Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011819\
Data File : BG039216.D
Acq On : 18 Jan 2019 15:16
Operator : JU/SJ
Sample : K1157-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-05-011519

Quant Time: Jan 18 16:20:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	21751	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	86639	20.00	ng		-0.01
39) Acenaphthene-d10	14.65	164	51547	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	128394	20.00	ng		0.00
76) Chrysene-d12	21.67	240	129919	20.00	ng		-0.01
87) Perylene-d12	24.93	264	145888	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	101536	88.55	ng		0.00
7) Phenol-d6	7.17	99	142288	86.23	ng		0.00
23) Nitrobenzene-d5	9.19	82	93736	59.20	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	70344	81.41	ng		-0.01
45) 2-Fluorobiphenyl	13.27	172	209501	55.62	ng		0.00
79) Terphenyl-d14	20.00	244	318164	45.30	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.20	94	8754	5.291	ng		90
19) n-Nitroso-di-n-propylamine	9.19	70	12228	11.285	ng	#	65
50) Dimethylphthalate	14.10	163	18064	4.147	ng	#	95
51) 2,6-Dinitrotoluene	14.65	165	6711	6.891	ng	#	24
56) 4-Nitrophenol	15.04	139	1966	2.766	ng	#	1
57) 2,4-Dinitrotoluene	14.65	165	6711	4.803	ng	#	26
67) 4-Bromophenyl-phenylether	16.14	248	4396	2.664	ng	#	1
71) Phenanthrene	17.44	178	98452	14.507	ng		97
72) Anthracene	17.53	178	19721	2.939	ng		99
75) Fluoranthene	19.45	202	169950	20.201	ng		97
78) Pyrene	19.81	202	145038	17.518	ng		99
81) Benzo(a)anthracene	21.65	228	101767	12.868	ng		98
83) Chrysene	21.72	228	88948	11.825	ng		96
86) Indeno(1,2,3-cd)pyrene	28.66	276	41393	4.605	ng		96
88) Benzo(b)fluoranthene	23.89	252	128072	15.921	ng	#	97
89) Benzo(k)fluoranthene	23.89	252	128072	16.103	ng	#	95
90) Benzo(a)pyrene	24.77	252	77957	10.026	ng		98
92) Benzo(g,h,i)perylene	29.86	276	38054	4.970	ng	#	96

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

Quantitation Report (Not Reviewed)

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QLast Update : Fri Jan 18 04:20:14 2019
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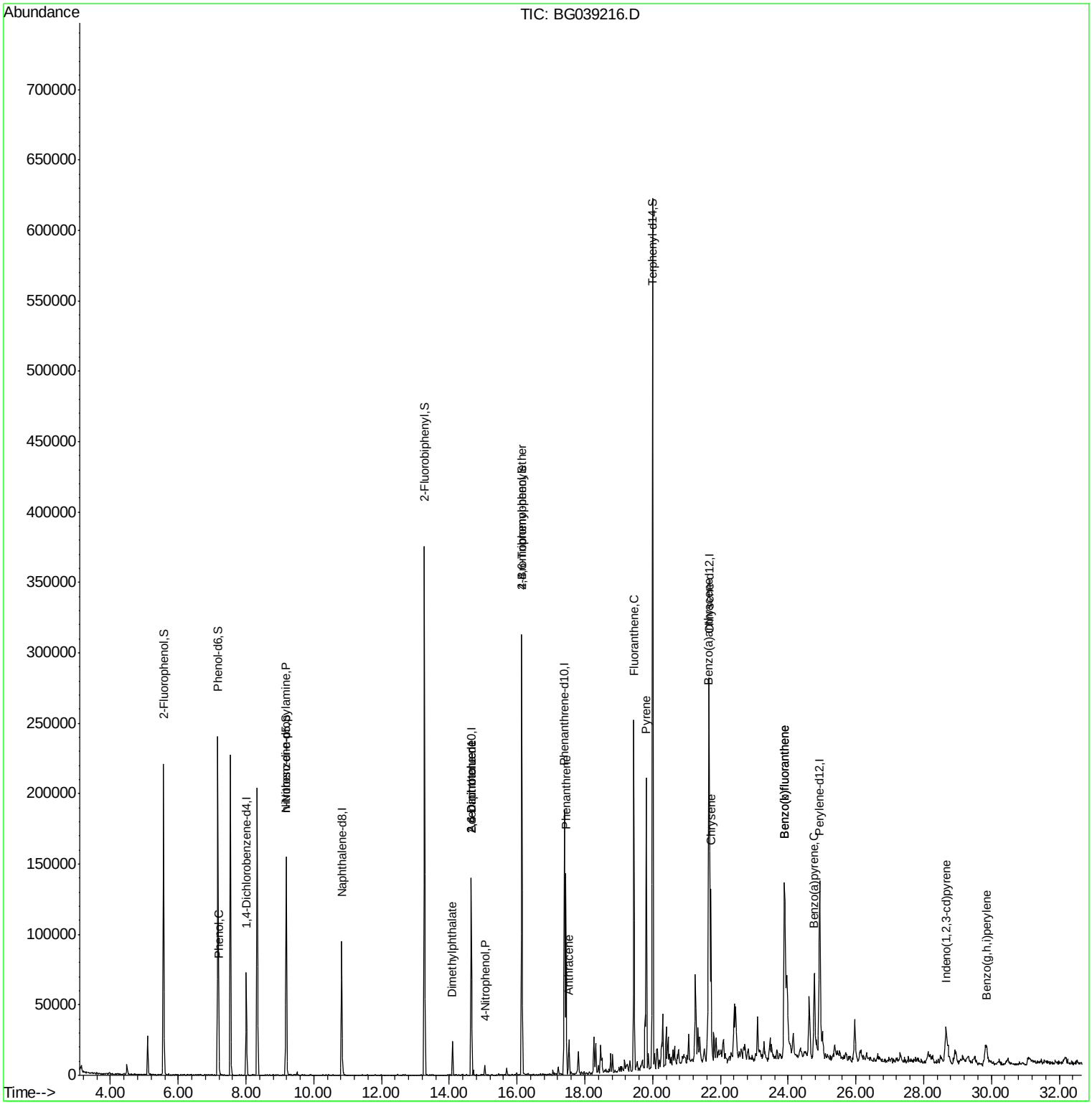
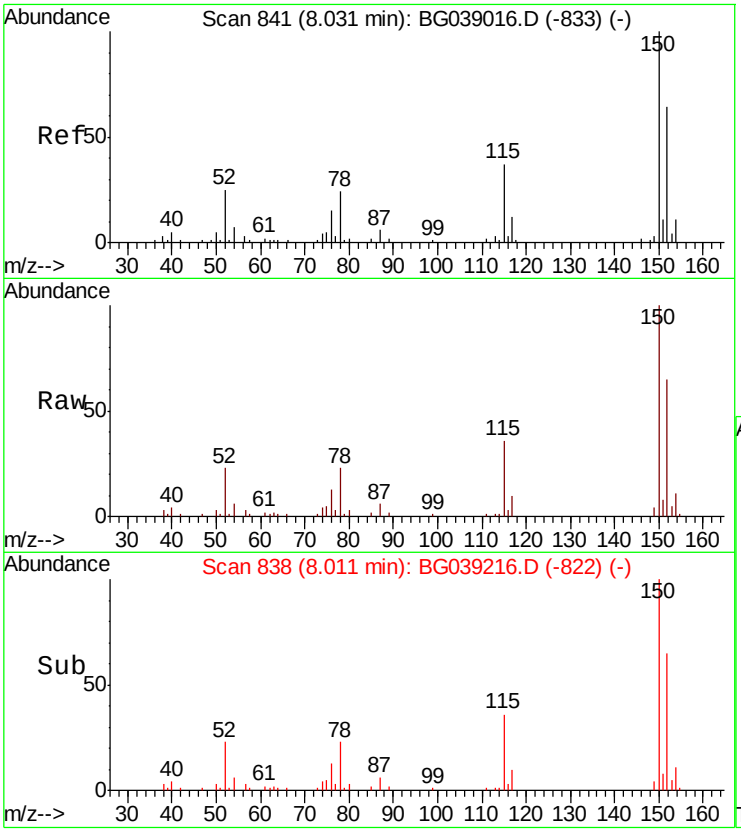


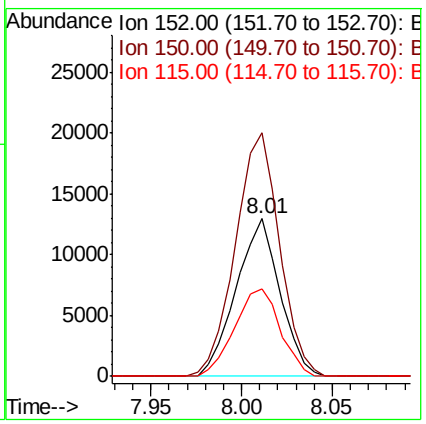


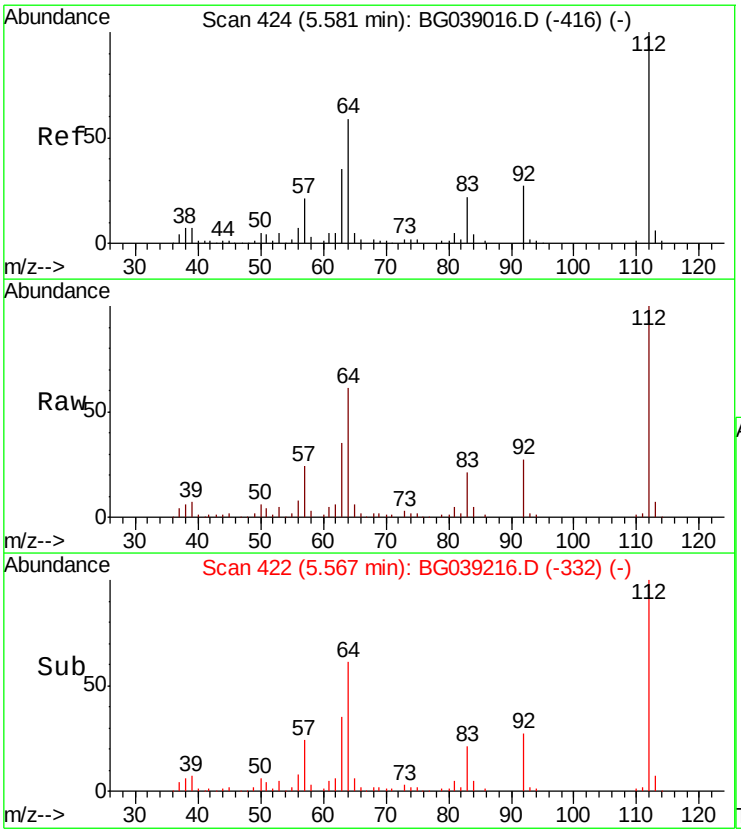
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:152 Resp: 21751

