Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
Data File : BG042421.D
Acq On : 23 Aug 2019 3:58
Operator : HP/JU
Sample : K4086-01RE 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 23 05:32:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	68819	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	256313	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	160623	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	317744	20.00	ng		0.00
76) Chrysene-d12	21.70	240	329655	20.00	ng		0.00
87) Perylene-d12	24.94	264	358528	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	411903	121.22	ng		0.00
7) Phenol-d6	7.17	99	502792	109.54	ng		0.00
23) Nitrobenzene-d5	9.17	82	247200	66.65	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	183632	80.43	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	696220	73.31	ng		0.00
79) Terphenyl-d14	20.03	244	1007682	66.09	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.17	70	30431	10.234	ng	#	75
49) Acenaphthylene	14.39	152	27880	2.070	ng	#	94
50) Dimethylphthalate	14.11	163	136919	11.814	ng		98
67) 4-Bromophenyl-phenylether	16.16	248	12840	3.186	ng	#	1
71) Phenanthrene	17.46	178	109081	6.911	ng		98
75) Fluoranthene	19.47	202	371156	19.269	ng		99
78) Pyrene	19.83	202	367533	18.185	ng		99
81) Benzo(a)anthracene	21.67	228	251374	12.535	ng		98
83) Chrysene	21.74	228	278473	14.399	ng		98
86) Indeno(1,2,3-cd)pyrene	28.66	276	208060	7.916	ng	#	95
88) Benzo(b)fluoranthene	23.92	252	388913	19.731	ng	#	95
89) Benzo(k)fluoranthene	23.92	252	388913	20.527	ng	#	95
90) Benzo(a)pyrene	24.79	252	285920	15.287	ng	#	96
91) Dibenzo(a,h)anthracene	28.70	278	49973	2.639	ng	#	66
92) Benzo(g,h,i)perylene	29.82	276	177480	9.370	ng		95

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
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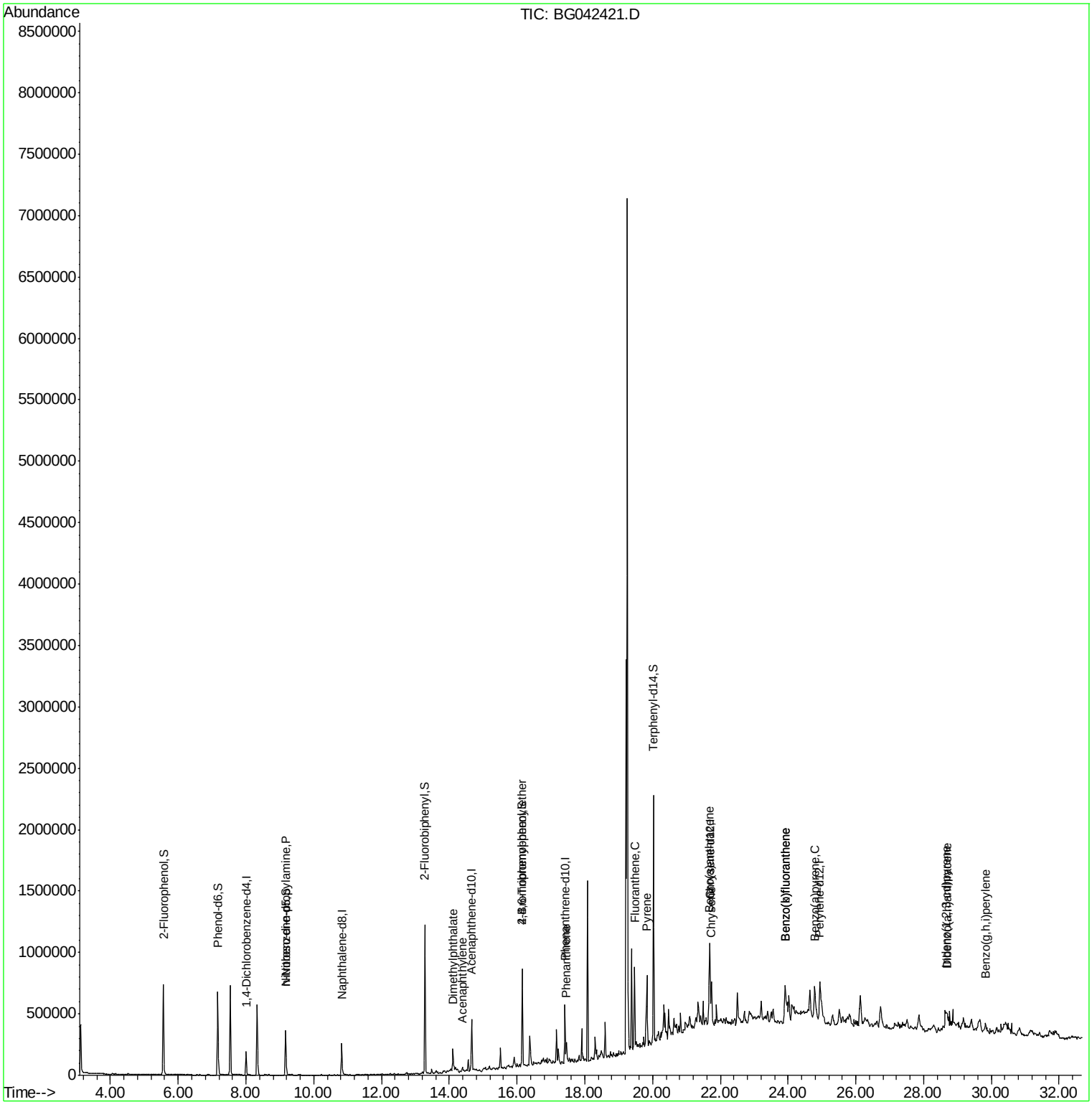
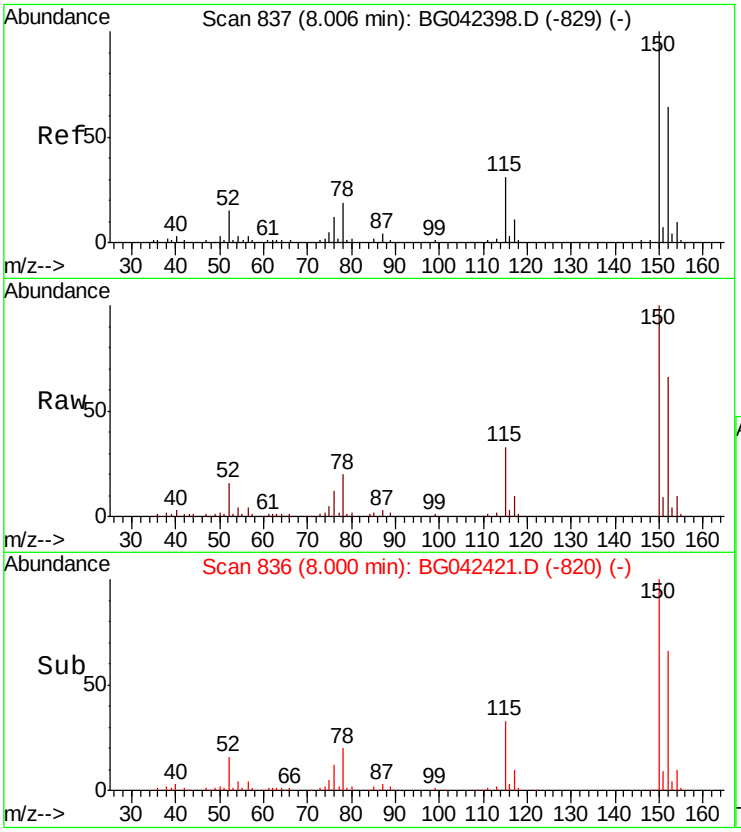


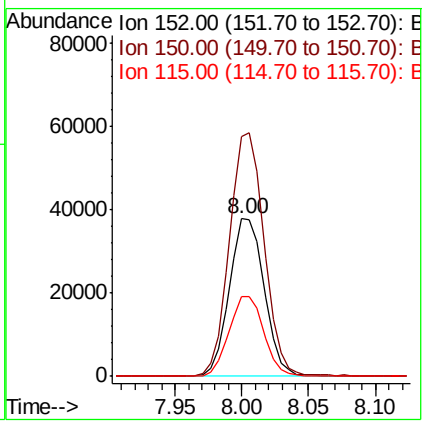


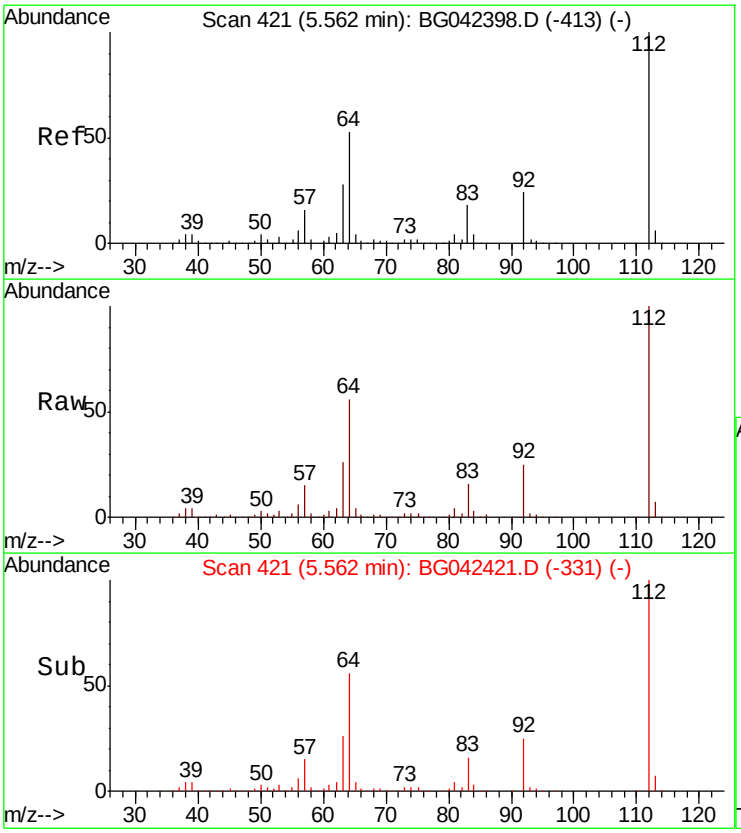
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 68819

