Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047337.D
Acq On : 16 Nov 2020 19:39
Operator : CG/JU
Sample : L4762-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC9

Quant Time: Nov 17 01:27:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	62145	20.00	ng/ul	0.01
18) Naphthalene-d8	10.83	136	233482	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.66	164	141172	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.41	188	285608	20.00	ng/ul	0.02
78) Chrysene-d12	21.69	240	324711	20.00	ng/ul	0.04
86) Perylene-d12	24.89	264	1315	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	4458	2.89	ng/uL	0.01
5) Phenol-d5	7.19	99	118556	21.98	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.34	67	68932	22.22	ng/ul	0.02
9) 2-Chlorophenol-d4	7.55	132	96925	23.11	ng/ul	0.02
13) 4-Methylphenol-d8	8.73	113	99985	23.23	ng/ul	0.02
19) Nitrobenzene-d5	9.19	128	46943	23.99	ng/ul	0.02
22) 2-Nitrophenol-d4	9.91	143	34308	15.01	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.46	165	107612	24.12	ng/ul	0.02
29) 4-Chloroaniline-d4	10.97	131	93296	24.53	ng/ul	0.02
44) Dimethylphthalate-d6	14.06	166	269065	23.18	ng/ul	0.01
47) Acenaphthylene-d8	14.36	160	342511	24.94	ng/ul	0.02
52) 4-Nitrophenol-d4	14.88	143	39204	21.46	ng/ul	0.04
58) Fluorene-d10	15.65	176	239245	22.20	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.78	200	223	0.11	ng/ul	0.02
71) Anthracene-d10	17.51	188	352634	25.47	ng/ul	0.02
79) Pyrene-d10	19.80	212	418026	22.57	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.66	264	1612	22.30	ng/ul	0.02
Target Compounds						Qvalue
14) Acetophenone	8.82	105	6943	1.056	ng/ul#	36
17) Hexachloroethane	9.13	117	2453	1.277	ng/ul#	6
28) Naphthalene	10.88	128	42703	3.256	ng/ul#	93
34) 2-Methylnaphthalene	12.49	142	108913	11.638	ng/ul	99
35) 1-Methylnaphthalene	12.71	142	69747	6.361	ng/uL#	98
41) 1,1'-Biphenyl	13.49	154	20685	1.857	ng/ul	93
45) Dimethylphthalate	14.10	163	103054	8.847	ng/ul	97
48) Acenaphthylene	14.39	152	14796	1.152	ng/ul#	47
49) 3-Nitroaniline	14.56	138	2461	1.494	ng/ul#	39
50) Acenaphthene	14.72	153	19201	2.066	ng/ul#	80
53) 4-Nitrophenol	14.88	109	2251	1.205	ng/ul#	57
59) Fluorene	15.71	166	24667	2.222	ng/ul#	76
65) N-Nitrosodiphenylamine	15.92	169	184129	22.306	ng/ul#	38
70) Phenanthrene	17.45	178	405734	25.329	ng/ul#	96
72) Anthracene	17.54	178	54602	3.392	ng/ul#	71
77) Fluoranthene	19.47	202	736461	38.198	ng/ul	99
80) Pyrene	19.83	202	1117674	50.299	ng/ul	96
83) Benzo(a)anthracene	21.67	228	590311	26.835	ng/ul#	85
84) Bis(2-ethylhexyl)phthalate	21.56	149	18533	1.637	ng/ul#	3
85) Chrysene	21.74	228	671263	31.718	ng/ul#	89
87) Di-n-octyl phthalate	22.77	149	2410	32.739	ng/ul	100
88) Benzo(b)fluoranthene	23.85	252	1418	16.233	ng/ul#	1
89) Benzo(k)fluoranthene	23.93	252	798154	9429.536	ng/ul#	89

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047337.D
Acq On : 16 Nov 2020 19:39
Operator : CG/JU
Sample : L4762-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC9

Quant Time: Nov 17 01:27:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a)pyrene	24.81	252	532759	6772.936	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	28.55	276	1752	17.922	ng/ul#	1
93) Dibenzo(a,h)anthracene	28.60	278	417	5.259	ng/ul#	1
94) Benzo(g,h,i)perylene	29.68	276	2390	29.253	ng/ul#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
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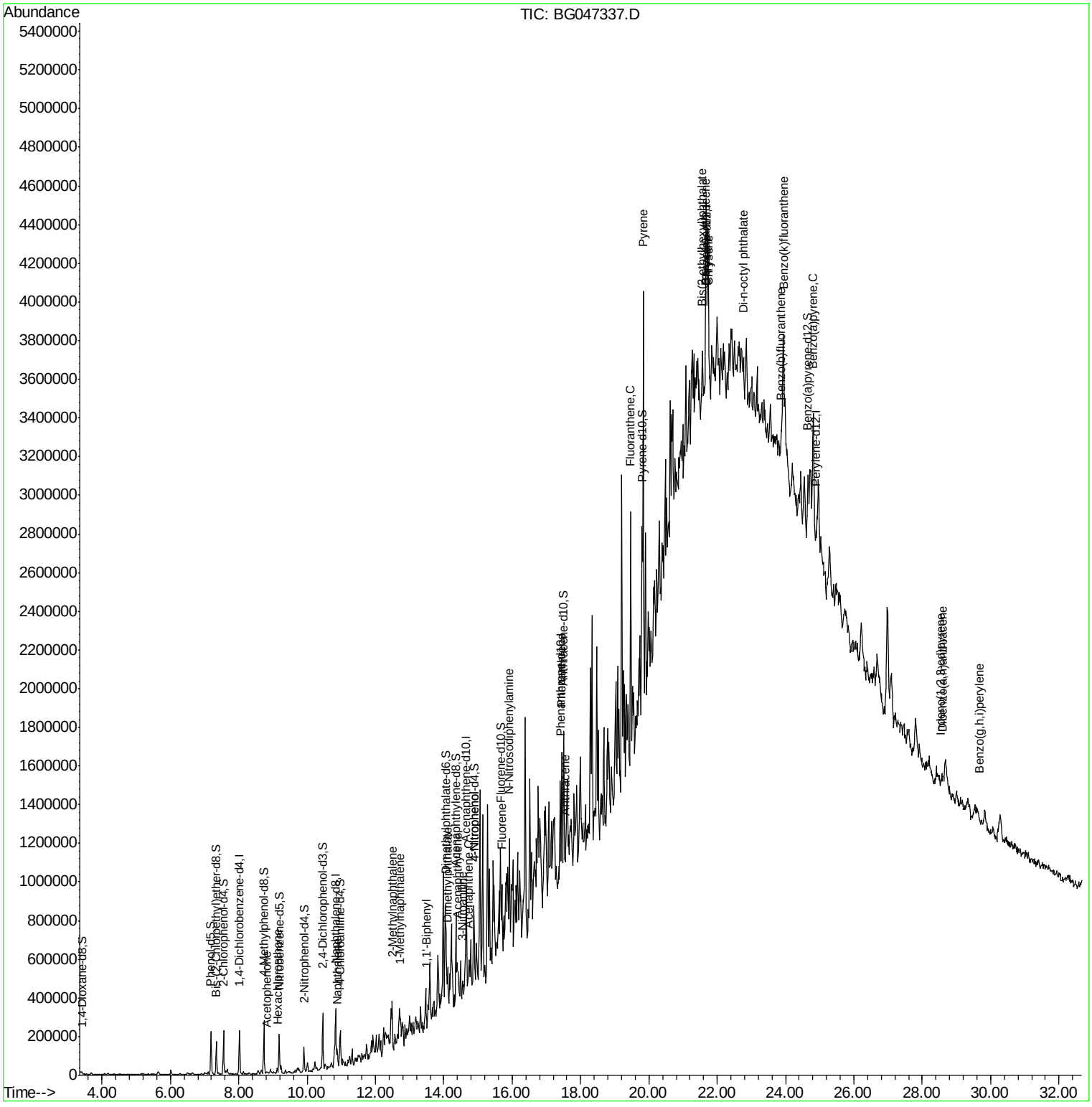
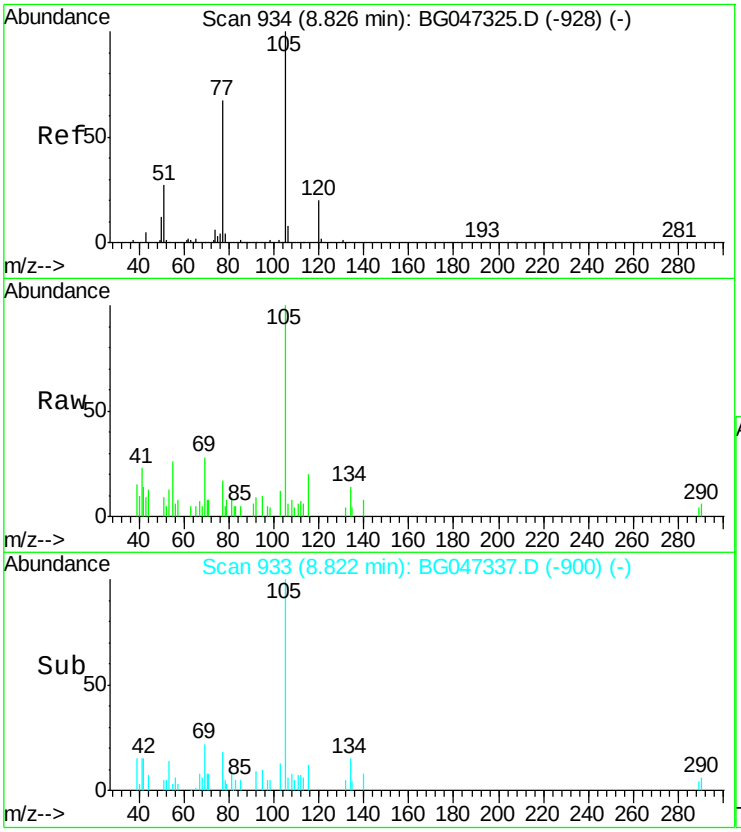
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration