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.7	187.1
115	55.8	46.5	69.7

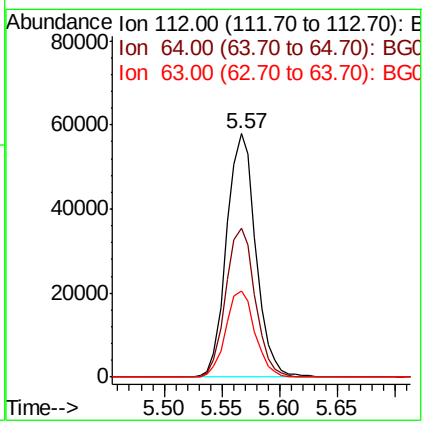


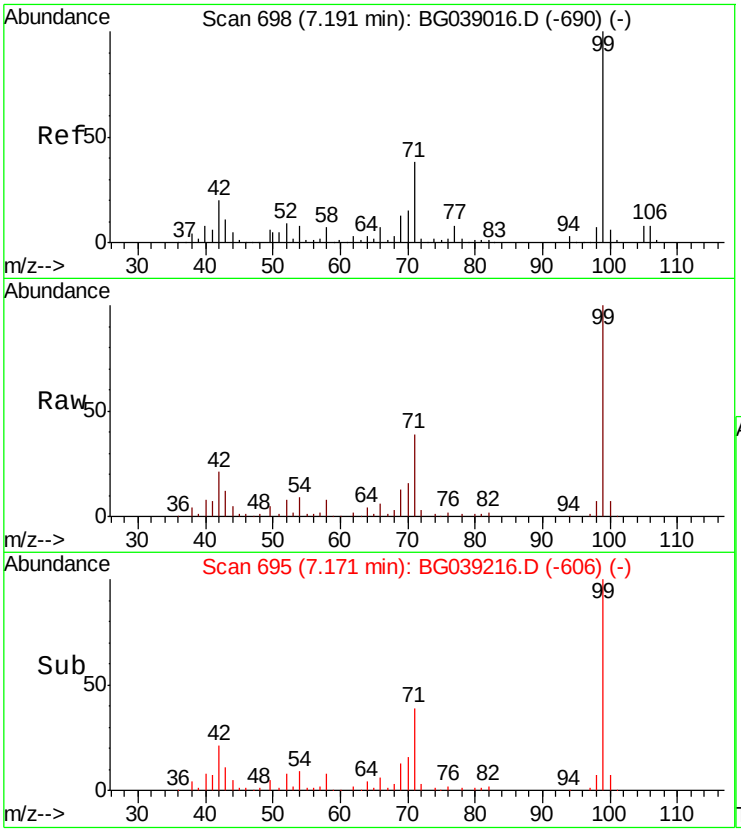


#5
2-Fluorophenol
Concen: 88.553 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion:112 Resp: 101536

Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.0	70.6
63	35.3	28.0	42.0



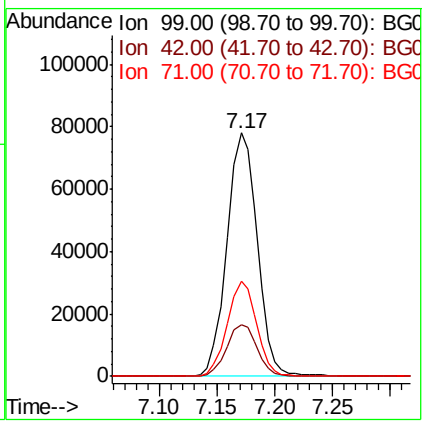


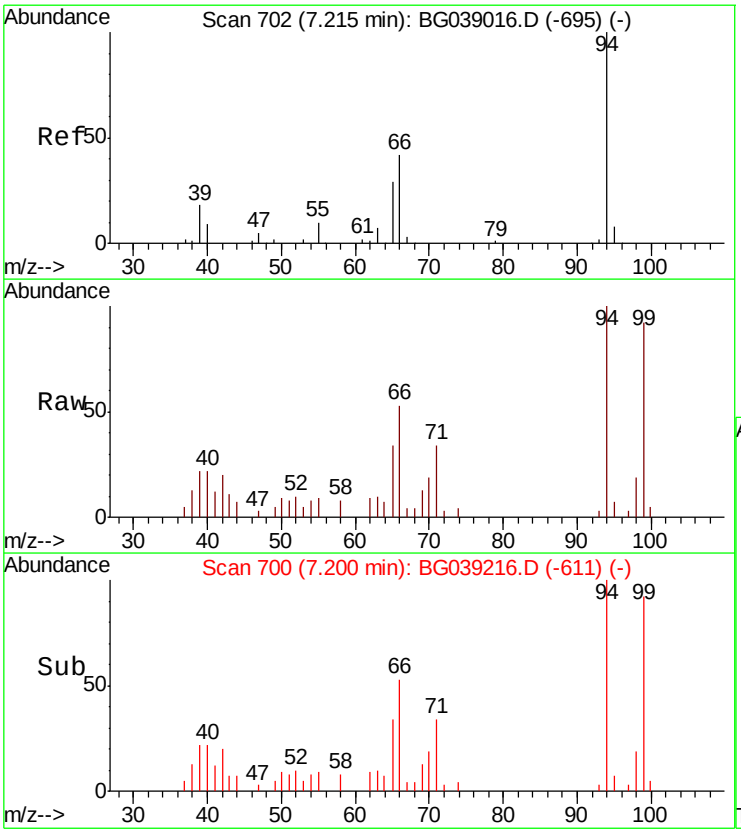
#7
Phenol-d6
Concen: 86.229 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.00 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion: 99 Resp: 142288

Ion	Ratio	Lower	Upper
99	100		
42	21.2	15.8	23.6
71	38.8	30.2	45.4

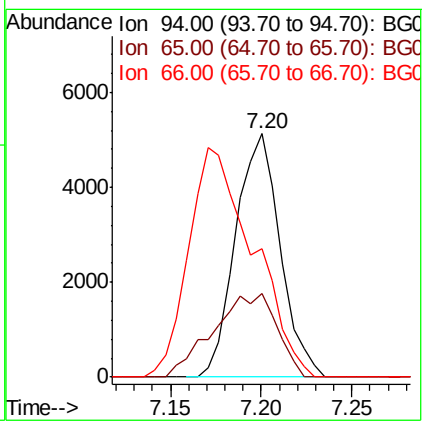


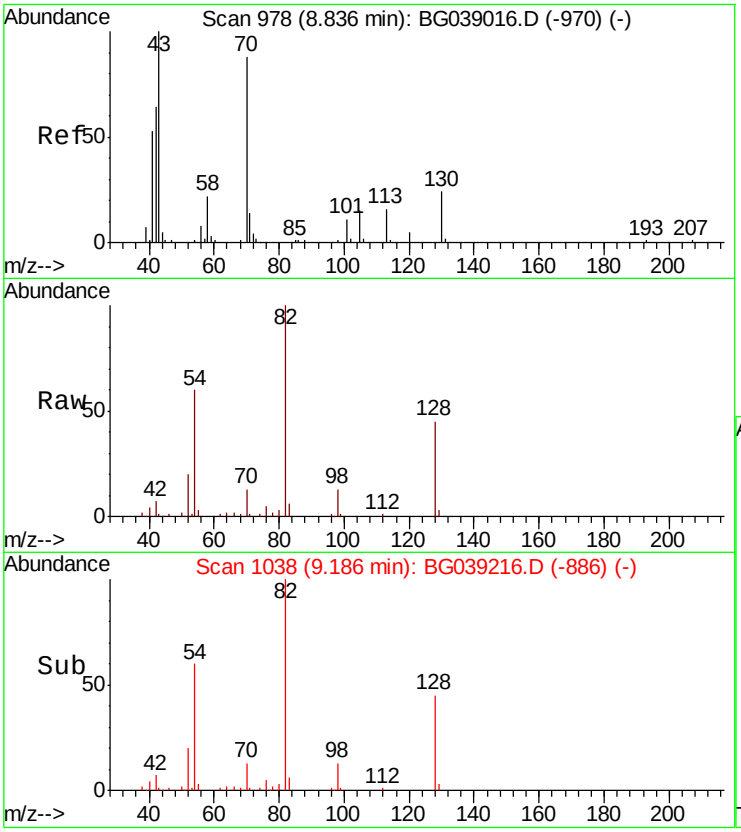


#10
Phenol
Concen: 5.291 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion: 94 Resp: 8754

Ion	Ratio	Lower	Upper
94	100		
65	34.2	10.3	50.3
66	52.6	25.1	65.1



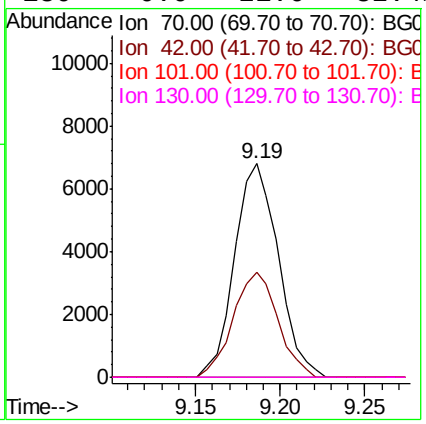


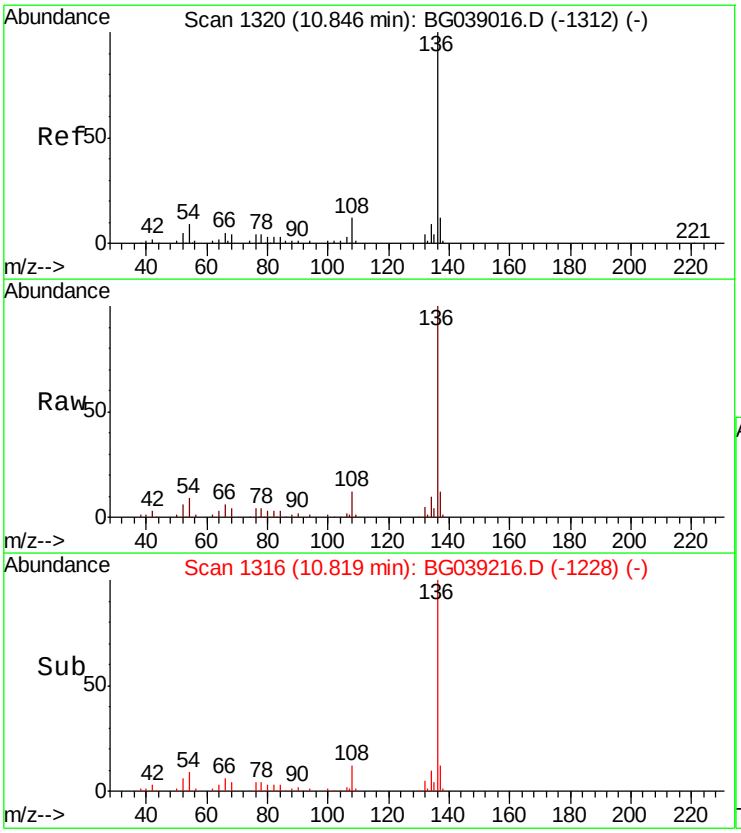
#19
n-Nitroso-di-n-propylamine
Concen: 11.285 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.37 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion: 70 Resp: 12228

Ion	Ratio	Lower	Upper
70	100		
42	49.3	59.0	88.4#
101	0.0	10.4	15.6#
130	0.0	21.6	32.4#

