Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022920\
Data File : BG044627.D
Acq On : 29 Feb 2020 11:33
Operator : CG/JU
Sample : PB127140BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 02 08:08:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 07:39:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	61217	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	239476	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	156365	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	389244	20.00	ng	0.00
76) Chrysene-d12	21.50	240	412538	20.00	ng	0.00
87) Perylene-d12	24.56	264	419829	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	501201	131.36	ng	0.00
7) Phenol-d6	7.04	99	621159	118.94	ng	0.00
23) Nitrobenzene-d5	9.02	82	367285	79.01	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	268194	120.96	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	886120	81.15	ng	0.00
79) Terphenyl-d14	19.88	244	1708085	78.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	55	0.033	ng	# 1
4) n-Nitrosodimethylamine	3.62	42	68	0.039	ng	# 1
9) Benzaldehyde	7.04	77	849	0.276	ng	# 1
15) Benzyl Alcohol	8.18	79	6601	1.874	ng	# 47
19) n-Nitroso-di-n-propylamine	9.02	70	47865	14.258	ng	# 77
24) Nitrobenzene	9.02	77	1075	0.239	ng	# 36
25) Isophorone	9.48	82	323	0.037	ng	# 65
37) 2-Methylnaphthalene	12.46	142	54	0.006	ng	# 15
38) 1-Methylnaphthalene	12.46	142	54	0.006	ng	# 6
46) 1,1'-Biphenyl	13.34	154	1920	0.148	ng	92
48) 2-Nitroaniline	13.13	65	1288	0.457	ng	# 1
51) 2,6-Dinitrotoluene	14.51	165	19835	7.126	ng	# 30
52) Acenaphthene	14.51	154	406	0.043	ng	# 5
57) 2,4-Dinitrotoluene	14.51	165	19835	5.069	ng	# 28
58) Fluorene	16.00	166	10783	0.929	ng	# 92
63) Azobenzene	16.00	77	1157	0.109	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.00	198	573	0.238	ng	# 1
66) n-Nitrosodiphenylamine	16.00	169	8784	0.723	ng	# 46
67) 4-Bromophenyl-phenylether	16.00	248	17895	3.704	ng	# 1
77) Benzidine	19.88	184	26159	1.851	ng	# 92
78) Pyrene	19.88	202	5974	0.199	ng	# 64
80) Butylbenzylphthalate	20.79	149	57	0.004	ng	# 26
81) Benzo(a)anthracene	21.50	228	1471	0.051	ng	# 51
83) Chrysene	21.54	228	231	0.008	ng	# 47
84) Bis(2-ethylhexyl)phthalate	21.41	149	122	0.007	ng	# 51
85) Di-n-octyl phthalate	22.56	149	246	0.008	ng	# 80
88) Benzo(b)fluoranthene	23.60	252	69	0.002	ng	# 59
89) Benzo(k)fluoranthene	23.68	252	68	0.003	ng	# 58
90) Benzo(a)pyrene	24.44	252	60	0.002	ng	# 58

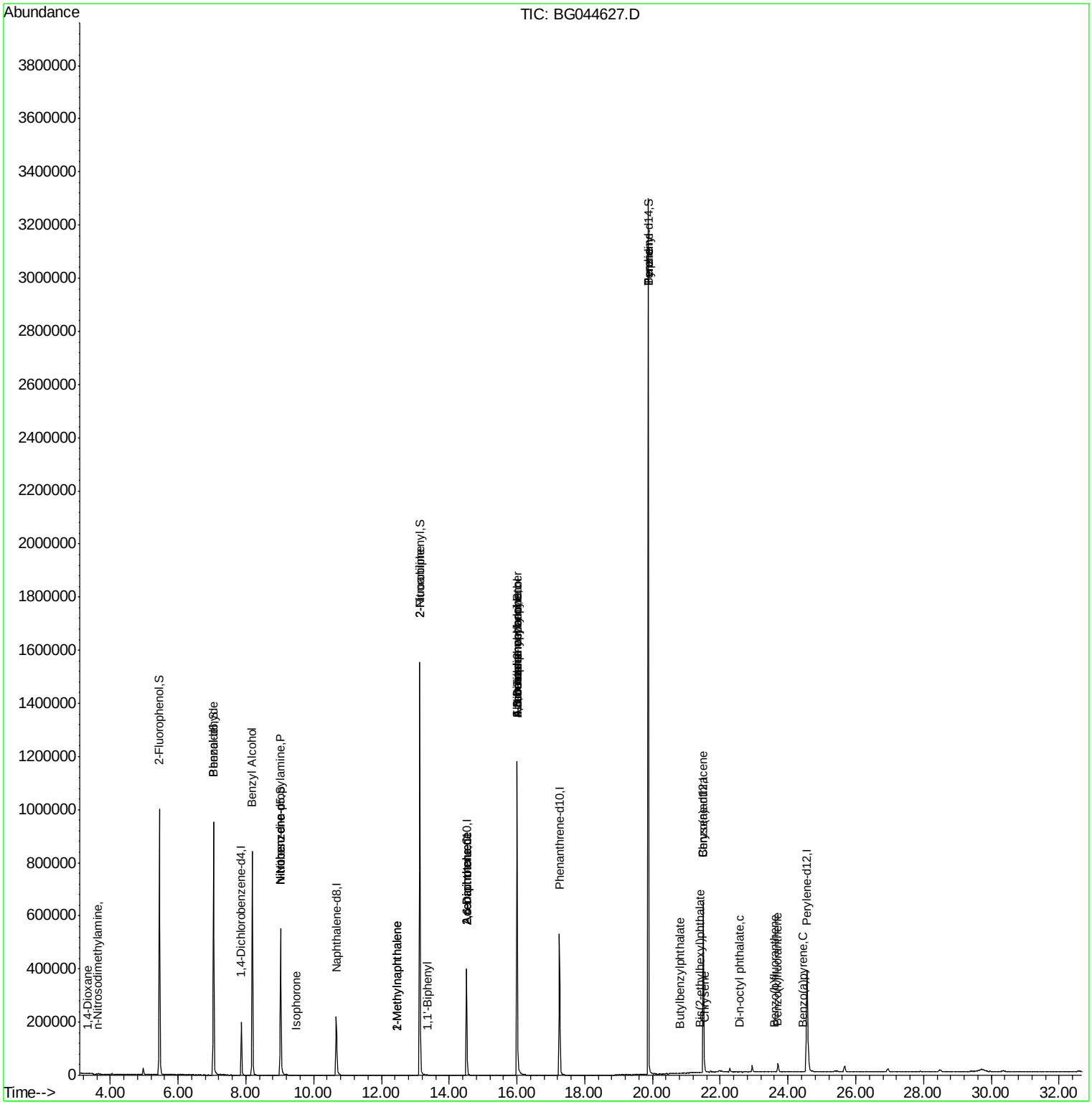
(#) = qualifier out of range (m) = manual integration (+) = signals summed

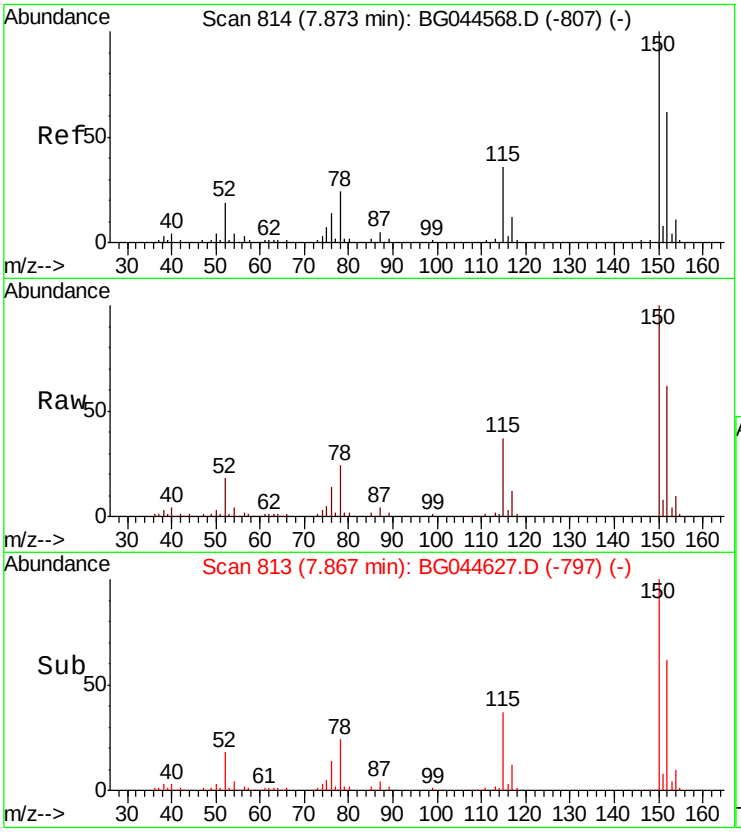
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022920\
Data File : BG044627.D
Acq On : 29 Feb 2020 11:33
Operator : CG/JU
Sample : PB127140BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 02 08:08:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 07:39:08 2020
Response via : Initial Calibration



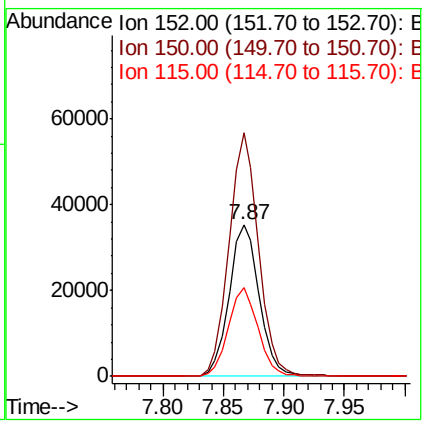


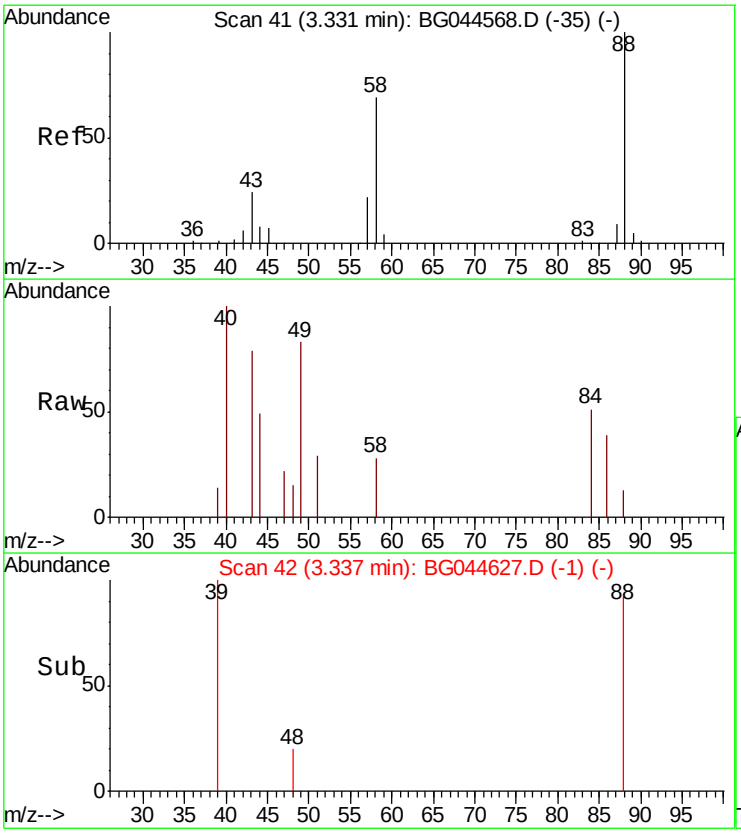
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 61217

Ion	Ratio	Lower	Upper
152	100		
150	160.6	128.9	193.3
115	59.0	47.0	70.4

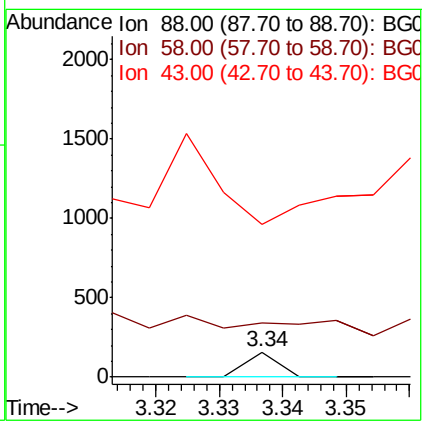


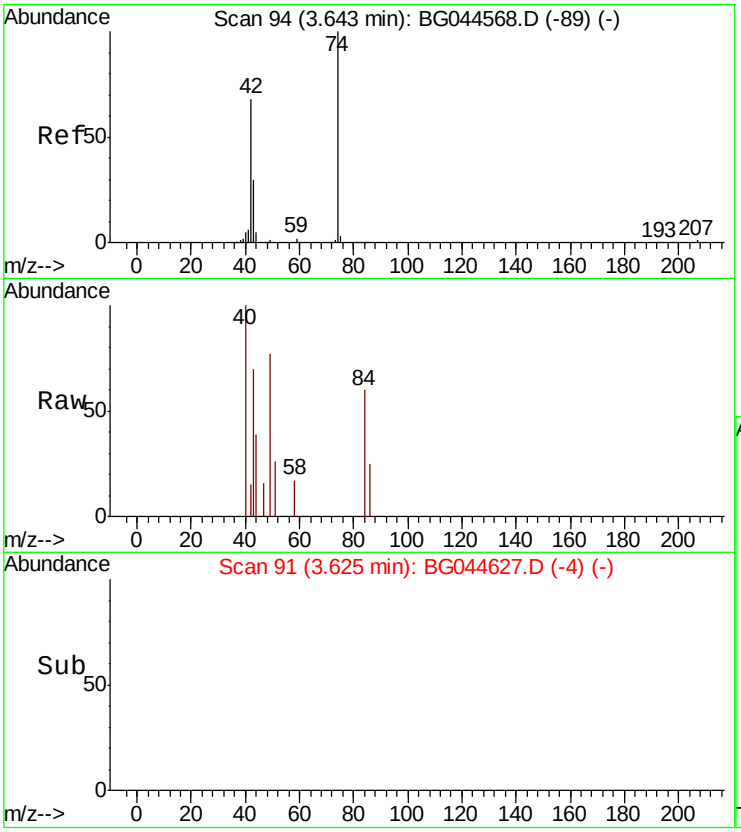


#2
1,4-Dioxane
Concen: 0.033 ng
RT: 3.34 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion: 88 Resp: 55

