Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040119.D
Acq On : 25 Mar 2019 16:12
Operator : JU/SJ
Sample : PB118232BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118232BL

Quant Time: Mar 26 02:52:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	31014	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	130630	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	93525	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	260209	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	274046	20.00	ng	-0.03
87) Perylene-d12	25.15	264	271444	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	223097	122.72	ng	-0.02
7) Phenol-d6	7.29	99	325819	120.20	ng	-0.02
23) Nitrobenzene-d5	9.32	82	187533	77.64	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	143965	132.07	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	512535	78.03	ng	-0.03
79) Terphenyl-d14	20.10	244	954107	76.66	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	63	0.075	ng	# 1
4) n-Nitrosodimethylamine	3.90	42	155	0.145	ng	# 1
6) Aniline	7.67	93	348	0.098	ng	# 1
9) Benzaldehyde	7.28	77	523	0.299	ng	# 4
10) Phenol	7.67	94	508	0.173	ng	# 1
11) bis(2-Chloroethyl)ether	7.67	93	348	0.152	ng	# 1
15) Benzyl Alcohol	8.46	79	2830	1.316	ng	# 37
19) n-Nitroso-di-n-propylamine	9.32	70	24471	12.542	ng	# 67
24) Nitrobenzene	9.32	77	482	0.190	ng	# 27
46) 1,1'-Biphenyl	13.60	154	544	0.071	ng	87
48) 2-Nitroaniline	13.38	65	880	0.473	ng	# 1
51) 2,6-Dinitrotoluene	14.76	165	12621	7.613	ng	# 22
52) Acenaphthene	14.79	154	71	0.012	ng	# 5
57) 2,4-Dinitrotoluene	14.76	165	12621	5.418	ng	# 17
58) Fluorene	16.26	166	5840	0.792	ng	# 82
63) Azobenzene	16.25	77	644	0.092	ng	# 31
65) 4,6-Dinitro-2-methylphenol	16.25	198	374	0.243	ng	# 1
66) n-Nitrosodiphenylamine	16.25	169	5524	0.733	ng	# 46
67) 4-Bromophenyl-phenylether	16.26	248	10300	3.536	ng	# 1
74) Di-n-butylphthalate	18.45	149	56	0.004	ng	# 77
77) Benzidine	20.10	184	15600	1.794	ng	# 92
78) Pyrene	20.10	202	3791	0.213	ng	# 64
80) Butylbenzylphthalate	20.63	149	53	0.008	ng	# 22
81) Benzo(a)anthracene	21.79	228	615	0.036	ng	# 39
83) Chrysene	21.79	228	615	0.037	ng	# 37
84) Bis(2-ethylhexyl)phthalate	21.67	149	801	0.083	ng	# 52
85) Di-n-octyl phthalate	22.90	149	1062	0.066	ng	# 83
90) Benzo(a)pyrene	25.14	252	339	0.023	ng	# 59

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

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Acq On : 25 Mar 2019 16:12
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Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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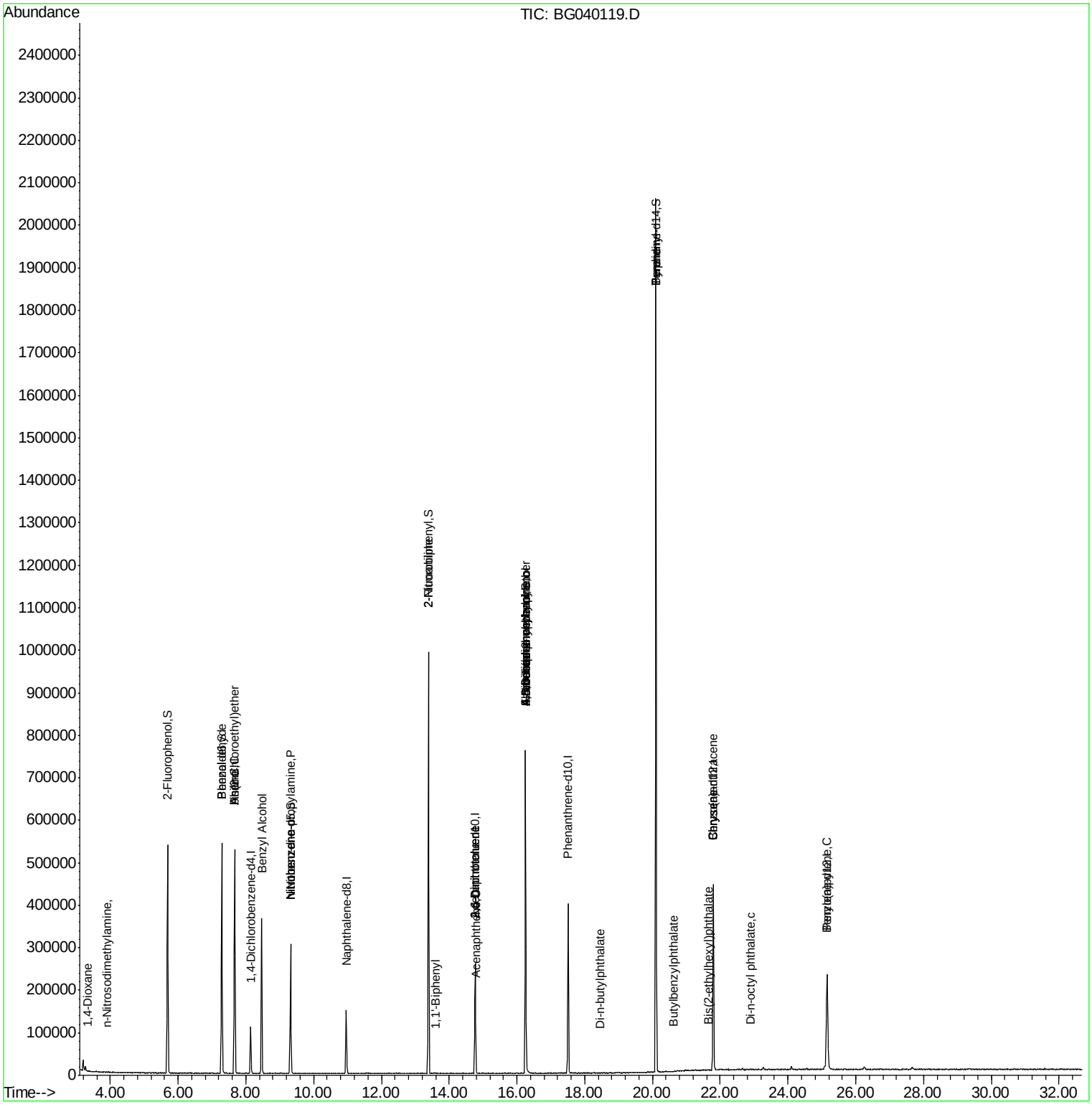
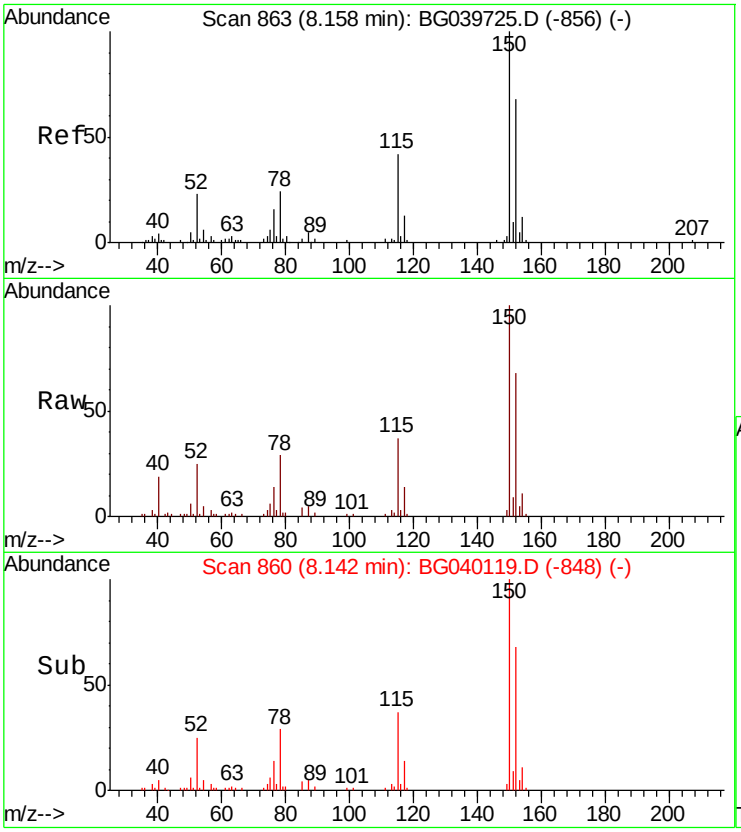


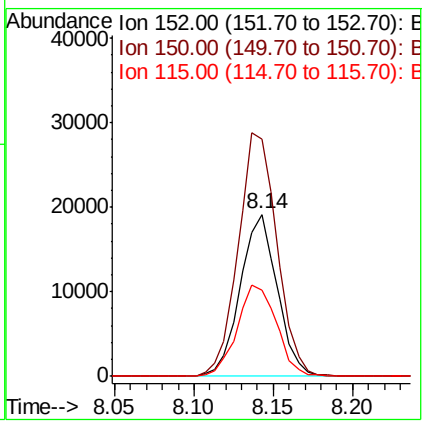


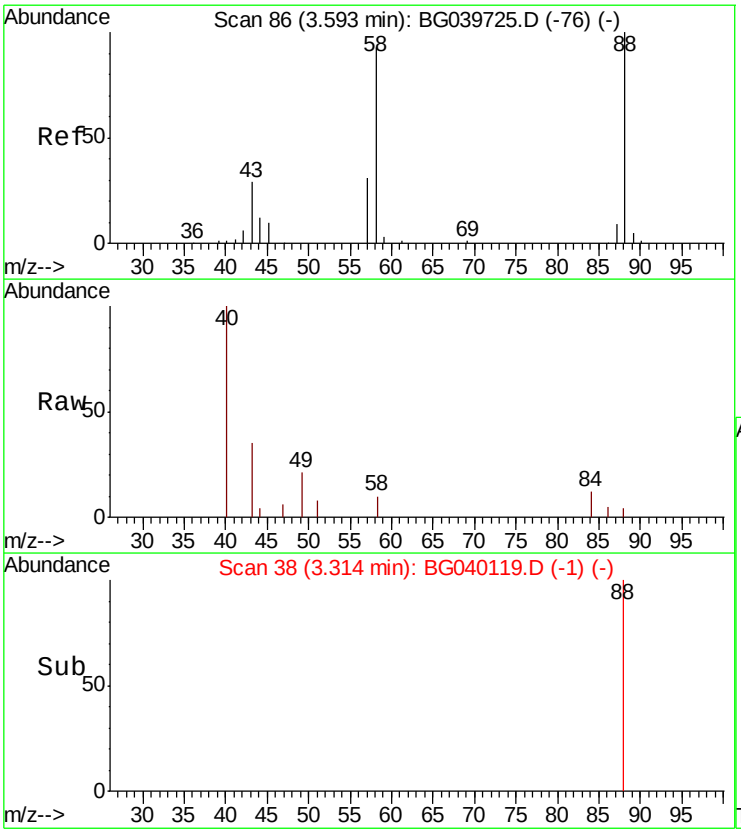
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion:152 Resp: 31014

Ion	Ratio	Lower	Upper
152	100		
150	146.2	123.7	185.5
115	53.5	45.9	68.9

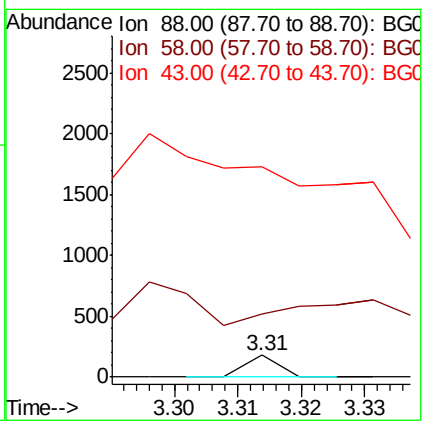


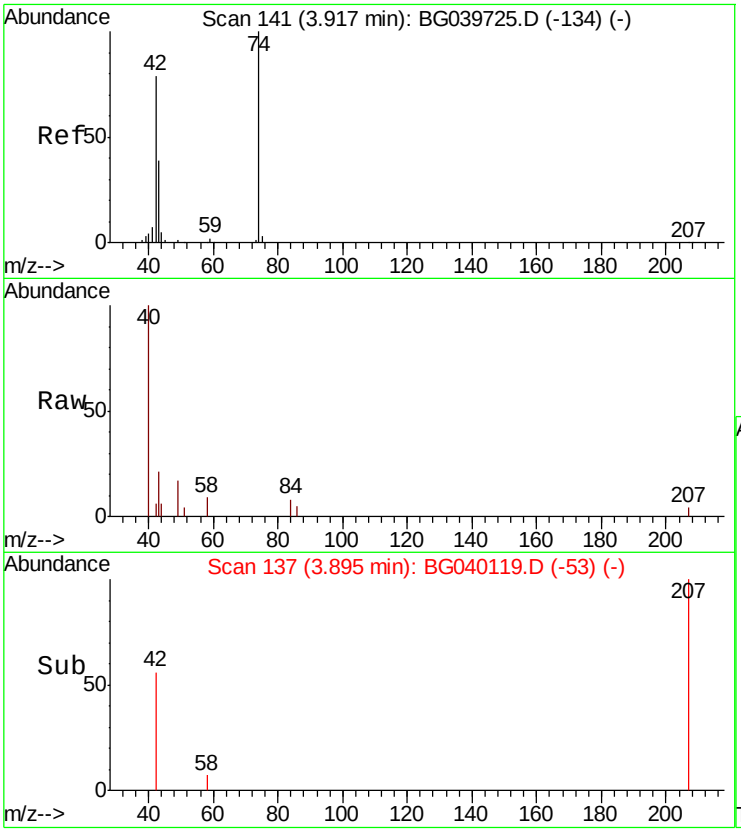


#2
1,4-Dioxane
Concen: 0.075 ng
RT: 3.31 min Scan# 38
Delta R.T. -0.29 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
58	415.9	81.1	121.7#
43	0.0	31.4	47.0#



