Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

Quantitation Report (Not Reviewed)

Data File : BG041919.D
Acq On : 3 Aug 2019 21:44
Operator : HP/JU
Sample : K3922-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A52F0MSD

Quant Time: Aug 04 02:35:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 02:31:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	82017	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.86	136	343864	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	241122	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.45	188	514407	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	501252	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	562335	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	2331	1.24	ng/uL	0.00
5) Phenol-d5	7.18	99	102268	15.89	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.35	67	53780	14.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	86422	15.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	96121	17.79	ng/ul	-0.01
19) Nitrobenzene-d5	9.20	128	48296	18.66	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.93	143	59792	19.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	123280	20.32	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.99	131	87958	13.06	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	416132	22.25	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	472918	22.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	57848	18.42	ng/ul	0.00
57) Fluorene-d10	15.69	176	373230	22.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	33744	10.22	ng/ul	0.00
70) Anthracene-d10	17.55	188	588657	23.85	ng/ul	0.00
78) Pyrene-d10	19.83	212	690294	24.68	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	756239	25.74	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.21	94	106586	16.043	ng/ul	97
10) 2-Chlorophenol	7.59	128	82822	14.848	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.84	70	78251	17.823	ng/ul	96
32) Caprolactam	12.14	113	3515	1.806	ng/ul#	9
33) 4-Chloro-3-methylphenol	12.13	107	124867	21.064	ng/ul	98
44) Dimethylphthalate	14.14	163	140764	7.581	ng/ul	99
49) Acenaphthene	14.76	153	326445	21.653	ng/ul	99
52) 4-Nitrophenol	14.89	109	44277	19.029	ng/ul	97
54) 2,4-Dinitrotoluene	15.05	165	124925	21.274	ng/ul	93
67) Atrazine	17.10	200	16042	2.508	ng/ul#	33
68) Pentachlorophenol	17.10	266	90461	24.283	ng/ul	95
69) Phenanthrene	17.49	178	124377	4.417	ng/ul	98
76) Fluoranthene	19.50	202	380030	11.679	ng/ul	97
79) Pyrene	19.86	202	1086336	32.219	ng/ul	98
82) Benzo(a)anthracene	21.71	228	139411	4.011	ng/ul	98
84) Chrysene	21.78	228	181625	5.599	ng/ul	97
87) Benzo(b)fluoranthene	23.96	252	258423	7.323	ng/ul	99
88) Benzo(k)fluoranthene	24.02	252	82575	2.434	ng/ul	99
90) Benzo(a)pyrene	24.85	252	151599	4.508	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.74	276	111994	2.855	ng/ul	99
93) Benzo(g,h,i)perylene	29.89	276	98745	3.015	ng/ul#	92

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

Quantitation Report (Not Reviewed)

Data File : BG041919.D
Acq On : 3 Aug 2019 21:44
Operator : HP/JU
Sample : K3922-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A52F0MSD

Quant Time: Aug 04 02:35:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 02:31:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

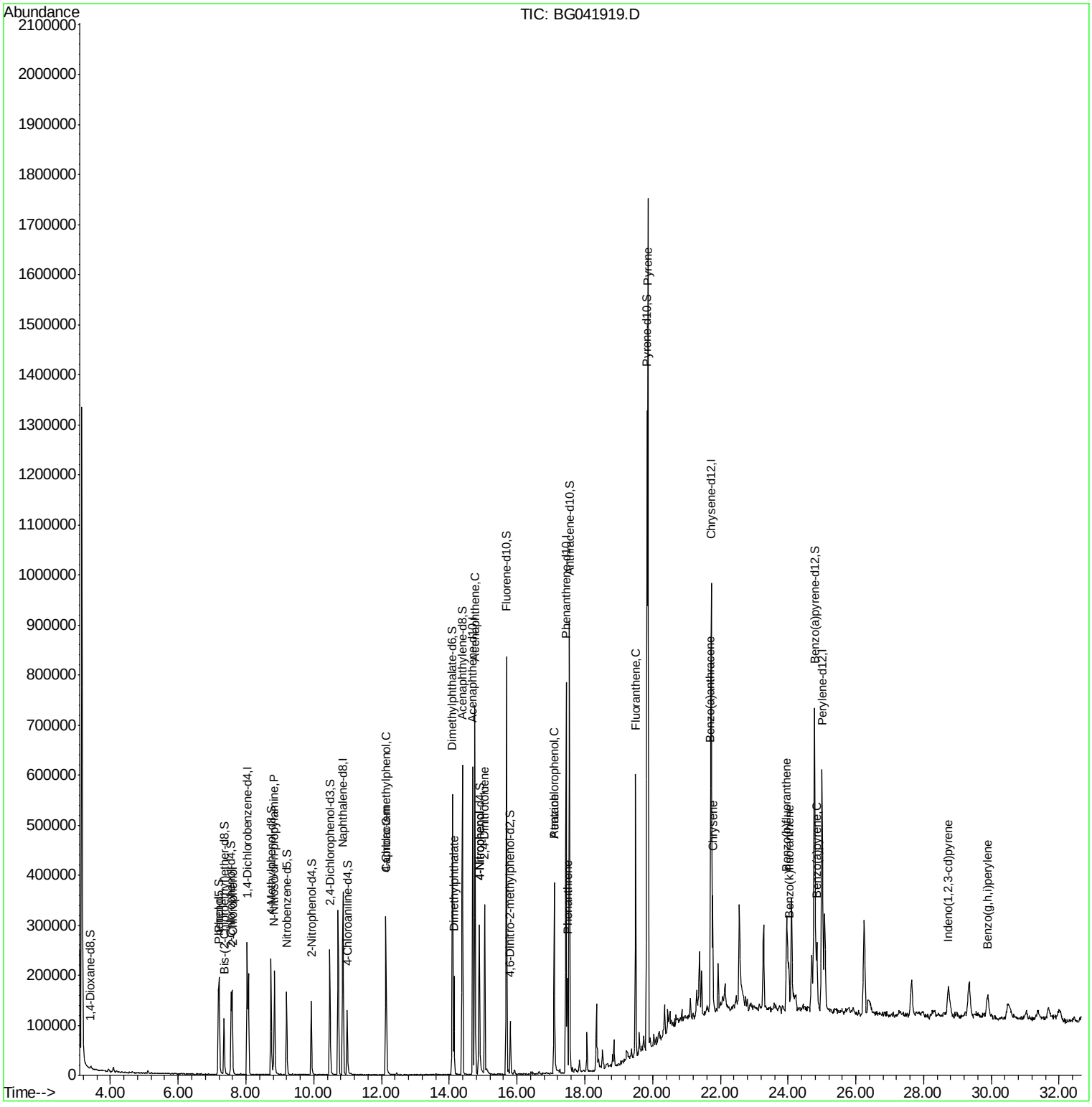
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

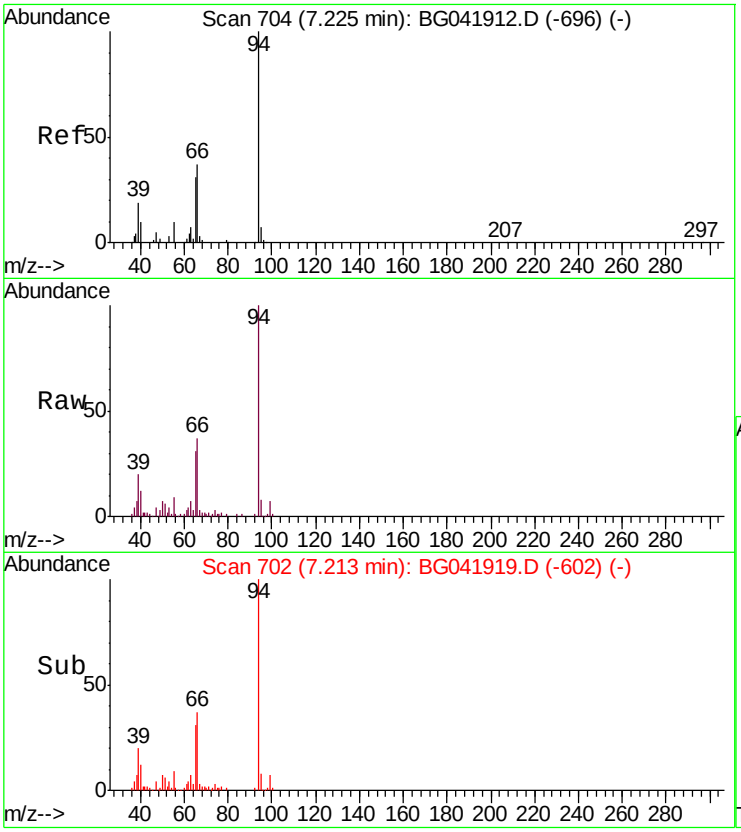
Quantitation Report (Not Reviewed)