Ion	Ratio	Lower	Upper
88	100		
58	0.0	55.8	83.8#
43	501.8	20.6	31.0#



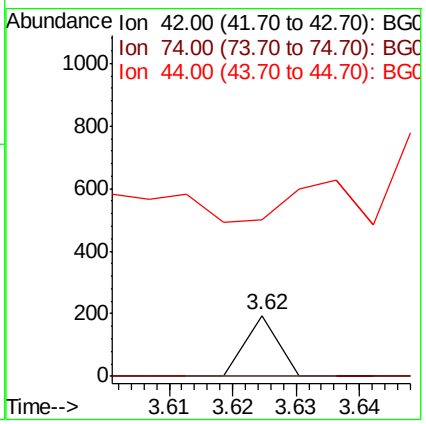


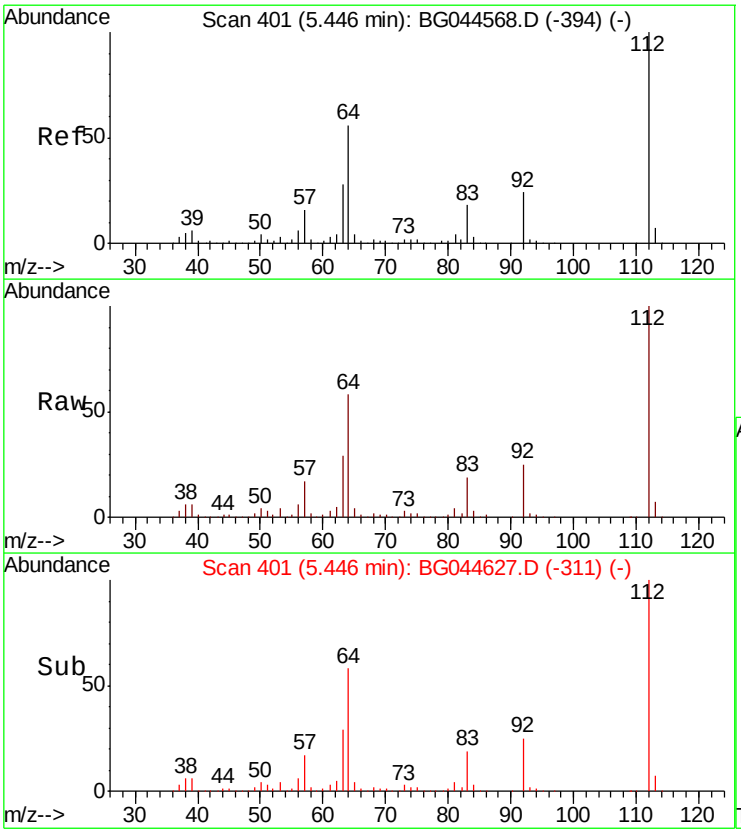
#4
n-Nitrosodimethylamine
Concen: 0.039 ng
RT: 3.62 min Scan# 91
Delta R.T. -0.02 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 68

Ion	Ratio	Lower	Upper
42	100		
74	0.0	117.6	176.4#
44	258.2	6.3	9.5#

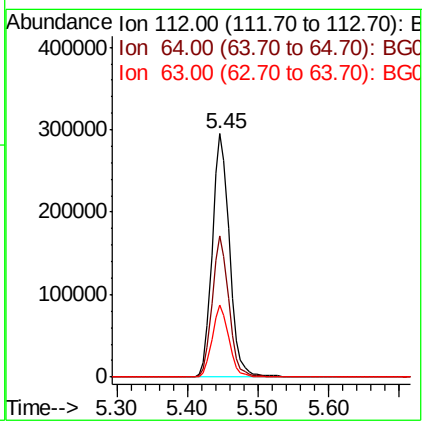


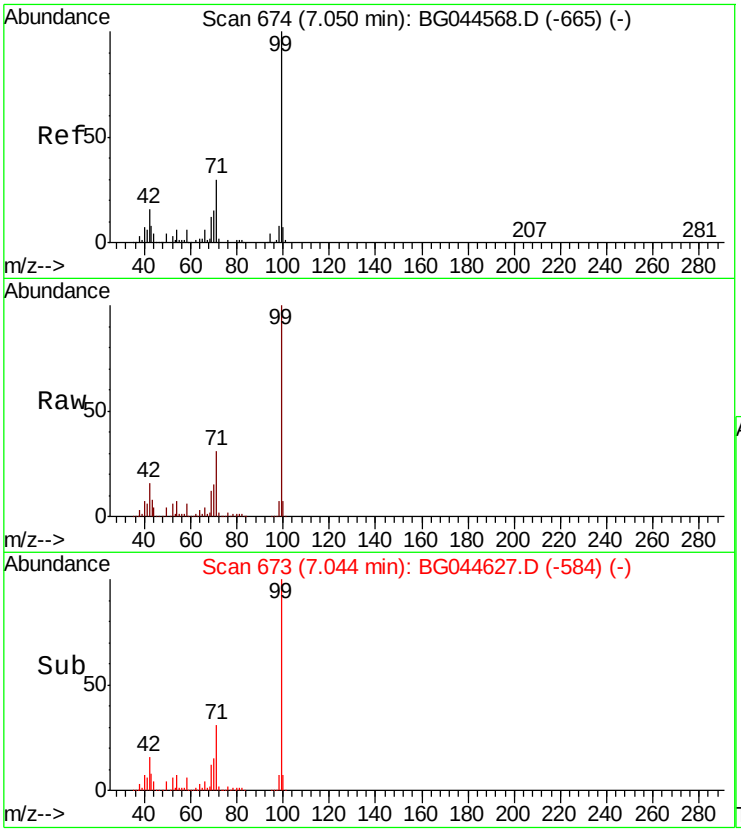


#5
2-Fluorophenol
Concen: 131.363 ng
RT: 5.45 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion:112 Resp: 501201

Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.8	67.2
63	29.4	22.3	33.5



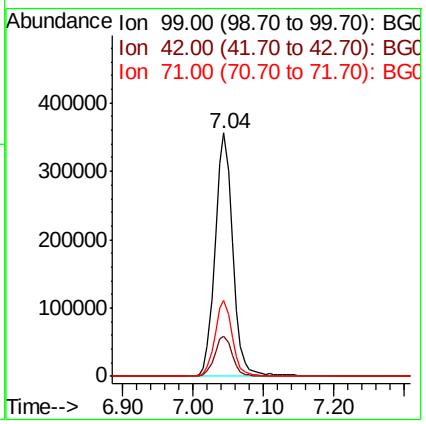


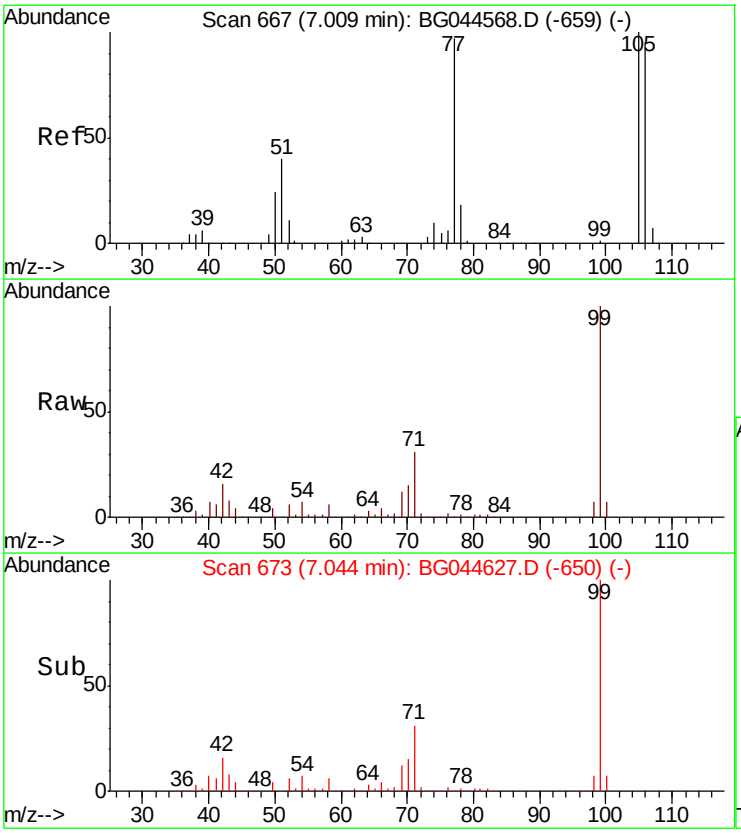
#7
Phenol-d6
Concen: 118.938 ng
RT: 7.04 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 621159

Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.8	19.2
71	30.9	24.4	36.6

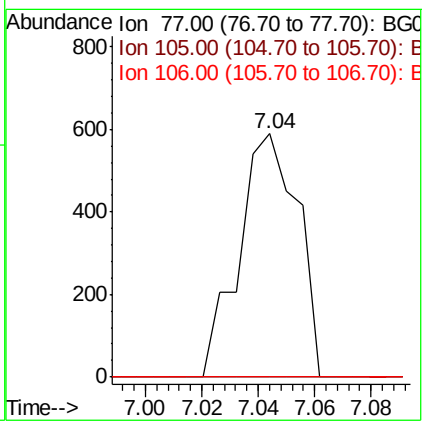


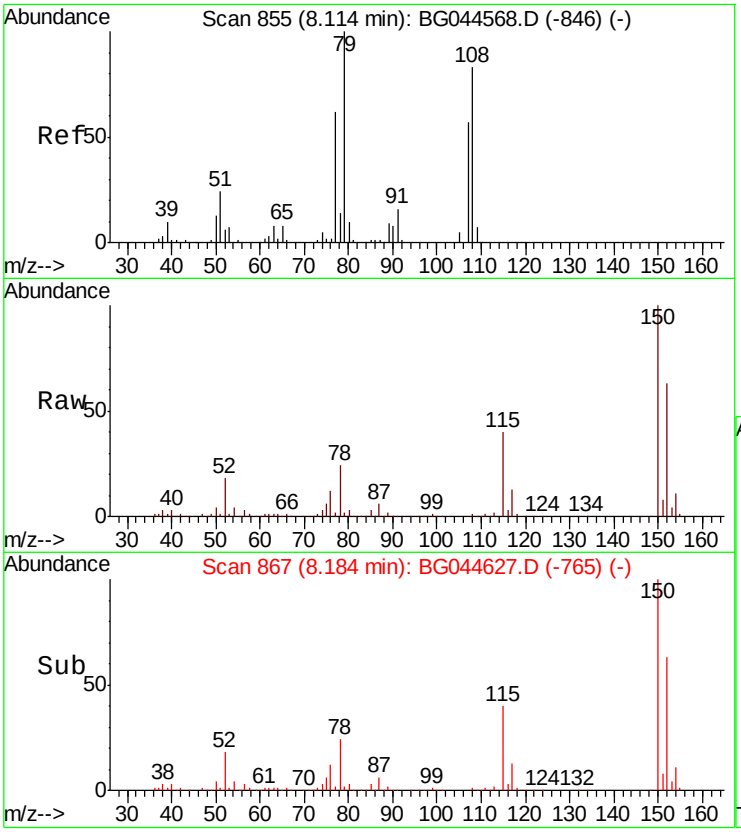


#9
Benzaldehyde
Concen: 0.276 ng
RT: 7.04 min Scan# 673
Delta R.T. 0.03 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion: 77 Resp: 849

Ion	Ratio	Lower	Upper
77	100		
105	0.0	83.6	123.6#
106	0.0	78.2	118.2#



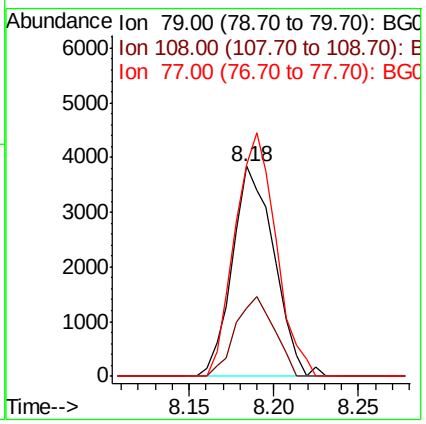


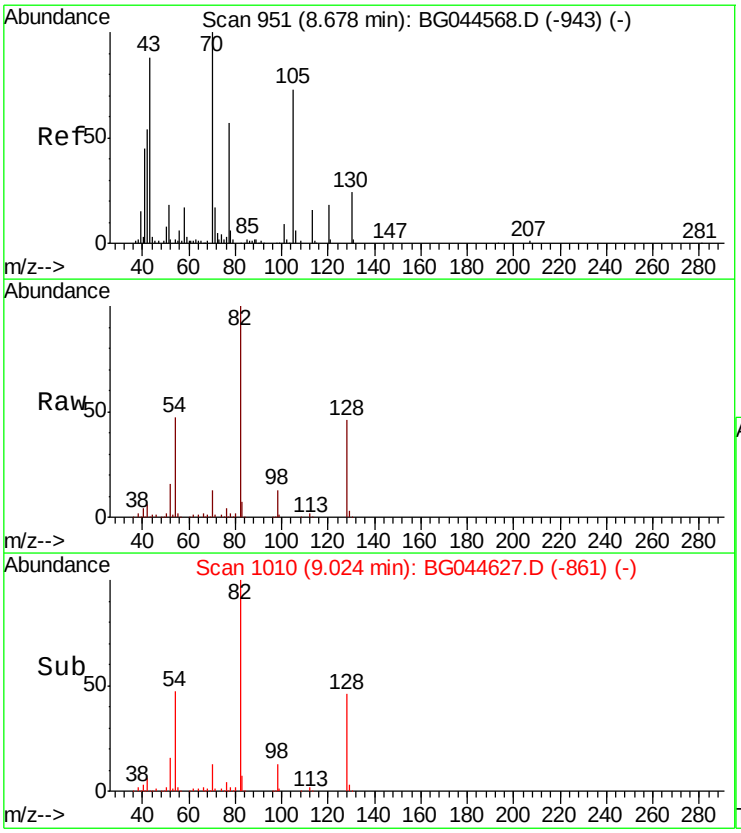
#15
Benzyl Alcohol
Concen: 1.874 ng
RT: 8.18 min Scan# 867
Delta R.T. 0.07 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 6601

Ion	Ratio	Lower	Upper
79	100		
108	32.7	66.0	99.0#
77	100.7	49.6	74.4#

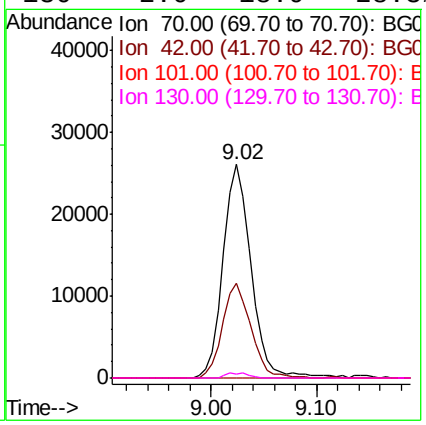


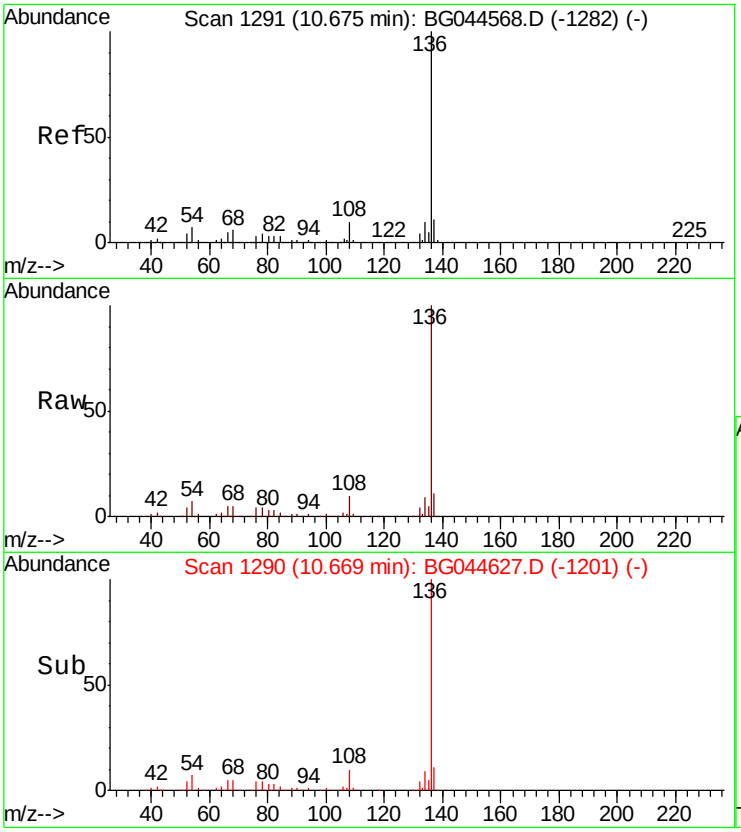


#19
n-Nitroso-di-n-propylamine
Concen: 14.258 ng
RT: 9.02 min Scan# 1010
Delta R.T. 0.35 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion: 70 Resp: 47865