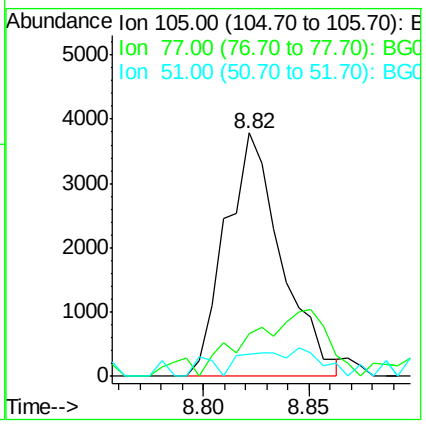


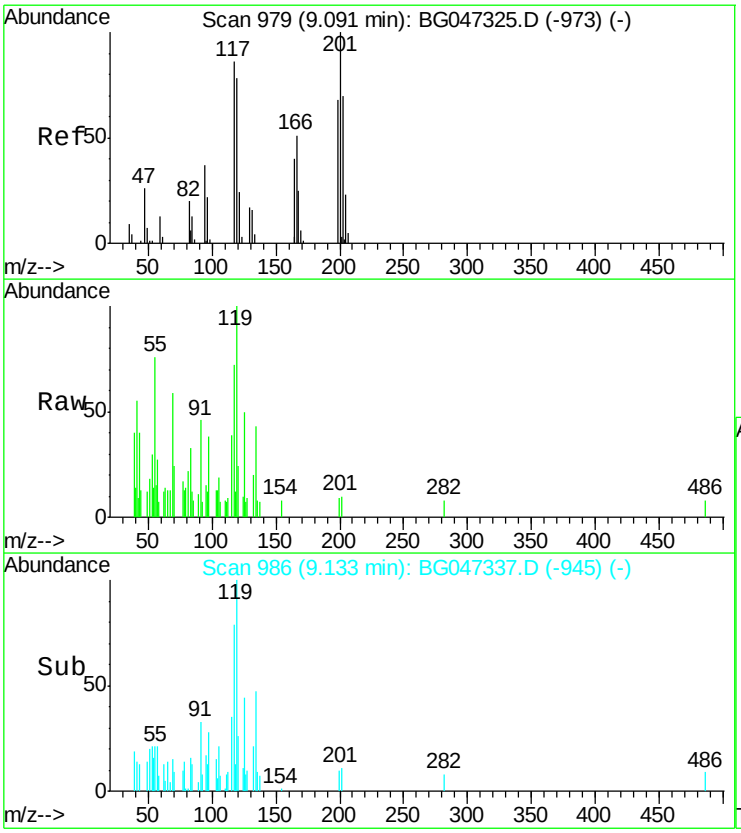
#14
Acetophenone
Concen: 1.056 ng/ul
RT: 8.82 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Instrument :
BNA_G
ClientSampleId :
C0AC9

Tgt Ion:105 Resp: 6943

Ion	Ratio	Lower	Upper
105	100		
77	17.5	66.9	100.3#
51	9.0	24.9	37.3#

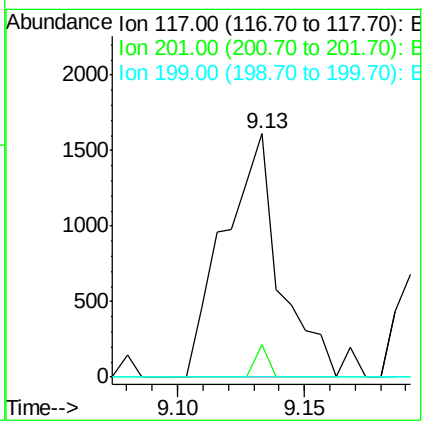


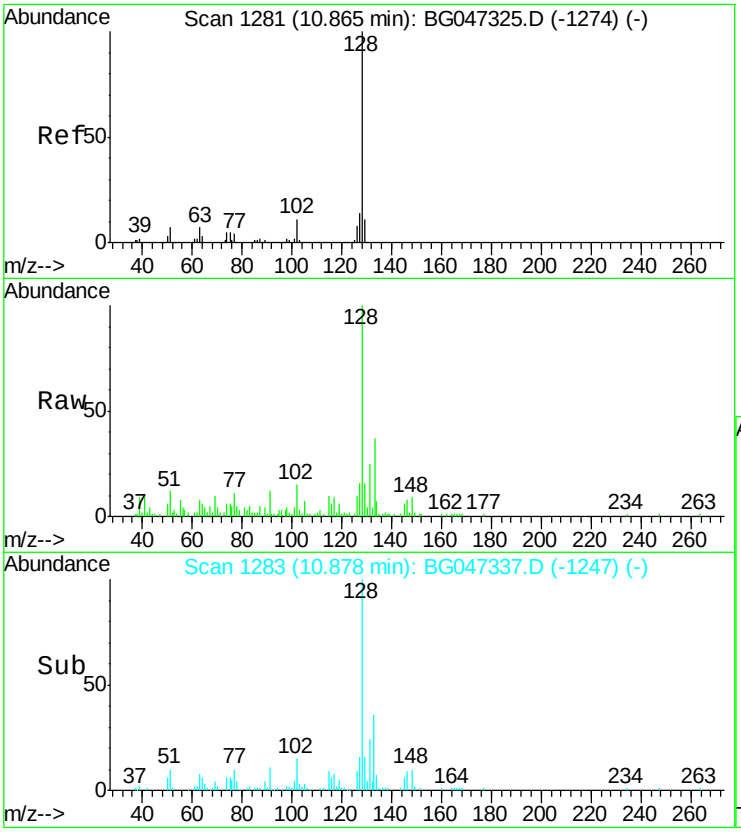


#17
Hexachloroethane
Concen: 1.277 ng/ul
RT: 9.13 min Scan# 986
Delta R.T. 0.04 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Tgt Ion:117 Resp: 2453

Ion	Ratio	Lower	Upper
117	100		
201	13.3	96.5	144.7#
199	0.0	62.4	93.6#



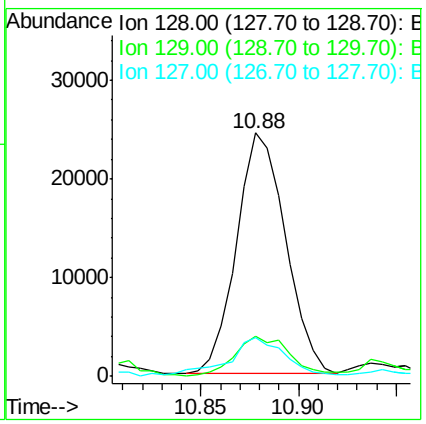


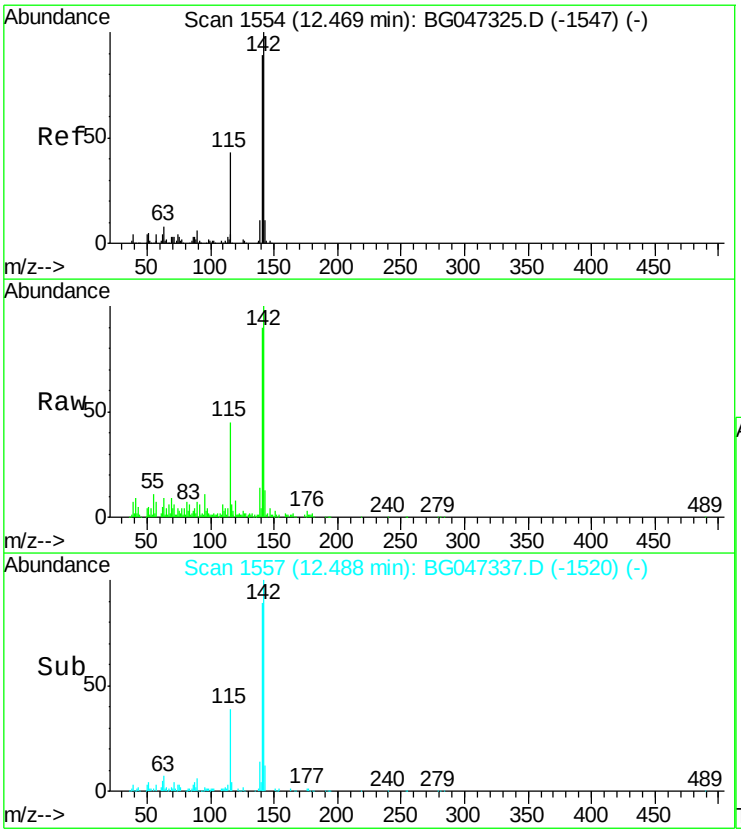
#28
Naphthalene
Concen: 3.256 ng/ul
RT: 10.88 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Instrument :
BNA_G
ClientSampleId :
C0AC9

Tgt Ion:128 Resp: 42703

Ion	Ratio	Lower	Upper
128	100		
129	16.3	9.4	14.2#
127	15.7	11.5	17.3

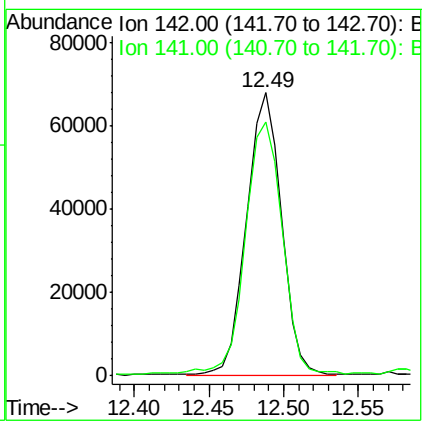


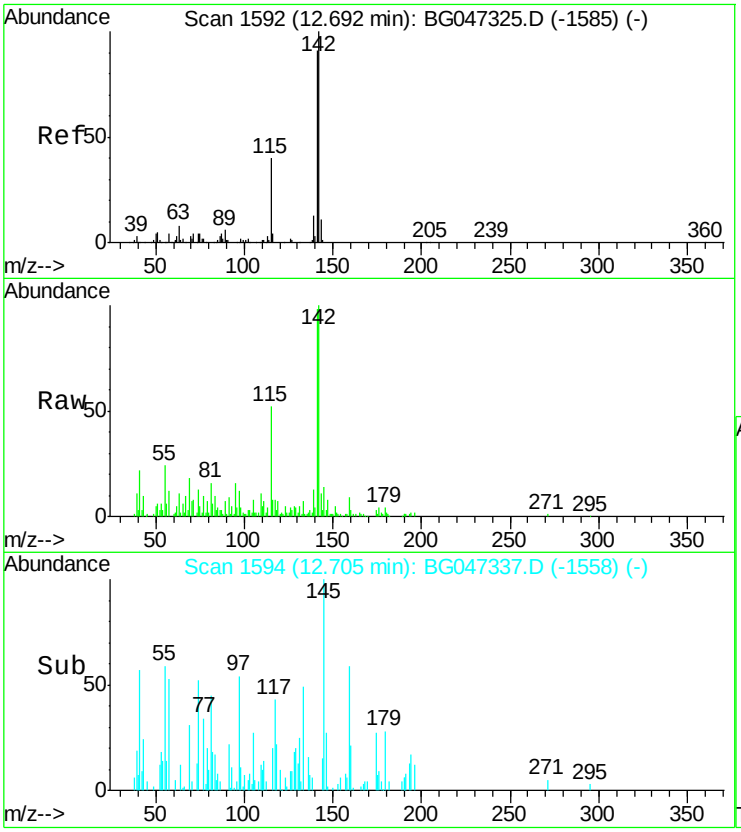


#34
2-Methylnaphthalene
Concen: 11.638 ng/ul
RT: 12.49 min Scan# 1557
Delta R.T. 0.02 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Tgt Ion:142 Resp: 108913