Data File : BG041919.D
Acq On : 3 Aug 2019 21:44
Operator : HP/JU
Sample : K3922-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A52F0MSD

Quant Time: Aug 04 02:35:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 02:31:42 2019
Response via : Initial Calibration



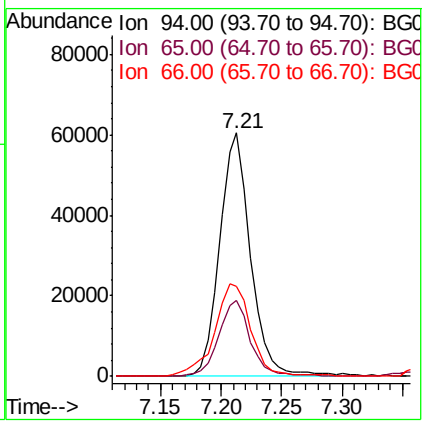


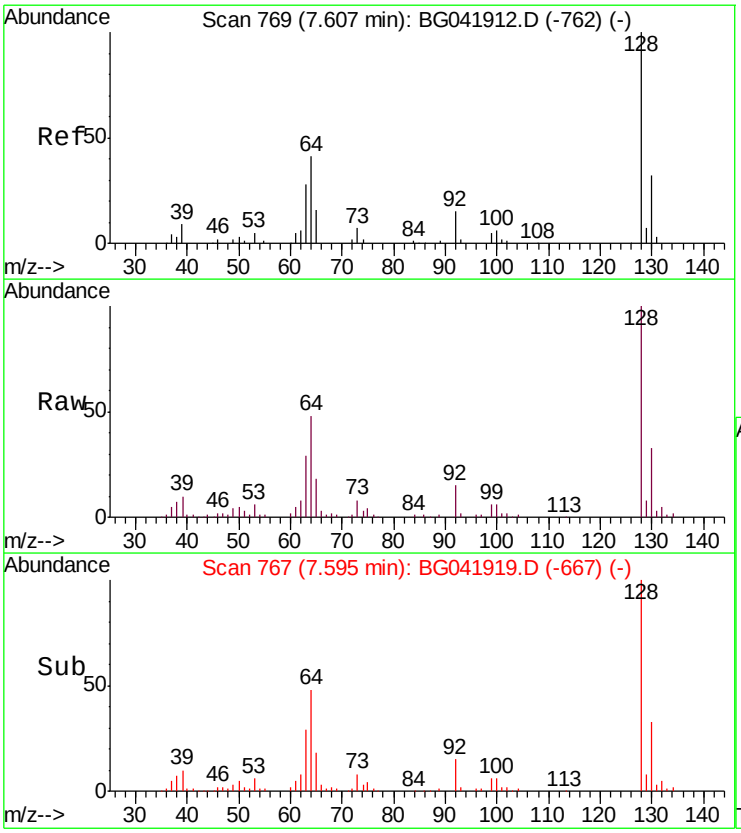
#6
Phenol
Concen: 16.043 ng/ul
RT: 7.21 min Scan# 702
Delta R.T. -0.01 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Instrument :
BNA_G
ClientSampleId :
A52F0MSD

Tgt Ion: 94 Resp: 106586

Ion	Ratio	Lower	Upper
94	100		
65	31.2	25.8	38.6
66	37.2	31.8	47.8

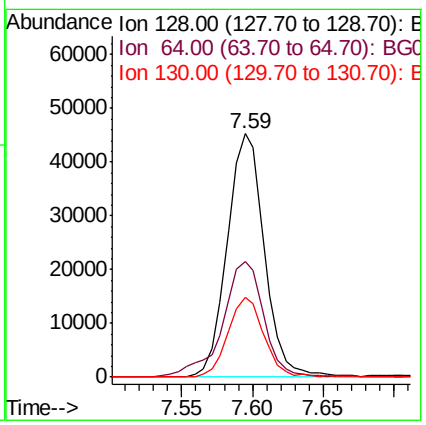


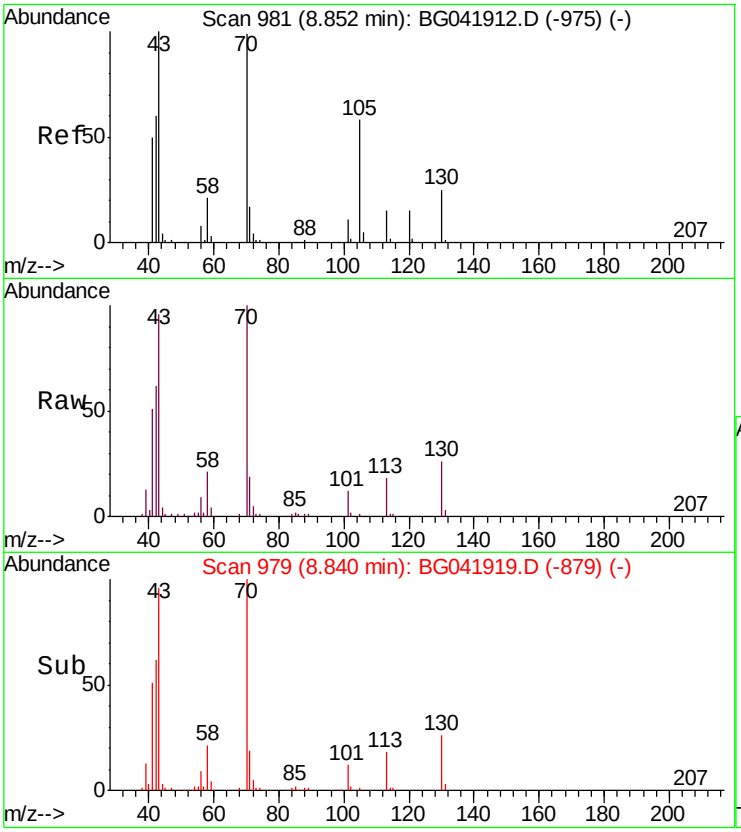


#10
2-Chlorophenol
Concen: 14.848 ng/ul
RT: 7.59 min Scan# 767
Delta R.T. -0.01 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Tgt Ion:128 Resp: 82822

Ion	Ratio	Lower	Upper
128	100		
64	47.7	35.5	53.3
130	32.6	26.2	39.4



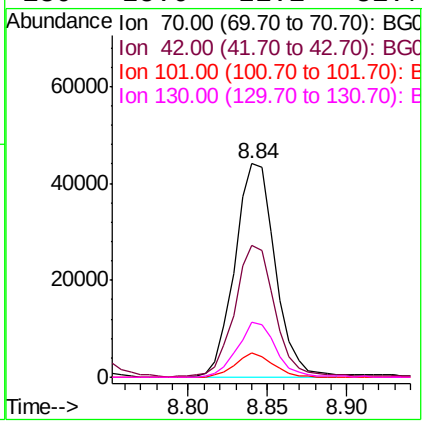


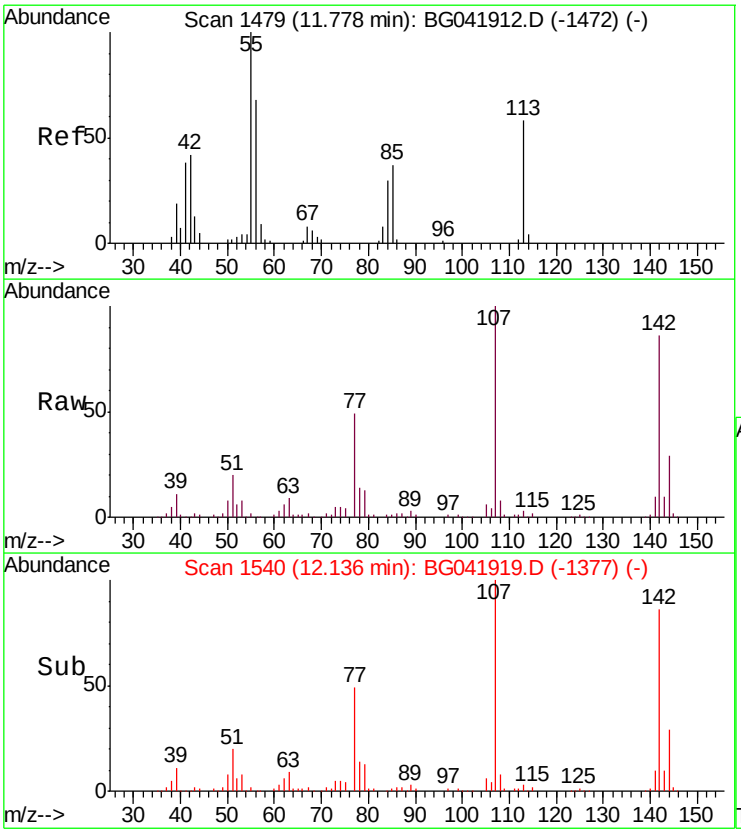
#15
N-Nitroso-di-n-propylamine
Concen: 17.823 ng/ul
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Instrument :
BNA_G
ClientSampleId :
A52F0MSD

