Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043341.D
Acq On : 25 Oct 2019 16:06
Operator : JU
Sample : PB124157BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124157BL

Quant Time: Oct 25 16:52:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38012	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	129000	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	99381	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	244929	20.00	ng	0.00
76) Chrysene-d12	21.66	240	276561	20.00	ng	0.00
87) Perylene-d12	24.86	264	313934	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	303498	146.31	ng	0.01
7) Phenol-d6	7.22	99	406829	136.31	ng	0.01
23) Nitrobenzene-d5	9.18	82	251748	100.61	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	274957	145.39	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	682631	94.91	ng	0.00
79) Terphenyl-d14	20.01	244	1469014	99.65	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.88	79	61	0.030	ng	# 17
4) n-Nitrosodimethylamine	3.81	42	519	0.504	ng	# 1
6) Aniline	7.40	93	67	0.019	ng	# 40
8) 2-Chlorophenol	7.57	128	61	0.027	ng	# 1
9) Benzaldehyde	7.22	77	900	0.614	ng	# 7
10) Phenol	7.57	94	1030	0.378	ng	# 1
11) bis(2-Chloroethyl)ether	7.40	93	67	0.032	ng	# 21
16) 2,2'-oxybis(1-Chloropropan	8.54	45	305	0.099	ng	67
24) Nitrobenzene	9.19	77	1183	0.496	ng	# 44
25) Isophorone	9.64	82	593	0.130	ng	# 65
27) 2,4-Dimethylphenol	10.11	122	55	0.033	ng	# 11
28) bis(2-Chloroethoxy)methane	9.87	93	67	0.027	ng	# 51
33) 4-Chloroaniline	11.23	127	83	0.031	ng	# 45
37) 2-Methylnaphthalene	12.58	142	55	0.011	ng	# 15
38) 1-Methylnaphthalene	12.58	142	55	0.012	ng	# 8
46) 1,1'-Biphenyl	13.50	154	876	0.116	ng	# 42
47) 2-Chloronaphthalene	13.34	162	61	0.011	ng	# 38
48) 2-Nitroaniline	13.27	65	1021	0.594	ng	# 7
50) Dimethylphthalate	13.82	163	61	0.008	ng	# 77
52) Acenaphthene	14.65	154	288	0.053	ng	# 4
53) 3-Nitroaniline	14.58	138	56	0.035	ng	# 1
58) Fluorene	16.14	166	7457	1.004	ng	# 79
60) Diethylphthalate	15.47	149	200	0.026	ng	# 58
62) 4-Nitroaniline	15.44	138	55	0.033	ng	# 8
63) Azobenzene	16.13	77	1064	0.170	ng	# 39
65) 4,6-Dinitro-2-methylphenol	16.14	198	258	0.179	ng	# 1
66) n-Nitrosodiphenylamine	16.14	169	7246	1.048	ng	# 44
69) Atrazine	16.85	200	63	0.026	ng	# 37
71) Phenanthrene	17.43	178	125	0.010	ng	# 59
72) Anthracene	17.43	178	125	0.010	ng	# 60
74) Di-n-butylphthalate	18.36	149	847	0.061	ng	# 77
75) Fluoranthene	19.17	202	74	0.005	ng	65
77) Benzidine	19.69	184	676	0.121	ng	# 66
78) Pyrene	20.01	202	4921	0.287	ng	# 74

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043341.D
Acq On : 25 Oct 2019 16:06
Operator : JU
Sample : PB124157BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124157BL

Quant Time: Oct 25 16:52:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Butylbenzylphthalate	20.69	149	60	0.009	ng	#	1
81) Benzo(a)anthracene	21.66	228	671	0.039	ng	#	42
82) 3,3'-Dichlorobenzidine	21.58	252	206	0.031	ng	#	23
83) Chrysene	21.66	228	671	0.039	ng	#	40
84) Bis(2-ethylhexyl)phthalate	21.55	149	1194	0.130	ng	#	93
85) Di-n-octyl phthalate	22.76	149	59	0.004	ng	#	1
86) Indeno(1,2,3-cd)pyrene	28.78	276	53	0.002	ng	#	56
88) Benzo(b)fluoranthene	23.70	252	57	0.003	ng	#	60
89) Benzo(k)fluoranthene	24.07	252	65	0.004	ng	#	60
90) Benzo(a)pyrene	24.79	252	60	0.004	ng	#	61
91) Dibenzo(a,h)anthracene	28.19	278	60	0.003	ng	#	58
92) Benzo(g,h,i)perylene	29.76	276	135	0.008	ng	#	58

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043341.D
Acq On : 25 Oct 2019 16:06
Operator : JU
Sample : PB124157BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 25 16:52:05 2019
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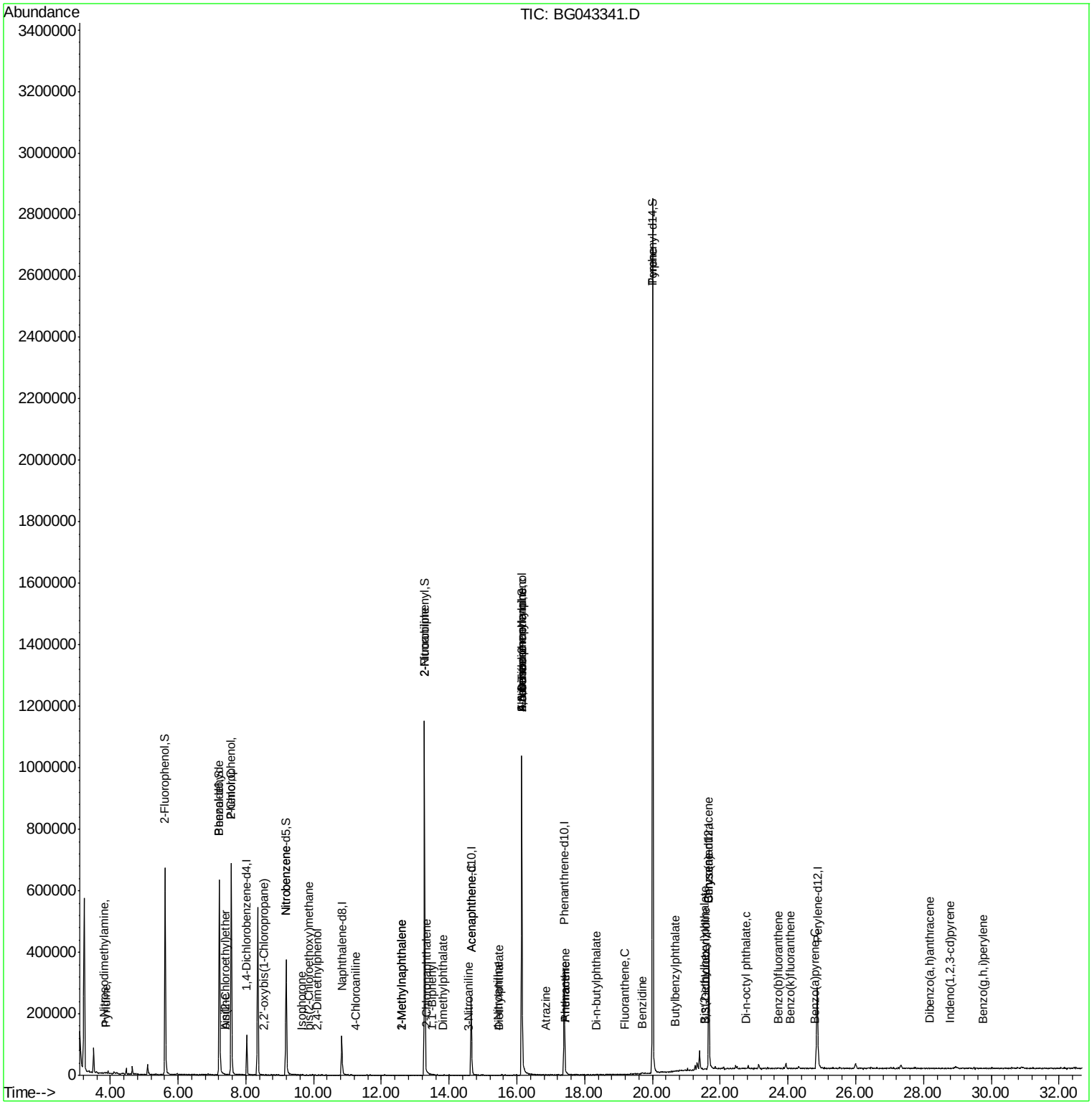
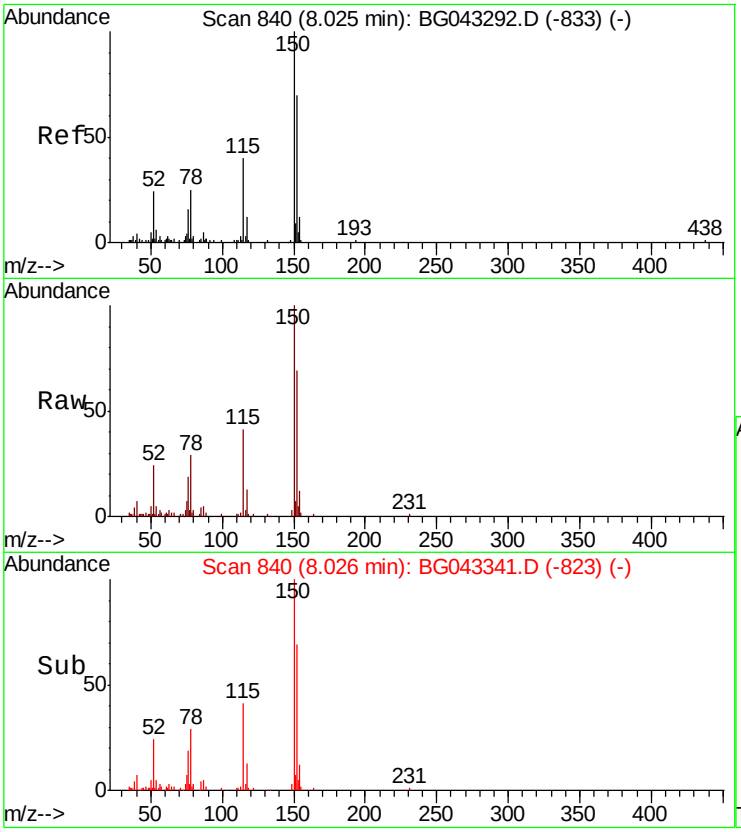


