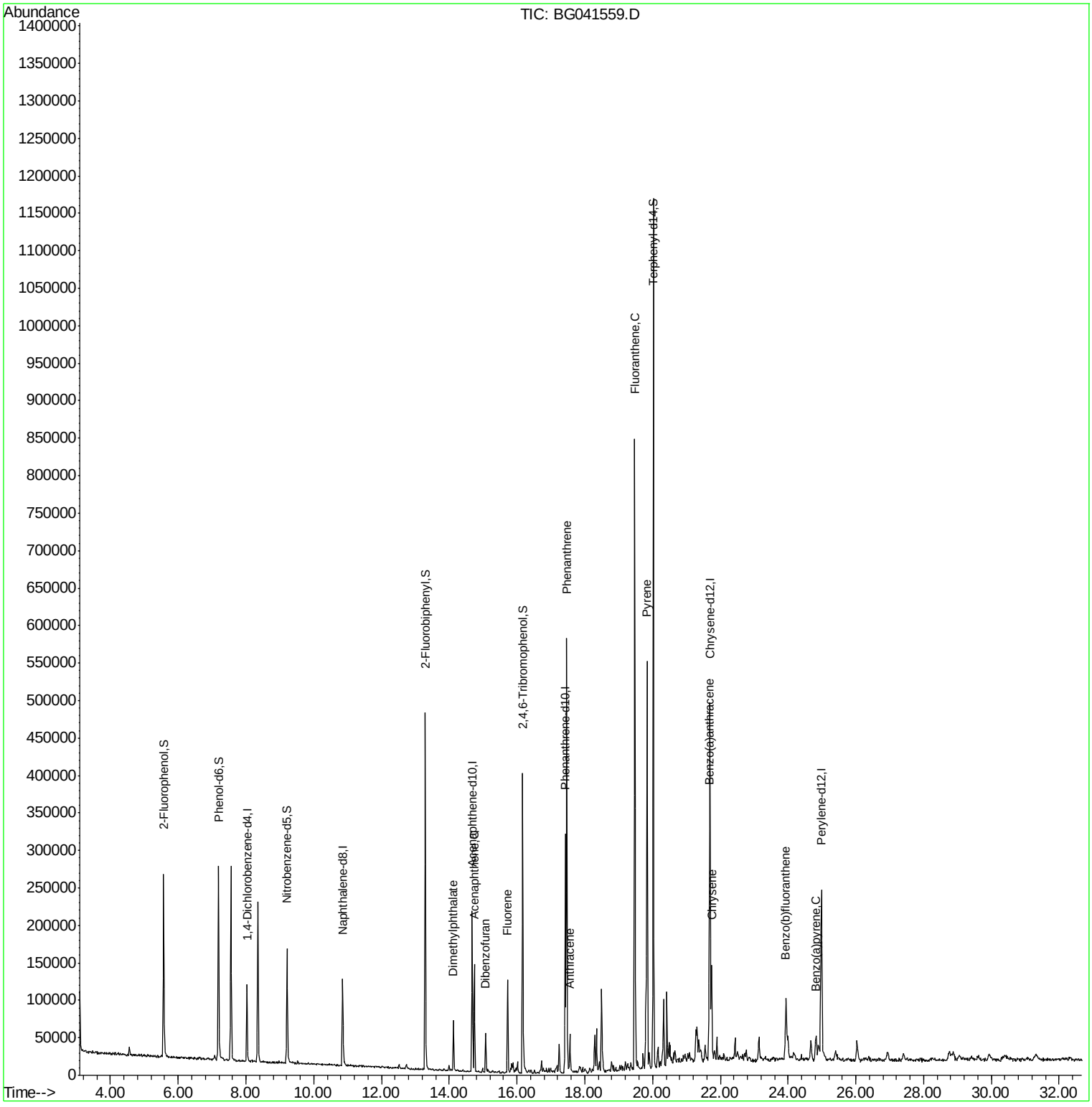
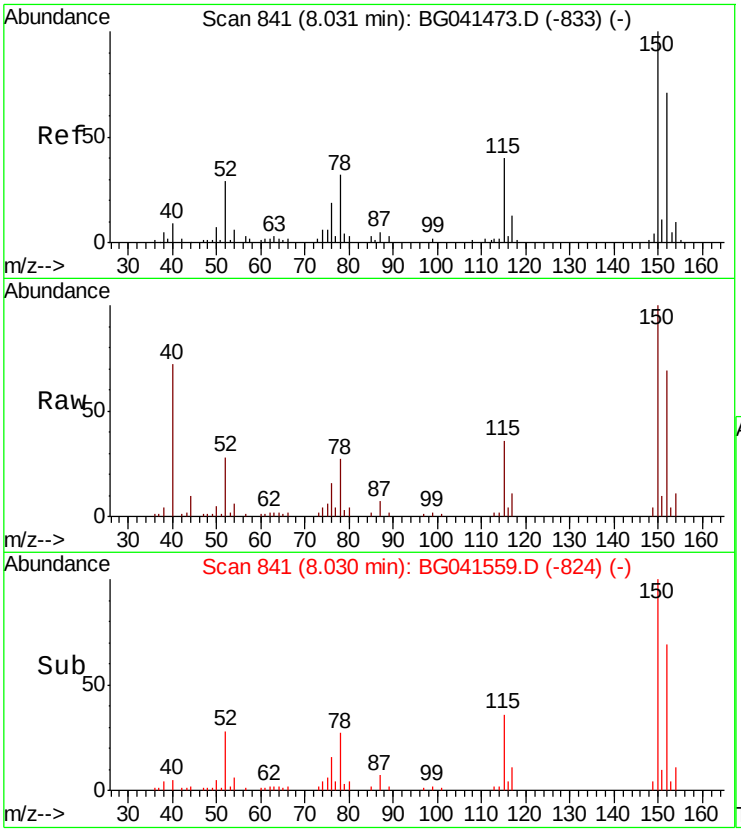
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration



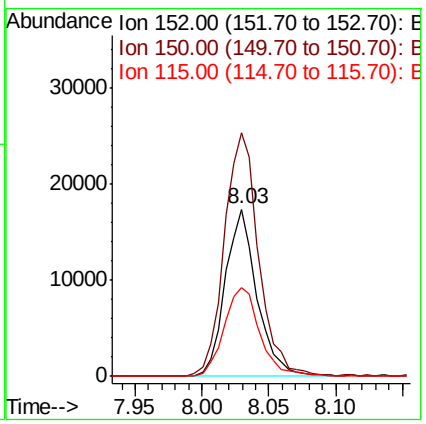


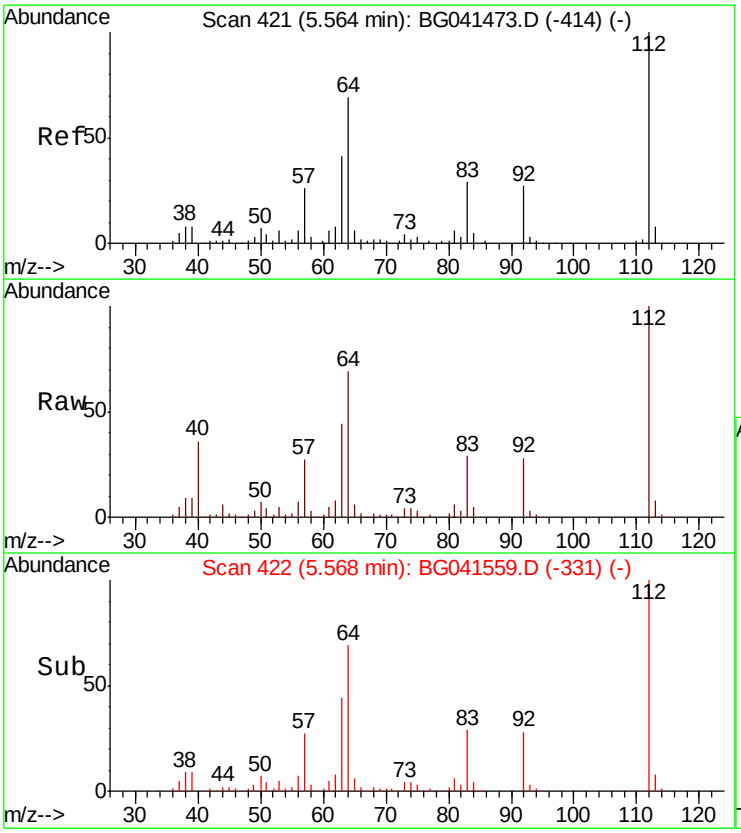
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Instrument :
BNA_G
ClientSampleId :
RT-5124