Tgt Ion: 70 Resp: 78251

Ion	Ratio	Lower	Upper
70	100		
42	61.8	46.4	69.6
101	11.6	9.7	14.5
130	25.6	21.1	31.7

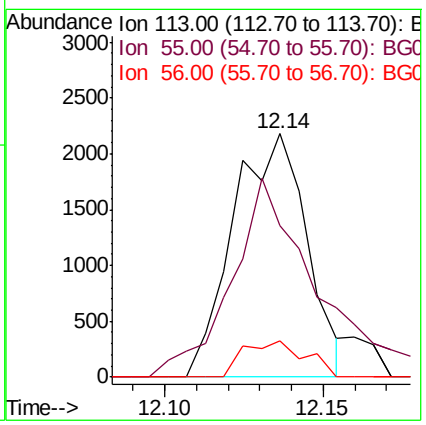


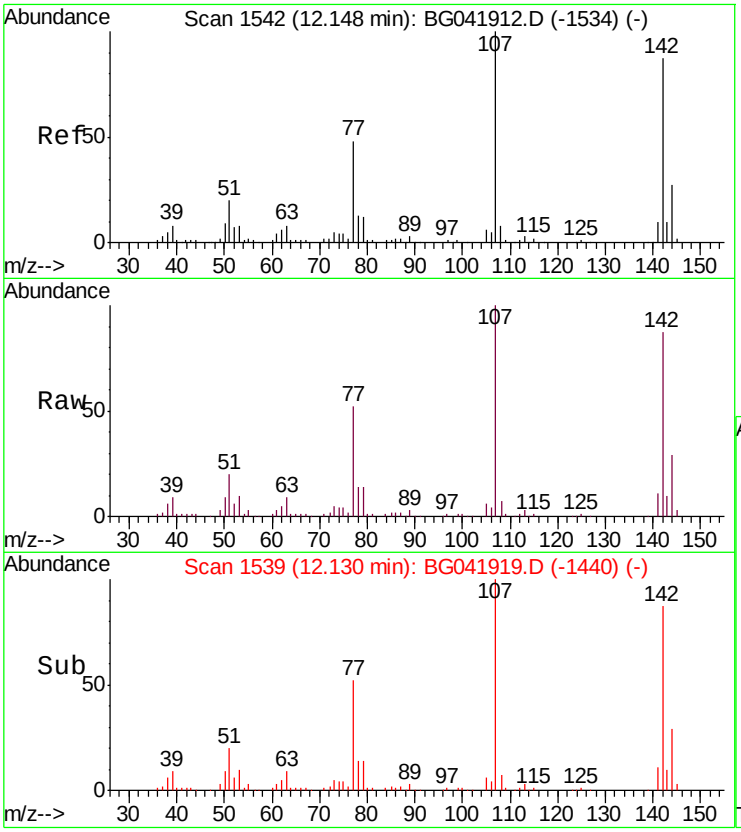


#32
Caprolactam
Concen: 1.806 ng/ul
RT: 12.14 min Scan# 1540
Delta R.T. 0.36 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Tgt Ion:113 Resp: 3515

Ion	Ratio	Lower	Upper
113	100		
55	62.0	142.4	213.6#
56	14.7	109.4	164.2#



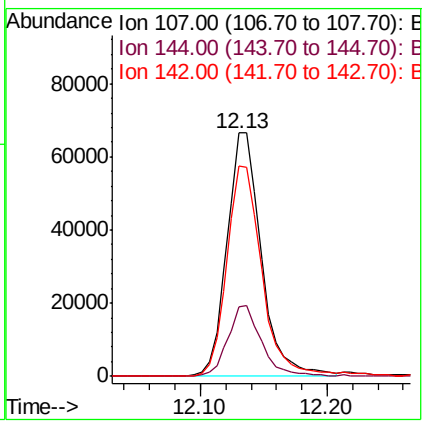


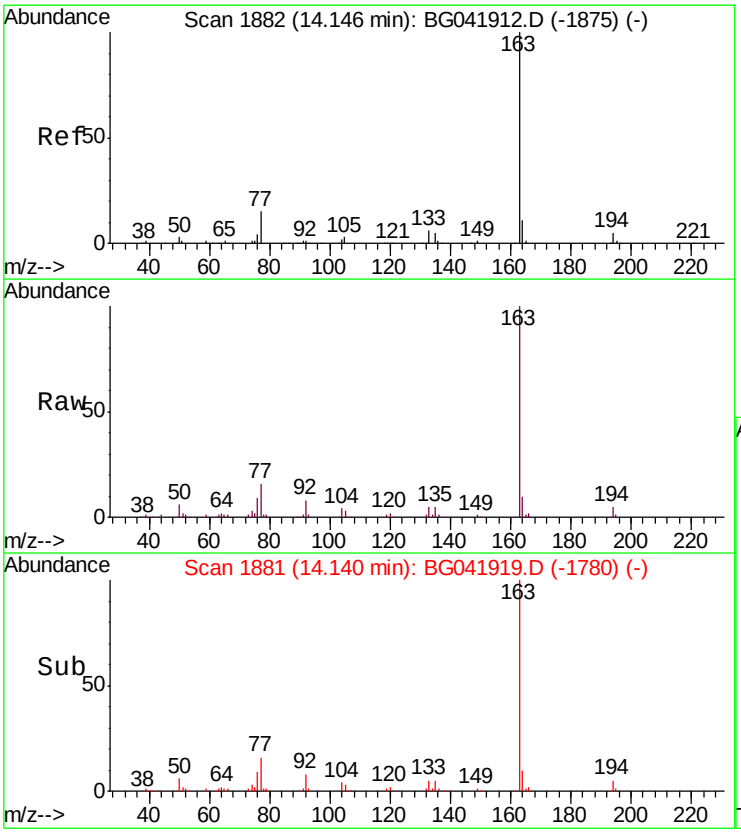
#33
4-Chloro-3-methylphenol
Concen: 21.064 ng/ul
RT: 12.13 min Scan# 1539
Delta R.T. -0.02 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Instrument :
BNA_G
ClientSampleId :
A52F0MSD

Tgt Ion:107 Resp: 124867

Ion	Ratio	Lower	Upper
107	100		
144	28.7	23.0	34.6
142	86.5	71.0	106.6

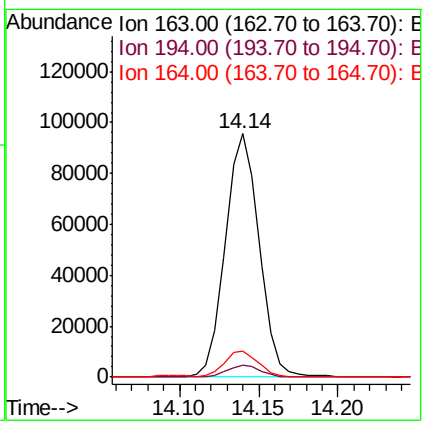


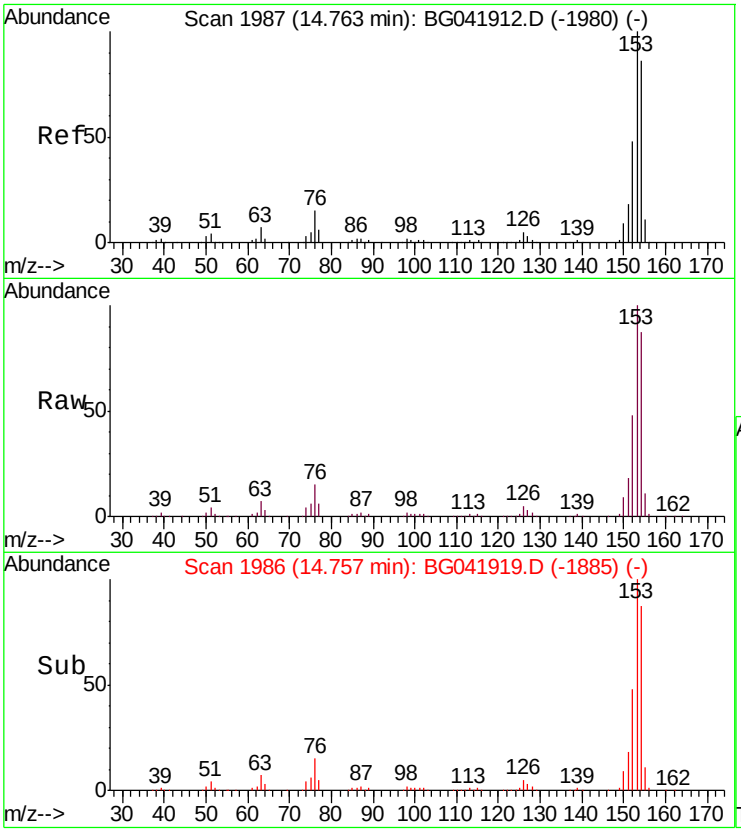


#44
Dimethylphthalate
Concen: 7.581 ng/ul
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Tgt Ion:163 Resp: 140764

Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	10.4	7.8	11.8



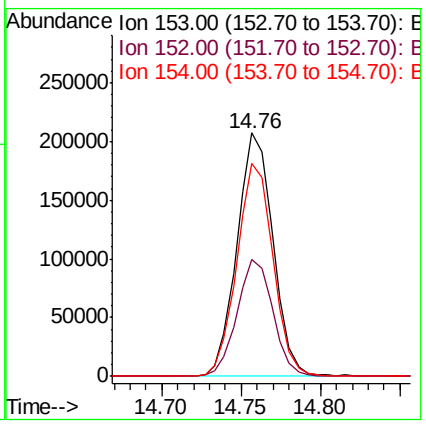


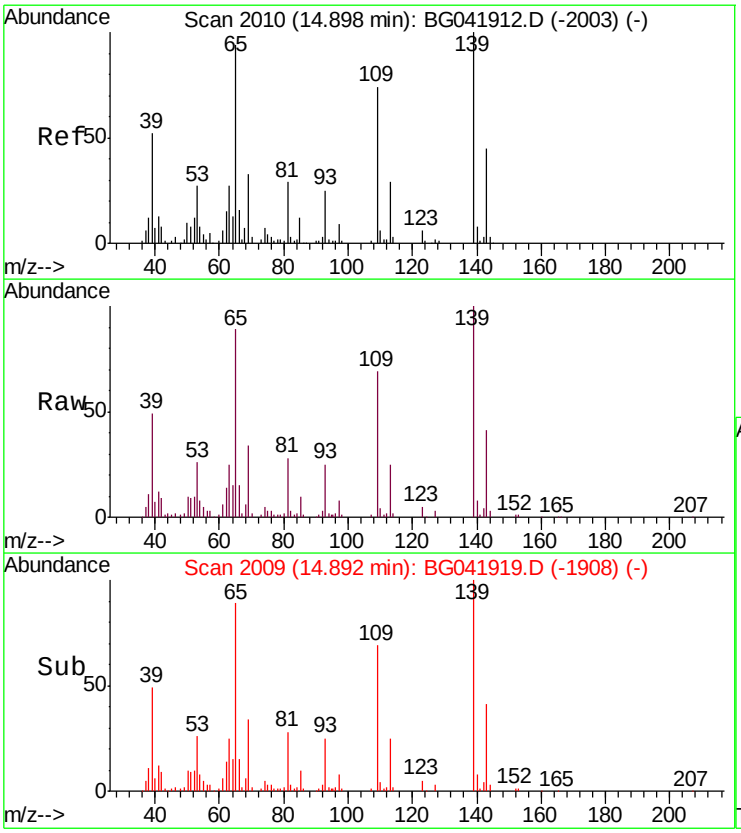
#49
Acenaphthene
Concen: 21.653 ng/ul
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Instrument :
BNA_G
ClientSampleId :
A52F0MSD

Tgt Ion:153 Resp: 326445

Ion	Ratio	Lower	Upper
153	100		
152	47.9	37.8	56.8
154	87.2	69.4	104.2

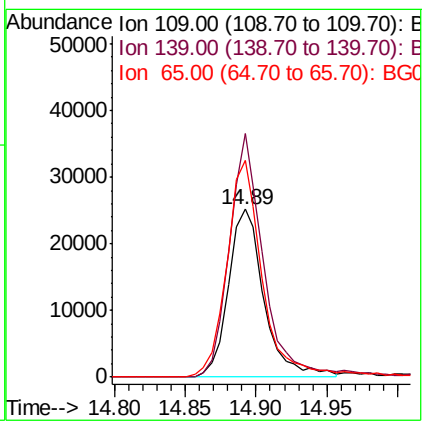


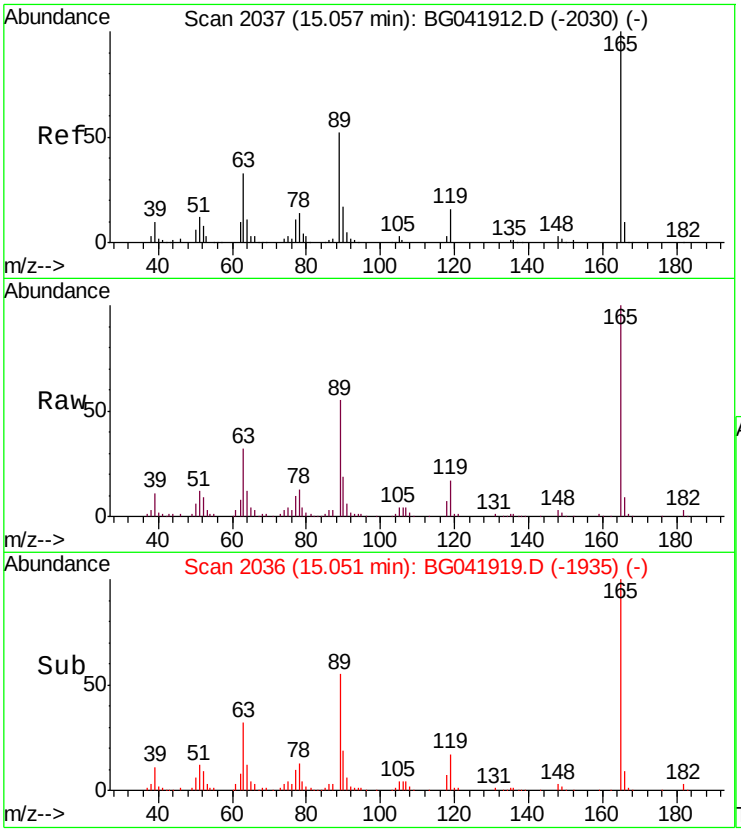


#52
4-Nitrophenol
Concen: 19.029 ng/ul
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Tgt Ion:109 Resp: 44277