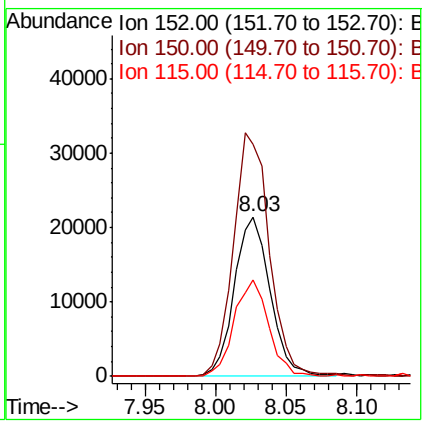


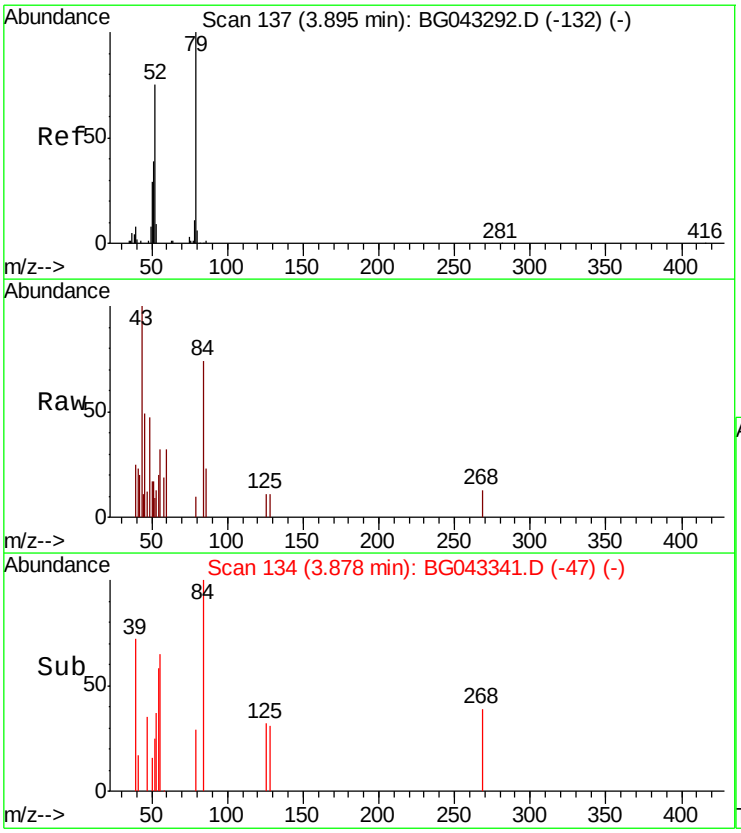
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:152 Resp: 38012

Ion	Ratio	Lower	Upper
152	100		
150	145.8	113.6	170.4
115	60.3	45.9	68.9

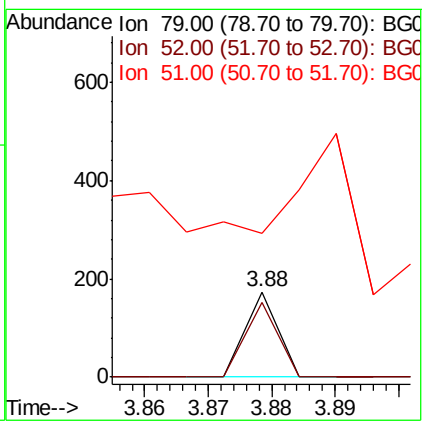


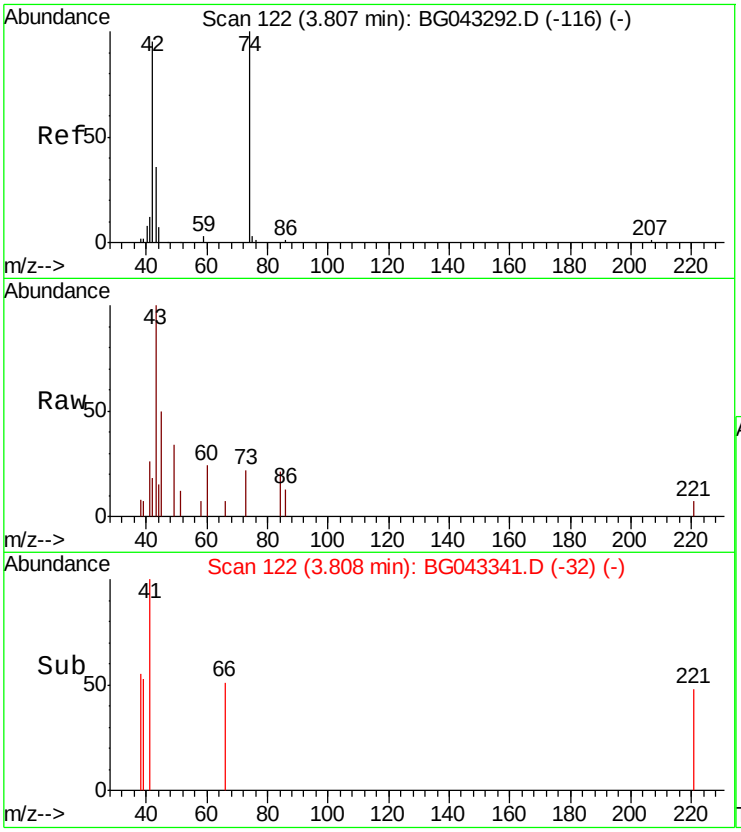


#3
Pyridine
Concen: 0.030 ng
RT: 3.88 min Scan# 134
Delta R.T. -0.02 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion: 79 Resp: 61