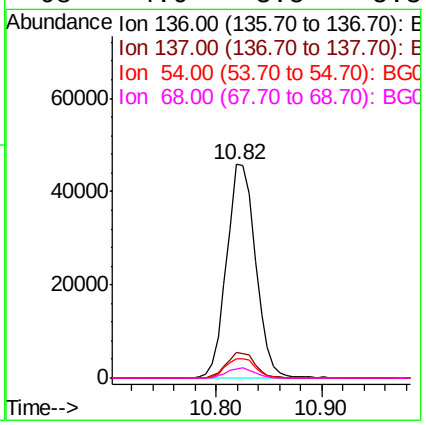


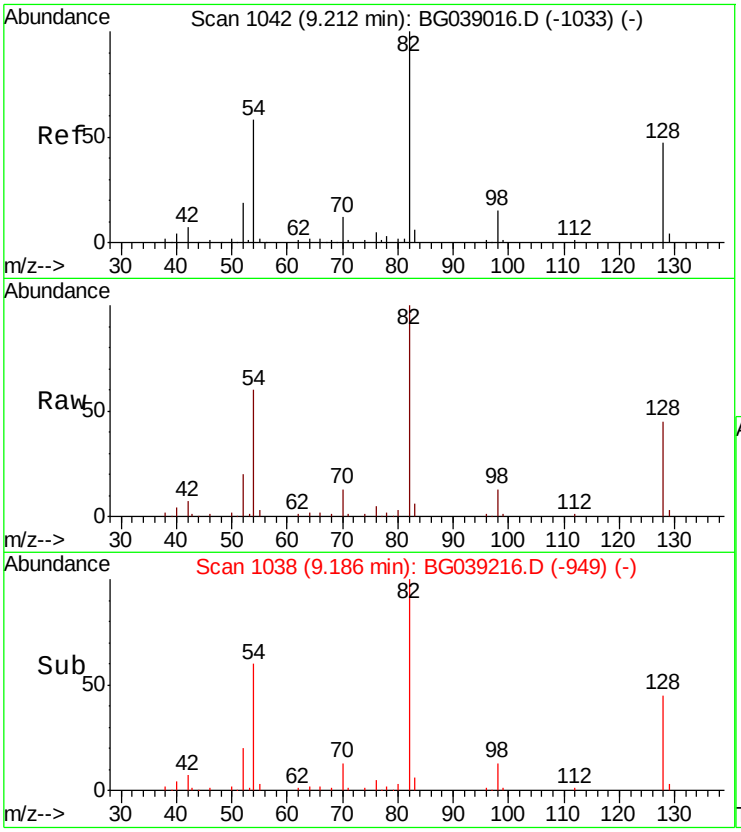


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion:136 Resp: 86639

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.2
54	9.0	7.2	10.8
68	4.0	3.5	5.3



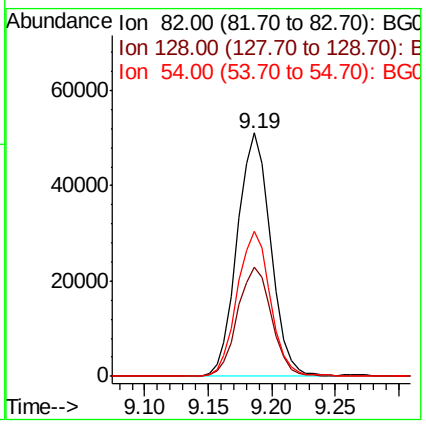


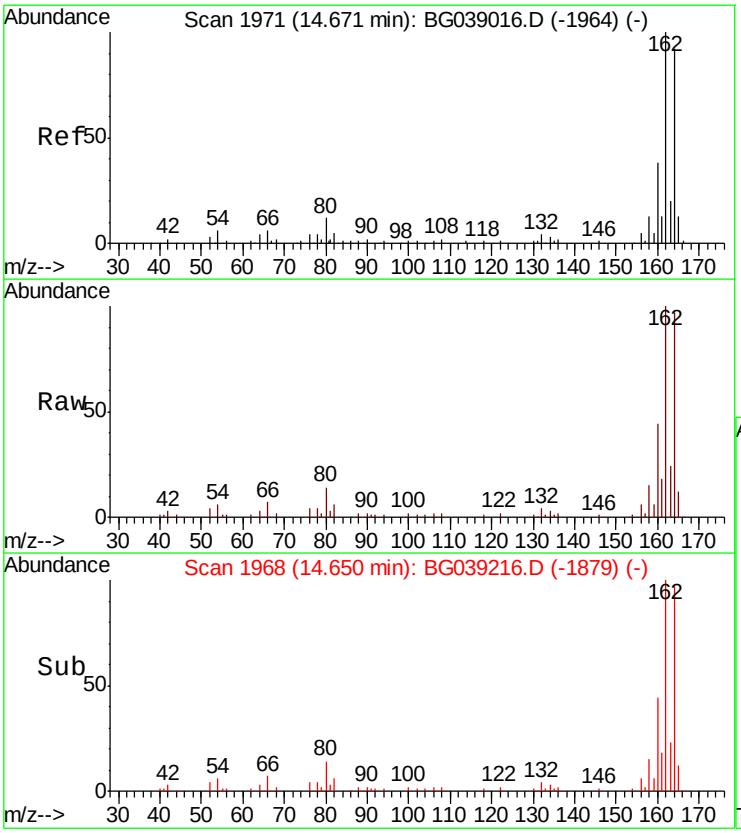
#23
Nitrobenzene-d5
Concen: 59.202 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion: 82 Resp: 93736

Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.3	55.9
54	59.5	46.4	69.6

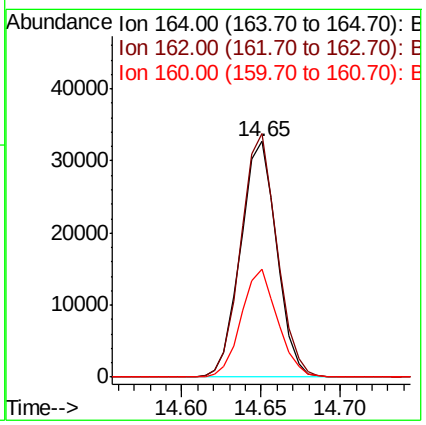


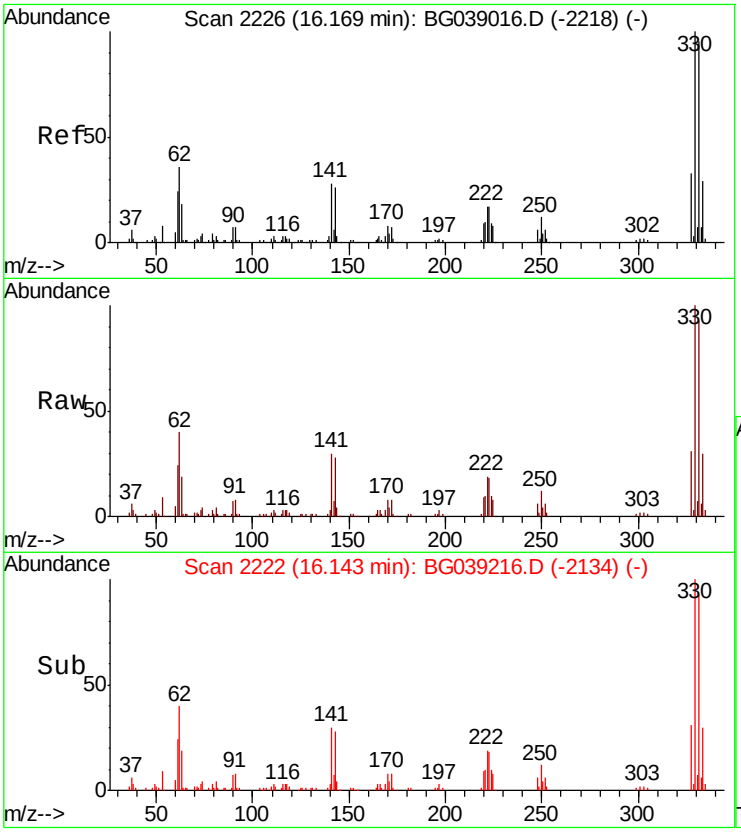


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion:164 Resp: 51547

Ion	Ratio	Lower	Upper
164	100		
162	103.5	87.2	130.8
160	45.8	33.3	49.9



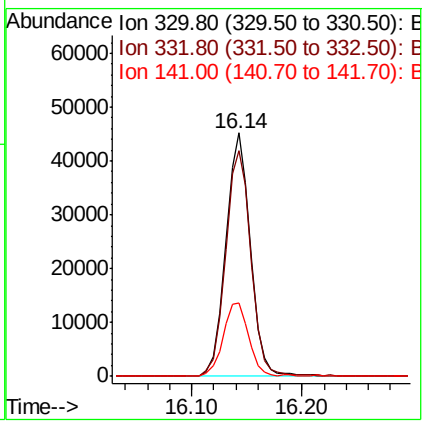


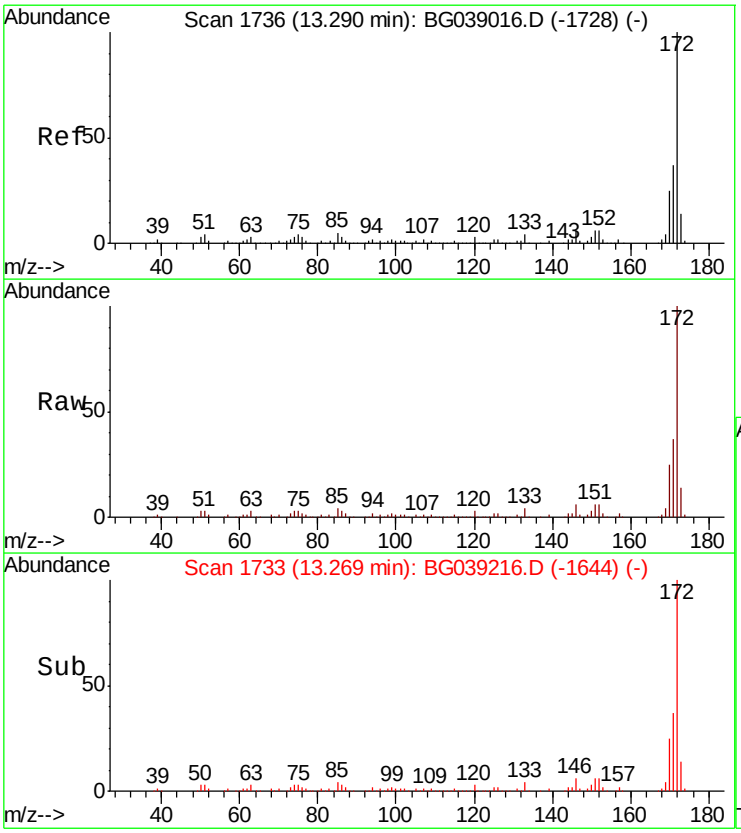
#42
2,4,6-Tribromophenol
Concen: 81.410 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:330 Resp: 70344

Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.7	113.5
141	31.5	24.9	37.3

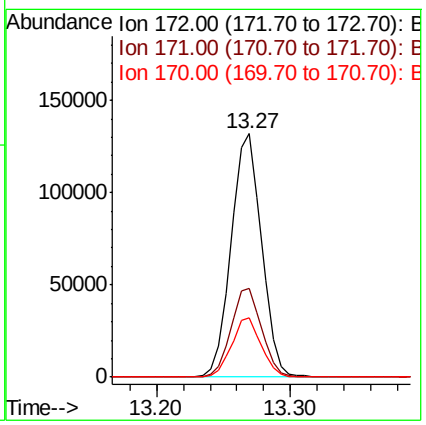


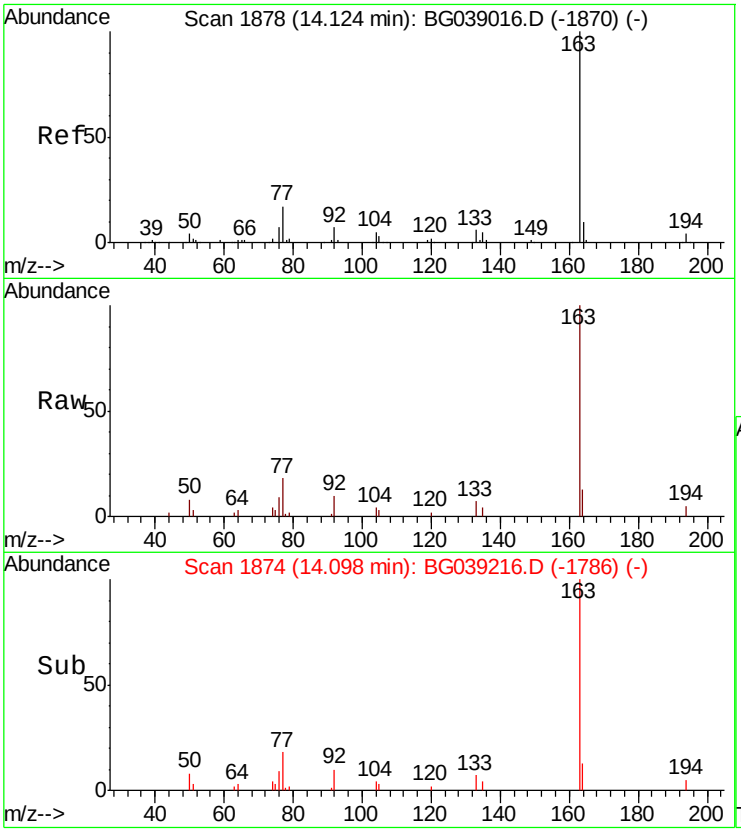


#45
2-Fluorobiphenyl
Concen: 55.622 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion:172 Resp: 209501

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.6	20.1	30.1



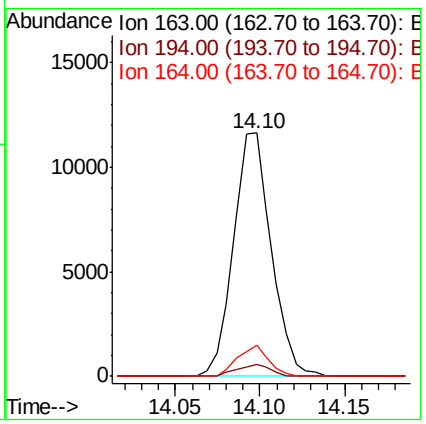


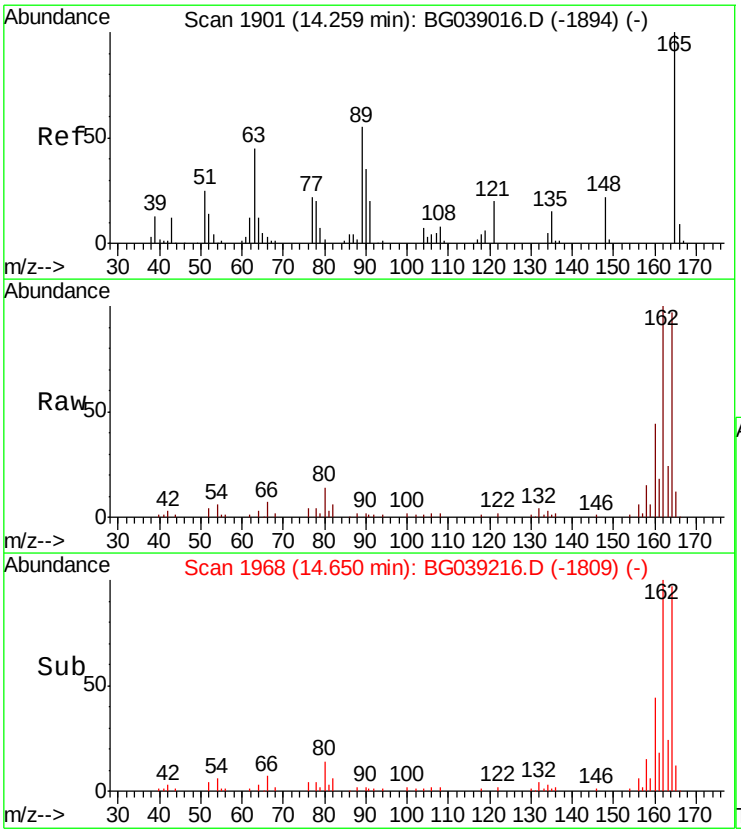
#50
Dimethylphthalate
Concen: 4.147 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:163 Resp: 18064

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.6	5.4
164	12.6	8.2	12.2#

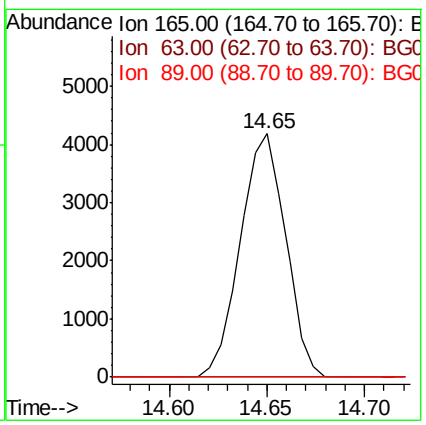


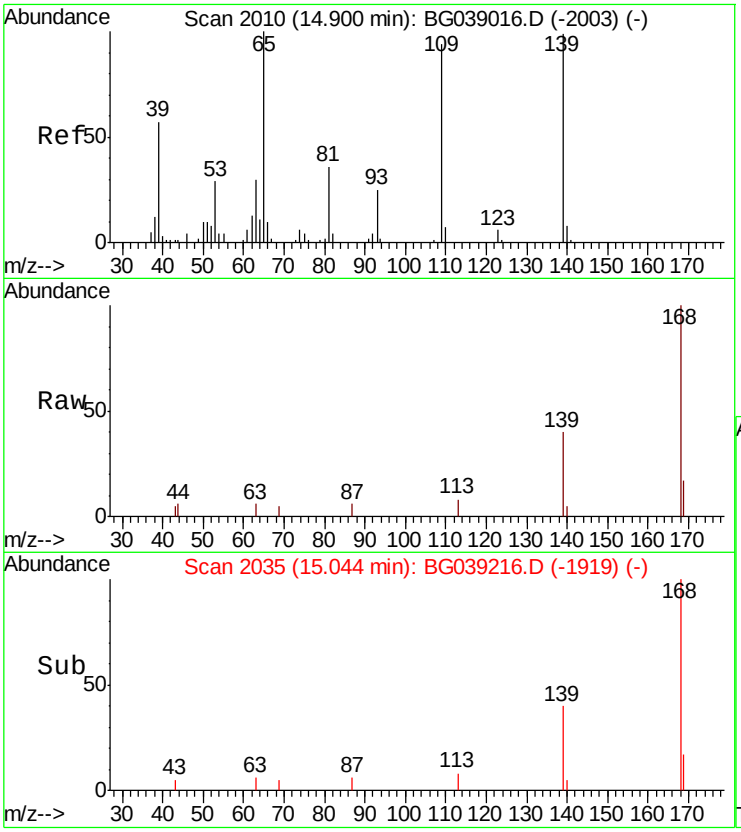


#51
2,6-Dinitrotoluene
Concen: 6.891 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.41 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion:165 Resp: 6711

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	0.0	43.7	65.5#



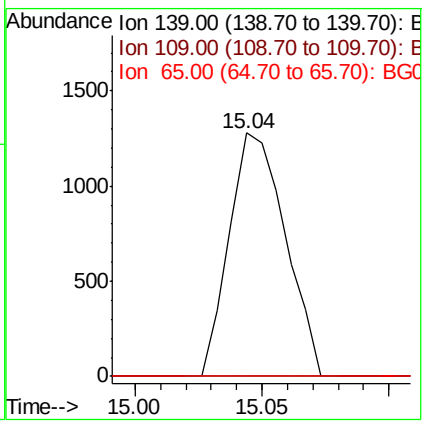


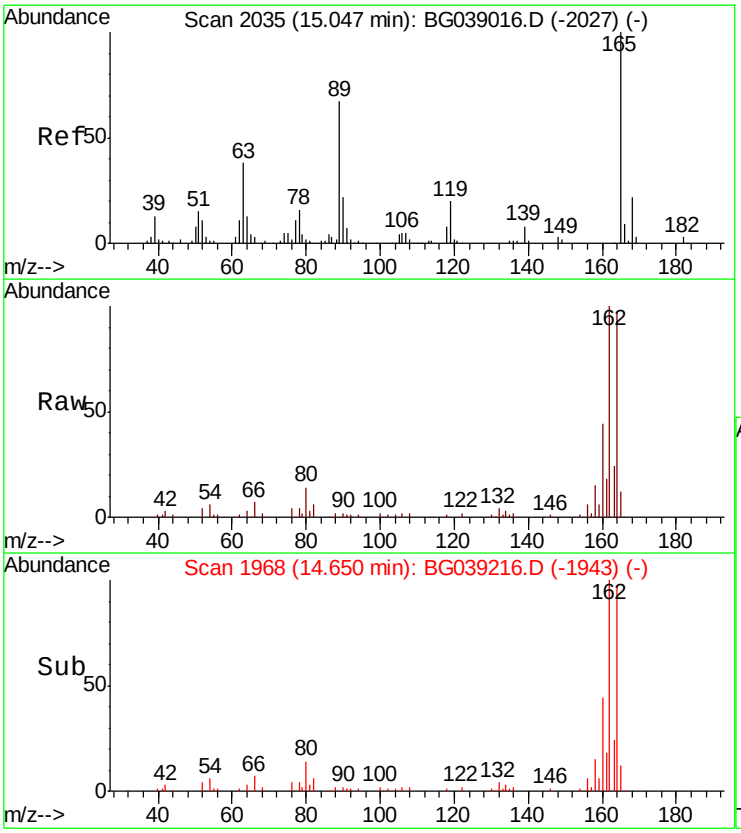
#56
4-Nitrophenol
Concen: 2.766 ng
RT: 15.04 min Scan# 2035
Delta R.T. 0.15 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:139 Resp: 1966