Ion	Ratio	Lower	Upper
70	100		
42	44.3	43.4	65.0
101	0.0	7.5	11.3#
130	2.0	18.9	28.3#



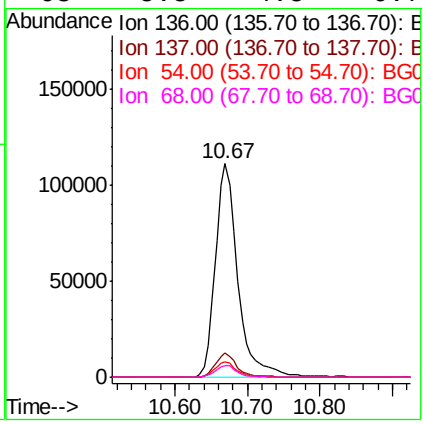


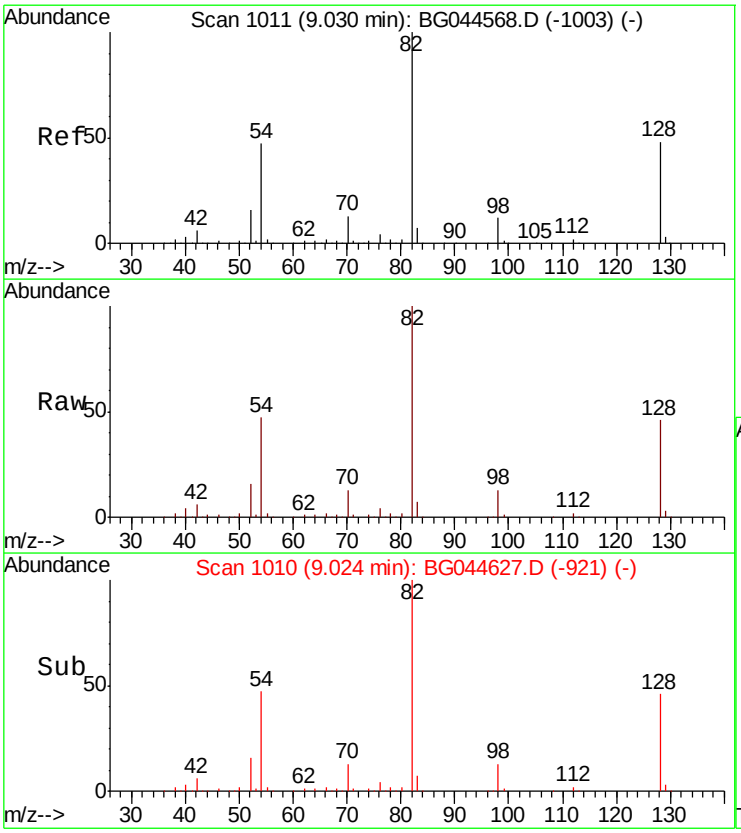
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 239476

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.3	5.7	8.5
68	5.5	4.5	6.7

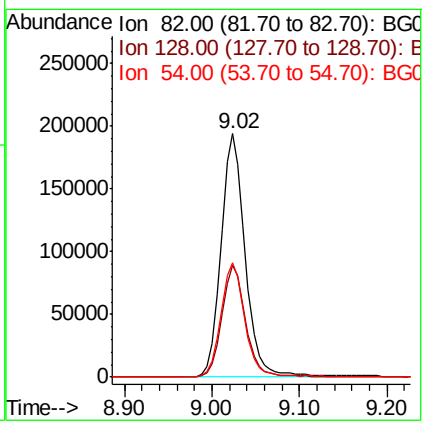


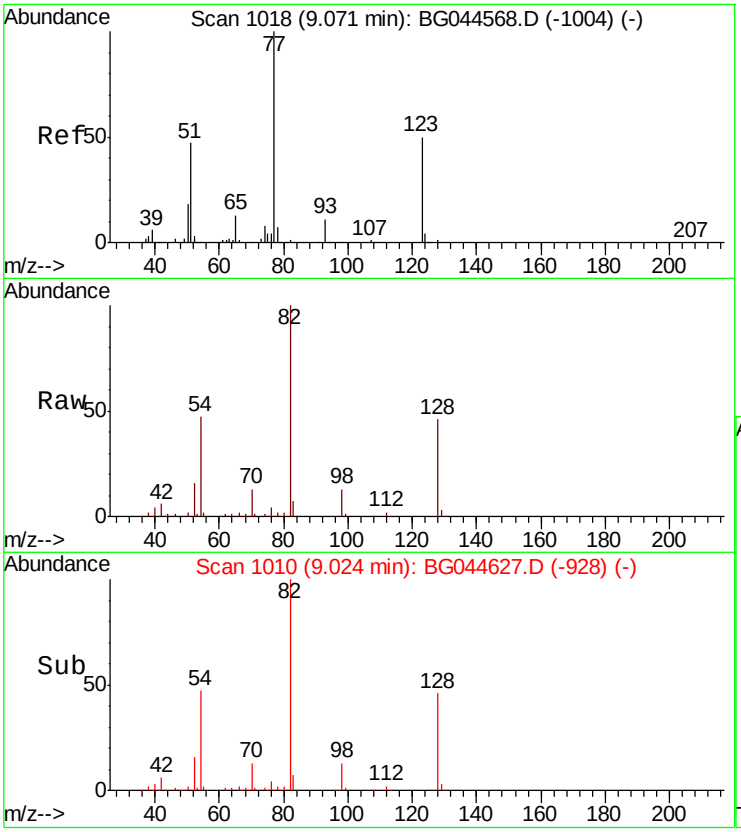


#23
Nitrobenzene-d5
Concen: 79.014 ng
RT: 9.02 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion: 82 Resp: 367285

Ion	Ratio	Lower	Upper
82	100		
128	45.9	38.1	57.1
54	47.0	37.5	56.3



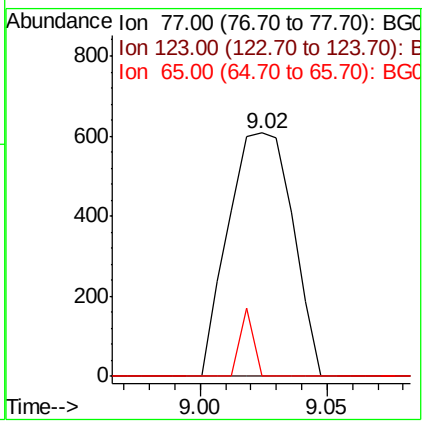


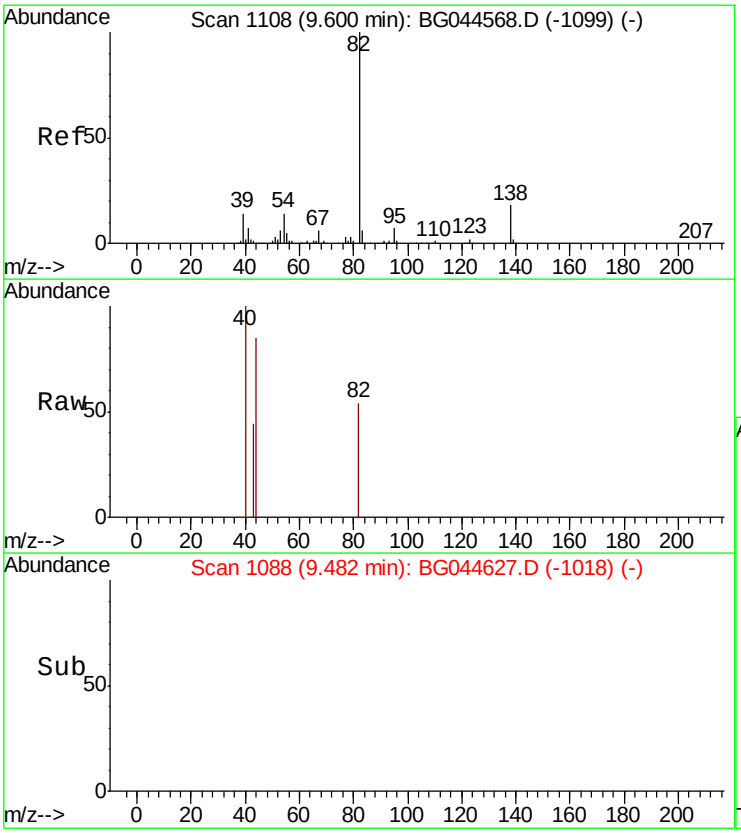
#24
Nitrobenzene
Concen: 0.239 ng
RT: 9.02 min Scan# 1010
Delta R.T. -0.05 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1075

Ion	Ratio	Lower	Upper
77	100		
123	0.0	40.1	60.1#
65	0.0	10.4	15.6#

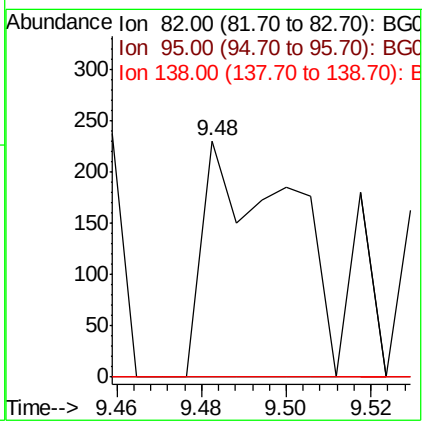


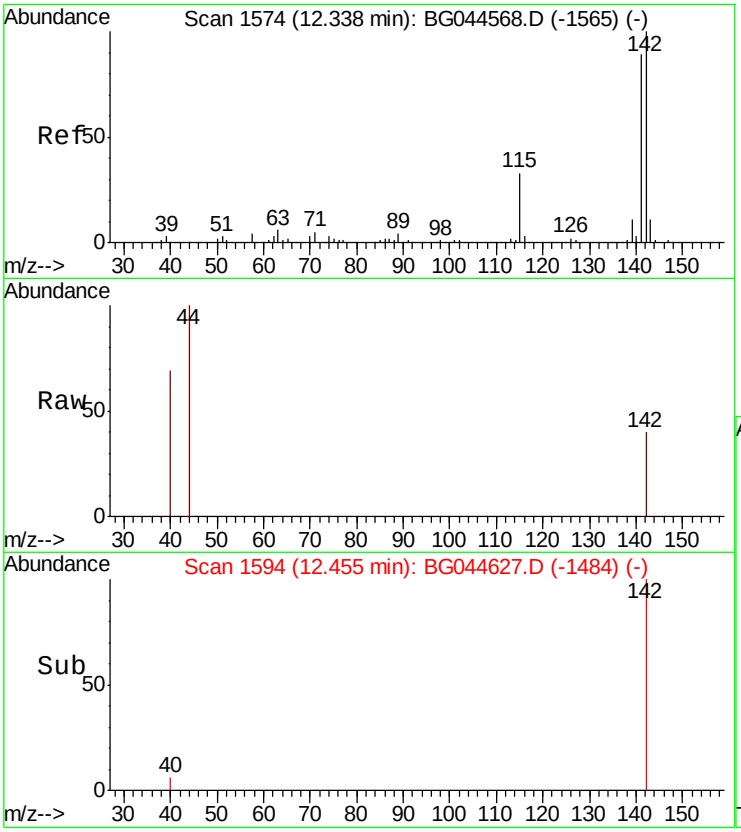


#25
Isophorone
Concen: 0.037 ng
RT: 9.48 min Scan# 1088
Delta R.T. -0.12 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion: 82 Resp: 323

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.7	22.1#



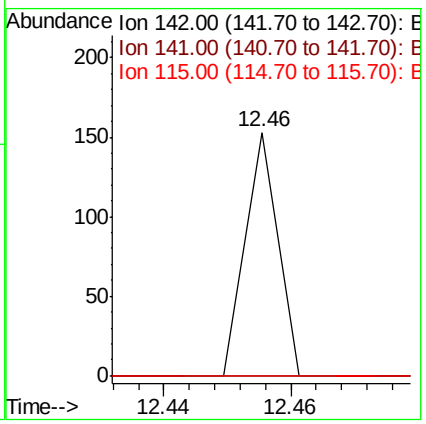


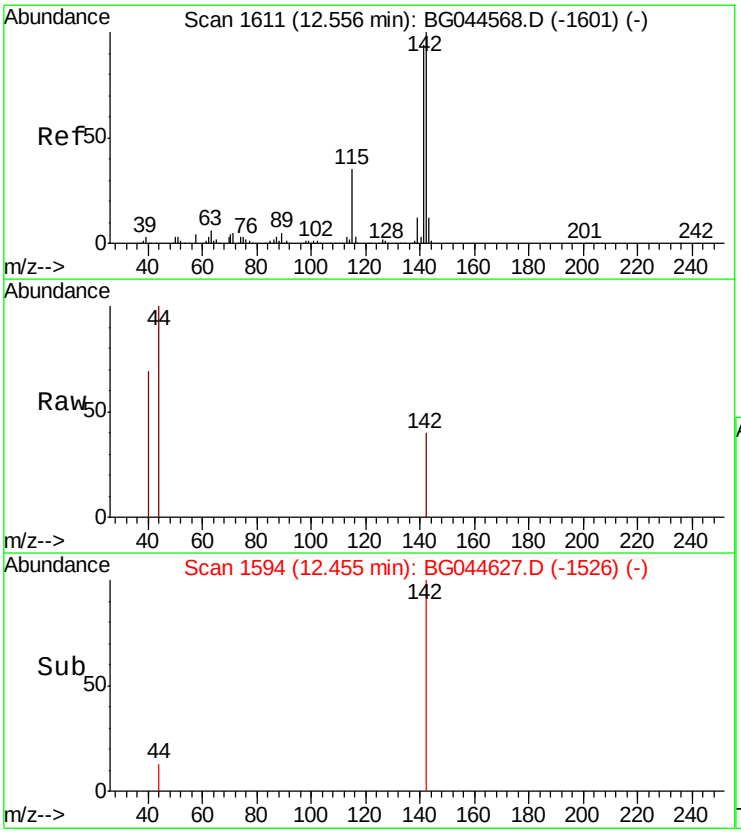
#37
2-Methylnaphthalene
Concen: 0.006 ng
RT: 12.46 min Scan# 1594
Delta R.T. 0.12 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 54