Tgt Ion:152 Resp: 28912

Ion	Ratio	Lower	Upper
152	100		
150	145.8	112.4	168.6
115	53.2	44.6	66.8

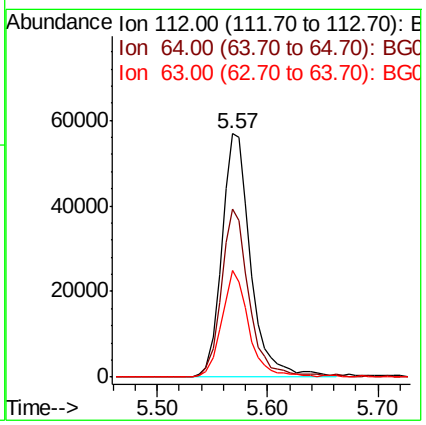


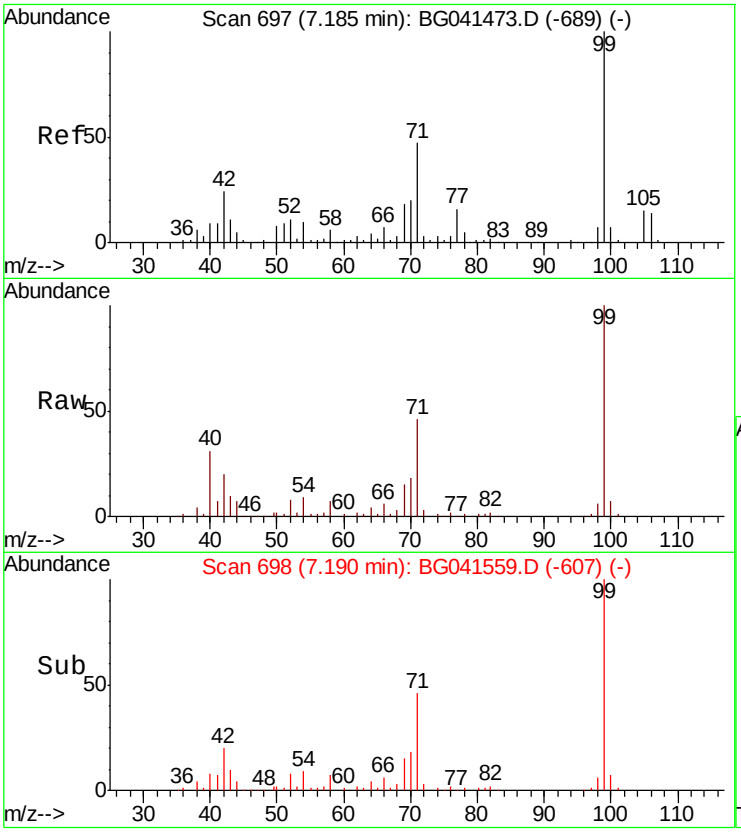


#5
2-Fluorophenol
Concen: 63.935 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Tgt Ion:112 Resp: 103681

Ion	Ratio	Lower	Upper
112	100		
64	68.8	55.1	82.7
63	43.9	32.4	48.6



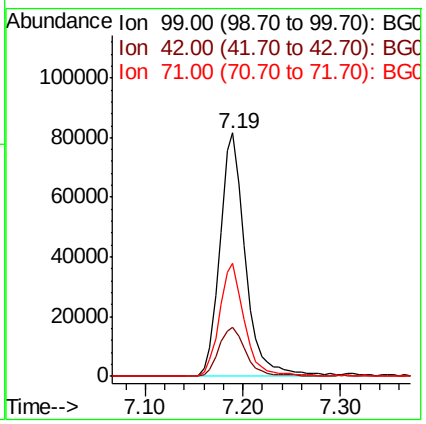


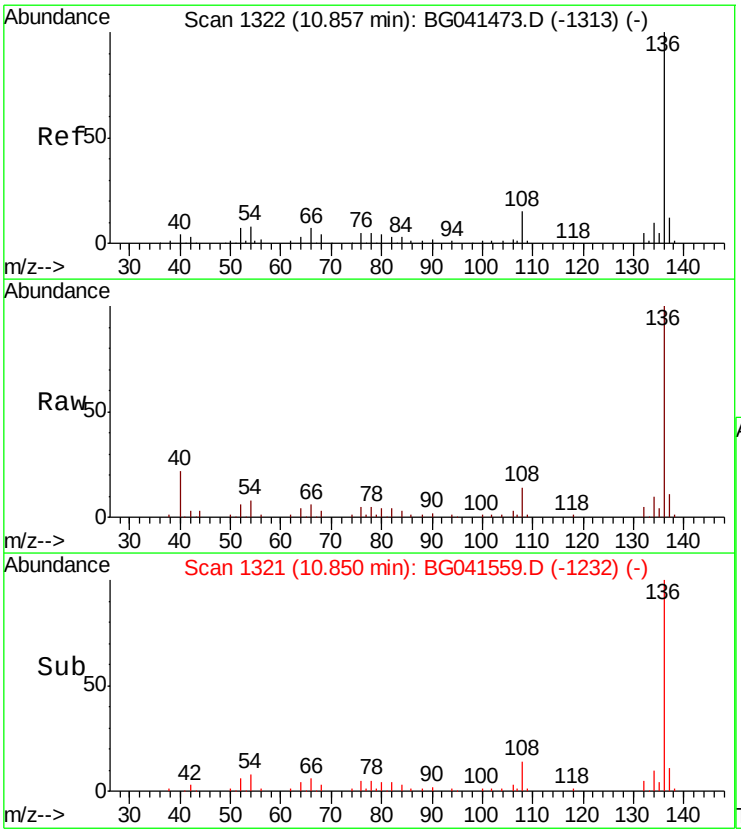
#7
Phenol-d6
Concen: 64.347 ng
RT: 7.19 min Scan# 698
Delta R.T. 0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Instrument :
BNA_G
ClientSampleId :
RT-5124

Tgt Ion: 99 Resp: 146896

Ion	Ratio	Lower	Upper
99	100		
42	20.0	19.0	28.6
71	46.4	37.4	56.2

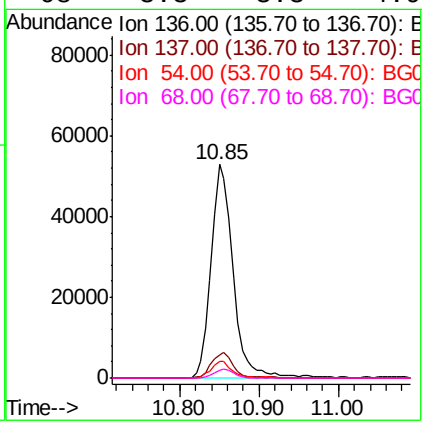


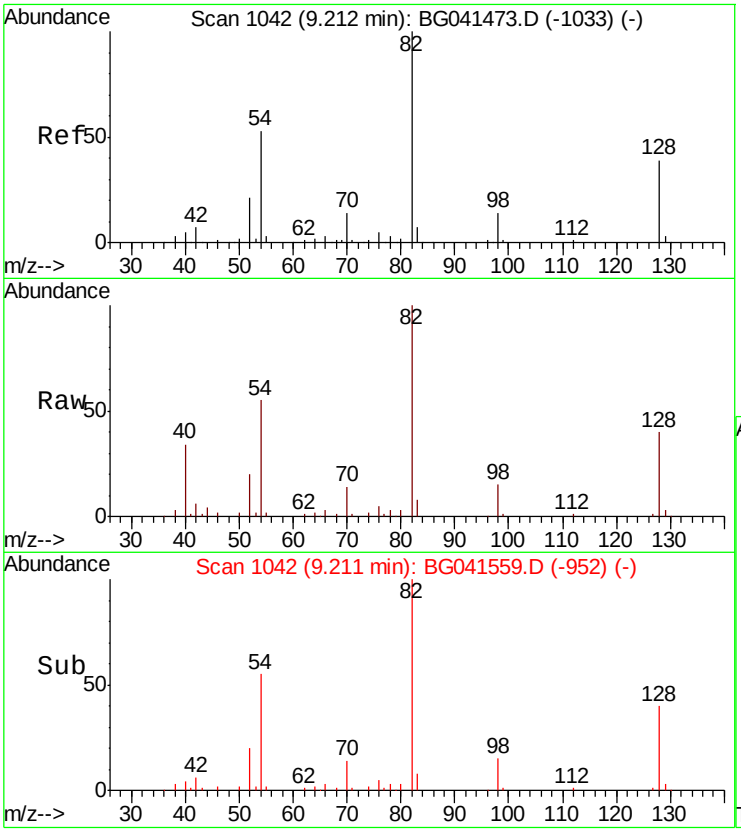


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Tgt Ion:136 Resp: 102200

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	8.0	7.1	10.7
68	3.3	3.3	4.9