Ion	Ratio	Lower	Upper
79	100		
52	87.9	59.7	89.5
51	168.4	31.8	47.6#



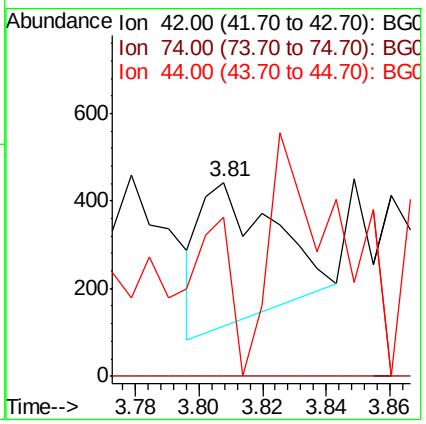


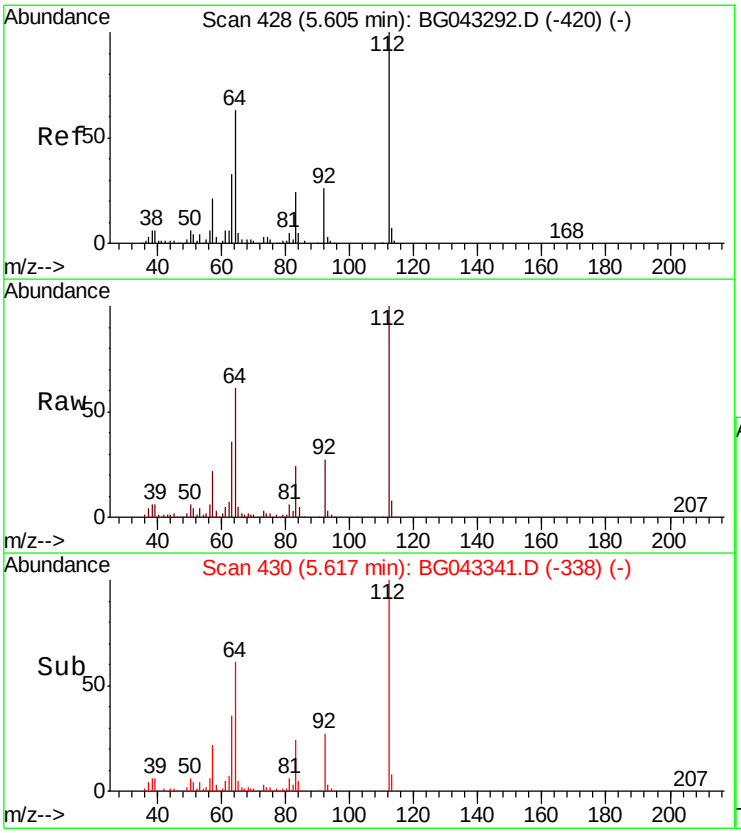
#4
n-Nitrosodimethylamine
Concen: 0.504 ng
RT: 3.81 min Scan# 122
Delta R.T. 0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion: 42 Resp: 519

Ion	Ratio	Lower	Upper
42	100		
74	0.0	84.2	126.2#
44	82.2	6.0	9.0#

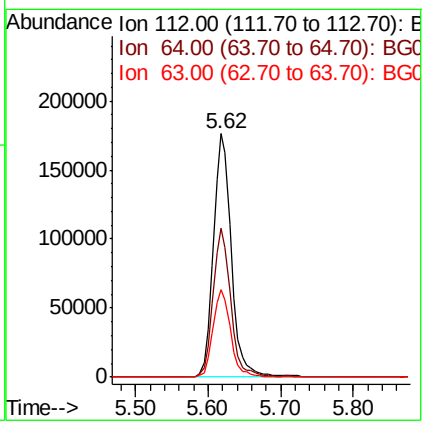


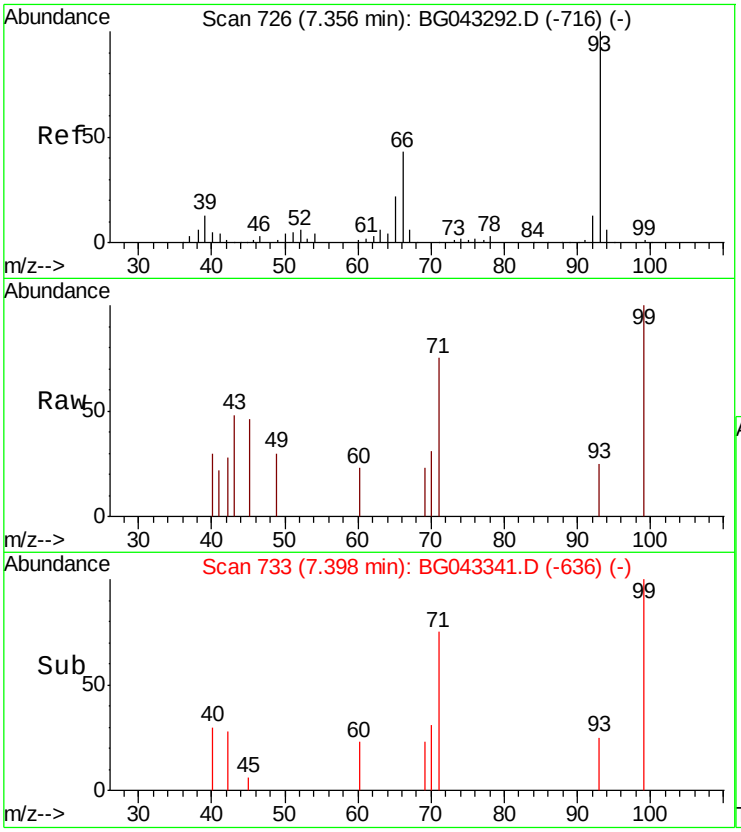


#5
2-Fluorophenol
Concen: 146.307 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:112 Resp: 303498