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.4	108.6



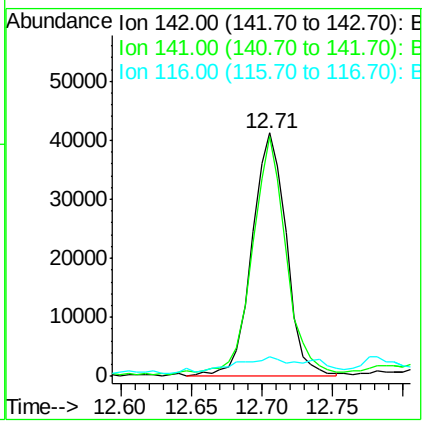


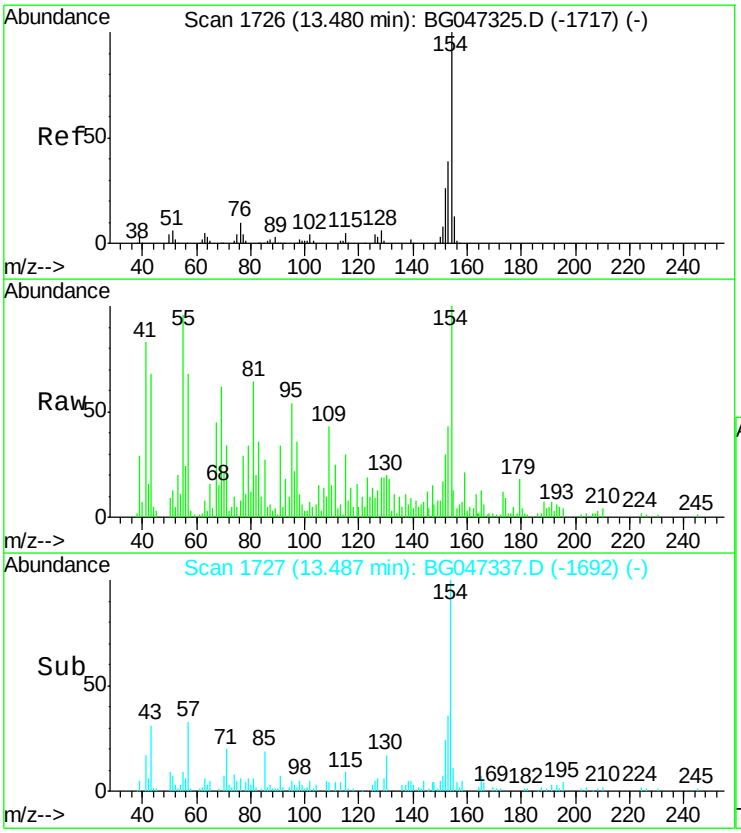
#35
1-Methylnaphthalene
Concen: 6.361 ng/uL
RT: 12.71 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Instrument :
BNA_G
ClientSampleId :
C0AC9

Tgt Ion:142 Resp: 69747

Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.9	110.9
116	6.7	3.6	5.4#

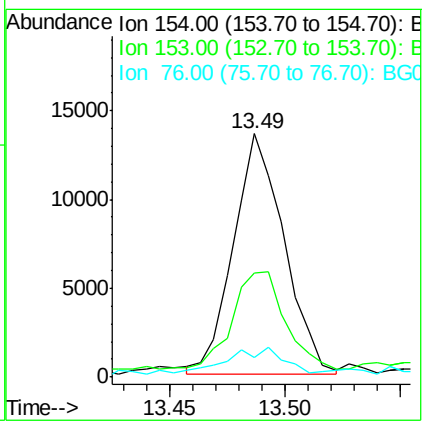


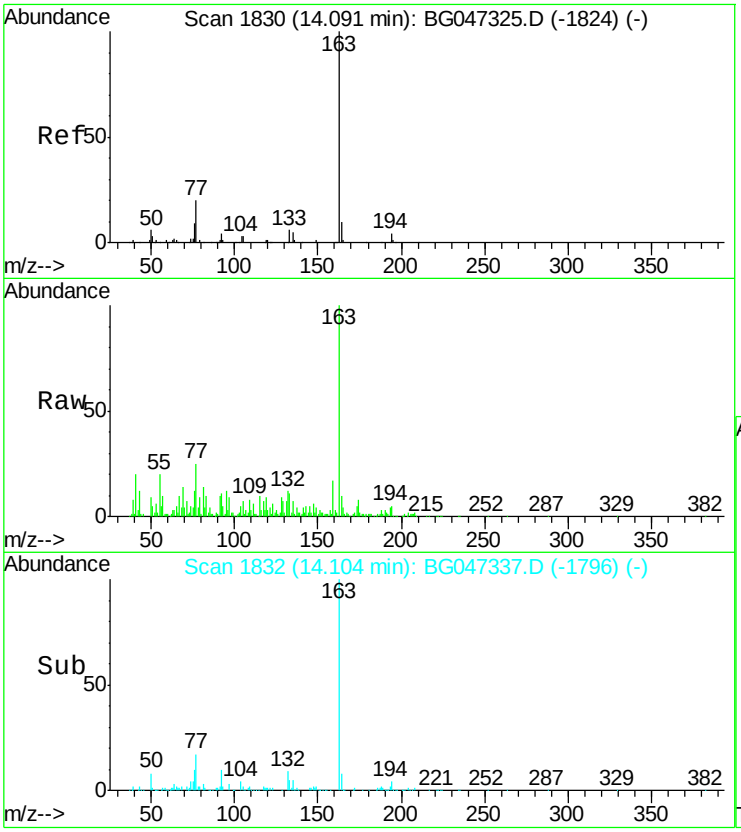


#41
1,1'-Biphenyl
Concen: 1.857 ng/ul
RT: 13.49 min Scan# 1727
Delta R.T. 0.01 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Tgt Ion:154 Resp: 20685

Ion	Ratio	Lower	Upper
154	100		
153	42.5	30.2	45.4
76	8.2	7.8	11.6



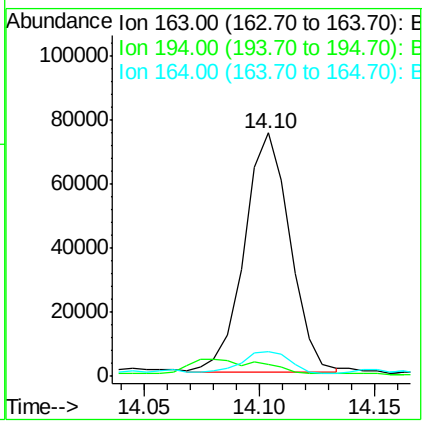


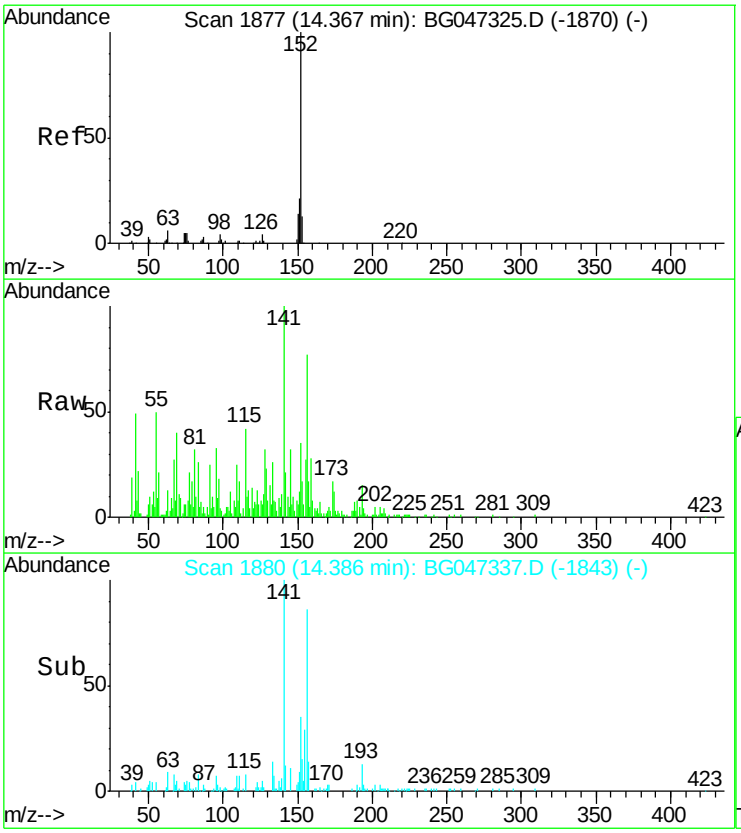
#45
Dimethylphthalate
Concen: 8.847 ng/ul
RT: 14.10 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Instrument :
BNA_G
ClientSampleId :
C0AC9

Tgt Ion:163 Resp: 103054

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.0
164	10.2	7.2	10.8

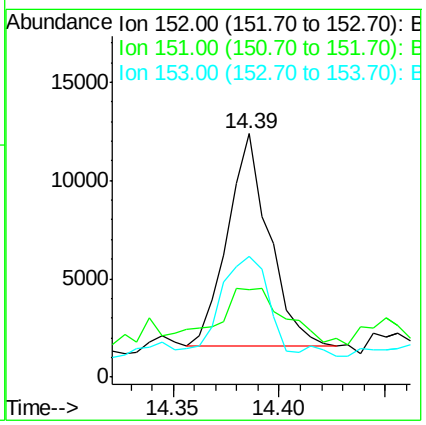


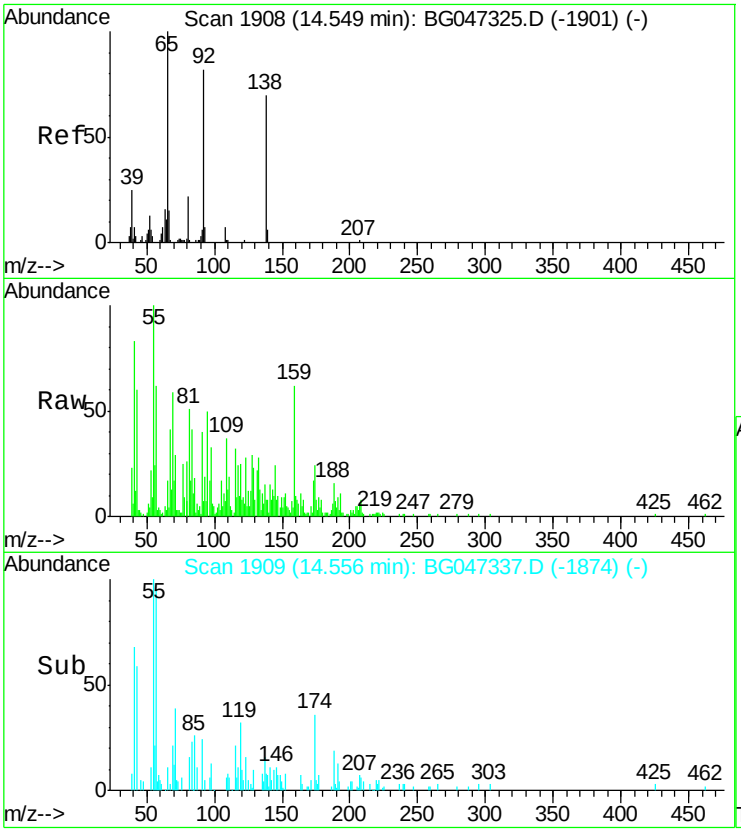


#48
Acenaphthylene
Concen: 1.152 ng/ul
RT: 14.39 min Scan# 1880
Delta R.T. 0.02 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Tgt Ion:152 Resp: 14796