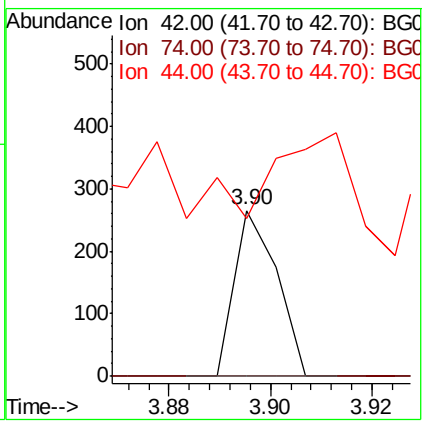


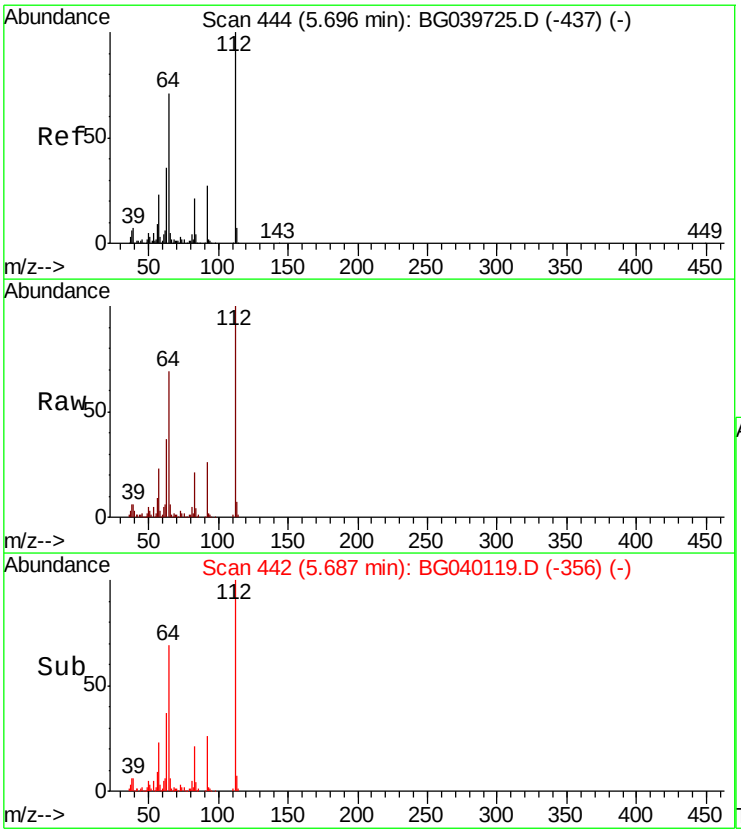
#4
n-Nitrosodimethylamine
Concen: 0.145 ng
RT: 3.90 min Scan# 137
Delta R.T. -0.03 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion: 42 Resp: 155

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.6	125.4#
44	95.5	6.9	10.3#

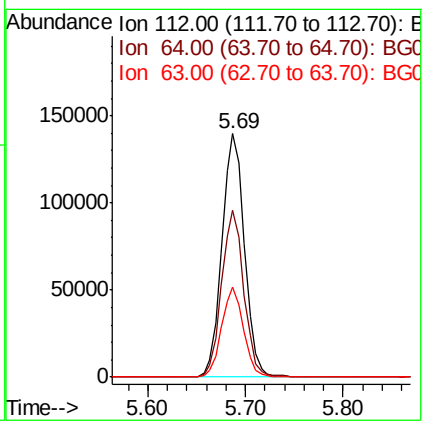


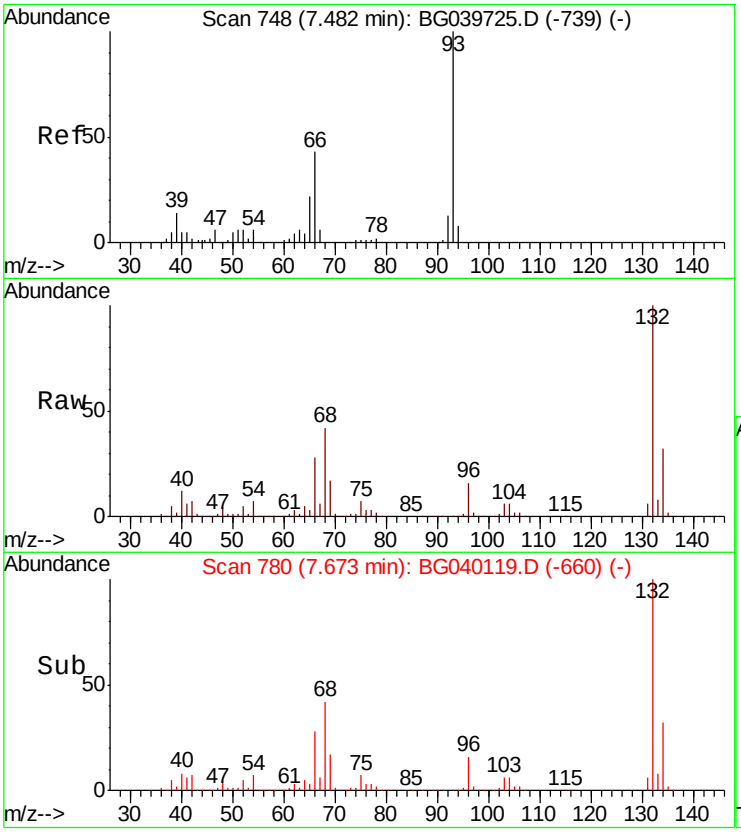


#5
2-Fluorophenol
Concen: 122.721 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion:112 Resp: 223097

Ion	Ratio	Lower	Upper
112	100		
64	68.7	57.8	86.8
63	37.0	29.8	44.6



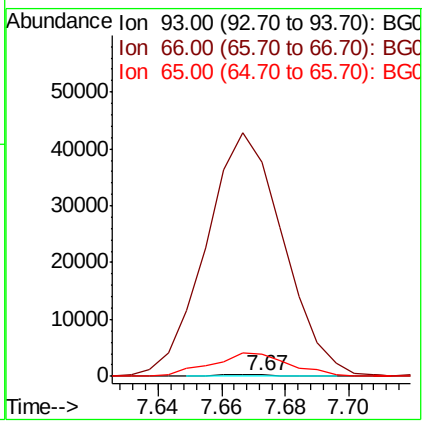


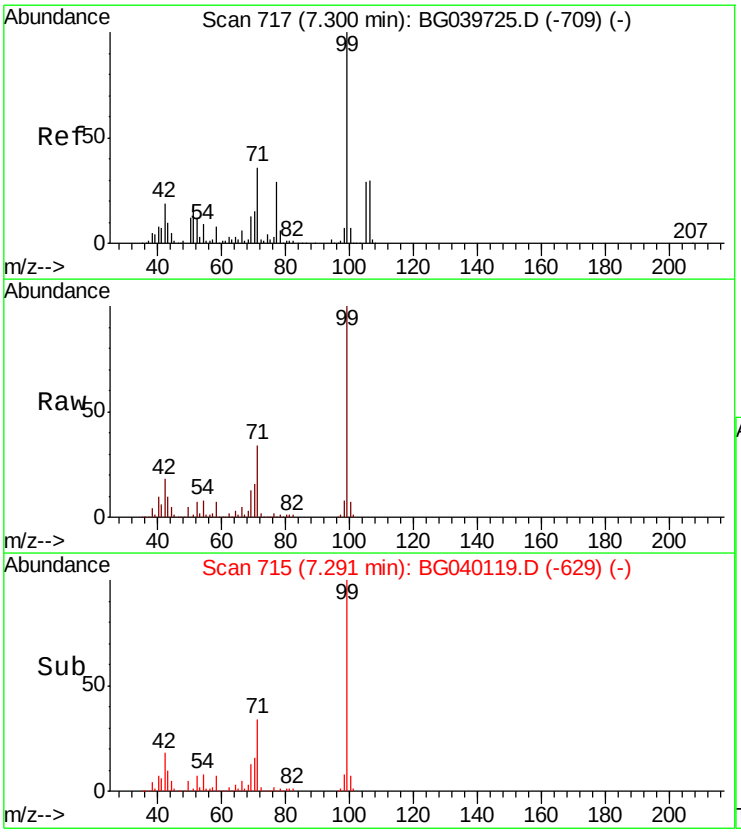
#6
Aniline
Concen: 0.098 ng
RT: 7.67 min Scan# 780
Delta R.T. 0.18 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion: 93 Resp: 348

Ion	Ratio	Lower	Upper
93	100		
66	12981.4	34.2	51.4#
65	1362.2	17.7	26.5#

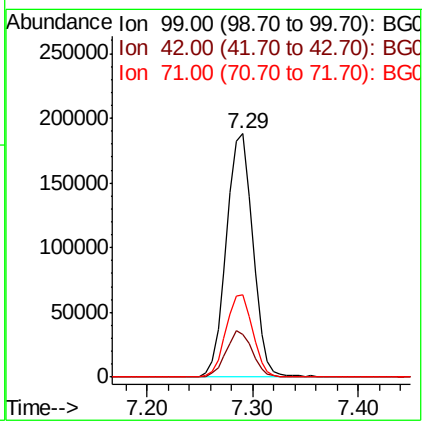


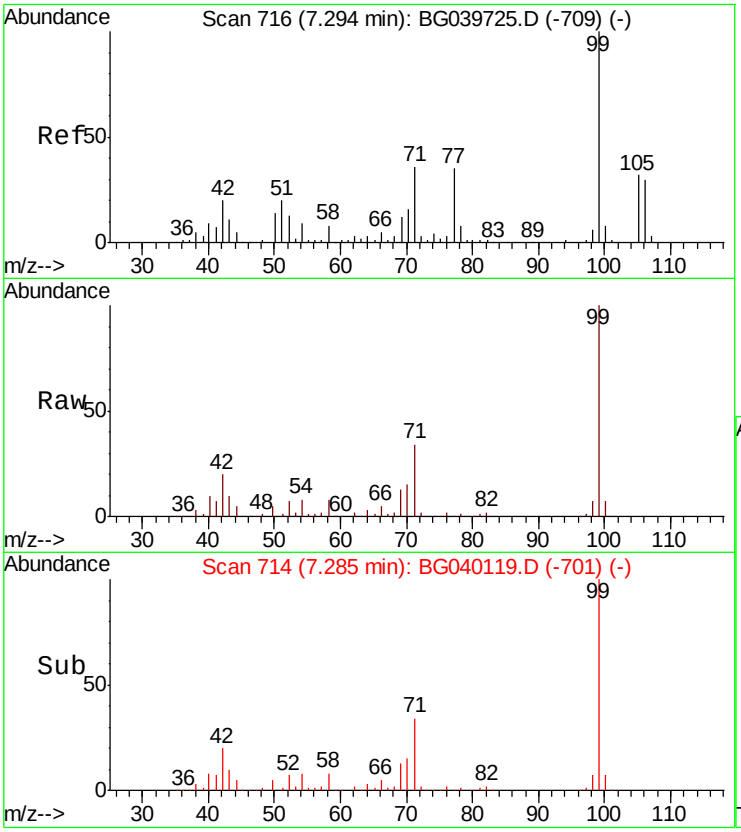


#7
Phenol-d6
Concen: 120.200 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.02 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion: 99 Resp: 325819

Ion	Ratio	Lower	Upper
99	100		
42	17.6	18.2	27.2#
71	33.9	28.0	42.0



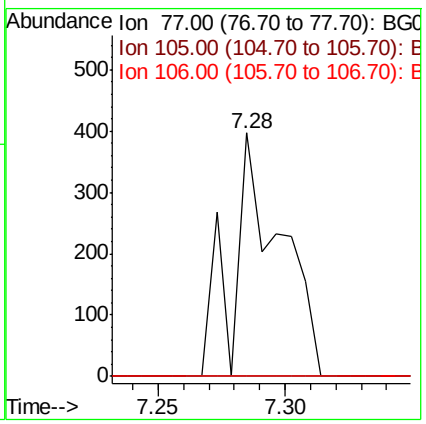


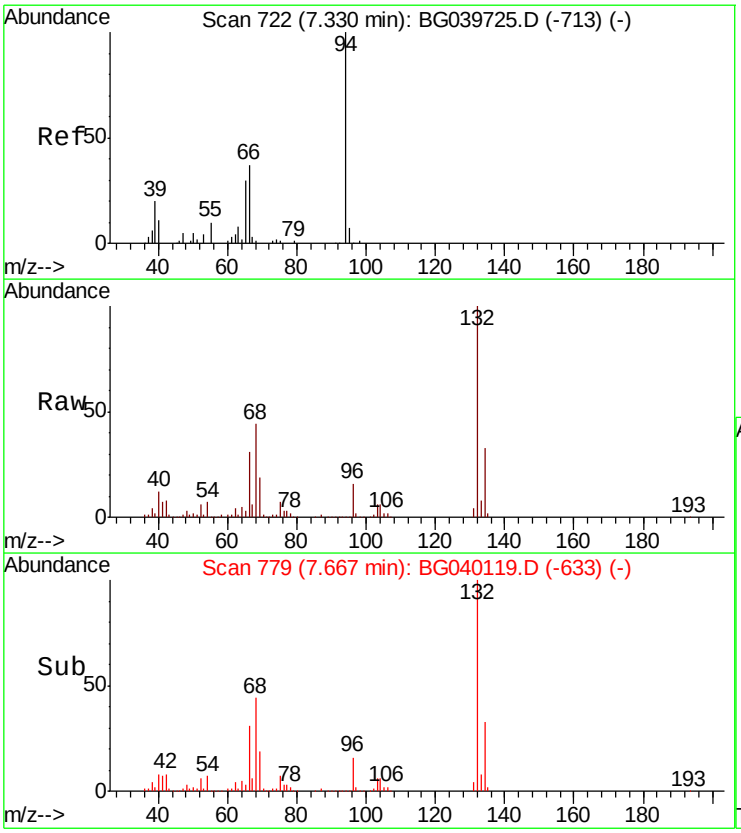
#9
Benzaldehyde
Concen: 0.299 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.02 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion: 77 Resp: 523

