Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
Data File : BG041174.D
Acq On : 10 Jun 2019 22:04
Operator : HP/JU
Sample : K3265-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-01-(0-37)COMP

Quant Time: Jun 11 03:51:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	2118	20.00	ng	0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.93
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.74
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.48
76) Chrysene-d12	21.80	240	55	20.00	ng	0.04
87) Perylene-d12	25.12	264	58	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	336063	2861.15	ng	0.00
7) Phenol-d6	7.26	99	523197	2884.21	ng	0.01
23) Nitrobenzene-d5	9.29	82	359026	0.00	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	286621	0.00	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	772953	0.00	ng	0.00
79) Terphenyl-d14	20.08	244	1242977	479640.99	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.84	42	339	4.631	ng	# 1
6) Aniline	7.63	93	582	2.404	ng	# 1
9) Benzaldehyde	7.26	77	1220	11.274	ng	# 1
10) Phenol	7.28	94	2874	14.777	ng	# 51
11) bis(2-Chloroethyl)ether	7.63	93	582	4.125	ng	# 1
15) Benzyl Alcohol	8.43	79	5359	31.936	ng	# 41
19) n-Nitroso-di-n-propylamine	9.29	70	51128	366.253	ng	# 76
77) Benzidine	20.08	184	19579	14922.536	ng	# 96
78) Pyrene	19.89	202	5773	1614.660	ng	100
80) Butylbenzylphthalate	20.75	149	280	201.239	ng	# 40
81) Benzo(a)anthracene	21.81	228	2289	625.215	ng	# 91
82) 3,3'-Dichlorobenzidine	21.68	252	72	55.913	ng	# 4
83) Chrysene	21.88	228	71	20.265	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.66	149	671	342.580	ng	# 75
85) Di-n-octyl phthalate	22.89	149	225	68.975	ng	# 68
86) Indeno(1,2,3-cd)pyrene	28.95	276	272	63.377	ng	# 56
88) Benzo(b)fluoranthene	24.02	252	3035	862.731	ng	# 82
89) Benzo(k)fluoranthene	24.14	252	249	71.527	ng	# 1
90) Benzo(a)pyrene	24.93	252	1714	510.678	ng	# 80
91) Dibenzo(a,h)anthracene	29.00	278	71	21.171	ng	# 1
92) Benzo(g,h,i)perylene	30.14	276	232	71.205	ng	# 28

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

Quantitation Report (Not Reviewed)

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Data File : BG041174.D
Acq On : 10 Jun 2019 22:04
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
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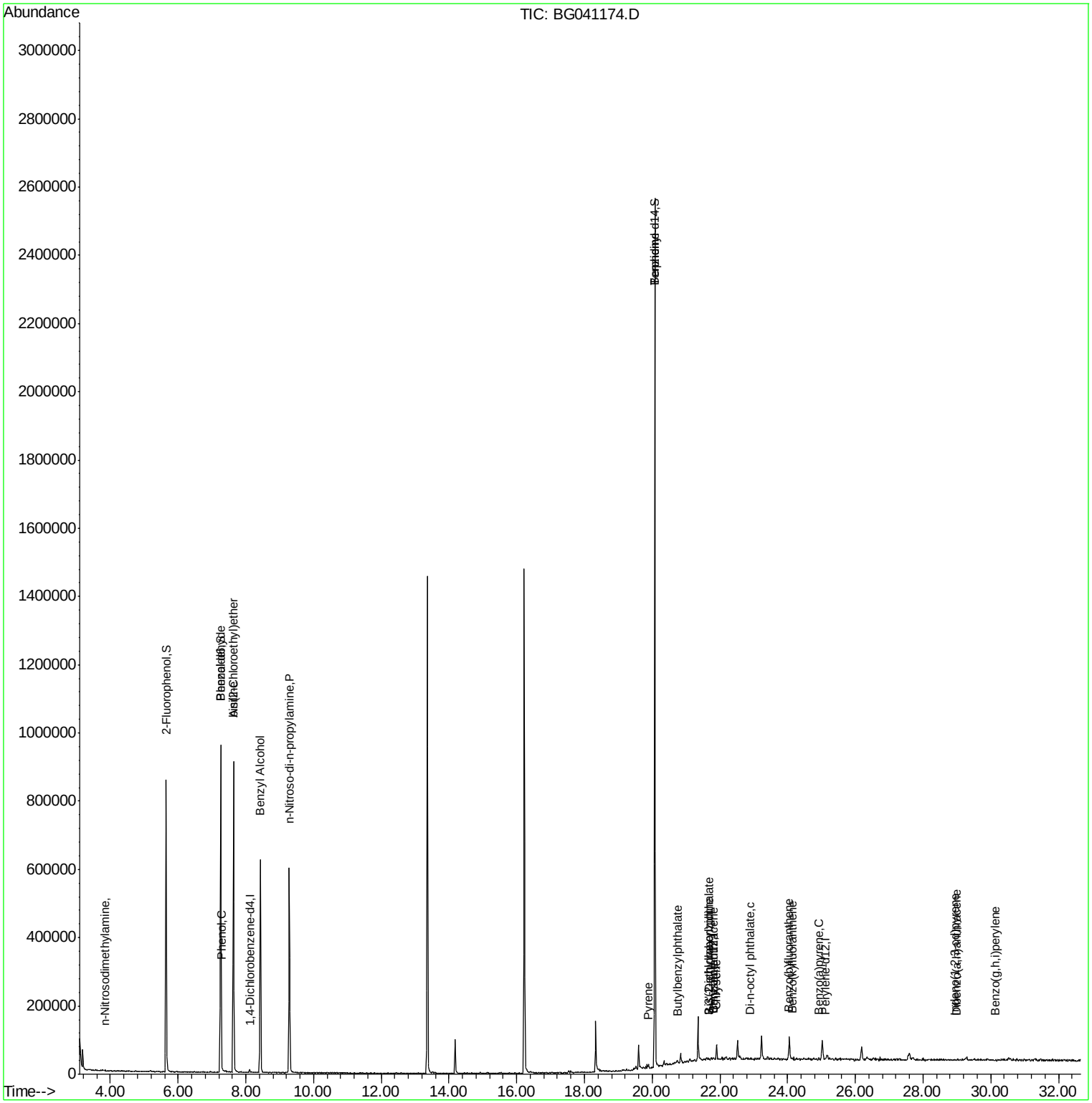
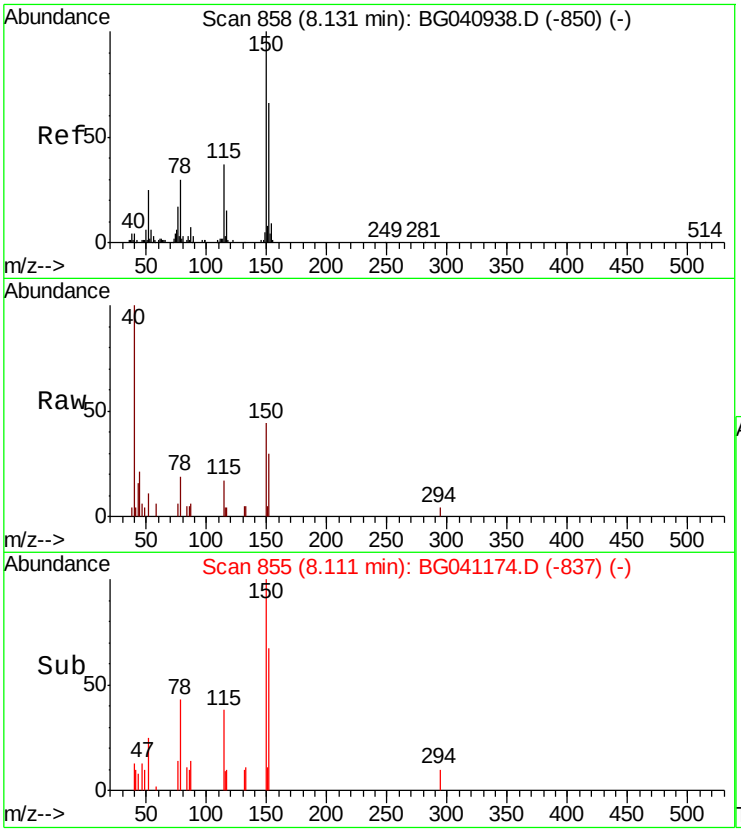


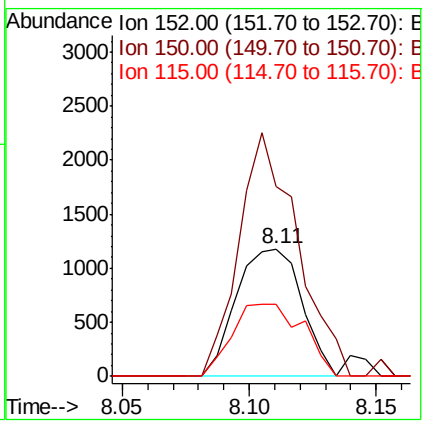


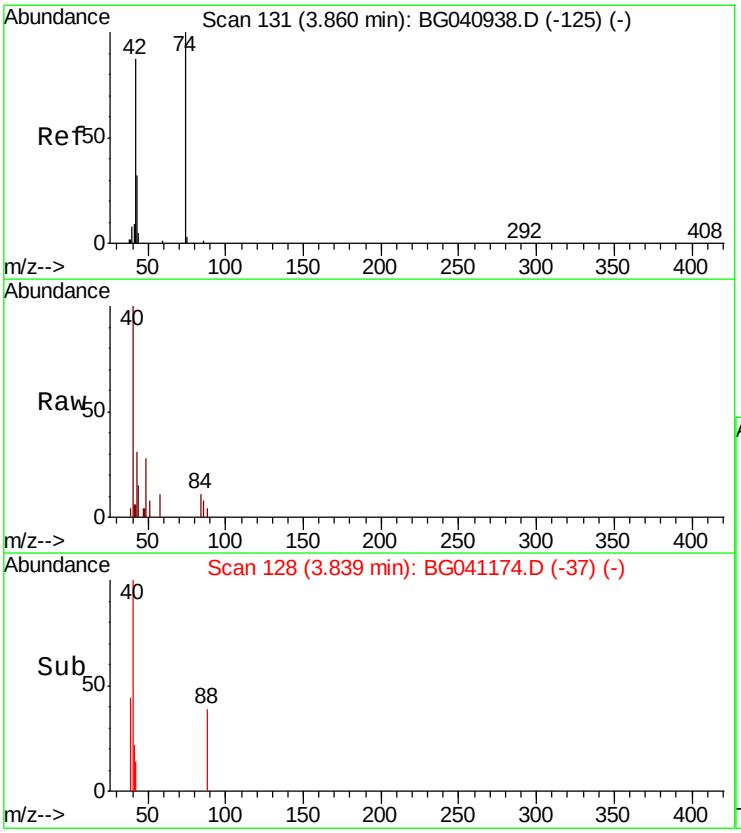
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. 0.01 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMP

Tgt Ion:152 Resp: 2118

Ion	Ratio	Lower	Upper
152	100		
150	148.9	120.6	180.8
115	56.1	45.1	67.7

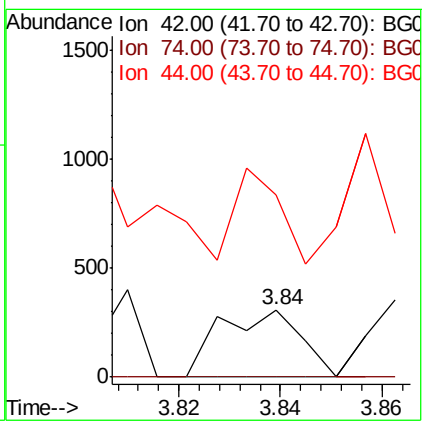


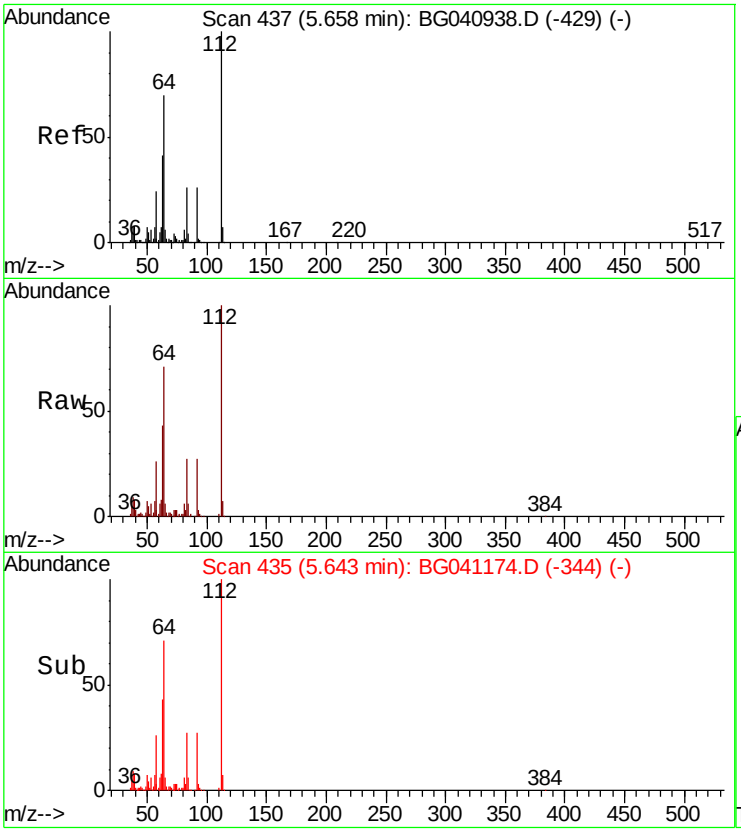


#4
n-Nitrosodimethylamine
Concen: 4.631 ng
RT: 3.84 min Scan# 128
Delta R.T. 0.01 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Tgt Ion: 42 Resp: 339

Ion	Ratio	Lower	Upper
42	100		
74	0.0	91.8	137.6#
44	269.0	6.0	9.0#



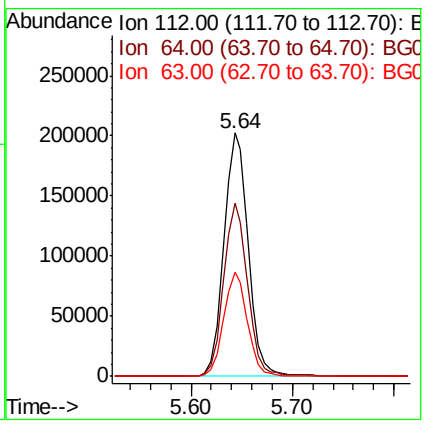


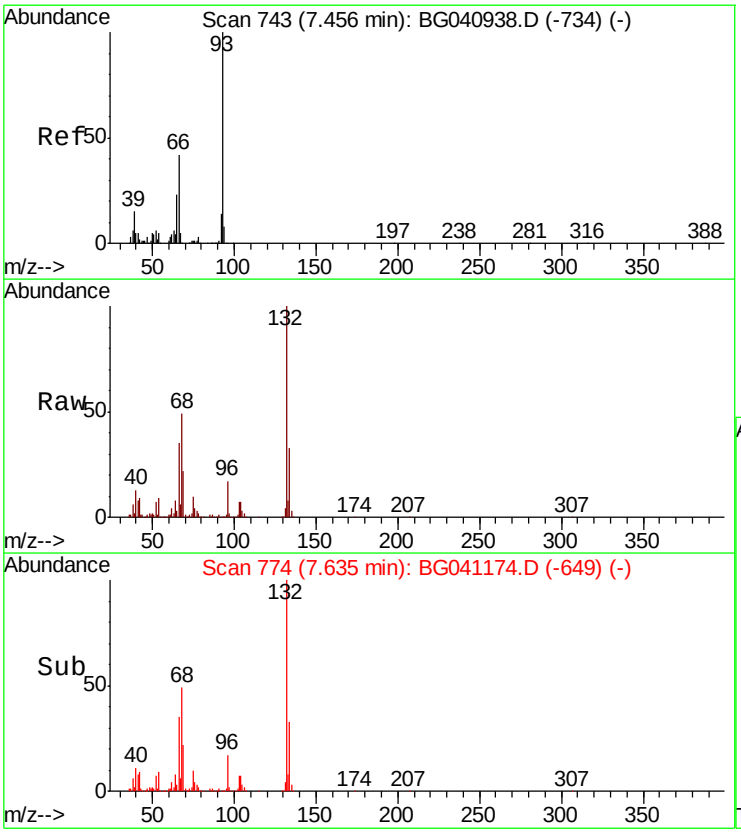
#5
2-Fluorophenol
Concen: 2861.155 ng
RT: 5.64 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Instrument : BNA_G
ClientSampleId : B-01-(0-37)COMP

Tgt Ion:112 Resp: 336063

Ion	Ratio	Lower	Upper
112	100		
64	71.2	56.2	84.2
63	42.7	32.8	49.2

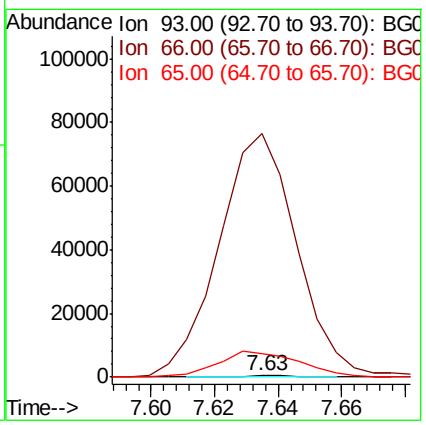


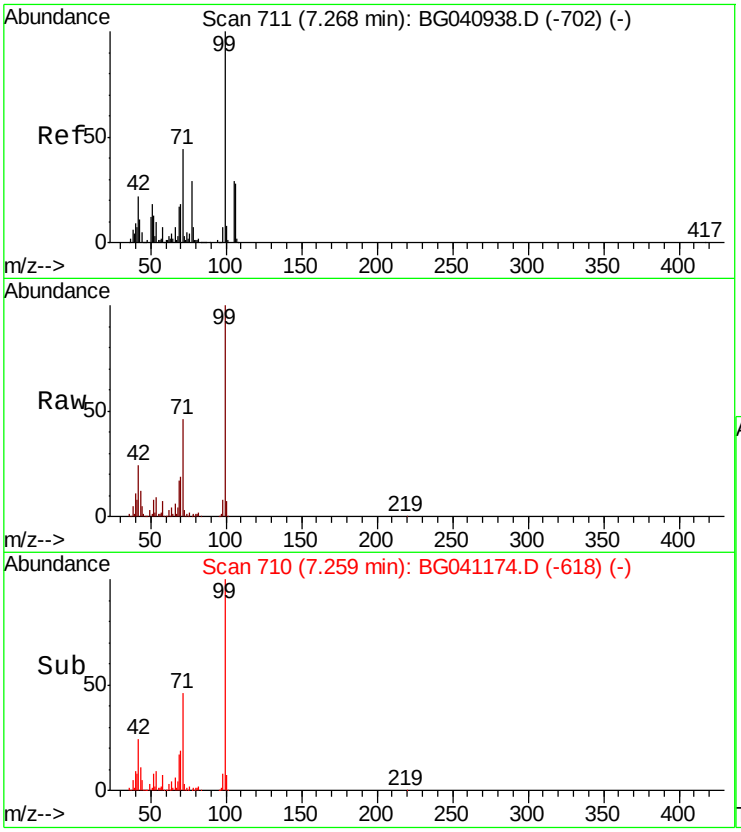


#6
Aniline
Concen: 2.404 ng
RT: 7.63 min Scan# 774
Delta R.T. 0.21 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Tgt Ion: 93 Resp: 582

Ion	Ratio	Lower	Upper
93	100		
66	16452.5	33.8	50.8#
65	1569.7	18.3	27.5#



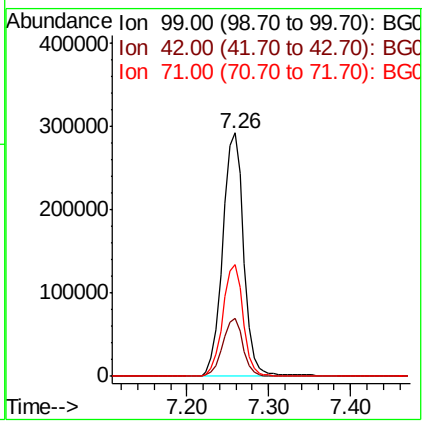


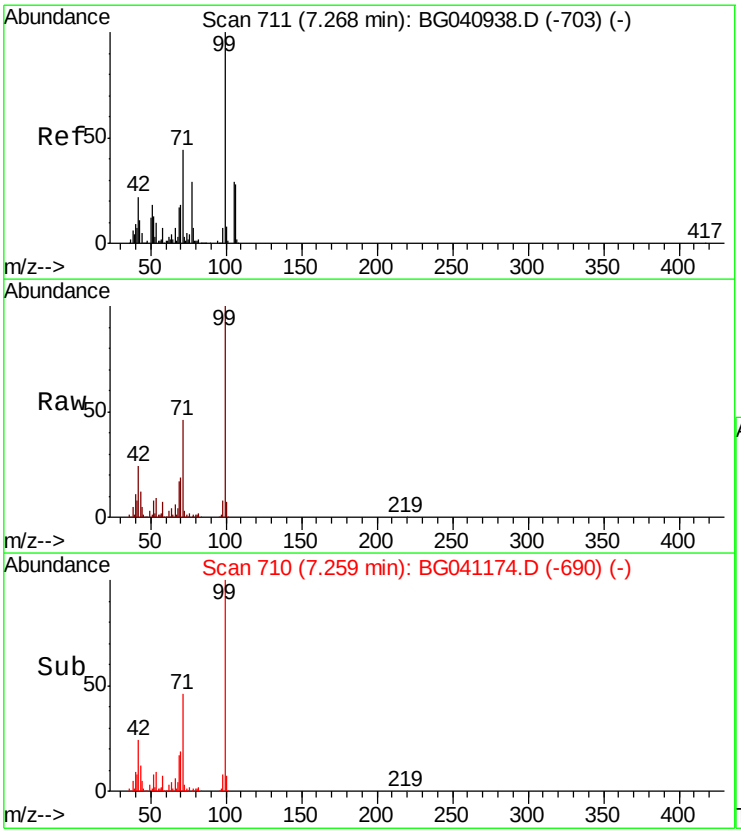
#7
Phenol-d6
Concen: 2884.214 ng
RT: 7.26 min Scan# 710
Delta R.T. 0.01 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMP

Tgt Ion: 99 Resp: 523197

Ion	Ratio	Lower	Upper
99	100		
42	23.9	17.9	26.9
71	46.1	35.4	53.0

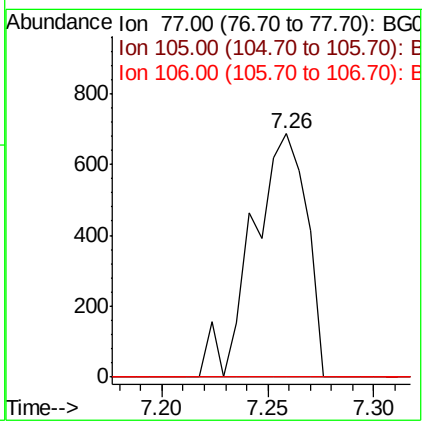


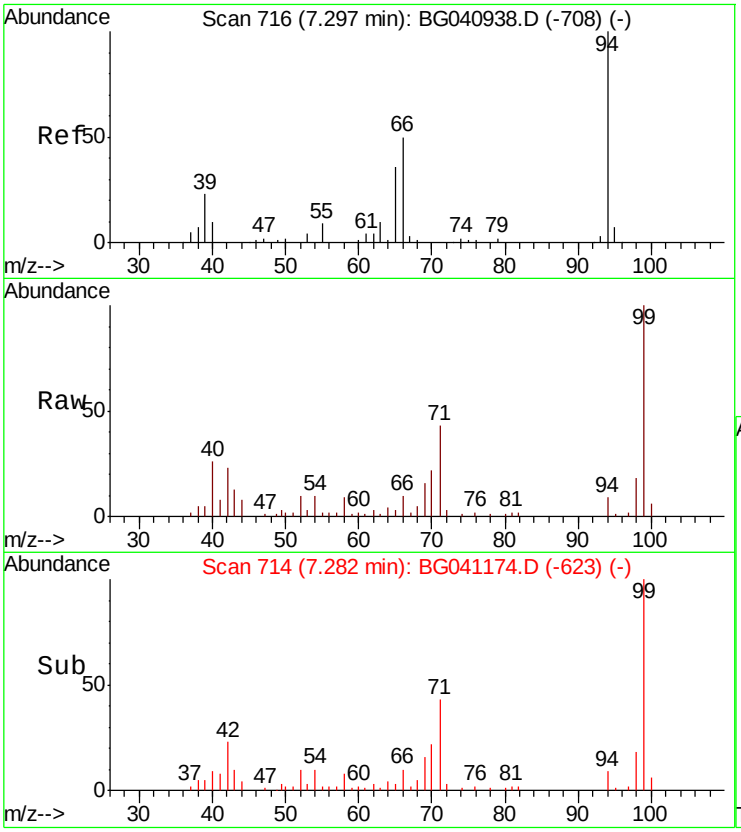


#9
Benzaldehyde
Concen: 11.274 ng
RT: 7.26 min Scan# 710
Delta R.T. 0.02 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Tgt Ion: 77 Resp: 1220