Ion	Ratio	Lower	Upper
152	100		
151	35.7	17.4	26.2#
153	49.6	10.2	15.4#



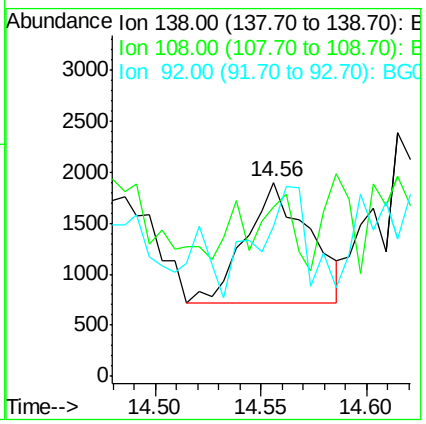


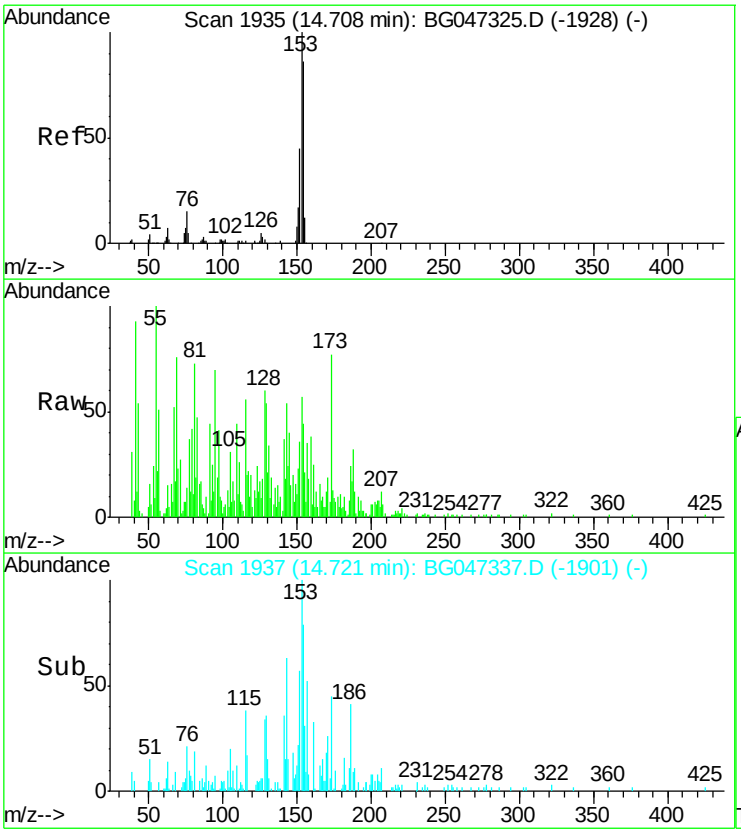
#49
3-Nitroaniline
Concen: 1.494 ng/ul
RT: 14.56 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Instrument :
BNA_G
ClientSampleId :
C0AC9

Tgt Ion:138 Resp: 2461

Ion	Ratio	Lower	Upper
138	100		
108	87.4	8.8	13.2#
92	77.8	110.8	166.2#

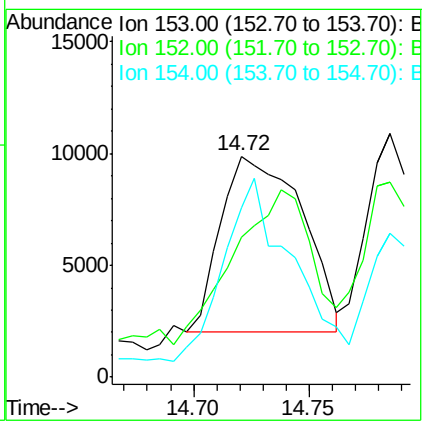


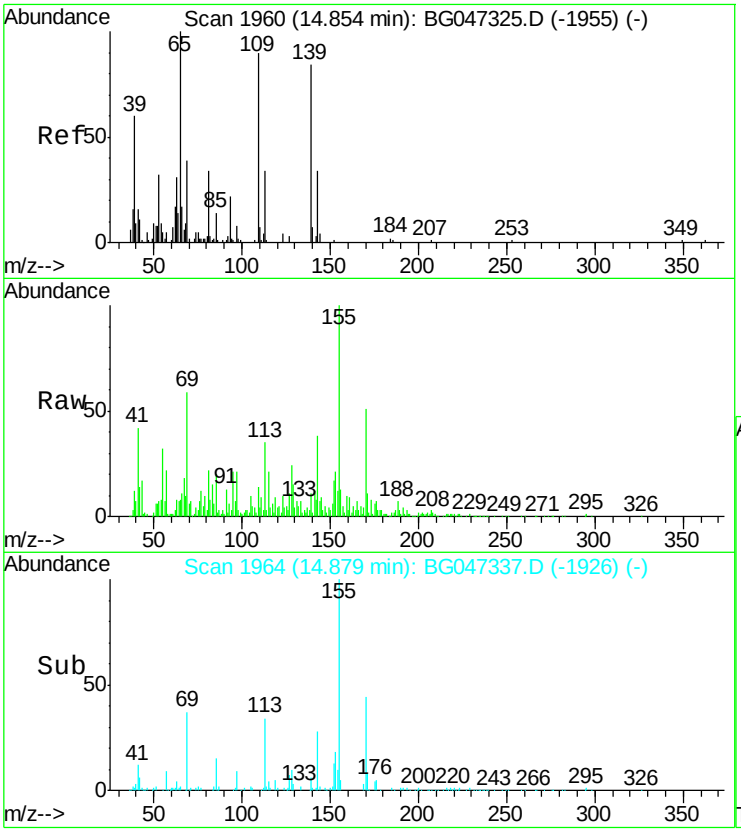


#50
Acenaphthene
Concen: 2.066 ng/ul
RT: 14.72 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Tgt Ion:153 Resp: 19201

Ion	Ratio	Lower	Upper
153	100		
152	63.5	37.0	55.4#
154	76.7	74.0	111.0



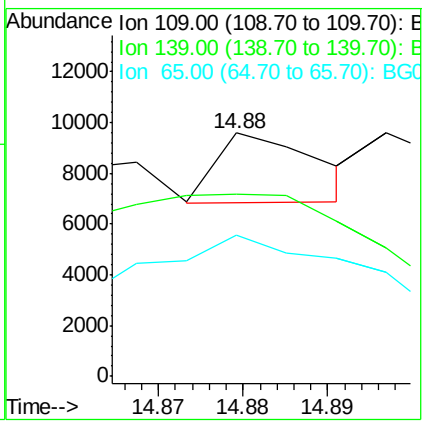


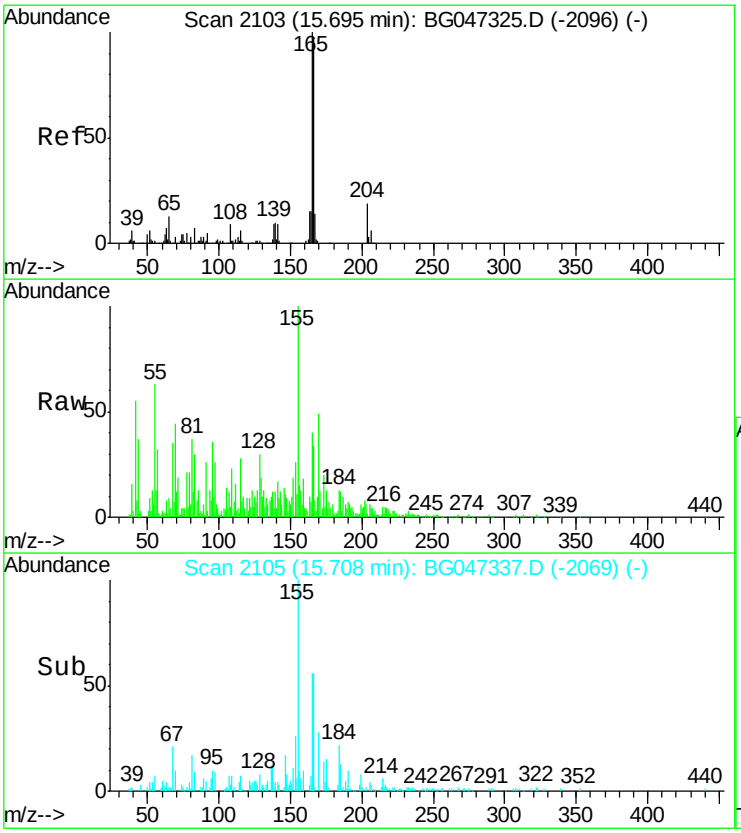
#53
4-Nitrophenol
Concen: 1.205 ng/ul
RT: 14.88 min Scan# 1964
Delta R.T. 0.02 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Instrument :
BNA_G
ClientSampleId :
C0AC9

Tgt Ion:109 Resp: 2251

Ion	Ratio	Lower	Upper
109	100		
139	75.1	82.2	123.2#
65	57.8	96.4	144.6#

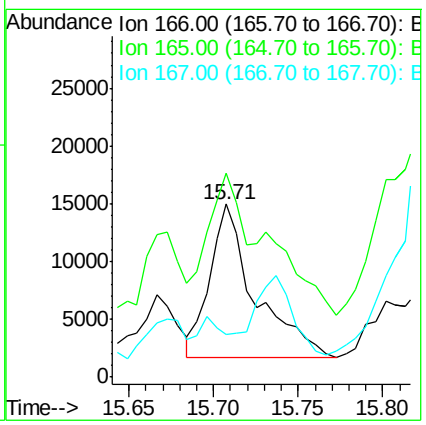


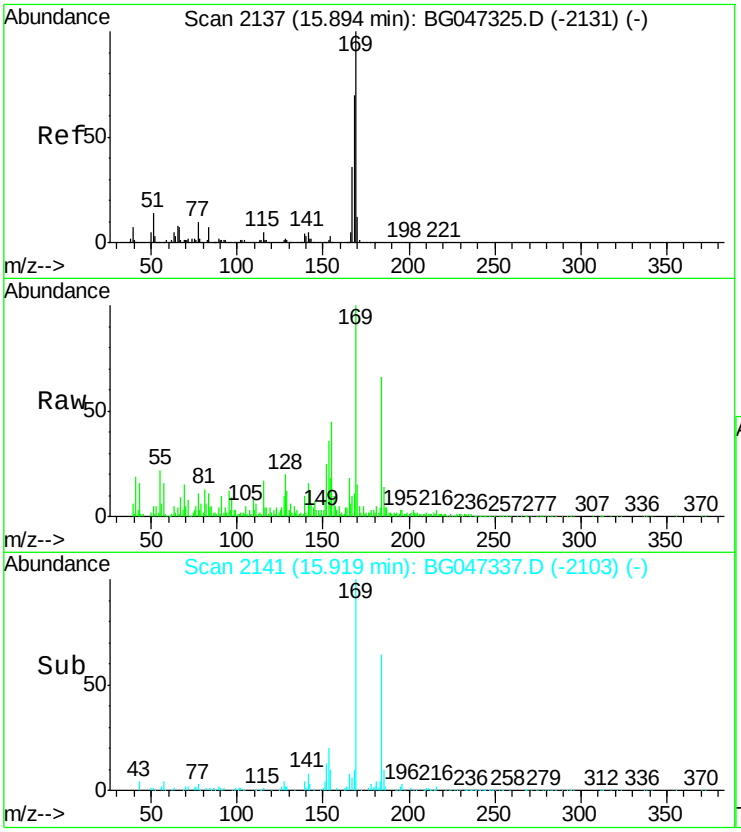


#59
Fluorene
Concen: 2.222 ng/ul
RT: 15.71 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Tgt Ion:166 Resp: 24667