Ion	Ratio	Lower	Upper
152	100		
150	152.0	125.4	188.0
115	50.7	38.5	57.7

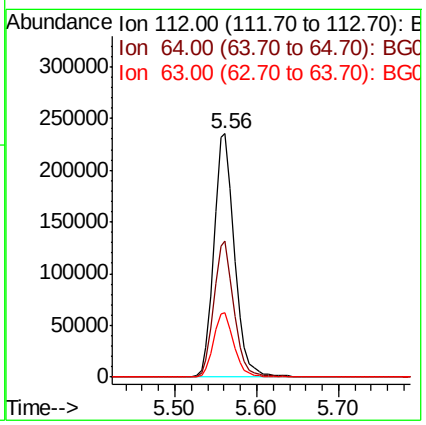


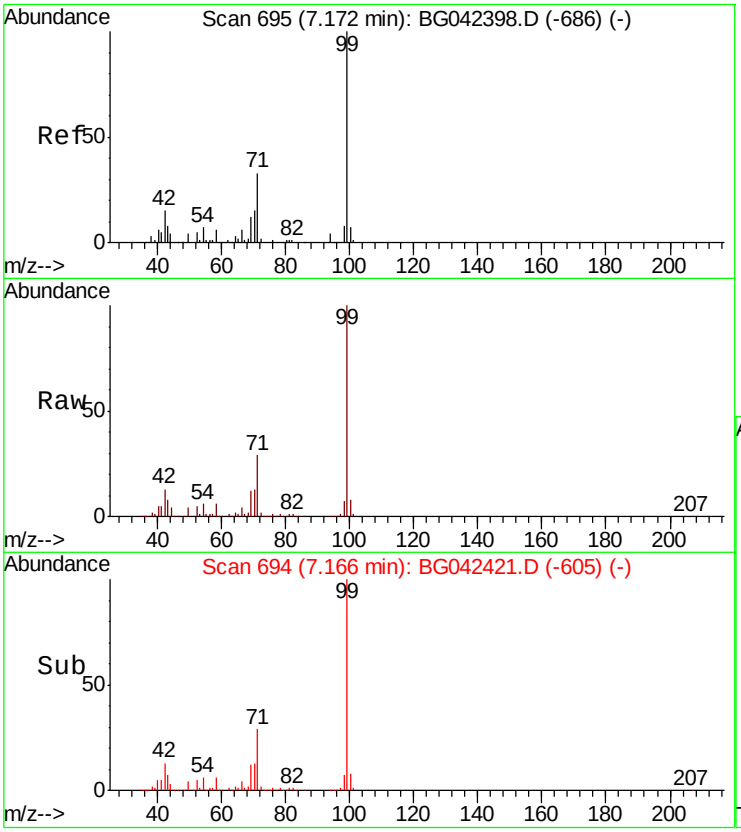


#5
2-Fluorophenol
Concen: 121.220 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Tgt Ion:112 Resp: 411903

Ion	Ratio	Lower	Upper
112	100		
64	56.1	42.8	64.2
63	26.4	22.7	34.1



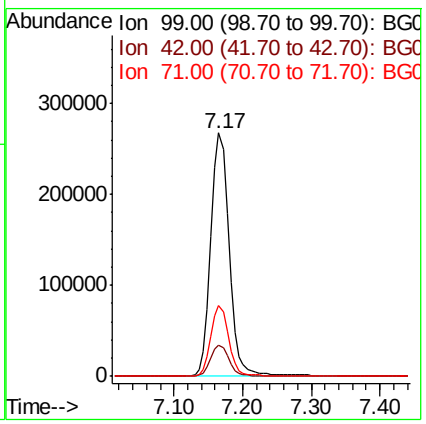


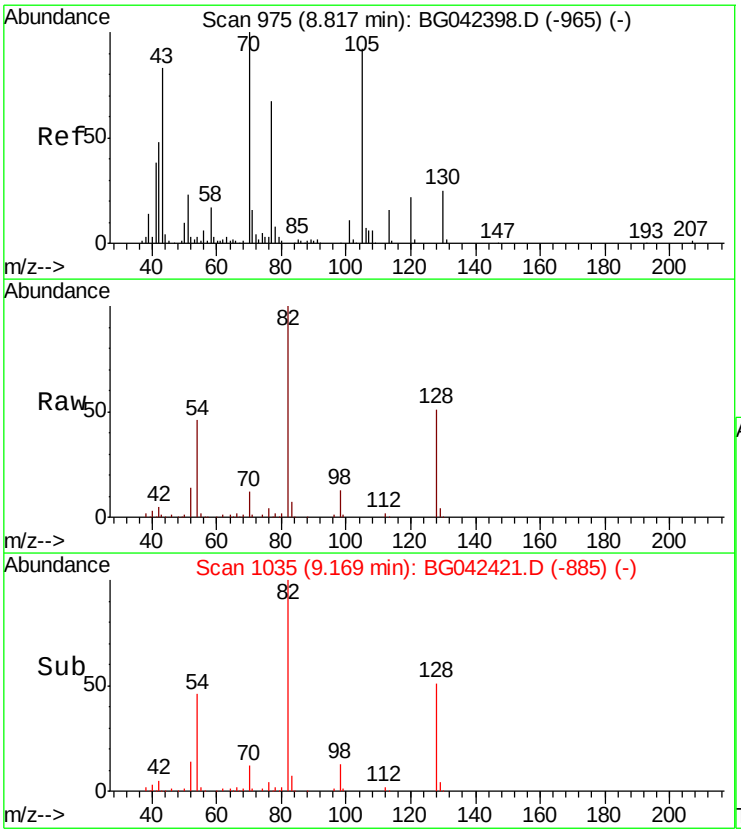
#7
Phenol-d6
Concen: 109.543 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 502792

Ion	Ratio	Lower	Upper
99	100		
42	12.9	12.0	18.0
71	29.0	26.3	39.5

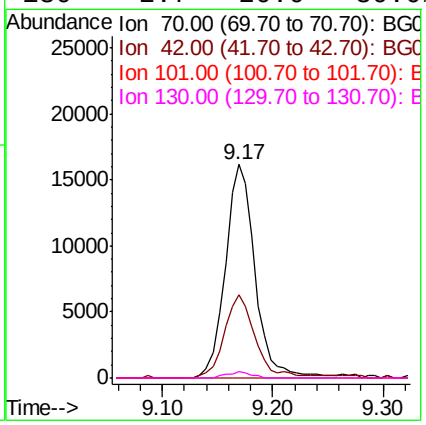


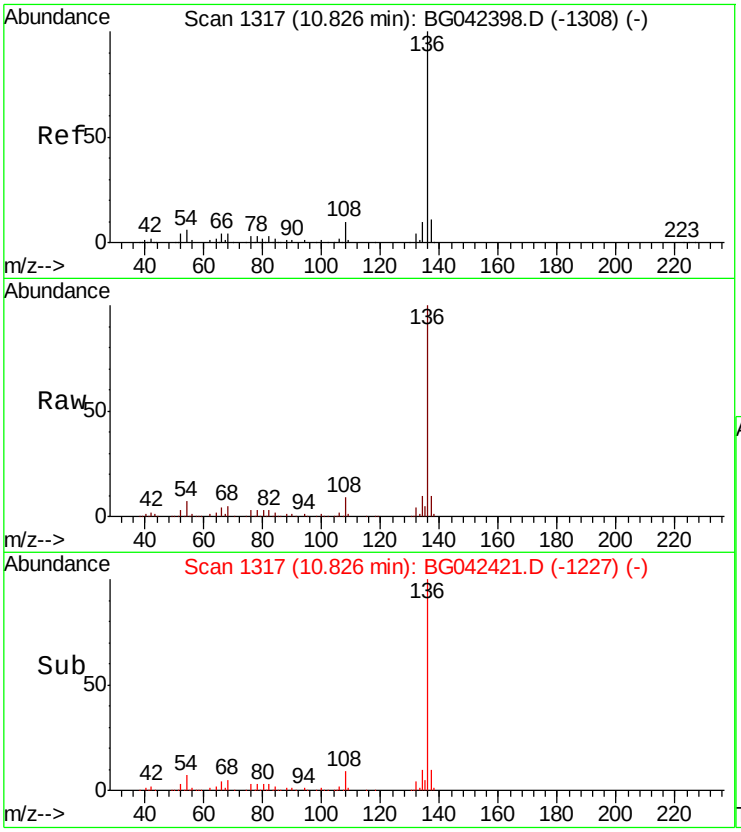


#19
n-Nitroso-di-n-propylamine
Concen: 10.234 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.35 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Tgt Ion: 70 Resp: 30431

Ion	Ratio	Lower	Upper
70	100		
42	39.0	38.8	58.2
101	0.0	9.0	13.6#
130	2.7	20.0	30.0#