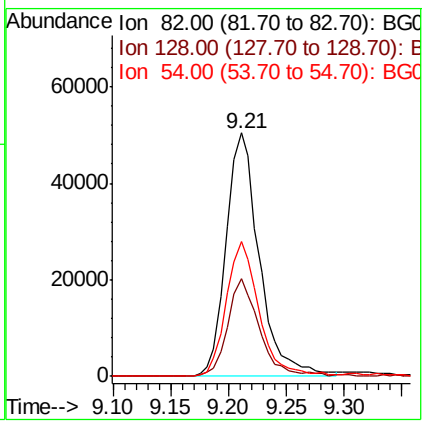


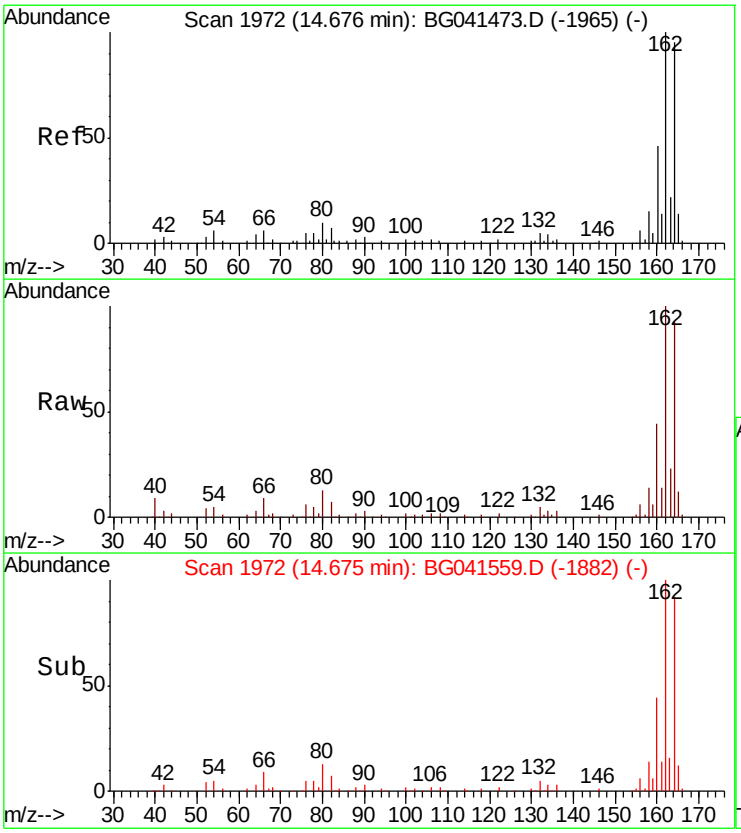
#23
Nitrobenzene-d5
Concen: 41.139 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Instrument :
BNA_G
ClientSampleId :
RT-5124

Tgt Ion: 82 Resp: 100807

Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.9	46.3
54	55.2	42.2	63.2

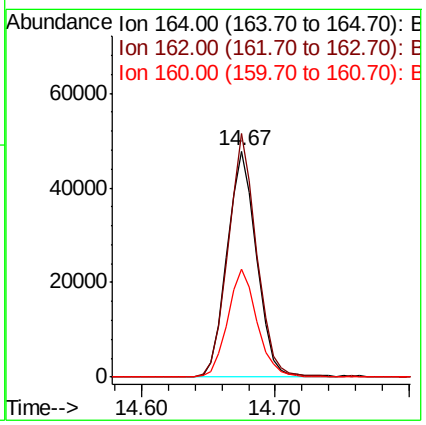


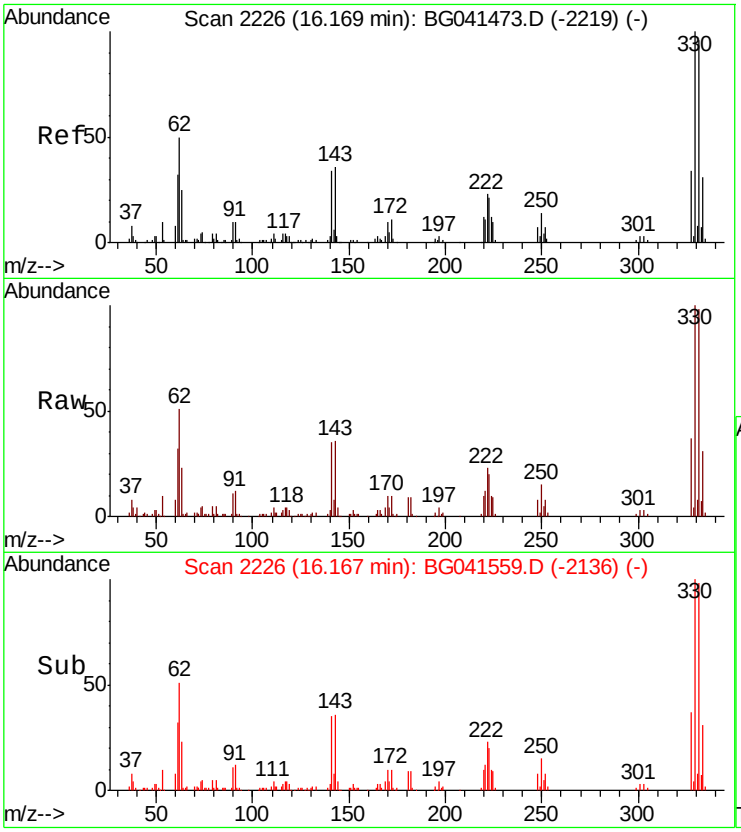


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Tgt Ion:164 Resp: 73673

Ion	Ratio	Lower	Upper
164	100		
162	107.8	84.4	126.6
160	47.6	38.8	58.2



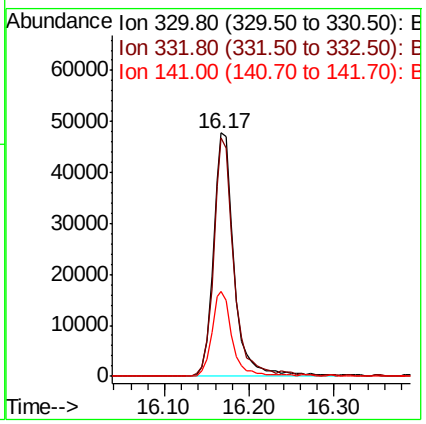


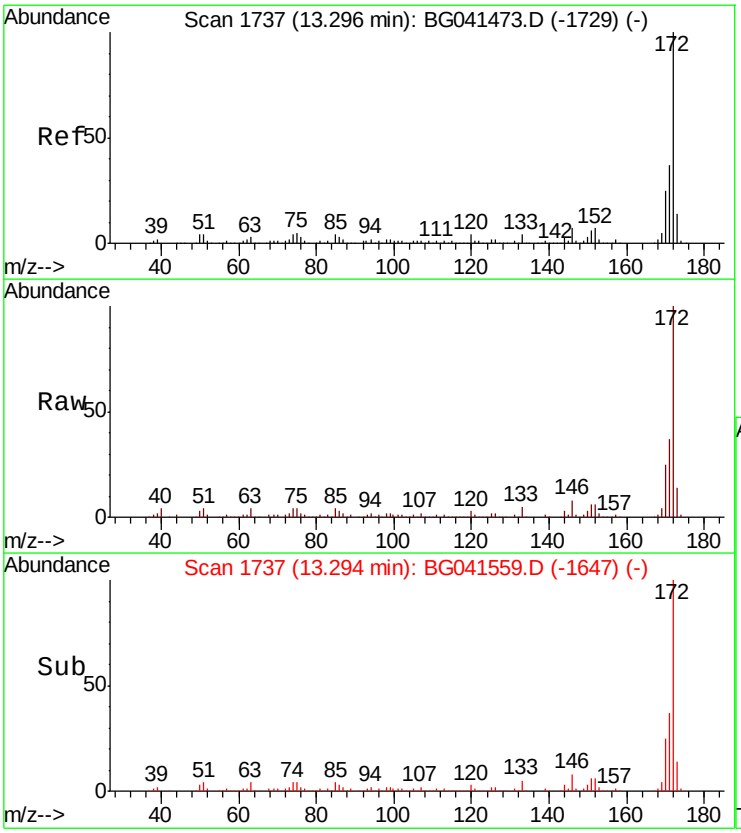
#42
2,4,6-Tribromophenol
Concen: 65.465 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Instrument :
BNA_G
ClientSampleId :
RT-5124