Ion	Ratio	Lower	Upper
142	100		
141	0.0	71.3	106.9#
115	0.0	26.2	39.2#

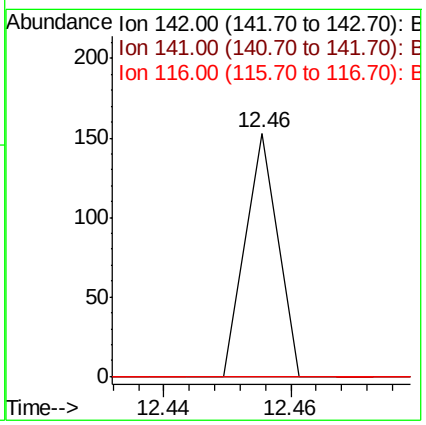


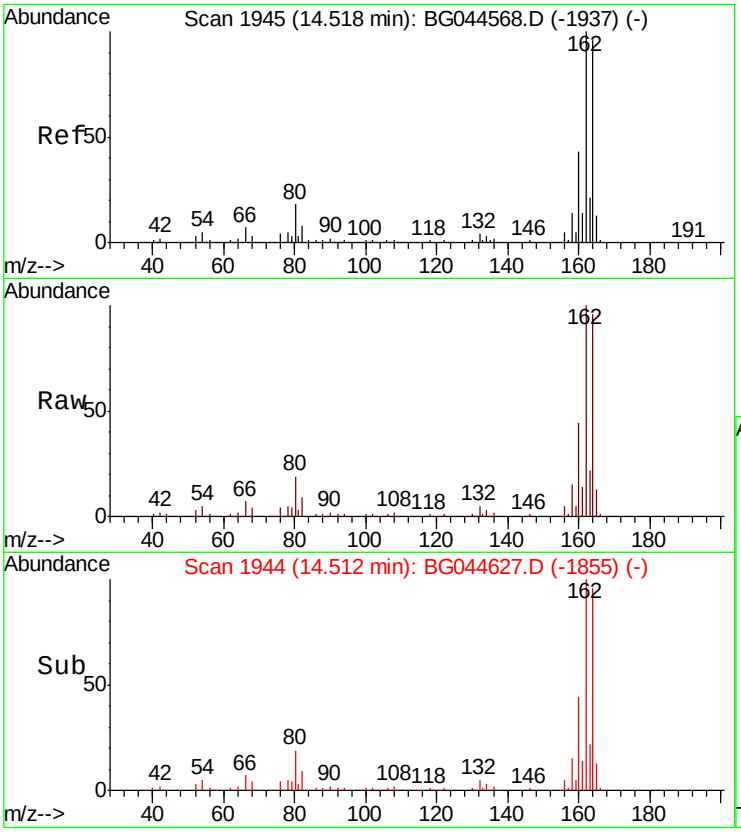


#38
1-Methylnaphthalene
Concen: 0.006 ng
RT: 12.46 min Scan# 1594
Delta R.T. -0.10 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion:142 Resp: 54

Ion	Ratio	Lower	Upper
142	100		
141	0.0	75.1	112.7#
116	0.0	2.6	4.0#



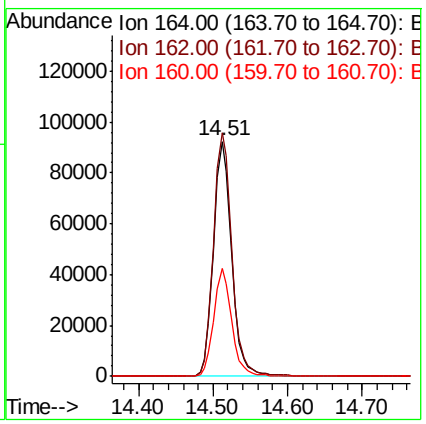


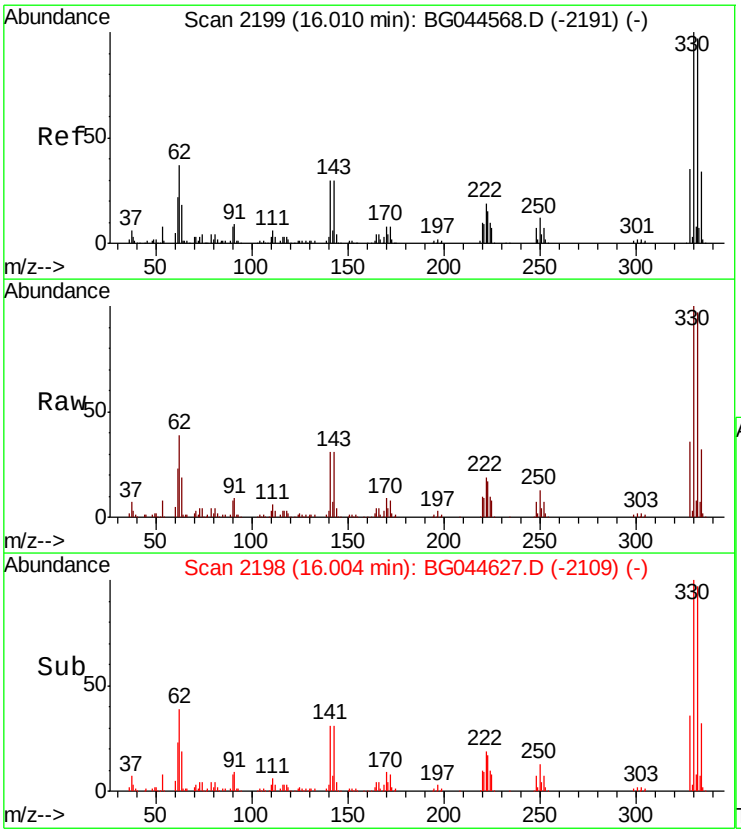
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 156365

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.6	125.4
160	46.0	36.2	54.4

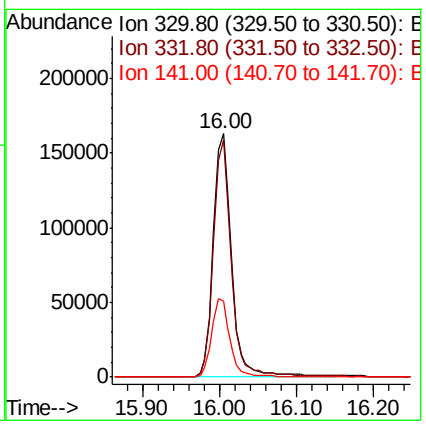


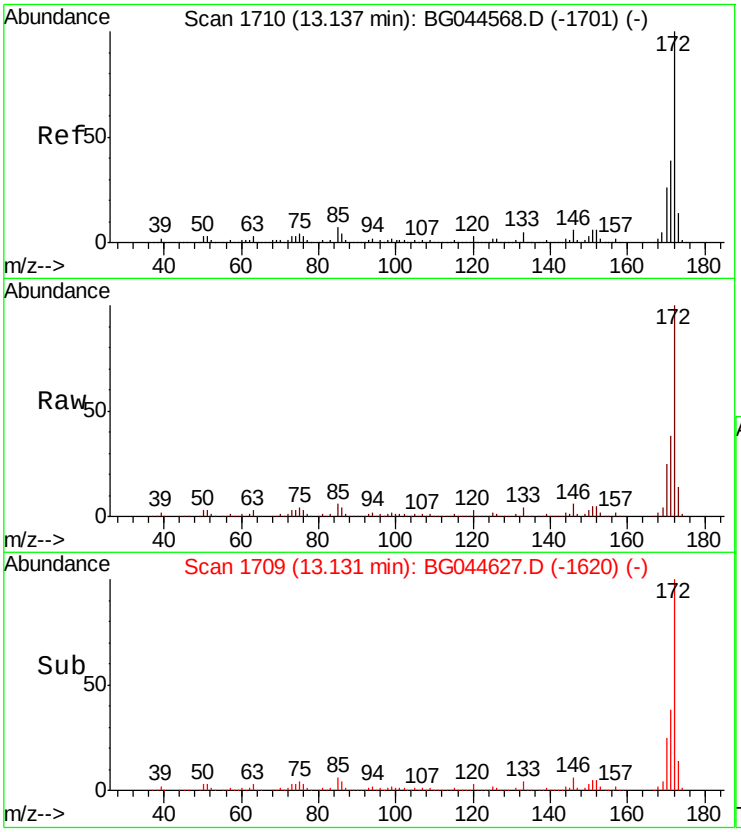


#42
2,4,6-Tribromophenol
Concen: 120.964 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion:330 Resp: 268194

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.0
141	32.2	26.1	39.1



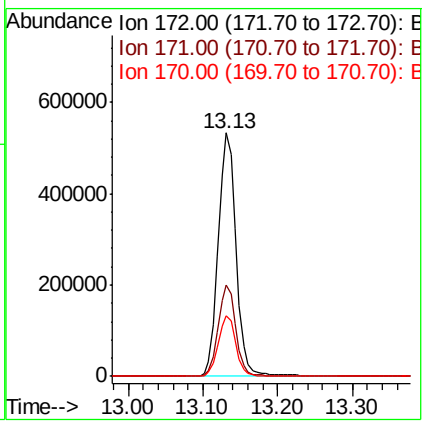


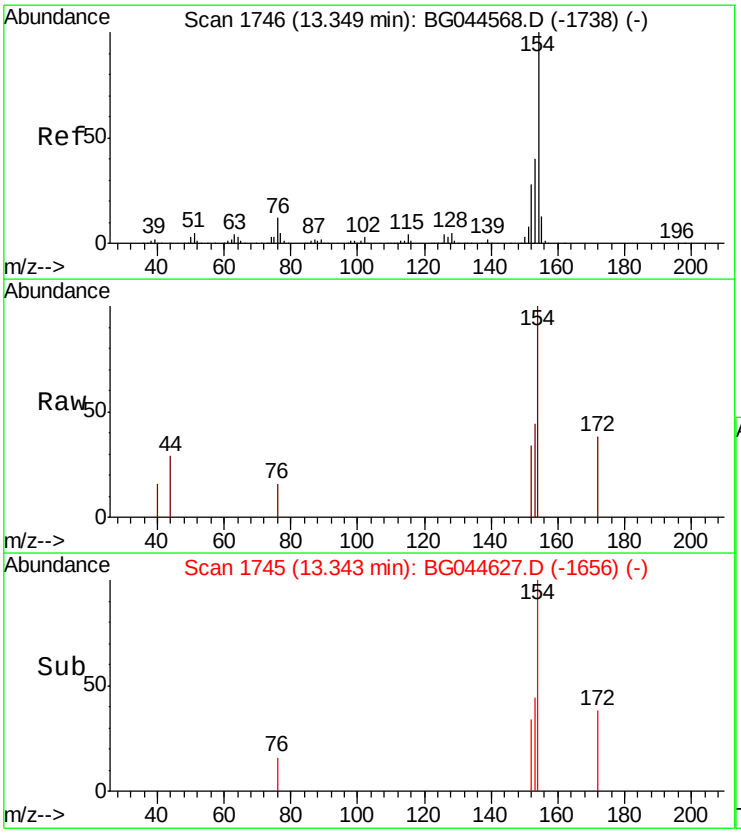
#45
2-Fluorobiphenyl
Concen: 81.151 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 886120

Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	25.1	21.0	31.4

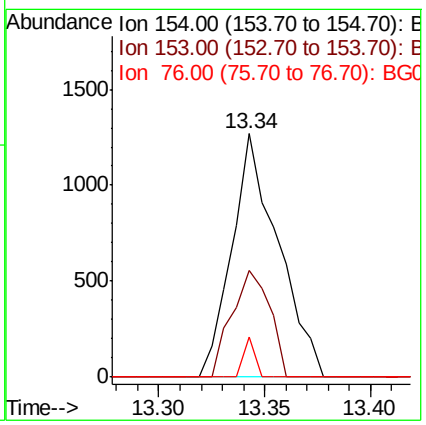


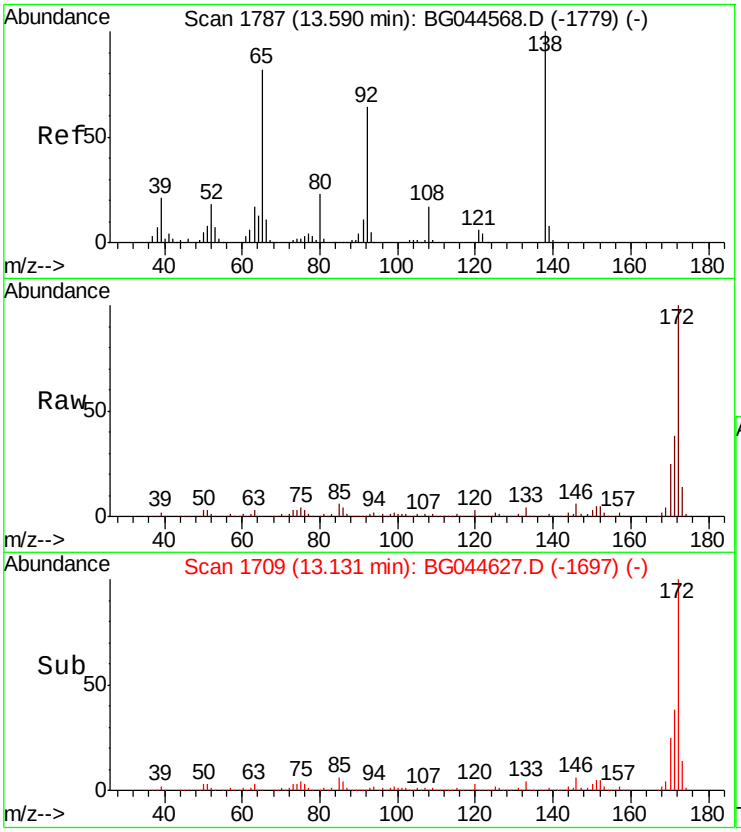


#46
1,1'-Biphenyl
Concen: 0.148 ng
RT: 13.34 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion:154 Resp: 1920

