Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\
Data File : BG046746.D
Acq On : 2 Oct 2020 21:02
Operator : CG/JU
Sample : L4151-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7L1

Quant Time: Oct 03 00:39:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 00:37:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-8.11
18) Naphthalene-d8	0.00	136	0	0.00	ng/ul	-10.92
36) Acenaphthene-d10	14.74	164	58	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	424246	20.00	ng/ul	0.10
78) Chrysene-d12	21.75	240	960	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	594	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	6359	0.00	ng/uL	0.00
5) Phenol-d5	7.25	99	121583	0.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	74290	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	89213	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	94202	0.00	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	46806	0.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	51399	0.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	99533	0.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	55017	0.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	317762	71703.24	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	366421	69630.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	54767	72485.88	ng/ul	0.00
58) Fluorene-d10	15.72	176	278956	68269.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	44573	21.03	ng/ul	0.00
71) Anthracene-d10	17.58	188	424246	21.80	ng/ul	0.00
79) Pyrene-d10	19.86	212	524277	10524.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	532353	16627.72	ng/ul	0.00
Target Compounds						Qvalue
41) 1,1'-Biphenyl	13.58	154	1236	277.035	ng/ul#	44
43) 2-Nitroaniline	13.65	65	85	89.799	ng/ul#	7
45) Dimethylphthalate	14.18	163	57413	12800.281	ng/ul	98
46) 2,6-Dinitrotoluene	14.17	165	631	794.985	ng/ul#	28
48) Acenaphthylene	14.46	152	1304	251.514	ng/ul#	79
49) 3-Nitroaniline	14.59	138	153	193.539	ng/ul#	1
50) Acenaphthene	14.80	153	256	69.385	ng/ul#	8
53) 4-Nitrophenol	14.93	109	238	317.956	ng/ul#	16
54) Dibenzofuran	15.13	168	1667	307.504	ng/ul#	72
55) 2,4-Dinitrotoluene	14.99	165	173	157.544	ng/ul#	34
57) Diethylphthalate	15.56	149	309	68.946	ng/ul#	58
59) Fluorene	15.78	166	643	146.066	ng/ul#	1
61) 4-Nitroaniline	15.83	138	269	309.479	ng/ul#	1
80) Pyrene	19.89	202	41387	670.728	ng/ul#	95
81) Butylbenzylphthalate	20.77	149	3132	145.637	ng/ul#	65
82) 3,3'-Dichlorobenzidine	21.65	252	160	7.126	ng/ul#	8
83) Benzo(a)anthracene	21.73	228	31394	499.795	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.64	149	65480	2047.538	ng/ul	96
85) Chrysene	21.80	228	28675	470.603	ng/ul	95
87) Di-n-octyl phthalate	22.88	149	895	27.587	ng/ul	100
88) Benzo(b)fluoranthene	24.05	252	10438	266.365	ng/ul	93
89) Benzo(k)fluoranthene	24.05	252	10438	273.275	ng/ul	93
91) Benzo(a)pyrene	24.87	252	25821	721.392	ng/ul#	91

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\
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Acq On : 2 Oct 2020 21:02
Operator : CG/JU
Sample : L4151-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7L1

Quant Time: Oct 03 00:39:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 00:37:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Indeno(1,2,3-cd)pyrene	28.75	276	19747	449.661	ng/ul#	95
93) Dibenzo(a,h)anthracene	28.81	278	1586	43.588	ng/ul#	57
94) Benzo(g,h,i)perylene	29.91	276	1564	42.509	ng/ul#	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\
Data File : BG046746.D
Acq On : 2 Oct 2020 21:02
Operator : CG/JU
Sample : L4151-10
Misc :
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Instrument : BNA_G
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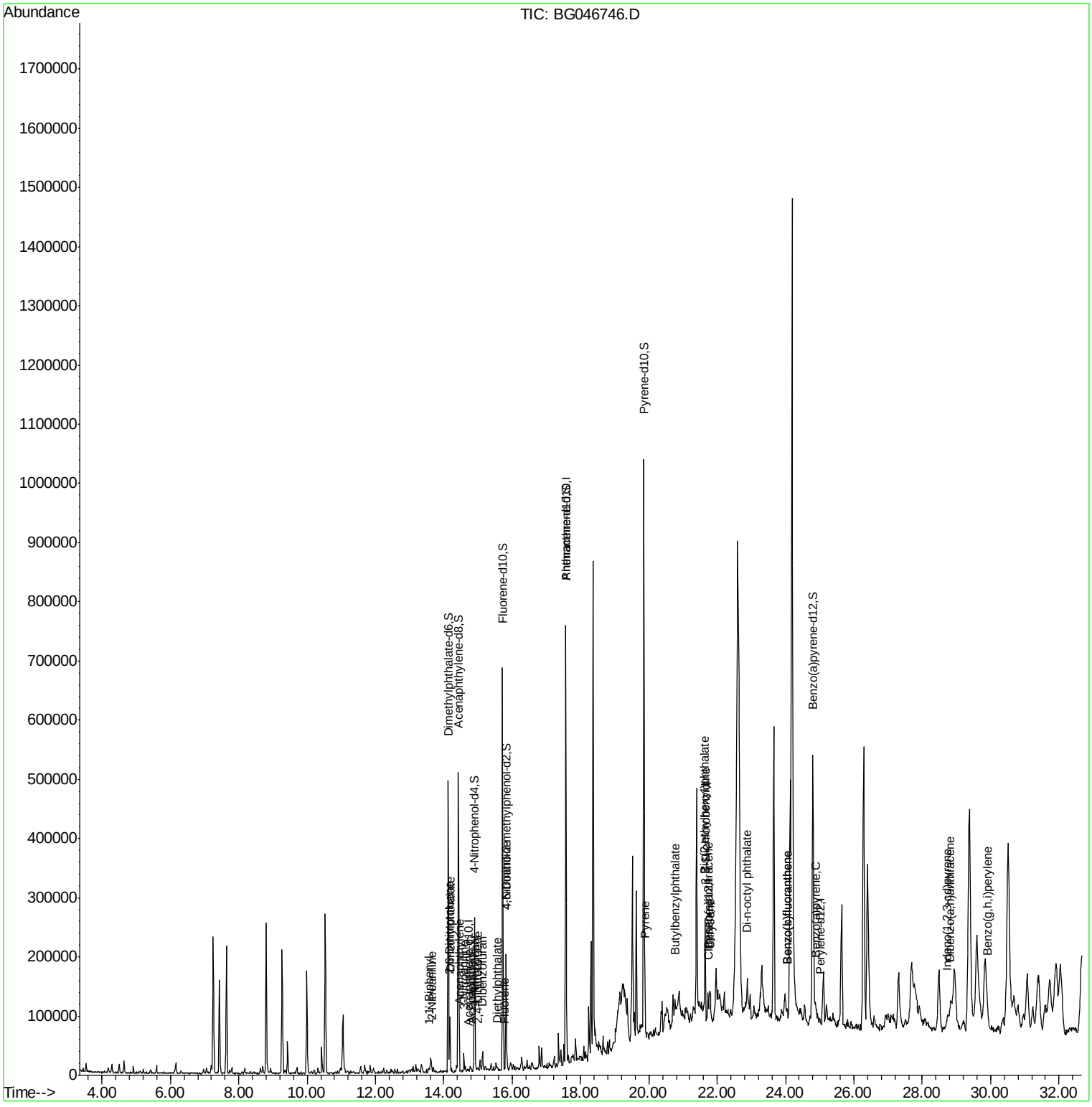
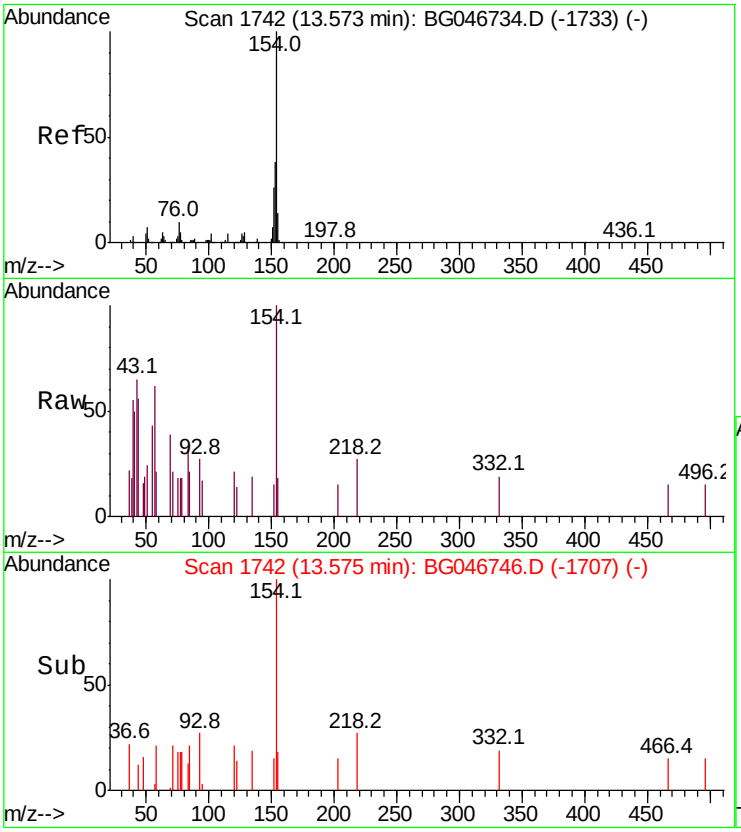
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 00:37:01 2020
Response via : Initial Calibration