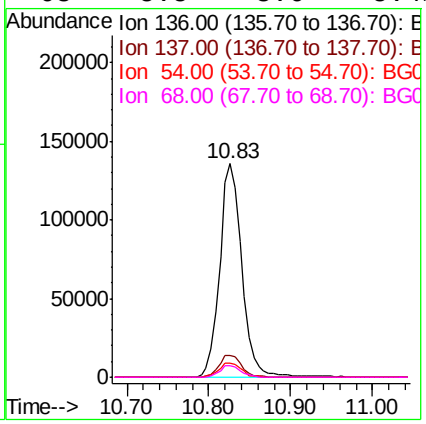


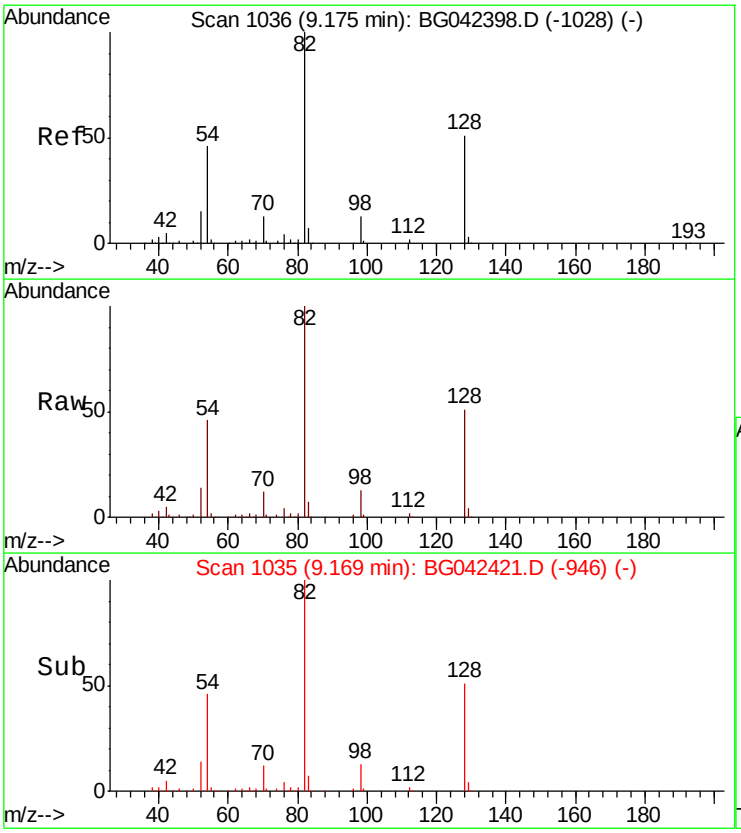
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 256313

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.8	4.9	7.3
68	5.5	3.6	5.4#

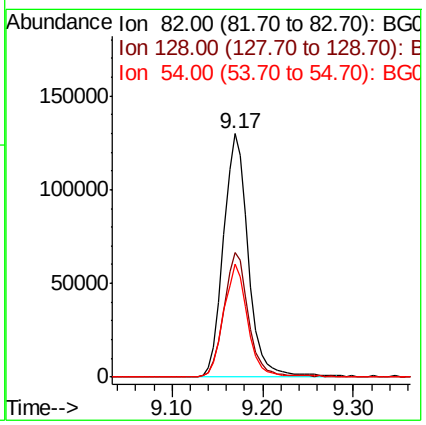


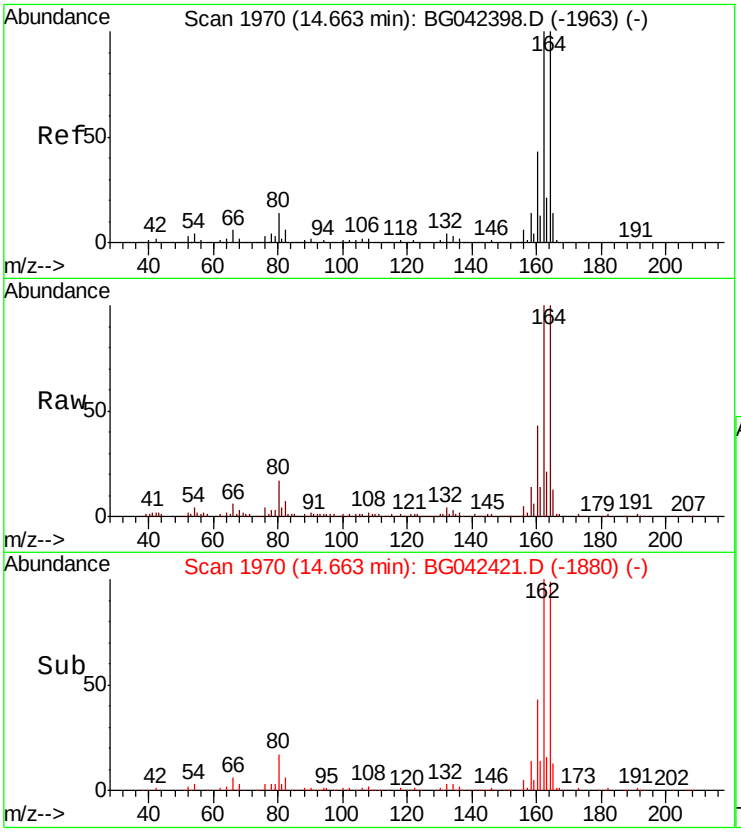


#23
Nitrobenzene-d5
Concen: 66.647 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Tgt Ion: 82 Resp: 247200

Ion	Ratio	Lower	Upper
82	100		
128	51.0	40.7	61.1
54	46.2	36.3	54.5



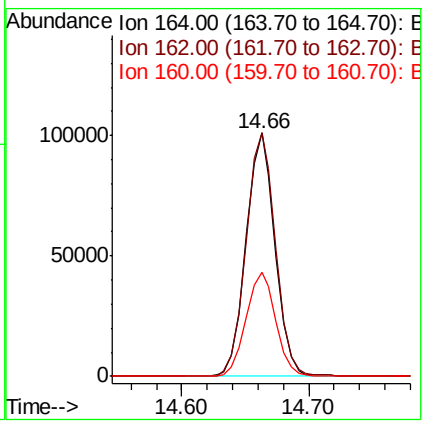


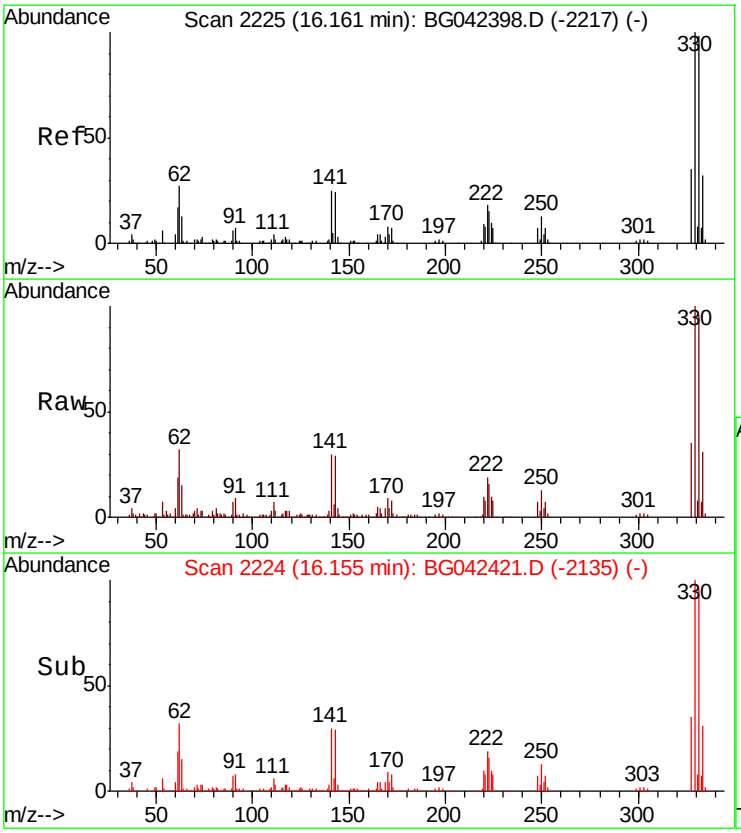
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 160623

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.9	119.9
160	42.7	34.3	51.5

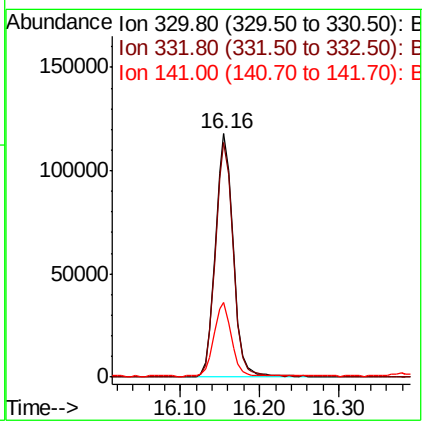


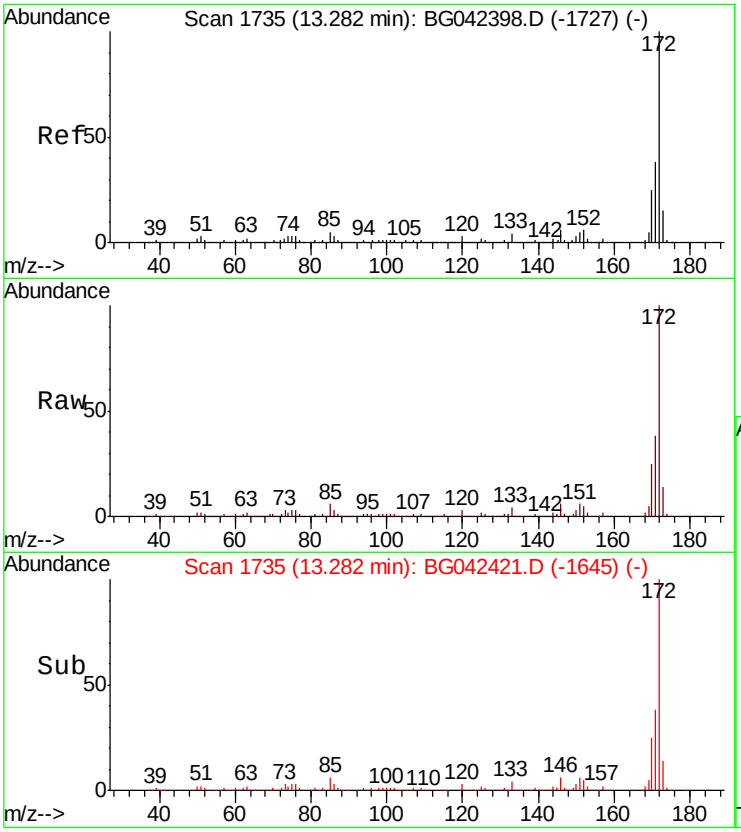


#42
2,4,6-Tribromophenol
Concen: 80.435 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Tgt Ion:330 Resp: 183632