Ion	Ratio	Lower	Upper
154	100		
153	44.1	20.2	60.2
76	16.4	0.0	31.8



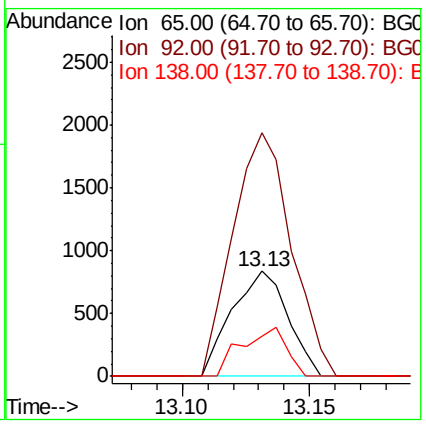


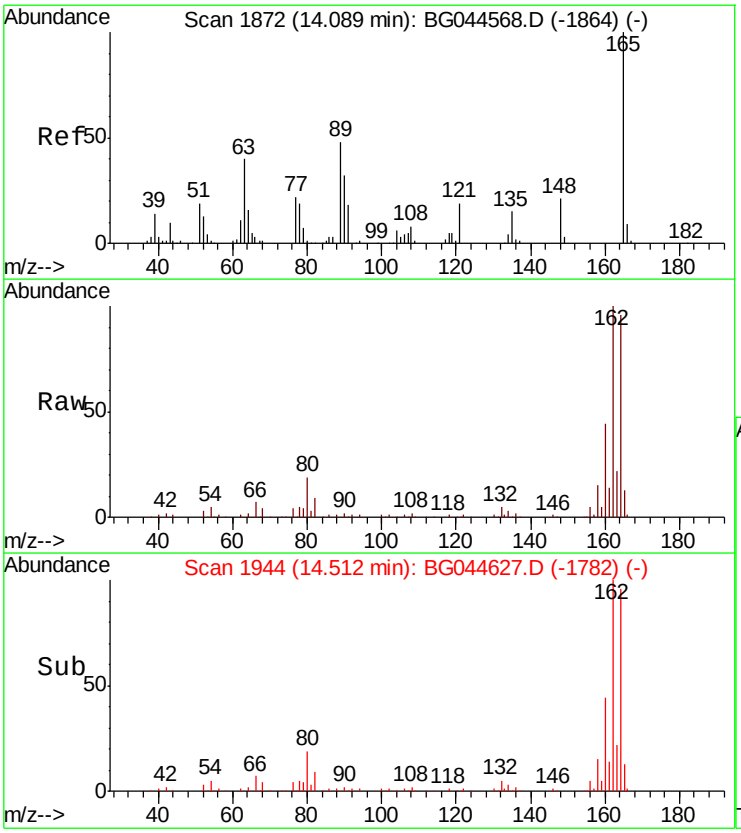
#48
2-Nitroaniline
Concen: 0.457 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.46 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 1288

Ion	Ratio	Lower	Upper
65	100		
92	231.5	62.2	93.2#
138	38.2	97.6	146.4#

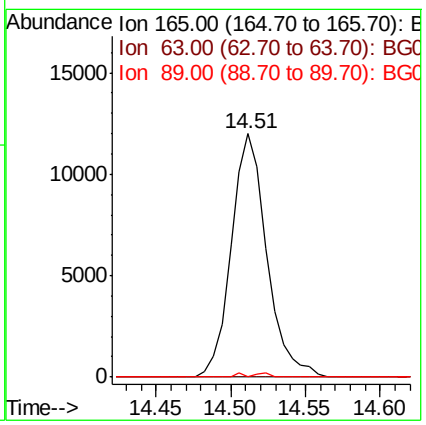


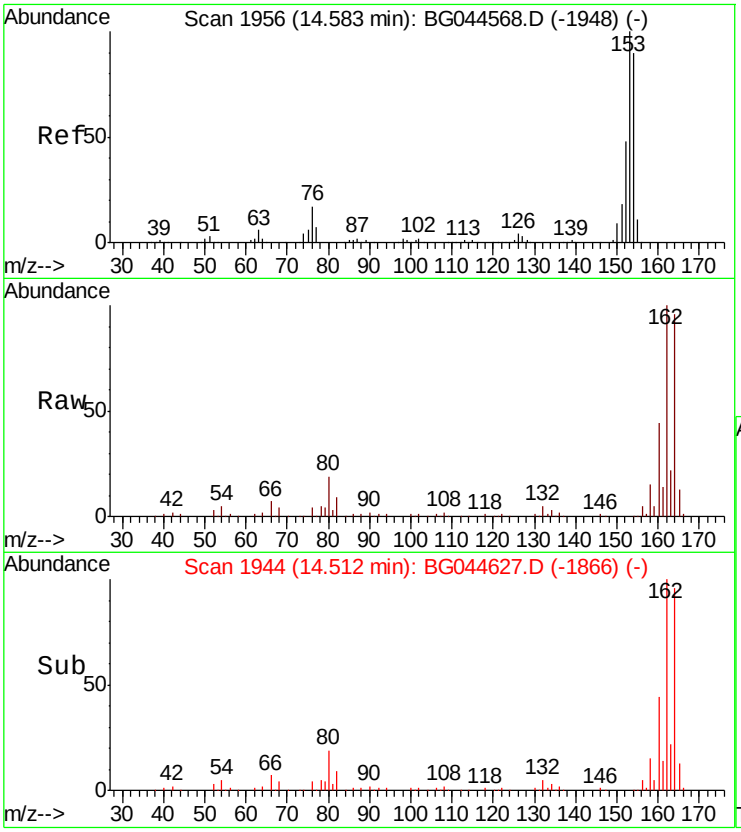


#51
2,6-Dinitrotoluene
Concen: 7.126 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.42 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion:165 Resp: 19835

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.8	53.6#
89	0.0	38.7	58.1#



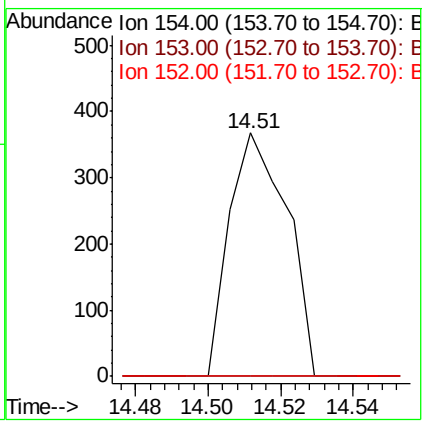


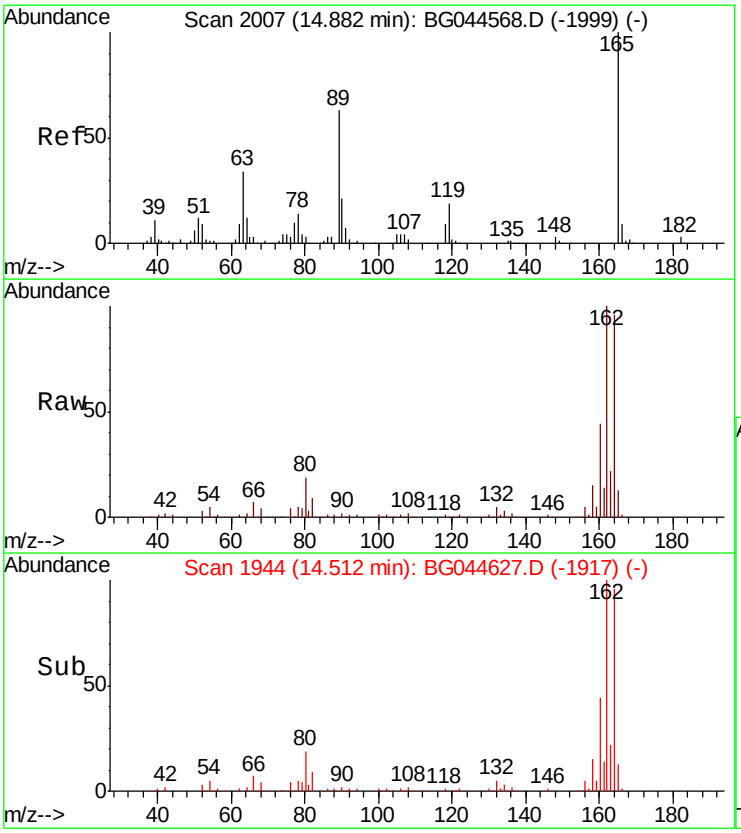
#52
Acenaphthene
Concen: 0.043 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.07 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 406

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.4	134.0#
152	0.0	43.0	64.4#

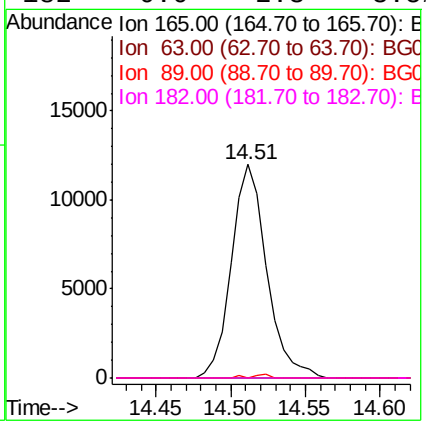


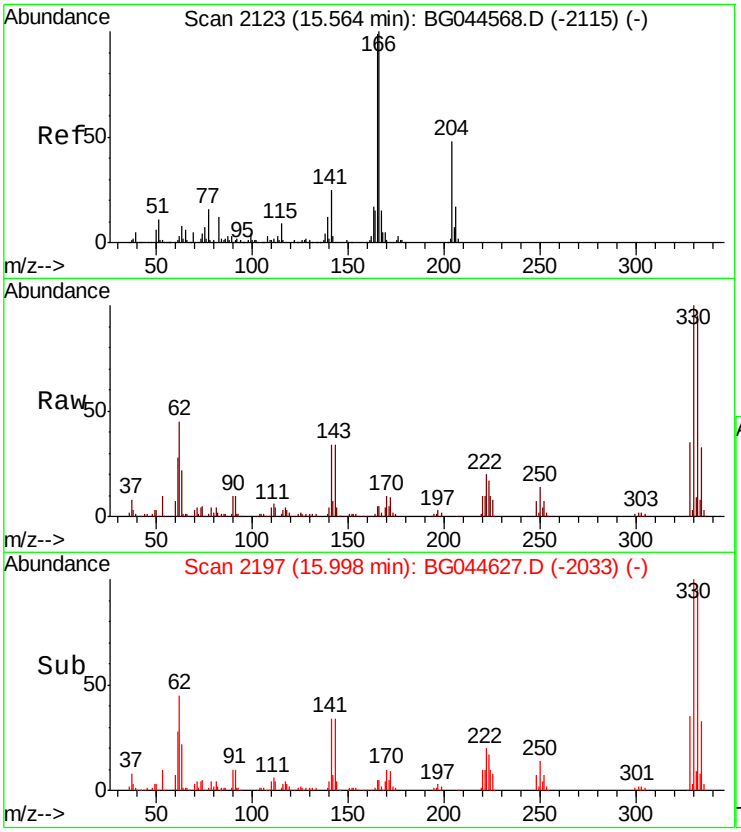


#57
2,4-Dinitrotoluene
Concen: 5.069 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.37 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion:165 Resp: 19835

Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.5	41.3#
89	0.0	50.0	75.0#
182	0.0	2.3	3.5#



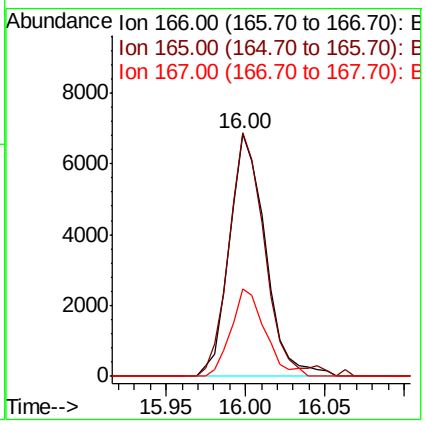


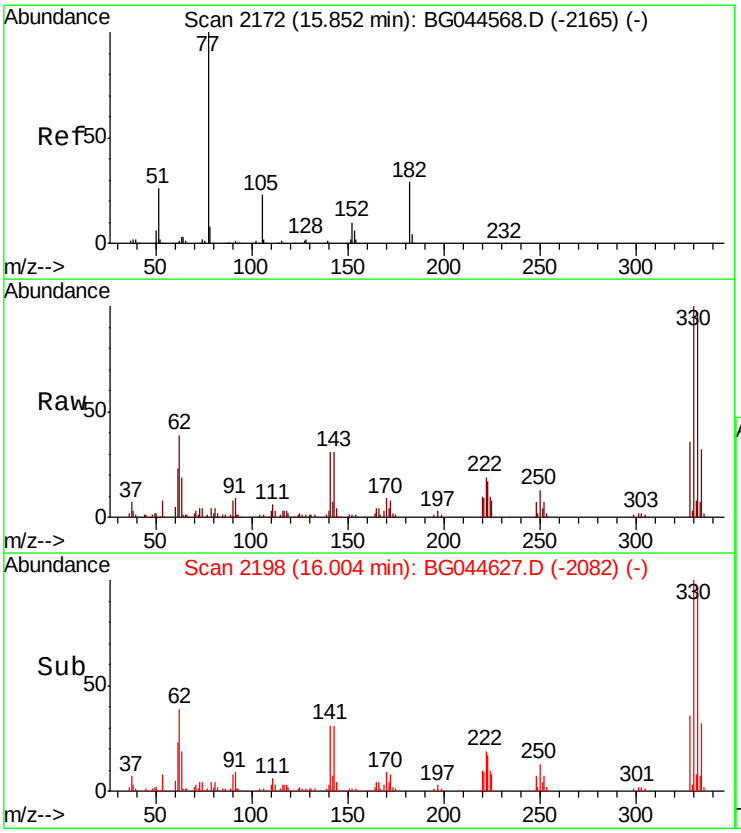
#58
Fluorene
Concen: 0.929 ng
RT: 16.00 min Scan# 2197
Delta R.T. 0.43 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 10783

Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.2	118.8
167	36.1	11.7	17.5#

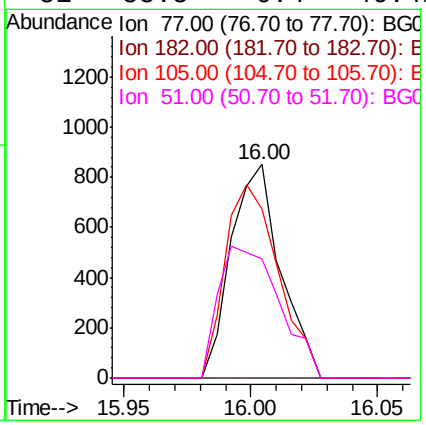


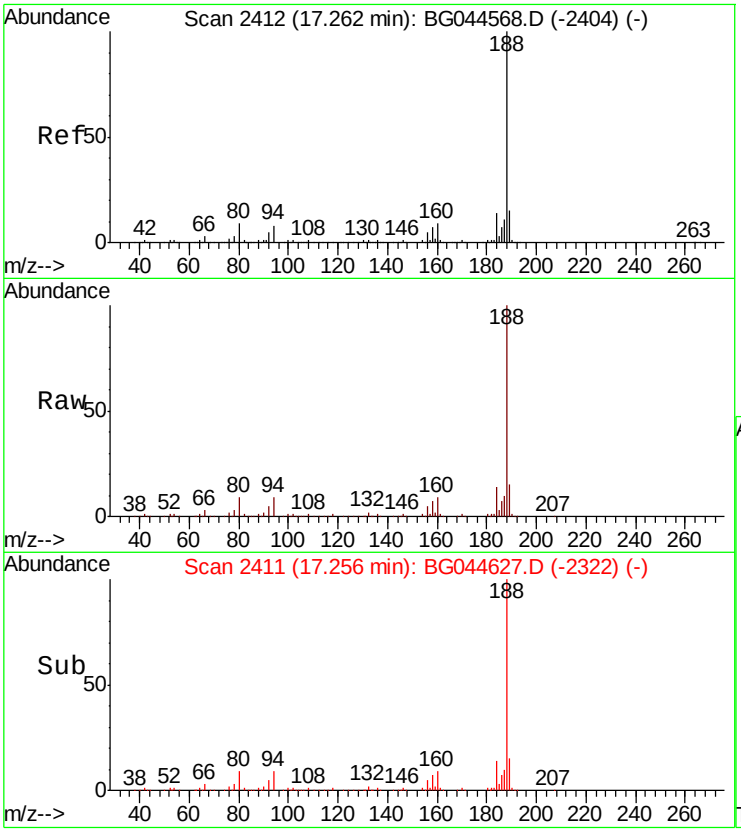


#63
Azobenzene
Concen: 0.109 ng
RT: 16.00 min Scan# 2198
Delta R.T. 0.15 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion: 77 Resp: 1157