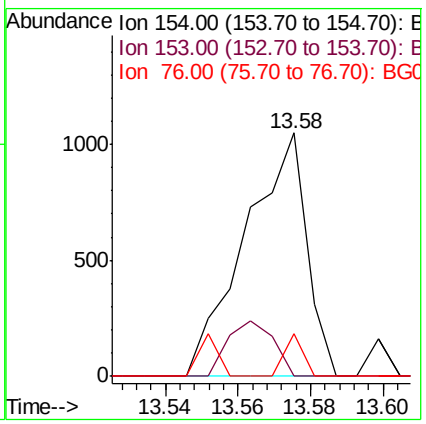


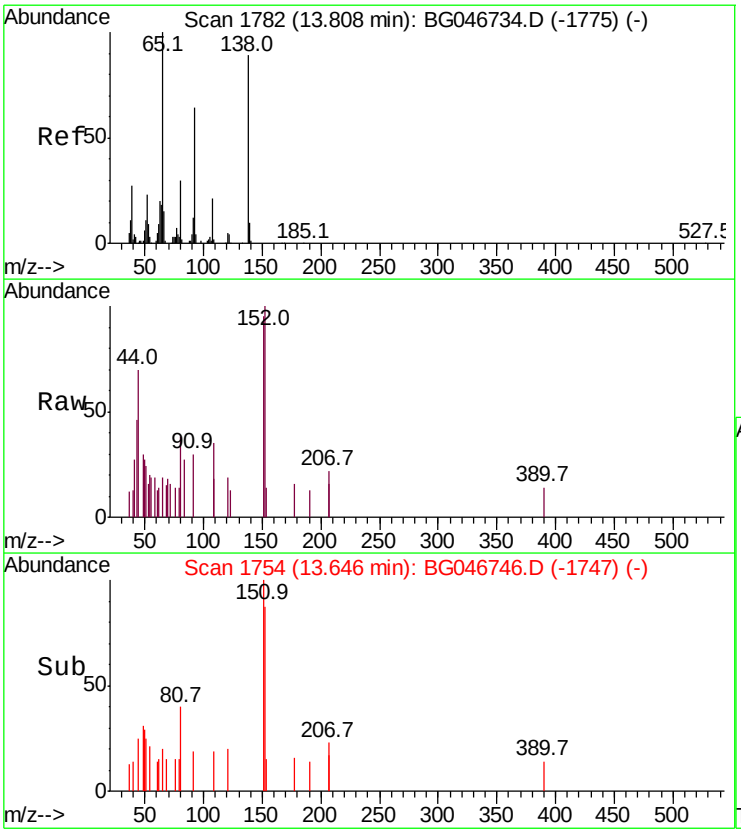
#41
1,1'-Biphenyl
Concen: 277.035 ng/ul
RT: 13.58 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Instrument :
BNA_G
ClientSampleId :
CB7L1

Tgt Ion:154 Resp: 1236

Ion	Ratio	Lower	Upper
154	100		
153	0.0	32.7	49.1#
76	17.6	8.5	12.7#

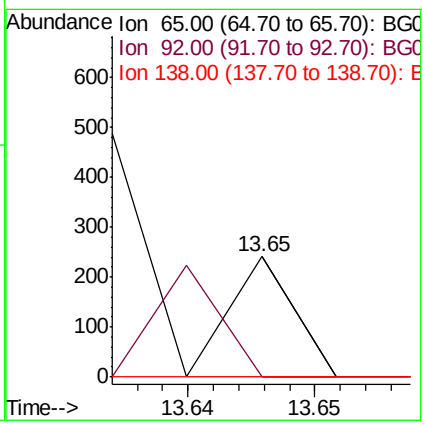


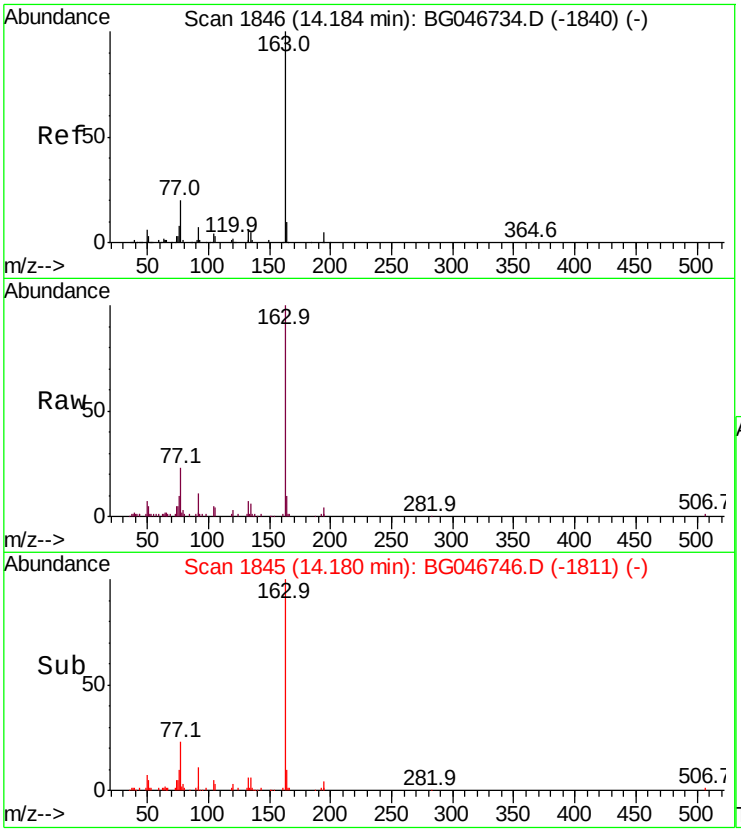


#43
2-Nitroaniline
Concen: 89.799 ng/ul
RT: 13.65 min Scan# 1754
Delta R.T. -0.16 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Tgt Ion: 65 Resp: 85

Ion	Ratio	Lower	Upper
65	100		
92	0.0	57.8	86.6#
138	0.0	76.3	114.5#



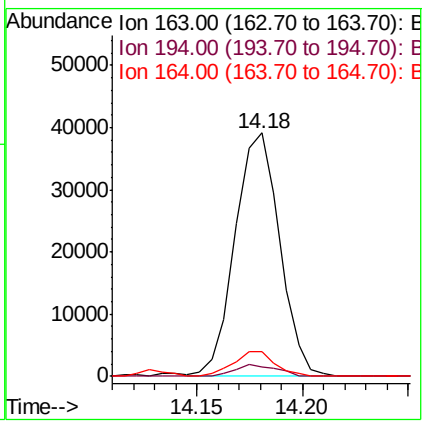


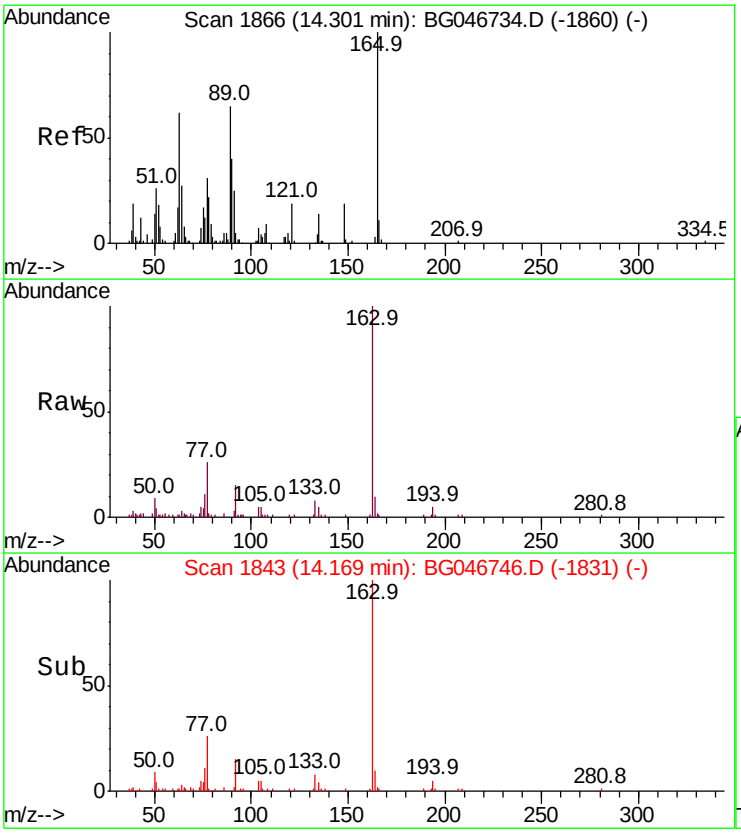
#45
Dimethylphthalate
Concen: 12800.281 ng/ul
RT: 14.18 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Instrument :
BNA_G
ClientSampleId :
CB7L1

Tgt Ion:163 Resp: 57413

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.6	5.4
164	10.1	7.4	11.0

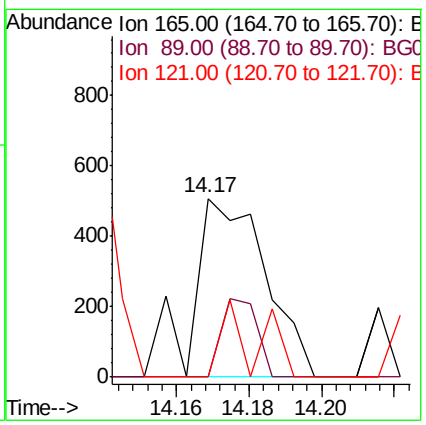


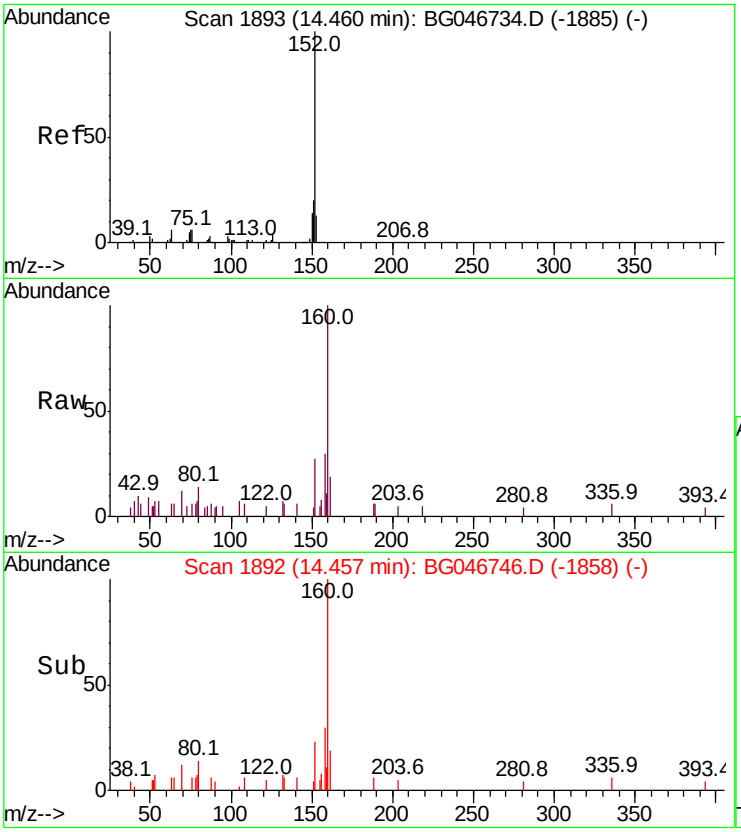


#46
2,6-Dinitrotoluene
Concen: 794.985 ng/ul
RT: 14.17 min Scan# 1843
Delta R.T. -0.13 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Tgt Ion:165 Resp: 631