Ion	Ratio	Lower	Upper
112	100		
64	61.0	50.2	75.2
63	35.9	26.7	40.1



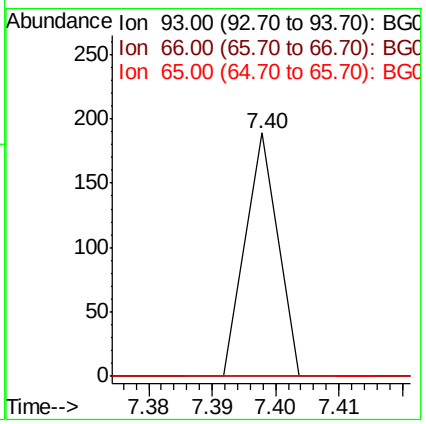


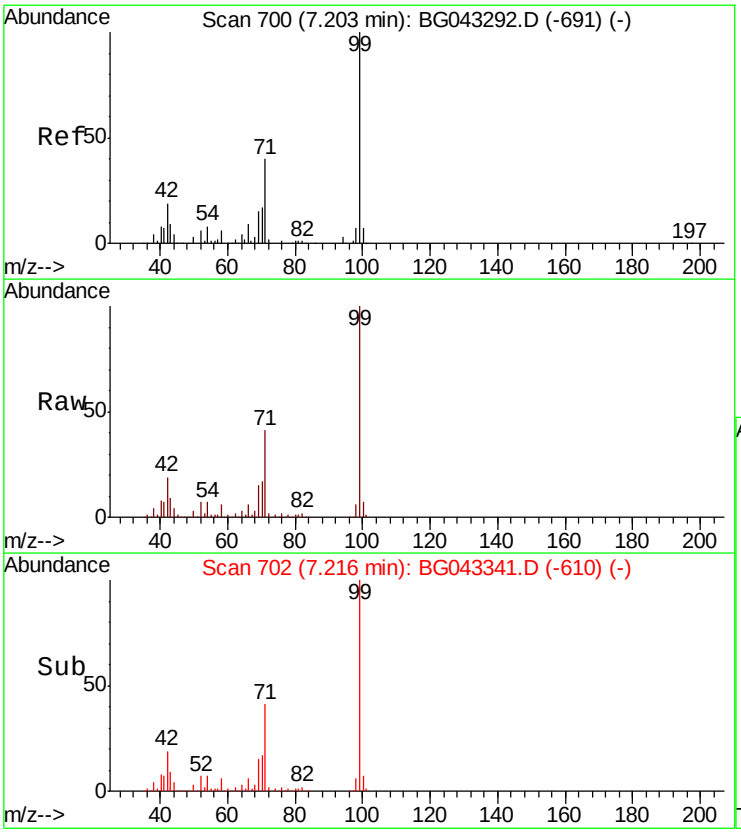
#6
Aniline
Concen: 0.019 ng
RT: 7.40 min Scan# 733
Delta R.T. 0.04 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion: 93 Resp: 67

Ion	Ratio	Lower	Upper
93	100		
66	0.0	34.5	51.7#
65	0.0	18.0	27.0#

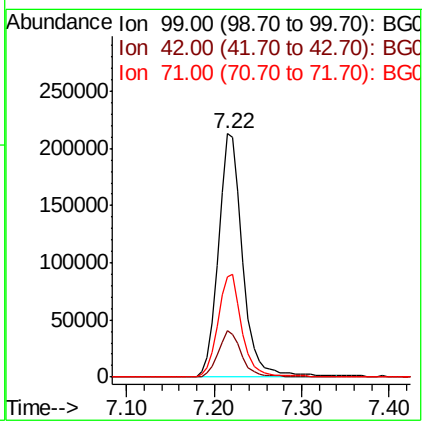


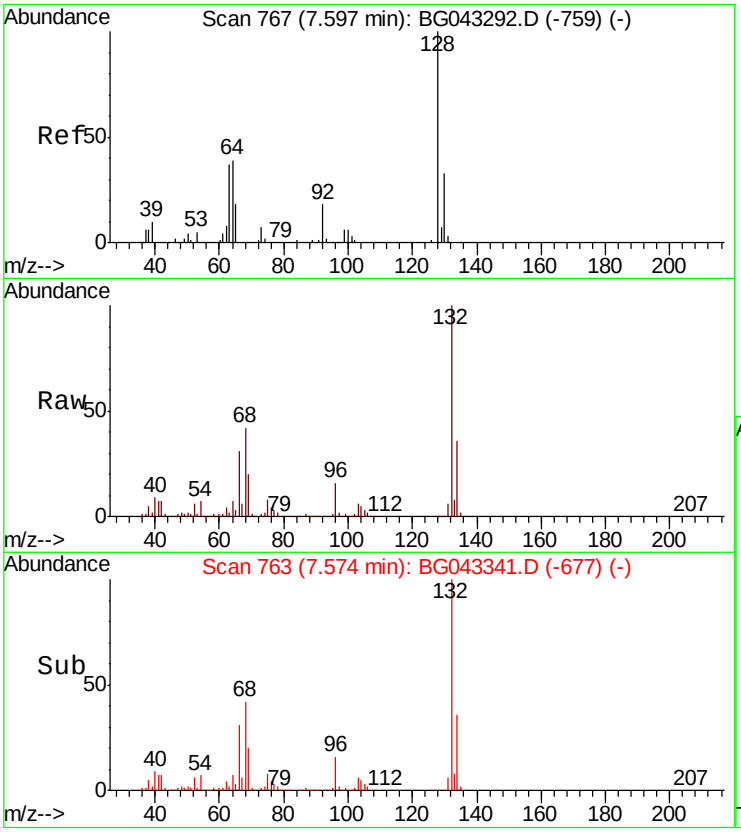


#7
Phenol-d6
Concen: 136.312 ng
RT: 7.22 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion: 99 Resp: 406829

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.9	22.3
71	41.2	32.2	48.2



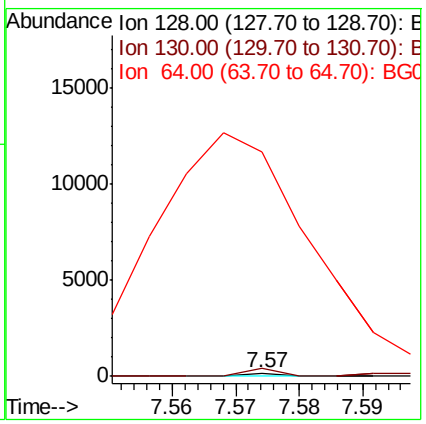


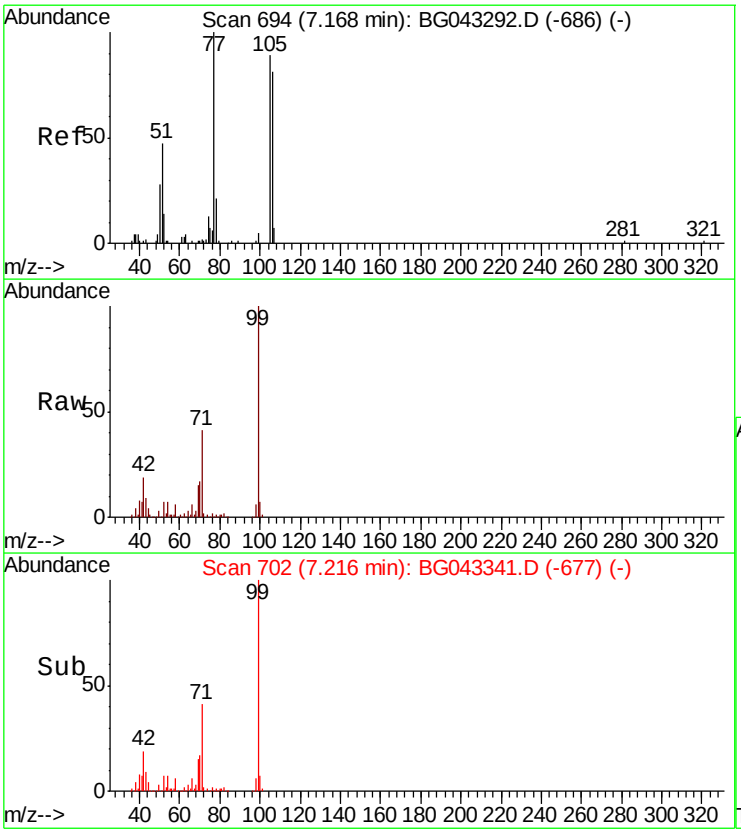
#8
2-Chlorophenol
Concen: 0.027 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.02 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:128 Resp: 61