Ion	Ratio	Lower	Upper
109	100		
139	145.0	111.8	167.6
65	128.8	103.6	155.4



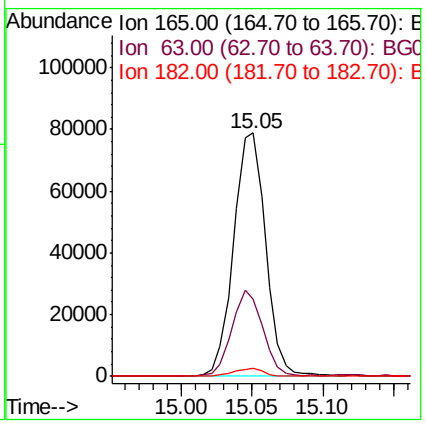


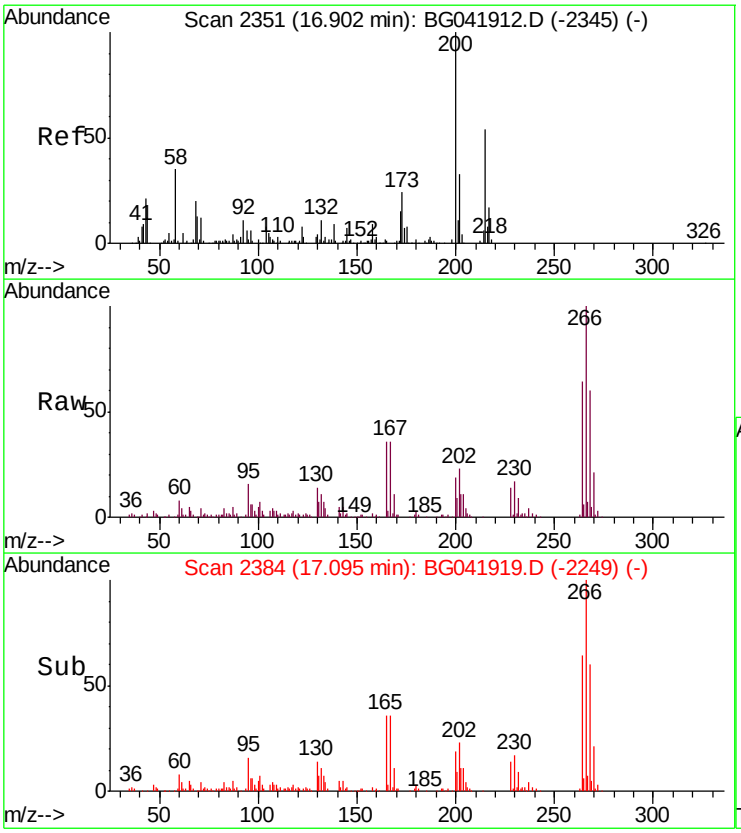
#54
2,4-Dinitrotoluene
Concen: 21.274 ng/ul
RT: 15.05 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Instrument :
BNA_G
ClientSampleId :
A52F0MSD

Tgt Ion:165 Resp: 124925

Ion	Ratio	Lower	Upper
165	100		
63	32.0	29.4	44.2
182	3.4	2.6	4.0

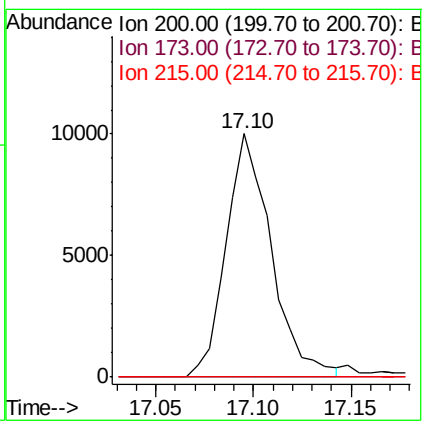


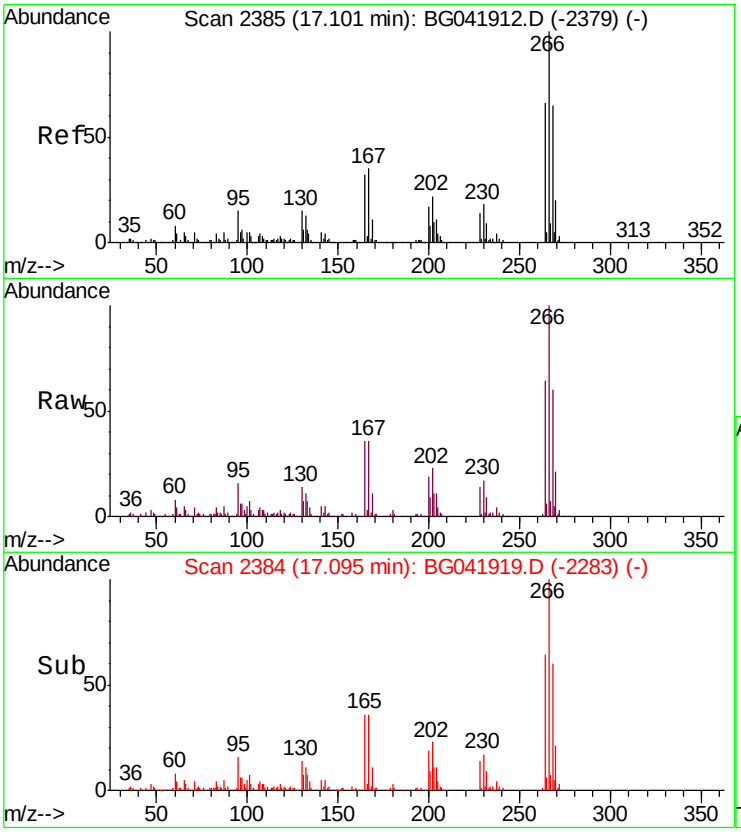


#67
Atrazine
Concen: 2.508 ng/ul
RT: 17.10 min Scan# 2384
Delta R.T. 0.19 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Tgt Ion:200 Resp: 16042

Ion	Ratio	Lower	Upper
200	100		
173	0.0	19.0	28.6#
215	0.0	43.0	64.6#



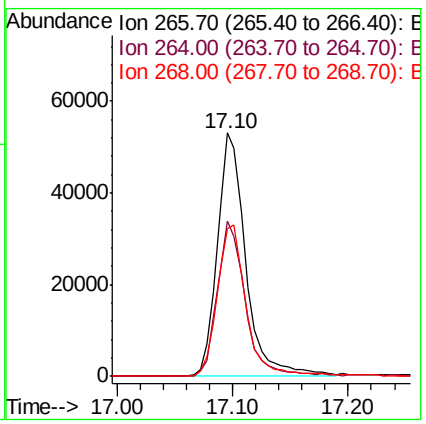


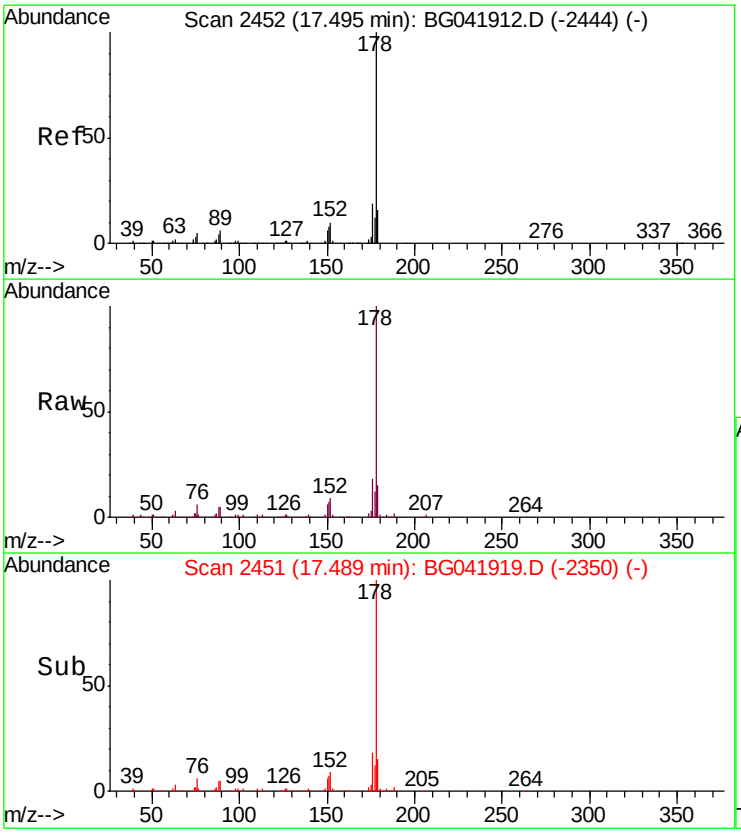
#68
Pentachlorophenol
Concen: 24.283 ng/ul
RT: 17.10 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Instrument :
BNA_G
ClientSampleId :
A52F0MSD