Ion	Ratio	Lower	Upper
139	100		
109	0.0	75.6	115.6#
65	0.0	81.2	121.2#

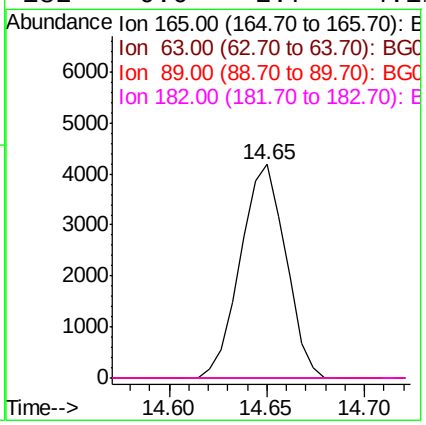


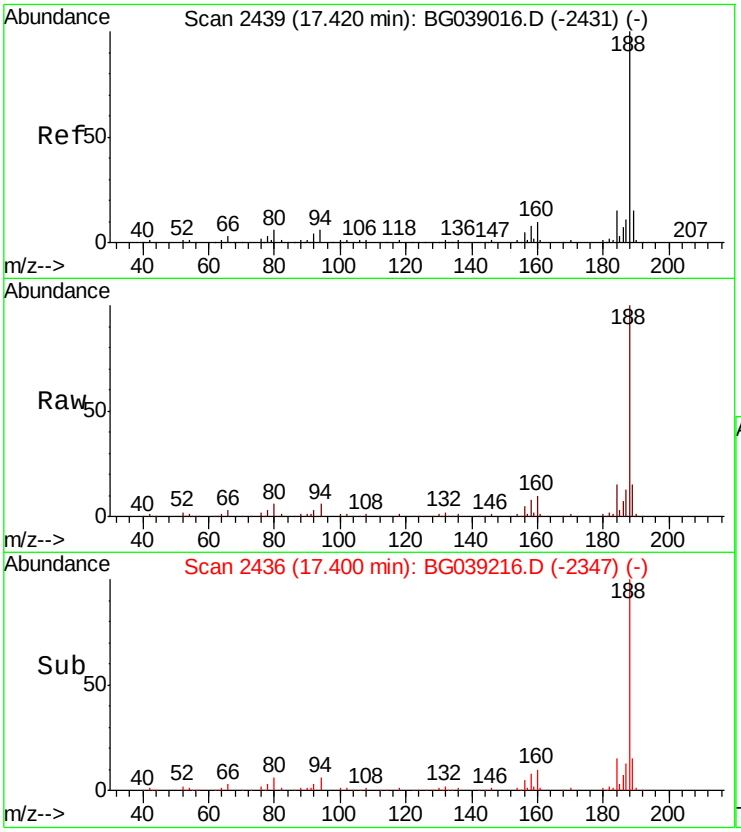


#57
2,4-Dinitrotoluene
Concen: 4.803 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.38 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion:165 Resp: 6711

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#



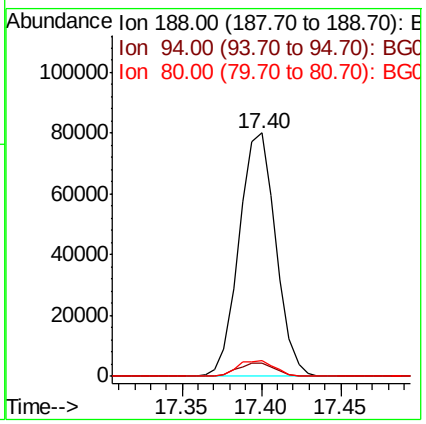


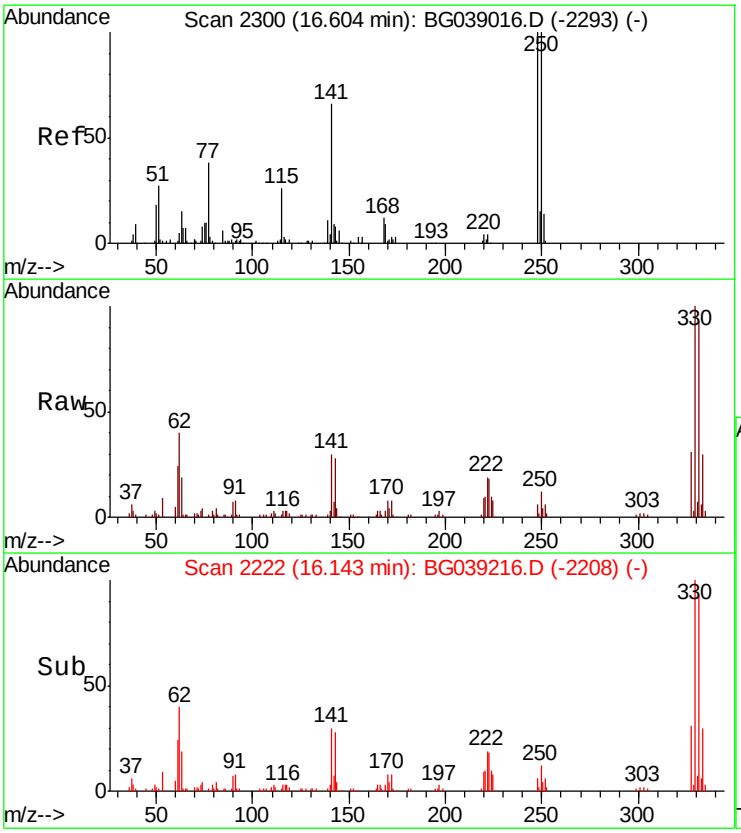
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:188 Resp: 128394

Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.0	7.4
80	6.4	4.7	7.1

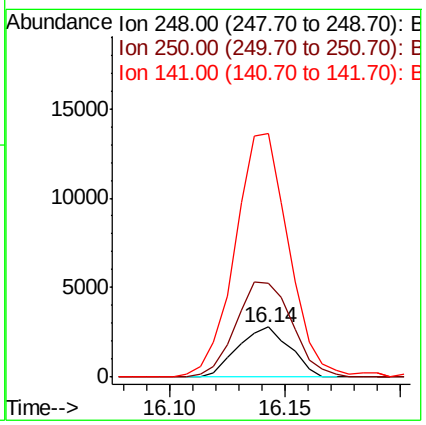


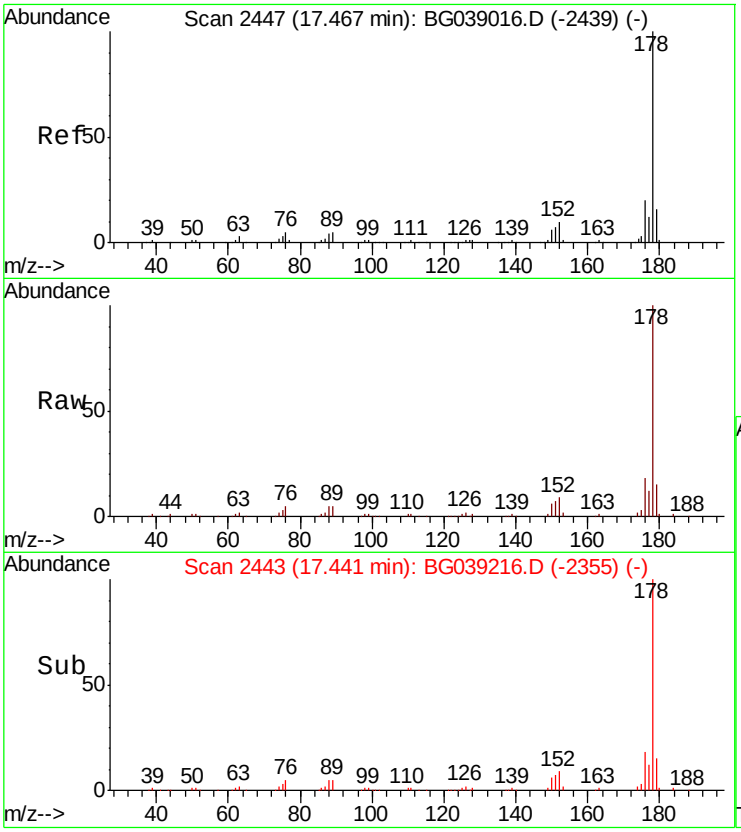


#67
4-Bromophenyl-phenylether
Concen: 2.664 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.44 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion:248 Resp: 4396

Ion	Ratio	Lower	Upper
248	100		
250	185.2	79.9	119.9#
141	359.9	52.7	79.1#



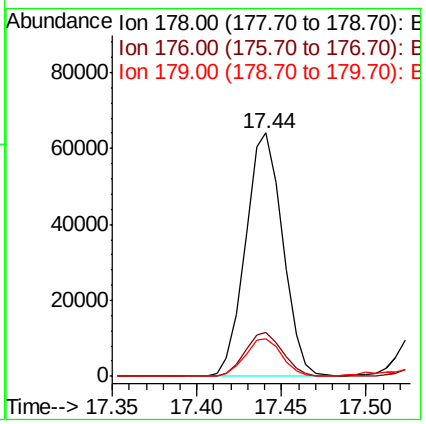


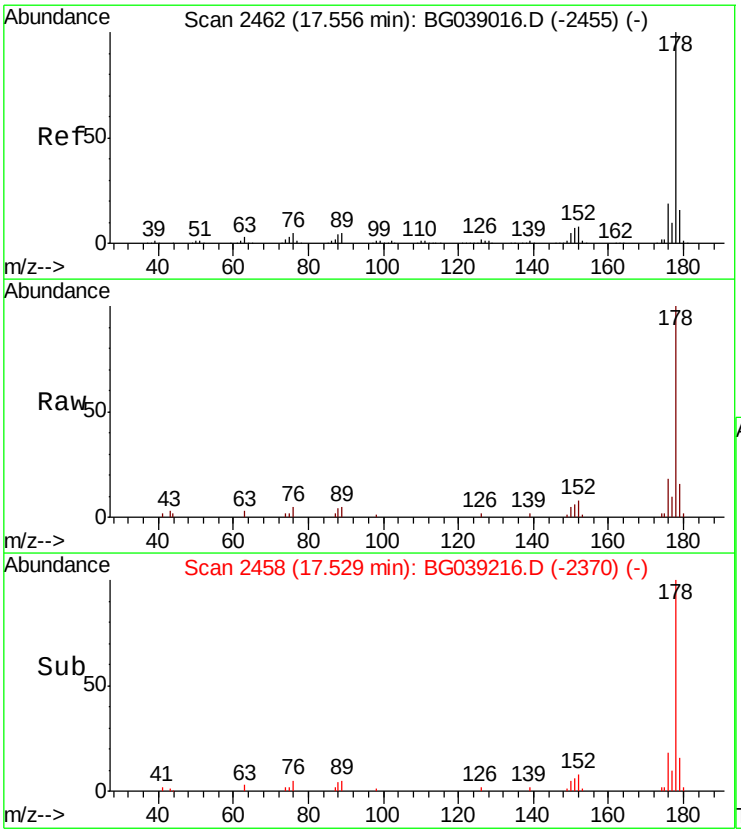
#71
Phenanthrene
Concen: 14.507 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:178 Resp: 98452