Ion	Ratio	Lower	Upper
77	100		
105	0.0	74.5	114.5#
106	0.0	68.0	108.0#

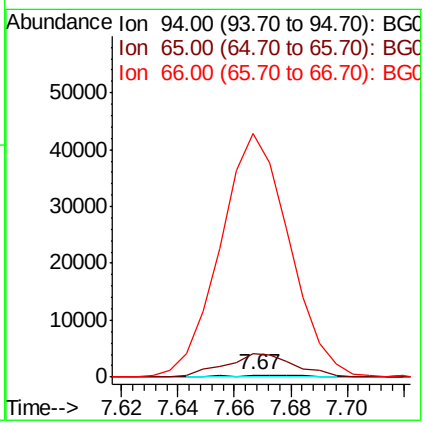


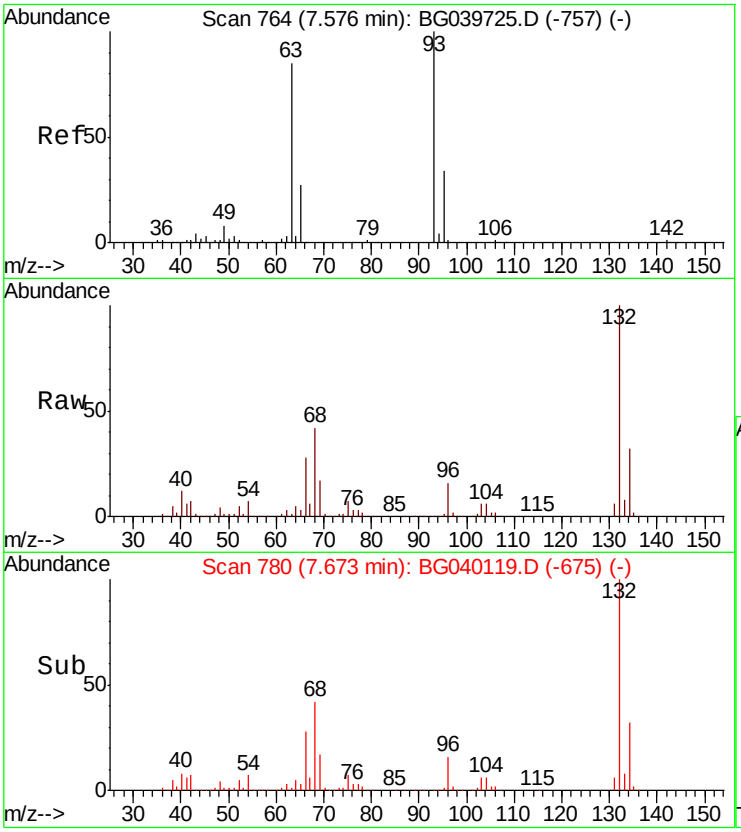


#10
Phenol
Concen: 0.173 ng
RT: 7.67 min Scan# 779
Delta R.T. 0.33 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion: 94 Resp: 508

Ion	Ratio	Lower	Upper
94	100		
65	1151.3	11.7	51.7#
66	12198.3	23.7	63.7#



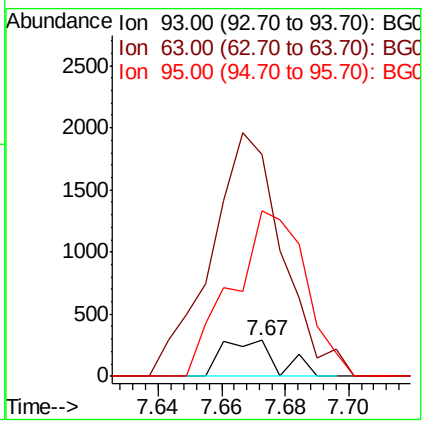


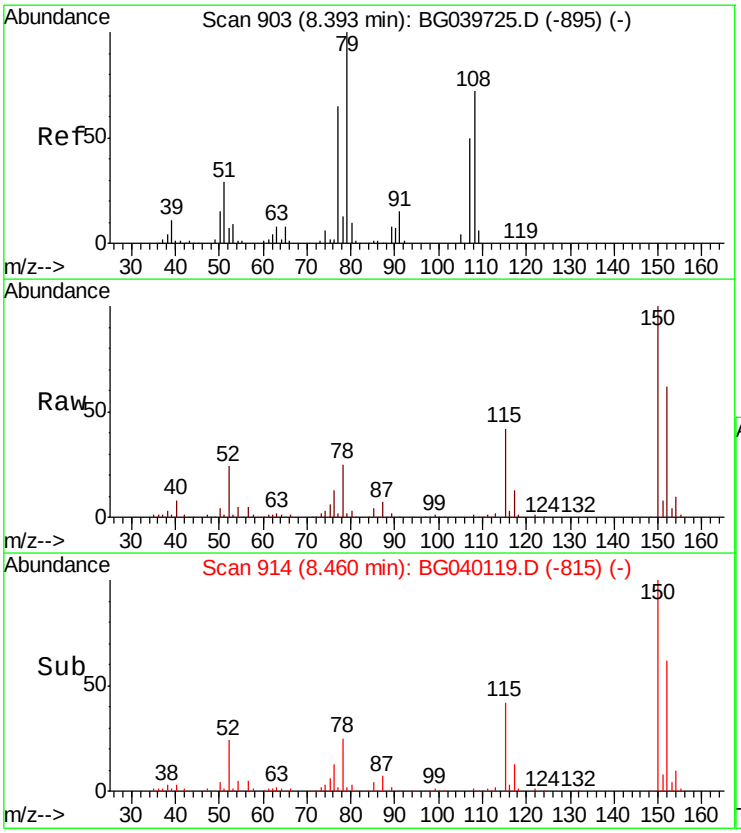
#11
bis(2-Chloroethyl)ether
Concen: 0.152 ng
RT: 7.67 min Scan# 780
Delta R.T. 0.09 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion: 93 Resp: 348

Ion	Ratio	Lower	Upper
93	100		
63	614.4	69.5	109.5#
95	459.1	12.7	52.7#

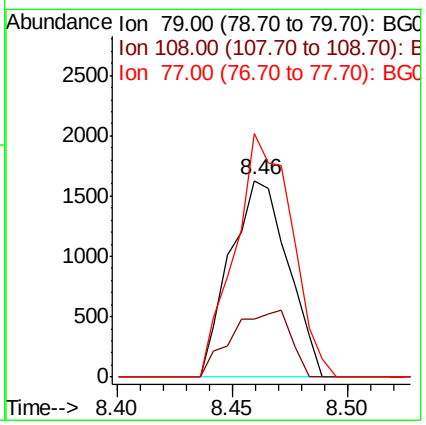


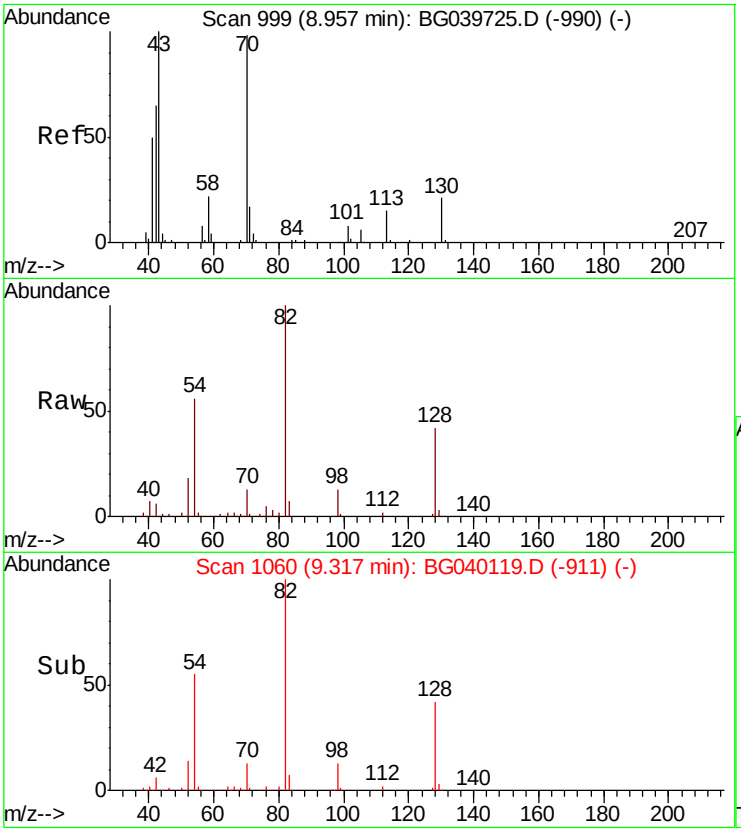


#15
Benzyl Alcohol
Concen: 1.316 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.05 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion: 79 Resp: 2830

Ion	Ratio	Lower	Upper
79	100		
108	29.7	57.8	86.6#
77	123.7	51.1	76.7#



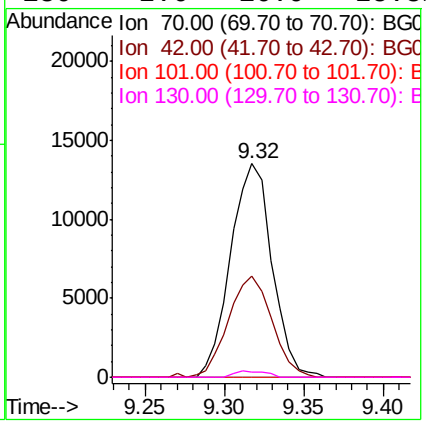


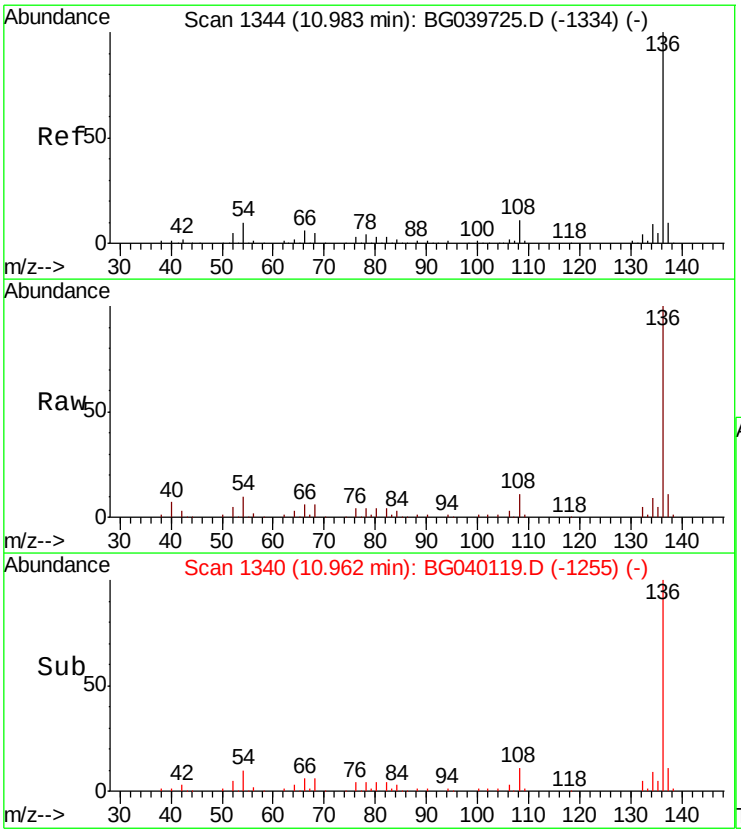
#19
n-Nitroso-di-n-propylamine
Concen: 12.542 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion: 70 Resp: 24471

Ion	Ratio	Lower	Upper
70	100		
42	47.5	60.4	90.6#
101	0.0	7.5	11.3#
130	2.6	16.9	25.3#

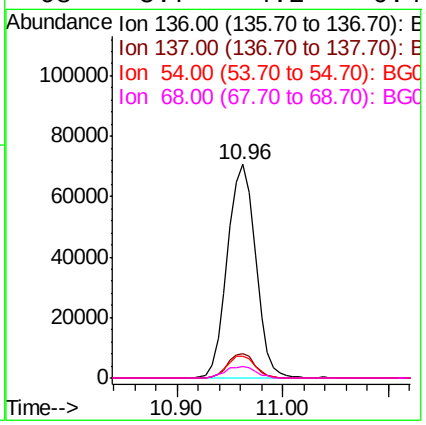


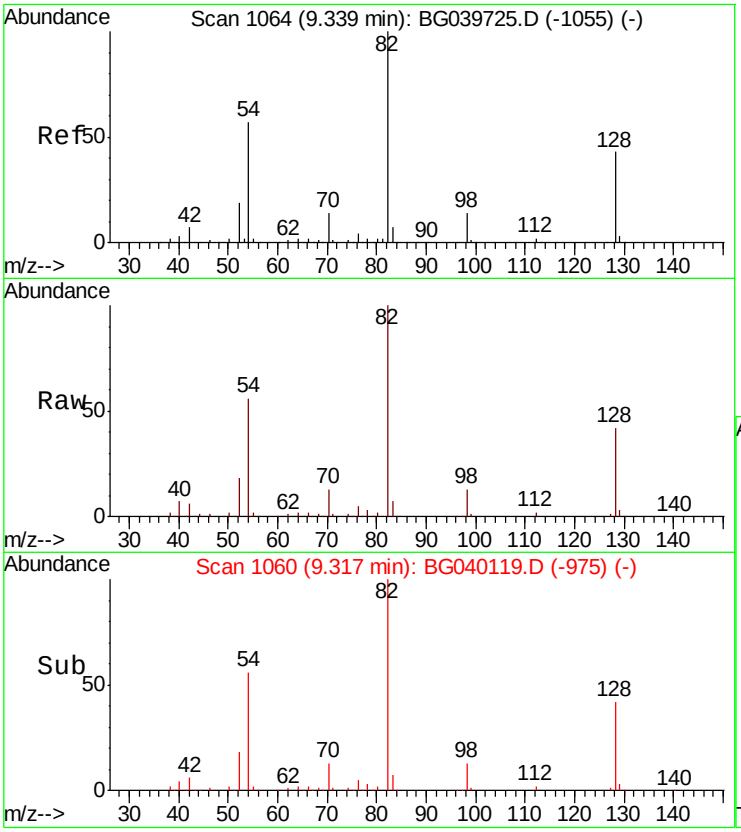


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion:136 Resp: 130630

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.2	9.4	14.2
68	5.7	4.2	6.4



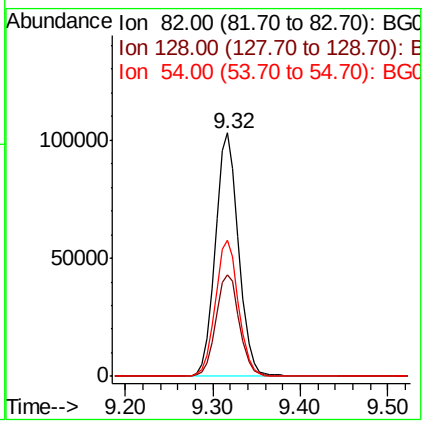


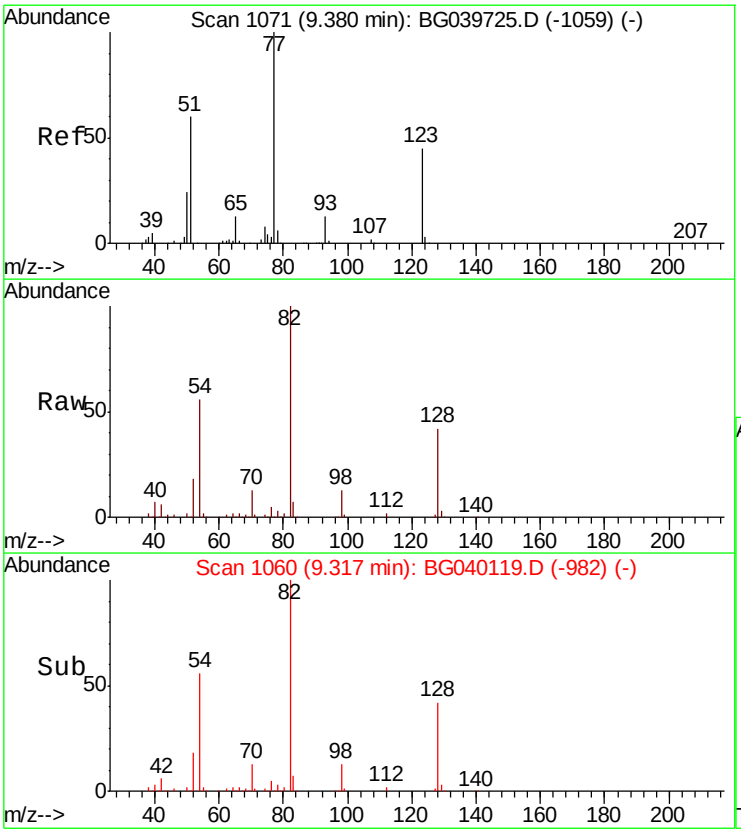
#23
Nitrobenzene-d5
Concen: 77.643 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion: 82 Resp: 187533

Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.3	46.9
54	56.0	50.9	76.3

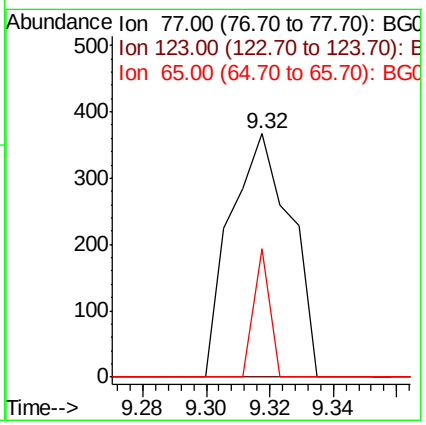


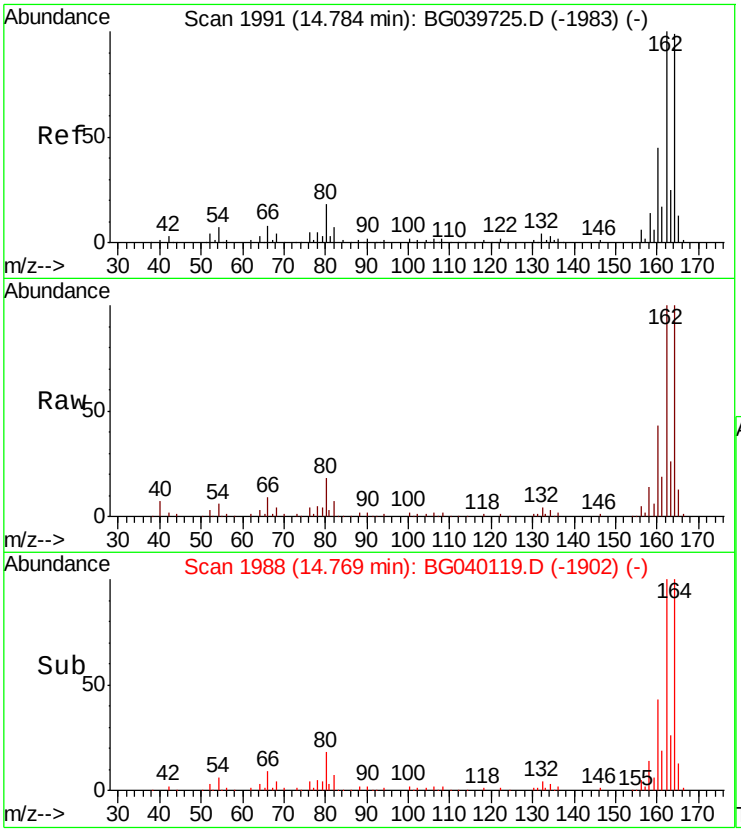


#24
Nitrobenzene
Concen: 0.190 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.07 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion: 77 Resp: 482

Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.1	51.1#
65	52.9	12.3	18.5#



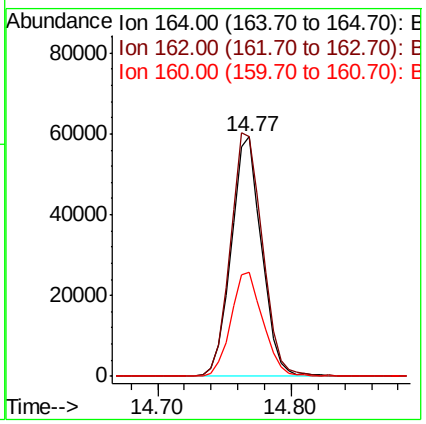


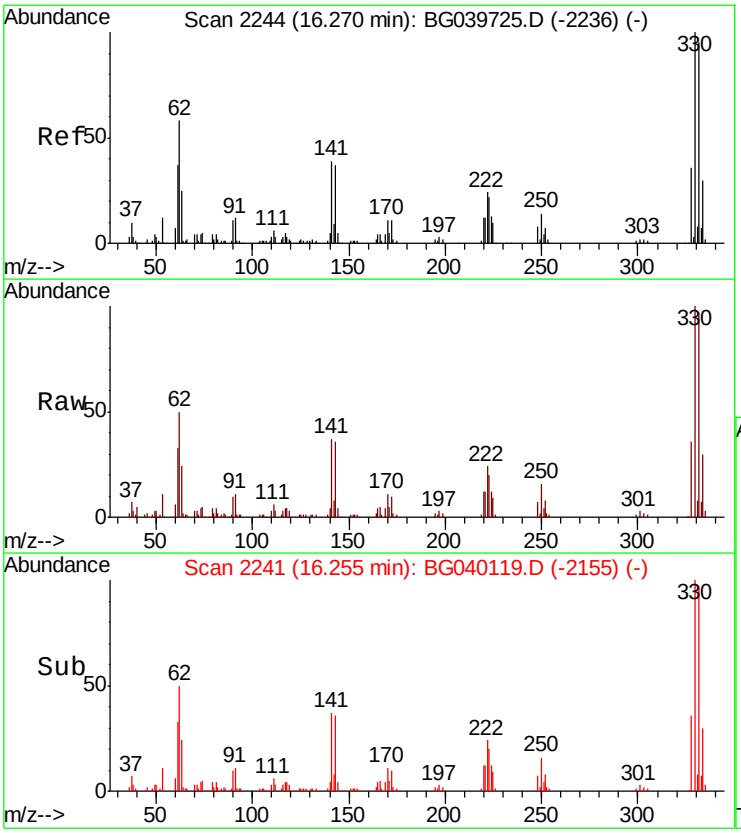
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion:164 Resp: 93525

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.6	122.4
160	43.2	34.2	51.2

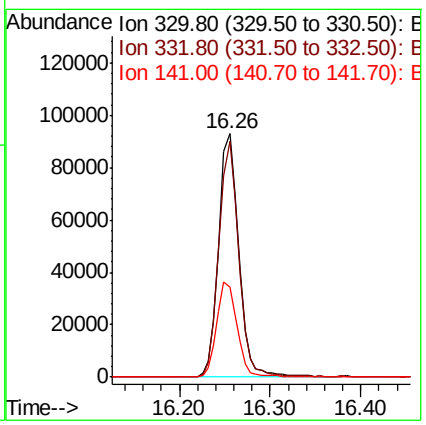


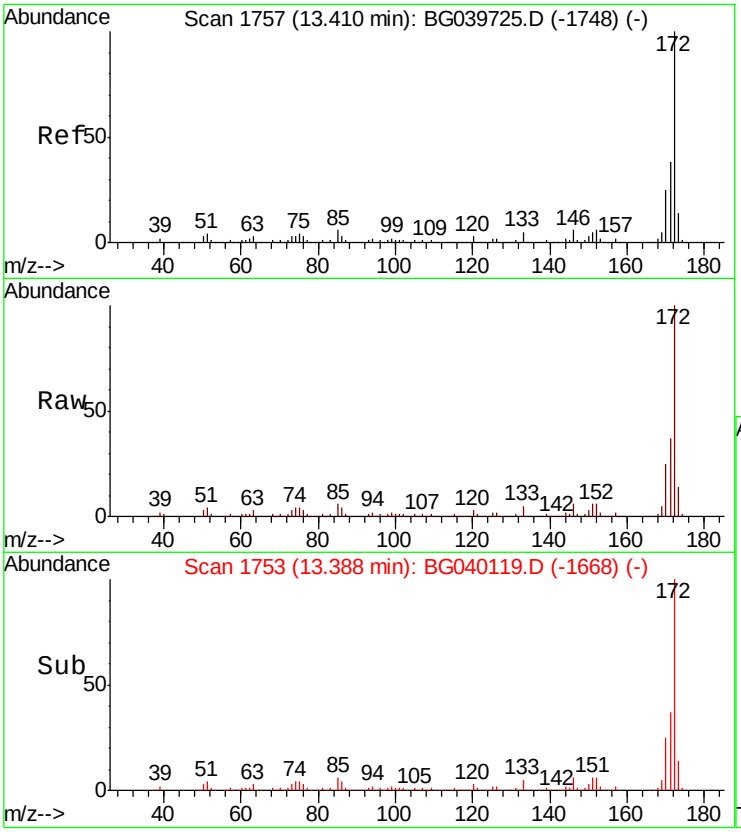


#42
2,4,6-Tribromophenol
Concen: 132.066 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion:330 Resp: 143965

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.7	113.5
141	39.2	35.6	53.4



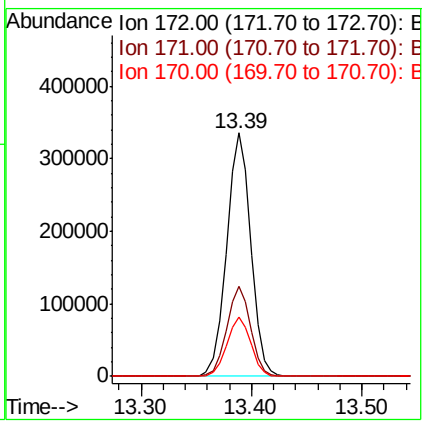


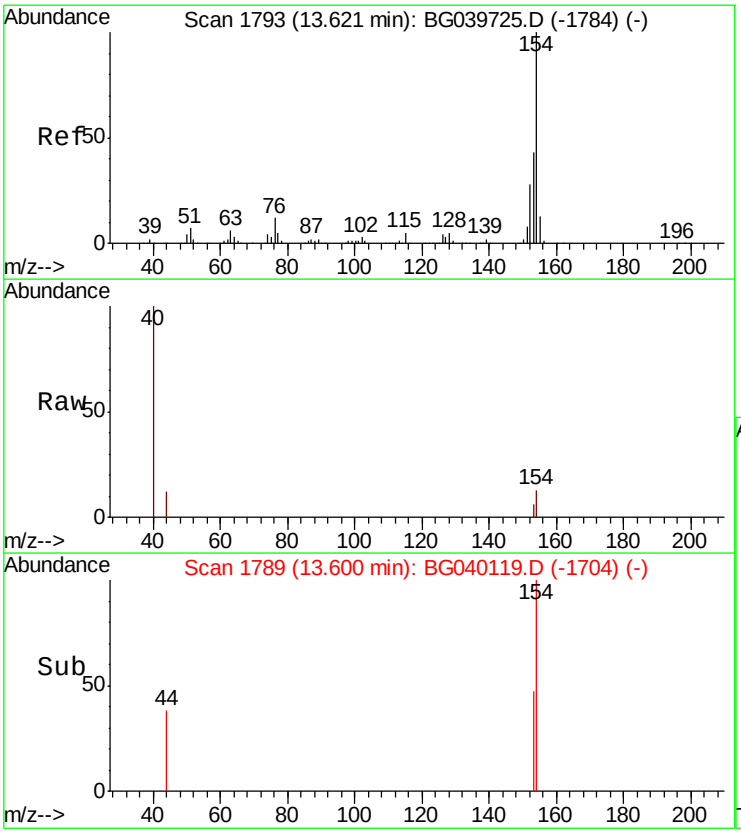
#45
2-Fluorobiphenyl
Concen: 78.029 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion:172 Resp: 512535

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.8	46.2
170	24.6	20.2	30.4

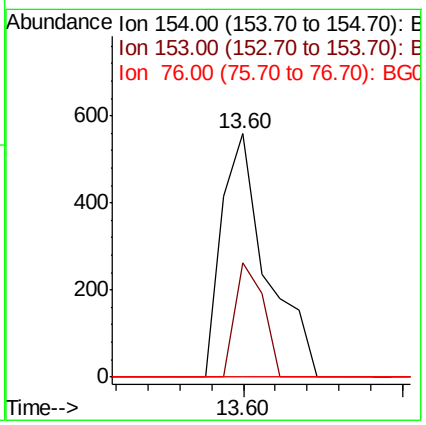


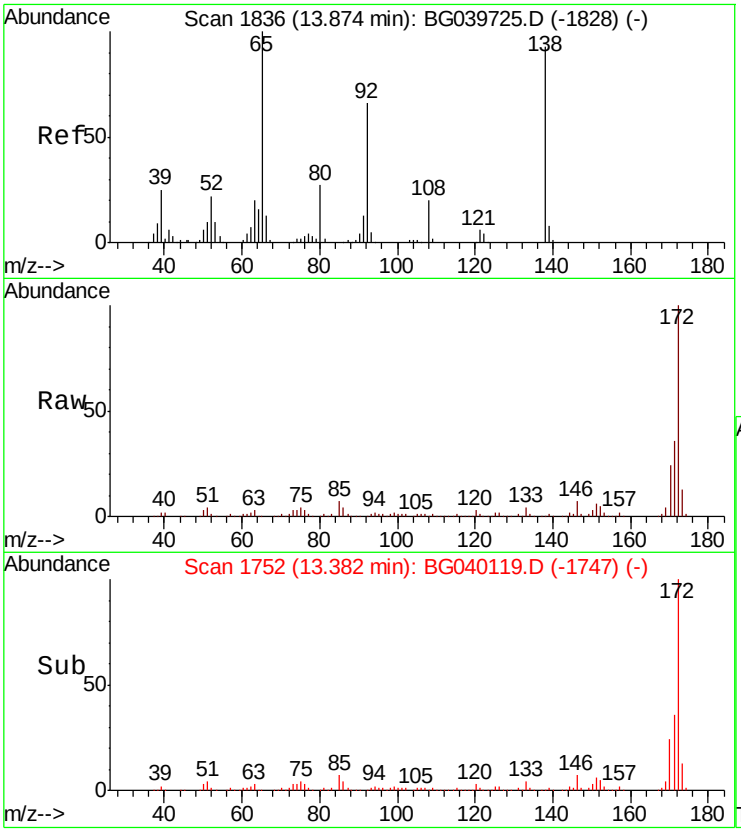


#46
1,1'-Biphenyl
Concen: 0.071 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion:154 Resp: 544