Tgt Ion:330 Resp: 82350

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.5	113.3
141	35.1	27.8	41.6

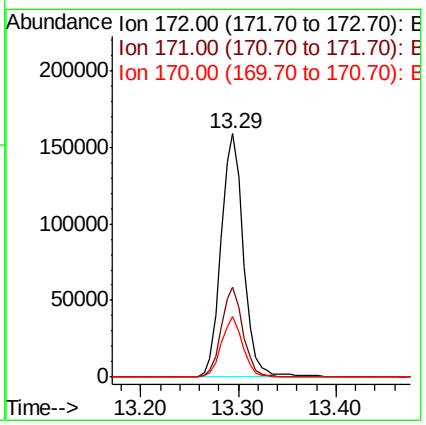


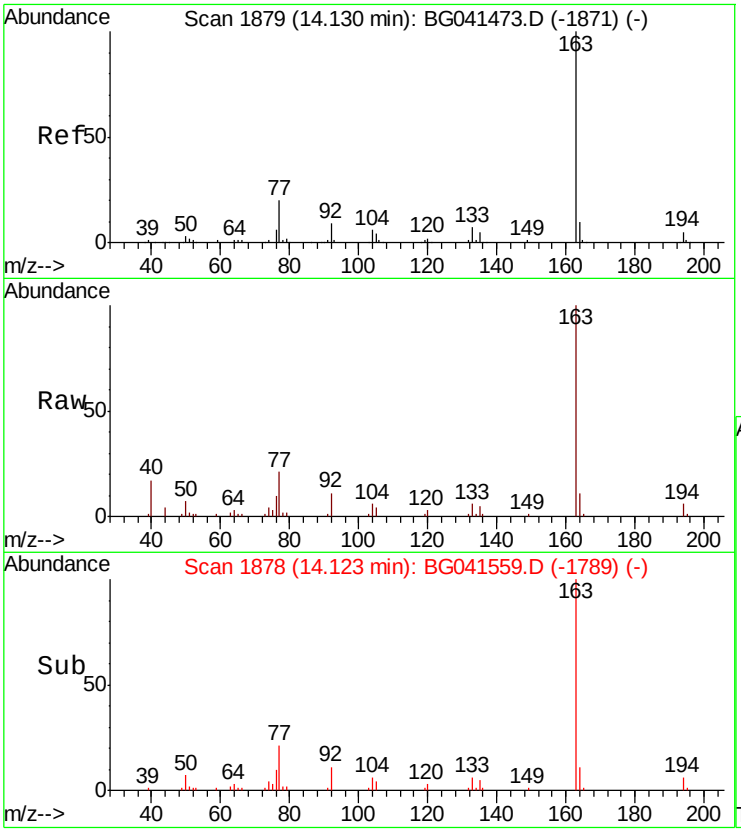


#45
2-Fluorobiphenyl
Concen: 43.978 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Tgt Ion:172 Resp: 252480

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	24.9	20.0	30.0



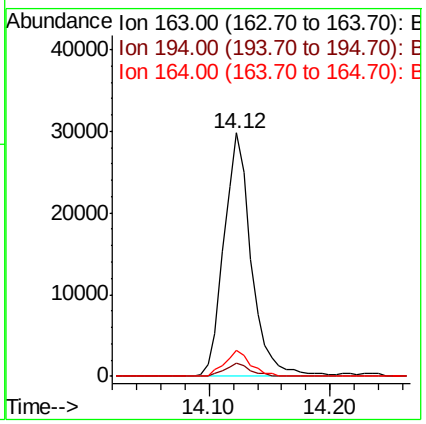


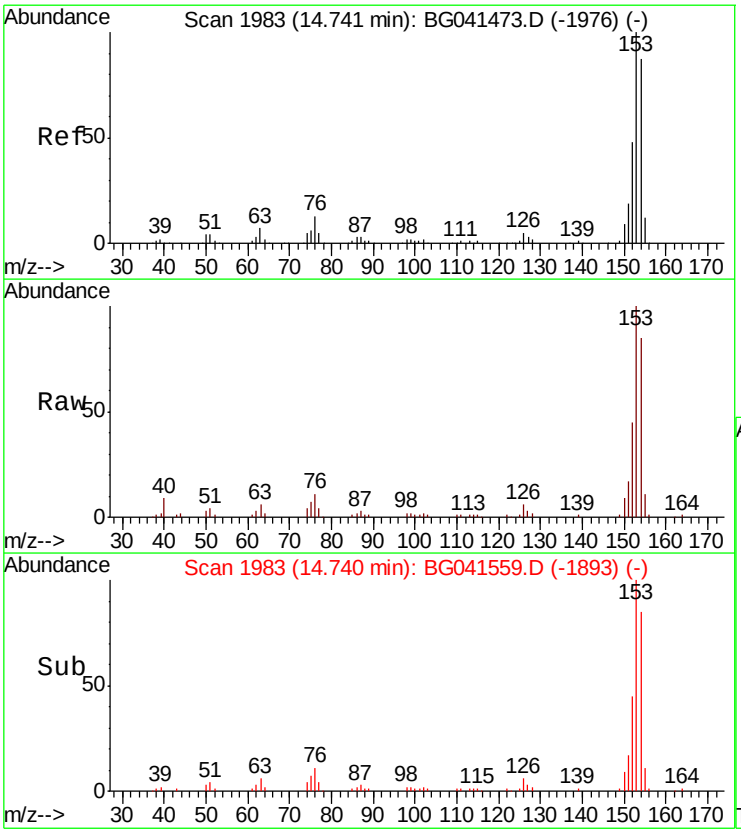
#50
Dimethylphthalate
Concen: 7.002 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Instrument :
BNA_G
ClientSampleId :
RT-5124

Tgt Ion:163 Resp: 46942

Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.7	5.5#
164	10.7	7.8	11.6

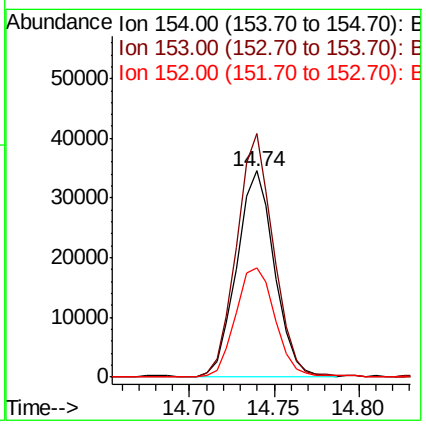


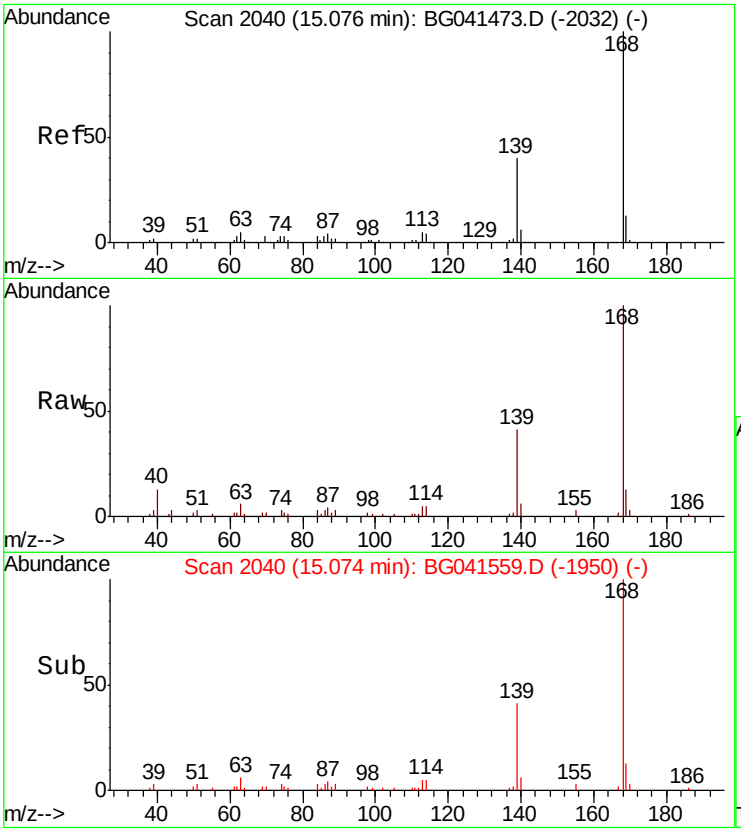


#52
Acenaphthene
Concen: 12.164 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Tgt Ion:154 Resp: 53831