Ion	Ratio	Lower	Upper
165	100		
89	0.0	50.5	75.7#
121	0.0	16.7	25.1#



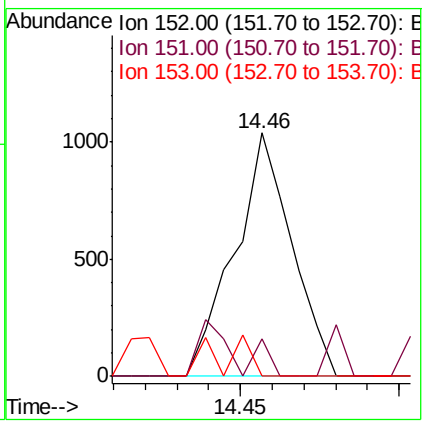


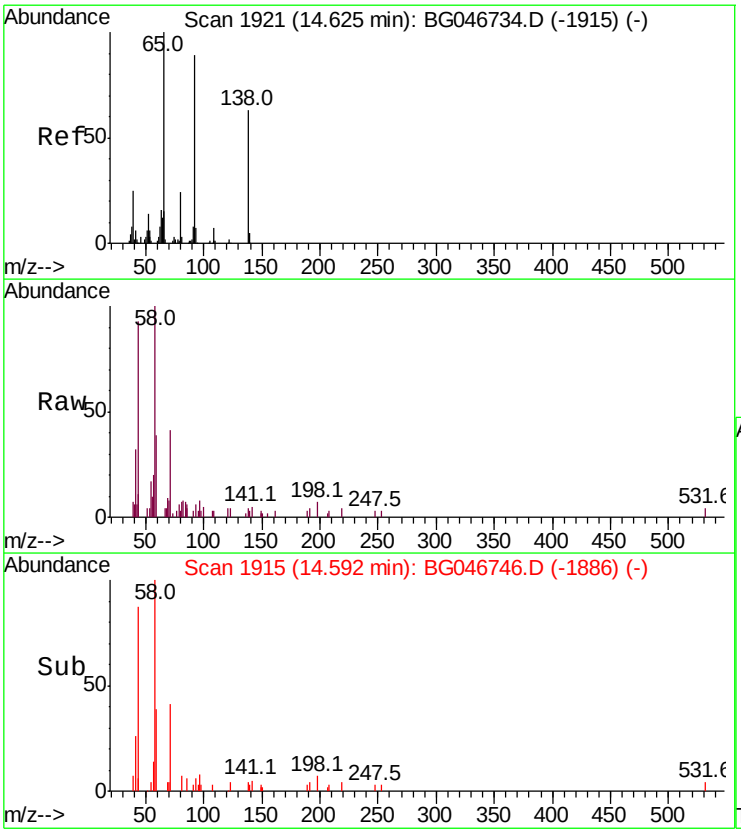
#48
Acenaphthylene
Concen: 251.514 ng/ul
RT: 14.46 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Instrument :
BNA_G
ClientSampleId :
CB7L1

Tgt Ion:152 Resp: 1304

Ion	Ratio	Lower	Upper
152	100		
151	15.6	17.3	25.9#
153	0.0	11.0	16.6#

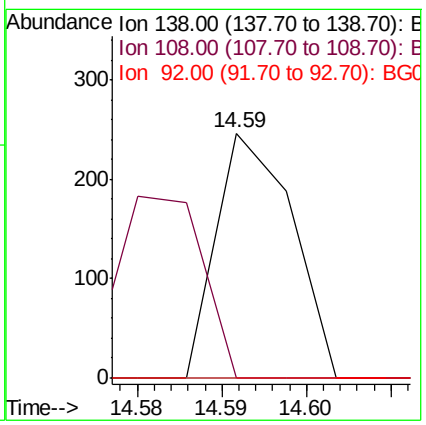


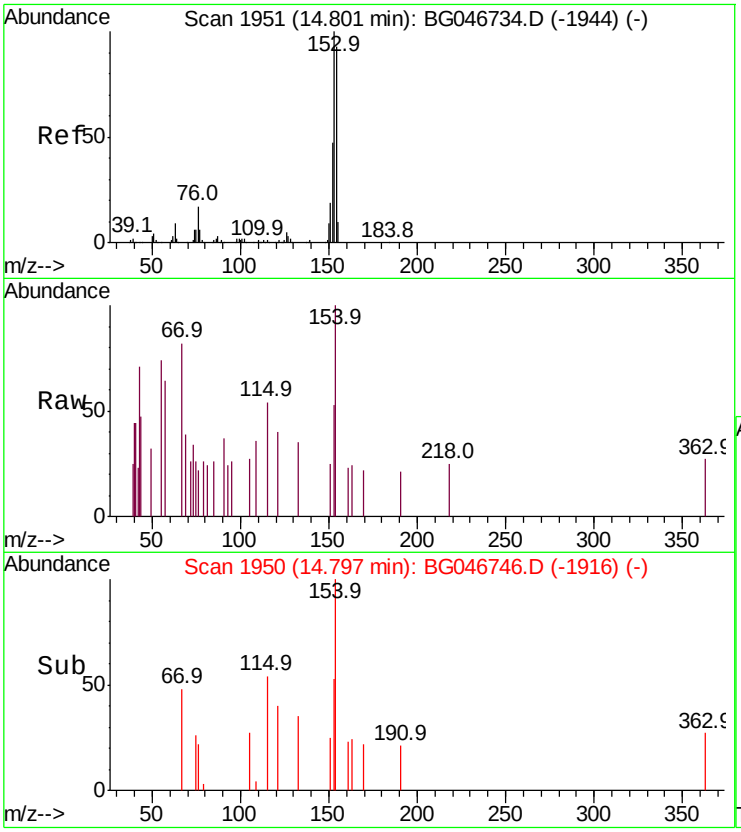


#49
3-Nitroaniline
Concen: 193.539 ng/ul
RT: 14.59 min Scan# 1915
Delta R.T. -0.03 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Tgt Ion:138 Resp: 153

Ion	Ratio	Lower	Upper
138	100		
108	0.0	11.4	17.0#
92	0.0	105.5	158.3#



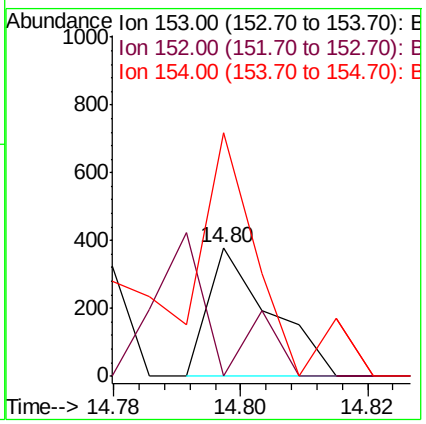


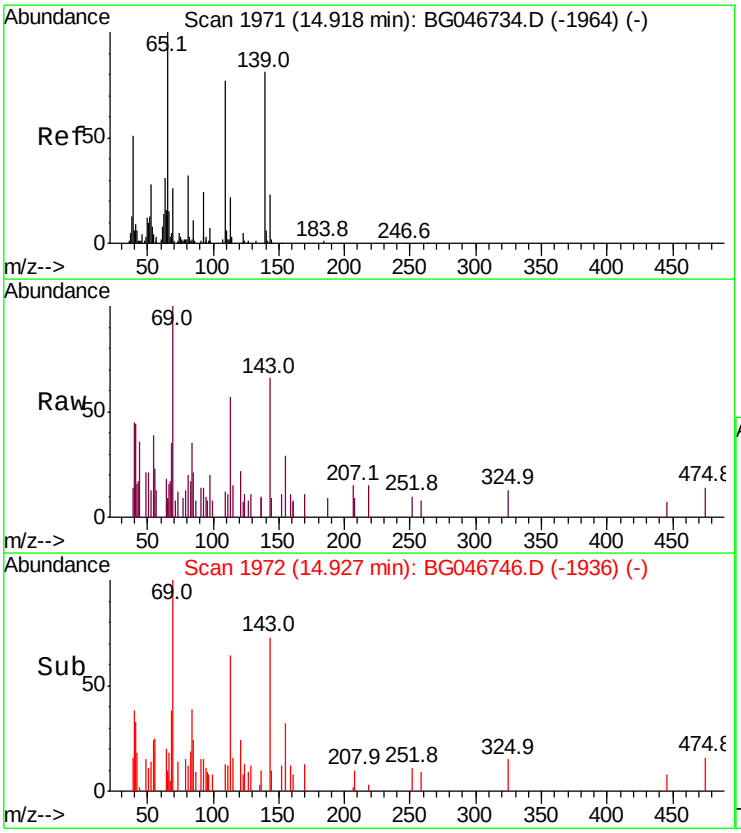
#50
Acenaphthene
Concen: 69.385 ng/ul
RT: 14.80 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Instrument :
BNA_G
ClientSampleId :
CB7L1