Ion	Ratio	Lower	Upper
77	100		
182	0.0	9.4	49.4#
105	79.2	3.4	43.4#
51	55.5	6.4	46.4#



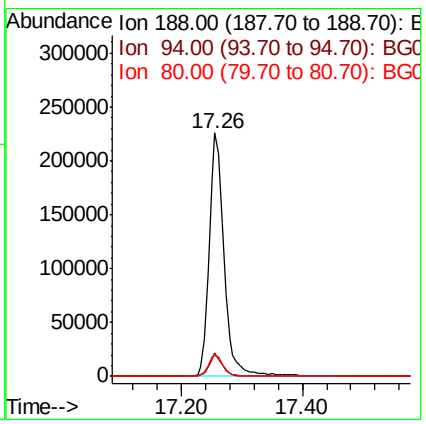


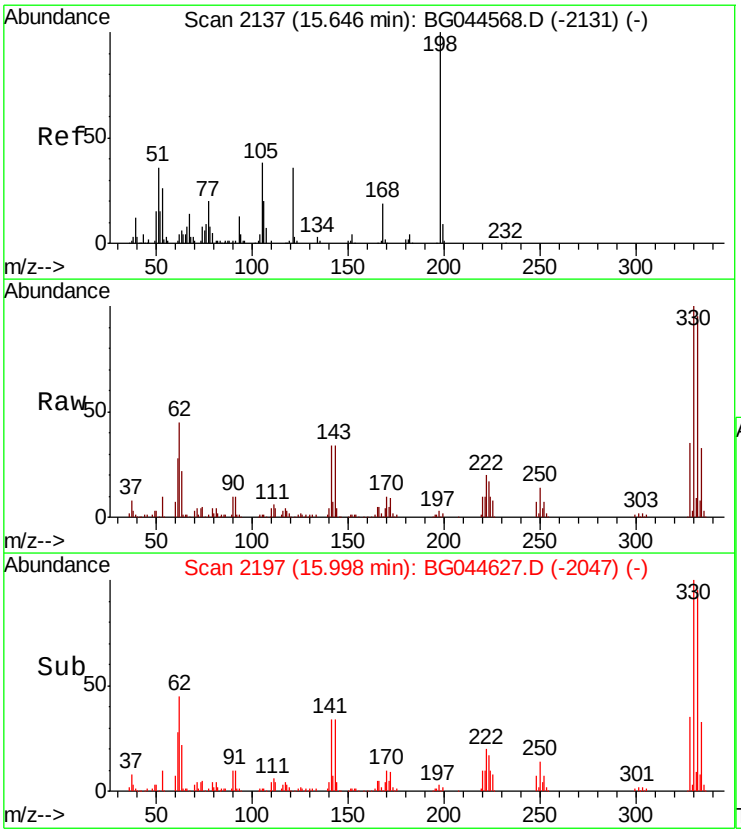
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 389244

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.7	10.1
80	8.8	7.6	11.4

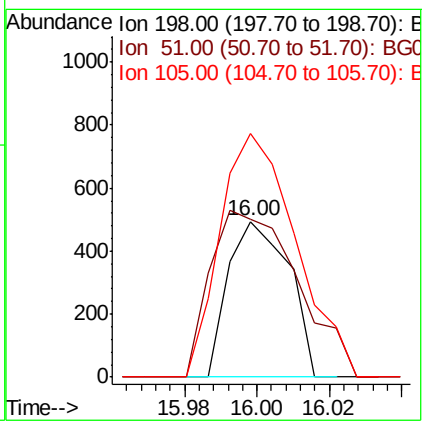


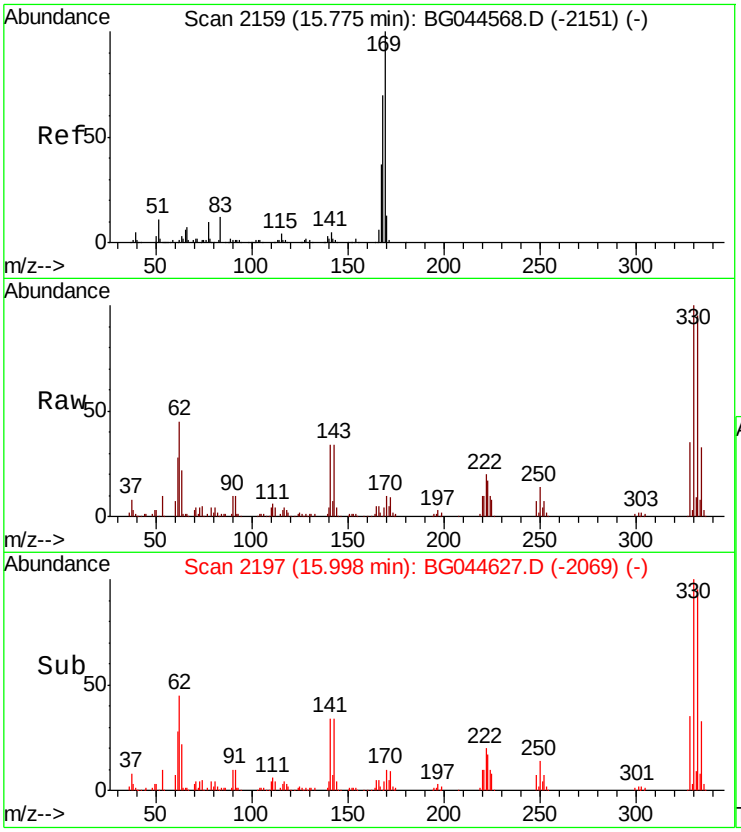


#65
4,6-Dinitro-2-methylphenol
Concen: 0.238 ng
RT: 16.00 min Scan# 2197
Delta R.T. 0.35 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion:198 Resp: 573

Ion	Ratio	Lower	Upper
198	100		
51	101.4	17.0	57.0#
105	156.2	18.4	58.4#



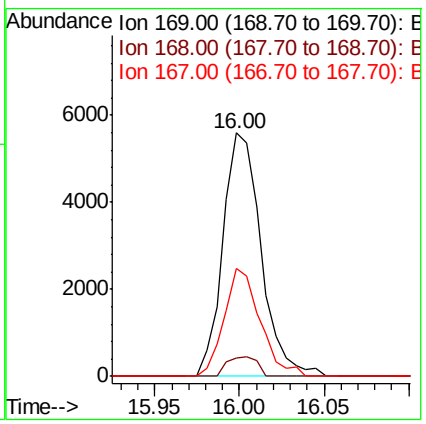


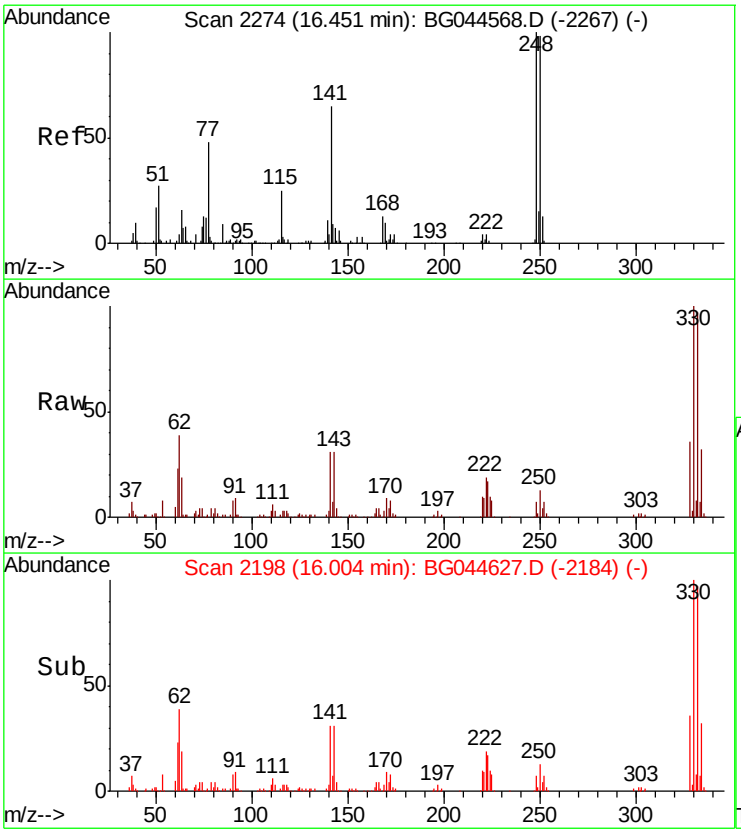
#66
n-Nitrosodiphenylamine
Concen: 0.723 ng
RT: 16.00 min Scan# 2197
Delta R.T. 0.22 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 8784

Ion	Ratio	Lower	Upper
169	100		
168	7.6	56.1	84.1#
167	44.2	29.4	44.0#

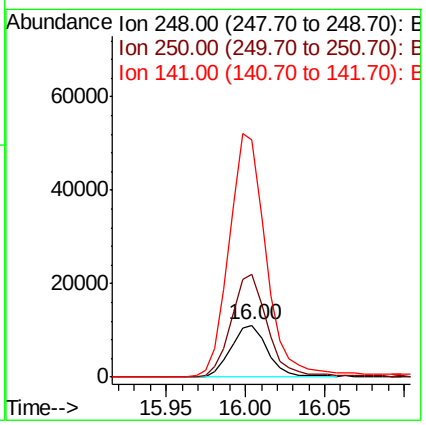


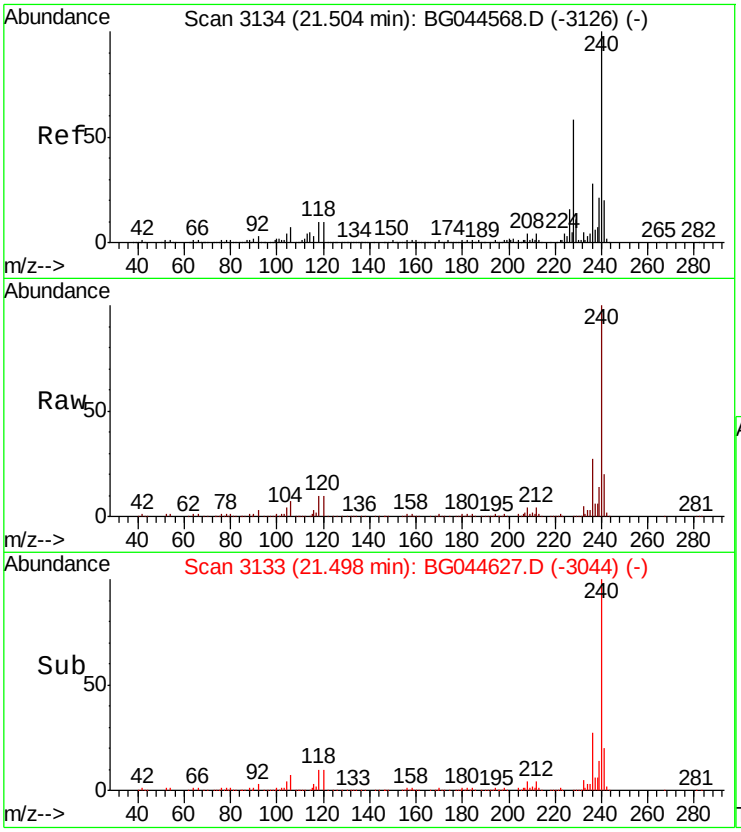


#67
4-Bromophenyl-phenylether
Concen: 3.704 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion:248 Resp: 17895

Ion	Ratio	Lower	Upper
248	100		
250	198.2	78.7	118.1#
141	457.7	52.3	78.5#



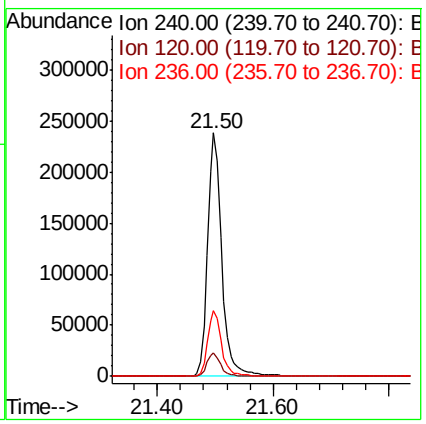


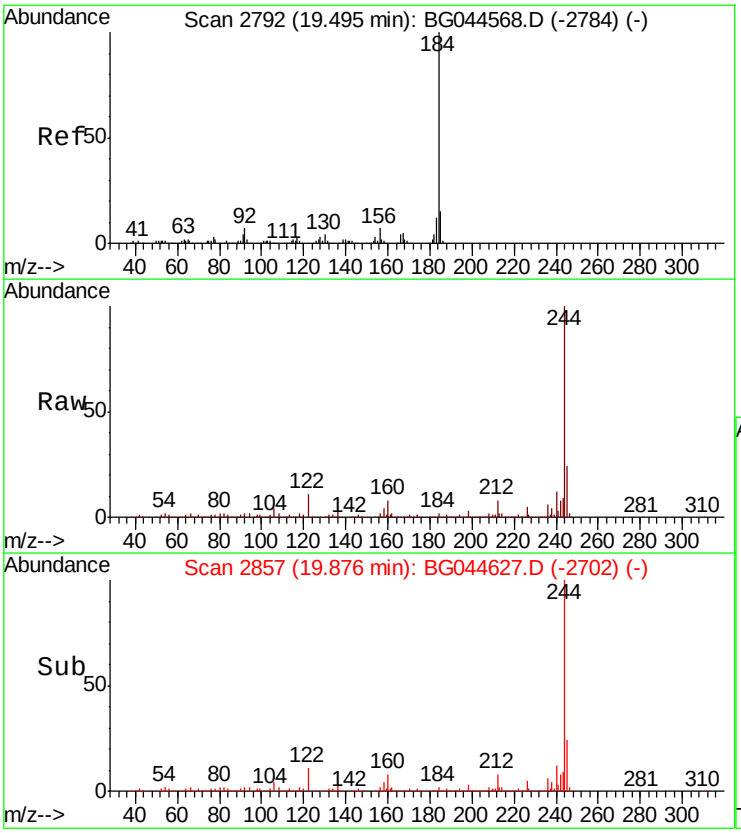
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 412538