Ion	Ratio	Lower	Upper
154	100		
153	118.1	92.2	138.4
152	52.8	44.1	66.1



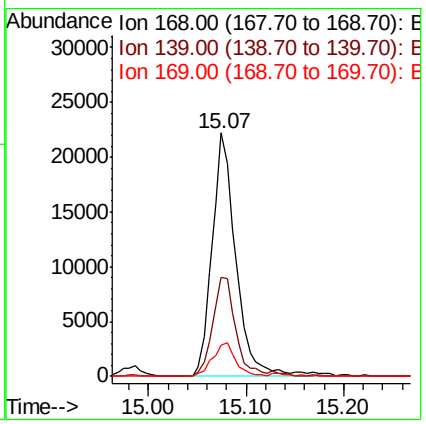


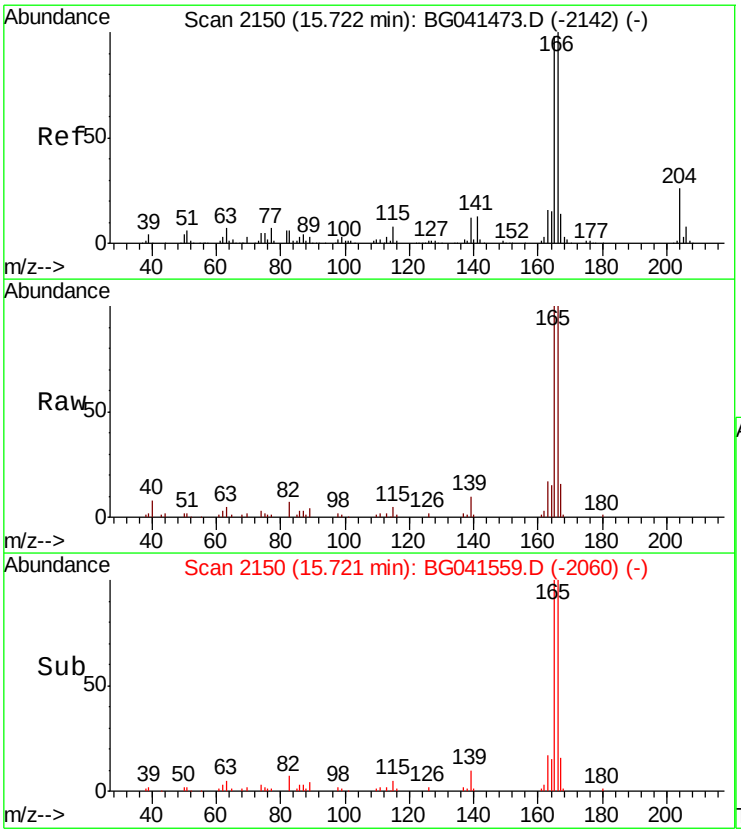
#55
Dibenzofuran
Concen: 4.876 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Instrument :
BNA_G
ClientSampleId :
RT-5124

Tgt Ion:168 Resp: 37566

Ion	Ratio	Lower	Upper
168	100		
139	40.9	32.2	48.4
169	13.0	10.6	16.0

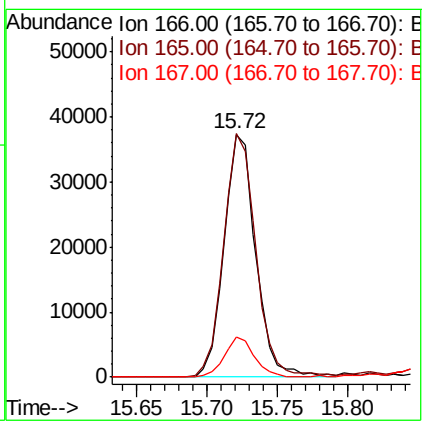


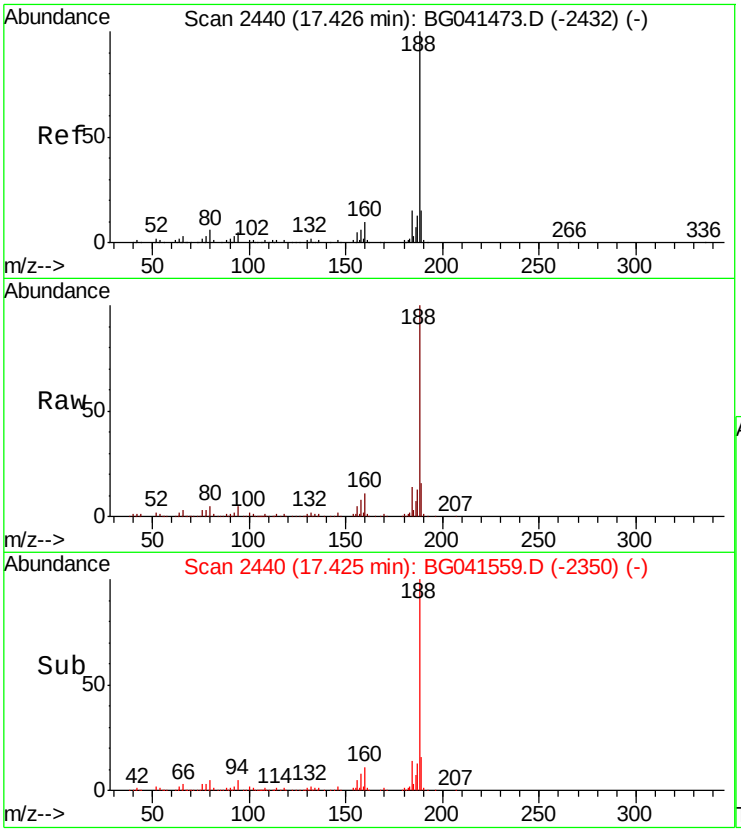


#58
Fluorene
Concen: 9.494 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Tgt Ion:166 Resp: 58188

Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.6	117.8
167	16.6	11.4	17.0



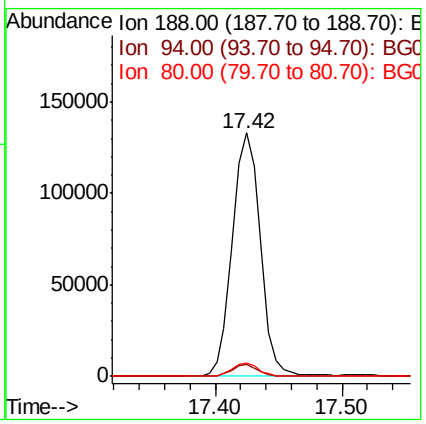


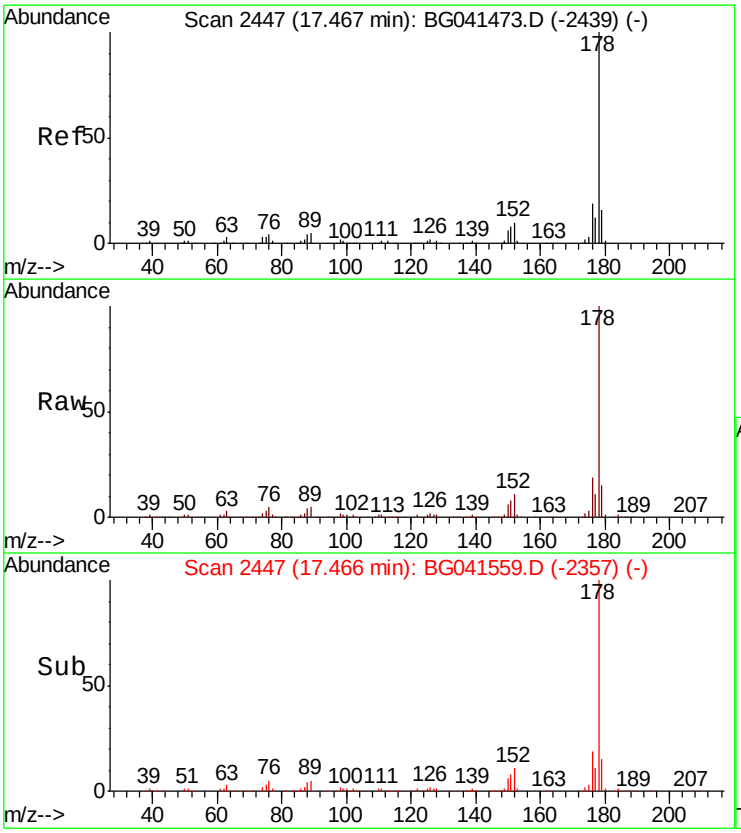
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Instrument :
BNA_G
ClientSampleId :
RT-5124

Tgt Ion:188 Resp: 203412

Ion	Ratio	Lower	Upper
188	100		
94	4.8	3.8	5.8
80	5.4	4.8	7.2

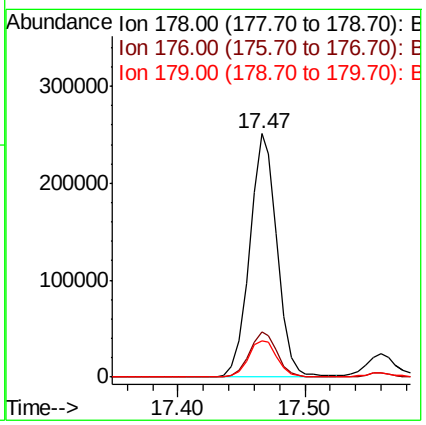


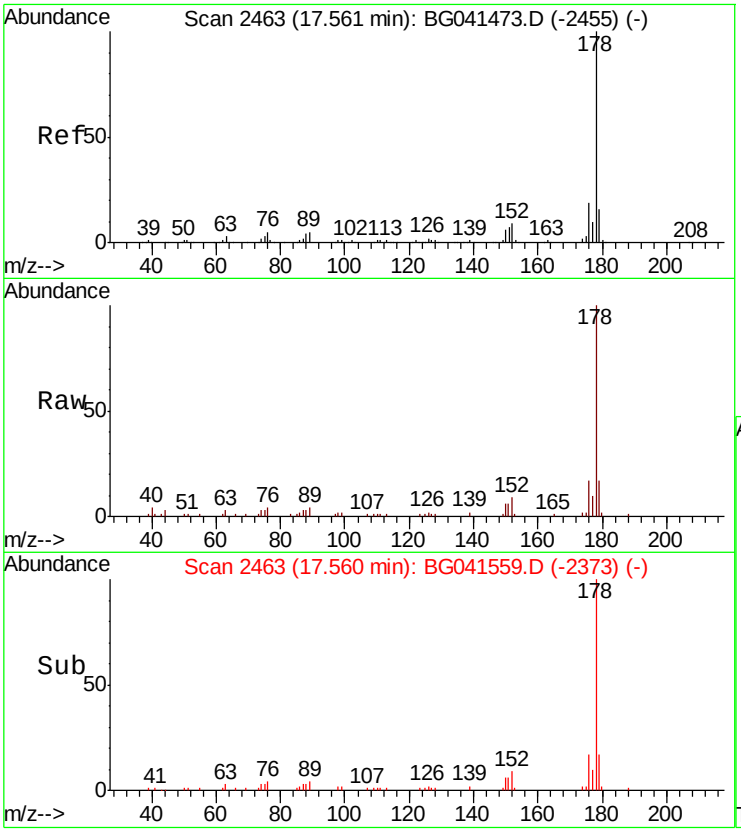


#71
Phenanthrene
Concen: 33.626 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Tgt Ion:178 Resp: 376849