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	29.4	21.4	32.0



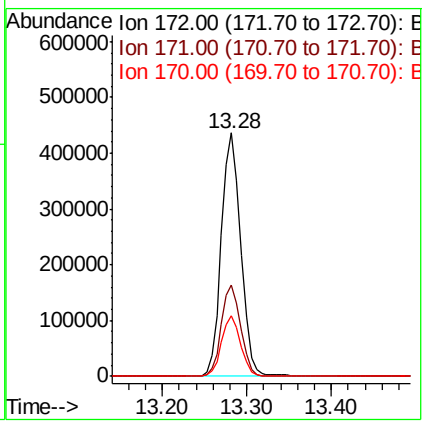


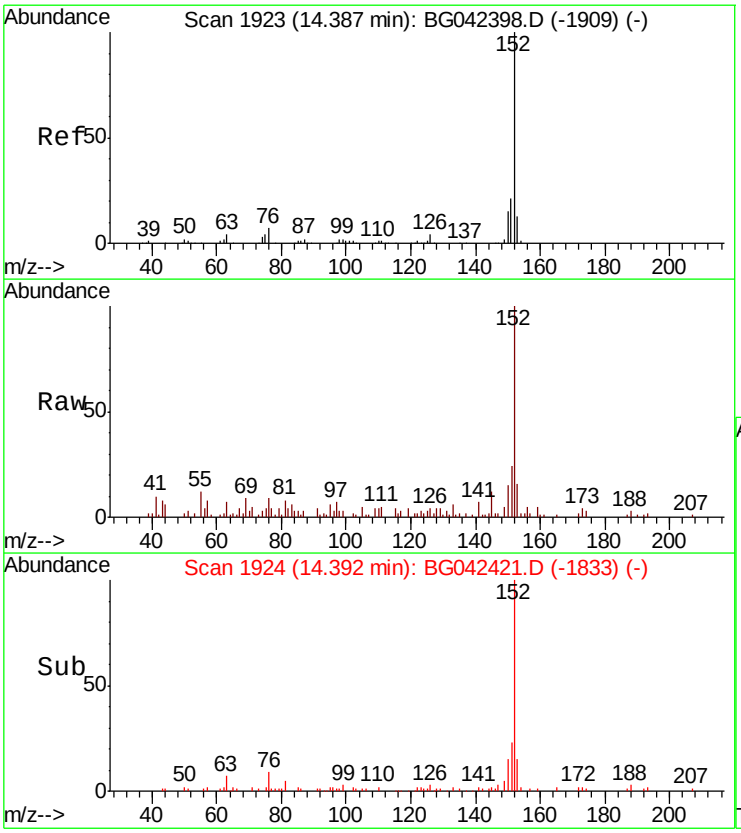
#45
2-Fluorobiphenyl
Concen: 73.309 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 696220

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.5	45.7
170	25.0	20.2	30.2

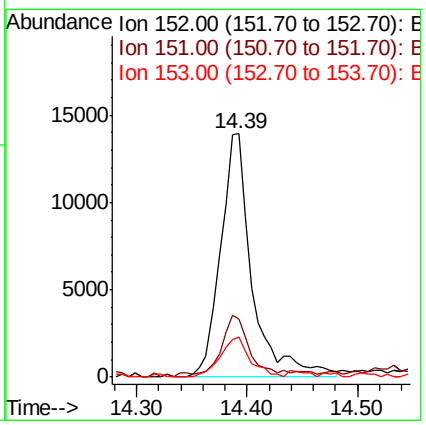


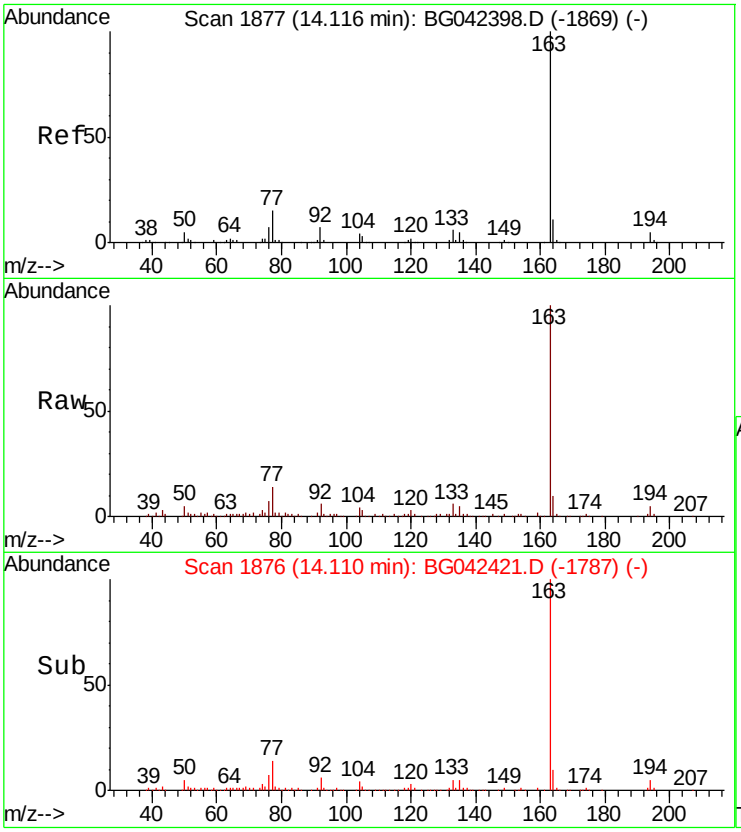


#49
Acenaphthylene
Concen: 2.070 ng
RT: 14.39 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Tgt Ion:152 Resp: 27880

Ion	Ratio	Lower	Upper
152	100		
151	23.8	17.0	25.4
153	16.4	10.6	16.0#



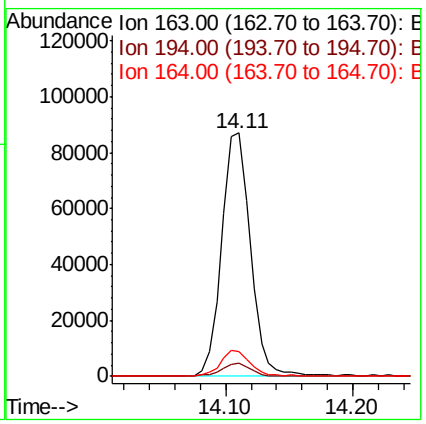


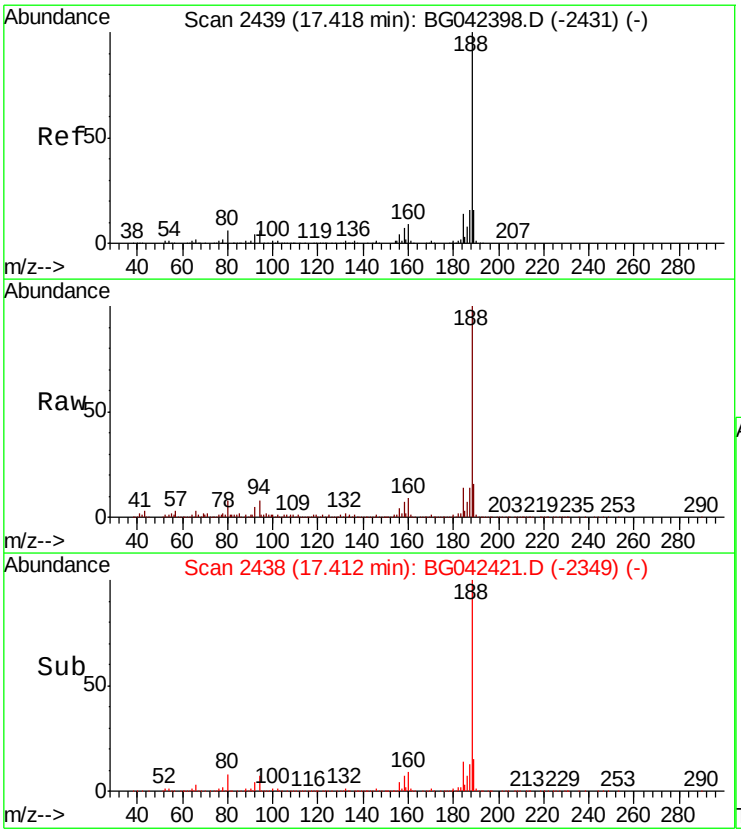
#50
Dimethylphthalate
Concen: 11.814 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 136919