Tgt Ion:153 Resp: 256

Ion	Ratio	Lower	Upper
153	100		
152	0.0	37.2	55.8#
154	189.4	72.9	109.3#

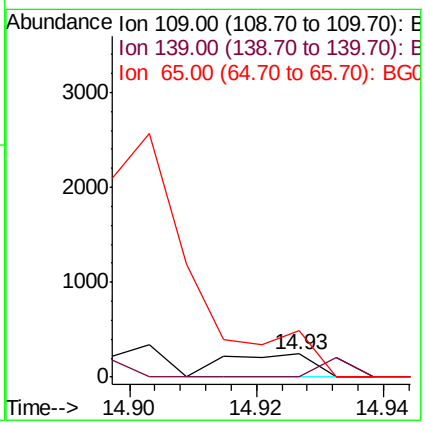


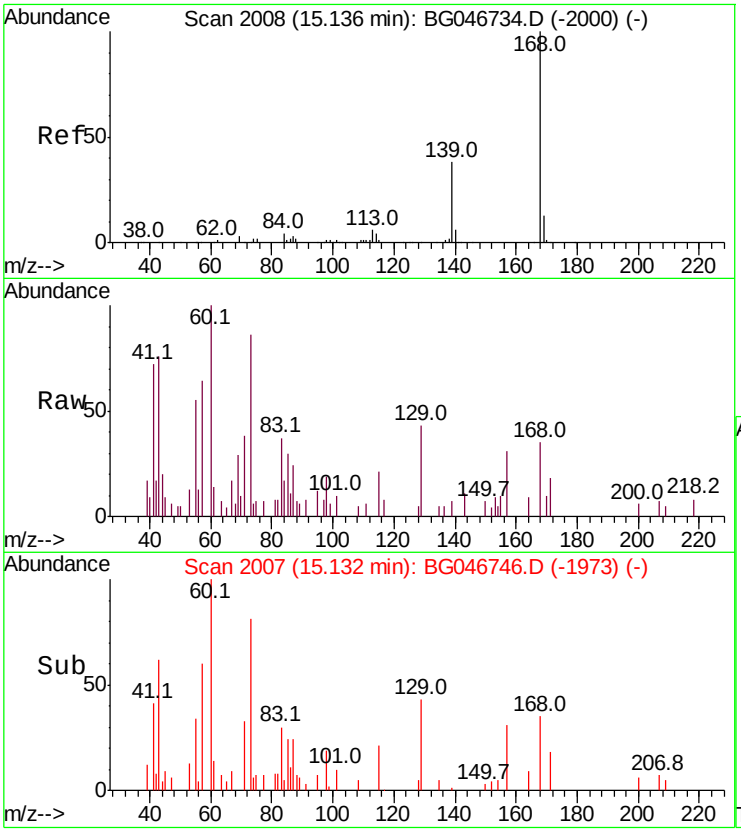


#53
4-Nitrophenol
Concen: 317.956 ng/ul
RT: 14.93 min Scan# 1972
Delta R.T. 0.01 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Tgt Ion:109 Resp: 238

Ion	Ratio	Lower	Upper
109	100		
139	0.0	86.6	130.0#
65	202.5	100.9	151.3#



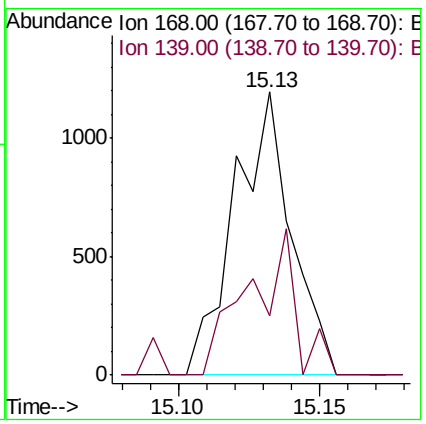


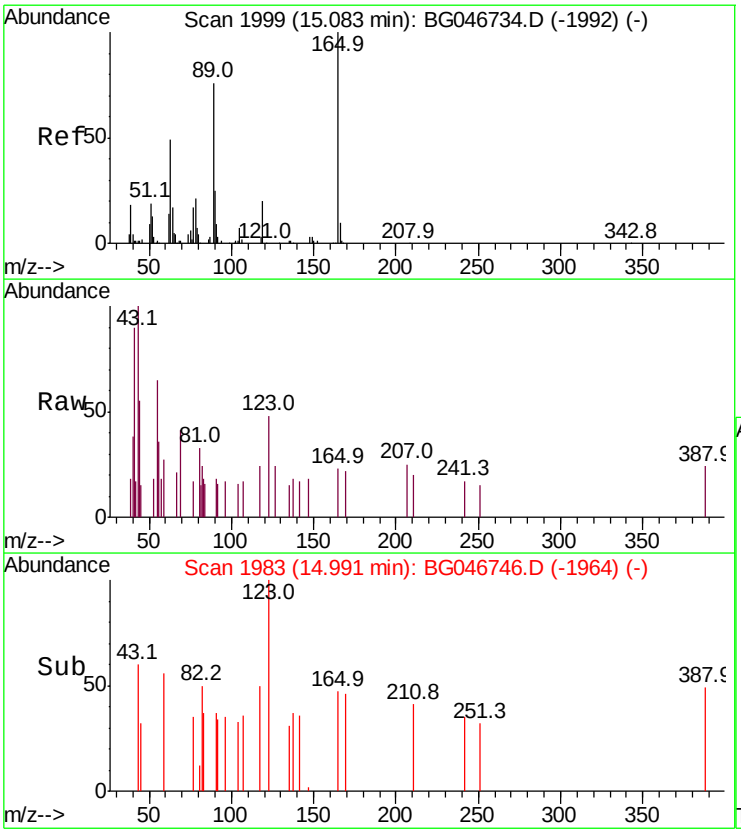
#54
Dibenzofuran
Concen: 307.504 ng/ul
RT: 15.13 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Instrument :
BNA_G
ClientSampleId :
CB7L1

Tgt Ion:168 Resp: 1667

Ion	Ratio	Lower	Upper
168	100		
139	21.0	30.3	45.5#

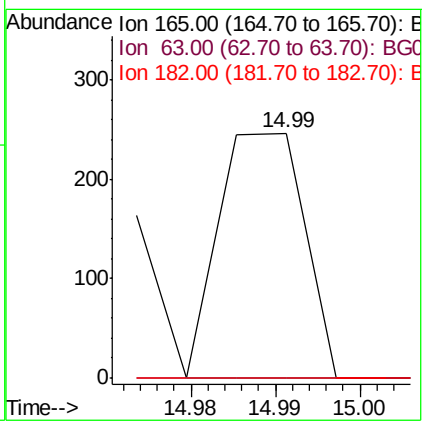


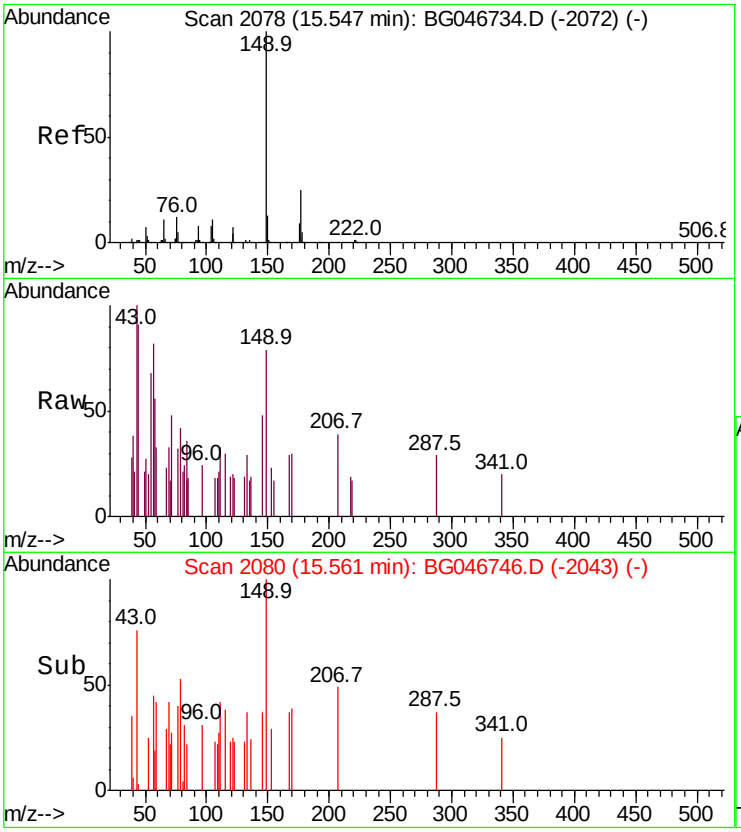


#55
2,4-Dinitrotoluene
Concen: 157.544 ng/ul
RT: 14.99 min Scan# 1983
Delta R.T. -0.09 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Tgt Ion:165 Resp: 173

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.0	57.0#
182	0.0	3.0	4.4#



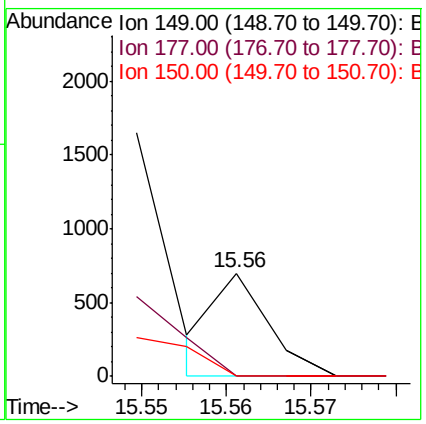


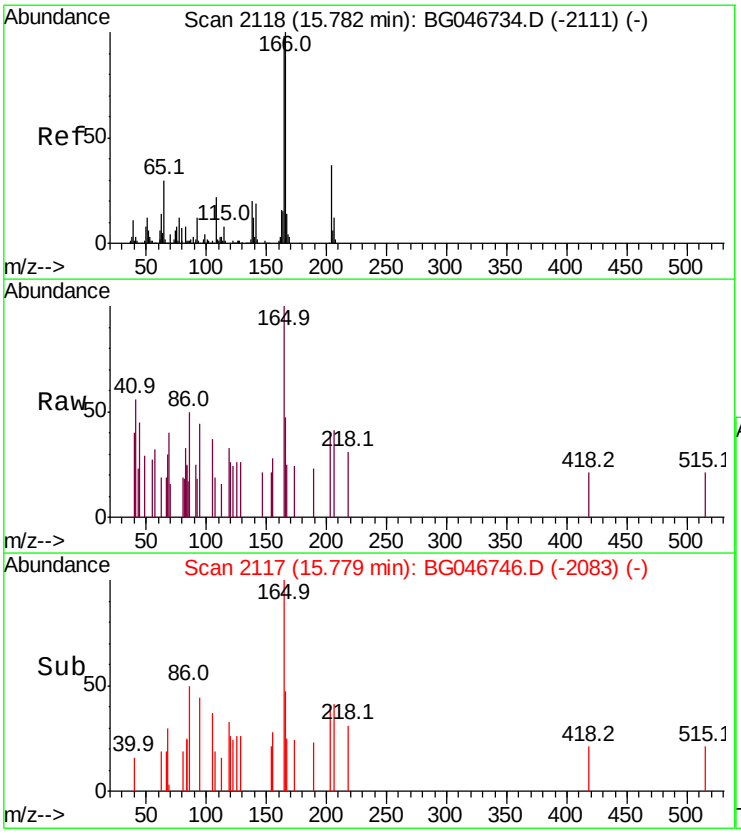
#57
Diethylphthalate
Concen: 68.946 ng/ul
RT: 15.56 min Scan# 2080
Delta R.T. 0.01 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Instrument :
BNA_G
ClientSampleId :
CB7L1