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.1	13.0	19.4



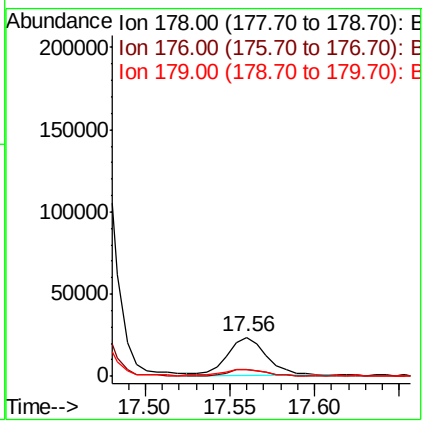


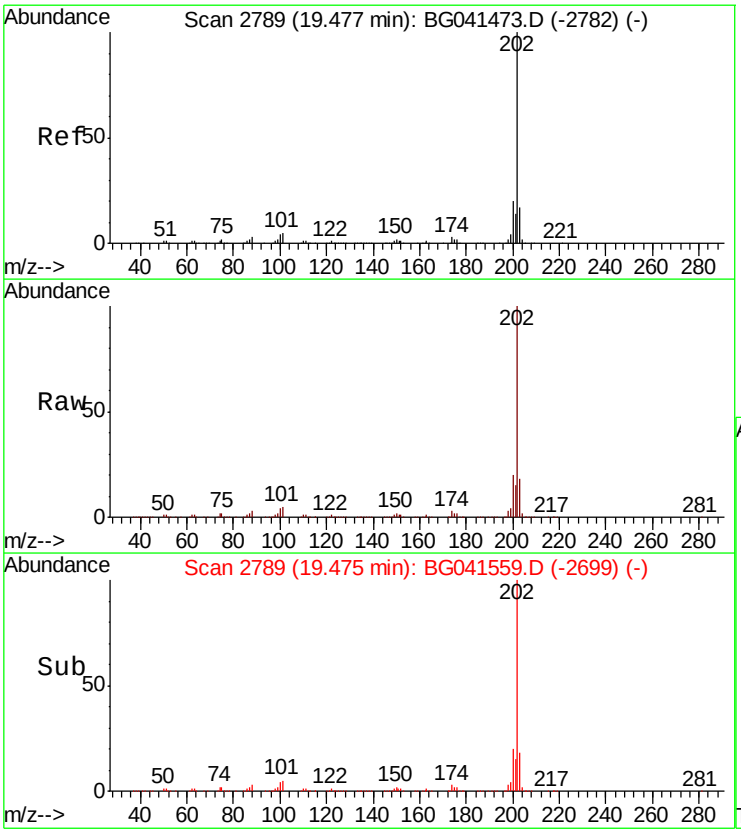
#72
Anthracene
Concen: 3.352 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Instrument :
BNA_G
ClientSampleId :
RT-5124

Tgt Ion:178 Resp: 37593

Ion	Ratio	Lower	Upper
178	100		
176	17.1	14.8	22.2
179	17.4	12.8	19.2

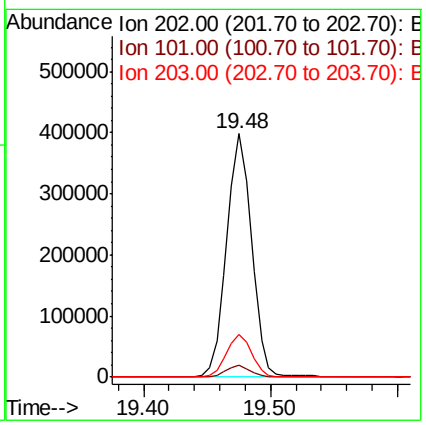


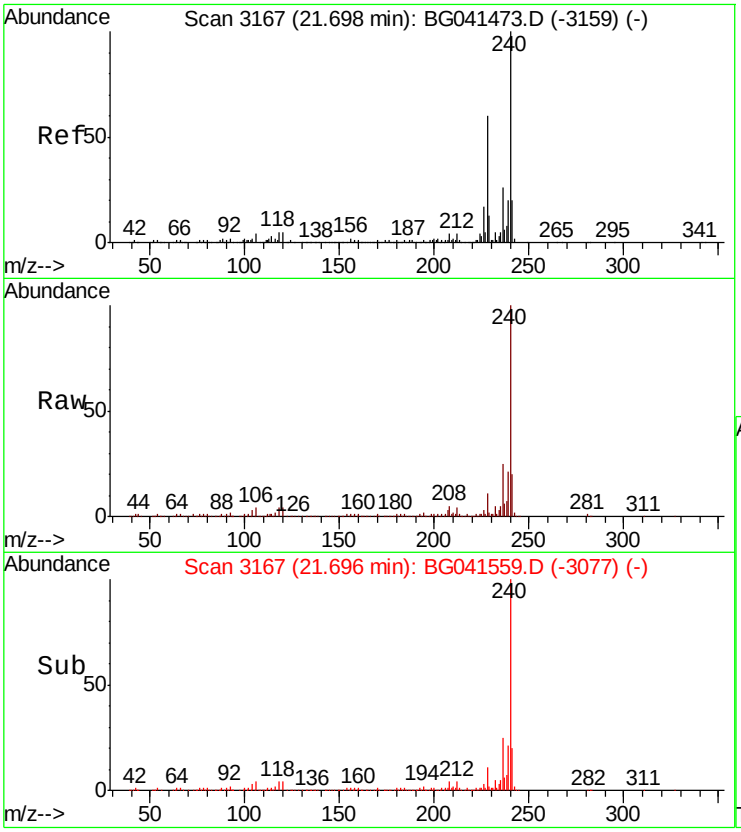


#75
Fluoranthene
Concen: 36.381 ng
RT: 19.48 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Tgt Ion:202 Resp: 543618

Ion	Ratio	Lower	Upper
202	100		
101	4.7	0.0	24.9
203	17.7	0.0	37.5



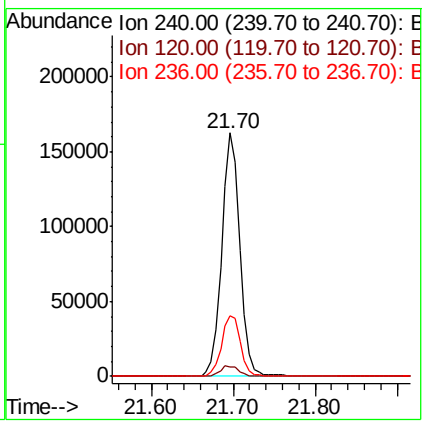


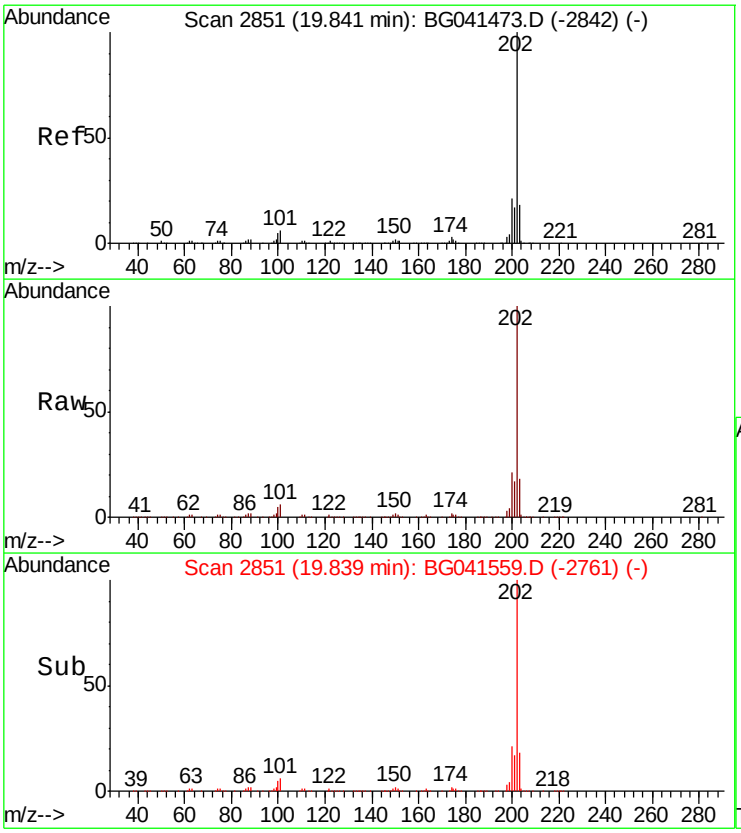
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Instrument :
BNA_G
ClientSampleId :
RT-5124