Tgt Ion:266 Resp: 90461

Ion	Ratio	Lower	Upper
266	100		
264	63.8	52.3	78.5
268	60.5	53.2	79.8

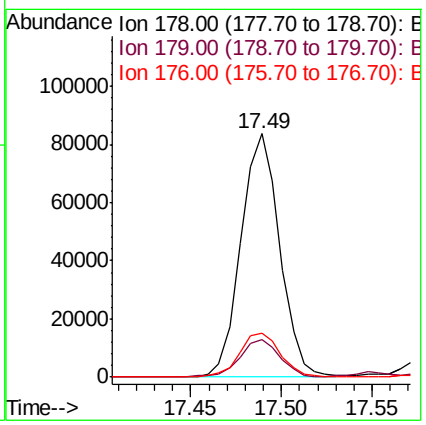


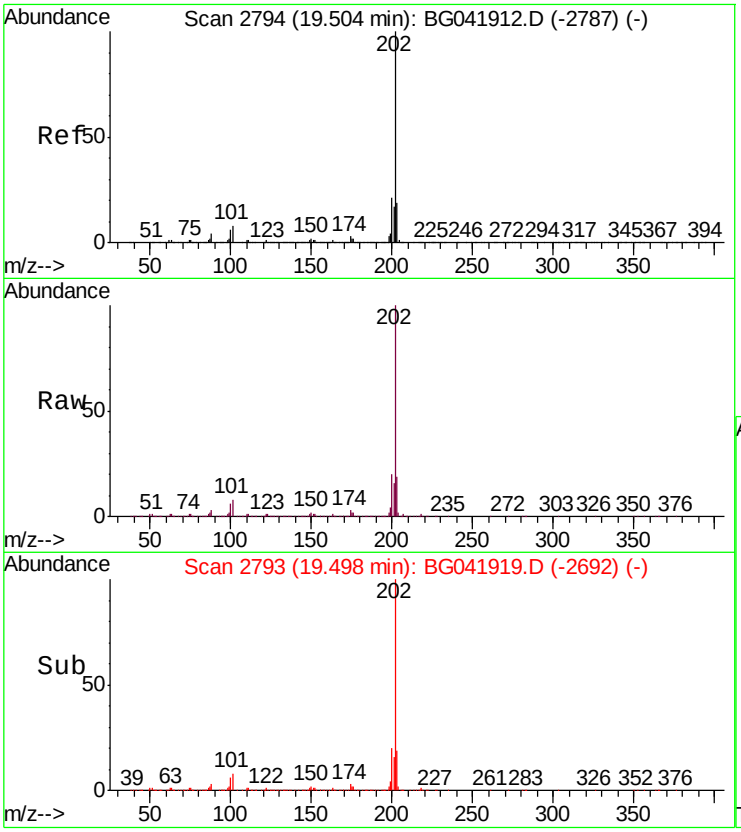


#69
Phenanthrene
Concen: 4.417 ng/ul
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Tgt Ion:178 Resp: 124377

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.0	15.4	23.2



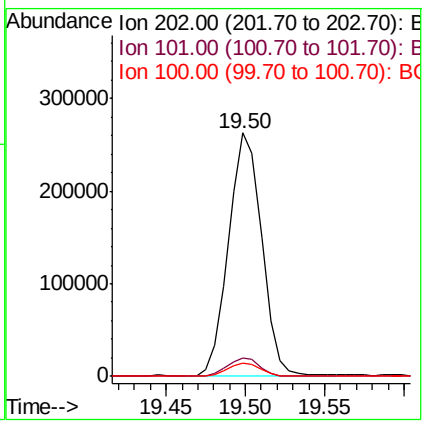


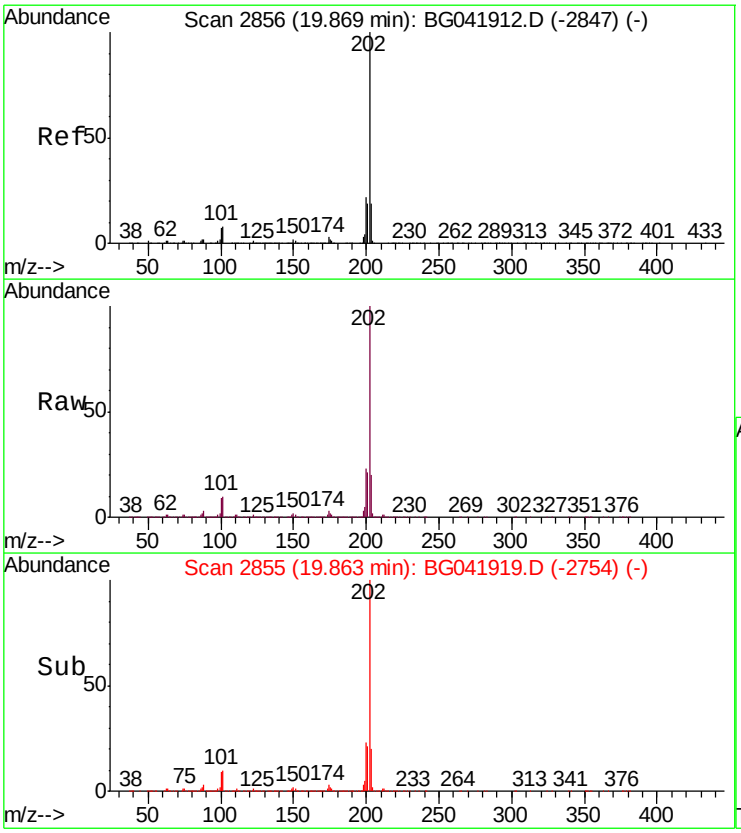
#76
Fluoranthene
Concen: 11.679 ng/ul
RT: 19.50 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Instrument :
BNA_G
ClientSampleId :
A52F0MSD

Tgt Ion:202 Resp: 380030

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.7	10.1
100	5.6	5.3	7.9

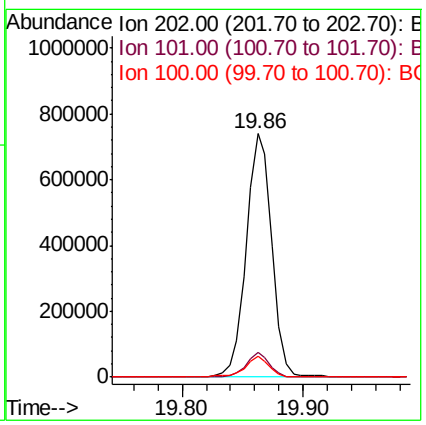


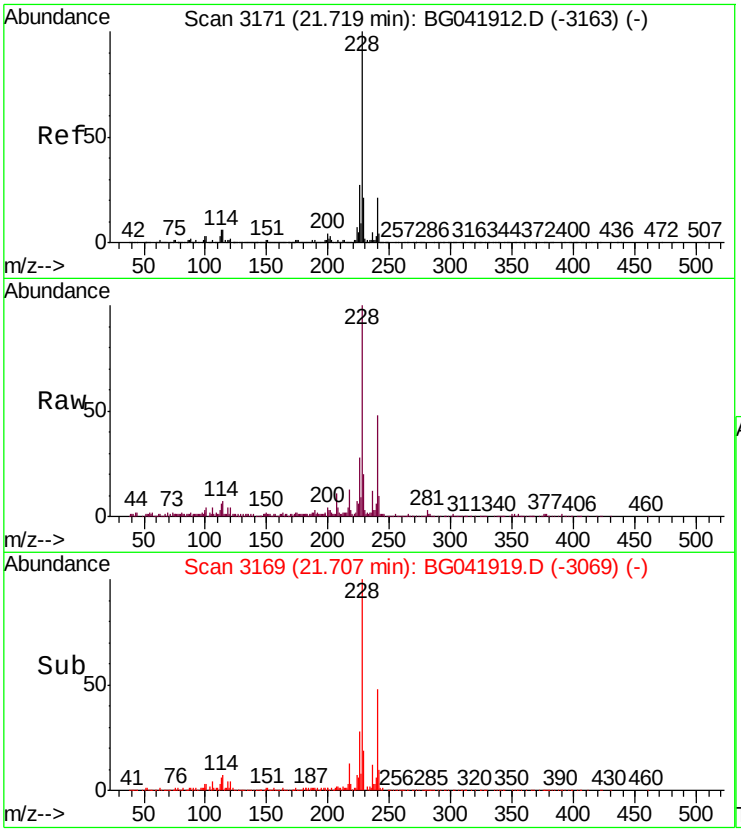


#79
Pyrene
Concen: 32.219 ng/ul
RT: 19.86 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Tgt Ion:202 Resp: 1086336

Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.6	11.4
100	8.6	6.5	9.7



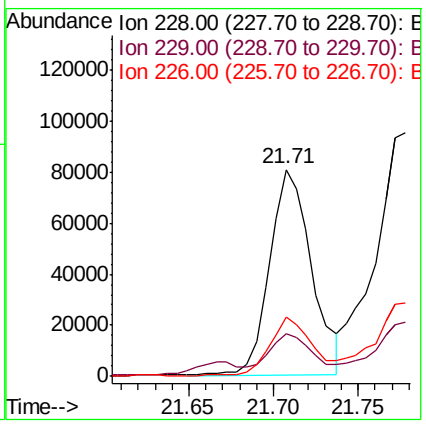


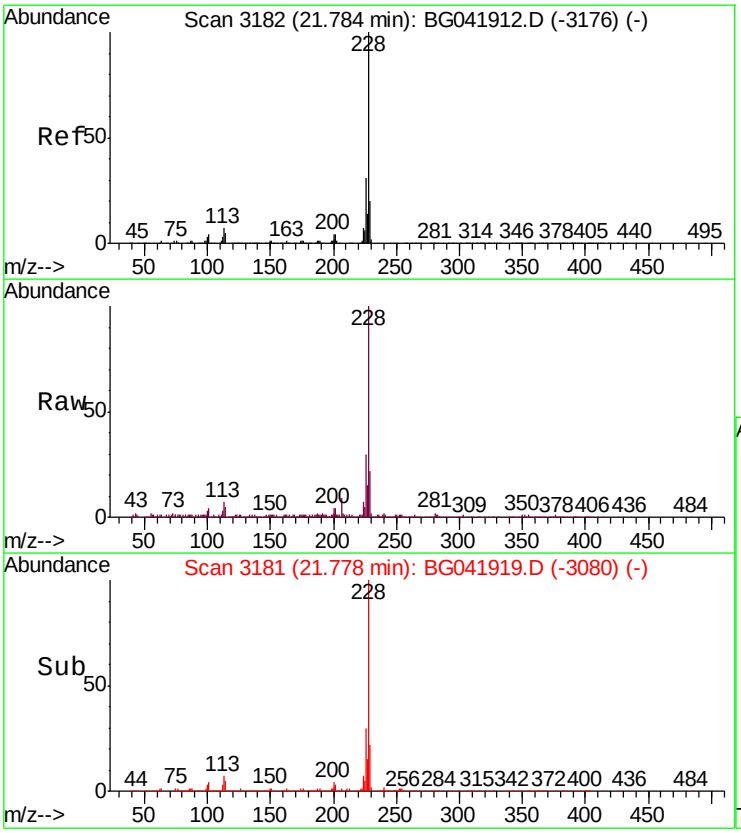
#82
Benzo(a)anthracene
Concen: 4.011 ng/ul
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Instrument :
BNA_G
ClientSampleId :
A52F0MSD

Tgt Ion:228 Resp: 139411

Ion	Ratio	Lower	Upper
228	100		
229	20.4	17.0	25.6
226	28.3	23.3	34.9

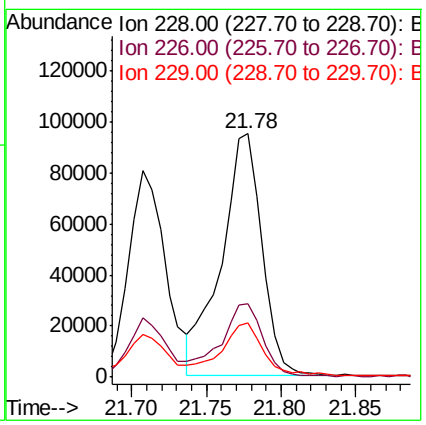


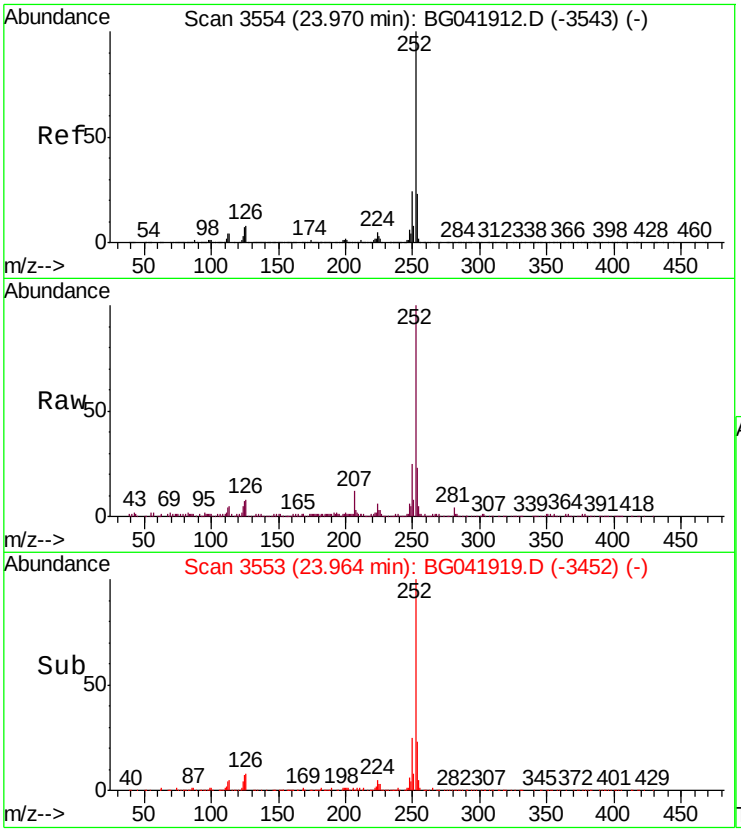


#84
Chrysene
Concen: 5.599 ng/ul
RT: 21.78 min Scan# 3181
Delta R.T. -0.01 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Tgt Ion:228 Resp: 181625

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.7	38.5
229	22.3	16.6	24.8



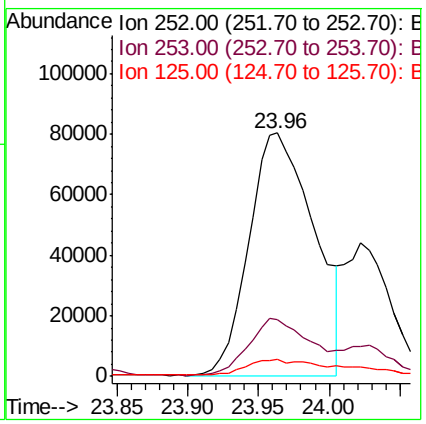


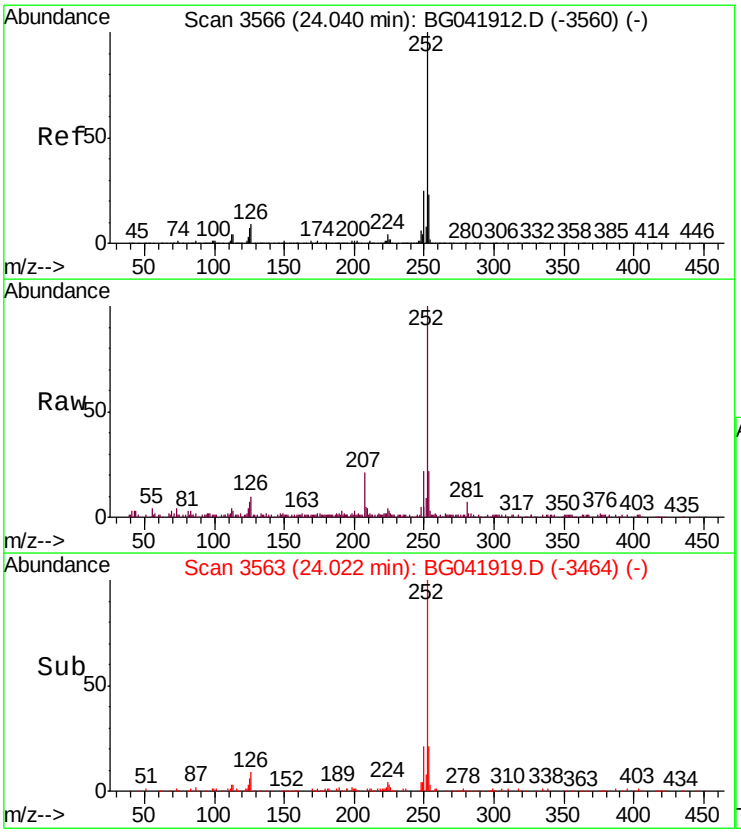
#87
Benzo(b)fluoranthene
Concen: 7.323 ng/ul
RT: 23.96 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Instrument :
BNA_G
ClientSampleId :
A52F0MSD