Tgt Ion:149 Resp: 309

Ion	Ratio	Lower	Upper
149	100		
177	0.0	19.0	28.6#
150	0.0	9.3	13.9#

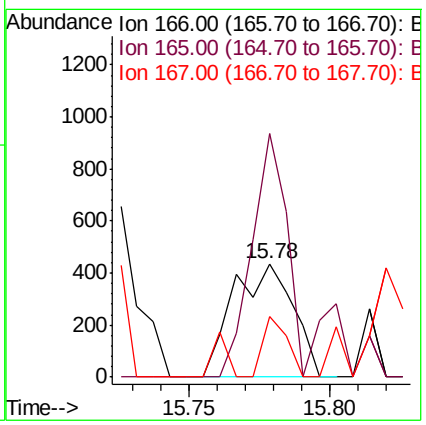


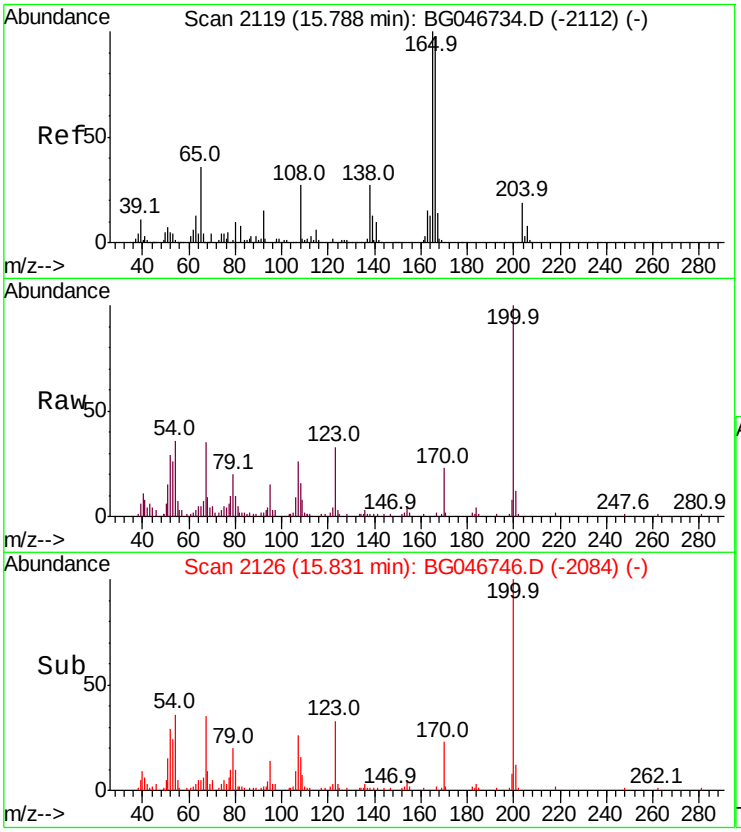


#59
Fluorene
Concen: 146.066 ng/ul
RT: 15.78 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Tgt Ion:166 Resp: 643

Ion	Ratio	Lower	Upper
166	100		
165	214.7	74.2	111.2#
167	53.4	9.8	14.8#



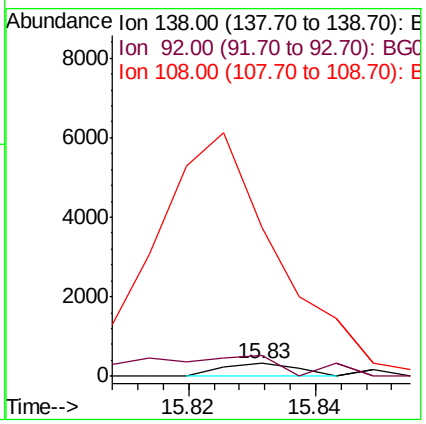


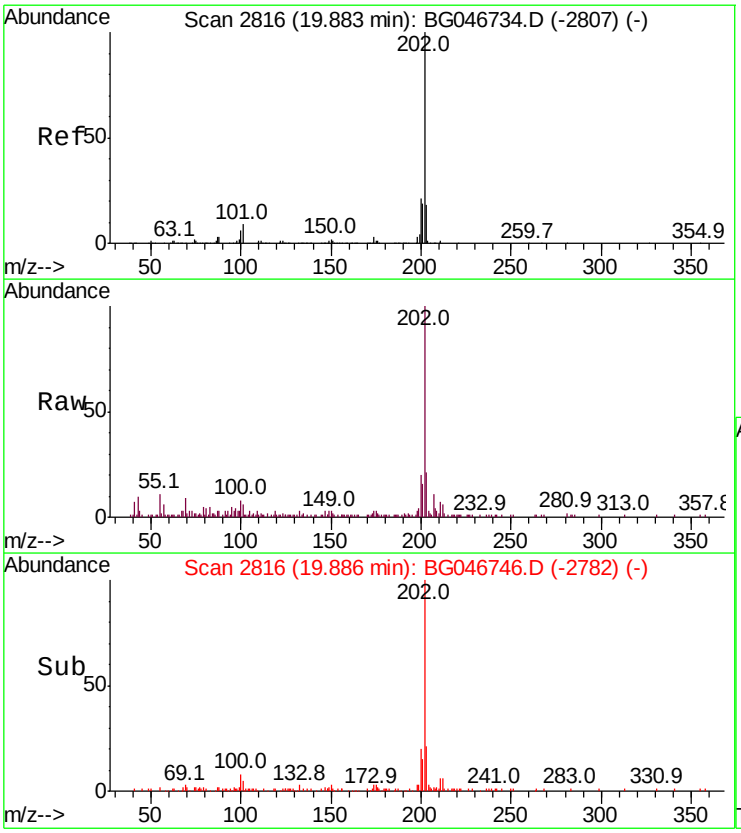
#61
4-Nitroaniline
Concen: 309.479 ng/ul
RT: 15.83 min Scan# 2126
Delta R.T. 0.04 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Instrument :
BNA_G
ClientSampleId :
CB7L1

Tgt Ion:138 Resp: 269

Ion	Ratio	Lower	Upper
138	100		
92	162.7	46.9	70.3#
108	1136.7	83.7	125.5#

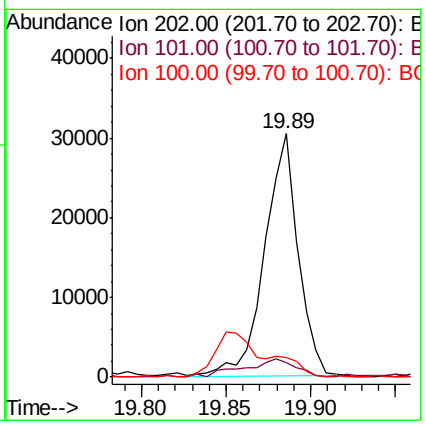


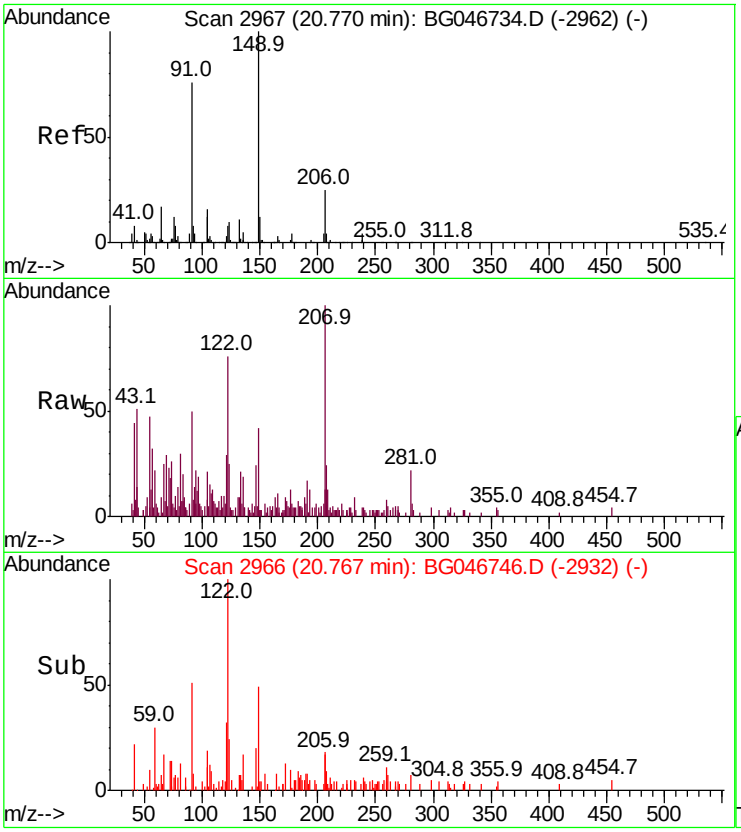


#80
Pyrene
Concen: 670.728 ng/ul
RT: 19.89 min Scan# 2816
Delta R.T. -0.00 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Tgt Ion:202 Resp: 41387

Ion	Ratio	Lower	Upper
202	100		
101	6.0	7.0	10.4#
100	8.2	6.0	9.0



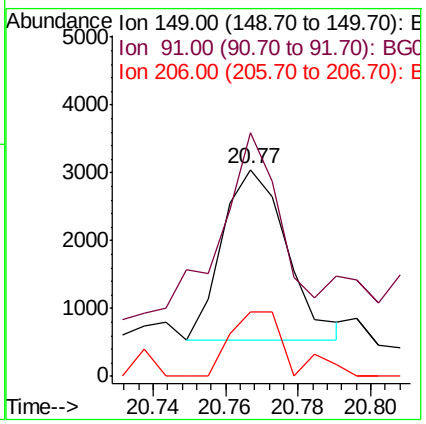


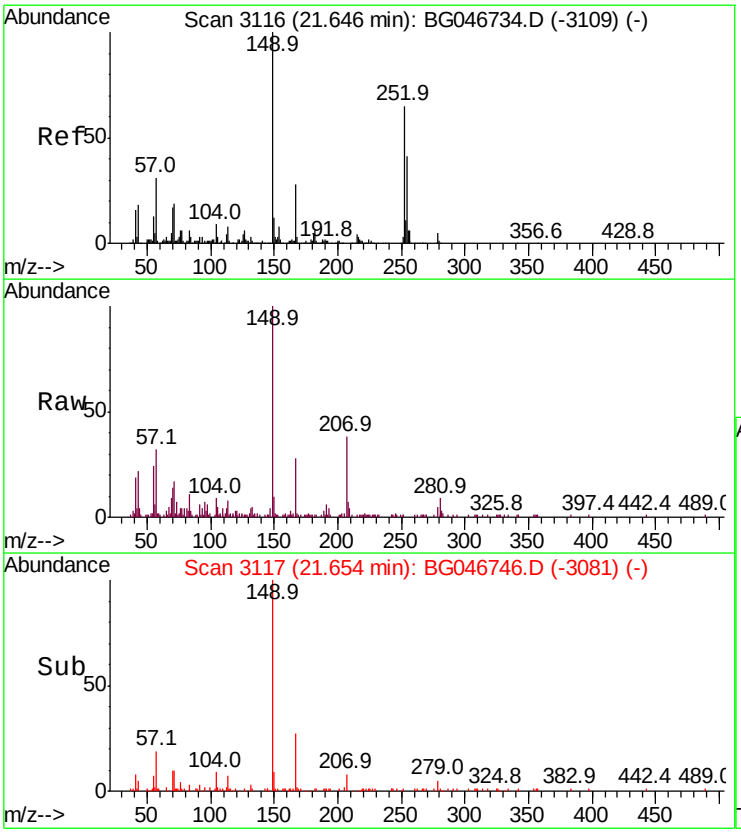
#81
Butylbenzylphthalate
Concen: 145.637 ng/ul
RT: 20.77 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Instrument :
BNA_G
ClientSampleId :
CB7L1