Tgt Ion:240 Resp: 249631

Ion	Ratio	Lower	Upper
240	100		
120	4.1	3.7	5.5
236	24.7	20.8	31.2

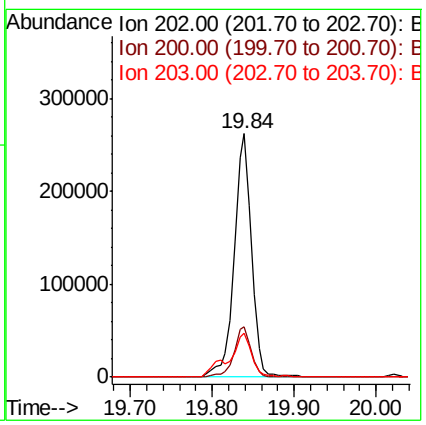


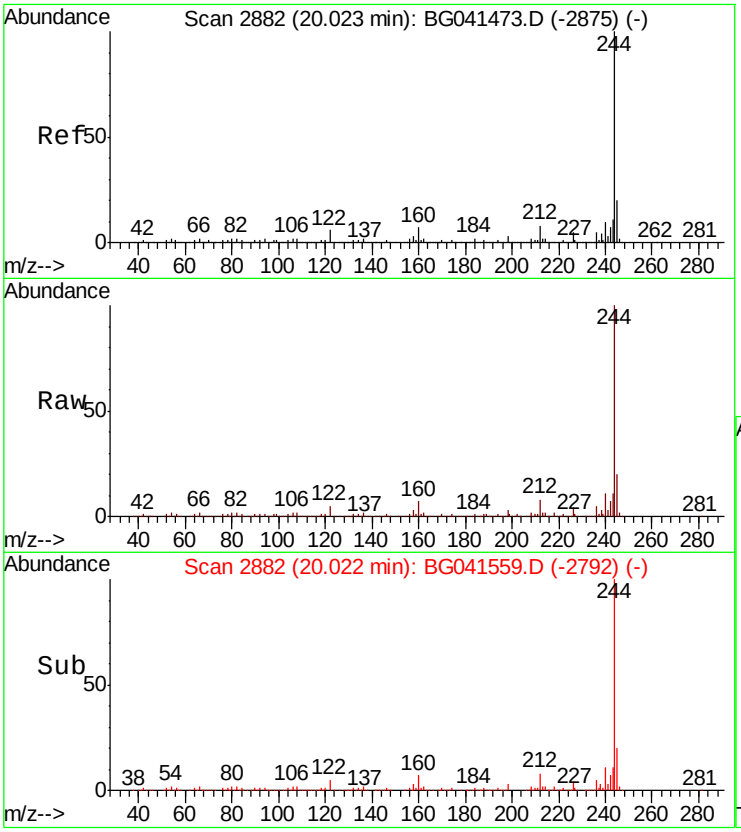


#78
Pyrene
Concen: 22.563 ng
RT: 19.84 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Tgt Ion:202 Resp: 384511

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.8	25.2
203	18.0	14.2	21.4



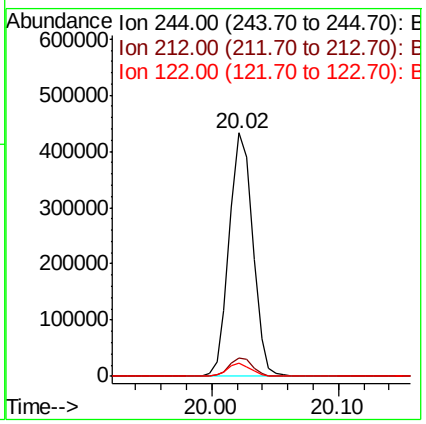


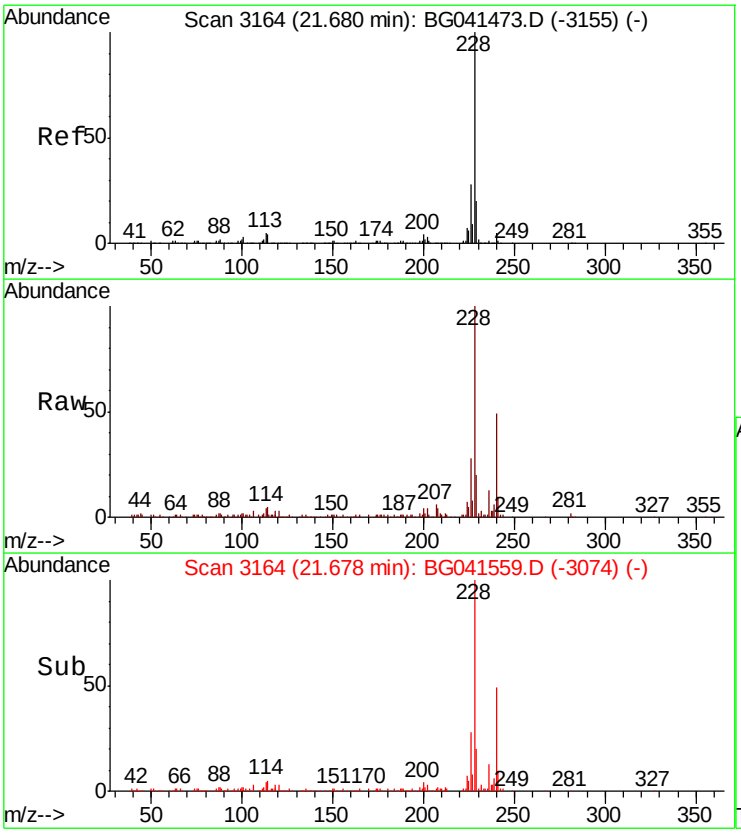
#79
Terphenyl-d14
Concen: 47.256 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Instrument :
BNA_G
ClientSampleId :
RT-5124

Tgt Ion:244 Resp: 555116

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.4
122	5.3	4.8	7.2

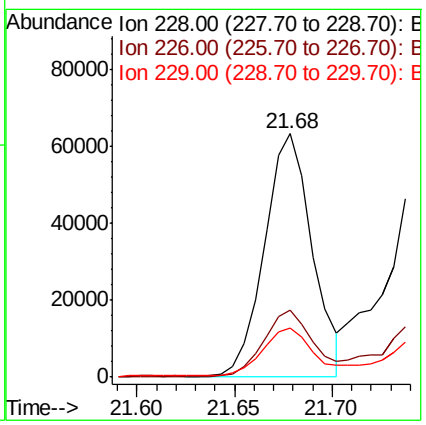


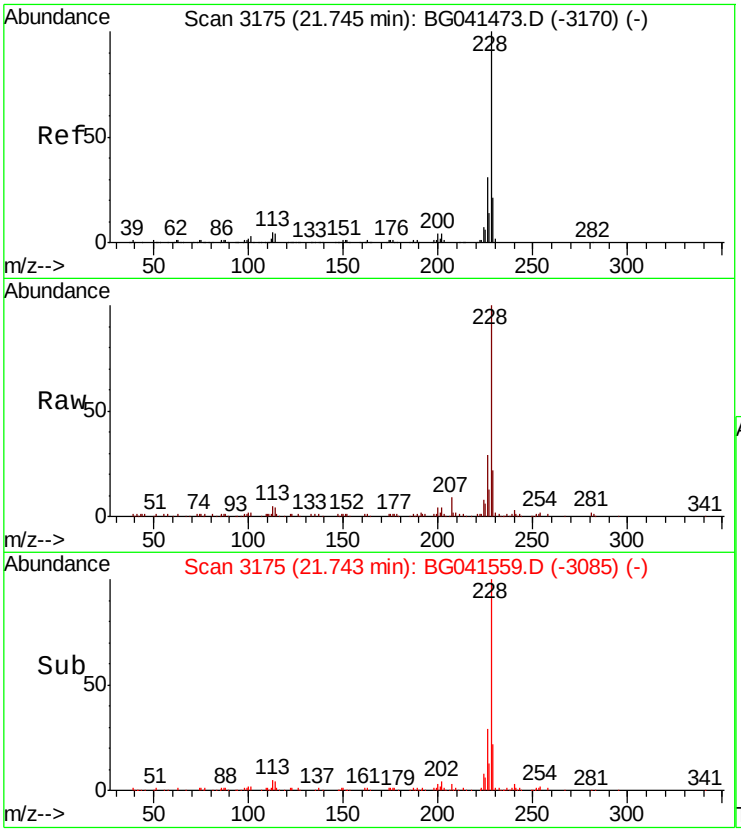


#81
Benzo(a)anthracene
Concen: 6.133 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Tgt Ion:228 Resp: 106442