Ion	Ratio	Lower	Upper
154	100		
153	46.9	22.1	62.1
76	0.0	0.0	32.4



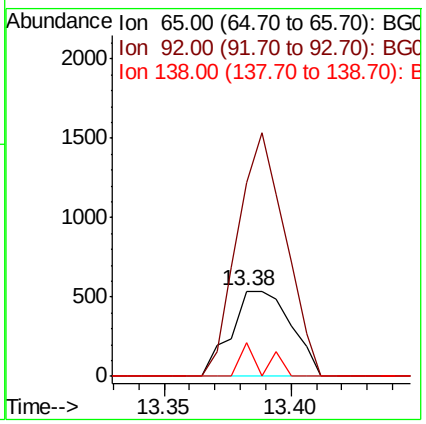


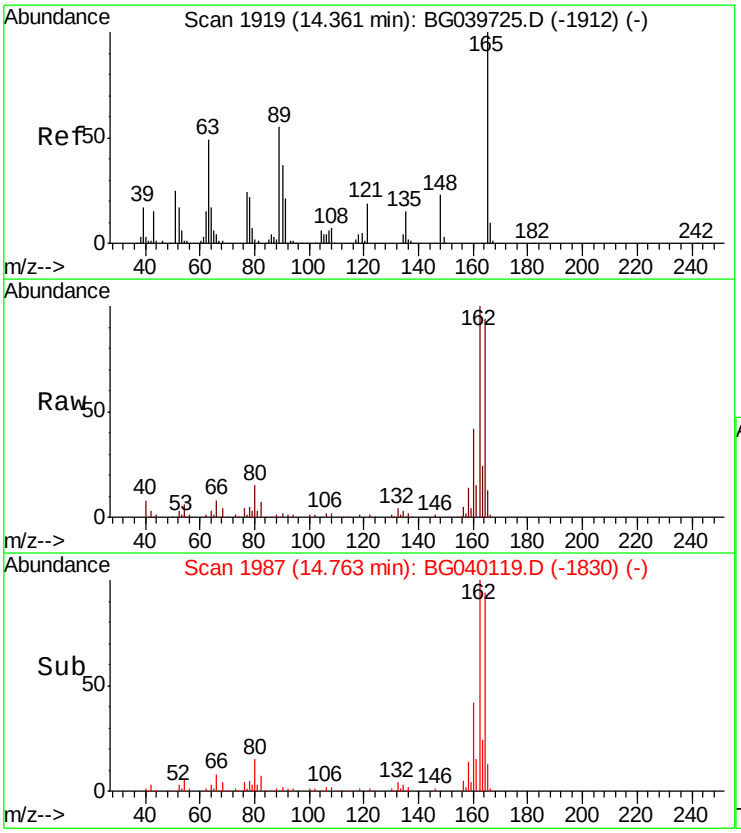
#48
2-Nitroaniline
Concen: 0.473 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.50 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion: 65 Resp: 880

Ion	Ratio	Lower	Upper
65	100		
92	227.2	51.4	77.2#
138	39.1	71.4	107.2#

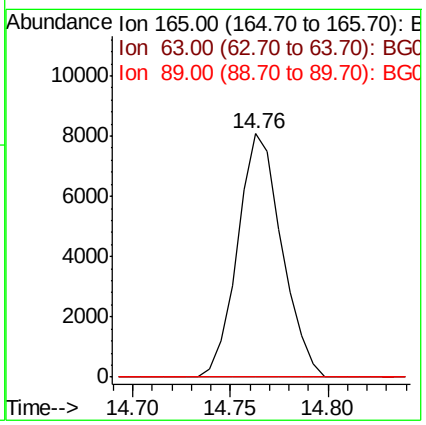


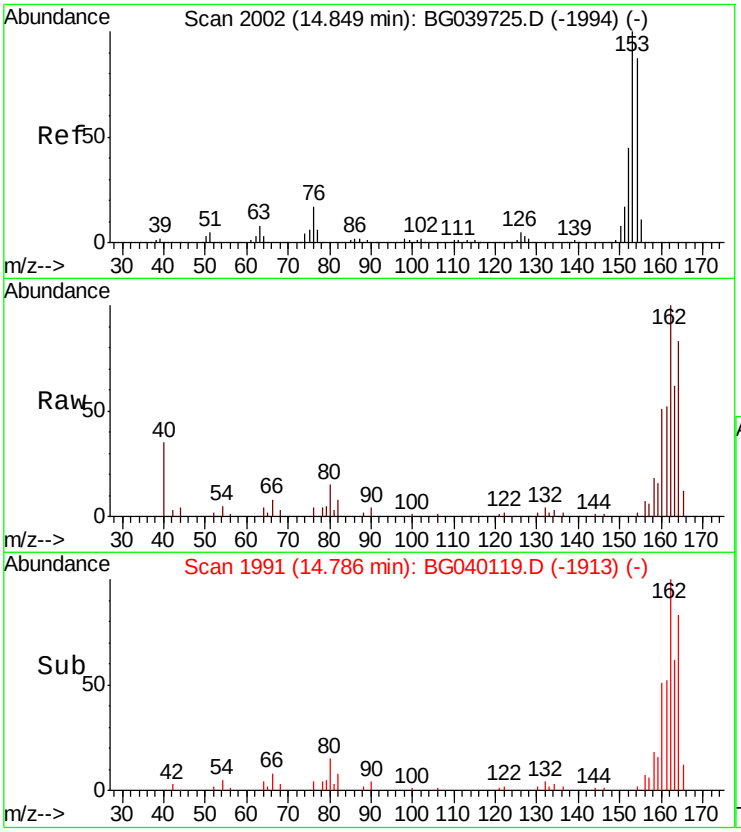


#51
2,6-Dinitrotoluene
Concen: 7.613 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.40 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion:165 Resp: 12621

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	0.0	45.8	68.8#



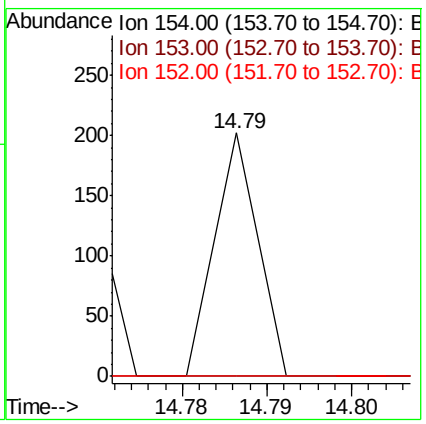


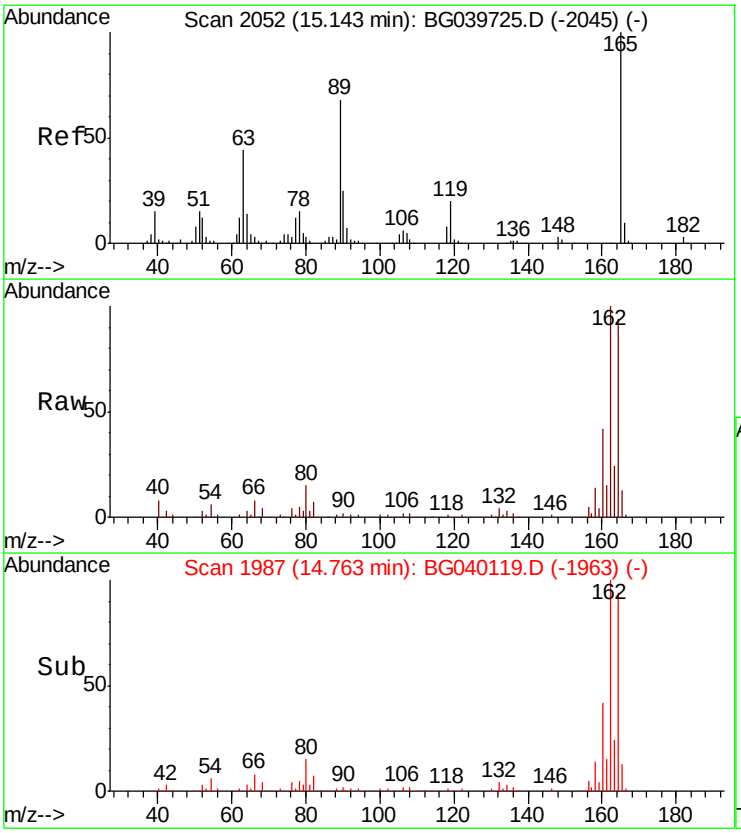
#52
Acenaphthene
Concen: 0.012 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.07 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion:154 Resp: 71

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.1	135.1#
152	0.0	40.9	61.3#

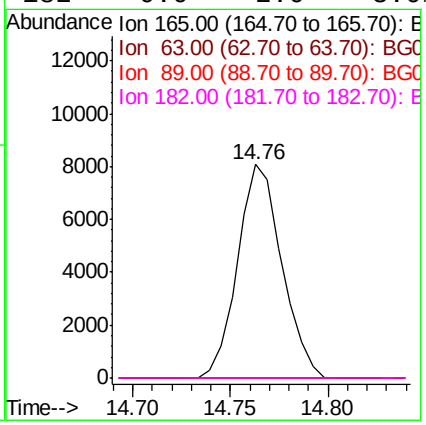


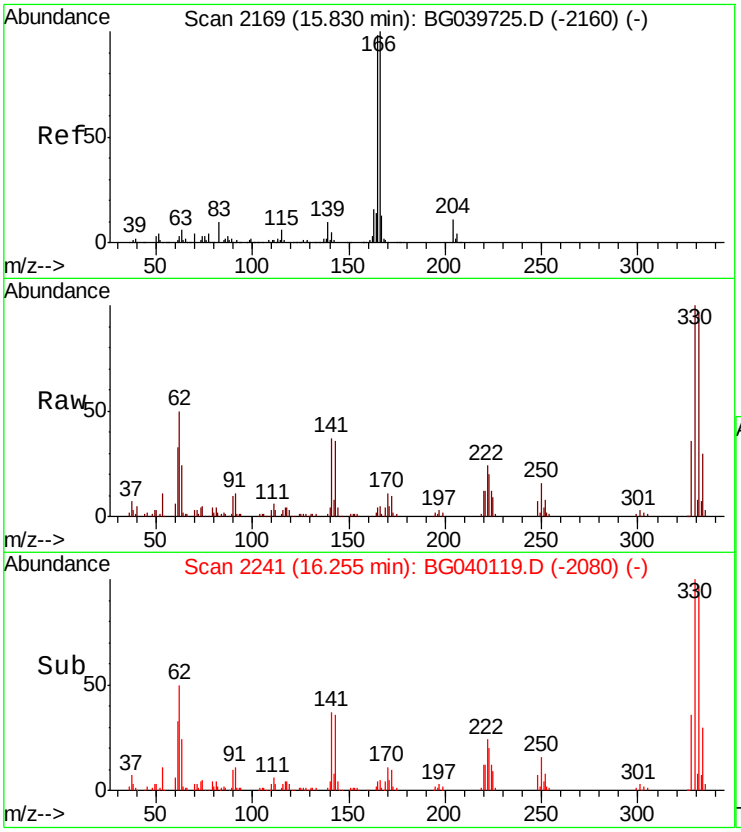


#57
2,4-Dinitrotoluene
Concen: 5.418 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.39 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion:165 Resp: 12621

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



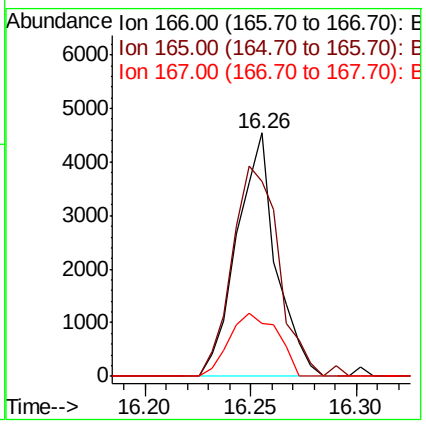


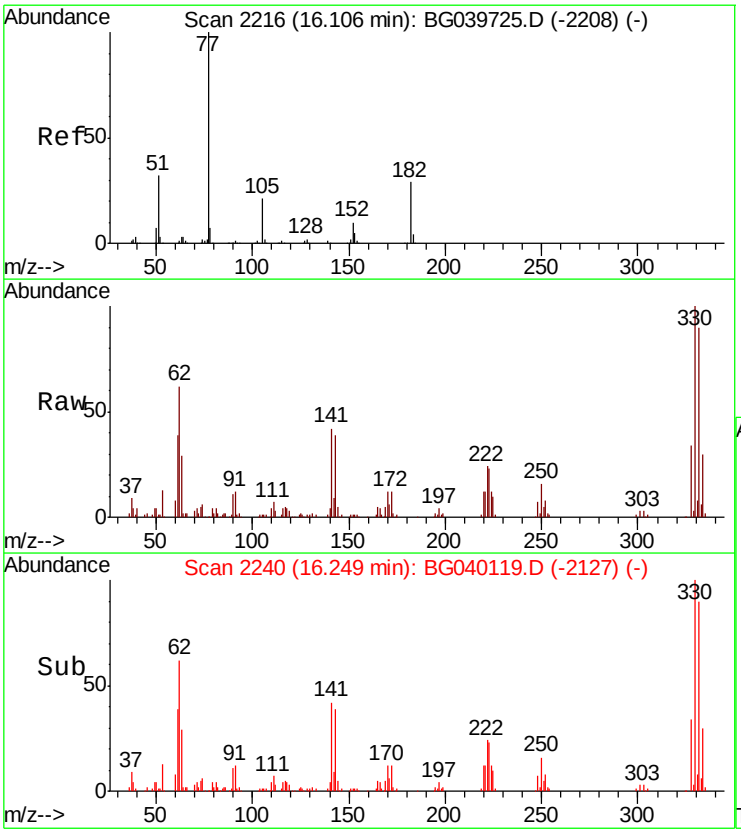
#58
Fluorene
Concen: 0.792 ng
RT: 16.26 min Scan# 2241
Delta R.T. 0.42 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion:166 Resp: 5840