Ion	Ratio	Lower	Upper
77	100		
105	0.0	78.9	118.9#
106	0.0	76.7	116.7#



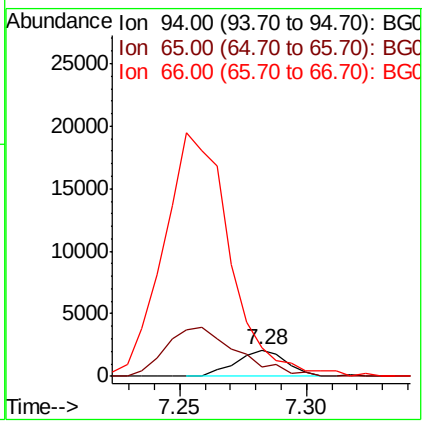


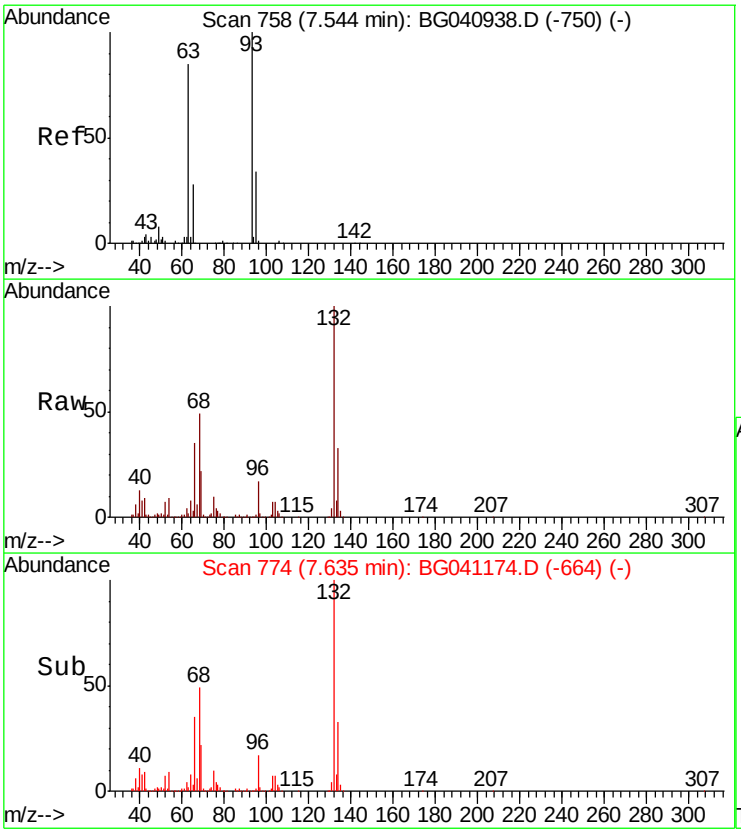
#10
Phenol
Concen: 14.777 ng
RT: 7.28 min Scan# 714
Delta R.T. 0.01 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMP

Tgt Ion: 94 Resp: 2874

Ion	Ratio	Lower	Upper
94	100		
65	33.5	17.0	57.0
66	108.4	32.4	72.4#

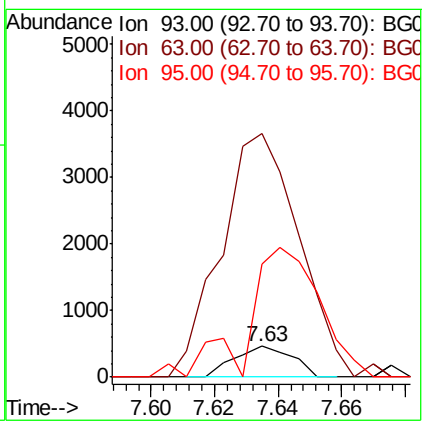


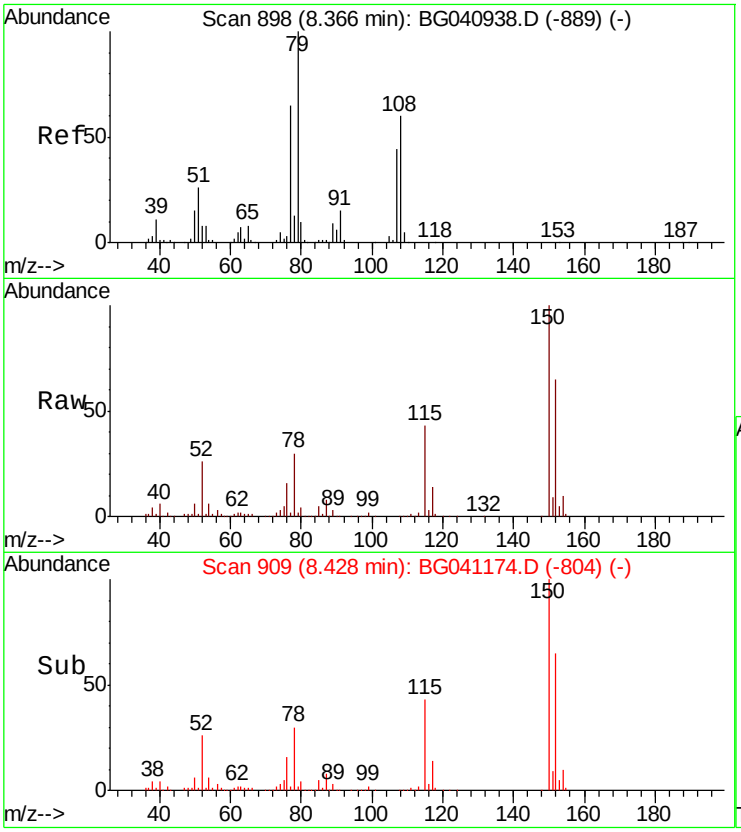


#11
bis(2-Chloroethyl)ether
Concen: 4.125 ng
RT: 7.63 min Scan# 774
Delta R.T. 0.12 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Tgt Ion: 93 Resp: 582

Ion	Ratio	Lower	Upper
93	100		
63	786.9	64.5	104.5#
95	365.8	13.3	53.3#



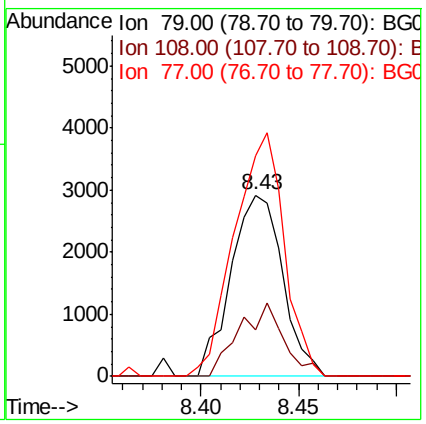


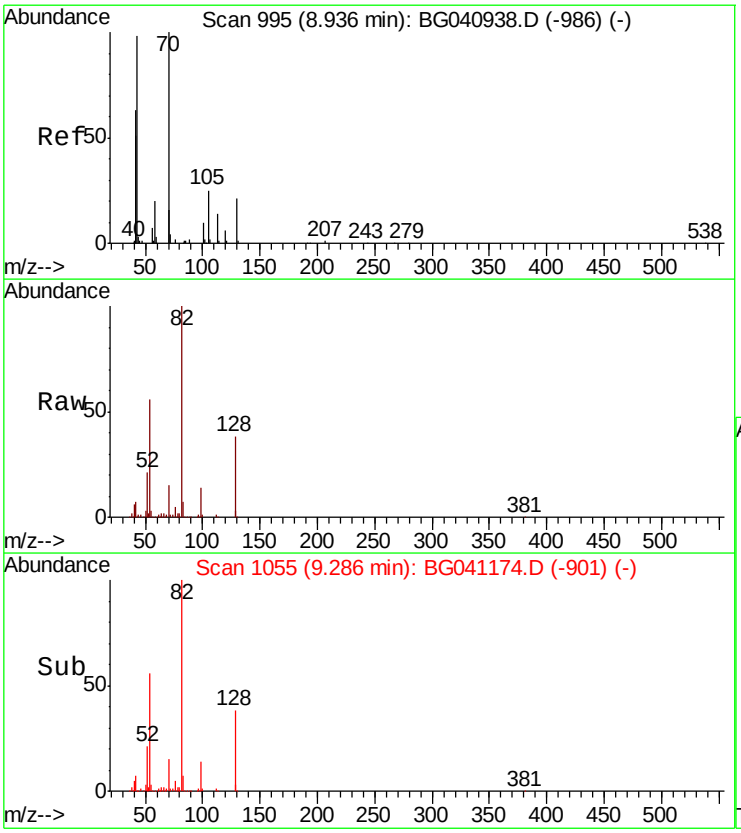
#15
Benzyl Alcohol
Concen: 31.936 ng
RT: 8.43 min Scan# 909
Delta R.T. 0.09 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMP

Tgt Ion: 79 Resp: 5359

Ion	Ratio	Lower	Upper
79	100		
108	25.7	48.3	72.5#
77	121.6	52.3	78.5#

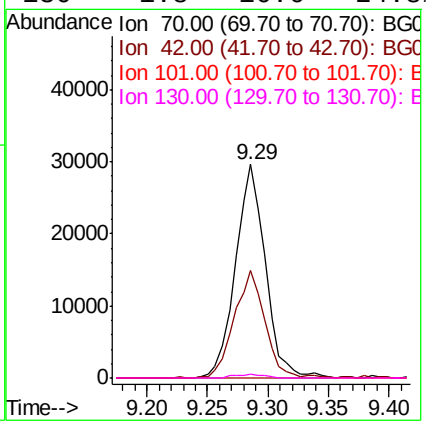


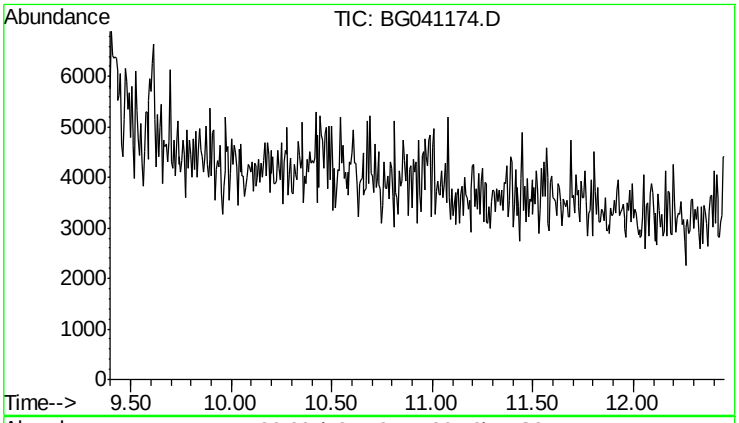


#19
n-Nitroso-di-n-propylamine
Concen: 366.253 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.38 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Tgt Ion: 70 Resp: 51128

Ion	Ratio	Lower	Upper
70	100		
42	50.2	51.5	77.3#
101	0.0	8.1	12.1#
130	1.8	16.6	24.8#