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.0	16.1	24.1



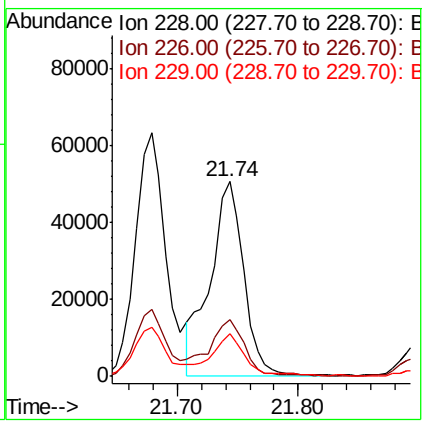


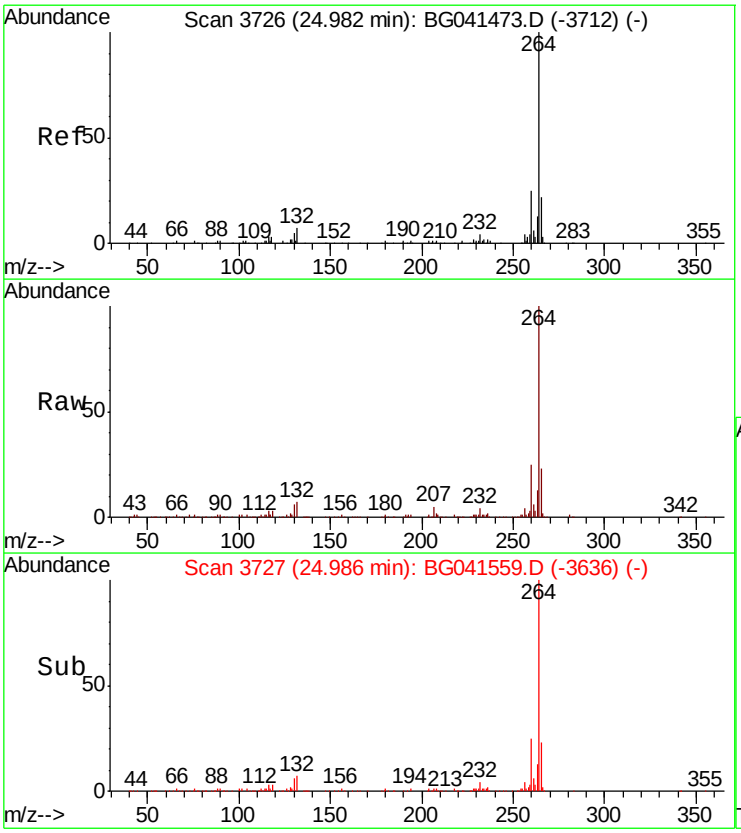
#83
Chrysene
Concen: 5.764 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Instrument :
BNA_G
ClientSampleId :
RT-5124

Tgt Ion:228 Resp: 96827

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.4
229	21.9	16.8	25.2

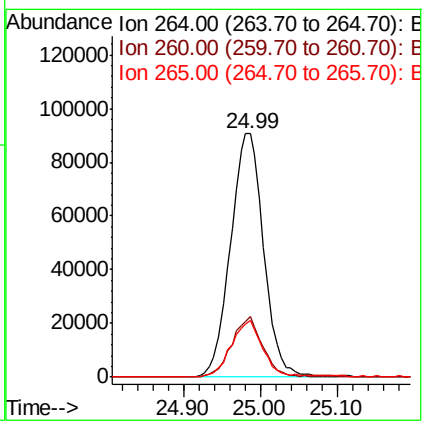


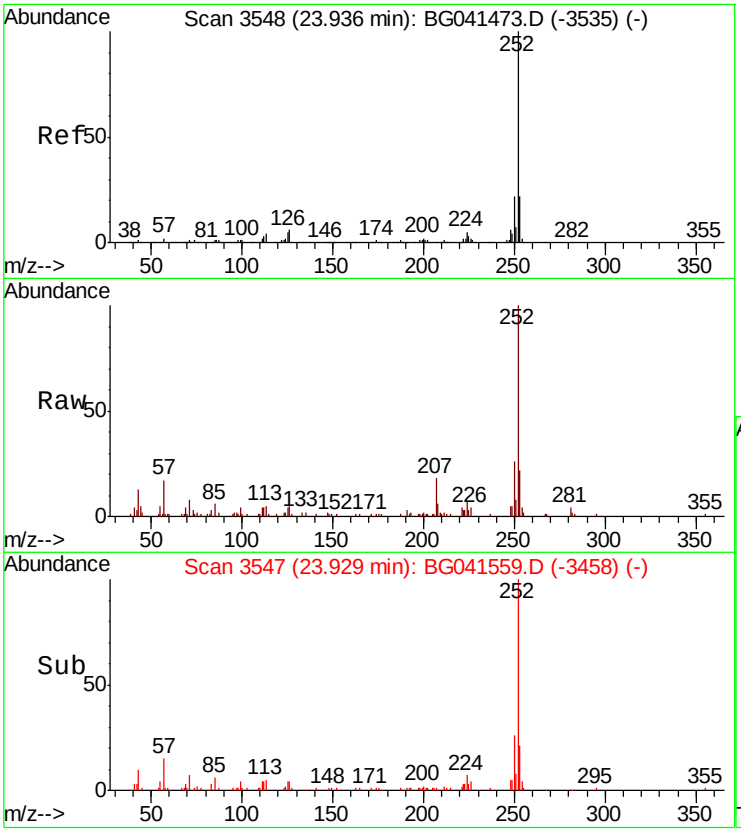


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Tgt Ion:264 Resp: 272596

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	23.4	17.4	26.2



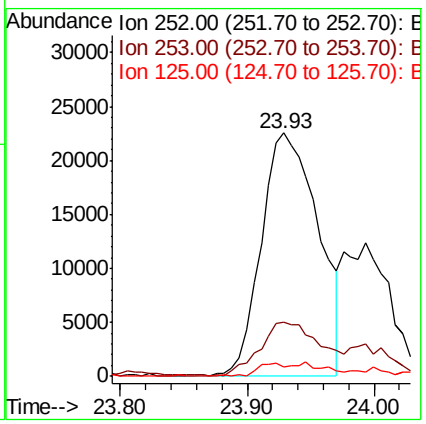


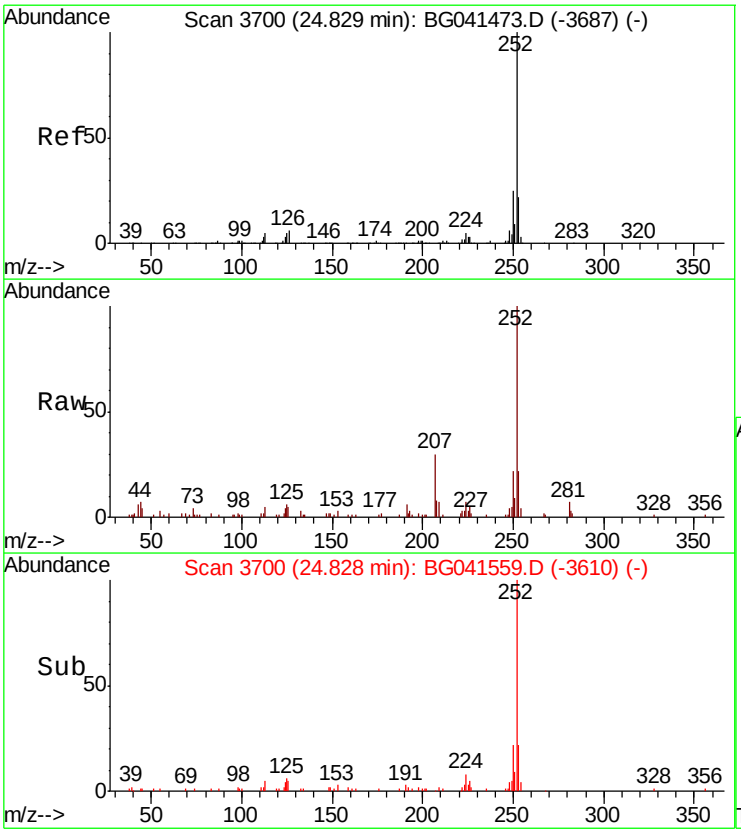
#88
Benzo(b)fluoranthene
Concen: 4.062 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Instrument :
BNA_G
ClientSampleId :
RT-5124

Tgt Ion:252 Resp: 70627

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	3.8	3.8	5.8#





#90
Benzo(a)pyrene
Concen: 2.533 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BG041559.D
Acq: 1 Jul 2019 15:08

Tgt Ion:252 Resp: 41830

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	5.6	4.4	6.6