Ion	Ratio	Lower	Upper
166	100		
165	117.7	76.2	114.4#
167	25.0	10.4	15.6#



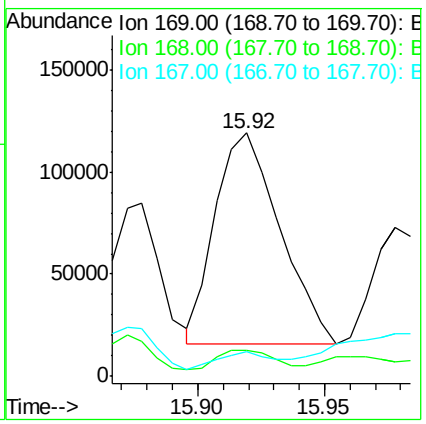


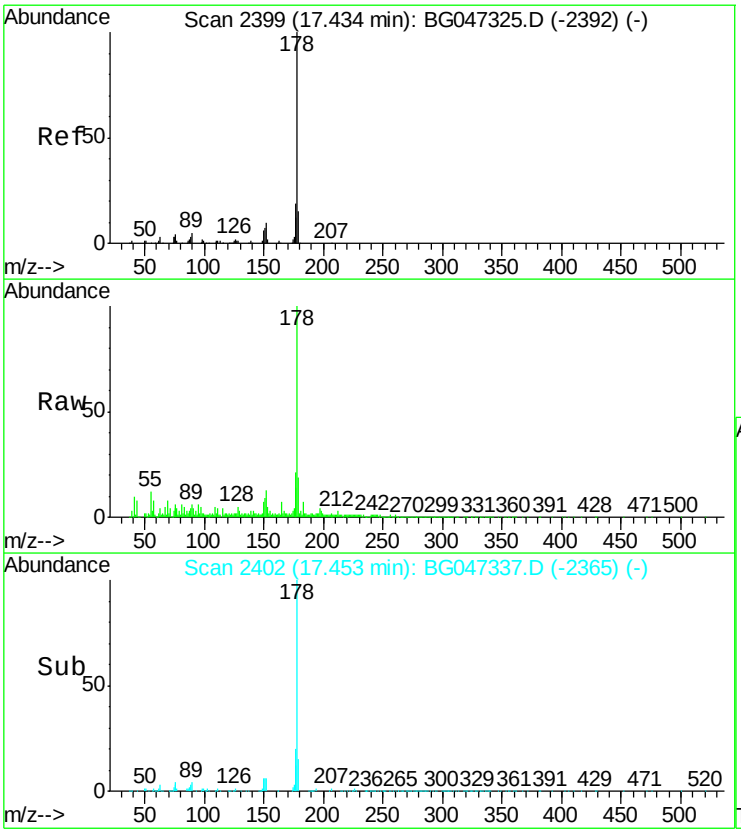
#65
N-Nitrosodiphenylamine
Concen: 22.306 ng/ul
RT: 15.92 min Scan# 2141
Delta R.T. 0.02 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Instrument :
BNA_G
ClientSampleId :
C0AC9

Tgt Ion:169 Resp: 184129

Ion	Ratio	Lower	Upper
169	100		
168	10.7	55.8	83.8#
167	10.2	28.2	42.4#

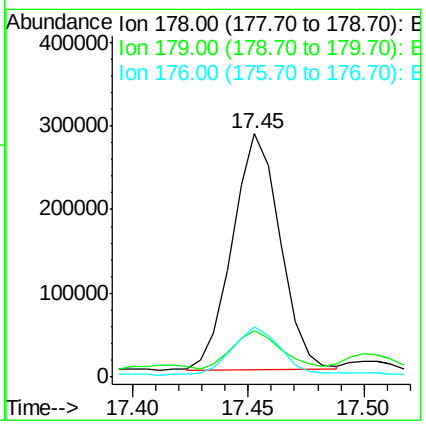


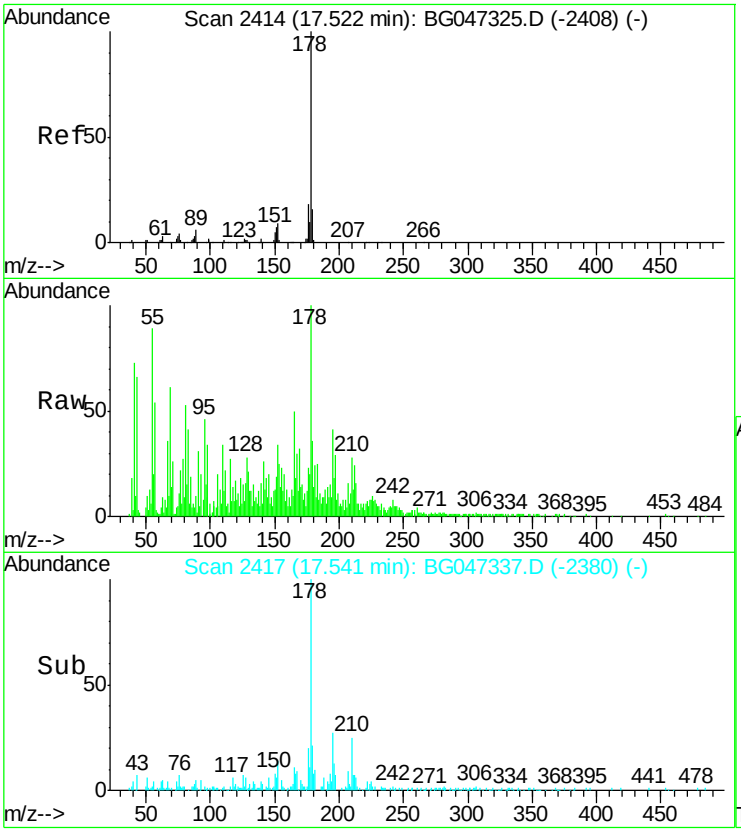


#70
Phenanthrene
Concen: 25.329 ng/ul
RT: 17.45 min Scan# 2402
Delta R.T. 0.02 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Tgt Ion:178 Resp: 405734

Ion	Ratio	Lower	Upper
178	100		
179	18.9	12.2	18.4#
176	20.6	16.5	24.7



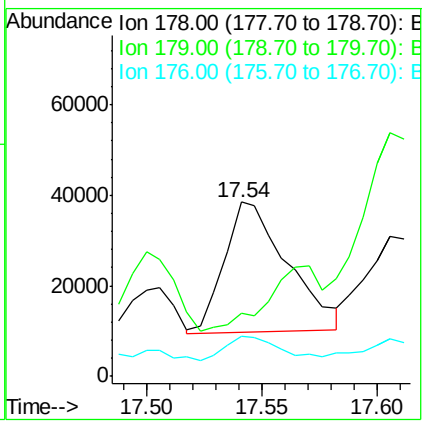


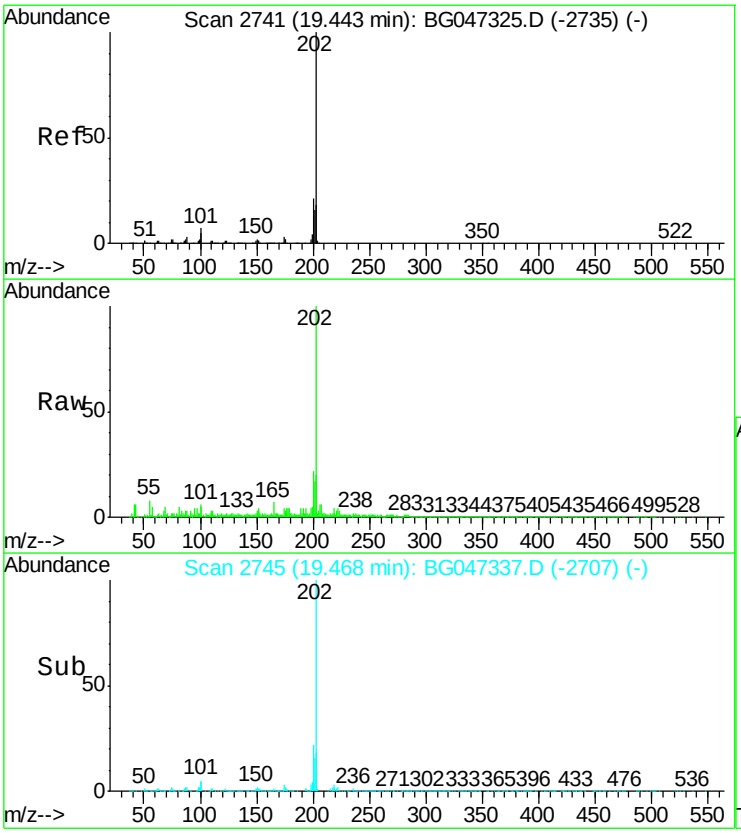
#72
Anthracene
Concen: 3.392 ng/ul
RT: 17.54 min Scan# 2417
Delta R.T. 0.02 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Instrument :
BNA_G
ClientSampleId :
C0AC9