Ion	Ratio	Lower	Upper
166	100		
165	79.9	77.9	116.9
167	21.8	10.8	16.2#

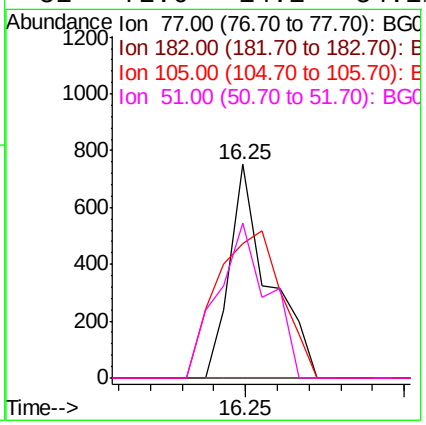


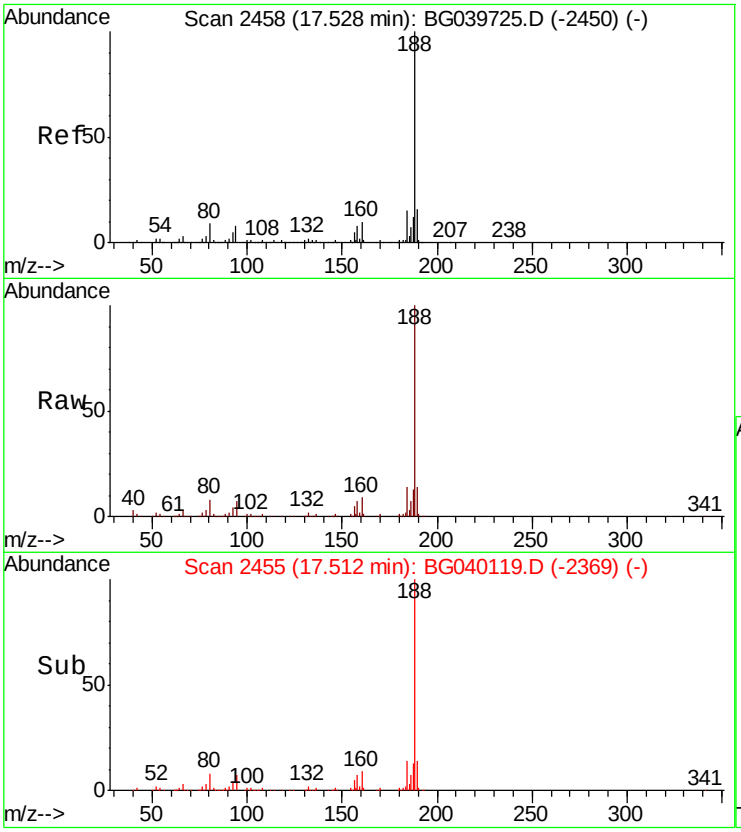


#63
Azobenzene
Concen: 0.092 ng
RT: 16.25 min Scan# 2240
Delta R.T. 0.14 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion: 77 Resp: 644

Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.4	46.4#
105	63.2	0.0	39.8#
51	72.6	14.1	54.1#



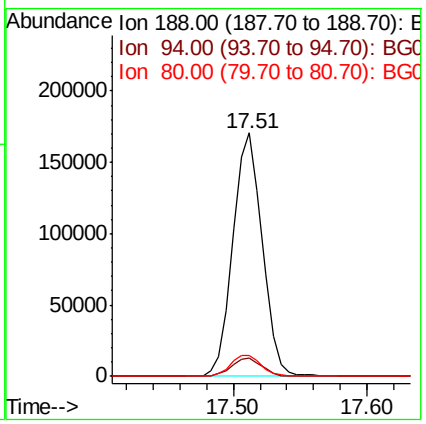


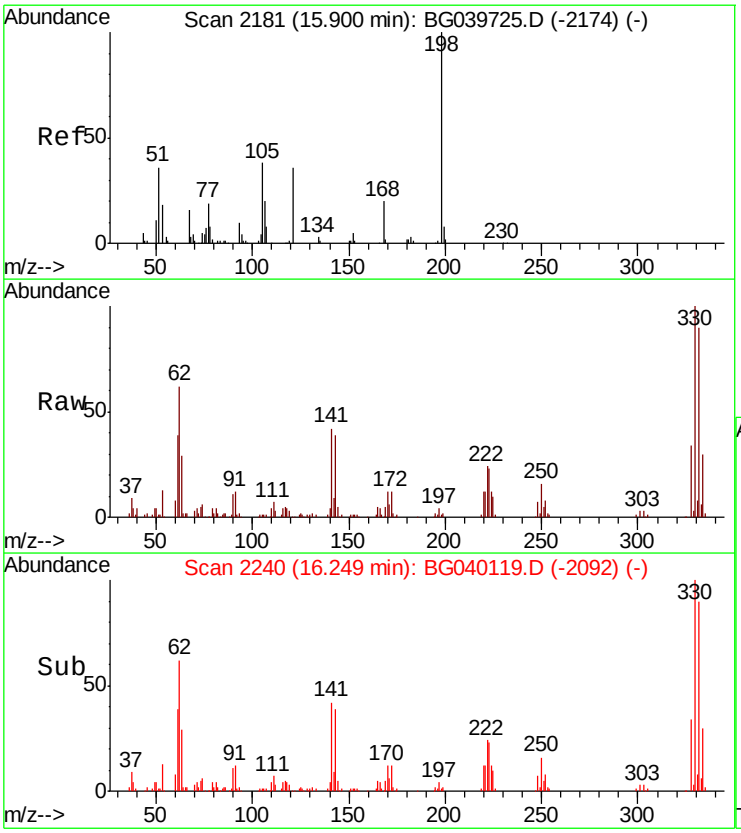
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion:188 Resp: 260209

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	8.3	8.1	12.1

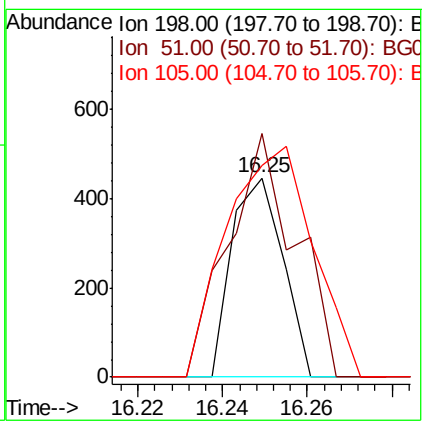


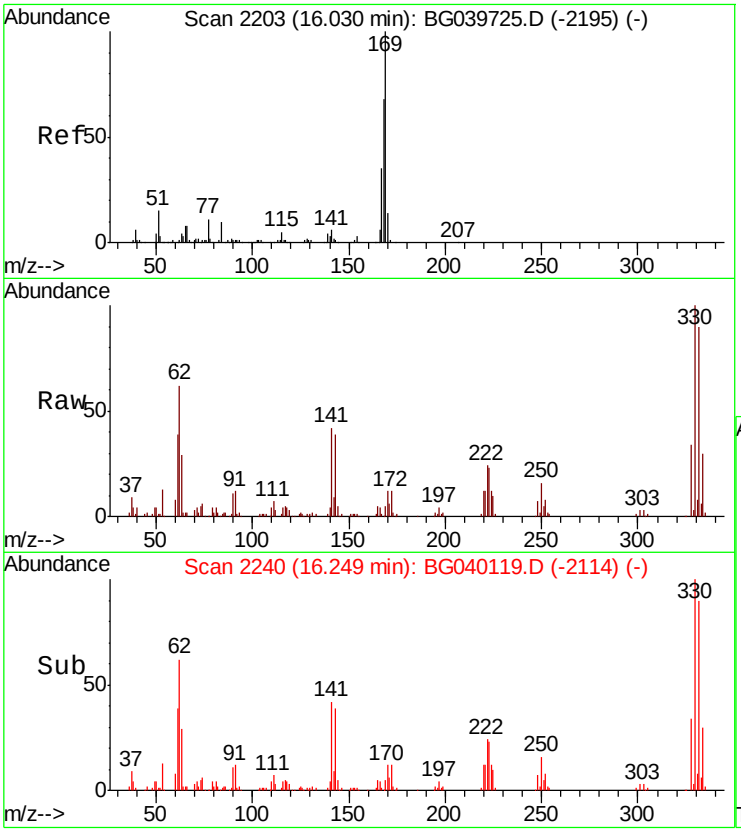


#65
4,6-Dinitro-2-methylphenol
Concen: 0.243 ng
RT: 16.25 min Scan# 2240
Delta R.T. 0.34 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion:198 Resp: 374

Ion	Ratio	Lower	Upper
198	100		
51	122.1	27.4	67.4#
105	106.3	19.7	59.7#



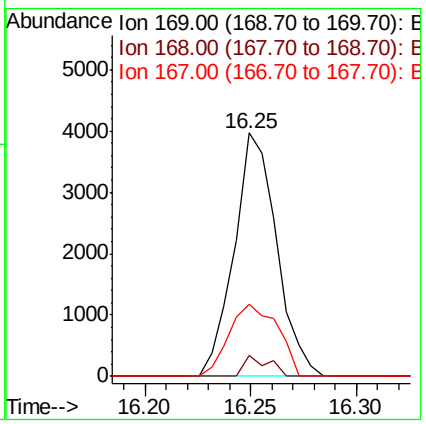


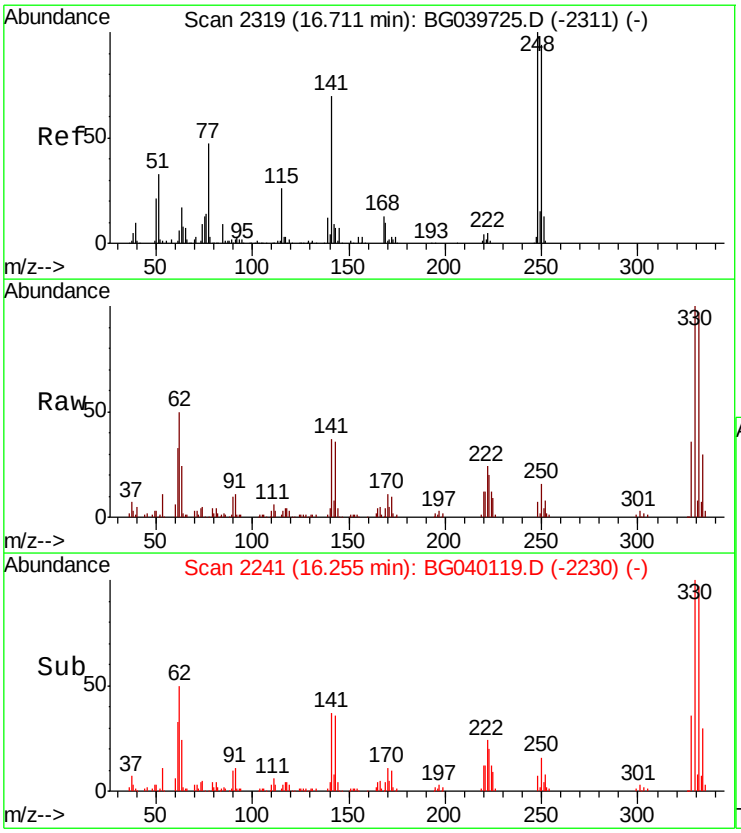
#66
n-Nitrosodiphenylamine
Concen: 0.733 ng
RT: 16.25 min Scan# 2240
Delta R.T. 0.21 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion:169 Resp: 5524

Ion	Ratio	Lower	Upper
169	100		
168	8.7	56.6	85.0#
167	29.6	28.8	43.2

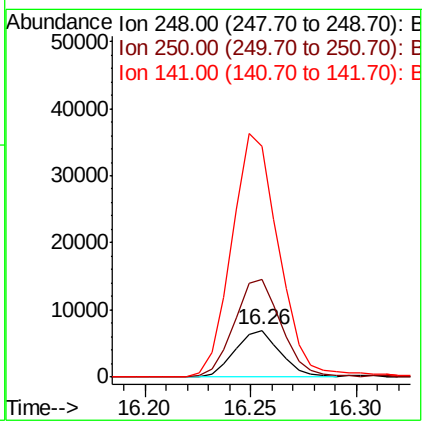


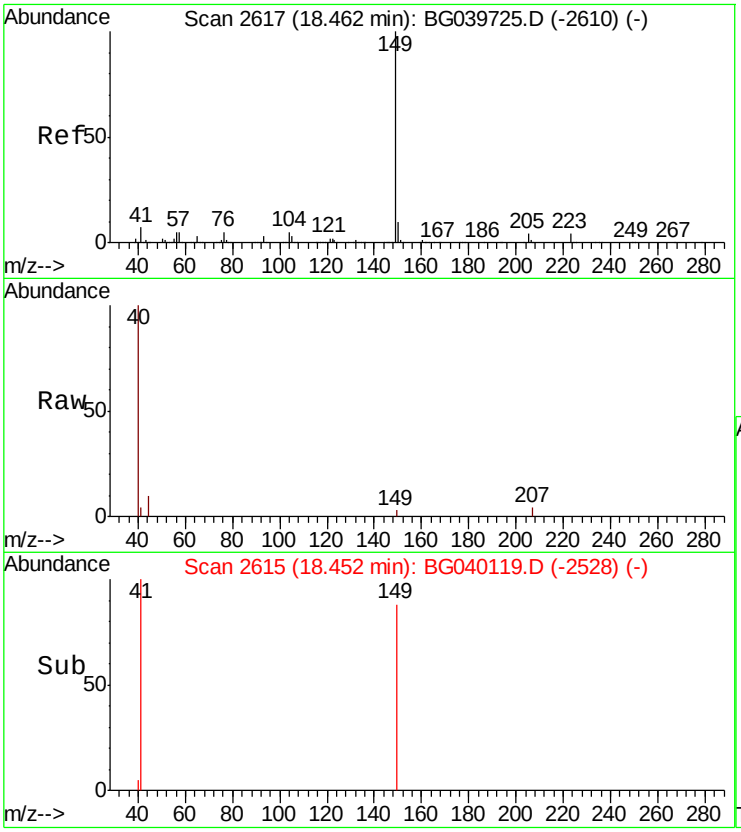


#67
4-Bromophenyl-phenylether
Concen: 3.536 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion:248 Resp: 10300