Ion	Ratio	Lower	Upper
163	100		
194	5.4	4.2	6.2
164	10.3	8.8	13.2

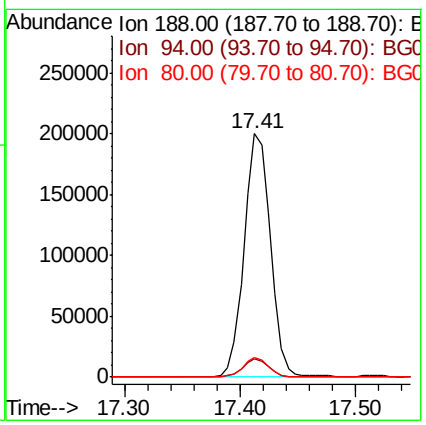


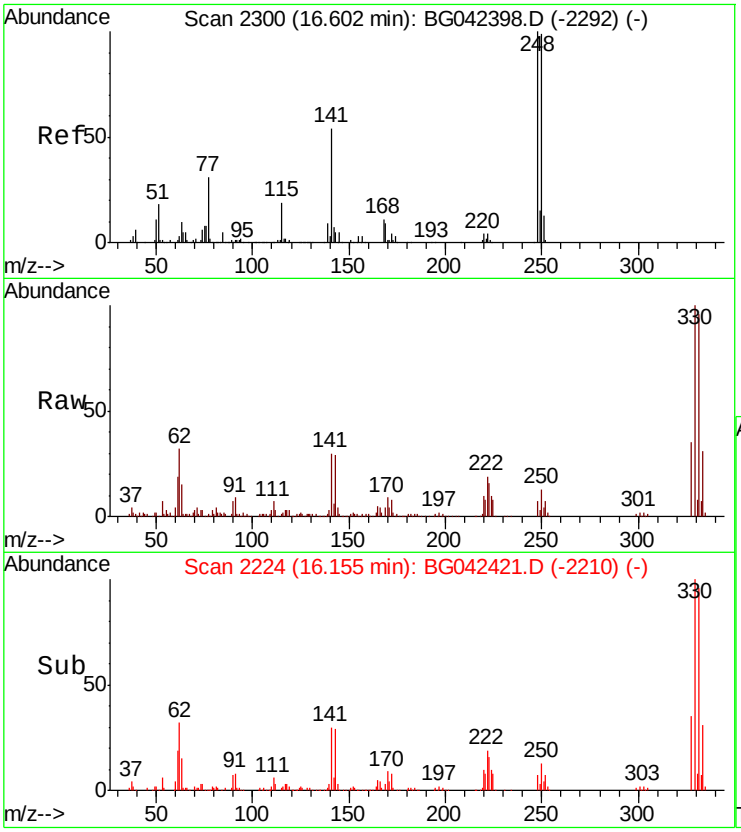


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Tgt Ion:188 Resp: 317744

Ion	Ratio	Lower	Upper
188	100		
94	7.5	4.5	6.7#
80	8.0	4.9	7.3#



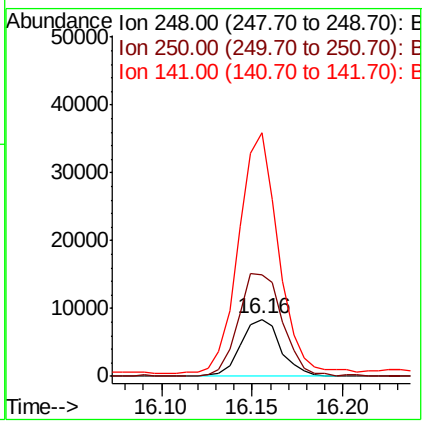


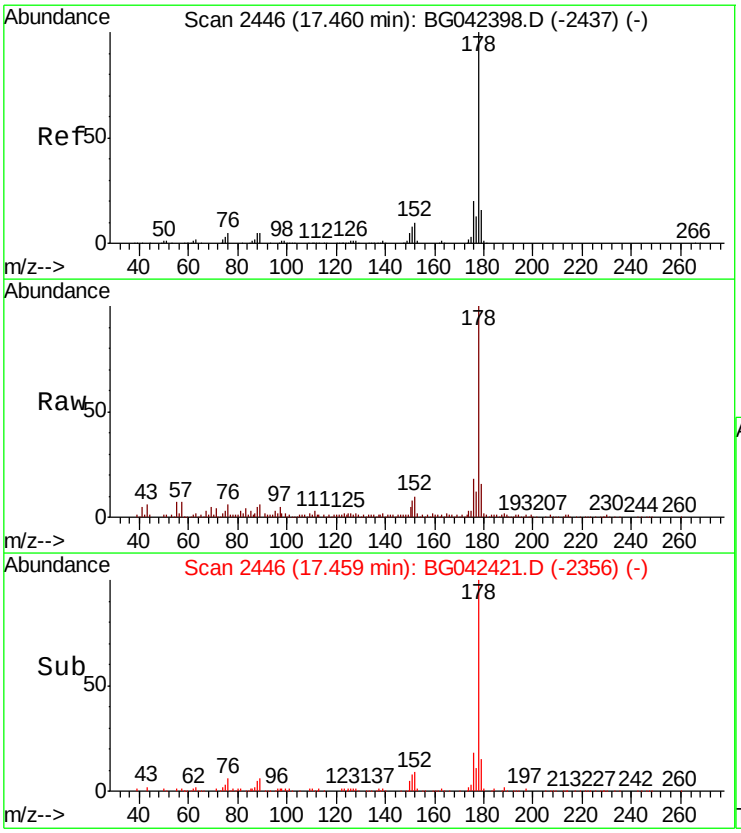
#67
4-Bromophenyl-phenylether
Concen: 3.186 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.45 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 12840

Ion	Ratio	Lower	Upper
248	100		
250	179.3	78.9	118.3#
141	428.7	43.3	64.9#

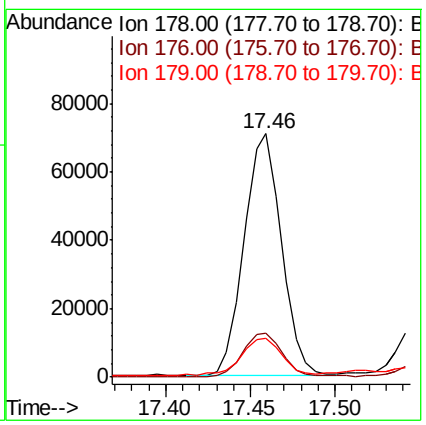


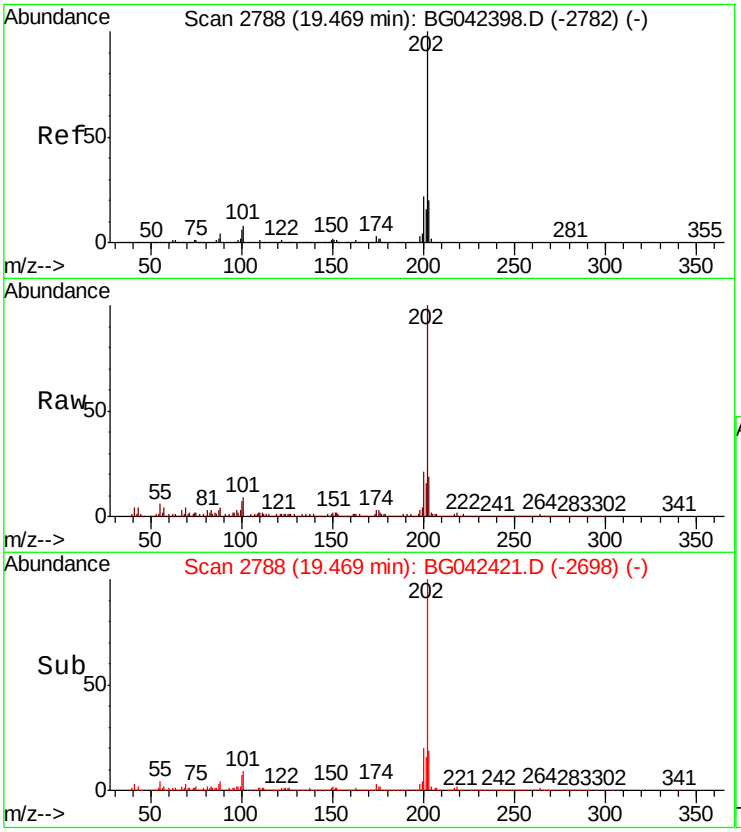


#71
Phenanthrene
Concen: 6.911 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Tgt Ion:178 Resp: 109081

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.9	23.9
179	16.0	12.7	19.1



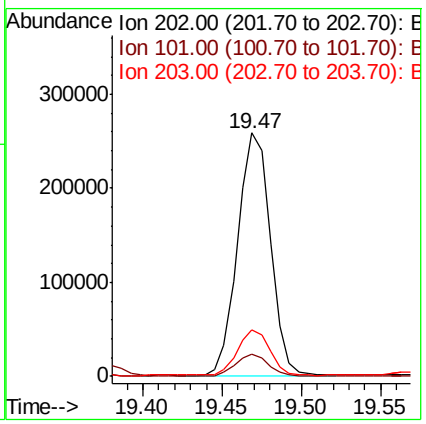


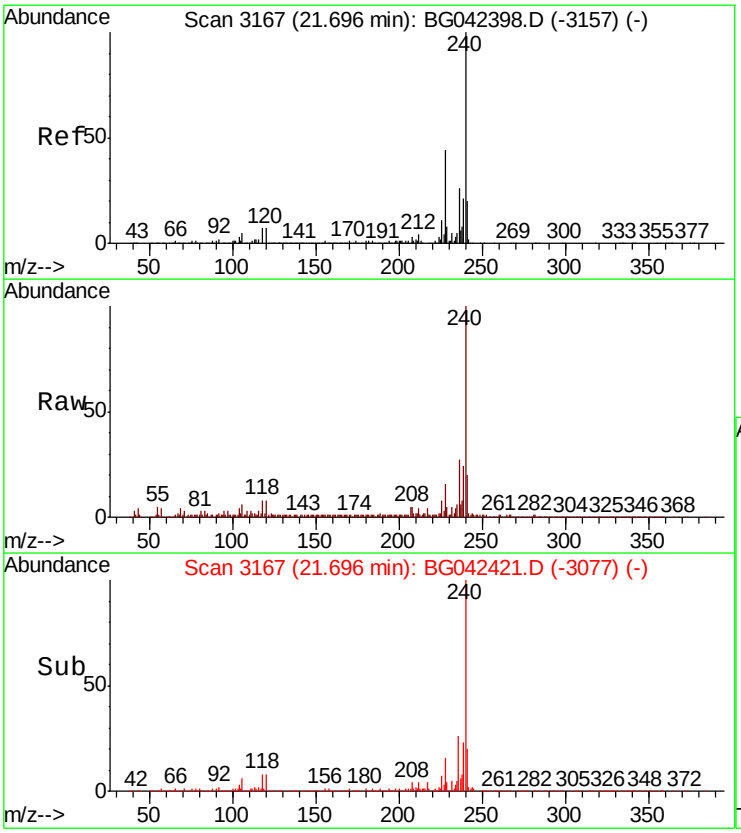
#75
Fluoranthene
Concen: 19.269 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.00 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 371156