Tgt Ion:178 Resp: 54602

Ion	Ratio	Lower	Upper
178	100		
179	36.1	12.4	18.6#
176	22.8	14.4	21.6#

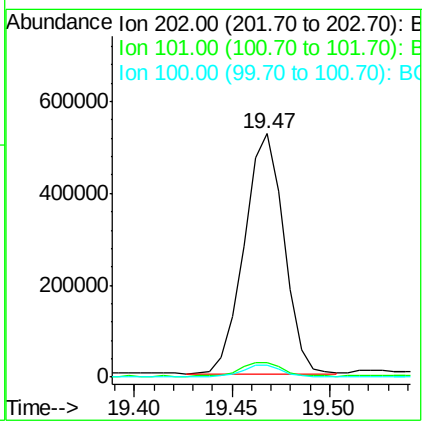


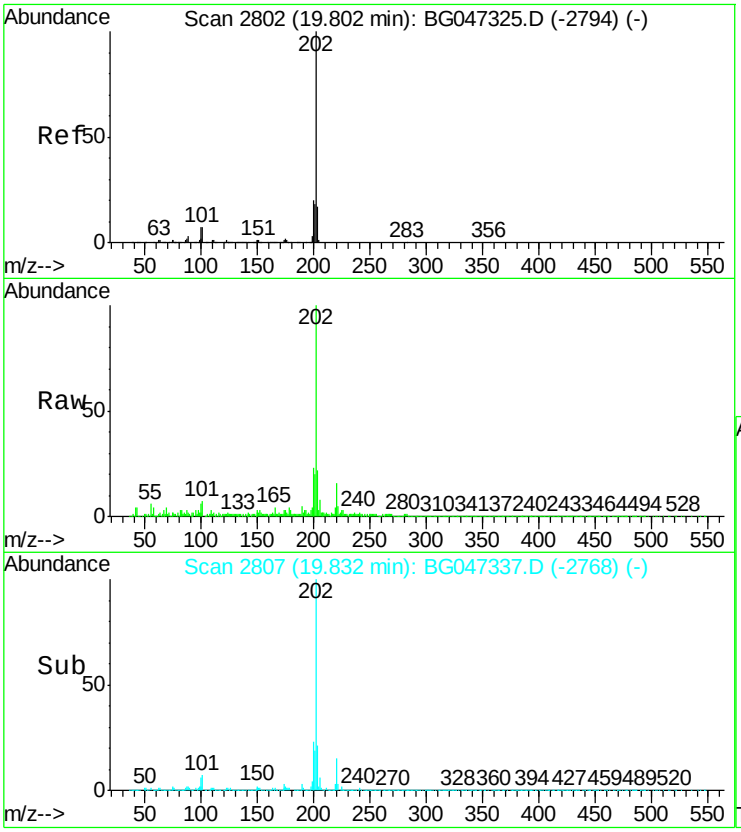


#77
Fluoranthene
Concen: 38.198 ng/ul
RT: 19.47 min Scan# 2745
Delta R.T. 0.02 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Tgt Ion:202 Resp: 736461

Ion	Ratio	Lower	Upper
202	100		
101	5.9	5.0	7.6
100	4.6	4.2	6.2



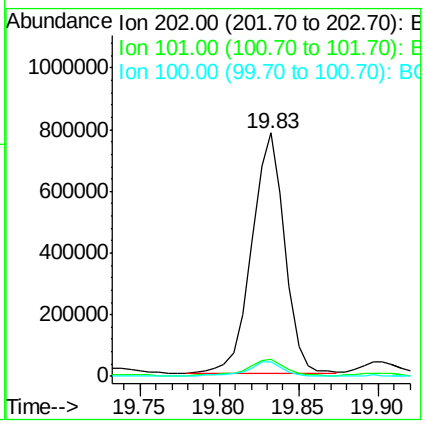


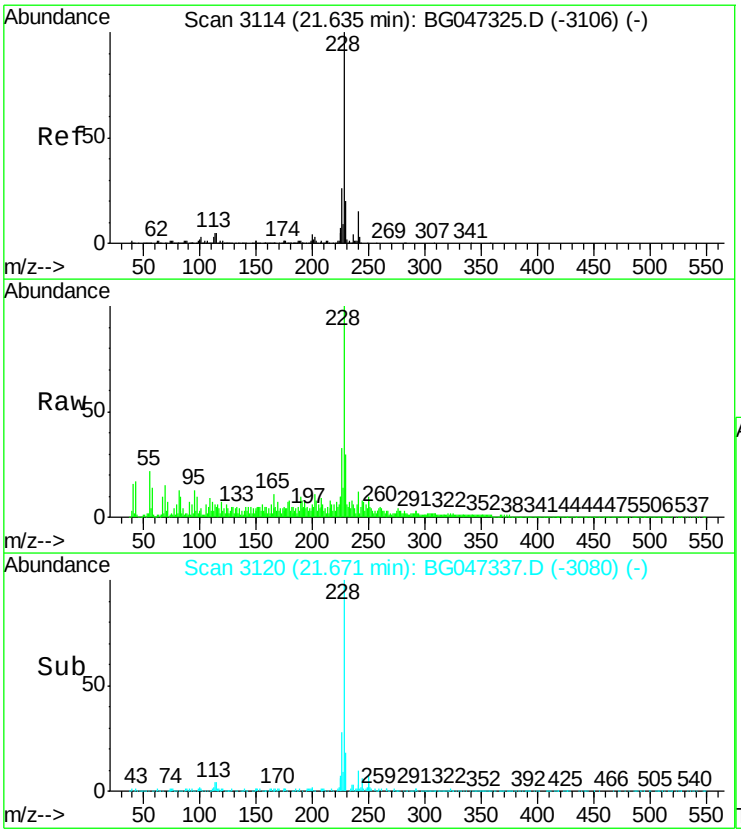
#80
Pyrene
Concen: 50.299 ng/ul
RT: 19.83 min Scan# 2807
Delta R.T. 0.03 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Instrument :
BNA_G
ClientSampleId :
C0AC9

Tgt Ion:202 Resp: 1117674

Ion	Ratio	Lower	Upper
202	100		
101	6.8	6.5	9.7
100	5.7	5.7	8.5

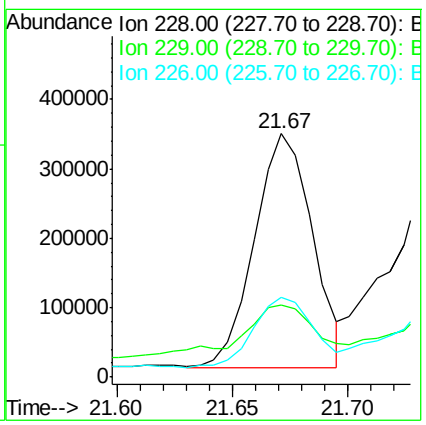


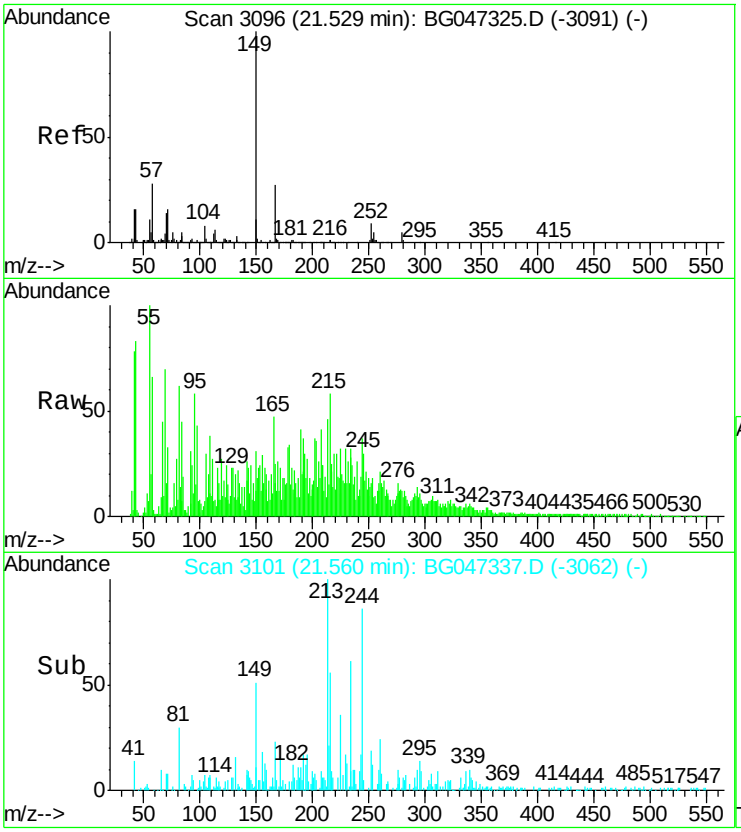


#83
Benzo(a)anthracene
Concen: 26.835 ng/ul
RT: 21.67 min Scan# 3120
Delta R.T. 0.04 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Tgt Ion:228 Resp: 590311

Ion	Ratio	Lower	Upper
228	100		
229	29.7	15.1	22.7#
226	32.8	22.7	34.1



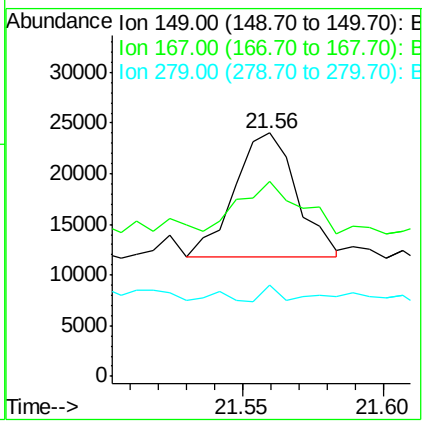


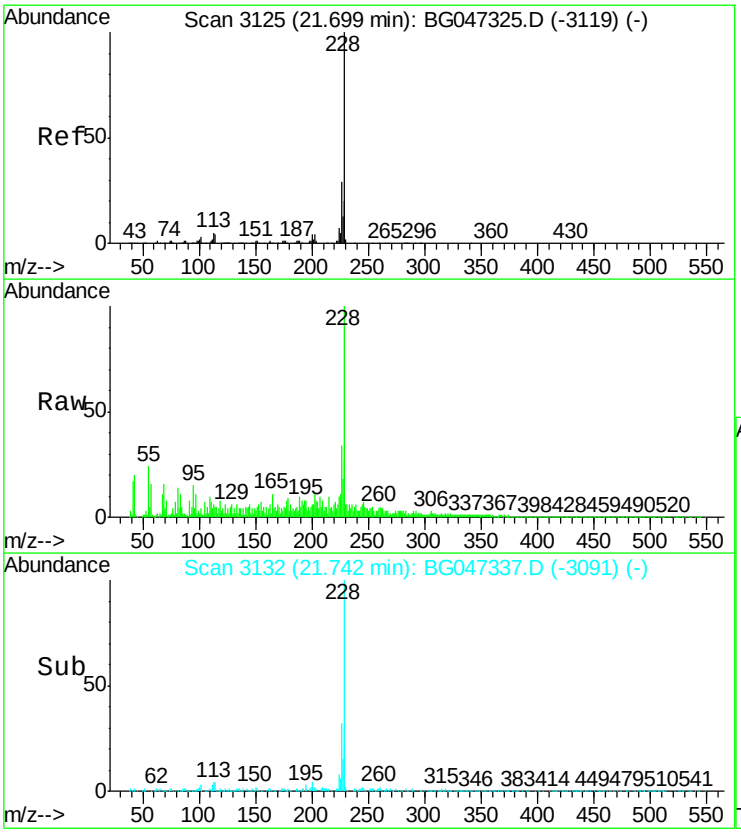
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.637 ng/ul
RT: 21.56 min Scan# 3101
Delta R.T. 0.03 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Instrument :
BNA_G
ClientSampleId :
C0AC9