Ion	Ratio	Lower	Upper
128	100		
130	229.9	12.9	52.9#
64	6725.9	24.9	64.9#

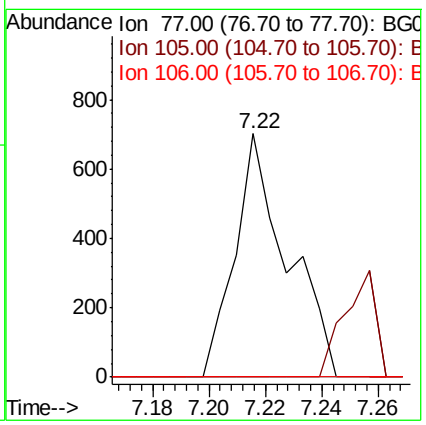


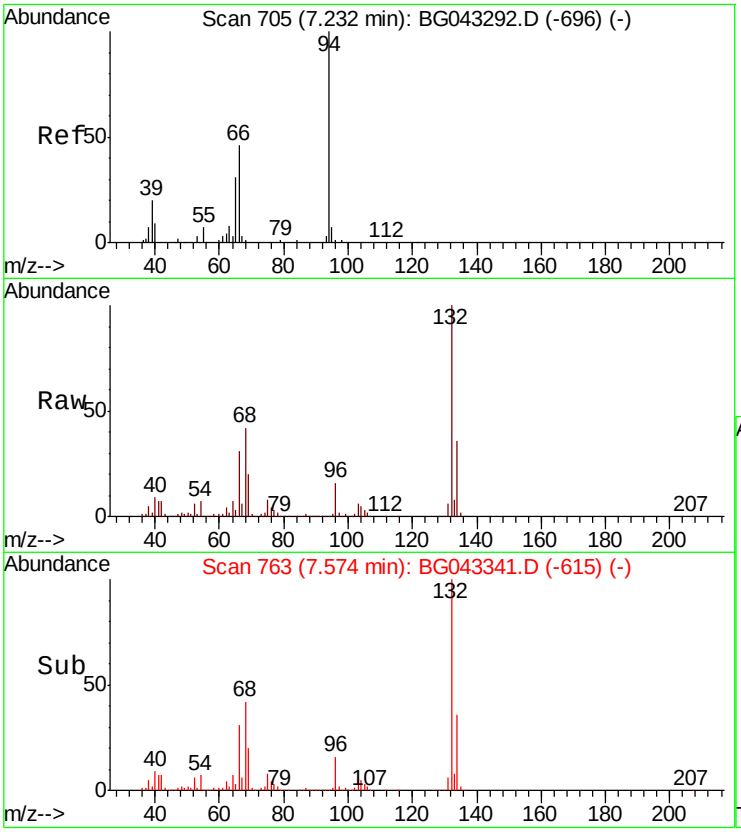


#9
Benzaldehyde
Concen: 0.614 ng
RT: 7.22 min Scan# 702
Delta R.T. 0.05 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion: 77 Resp: 900

Ion	Ratio	Lower	Upper
77	100		
105	0.0	68.7	108.7#
106	0.0	60.5	100.5#



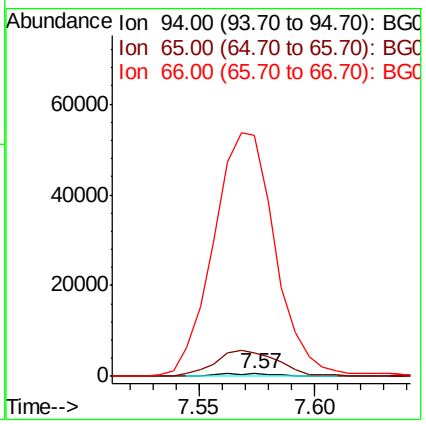


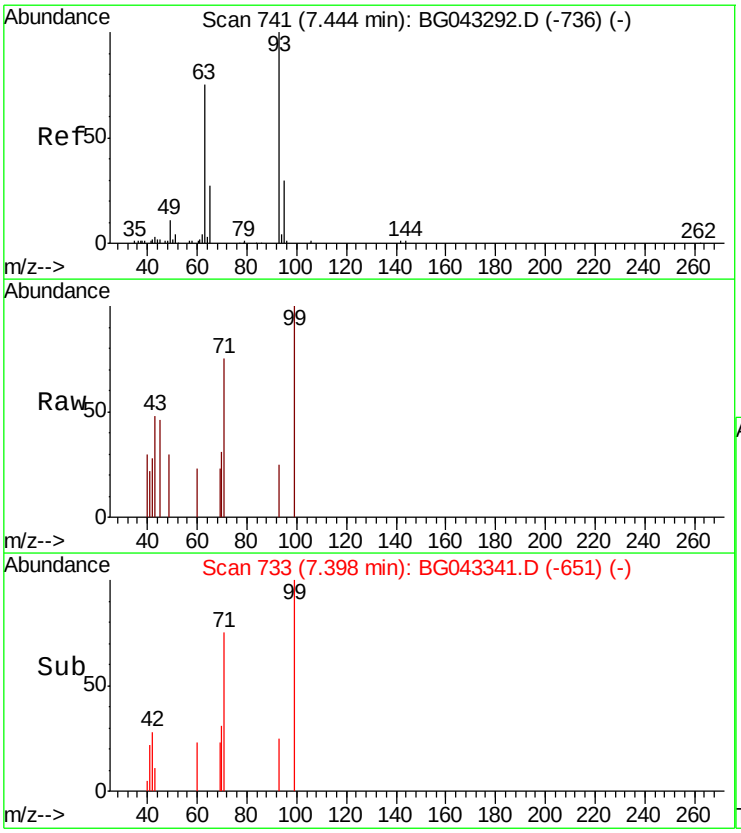
#10
Phenol
Concen: 0.378 ng
RT: 7.57 min Scan# 763
Delta R.T. 0.34 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion: 94 Resp: 1030

Ion	Ratio	Lower	Upper
94	100		
65	829.8	11.1	51.1#
66	8679.5	27.8	67.8#

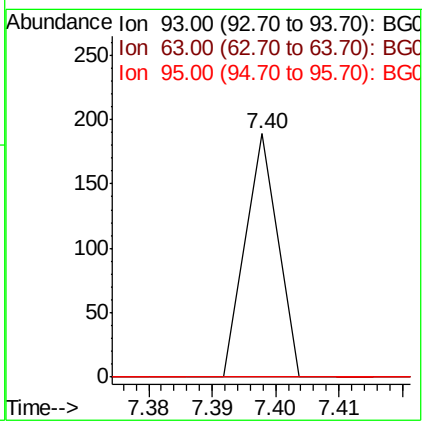


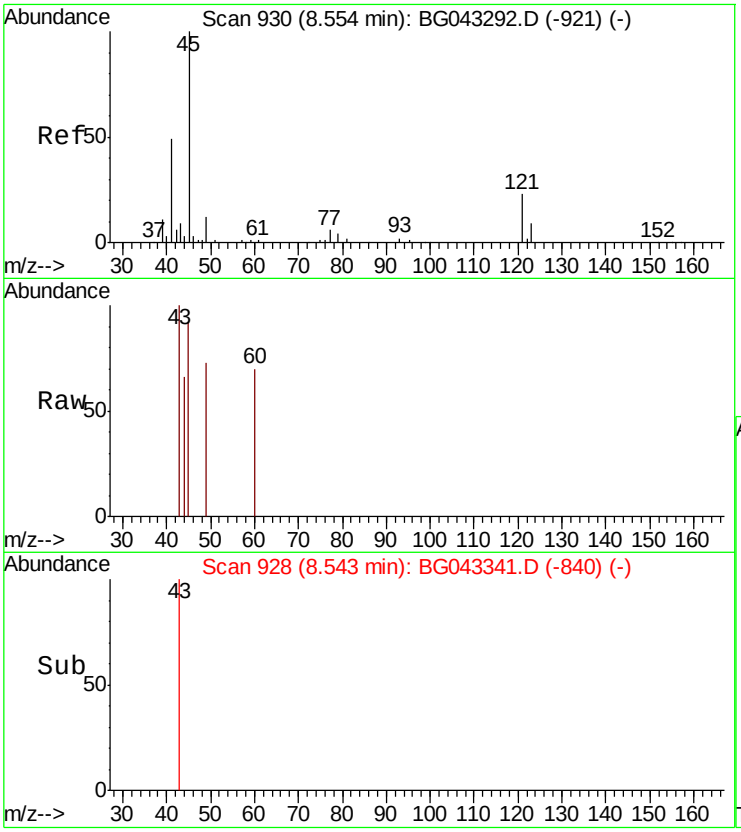


#11
bis(2-Chloroethyl)ether
Concen: 0.032 ng
RT: 7.40 min Scan# 733
Delta R.T. -0.05 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion: 93 Resp: 67