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.3
203	19.1	0.0	39.6

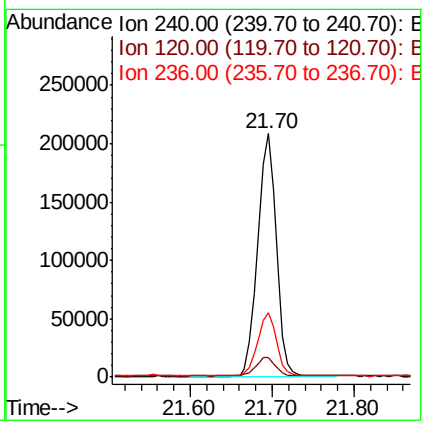


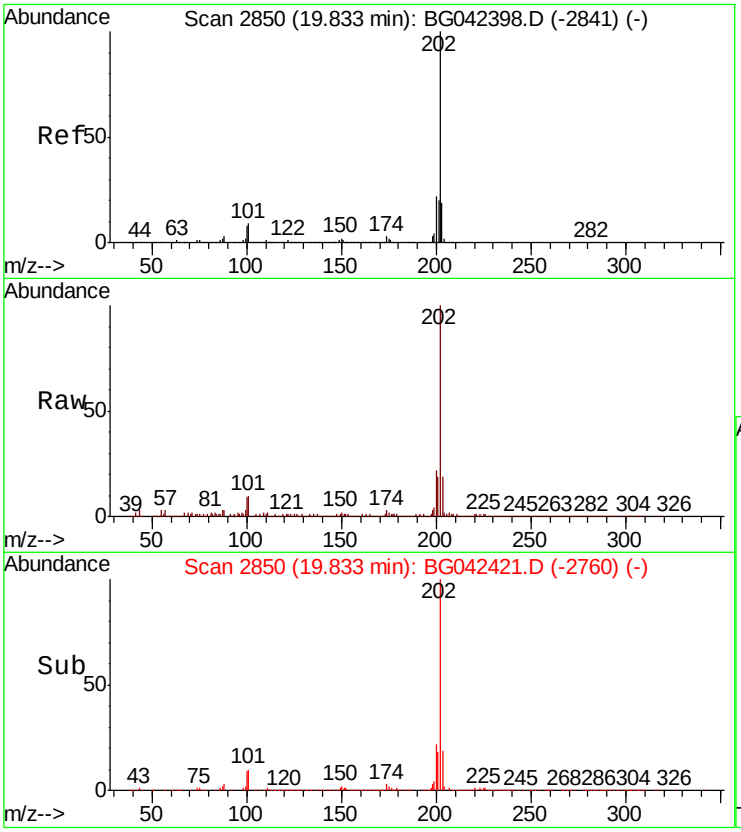


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Tgt Ion:240 Resp: 329655

Ion	Ratio	Lower	Upper
240	100		
120	8.3	5.7	8.5
236	26.5	21.0	31.4



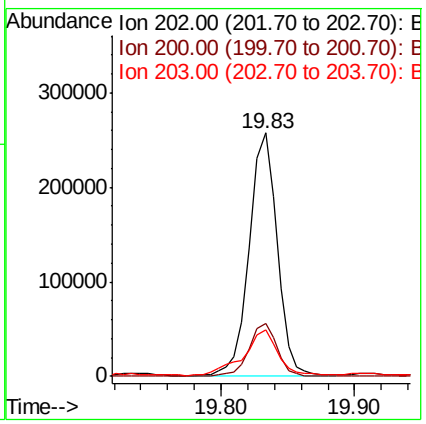


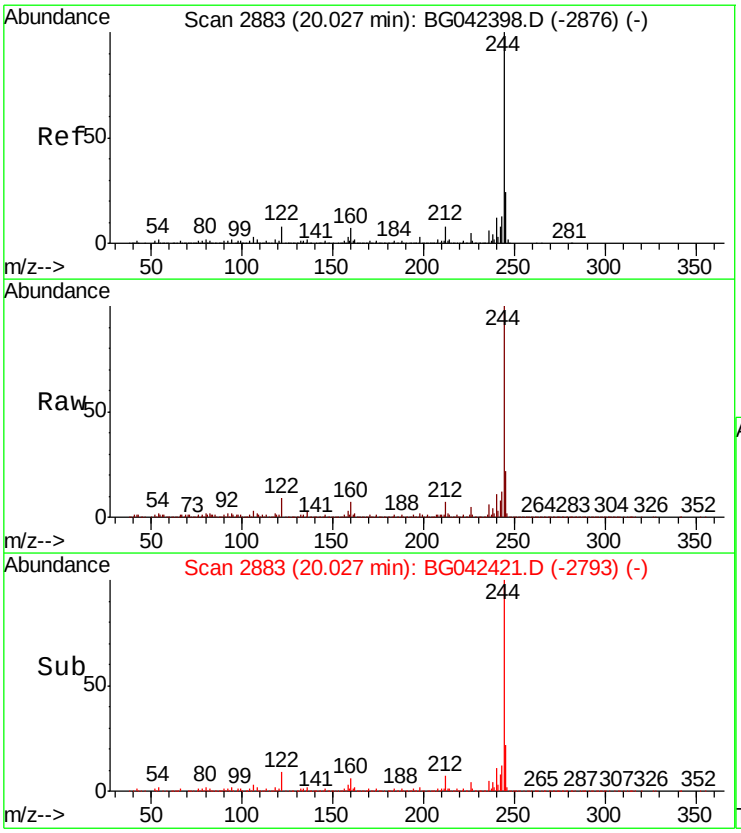
#78
Pyrene
Concen: 18.185 ng
RT: 19.83 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 367533

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.8	26.6
203	19.0	15.5	23.3

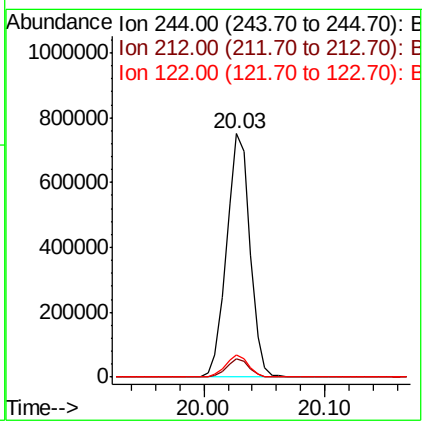


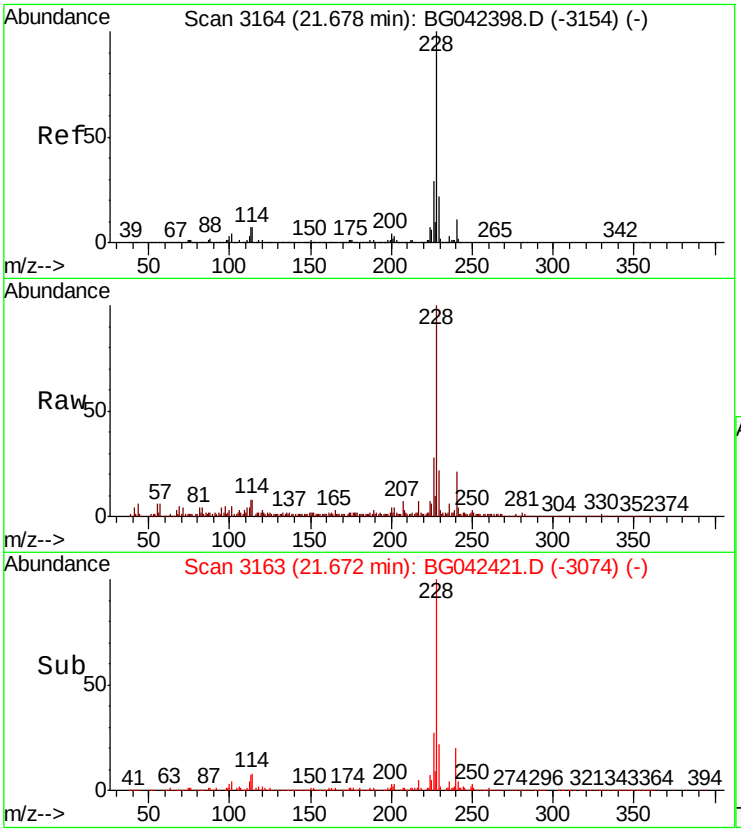


#79
Terphenyl-d14
Concen: 66.085 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Tgt Ion:244 Resp: 1007682

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	9.4	6.7	10.1



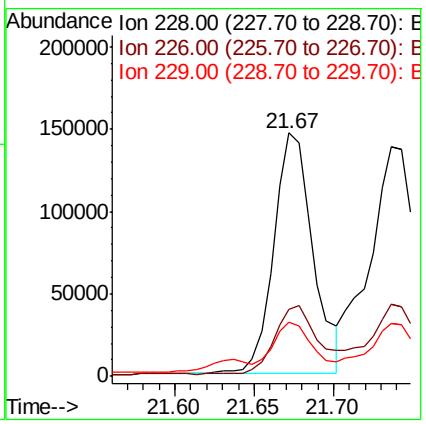


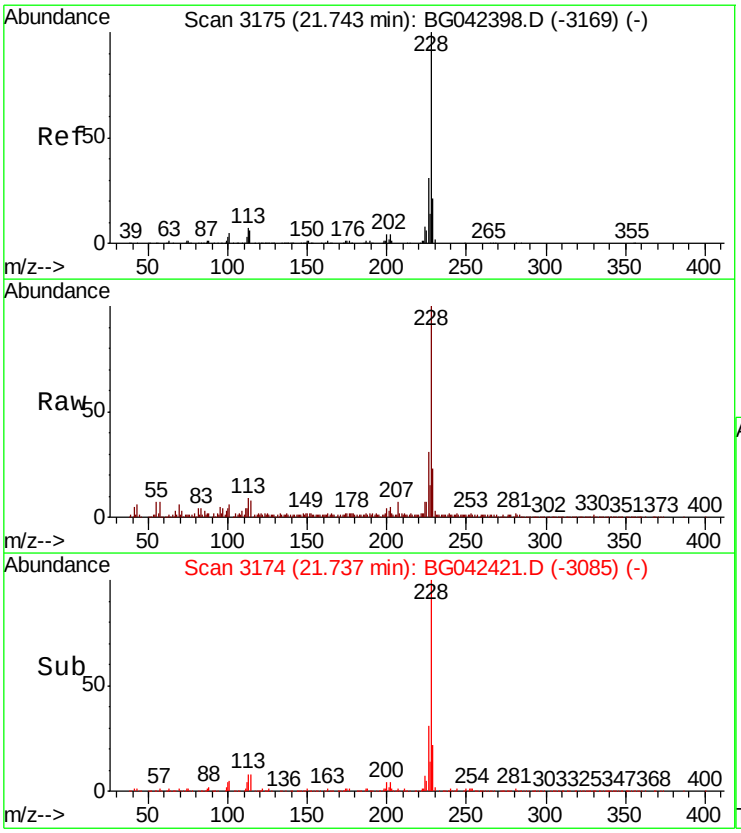
#81
Benzo(a)anthracene
Concen: 12.535 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 251374