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.7	23.5
179	15.5	12.9	19.3

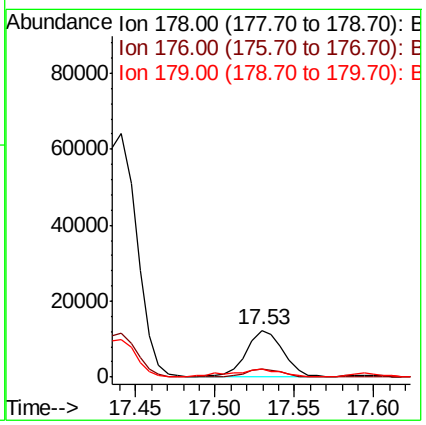


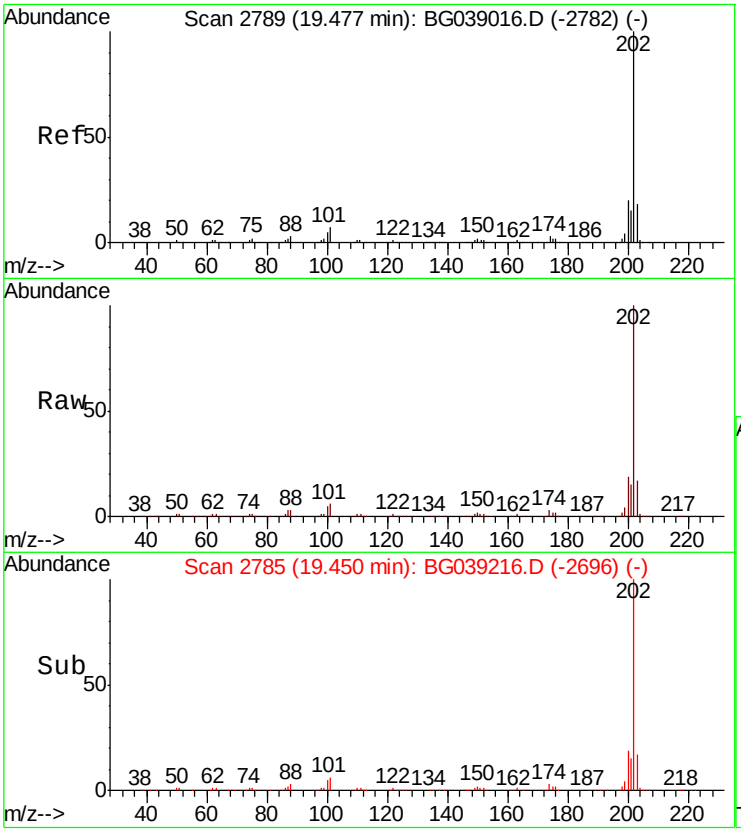


#72
Anthracene
Concen: 2.939 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion:178 Resp: 19721

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.9	22.3
179	16.3	13.0	19.4



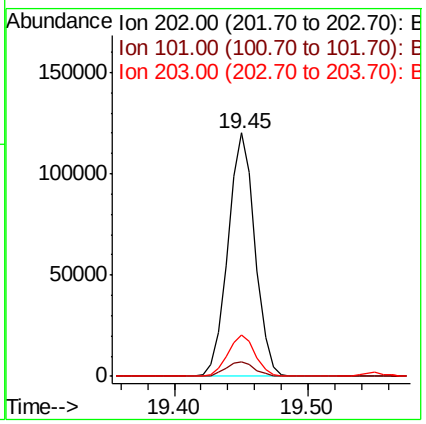


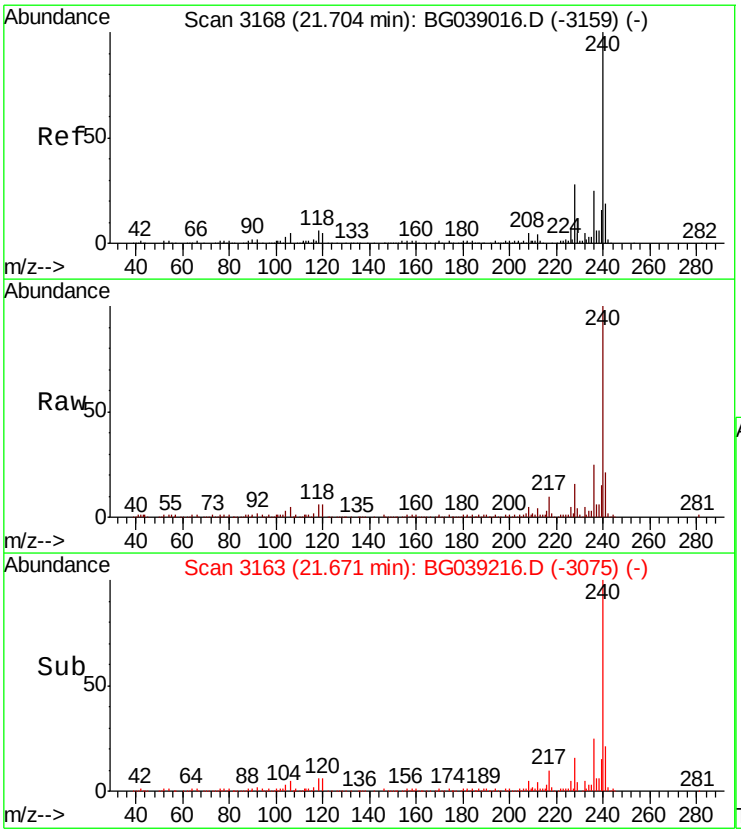
#75
Fluoranthene
Concen: 20.201 ng
RT: 19.45 min Scan# 2785
Delta R.T. -0.00 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:202 Resp: 169950

Ion	Ratio	Lower	Upper
202	100		
101	5.8	0.0	26.9
203	17.1	0.0	38.1

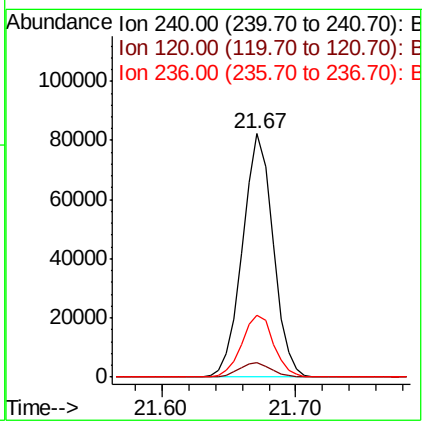


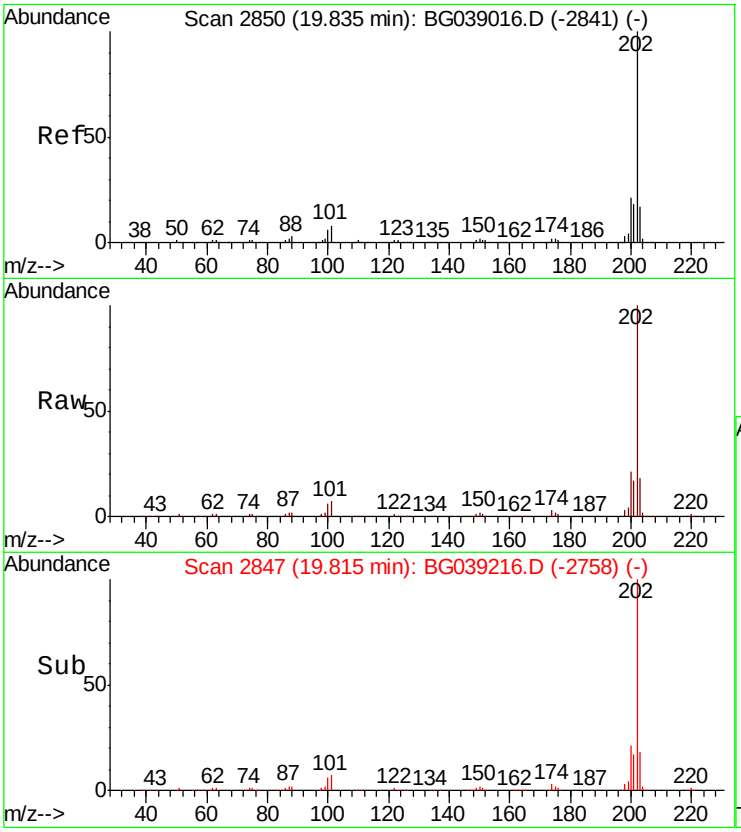


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion:240 Resp: 129919

Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.3	6.5
236	25.3	20.1	30.1



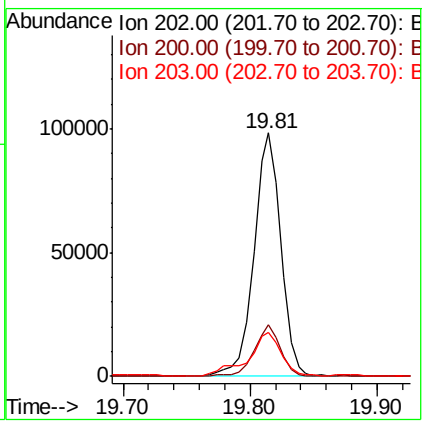


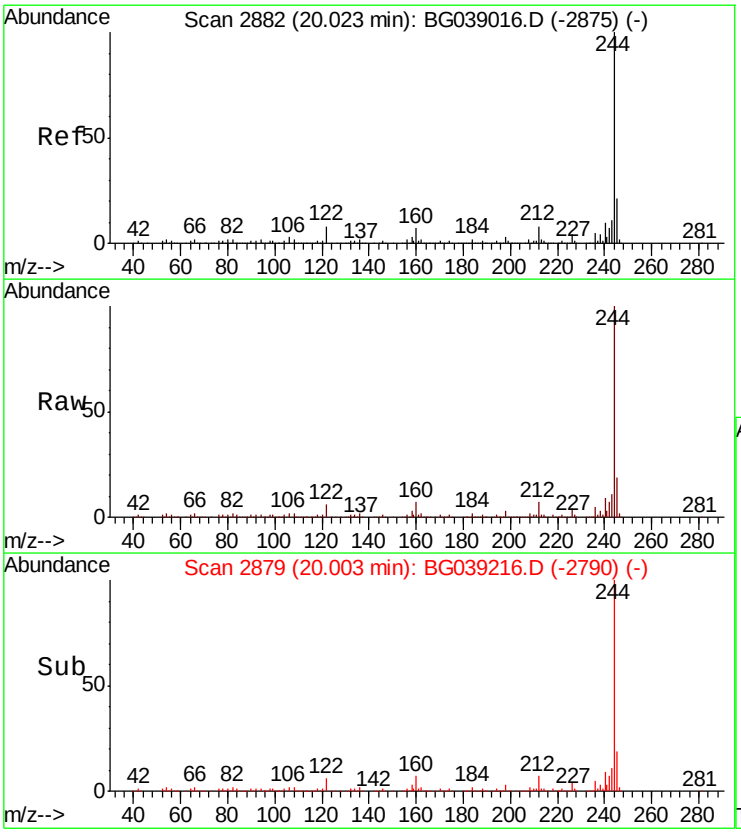
#78
Pyrene
Concen: 17.518 ng
RT: 19.81 min Scan# 2847
Delta R.T. -0.00 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:202 Resp: 145038