Ion	Ratio	Lower	Upper
93	100		
63	0.0	54.6	94.6#
95	0.0	9.7	49.7#



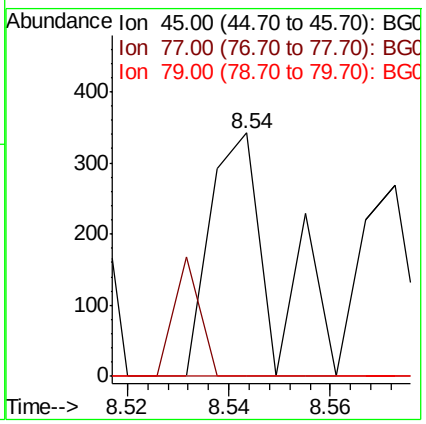


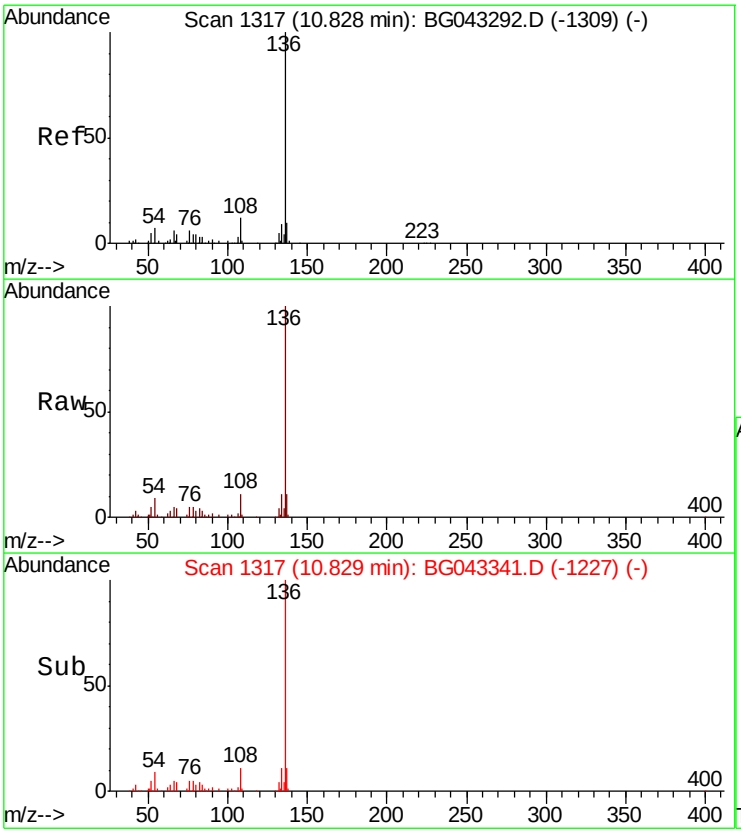
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.099 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.01 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion: 45 Resp: 305

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	34.2
79	0.0	0.0	32.3

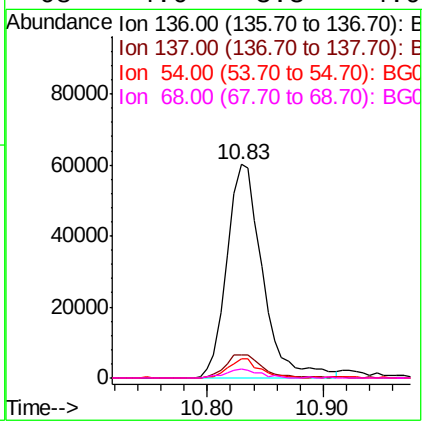


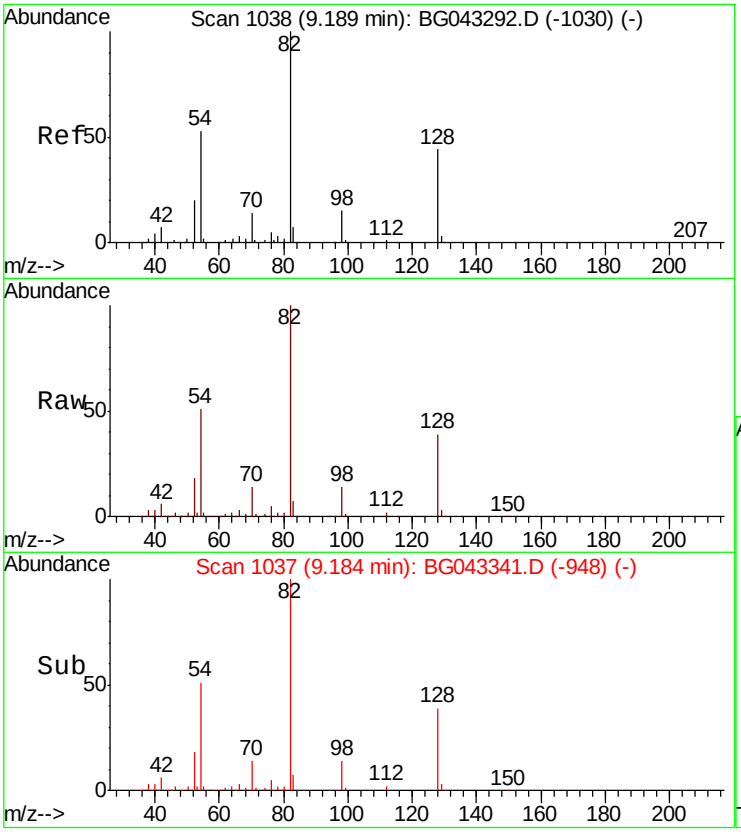


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:136 Resp: 129000

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.2
54	8.8	5.4	8.2#
68	4.0	3.3	4.9



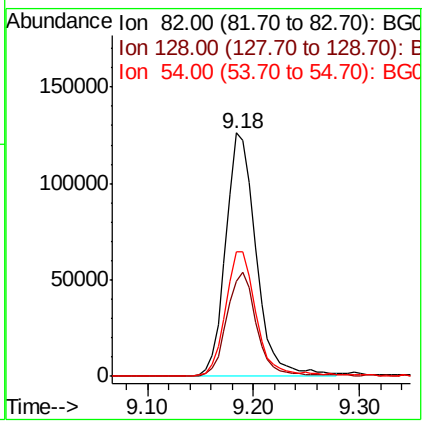


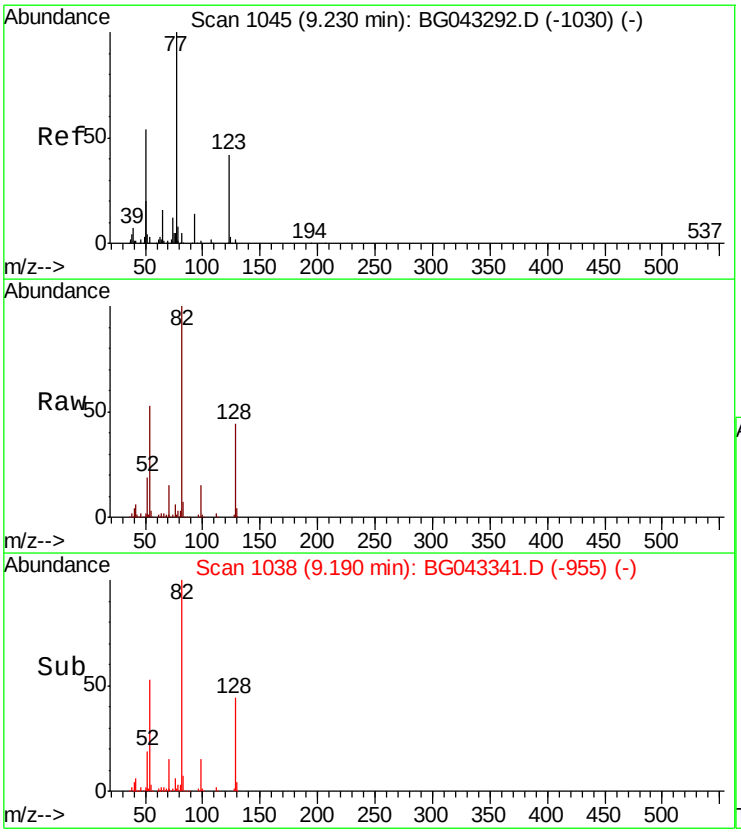
#23
Nitrobenzene-d5
Concen: 100.610 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument : BNA_G
ClientSampleId : PB124157BL