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.4	35.2
229	22.3	17.4	26.2

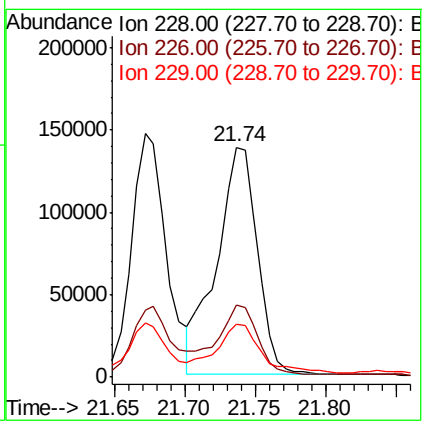


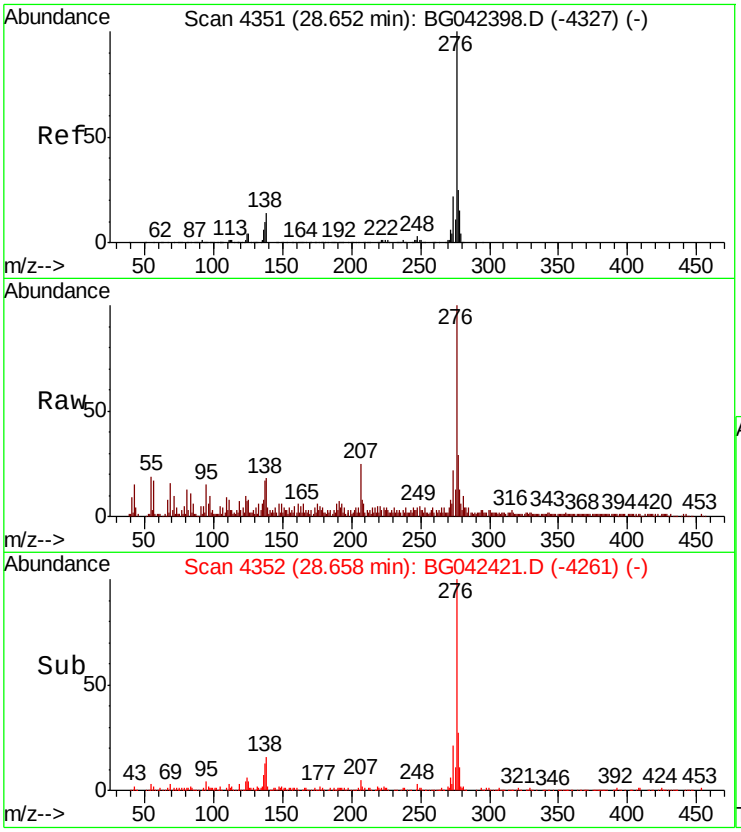


#83
Chrysene
Concen: 14.399 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Tgt Ion:228 Resp: 278473

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	23.0	16.9	25.3



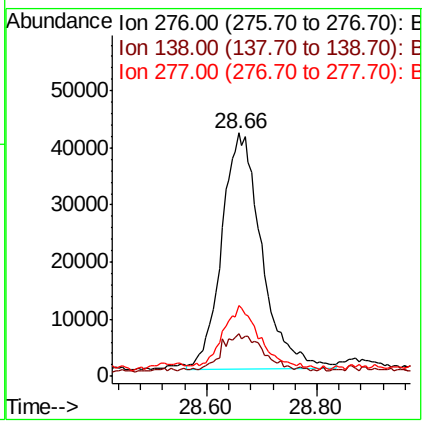


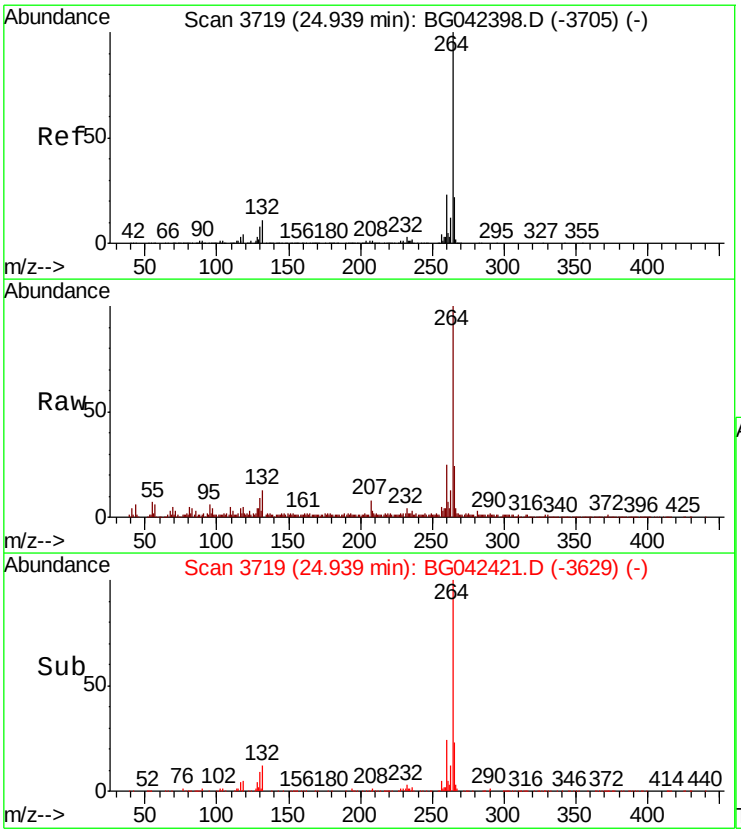
#86
Indeno(1,2,3-cd)pyrene
Concen: 7.916 ng
RT: 28.66 min Scan# 4352
Delta R.T. 0.01 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 208060

Ion	Ratio	Lower	Upper
276	100		
138	15.4	9.2	13.8#
277	25.1	21.0	31.6

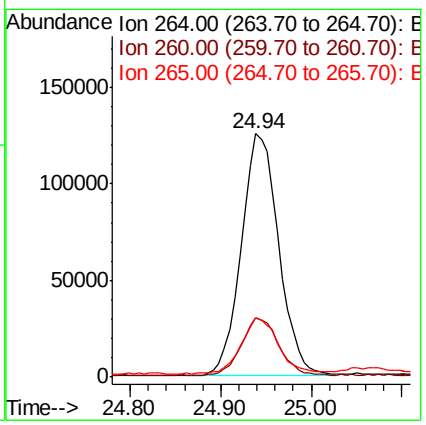


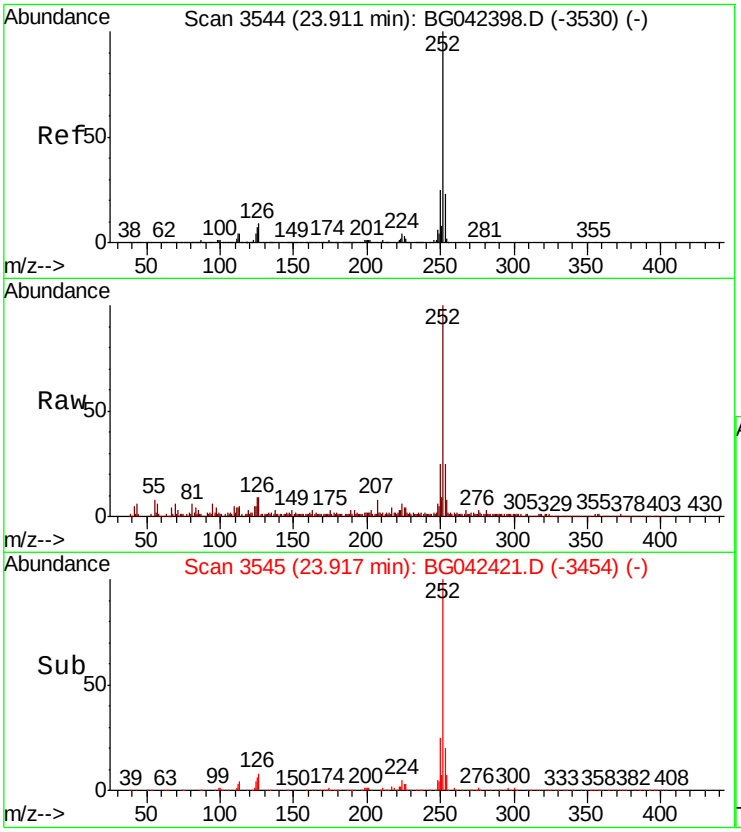


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.00 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Tgt Ion:264 Resp: 358528

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.5	27.7
265	24.2	17.6	26.4



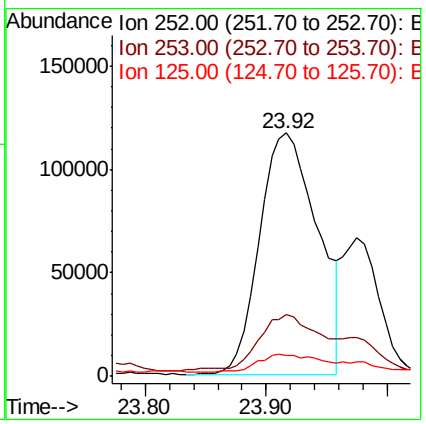


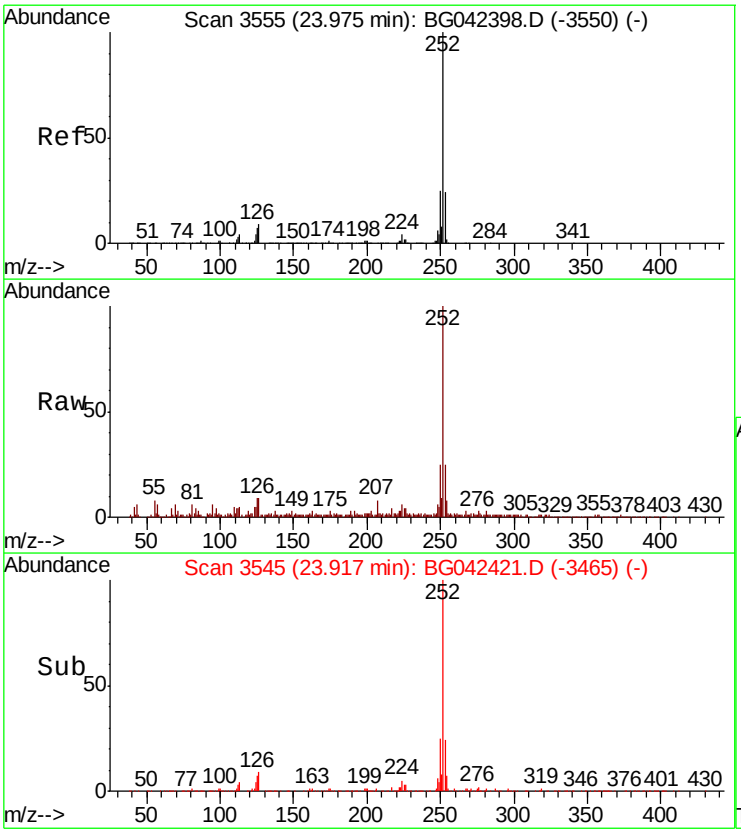
#88
Benzo(b)fluoranthene
Concen: 19.731 ng
RT: 23.92 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 388913