Tgt Ion:252 Resp: 258423

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	7.1	5.8	8.8

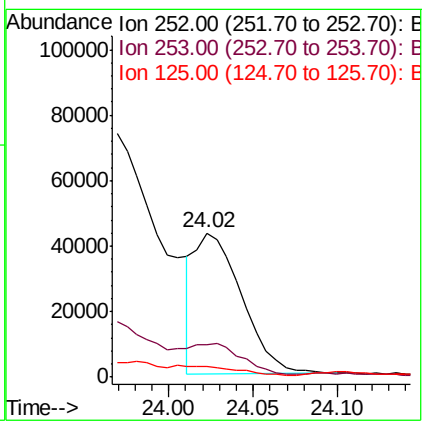


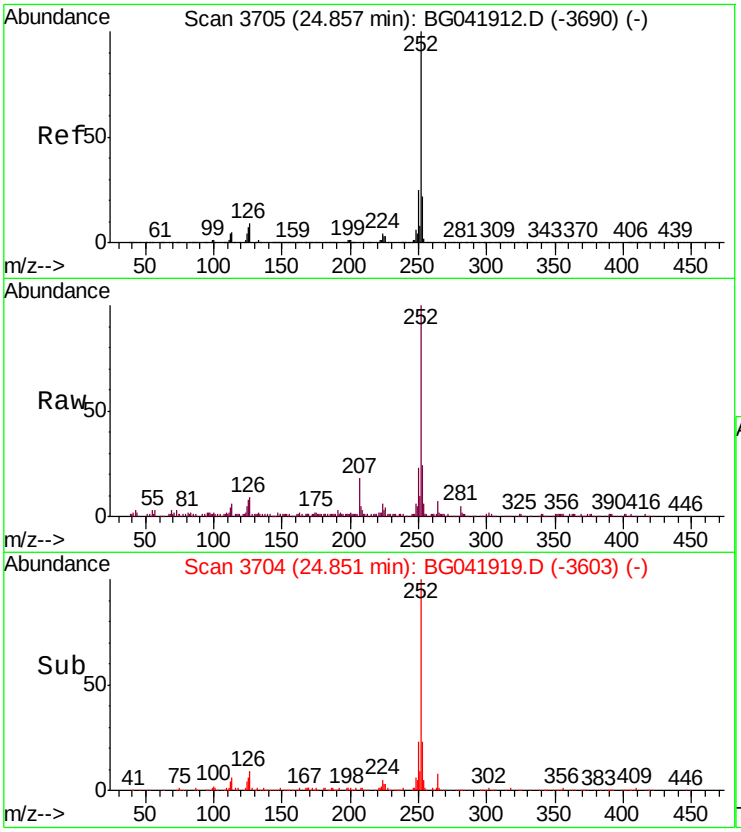


#88
Benzo(k)fluoranthene
Concen: 2.434 ng/ul
RT: 24.02 min Scan# 3563
Delta R.T. -0.02 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Tgt Ion:252 Resp: 82575

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	7.2	5.5	8.3



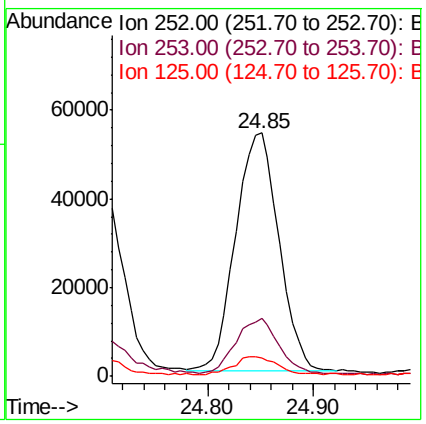


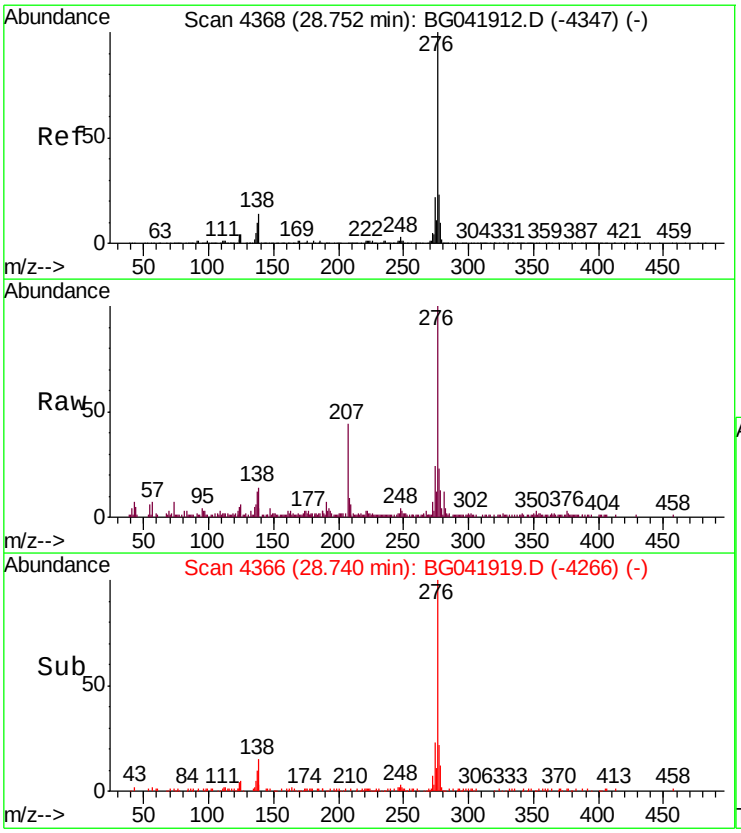
#90
Benzo(a)pyrene
Concen: 4.508 ng/ul
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Instrument :
BNA_G
ClientSampleId :
A52F0MSD

Tgt Ion:252 Resp: 151599

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.3	27.5
125	7.6	6.5	9.7

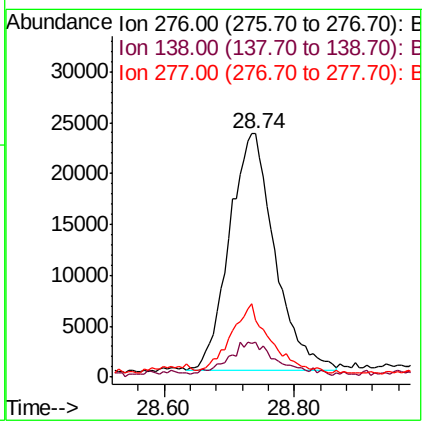


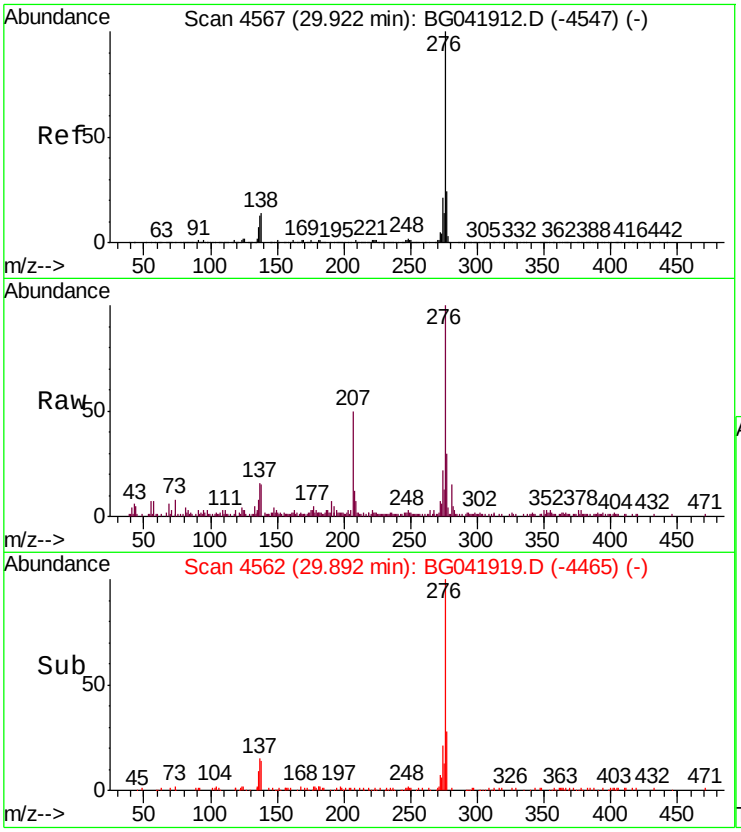


#91
Indeno(1,2,3-cd)pyrene
Concen: 2.855 ng/ul
RT: 28.74 min Scan# 4366
Delta R.T. -0.01 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Tgt Ion:276 Resp: 111994

Ion	Ratio	Lower	Upper
276	100		
138	14.5	12.0	18.0
277	23.4	19.2	28.8





#93
Benzo(g,h,i)perylene
Concen: 3.015 ng/ul
RT: 29.89 min Scan# 4562
Delta R.T. -0.03 min
Lab File: BG041919.D
Acq: 3 Aug 2019 21:44

Instrument :
BNA_G
ClientSampleId :
A52F0MSD

Tgt Ion:276 Resp: 98745

Ion	Ratio	Lower	Upper
276	100		
138	14.8	12.6	18.8
277	29.5	19.2	28.8#