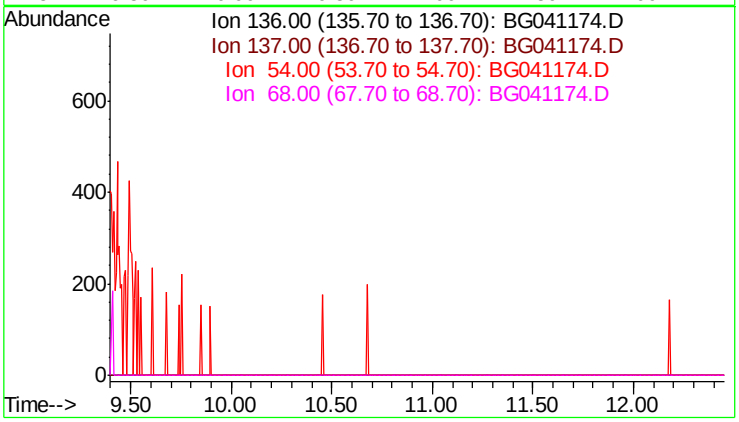
#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 10.93 min

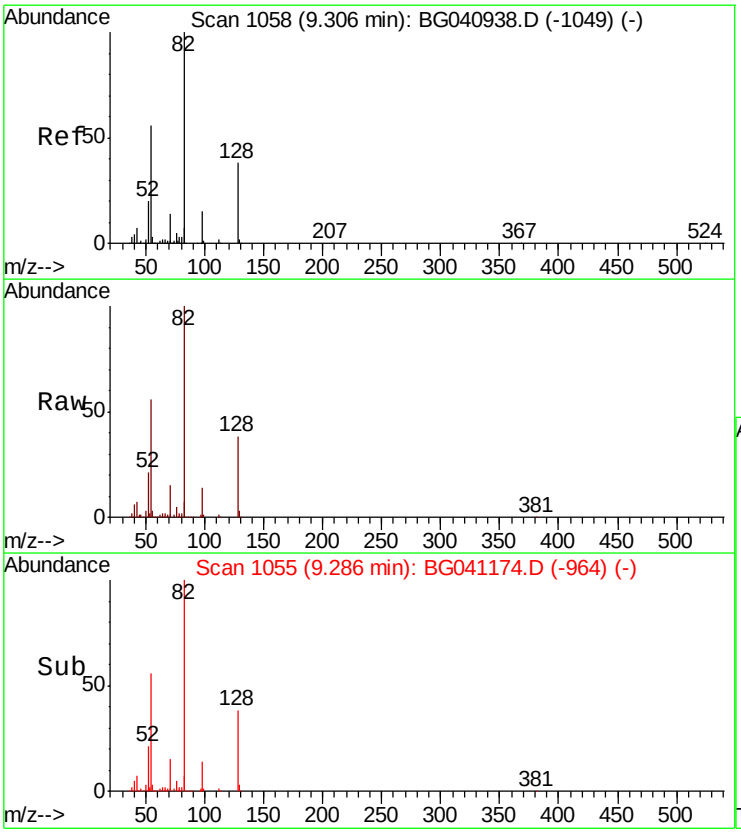
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMP

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.9
54	9.5
68	4.9

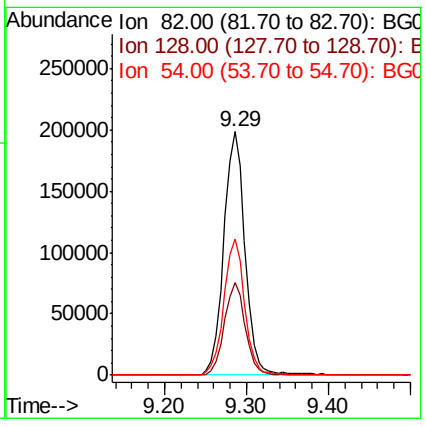


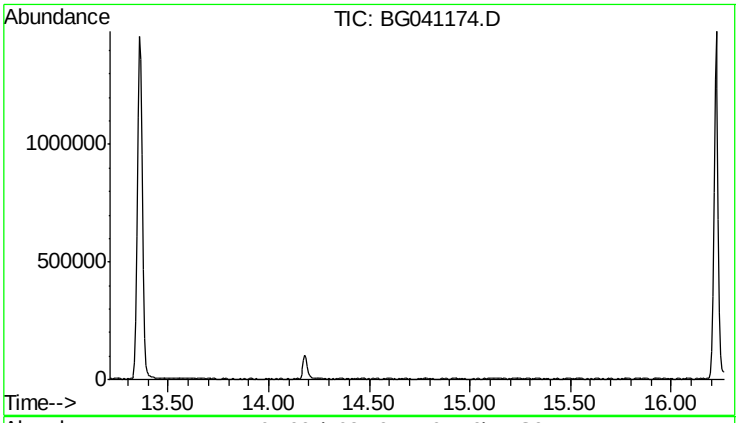


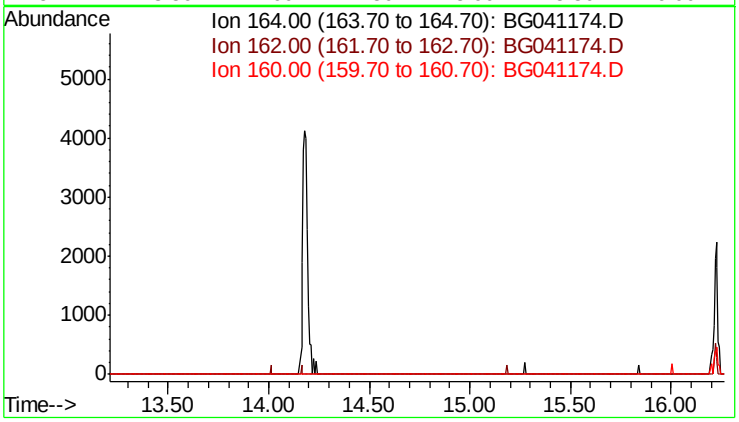
#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Tgt Ion: 82 Resp: 359026

Ion	Ratio	Lower	Upper
82	100		
128	38.1	30.5	45.7
54	56.0	44.6	66.8







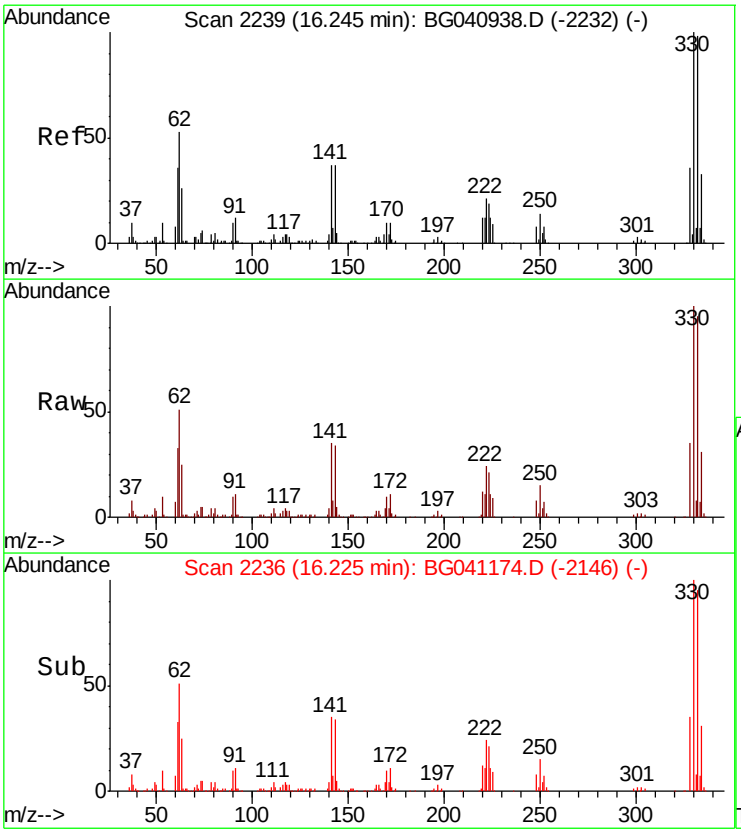
#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.74 min

Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	103.7
160	44.5

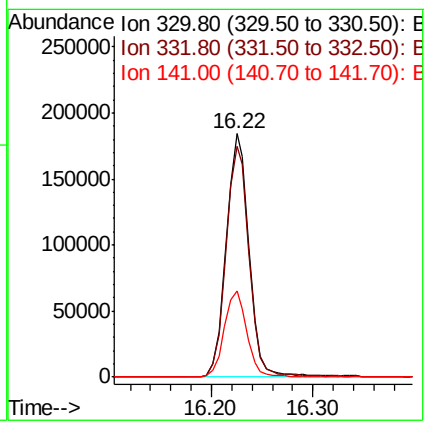
Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMP

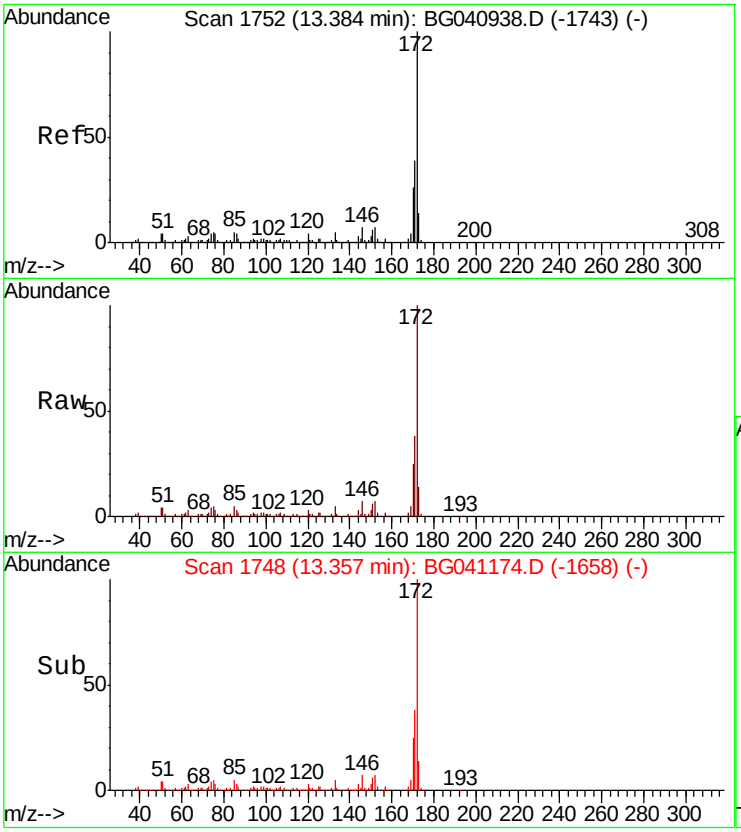


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 16.22 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Tgt Ion:330 Resp: 286621

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.5	117.7
141	35.3	28.7	43.1



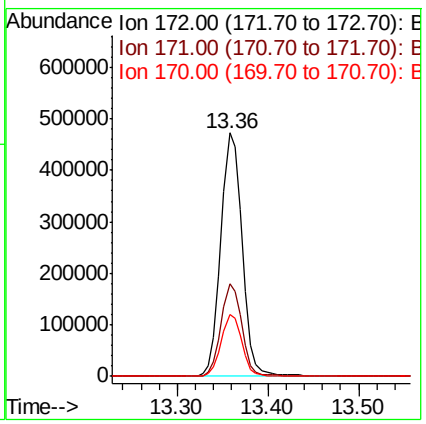


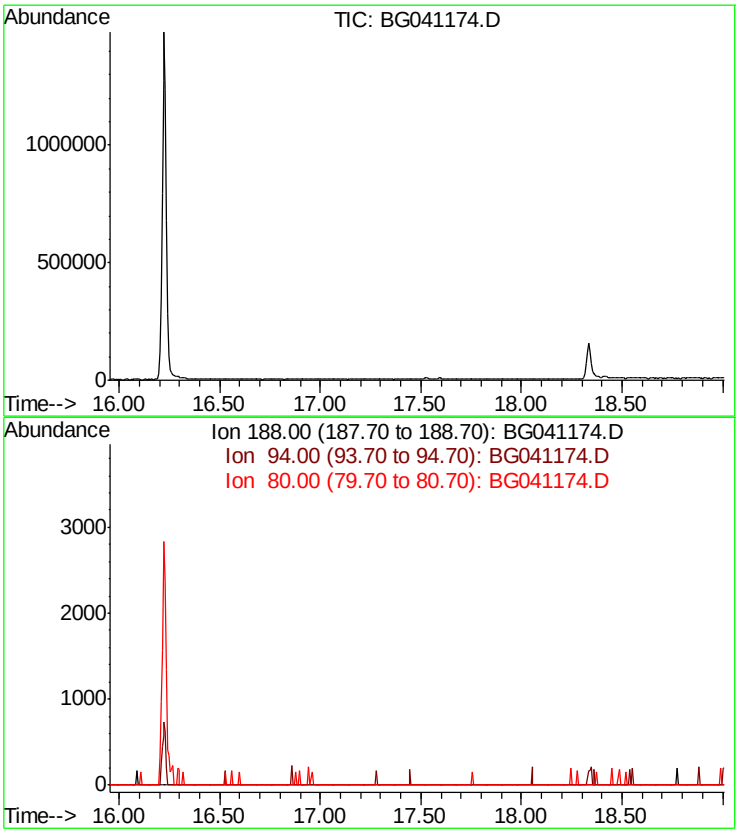
#45
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMP

Tgt Ion:172 Resp: 772953

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	25.4	20.5	30.7



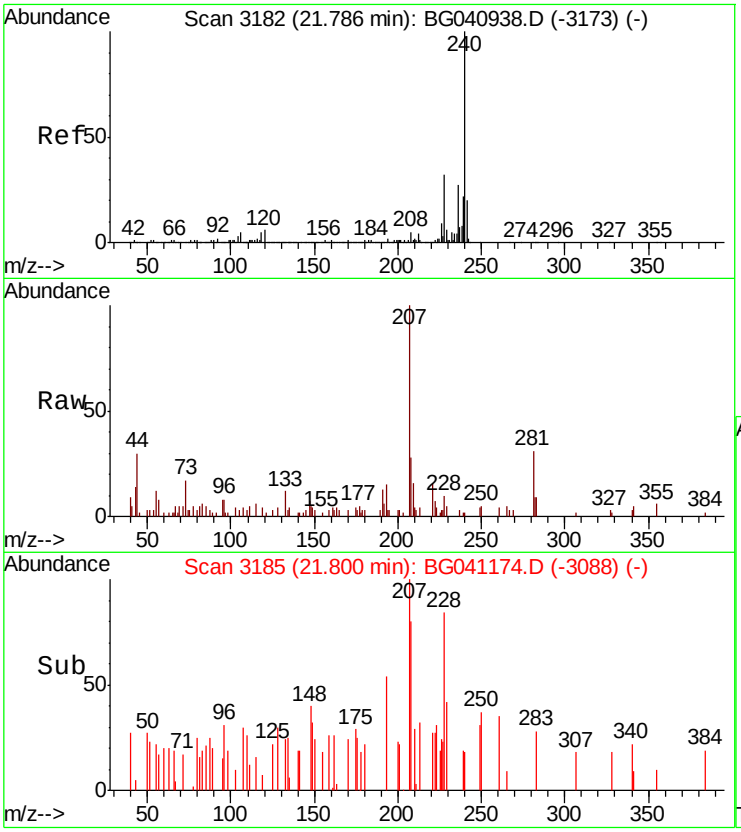


#64
Phenanthrene-d10
Concen: 0.000 ng
Expected RT: 17.48 min

Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	5.9
80	7.3

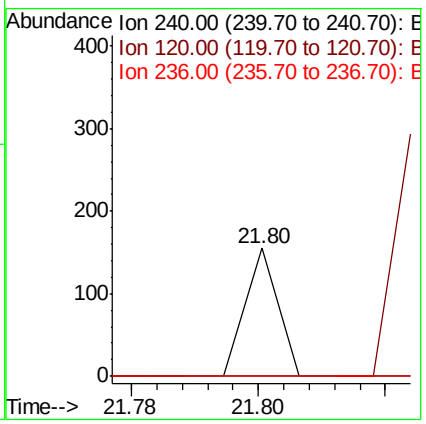


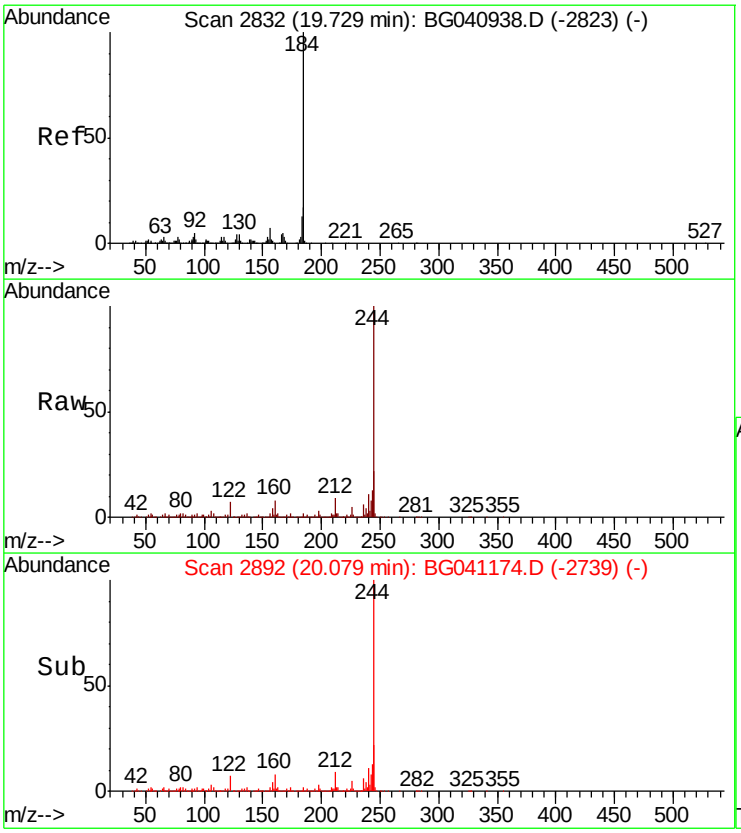
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. 0.04 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMP

Tgt Ion:240 Resp: 55

Ion	Ratio	Lower	Upper
240	100		
120	0.0	4.5	6.7#
236	0.0	21.3	31.9#

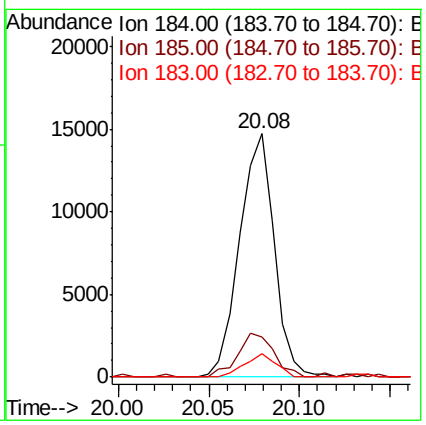


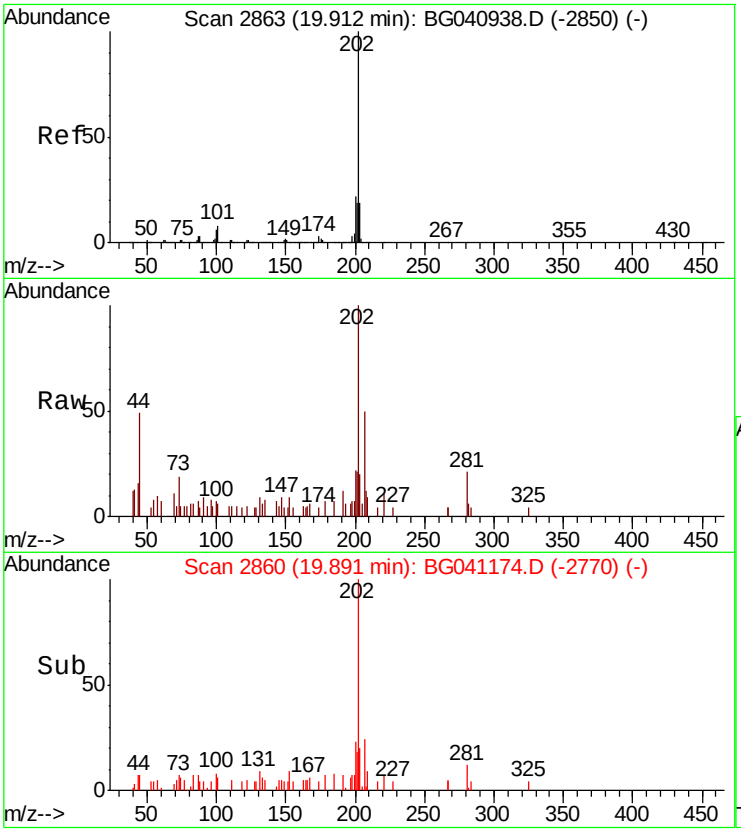


#77
Benzidine
Concen: 14922.536 ng
RT: 20.08 min Scan# 2892
Delta R.T. 0.37 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Tgt Ion:184 Resp: 19579

Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.3	19.9
183	9.9	10.7	16.1#



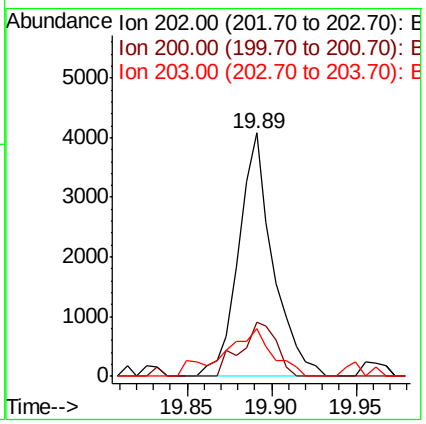


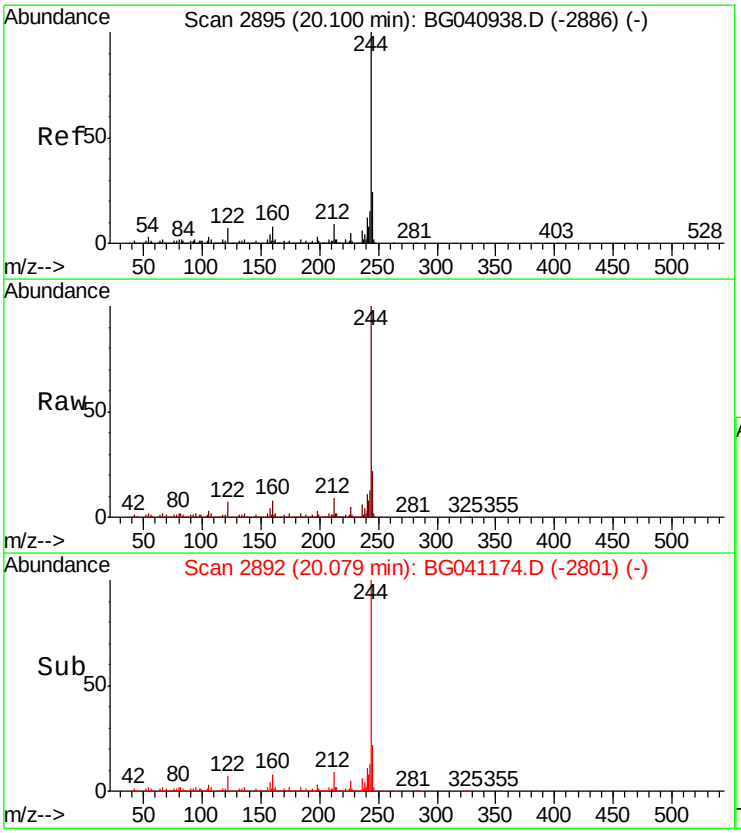
#78
Pyrene
Concen: 1614.660 ng
RT: 19.89 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMP

Tgt Ion:202 Resp: 5773

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.5	26.3
203	19.6	15.6	23.4

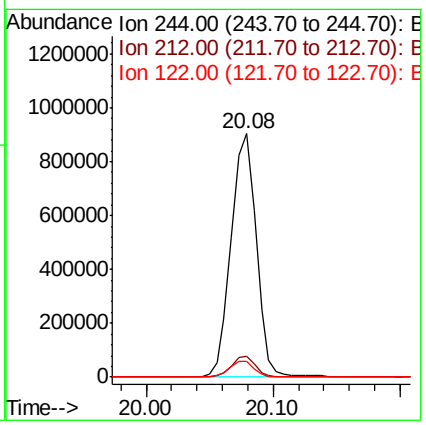


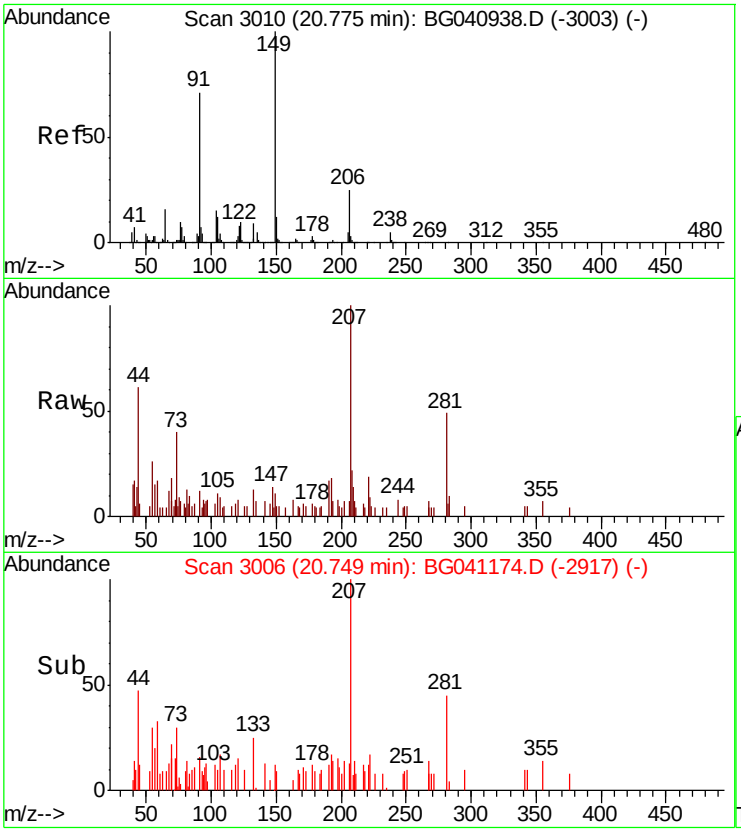


#79
Terphenyl-d14
Concen: 479640.991 ng
RT: 20.08 min Scan# 2892
Delta R.T. 0.01 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Tgt Ion:244 Resp: 1242977

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.4
122	6.7	5.4	8.0



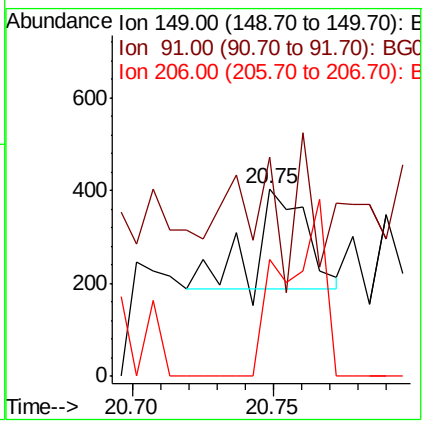


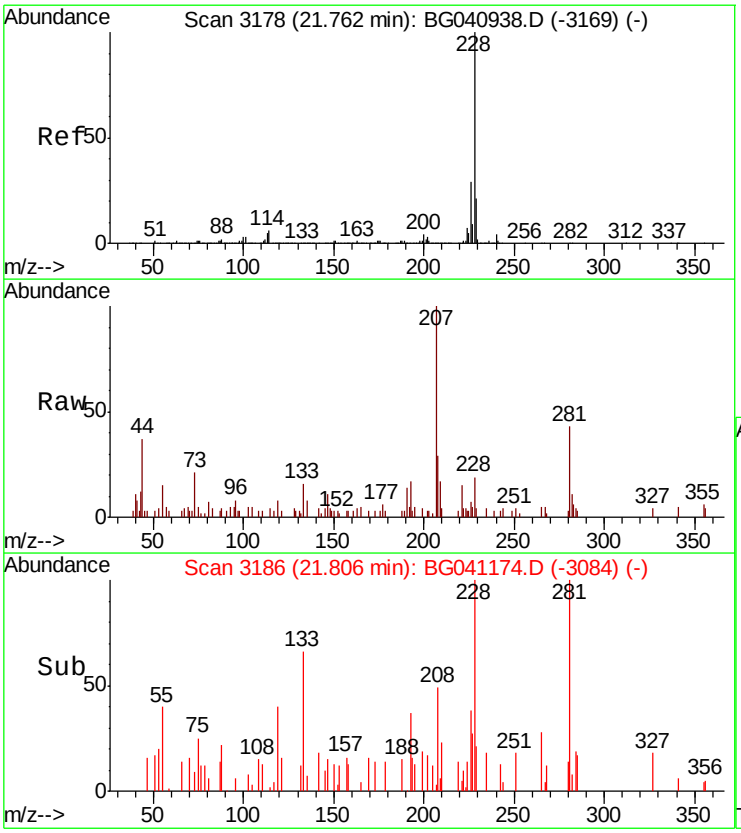
#80
Butylbenzylphthalate
Concen: 201.239 ng
RT: 20.75 min Scan# 3006
Delta R.T. -0.01 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMP

Tgt Ion:149 Resp: 280

Ion	Ratio	Lower	Upper
149	100		
91	116.6	56.5	84.7#
206	62.1	20.3	30.5#

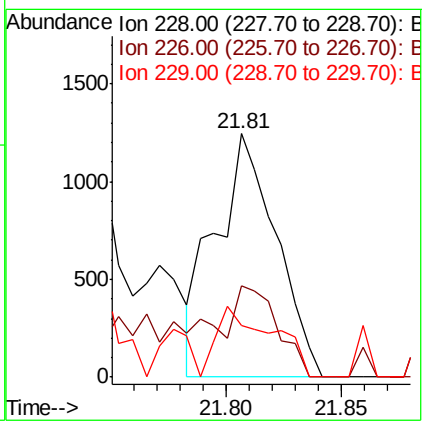


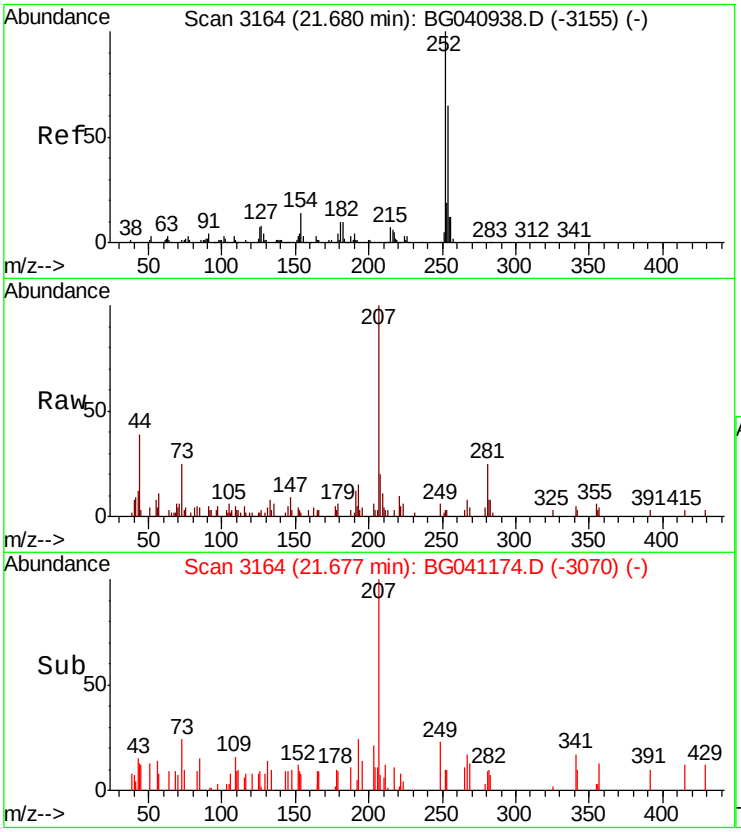


#81
Benzo(a)anthracene
Concen: 625.215 ng
RT: 21.81 min Scan# 3186
Delta R.T. 0.07 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Tgt Ion:228 Resp: 2289

Ion	Ratio	Lower	Upper
228	100		
226	37.6	23.5	35.3#
229	21.3	16.7	25.1



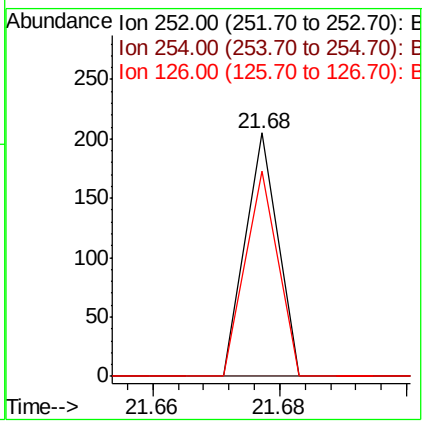


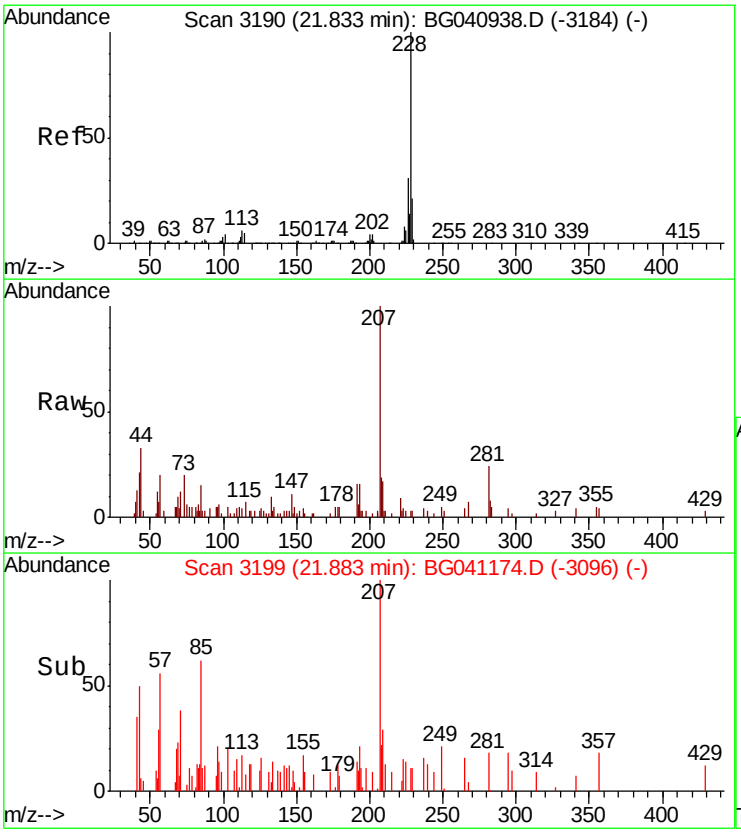
#82
3,3'-Dichlorobenzidine
Concen: 55.913 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.02 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMP

Tgt Ion:252 Resp: 72

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.1	78.1#
126	84.4	5.5	8.3#

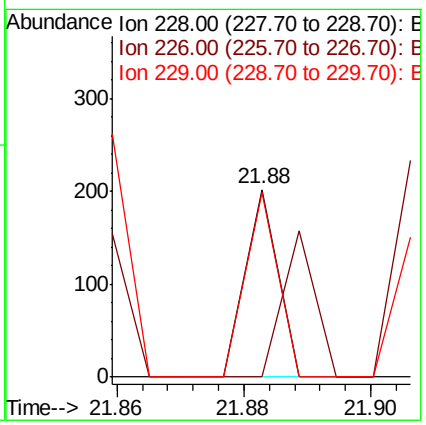


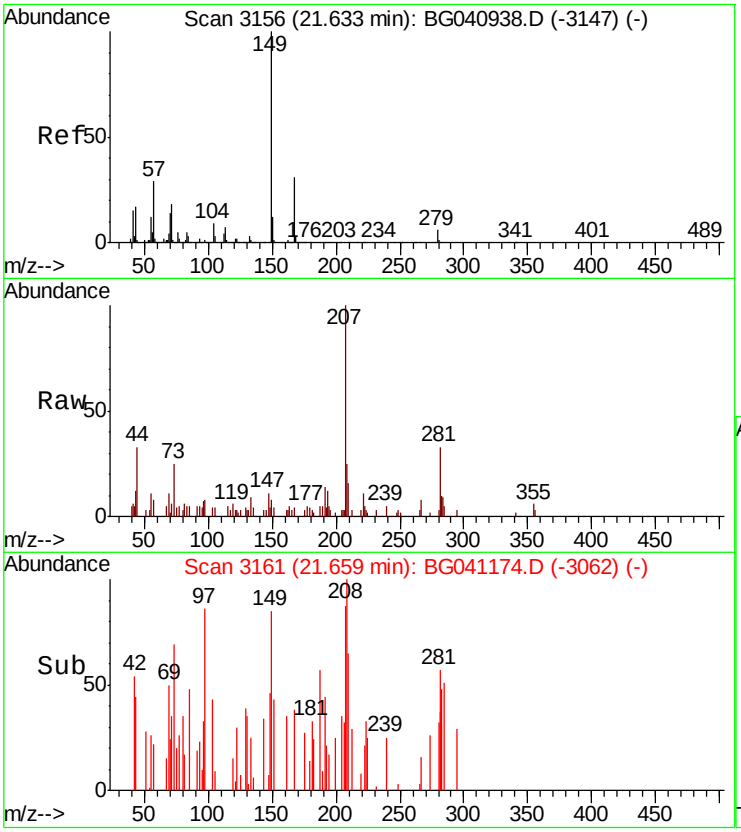


#83
Chrysene
Concen: 20.265 ng
RT: 21.88 min Scan# 3199
Delta R.T. 0.08 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Tgt Ion:228 Resp: 71