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.3	12.5
236	26.8	22.3	33.5

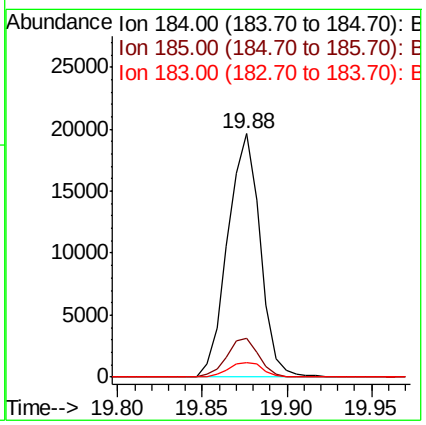


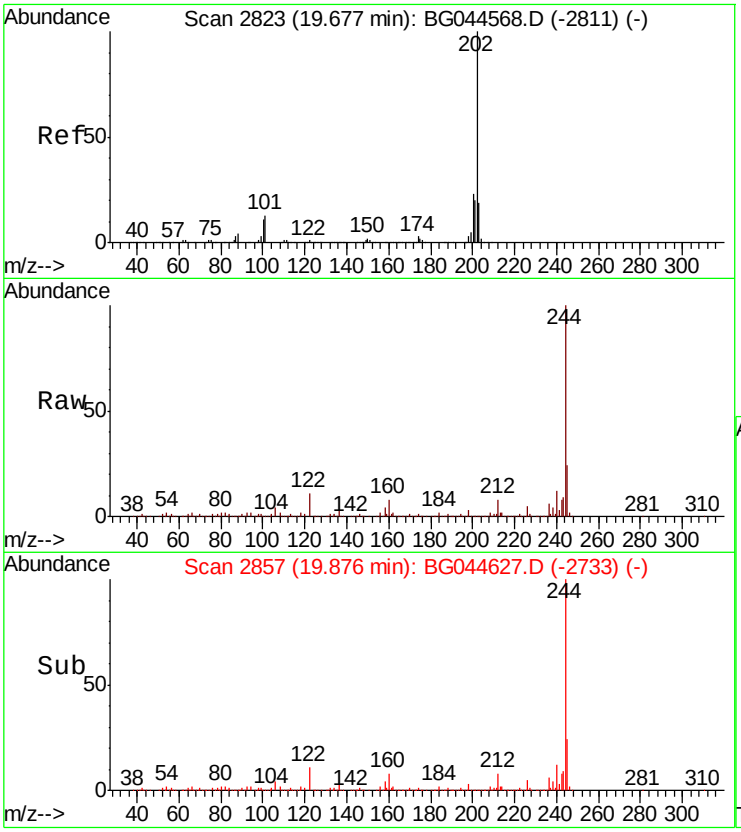


#77
Benzidine
Concen: 1.851 ng
RT: 19.88 min Scan# 2857
Delta R.T. 0.38 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion:184 Resp: 26159

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.2	18.4
183	6.1	9.9	14.9#



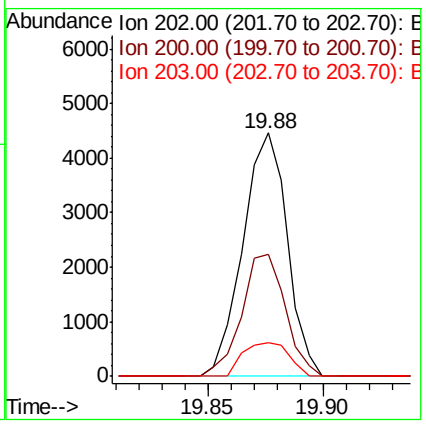


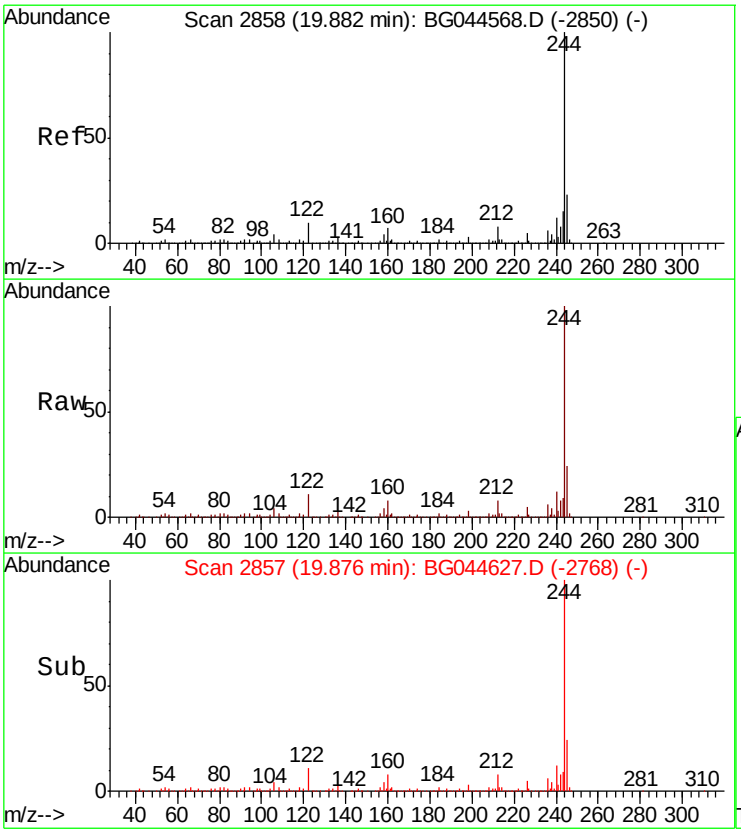
#78
Pyrene
Concen: 0.199 ng
RT: 19.88 min Scan# 2857
Delta R.T. 0.20 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 5974

Ion	Ratio	Lower	Upper
202	100		
200	50.3	18.6	28.0#
203	13.7	15.3	22.9#

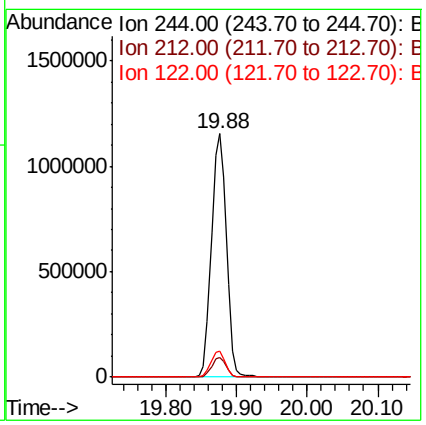


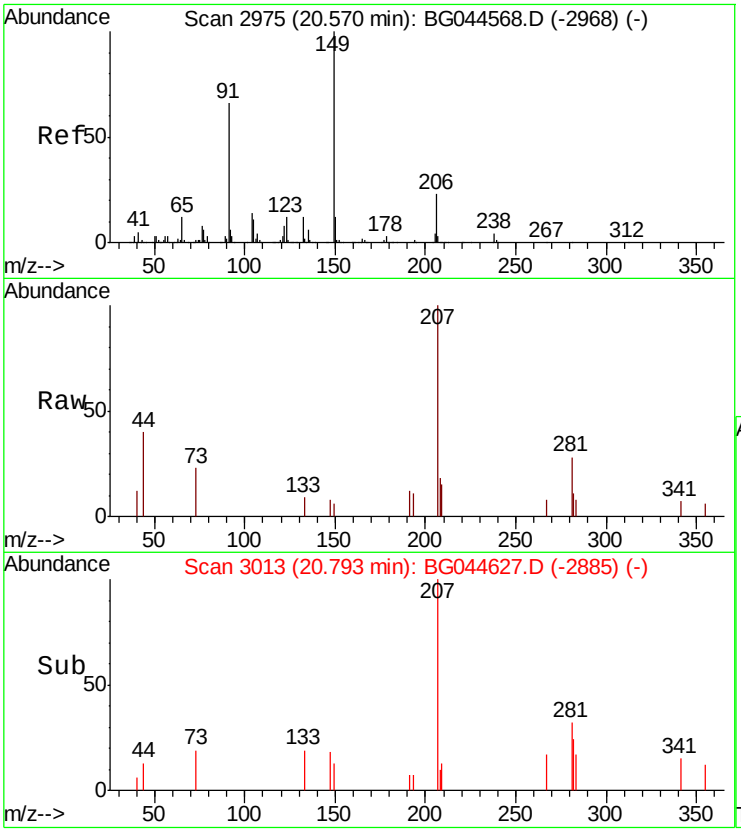


#79
Terphenyl-d14
Concen: 78.381 ng
RT: 19.88 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion:244 Resp: 1708085

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	10.6	8.2	12.4



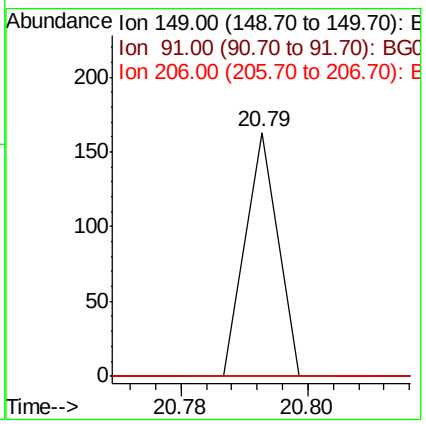


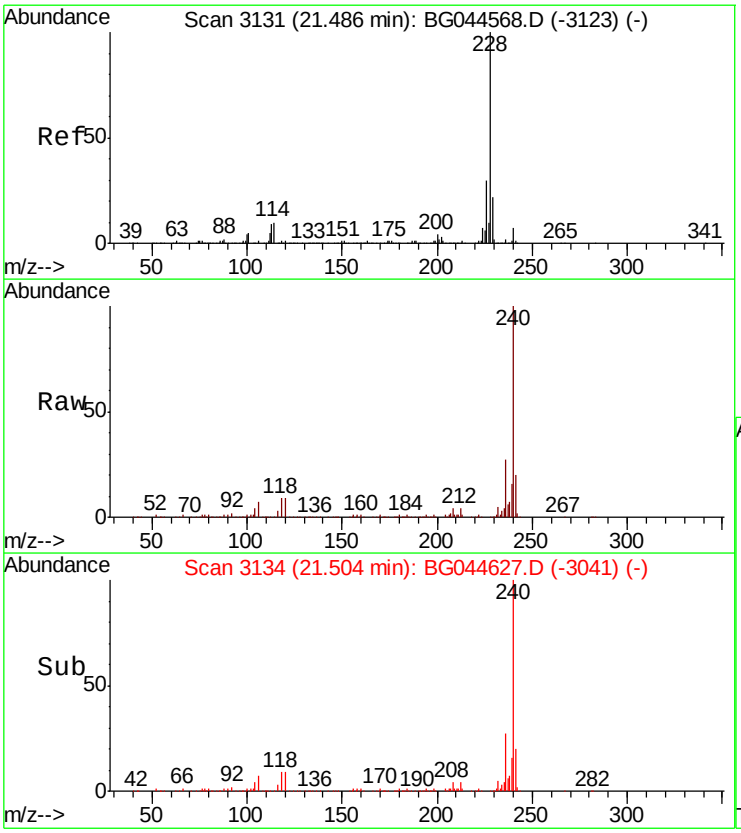
#80
Butylbenzylphthalate
Concen: 0.004 ng
RT: 20.79 min Scan# 3013
Delta R.T. 0.22 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 57

Ion	Ratio	Lower	Upper
149	100		
91	0.0	52.7	79.1#
206	0.0	18.6	28.0#

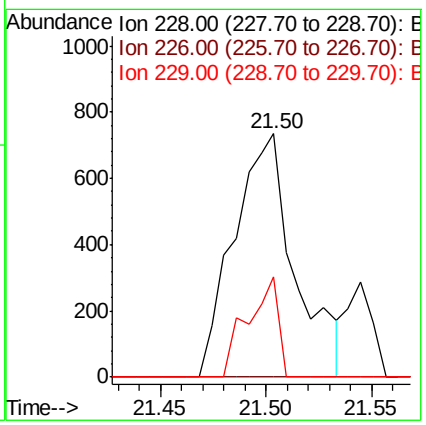


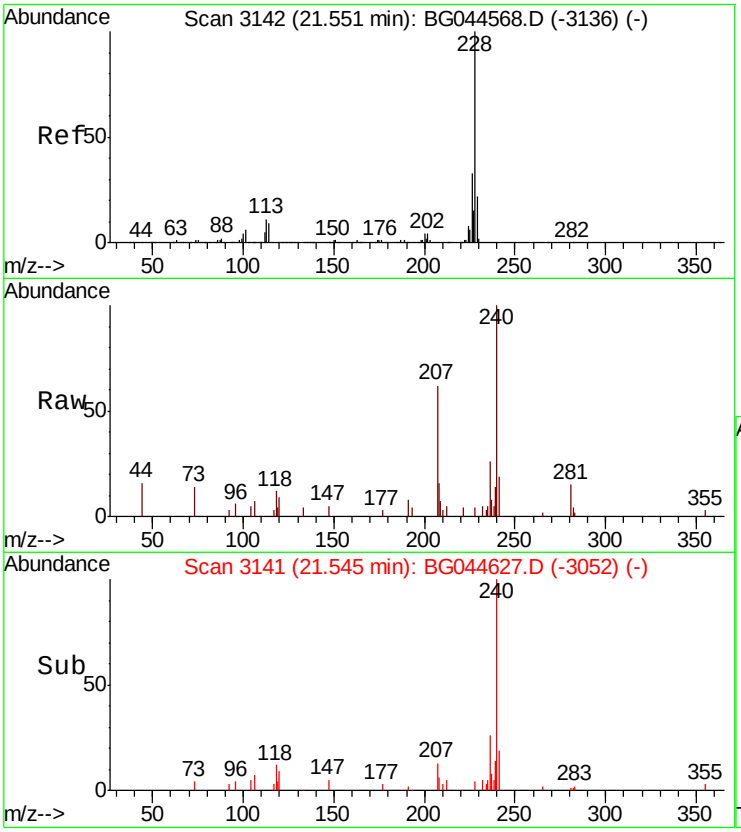


#81
Benzo(a)anthracene
Concen: 0.051 ng
RT: 21.50 min Scan# 3134
Delta R.T. 0.02 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion:228 Resp: 1471

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.8	35.8#
229	41.1	17.2	25.8#



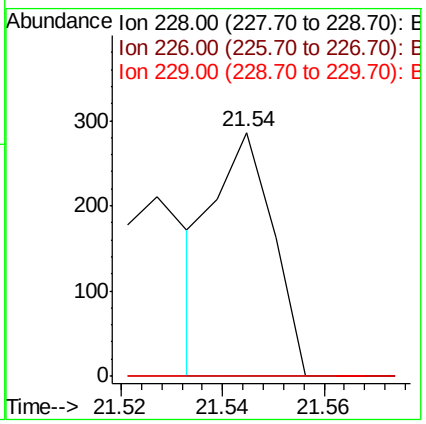


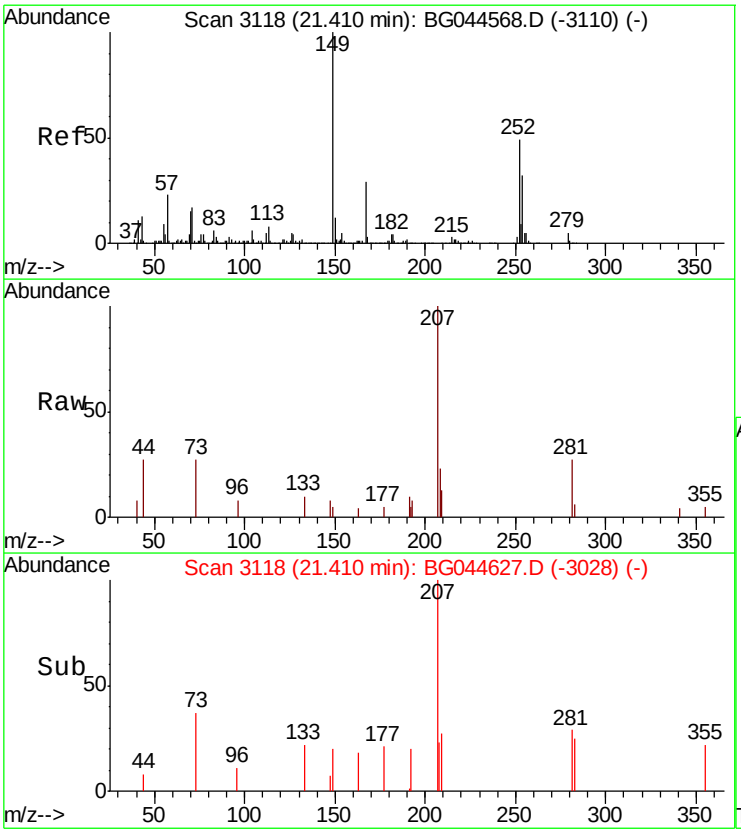
#83
Chrysene
Concen: 0.008 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 231