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	18.0	14.0	21.0

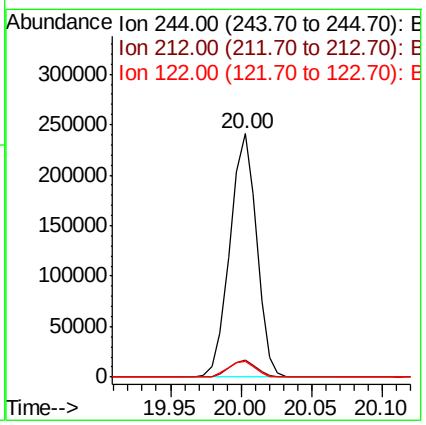


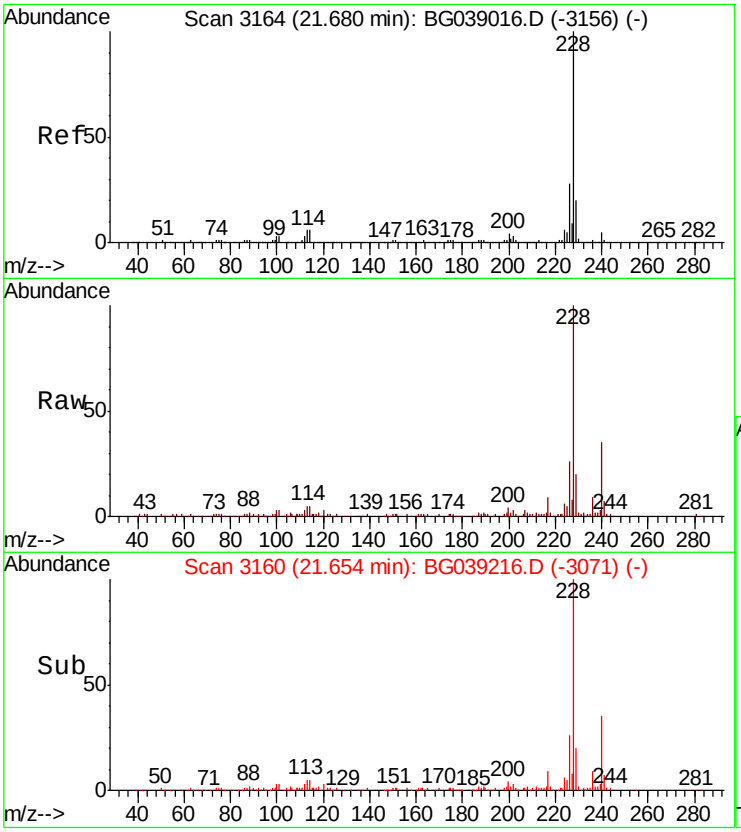


#79
Terphenyl-d14
Concen: 45.303 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion:244 Resp: 318164

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	6.3	6.1	9.1



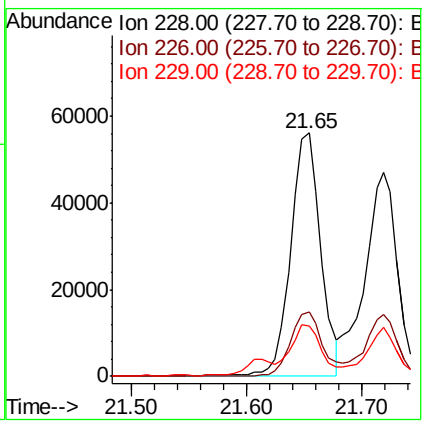


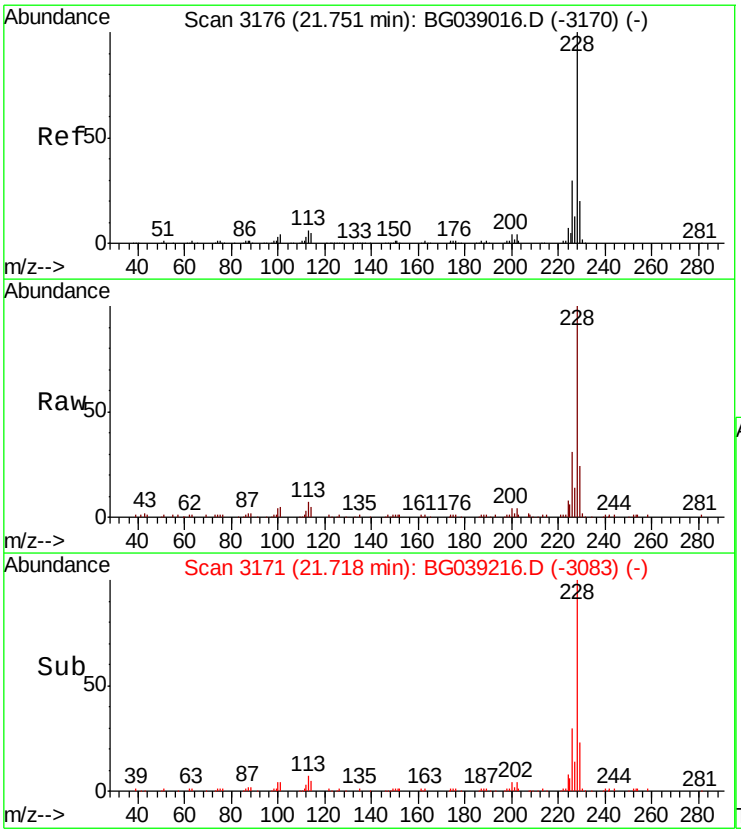
#81
Benzo(a)anthracene
Concen: 12.868 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:228 Resp: 101767

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.4	33.6
229	20.4	16.2	24.2

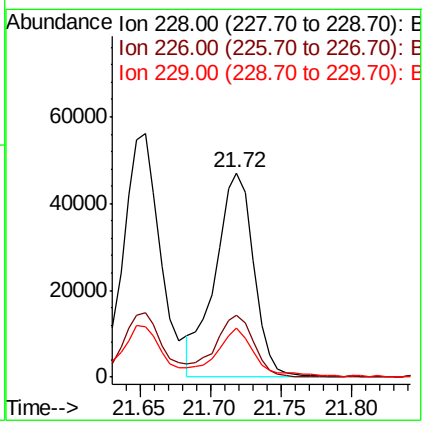


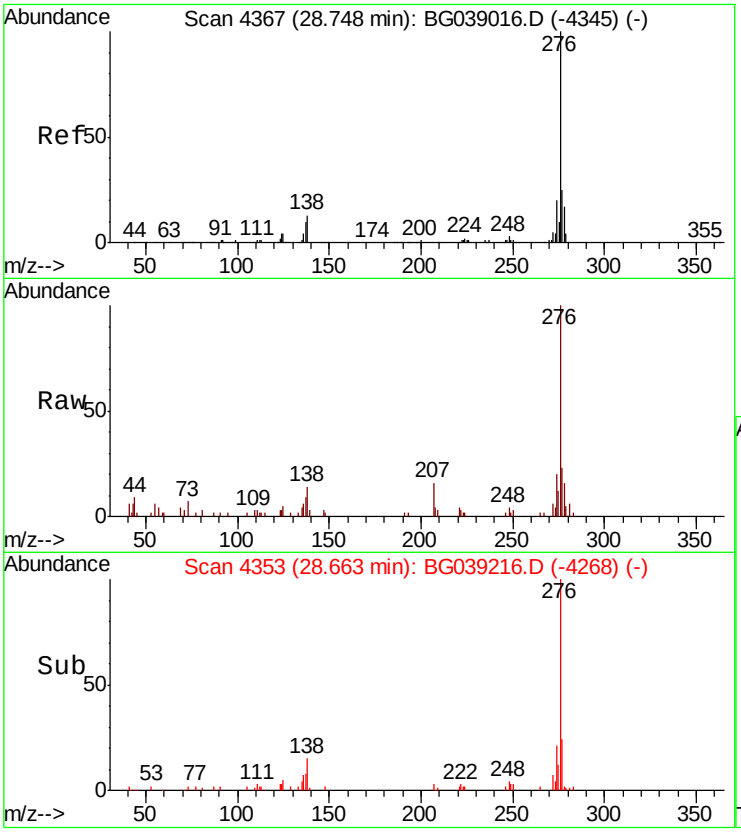


#83
Chrysene
Concen: 11.825 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion:228 Resp: 88948

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	23.9	16.0	24.0



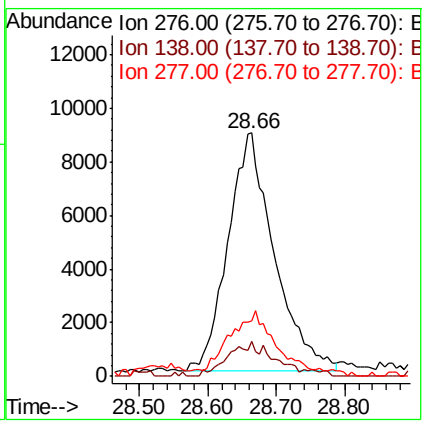


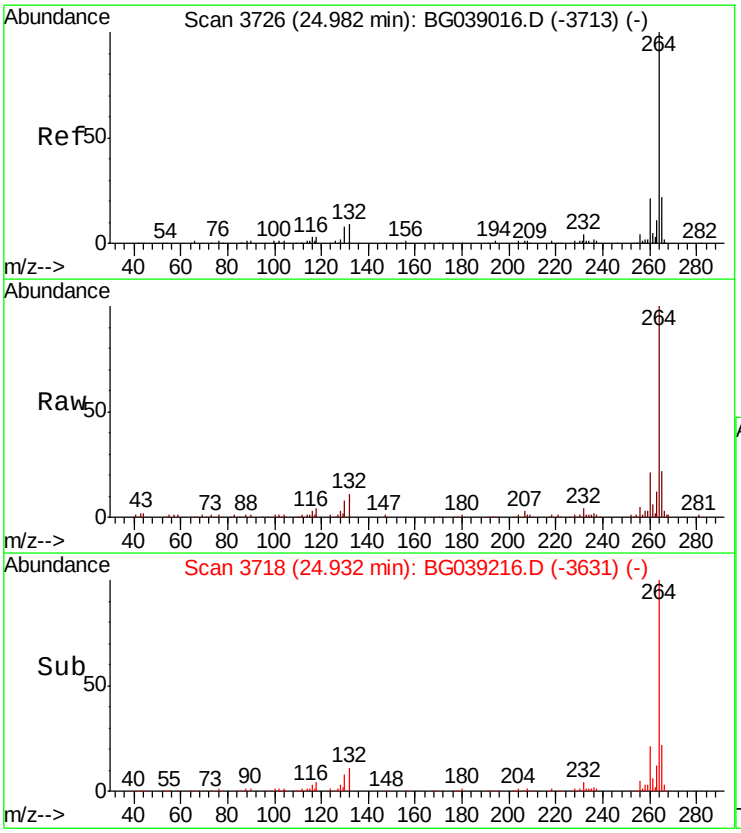
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.605 ng
RT: 28.66 min Scan# 4353
Delta R.T. -0.03 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:276 Resp: 41393