Tgt Ion:149 Resp: 3132

Ion	Ratio	Lower	Upper
149	100		
91	110.0	59.0	88.4#
206	29.4	19.2	28.8#

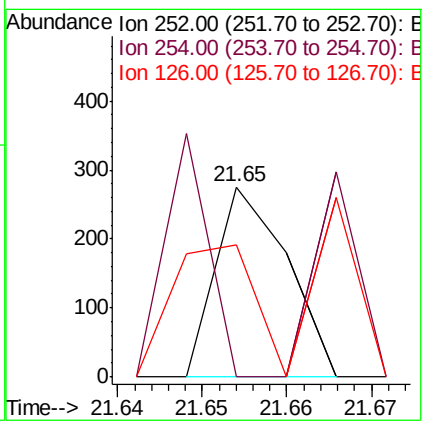


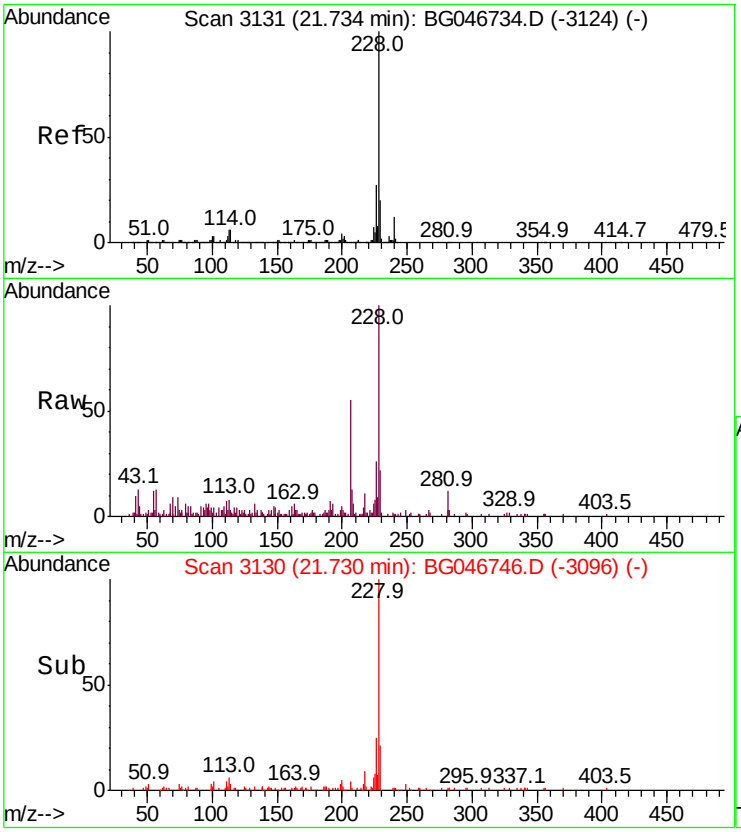


#82
3,3'-Dichlorobenzidine
Concen: 7.126 ng/ul
RT: 21.65 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Tgt Ion:252 Resp: 160

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.3	78.5#
126	69.8	5.9	8.9#



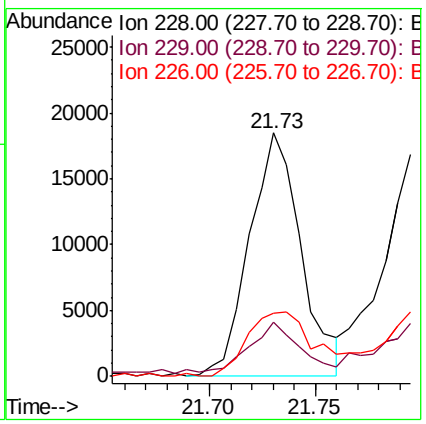


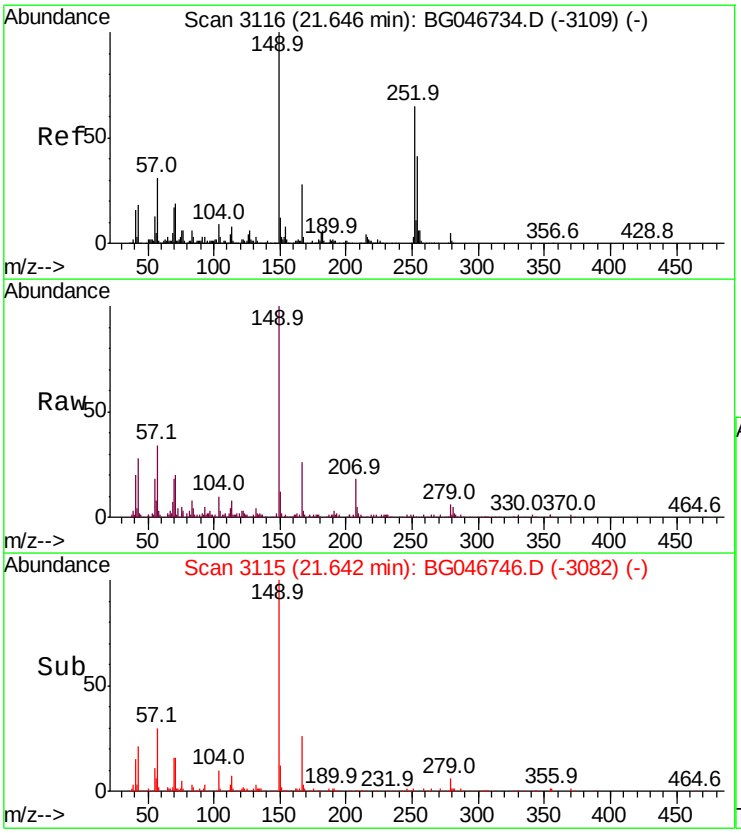
#83
Benzo(a)anthracene
Concen: 499.795 ng/ul
RT: 21.73 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Instrument :
BNA_G
ClientSampleId :
CB7L1

Tgt Ion:228 Resp: 31394

Ion	Ratio	Lower	Upper
228	100		
229	22.5	16.5	24.7
226	26.0	21.6	32.4

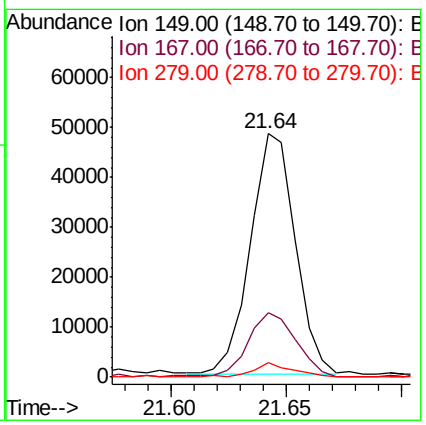


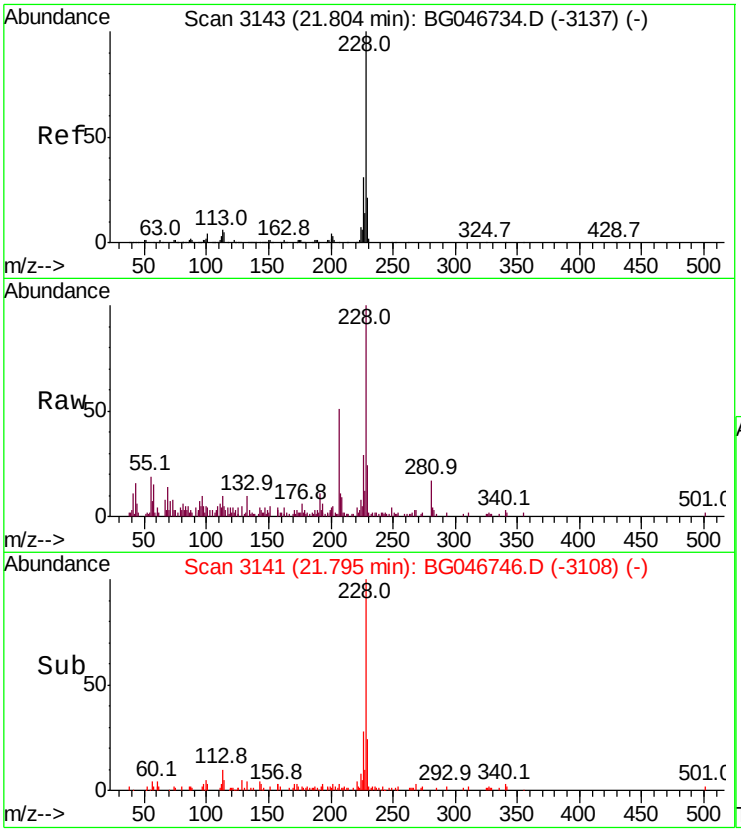


#84
Bis(2-ethylhexyl)phthalate
Concen: 2047.538 ng/ul
RT: 21.64 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Tgt Ion:149 Resp: 65480

Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.7	34.1
279	6.1	4.2	6.2



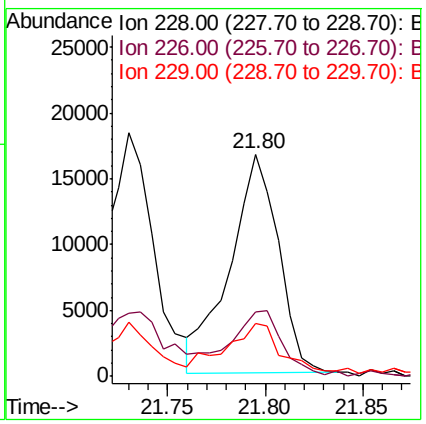


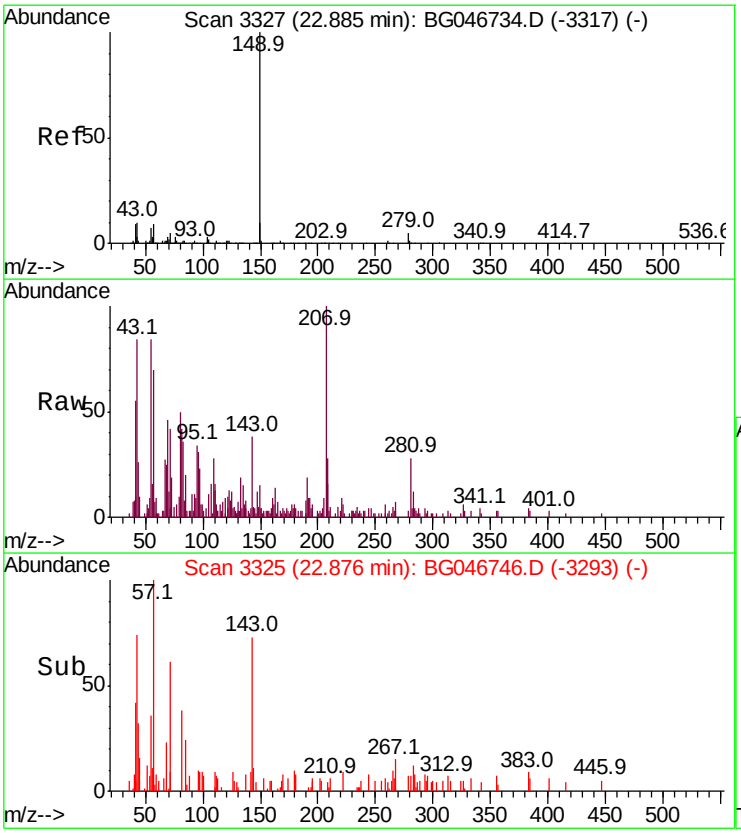
#85
Chrysene
Concen: 470.603 ng/ul
RT: 21.80 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Instrument :
BNA_G
ClientSampleId :
CB7L1

Tgt Ion:228 Resp: 28675

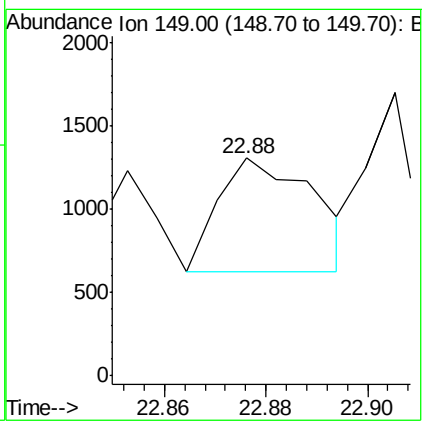
Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.3	36.5
229	23.6	15.8	23.8

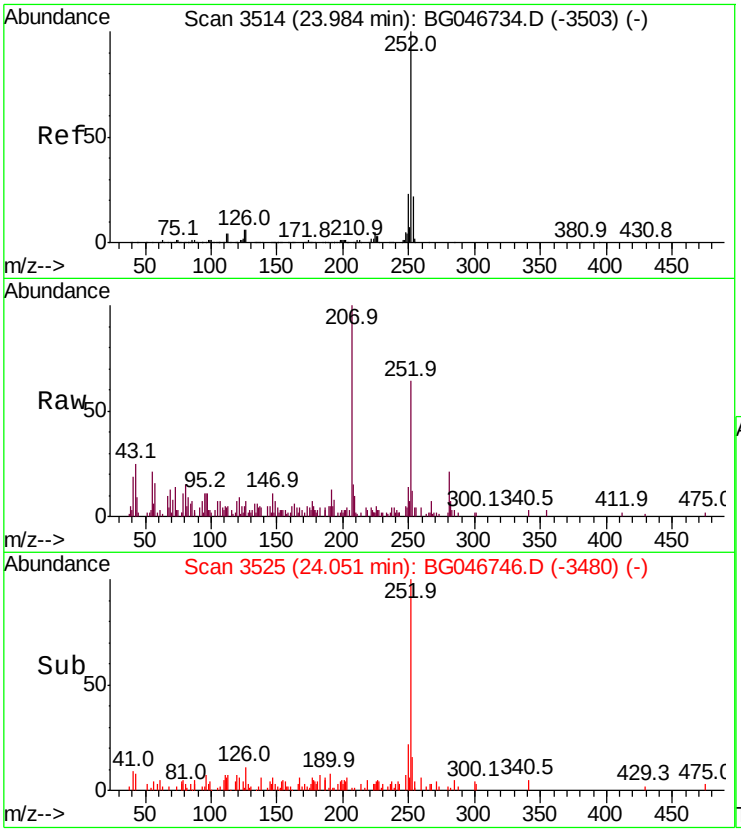




#87
Di-n-octyl phthalate
Concen: 27.587 ng/ul
RT: 22.88 min Scan# 3325
Delta R.T. -0.01 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Tgt Ion:149 Resp: 895



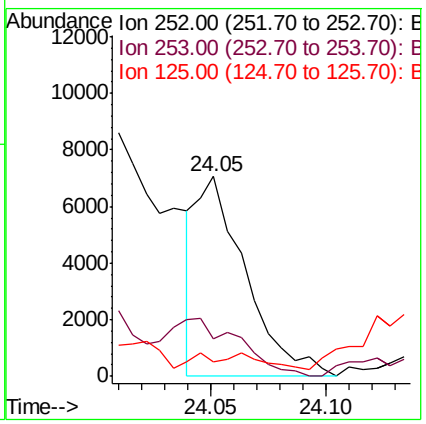


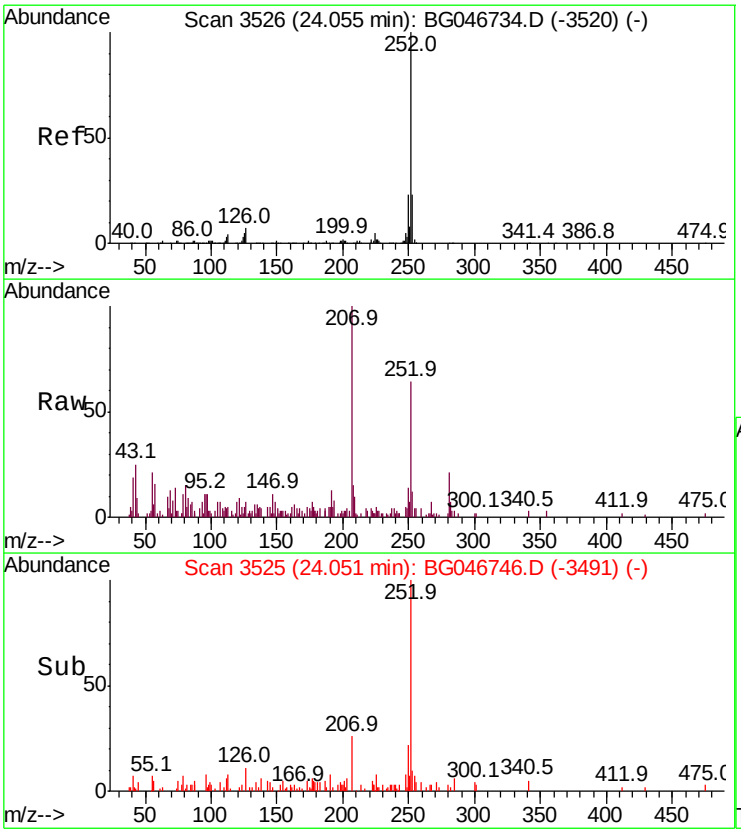
#88
Benzo(b)fluoranthene
Concen: 266.365 ng/ul
RT: 24.05 min Scan# 3525
Delta R.T. 0.06 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Instrument :
BNA_G
ClientSampleId :
CB7L1

Tgt Ion:252 Resp: 10438

Ion	Ratio	Lower	Upper
252	100		
253	18.5	17.9	26.9
125	7.1	5.0	7.4

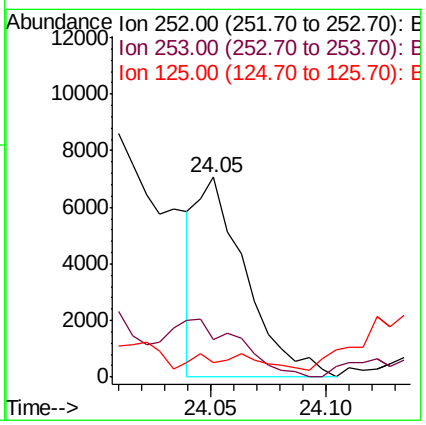


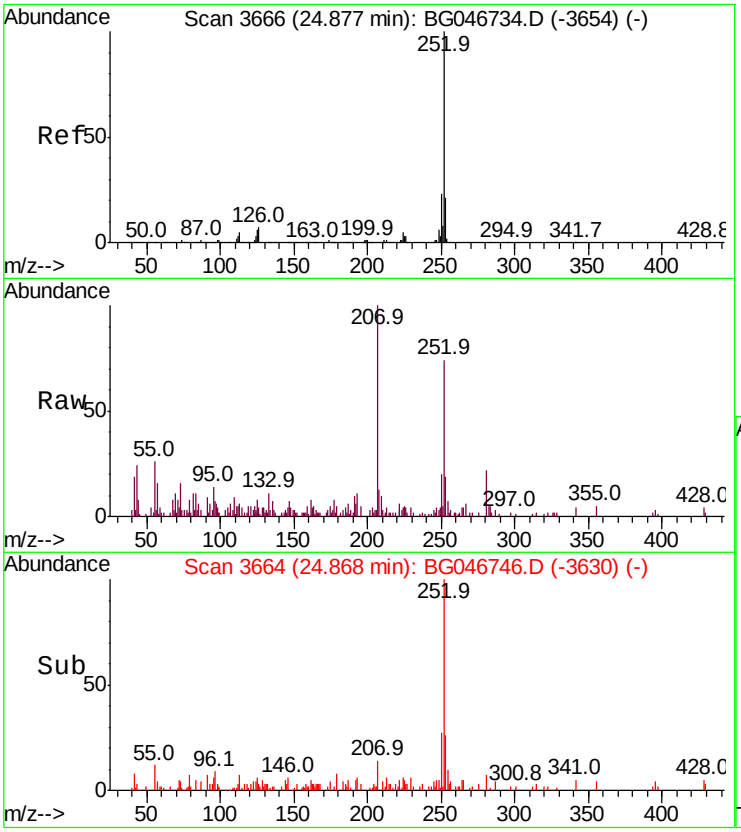


#89
Benzo(k)fluoranthene
Concen: 273.275 ng/ul
RT: 24.05 min Scan# 3525
Delta R.T. -0.00 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Tgt Ion:252 Resp: 10438