Tgt Ion: 82 Resp: 251748

Ion	Ratio	Lower	Upper
82	100		
128	38.8	35.3	52.9
54	51.1	42.3	63.5

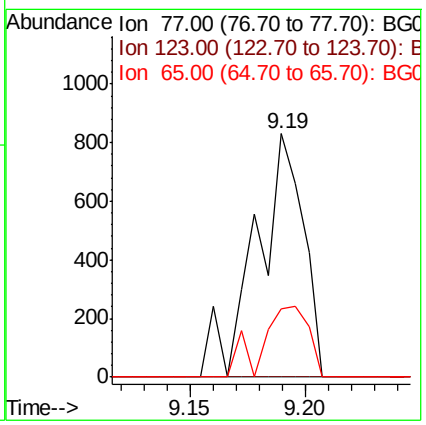


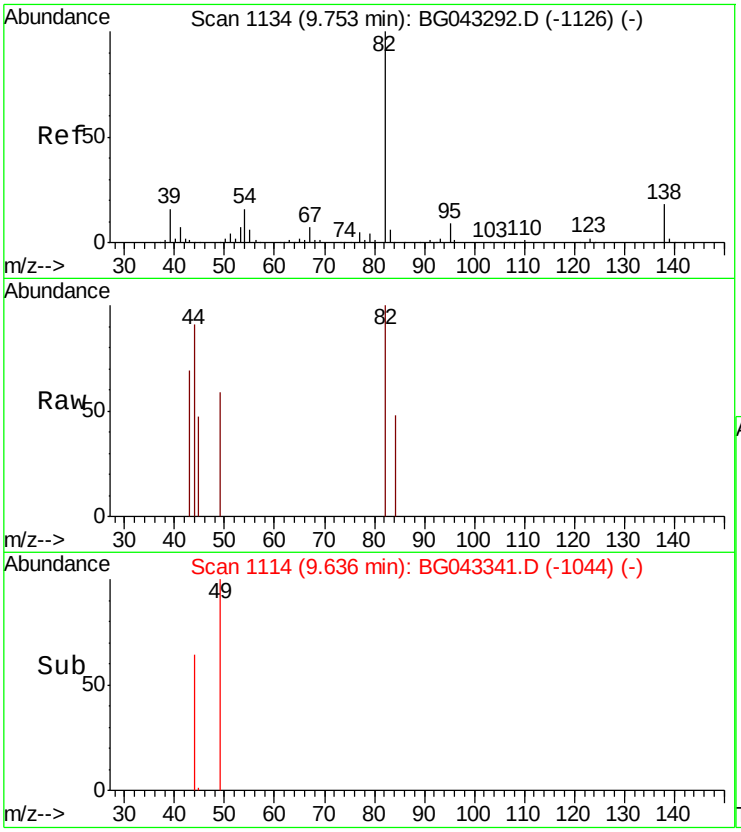


#24
Nitrobenzene
Concen: 0.496 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.04 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion: 77 Resp: 1183

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.8	50.8#
65	28.2	13.0	19.4#



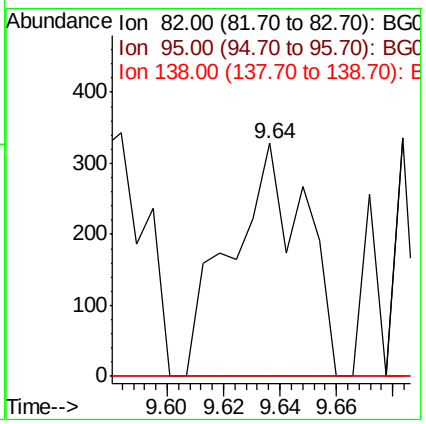


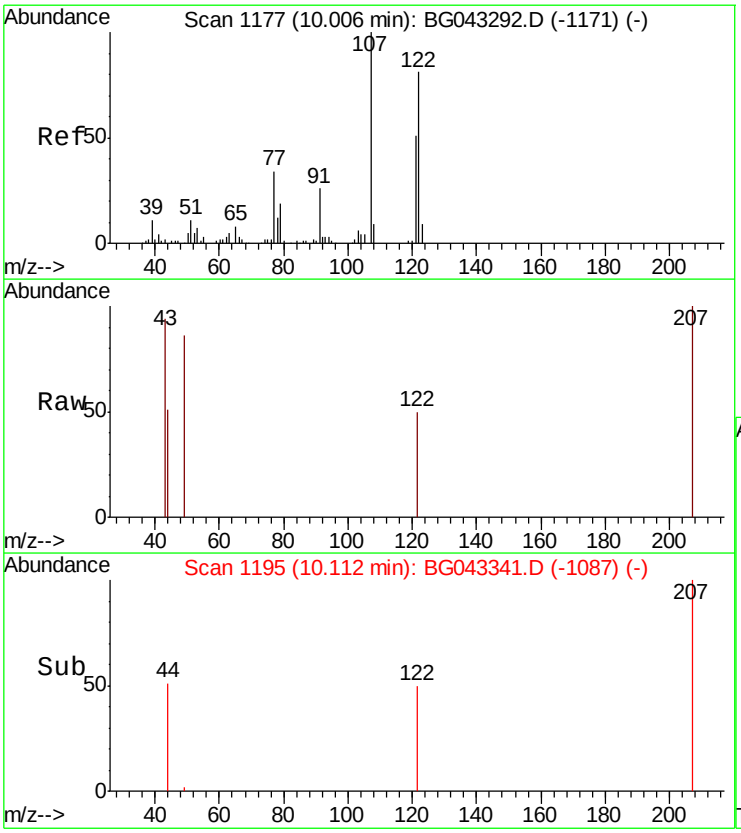
#25
Isophorone
Concen: 0.130 ng
RT: 9.64 min Scan# 1114
Delta R.T. -0.12 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion: 82 Resp: 593