Ion	Ratio	Lower	Upper
248	100		
250	209.6	77.6	116.4#
141	496.7	63.9	95.9#



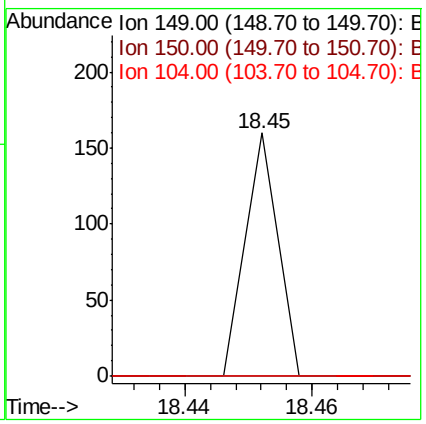


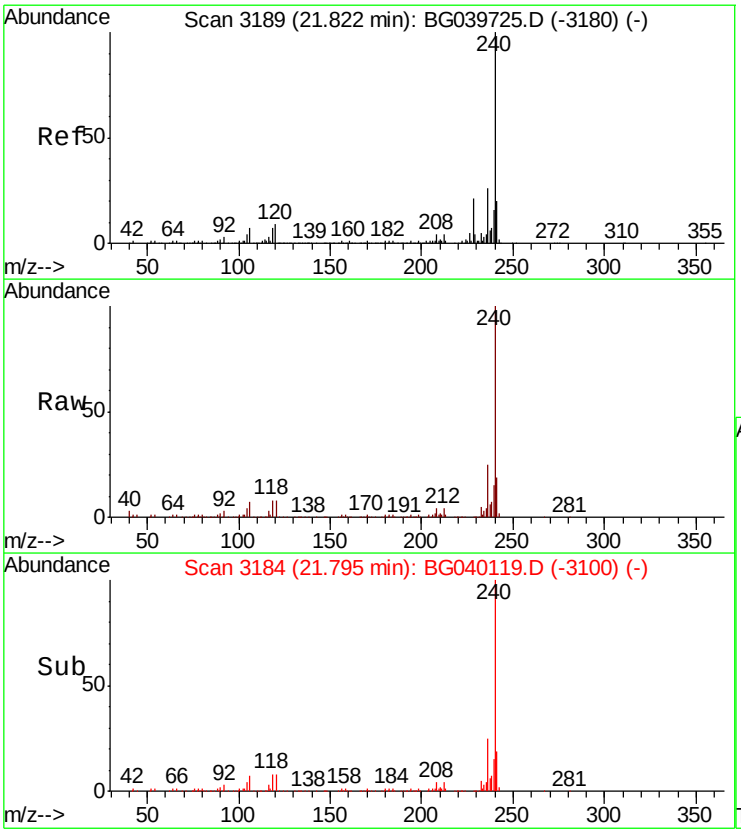
#74
Di-n-butylphthalate
Concen: 0.004 ng
RT: 18.45 min Scan# 2615
Delta R.T. -0.02 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion:149 Resp: 56

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	4.5	6.7#

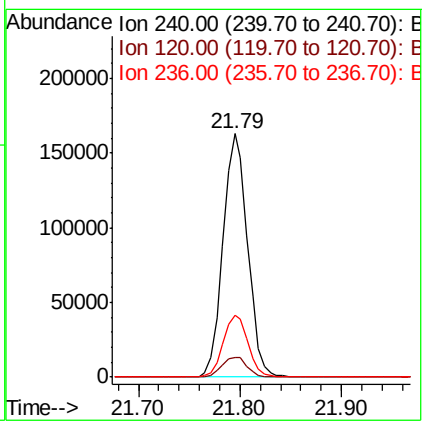


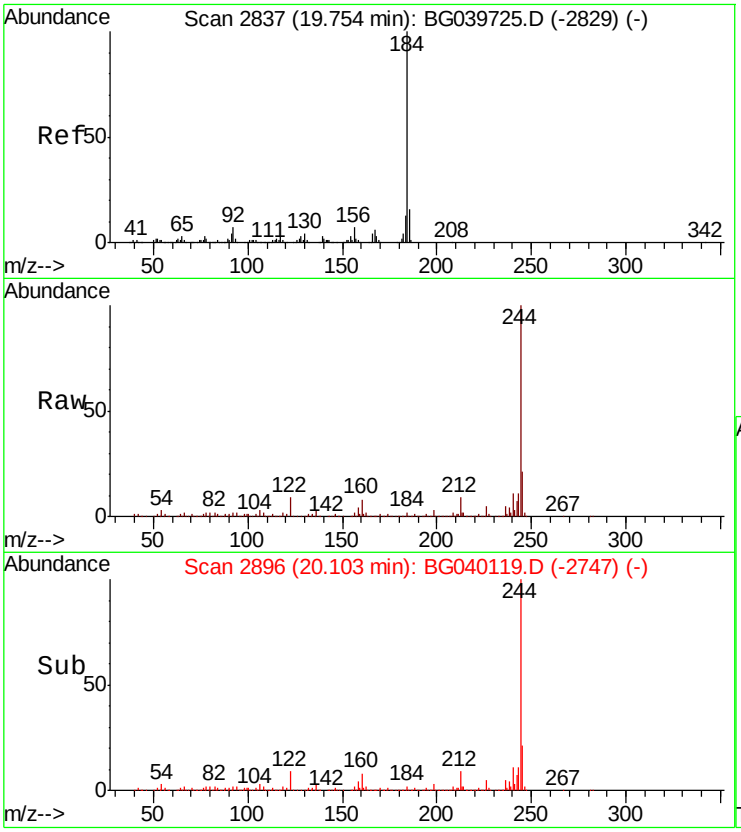


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion:240 Resp: 274046

Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.0	10.6
236	25.2	21.0	31.4



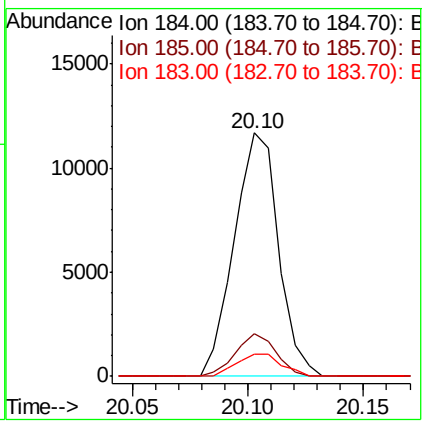


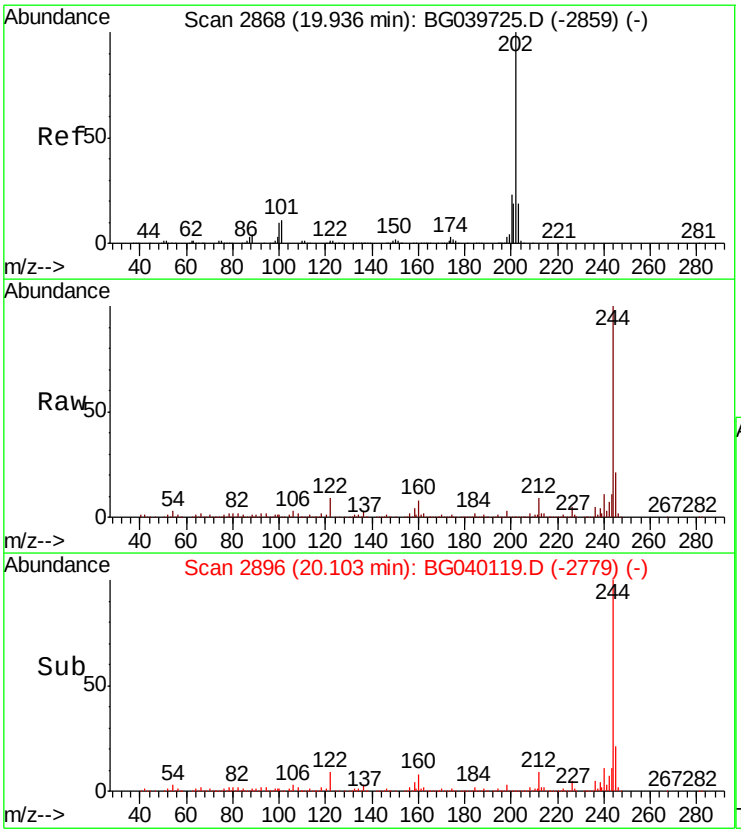
#77
Benzidine
Concen: 1.794 ng
RT: 20.10 min Scan# 2896
Delta R.T. 0.35 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion:184 Resp: 15600

Ion	Ratio	Lower	Upper
184	100		
185	17.4	12.2	18.2
183	9.0	10.6	15.8#

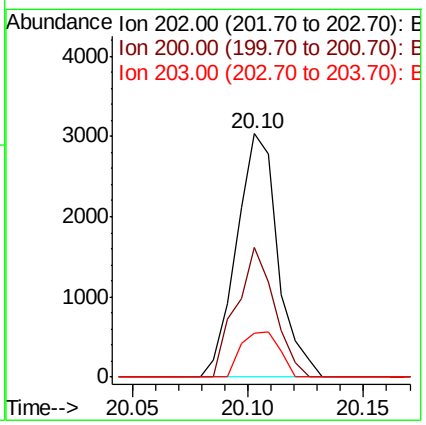


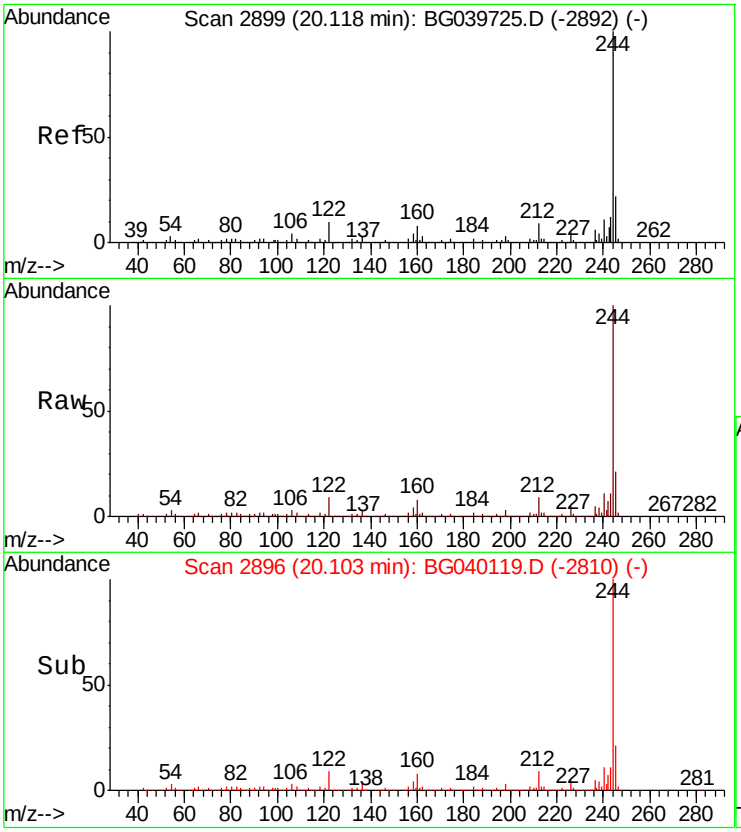


#78
Pyrene
Concen: 0.213 ng
RT: 20.10 min Scan# 2896
Delta R.T. 0.16 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion:202 Resp: 3791

Ion	Ratio	Lower	Upper
202	100		
200	53.4	17.8	26.8#
203	17.8	15.3	22.9



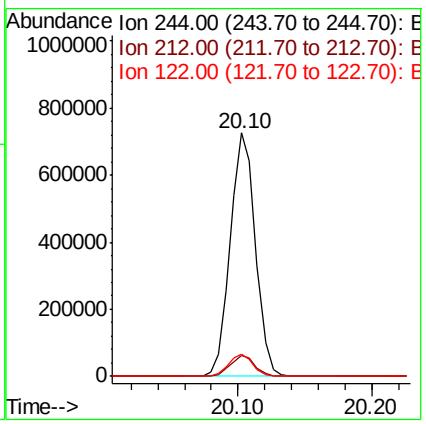


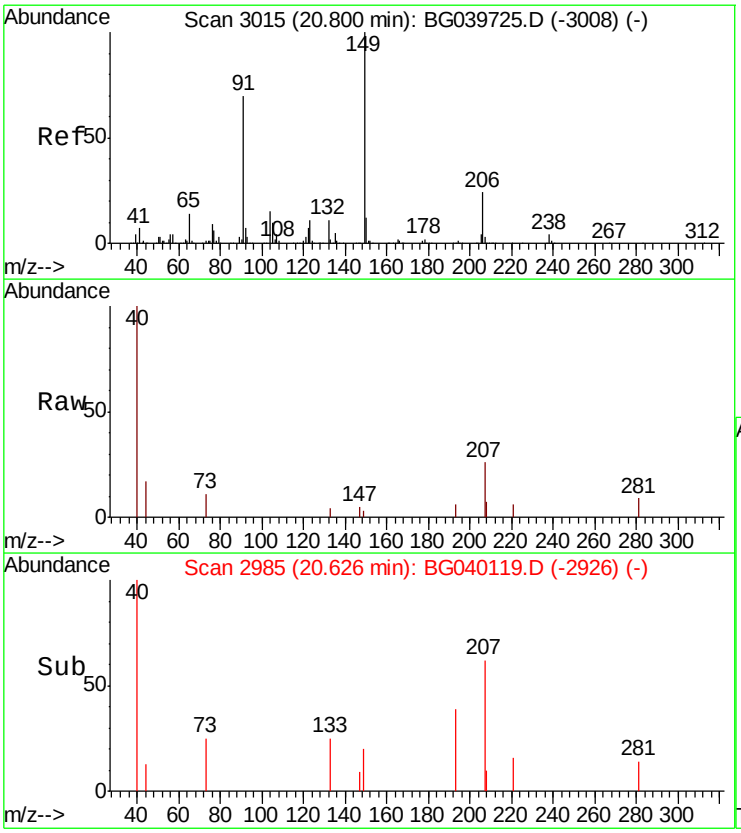
#79
Terphenyl-d14
Concen: 76.657 ng
RT: 20.10 min Scan# 2896
Delta R.T. -0.02 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion:244 Resp: 954107

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.3	10.9
122	9.1	8.4	12.6

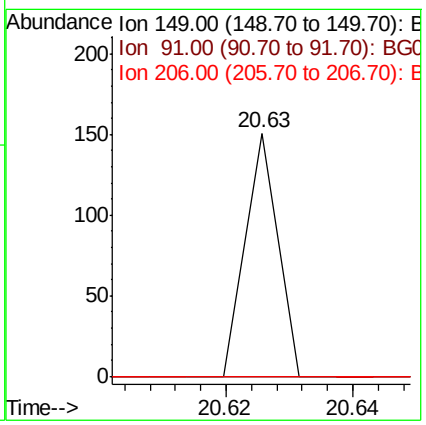


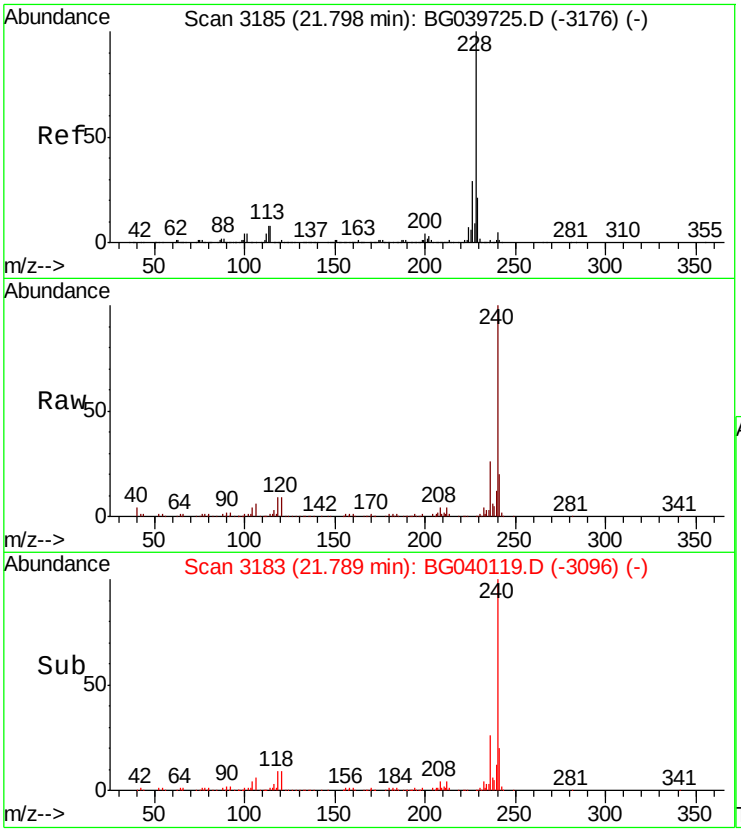


#80
Butylbenzylphthalate
Concen: 0.008 ng
RT: 20.63 min Scan# 2985
Delta R.T. -0.18 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion:149 Resp: 53

Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.5	89.3#
206	0.0	18.6	27.8#



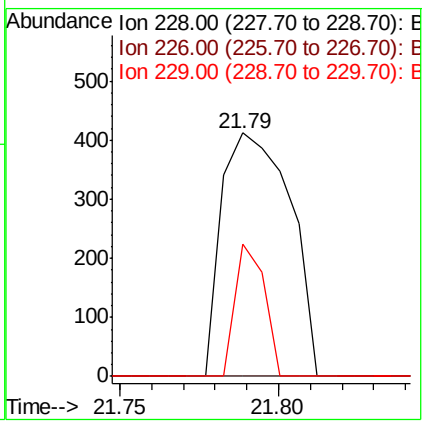


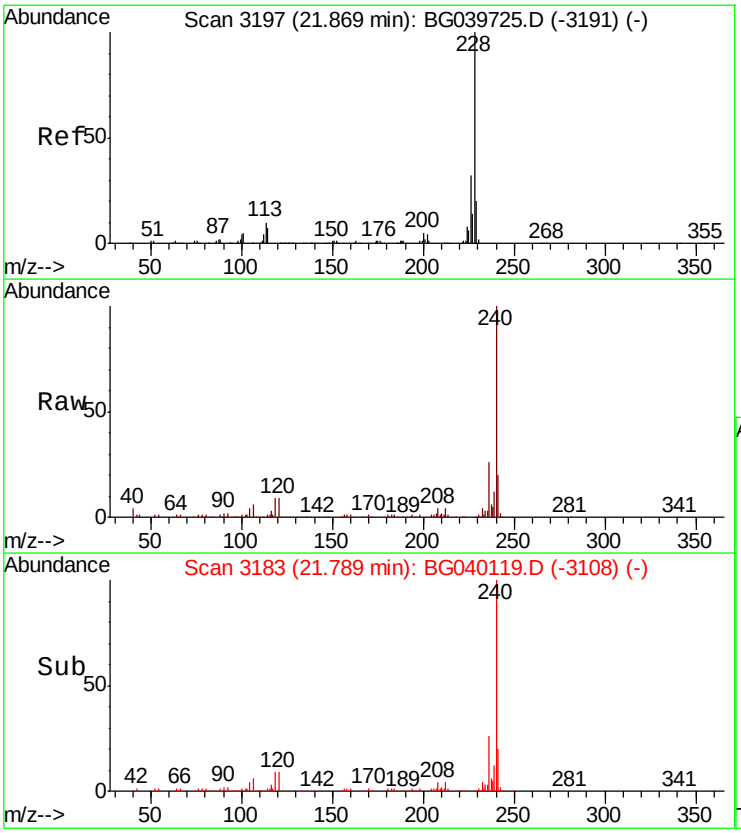
#81
Benzo(a)anthracene
Concen: 0.036 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion:228 Resp: 615

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	54.6	16.9	25.3#

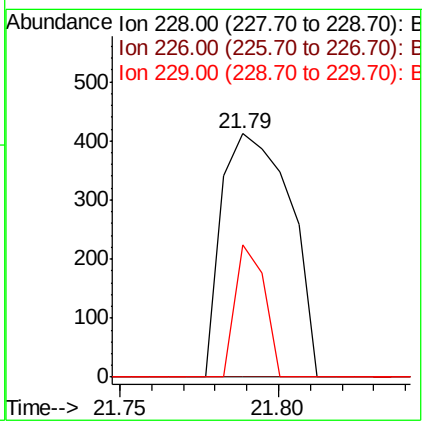


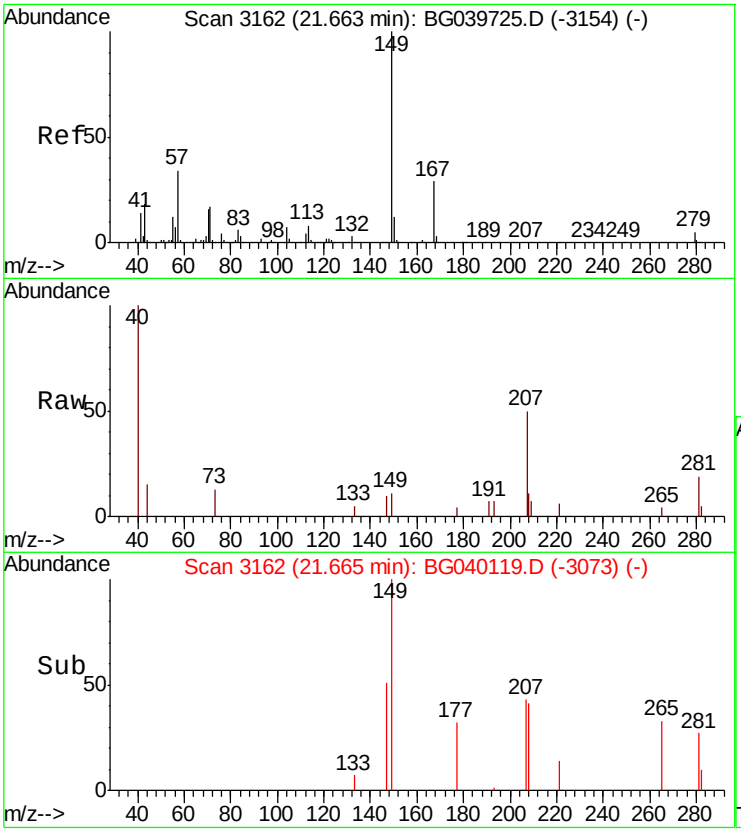


#83
Chrysene
Concen: 0.037 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.09 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion:228 Resp: 615

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.8	38.6#
229	54.6	16.6	25.0#



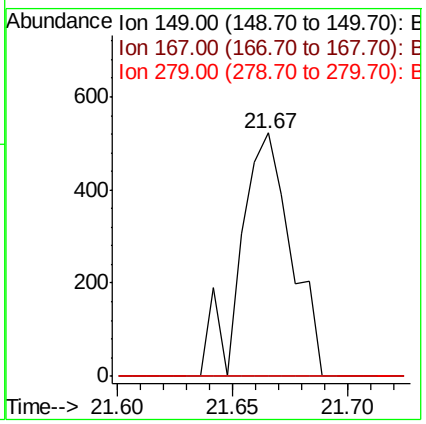


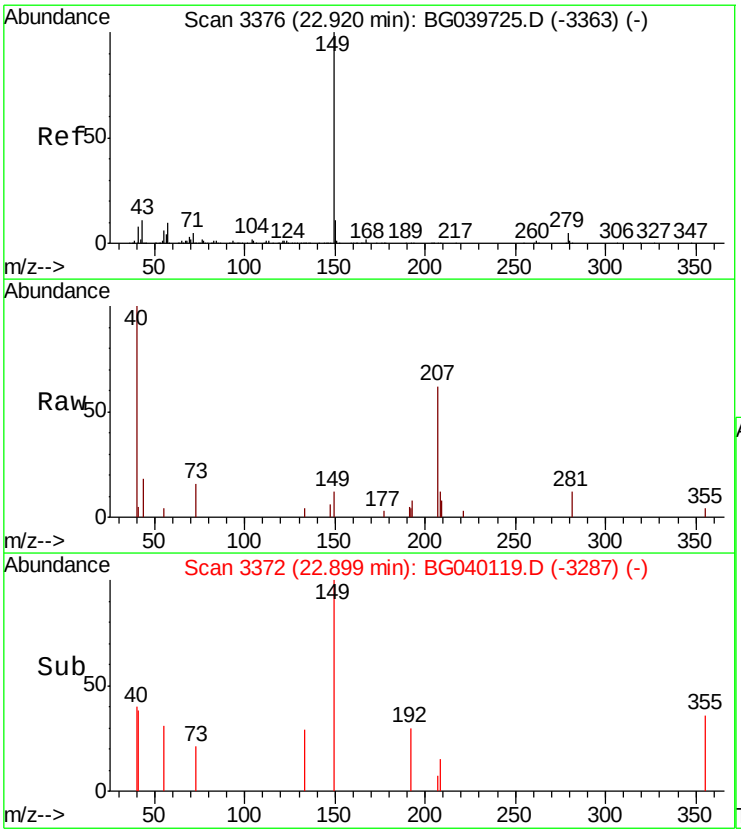
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion:149 Resp: 801

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.6	34.0#
279	0.0	3.5	5.3#

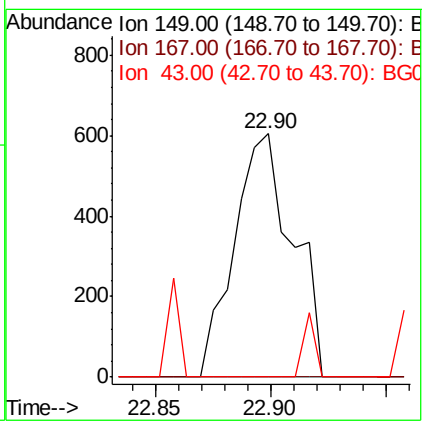


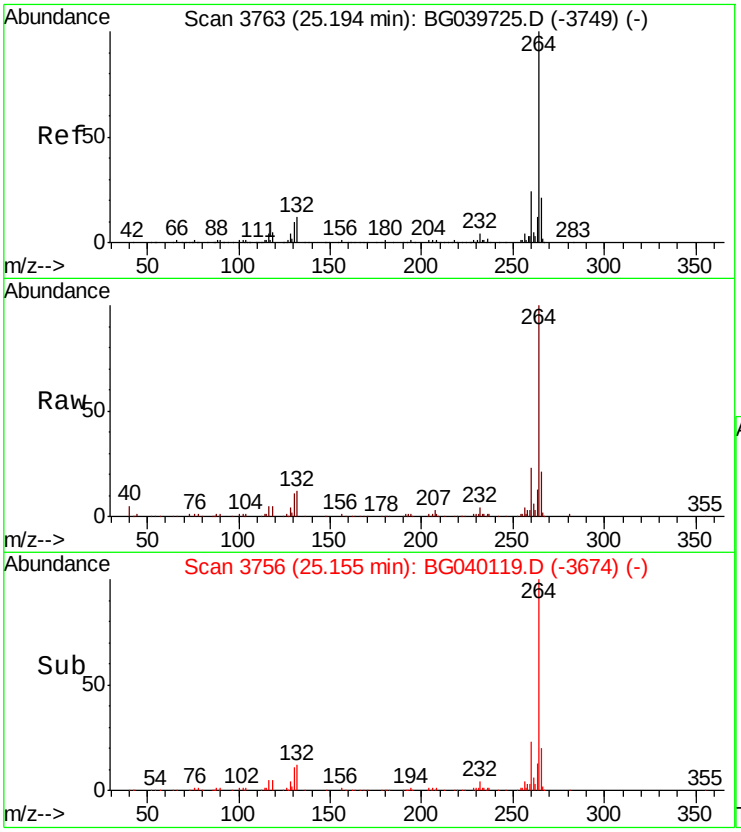


#85
Di-n-octyl phthalate
Concen: 0.066 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion:149 Resp: 1062

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	5.3	10.2	15.4#



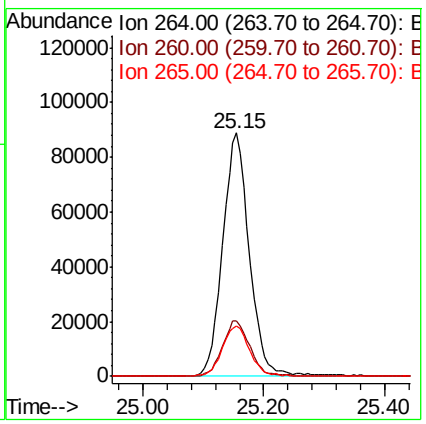


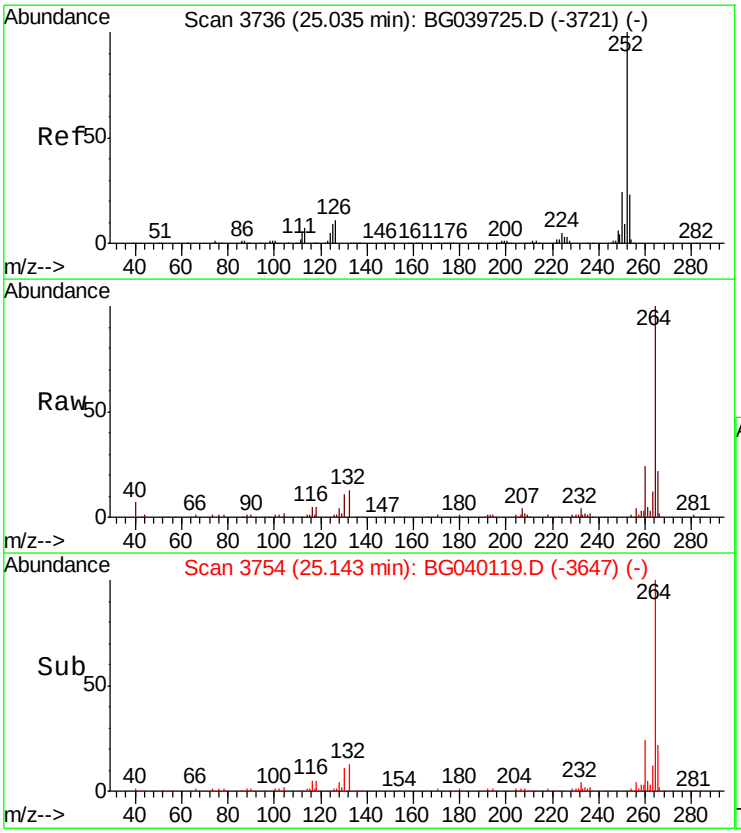
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion:264 Resp: 271444

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	20.7	18.5	27.7





#90
Benzo(a)pyrene
Concen: 0.023 ng
RT: 25.14 min Scan# 3754
Delta R.T. 0.10 min
Lab File: BG040119.D
Acq: 25 Mar 2019 16:12

Tgt Ion:252 Resp: 339

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	0.0	8.3	12.5#