Tgt Ion:149 Resp: 18533

Ion	Ratio	Lower	Upper
149	100		
167	79.9	22.7	34.1#
279	37.7	4.6	7.0#

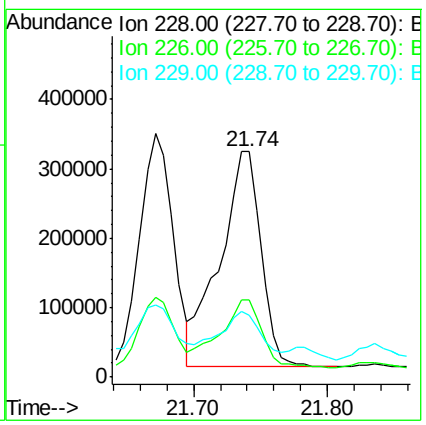


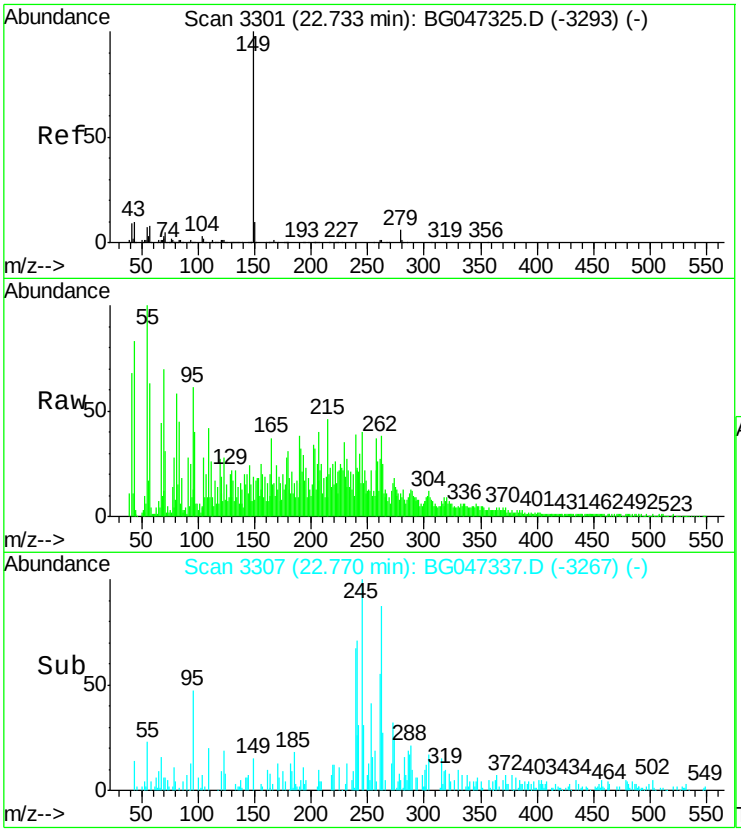


#85
Chrysene
Concen: 31.718 ng/ul
RT: 21.74 min Scan# 3132
Delta R.T. 0.04 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Tgt Ion:228 Resp: 671263

Ion	Ratio	Lower	Upper
228	100		
226	34.3	24.6	36.8
229	27.5	15.8	23.8#

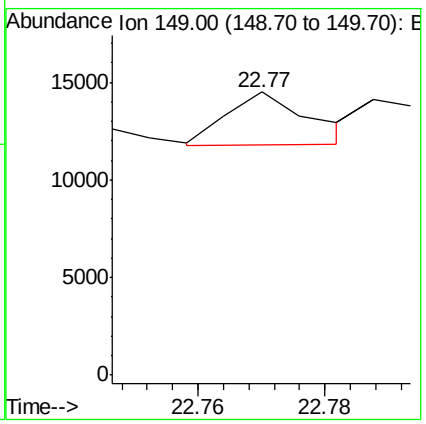


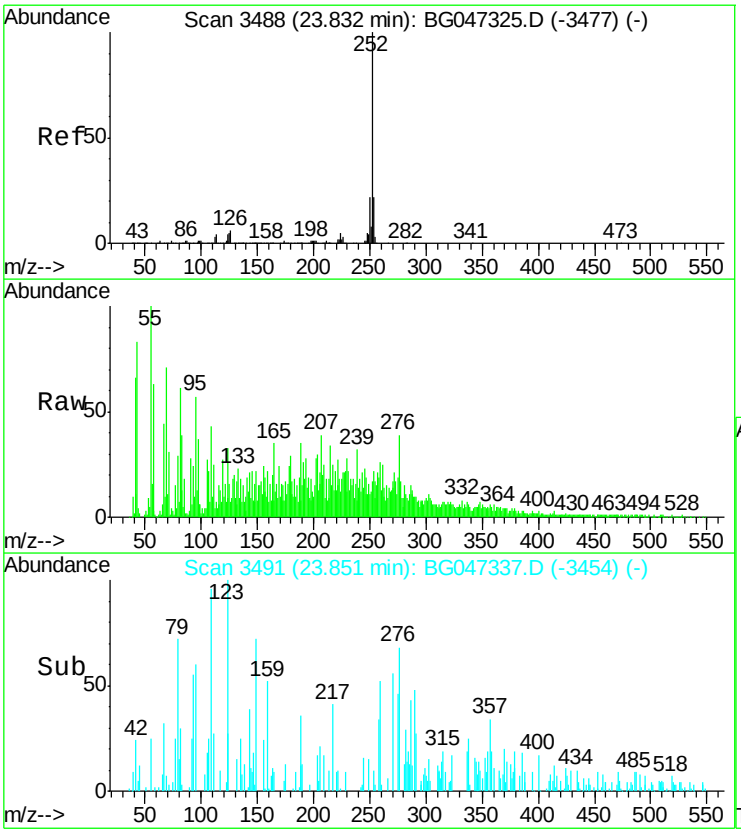


#87
Di-n-octyl phthalate
Concen: 32.739 ng/ul
RT: 22.77 min Scan# 3307
Delta R.T. 0.04 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Instrument :
BNA_G
ClientSampleId :
C0AC9

Tgt Ion:149 Resp: 2410

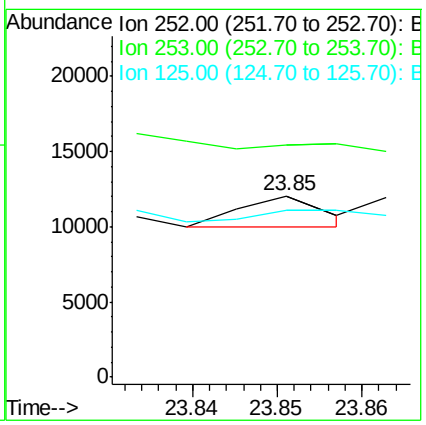


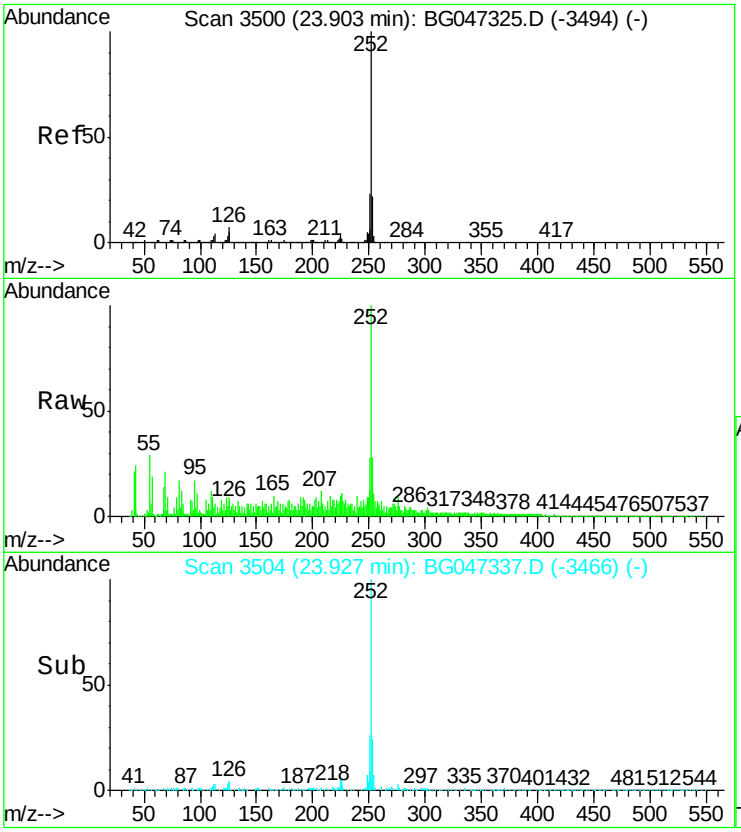


#88
Benzo(b)fluoranthene
Concen: 16.233 ng/ul
RT: 23.85 min Scan# 3491
Delta R.T. 0.02 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Tgt Ion:252 Resp: 1418

Ion	Ratio	Lower	Upper
252	100		
253	128.0	18.0	27.0#
125	92.3	3.7	5.5#



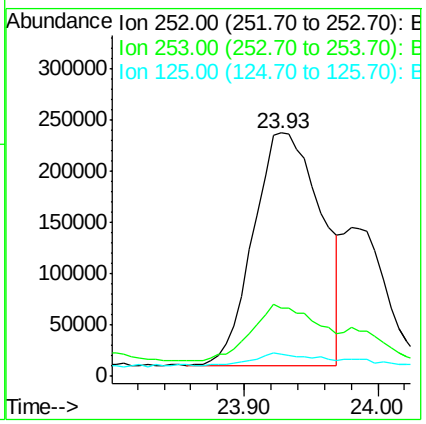


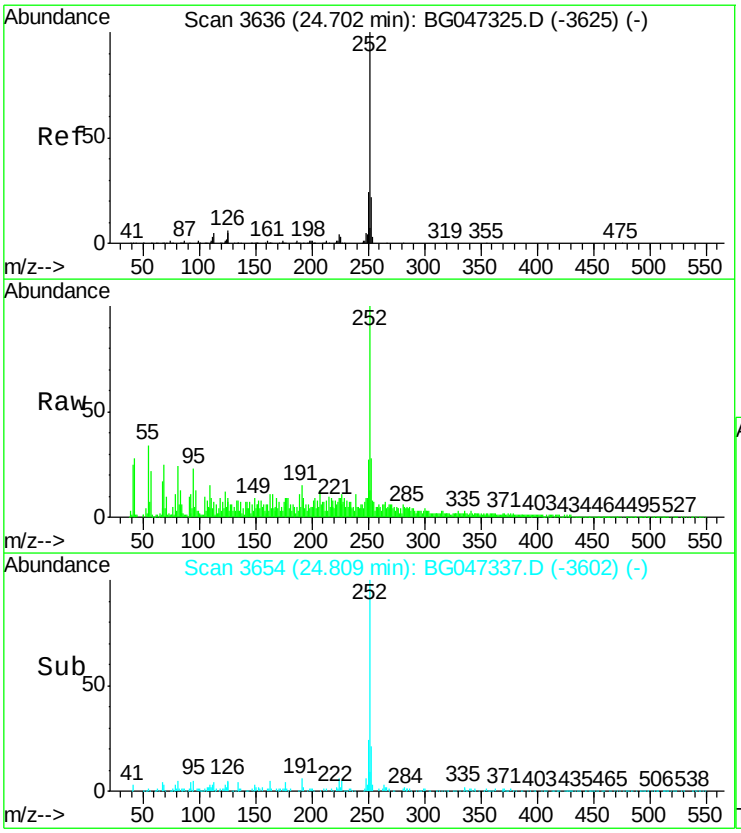
#89
Benzo(k)fluoranthene
Concen: 9429.536 ng/ul
RT: 23.93 min Scan# 3504
Delta R.T. 0.02 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Instrument :
BNA_G
ClientSampleId :
C0AC9