Ion	Ratio	Lower	Upper
252	100		
253	18.5	17.7	26.5
125	7.1	4.8	7.2



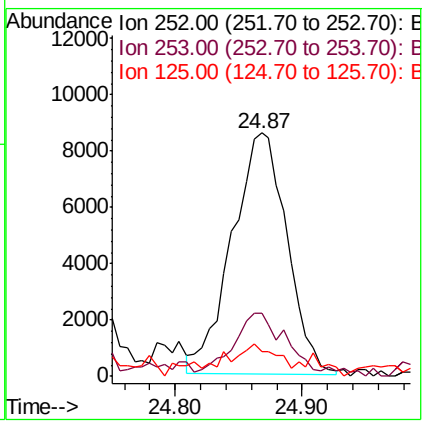


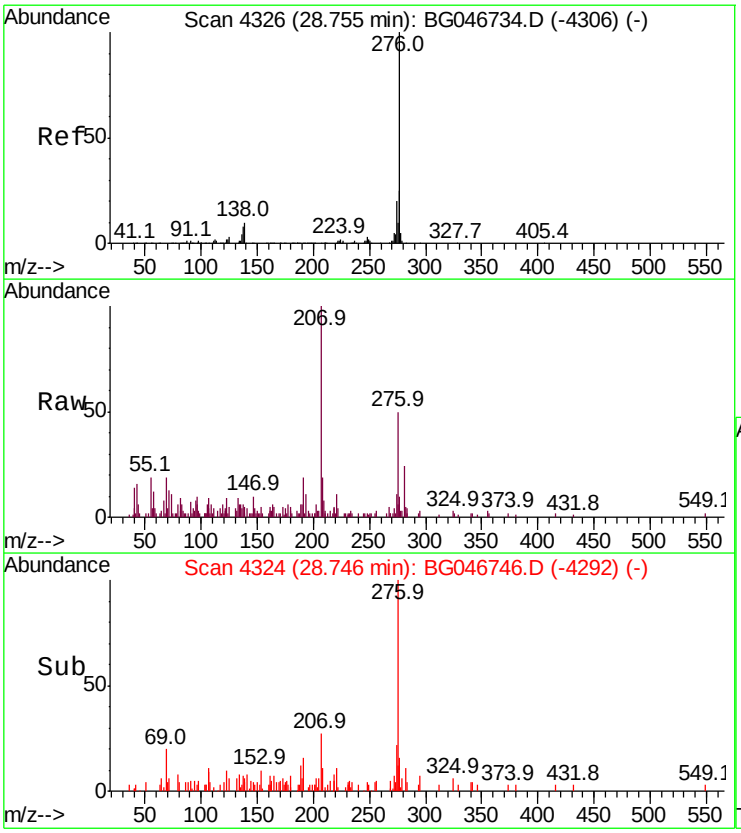
#91
Benzo(a)pyrene
Concen: 721.392 ng/ul
RT: 24.87 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Instrument :
BNA_G
ClientSampleId :
CB7L1

Tgt Ion:252 Resp: 25821

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.6	26.4
125	10.1	5.4	8.2#

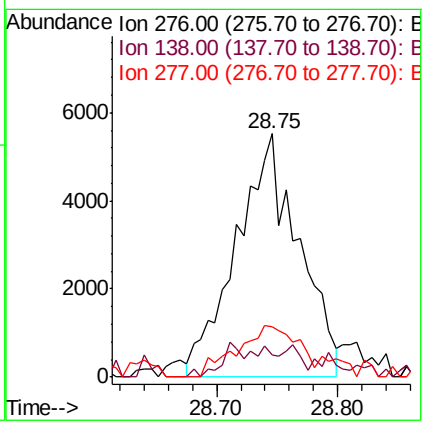


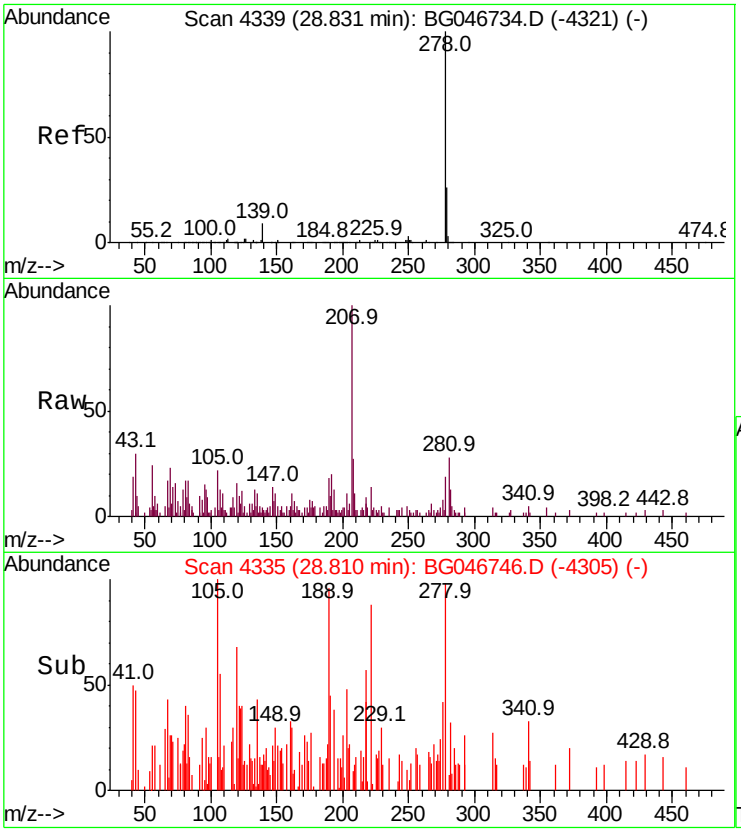


#92
Indeno(1,2,3-cd)pyrene
Concen: 449.661 ng/ul
RT: 28.75 min Scan# 4324
Delta R.T. -0.01 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Tgt Ion:276 Resp: 19747

Ion	Ratio	Lower	Upper
276	100		
138	9.3	9.7	14.5#
277	20.7	18.2	27.4



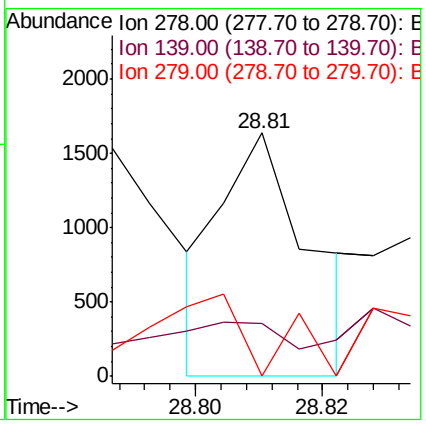


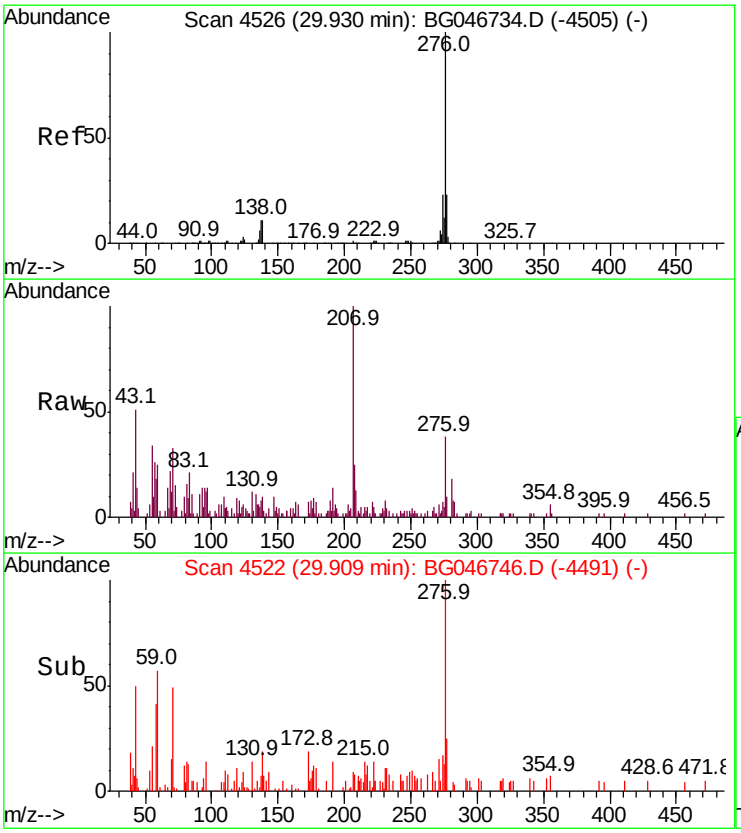
#93
Dibenzo(a,h)anthracene
Concen: 43.588 ng/ul
RT: 28.81 min Scan# 4335
Delta R.T. -0.03 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Instrument :
BNA_G
ClientSampleId :
CB7L1

Tgt Ion:278 Resp: 1586

Ion	Ratio	Lower	Upper
278	100		
139	22.0	7.2	10.8#
279	0.0	17.8	26.6#





#94
Benzo(g,h,i)perylene
Concen: 42.509 ng/ul
RT: 29.91 min Scan# 4522
Delta R.T. -0.02 min
Lab File: BG046746.D
Acq: 2 Oct 2020 21:02

Tgt Ion:276 Resp: 1564

Ion	Ratio	Lower	Upper
276	100		
138	26.2	10.2	15.4#
277	24.8	19.0	28.6