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.6	27.8
125	8.7	5.6	8.4#

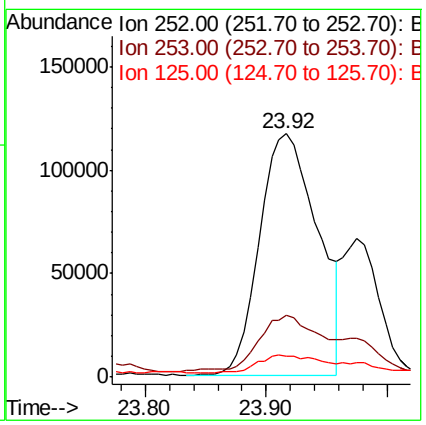


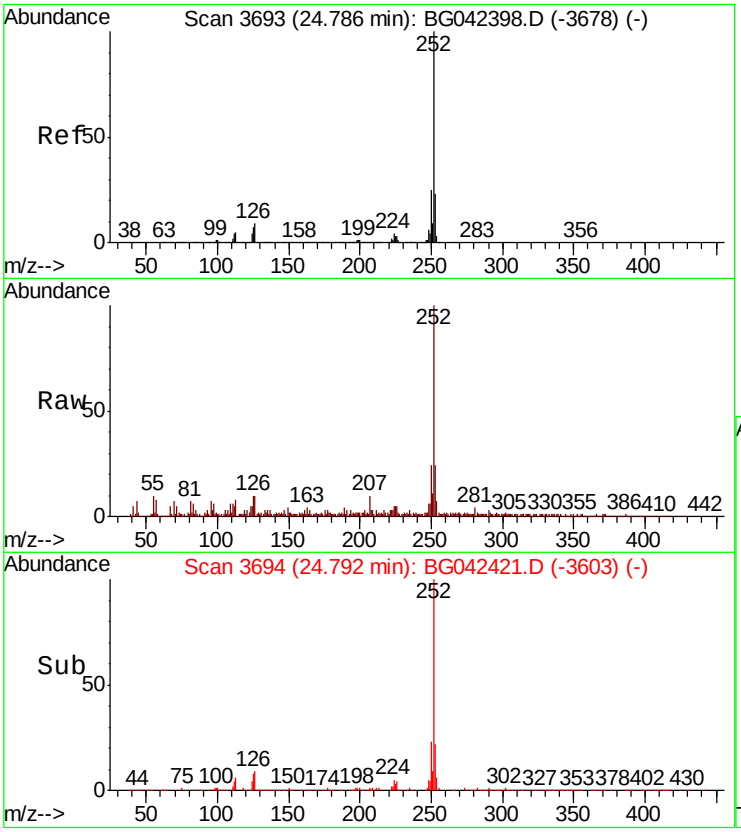


#89
Benzo(k)fluoranthene
Concen: 20.527 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.06 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Tgt Ion:252 Resp: 388913

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.6	27.8
125	8.7	5.8	8.6#



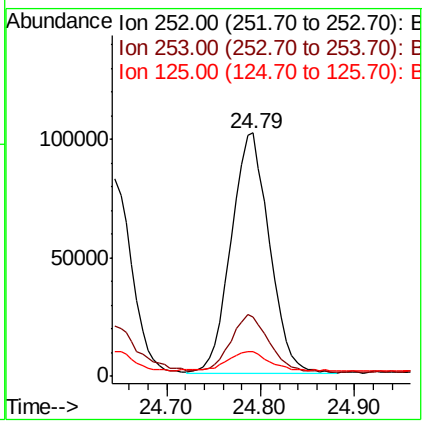


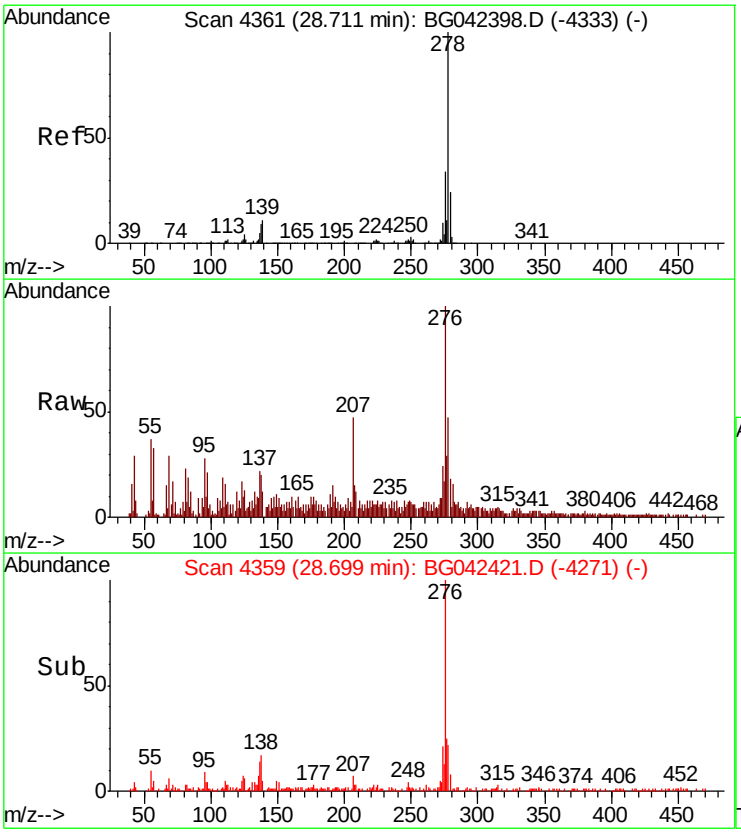
#90
Benzo(a)pyrene
Concen: 15.287 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.01 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 285920

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.4	27.6
125	10.2	6.0	9.0#

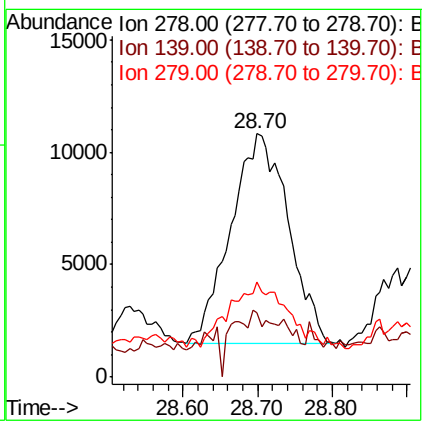


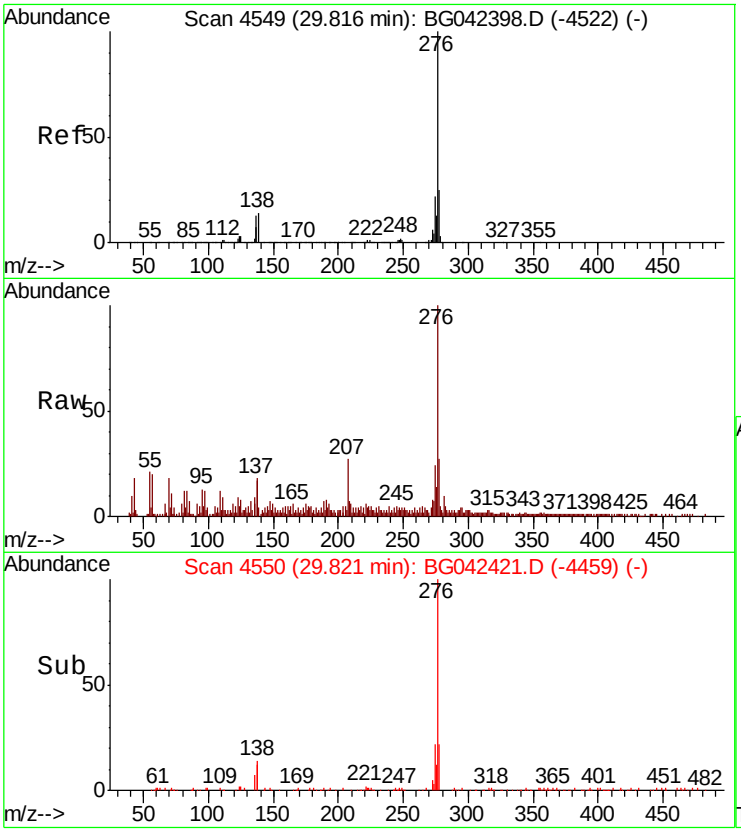


#91
Dibenzo(a,h)anthracene
Concen: 2.639 ng
RT: 28.70 min Scan# 4359
Delta R.T. -0.01 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Tgt Ion:278 Resp: 49973

Ion	Ratio	Lower	Upper
278	100		
139	26.3	8.8	13.2#
279	38.9	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 9.370 ng
RT: 29.82 min Scan# 4550
Delta R.T. 0.01 min
Lab File: BG042421.D
Acq: 23 Aug 2019 3:58

Tgt Ion:276 Resp: 177480

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.8	29.8
138	16.9	11.4	17.0

Instrument :
BNA_G
ClientSampleId :