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.6	37.0#
229	98.5	16.6	24.8#



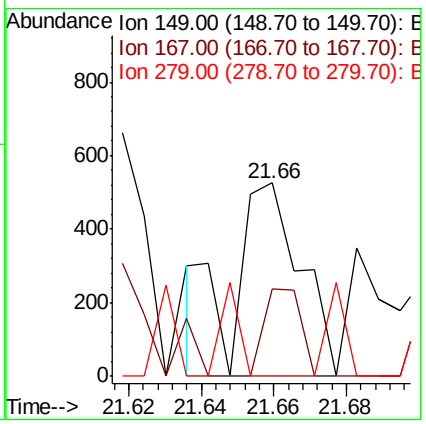


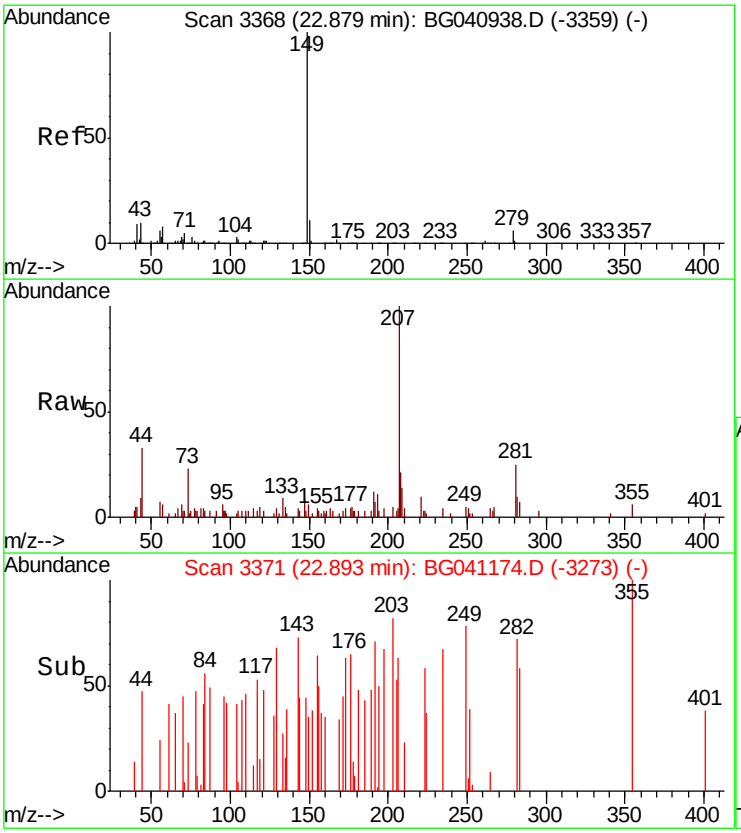
#84
Bis(2-ethylhexyl)phthalate
Concen: 342.580 ng
RT: 21.66 min Scan# 3161
Delta R.T. 0.05 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMP

Tgt Ion:149 Resp: 671

Ion	Ratio	Lower	Upper
149	100		
167	45.1	24.6	37.0#
279	0.0	5.0	7.6#

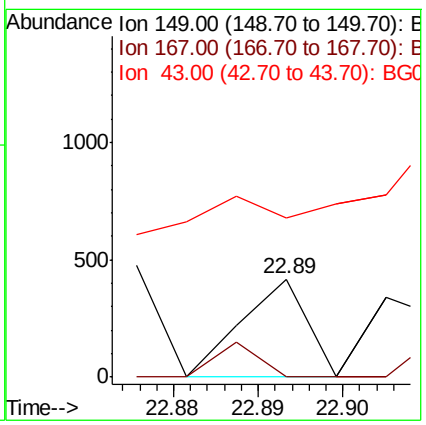


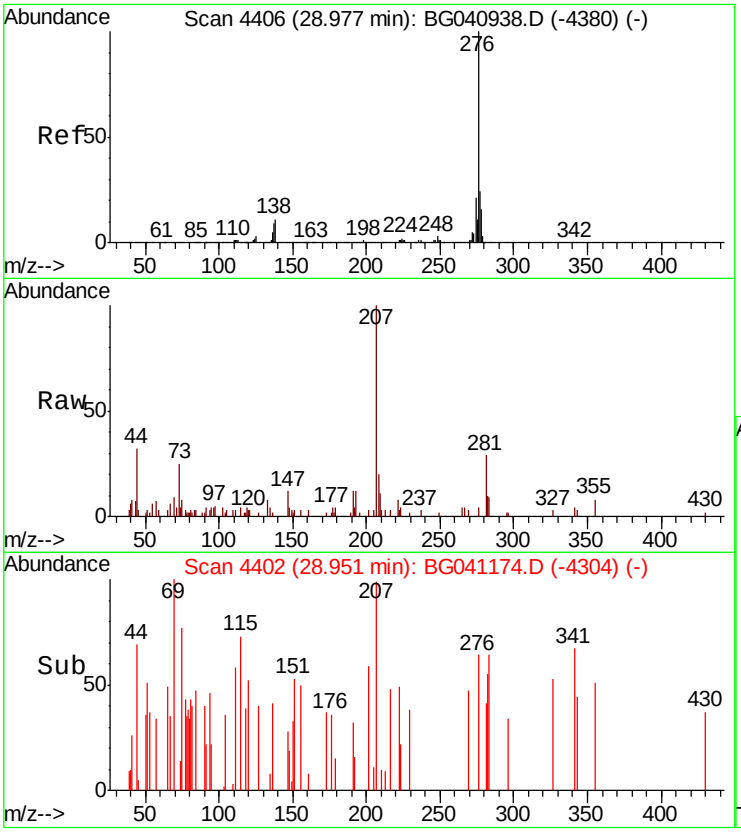


#85
Di-n-octyl phthalate
Concen: 68.975 ng
RT: 22.89 min Scan# 3371
Delta R.T. 0.05 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Tgt Ion:149 Resp: 225

Ion	Ratio	Lower	Upper
149	100		
167	23.6	1.4	2.0#
43	0.0	8.1	12.1#



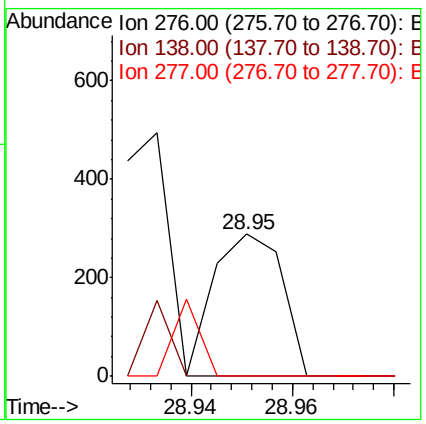


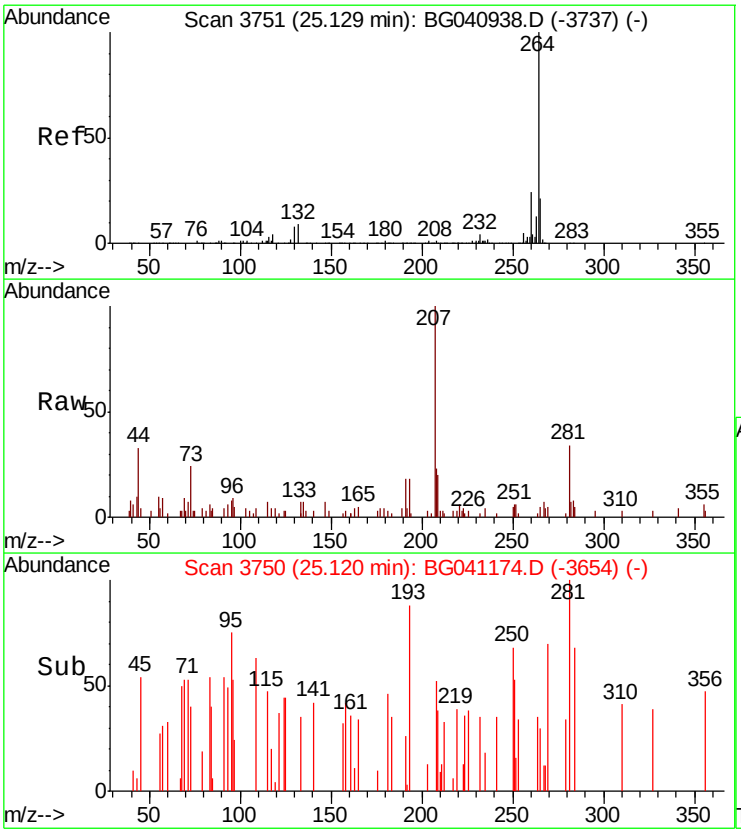
#86
Indeno(1,2,3-cd)pyrene
Concen: 63.377 ng
RT: 28.95 min Scan# 4402
Delta R.T. 0.05 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMP

Tgt Ion:276 Resp: 272

Ion	Ratio	Lower	Upper
276	100		
138	0.0	5.7	8.5#
277	0.0	20.8	31.2#

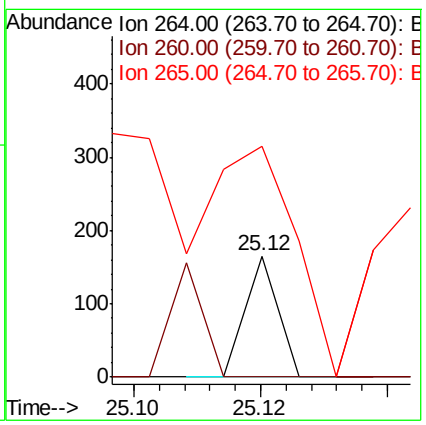


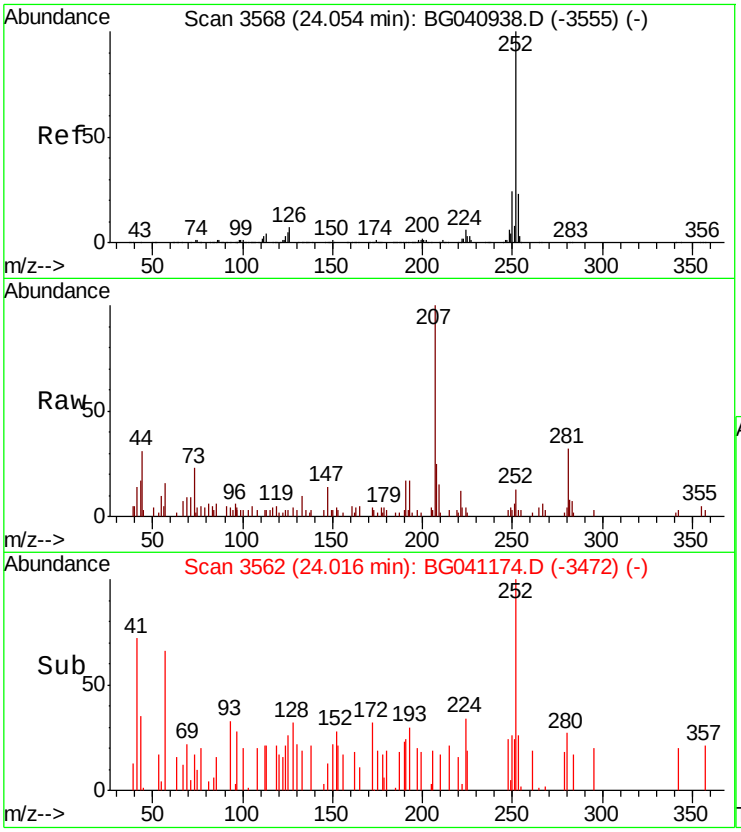


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3750
Delta R.T. 0.04 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Tgt Ion:264 Resp: 58

Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.0	28.4#
265	190.9	17.0	25.4#



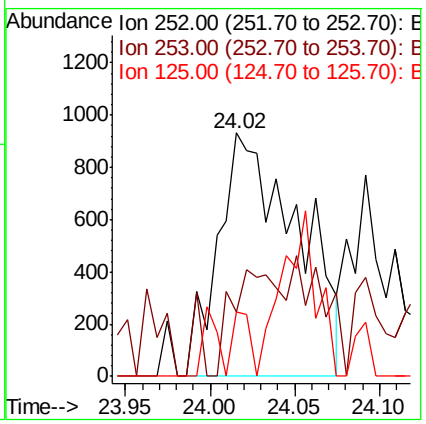


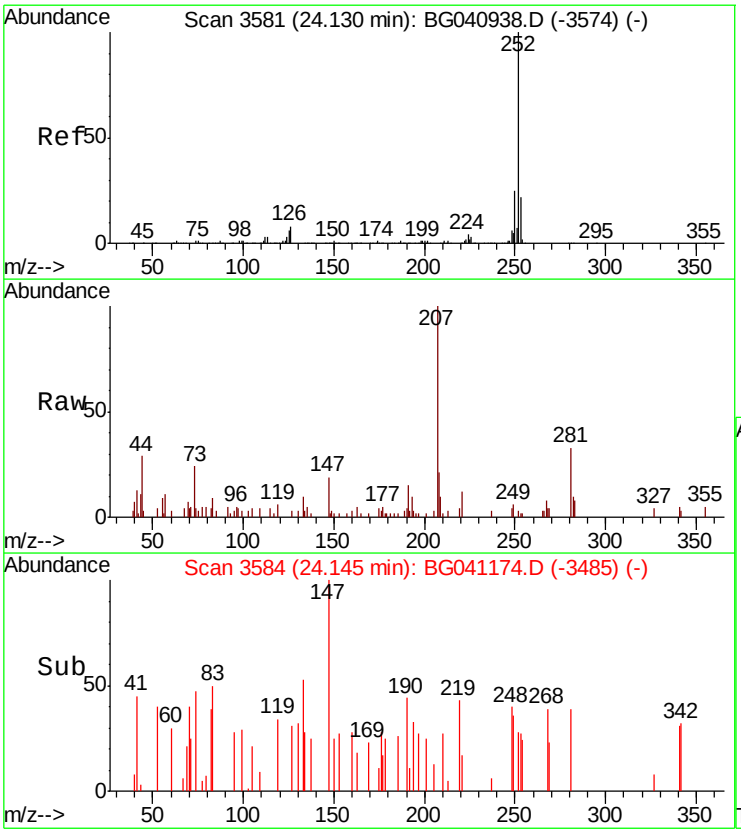
#88
Benzo(b)fluoranthene
Concen: 862.731 ng
RT: 24.02 min Scan# 3562
Delta R.T. -0.00 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMP

Tgt Ion:252 Resp: 3035

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.4	27.6
125	26.4	4.3	6.5#

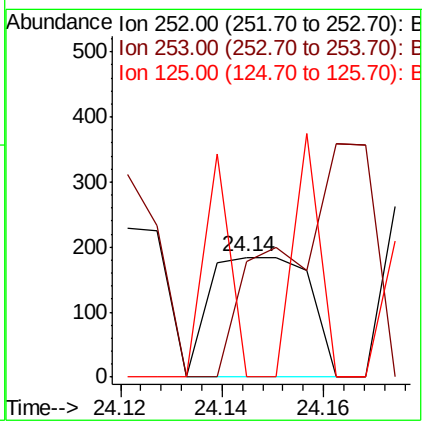


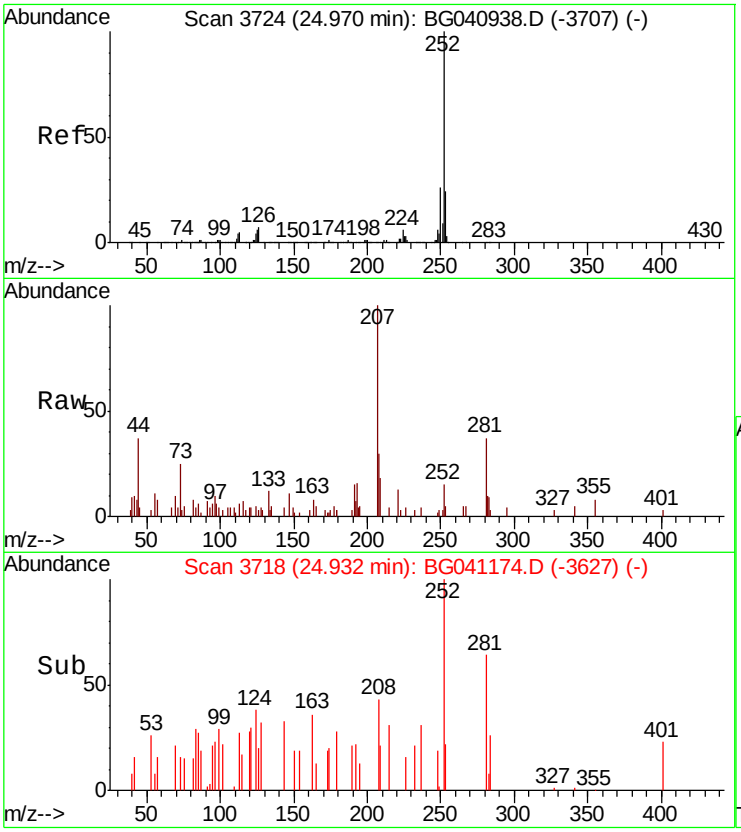


#89
Benzo(k)fluoranthene
Concen: 71.527 ng
RT: 24.14 min Scan# 3584
Delta R.T. 0.05 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Tgt Ion:252 Resp: 249

Ion	Ratio	Lower	Upper
252	100		
253	183.2	17.8	26.6#
125	0.0	4.7	7.1#



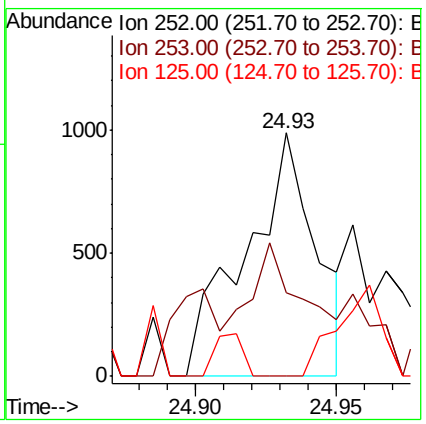


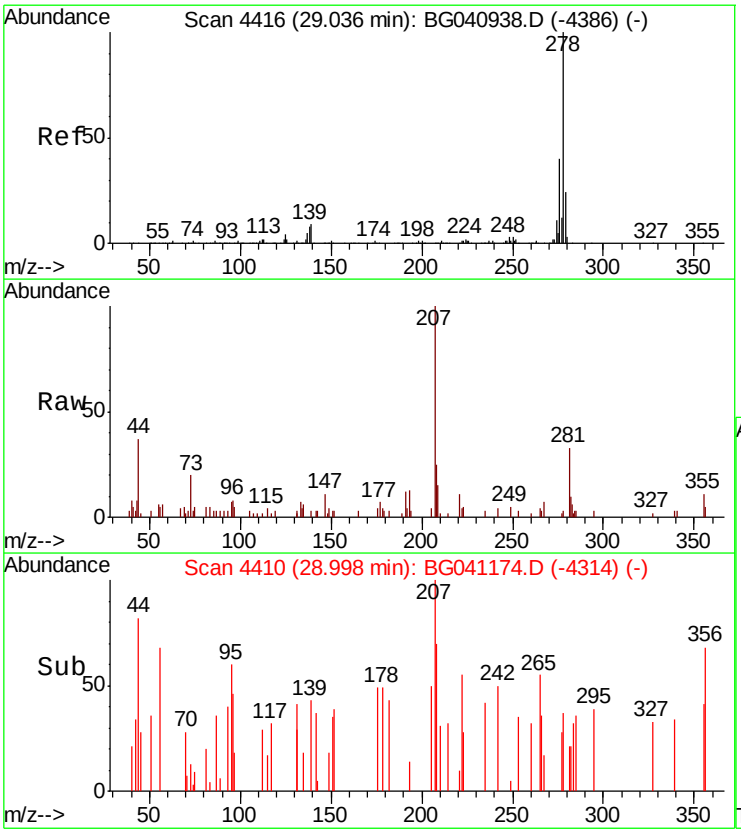
#90
Benzo(a)pyrene
Concen: 510.678 ng
RT: 24.93 min Scan# 3718
Delta R.T. 0.01 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMP

Tgt Ion:252 Resp: 1714

Ion	Ratio	Lower	Upper
252	100		
253	34.5	19.5	29.3#
125	0.0	5.1	7.7#

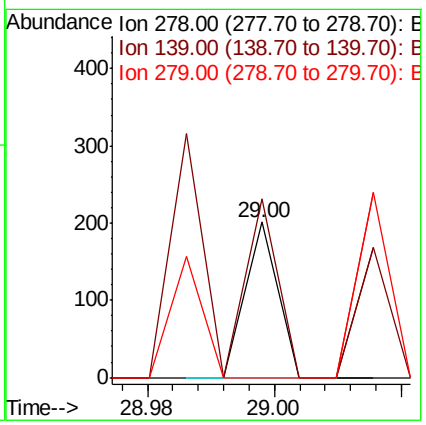


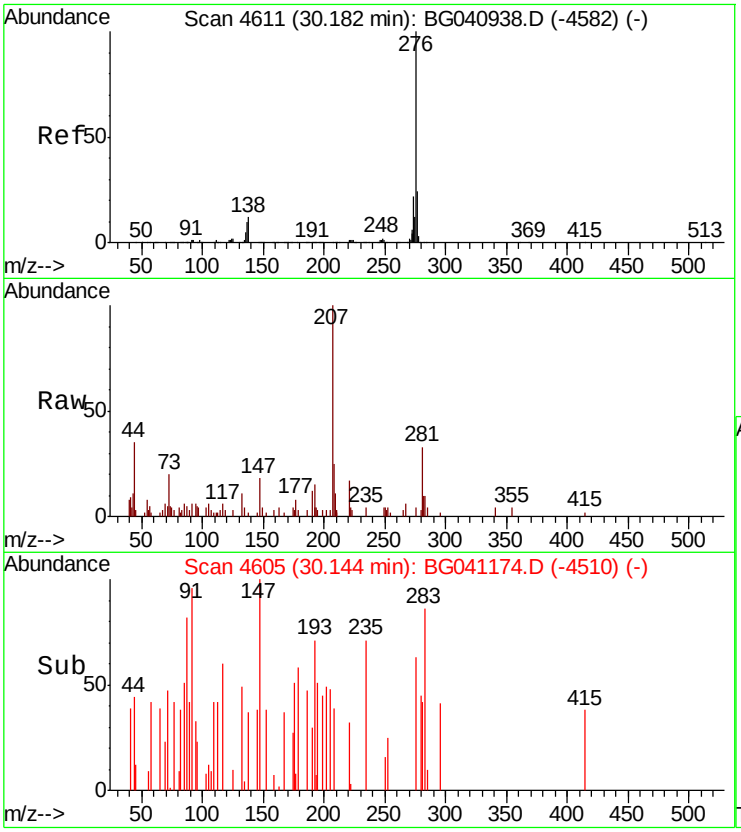


#91
Dibenzo(a,h)anthracene
Concen: 21.171 ng
RT: 29.00 min Scan# 4410
Delta R.T. 0.04 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Tgt Ion:278 Resp: 71

Ion	Ratio	Lower	Upper
278	100		
139	114.9	7.1	10.7#
279	0.0	19.4	29.2#





#92
Benzo(g,h,i)perylene
Concen: 71.205 ng
RT: 30.14 min Scan# 4605
Delta R.T. 0.03 min
Lab File: BG041174.D
Acq: 10 Jun 2019 22:04

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMP

Tgt Ion:276 Resp: 232

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.4	29.0#
138	58.5	9.7	14.5#