Tgt Ion:252 Resp: 798154

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.2	27.4#
125	8.9	4.6	7.0#

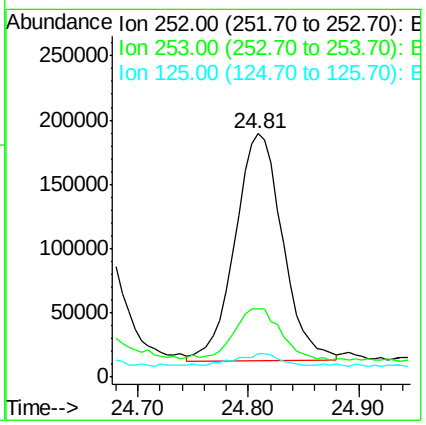


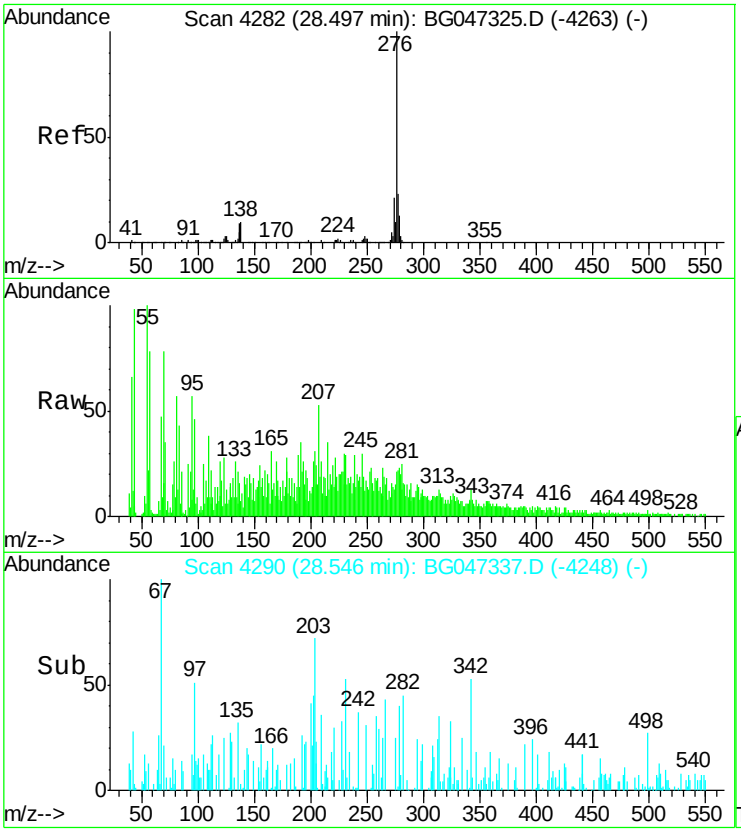


#91
Benzo(a)pyrene
Concen: 6772.936 ng/ul
RT: 24.81 min Scan# 3654
Delta R.T. 0.11 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Tgt Ion:252 Resp: 532759

Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.8	26.6#
125	9.5	4.2	6.4#



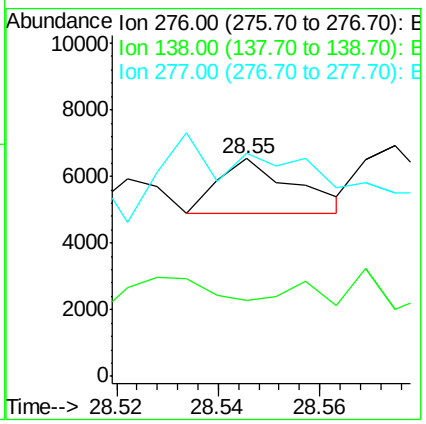


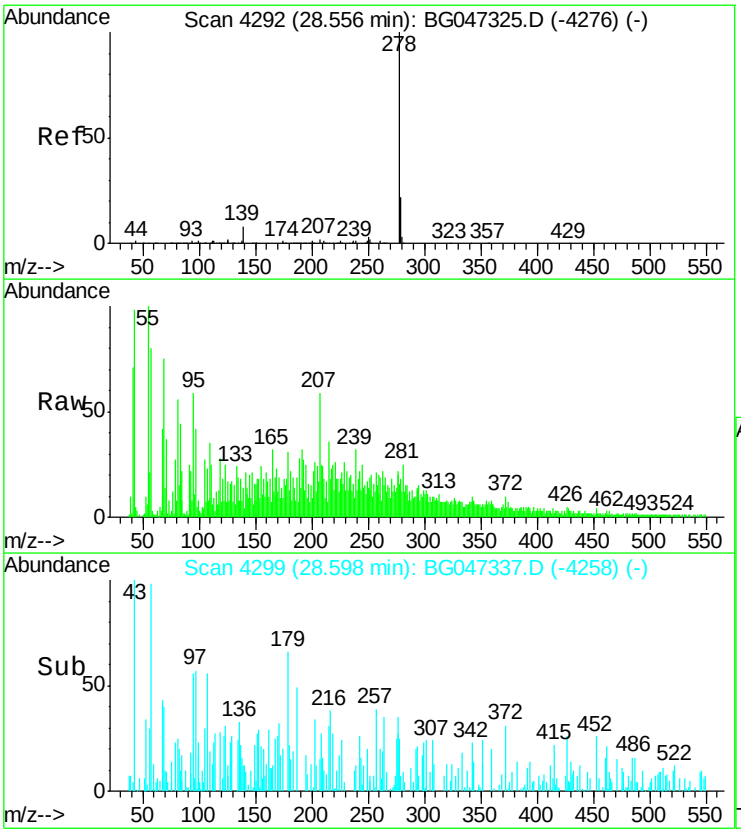
#92
Indeno(1,2,3-cd)pyrene
Concen: 17.922 ng/ul
RT: 28.55 min Scan# 4290
Delta R.T. 0.05 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Instrument :
BNA_G
ClientSampleId :
C0AC9

Tgt Ion:276 Resp: 1752

Ion	Ratio	Lower	Upper
276	100		
138	35.1	8.1	12.1#
277	102.2	20.2	30.4#

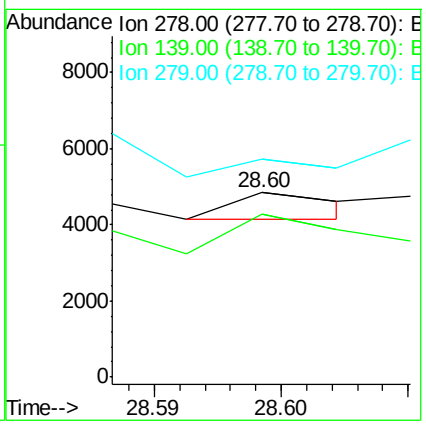


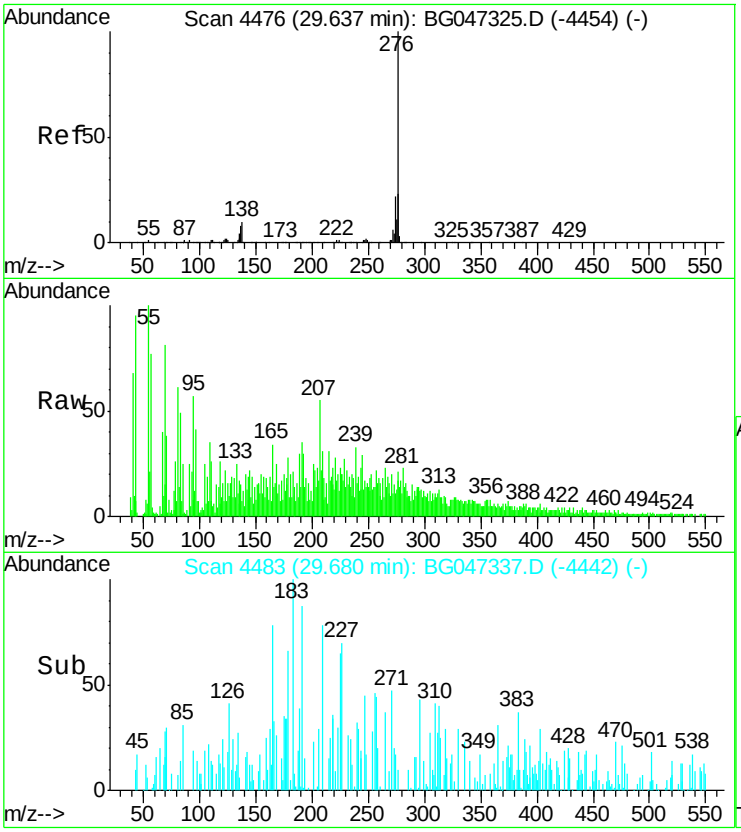


#93
Dibenzo(a,h)anthracene
Concen: 5.259 ng/ul
RT: 28.60 min Scan# 4299
Delta R.T. 0.04 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Tgt Ion:278 Resp: 417

Ion	Ratio	Lower	Upper
278	100		
139	88.4	7.1	10.7#
279	118.7	19.9	29.9#





#94
Benzo(g,h,i)perylene
Concen: 29.253 ng/ul
RT: 29.68 min Scan# 4483
Delta R.T. 0.04 min
Lab File: BG047337.D
Acq: 16 Nov 2020 19:39

Instrument :
BNA_G
ClientSampleId :
C0AC9

Tgt Ion:276 Resp: 2390

Ion	Ratio	Lower	Upper
276	100		
138	35.8	9.0	13.6#
277	83.5	19.2	28.8#