Ion	Ratio	Lower	Upper
228	100		
226	0.0	26.1	39.1#
229	0.0	17.2	25.8#

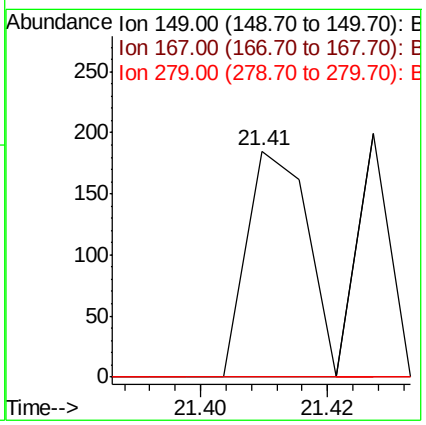


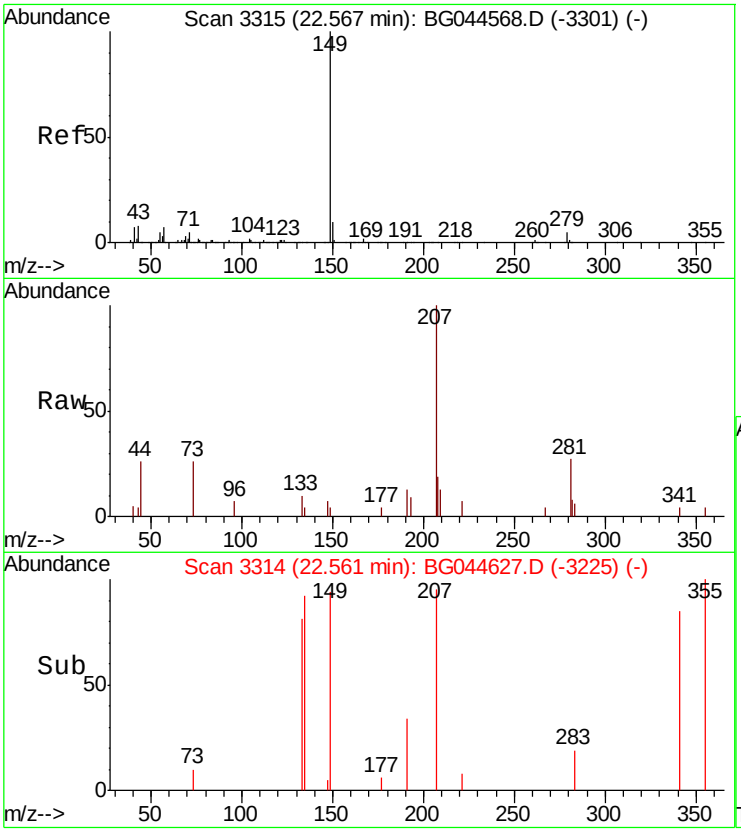


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.007 ng
RT: 21.41 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion:149 Resp: 122

Ion	Ratio	Lower	Upper
149	100		
167	0.0	23.4	35.0#
279	0.0	4.2	6.4#



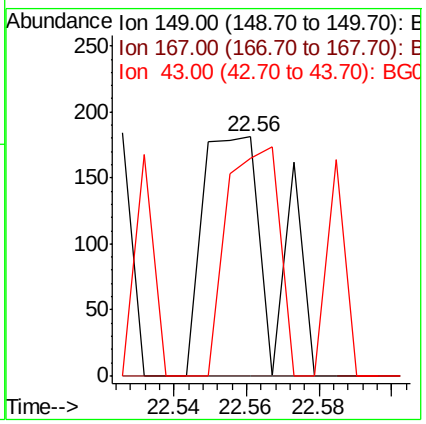


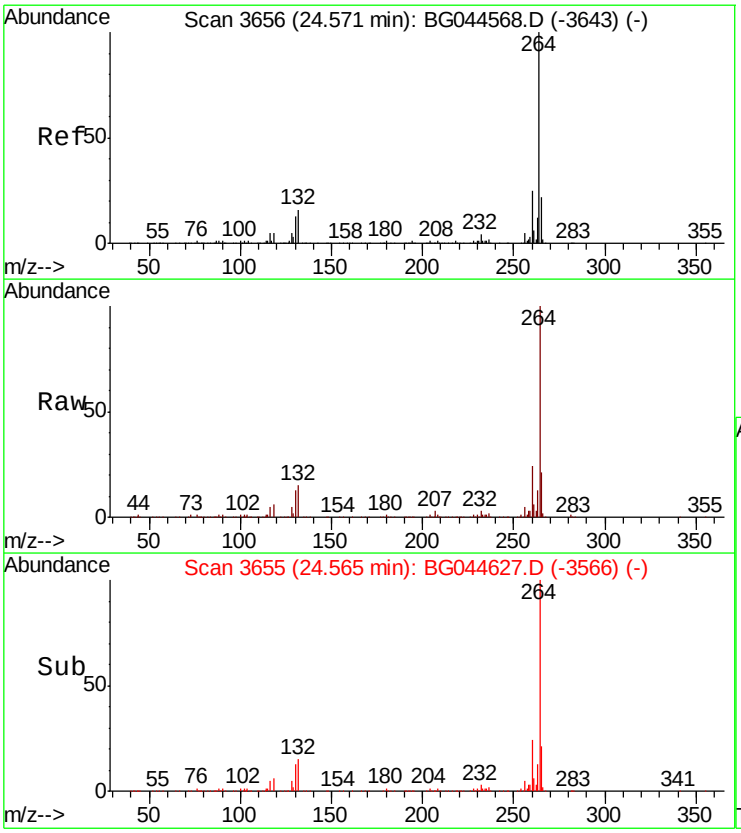
#85
Di-n-octyl phthalate
Concen: 0.008 ng
RT: 22.56 min Scan# 3314
Delta R.T. -0.01 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 246

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	6.6	10.0#

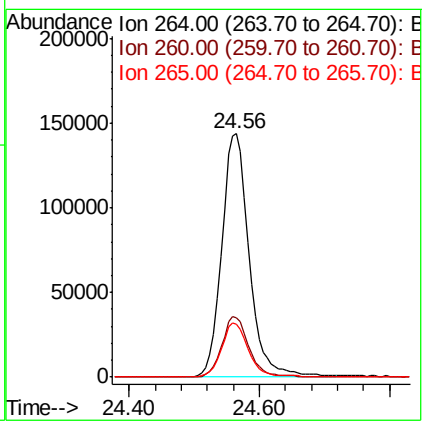


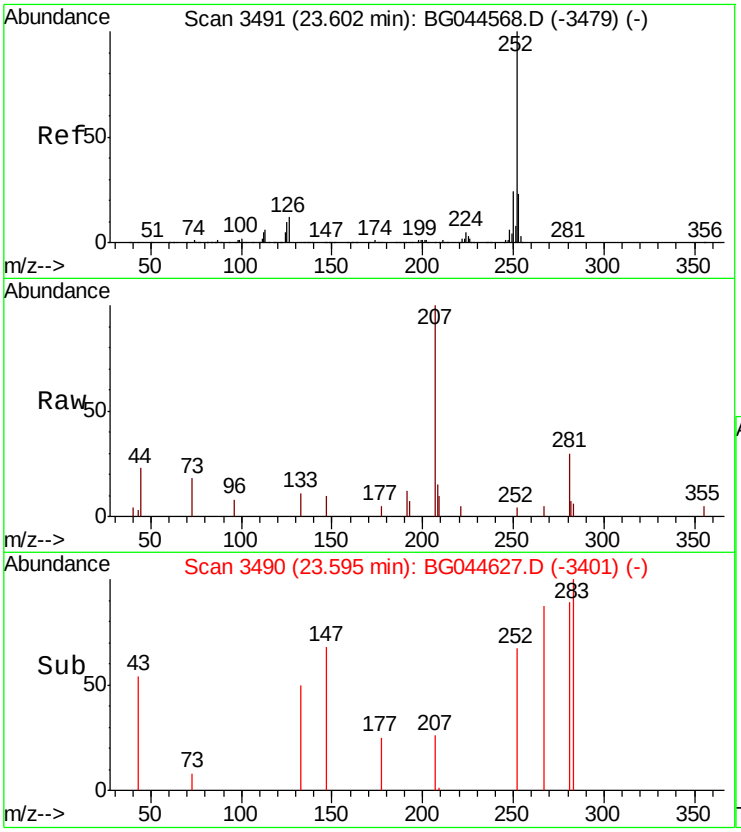


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion:264 Resp: 419829

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	21.5	17.8	26.8



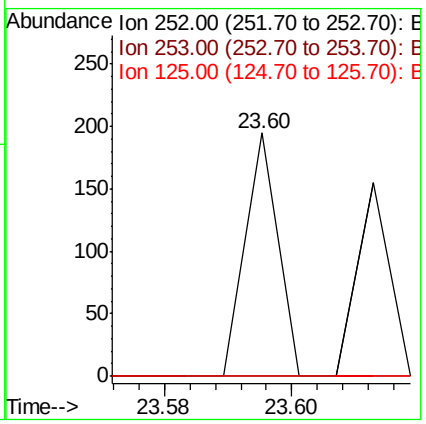


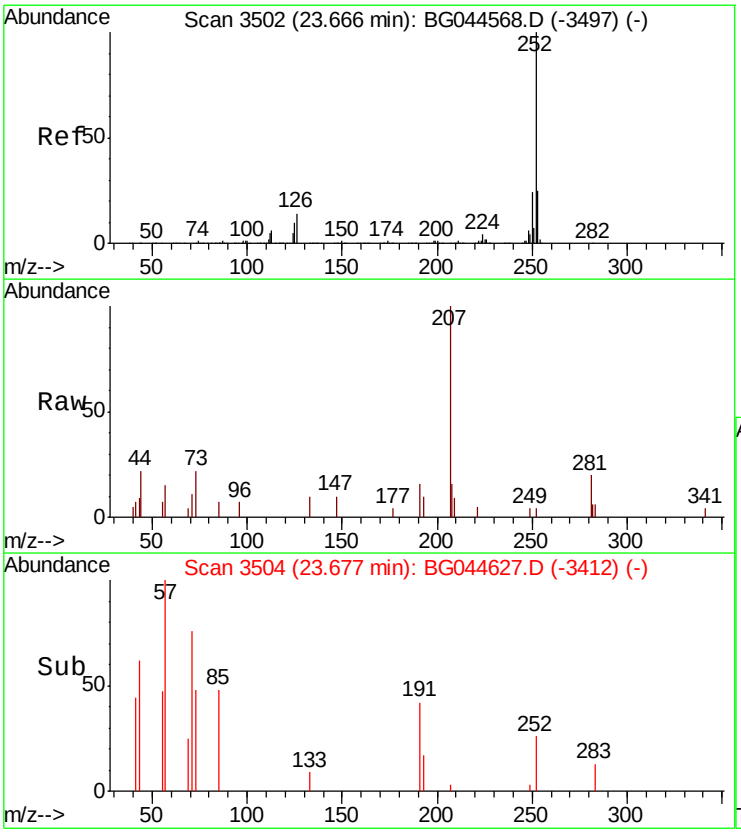
#88
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 23.60 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 69

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.4	27.6#
125	0.0	7.9	11.9#

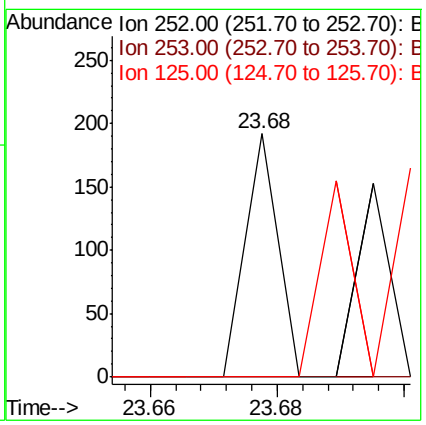


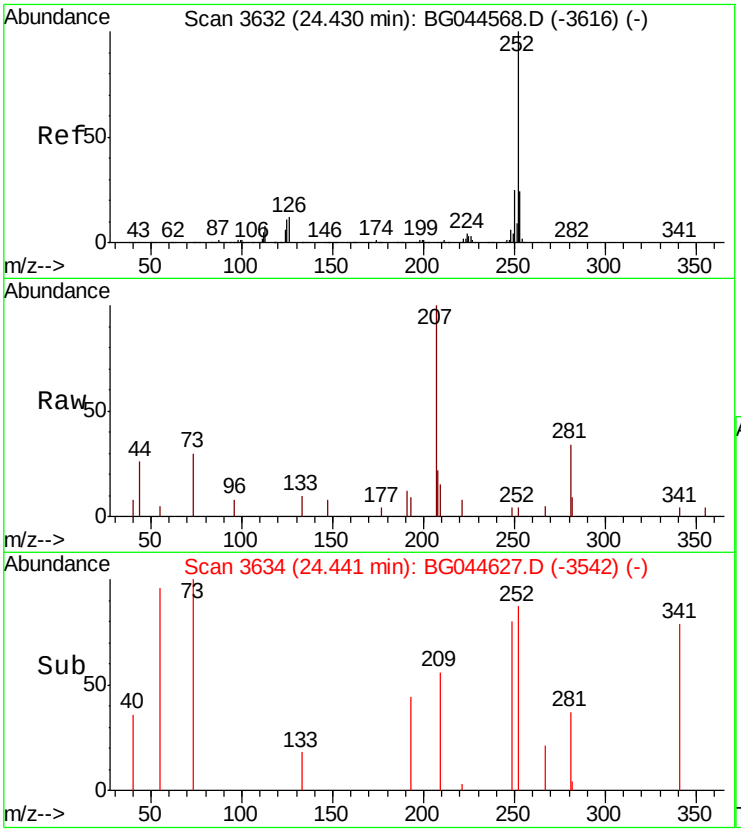


#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 23.68 min Scan# 3504
Delta R.T. 0.01 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Tgt Ion:252 Resp: 68

Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.0	28.6#
125	0.0	7.8	11.8#





#90
Benzo(a)pyrene
Concen: 0.002 ng
RT: 24.44 min Scan# 3634
Delta R.T. 0.01 min
Lab File: BG044627.D
Acq: 29 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 60

Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.0	28.4#
125	0.0	8.5	12.7#