Ion	Ratio	Lower	Upper
276	100		
138	9.2	8.0	12.0
277	23.2	20.3	30.5

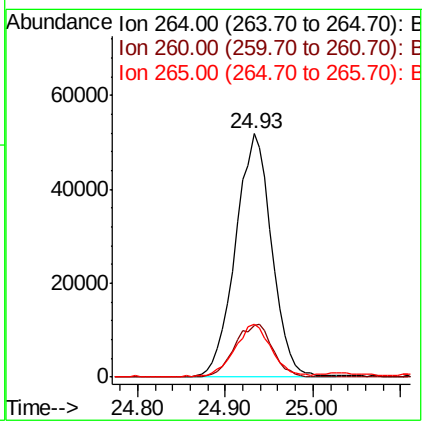


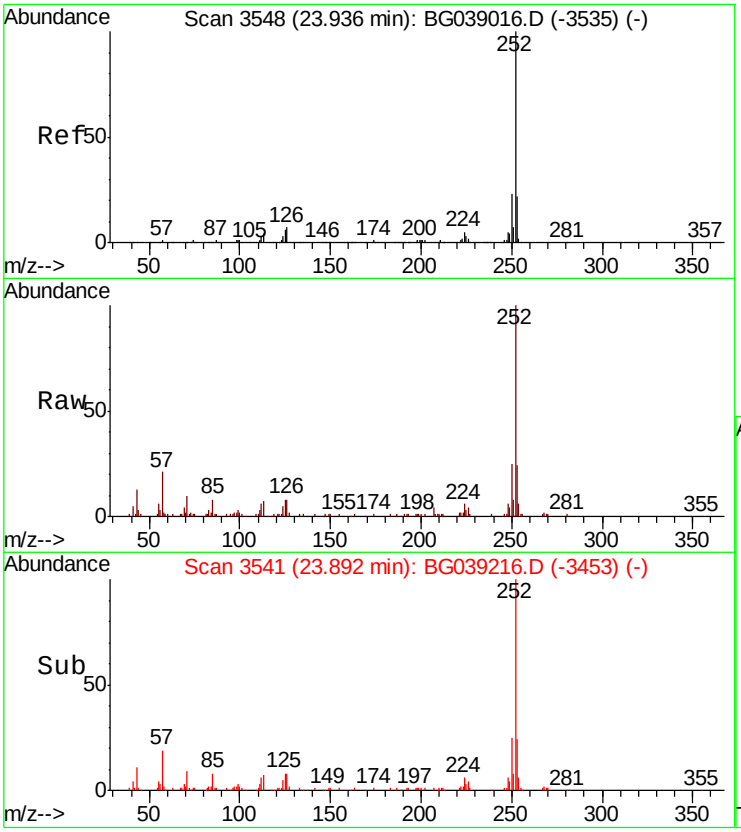


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.02 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion:264 Resp: 145888

Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.0	25.6
265	21.7	17.2	25.8



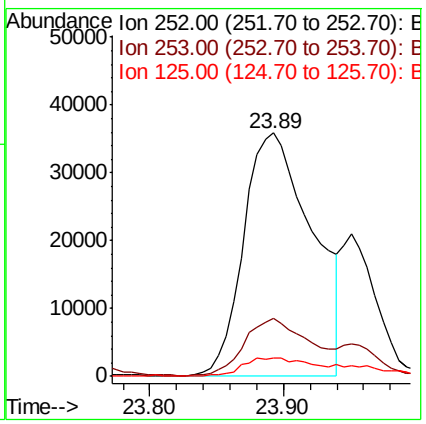


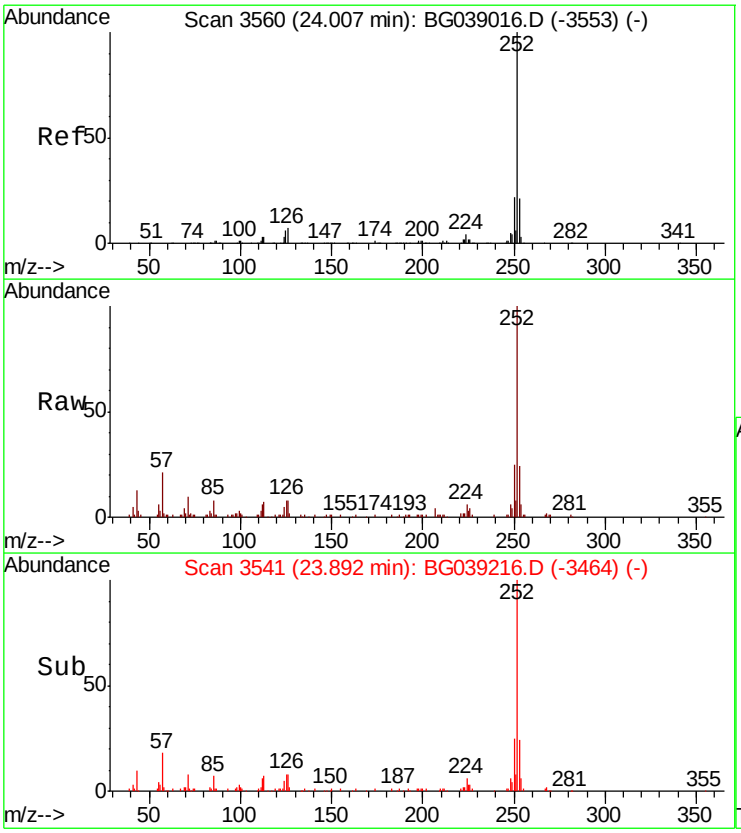
#88
Benzo(b)fluoranthene
Concen: 15.921 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.01 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:252 Resp: 128072

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	7.6	4.9	7.3#

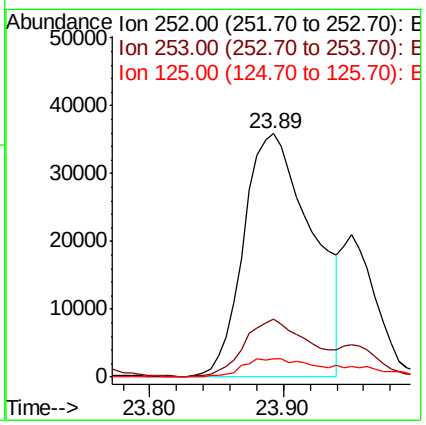


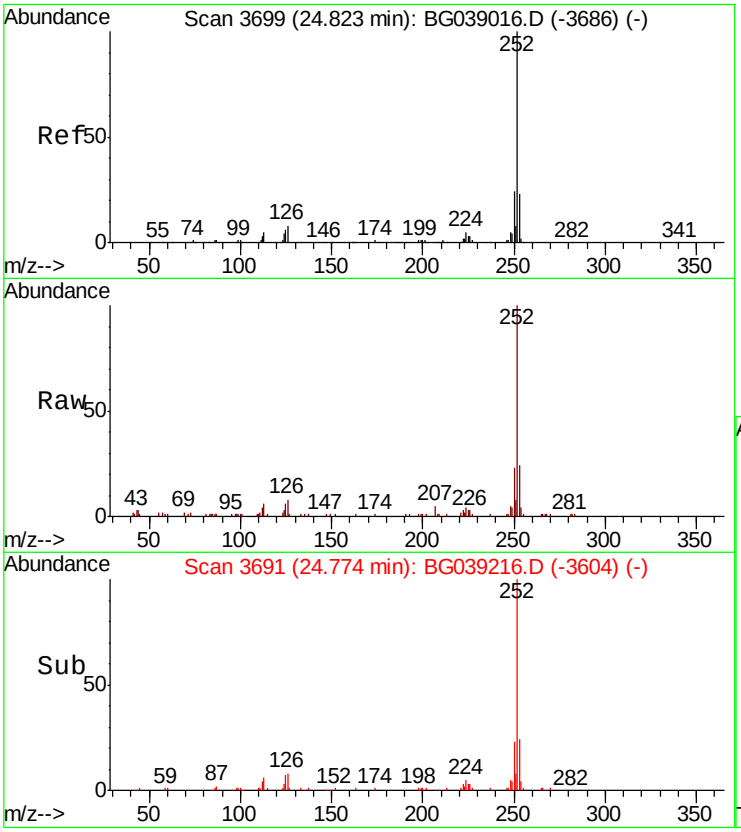


#89
Benzo(k)fluoranthene
Concen: 16.103 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.07 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion:252 Resp: 128072

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	7.6	4.6	7.0#



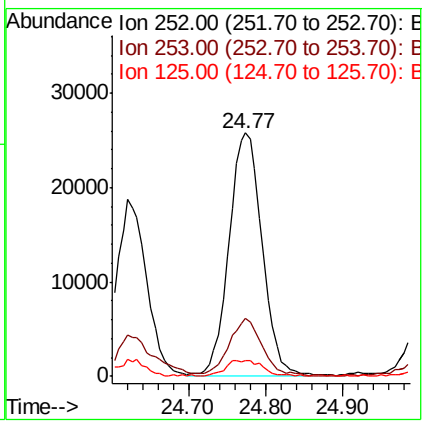


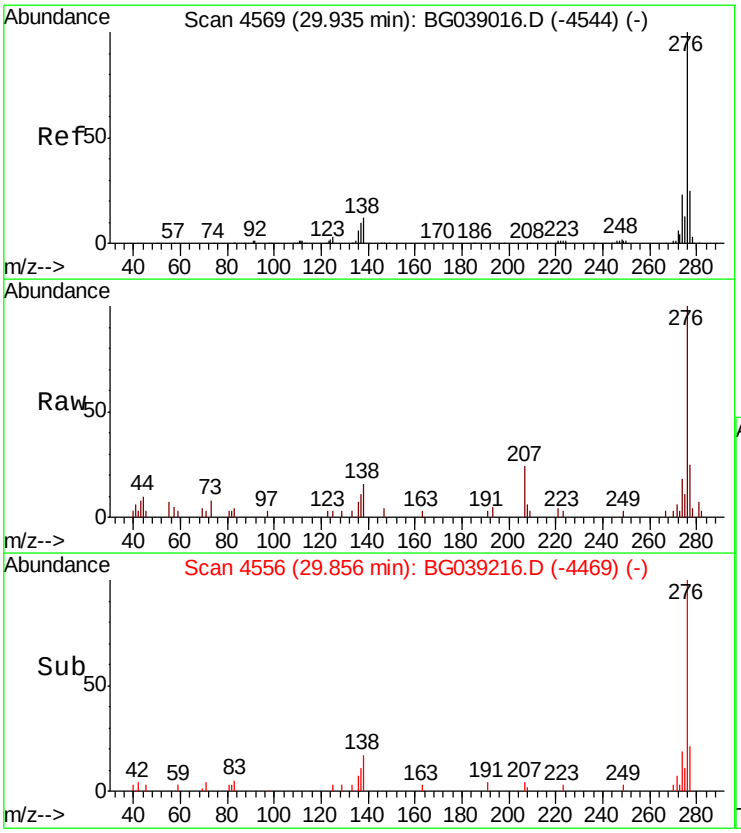
#90
Benzo(a)pyrene
Concen: 10.026 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.02 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Instrument :
BNA_G
ClientSampleId :
WC-05-011519

Tgt Ion:252 Resp: 77957

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.3	27.5
125	6.5	4.9	7.3





#92
Benzo(g,h,i)perylene
Concen: 4.970 ng
RT: 29.86 min Scan# 4556
Delta R.T. -0.02 min
Lab File: BG039216.D
Acq: 18 Jan 2019 15:16

Tgt Ion:276 Resp: 38054

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.3	30.5
138	15.8	9.4	14.2#