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.9	10.3#
138	0.0	14.2	21.2#

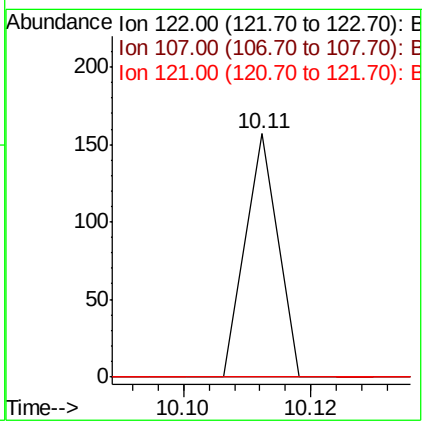


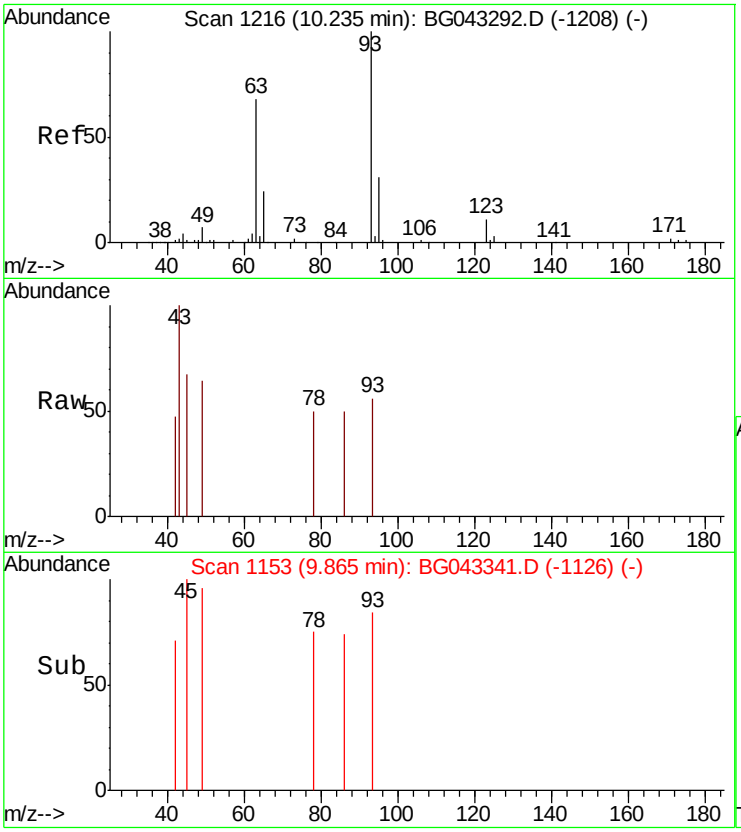


#27
2,4-Dimethylphenol
Concen: 0.033 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.11 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:122 Resp: 55

Ion	Ratio	Lower	Upper
122	100		
107	0.0	98.6	147.8#
121	100.0	50.1	75.1#



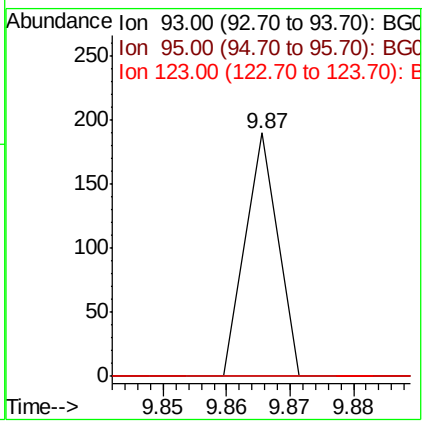


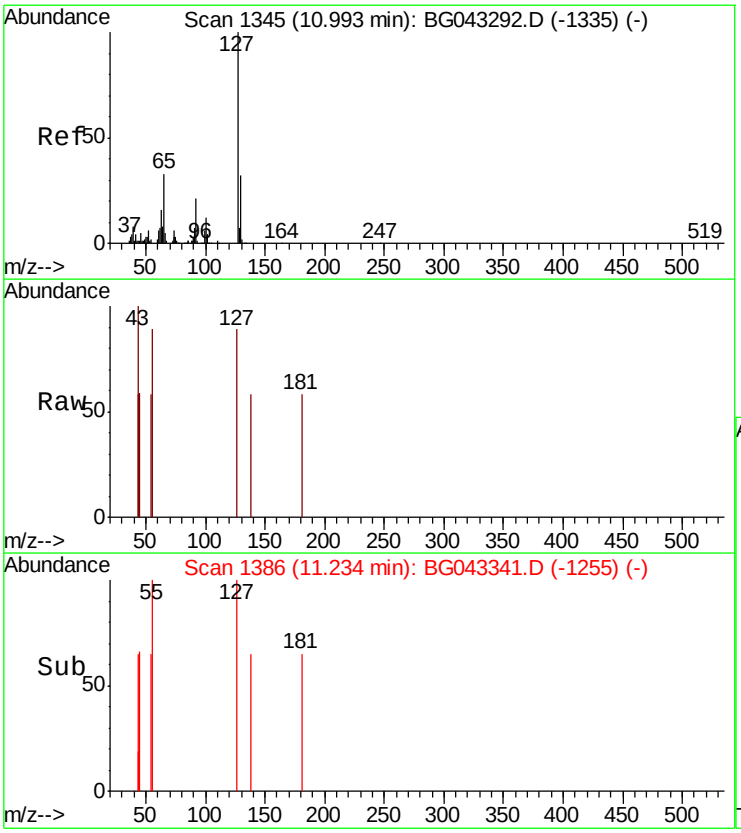
#28
bis(2-Chloroethoxy)methane
Concen: 0.027 ng
RT: 9.87 min Scan# 1153
Delta R.T. -0.37 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion: 93 Resp: 67

Ion	Ratio	Lower	Upper
93	100		
95	0.0	24.9	37.3#
123	0.0	8.9	13.3#

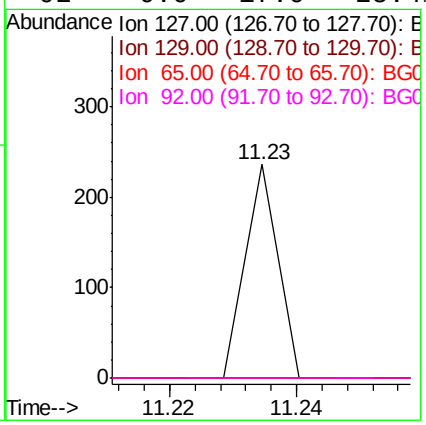


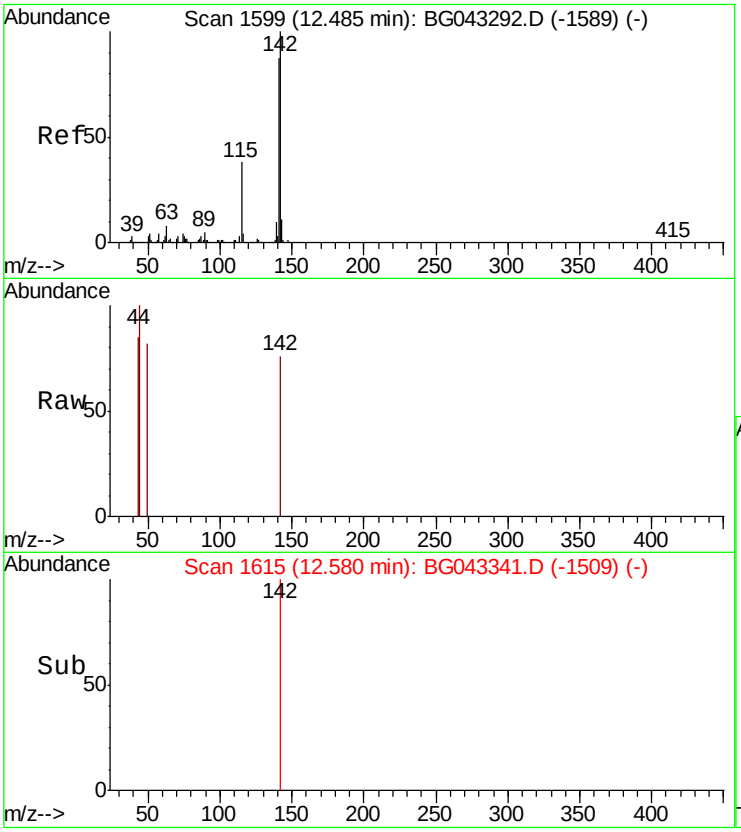


#33
4-Chloroaniline
Concen: 0.031 ng
RT: 11.23 min Scan# 1386
Delta R.T. 0.24 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:127 Resp: 83

Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.8	38.8#
65	0.0	26.2	39.2#
92	0.0	17.0	25.4#



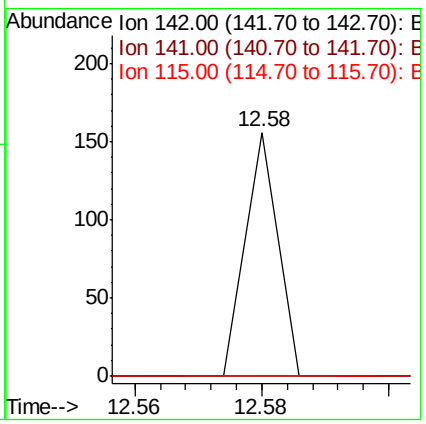


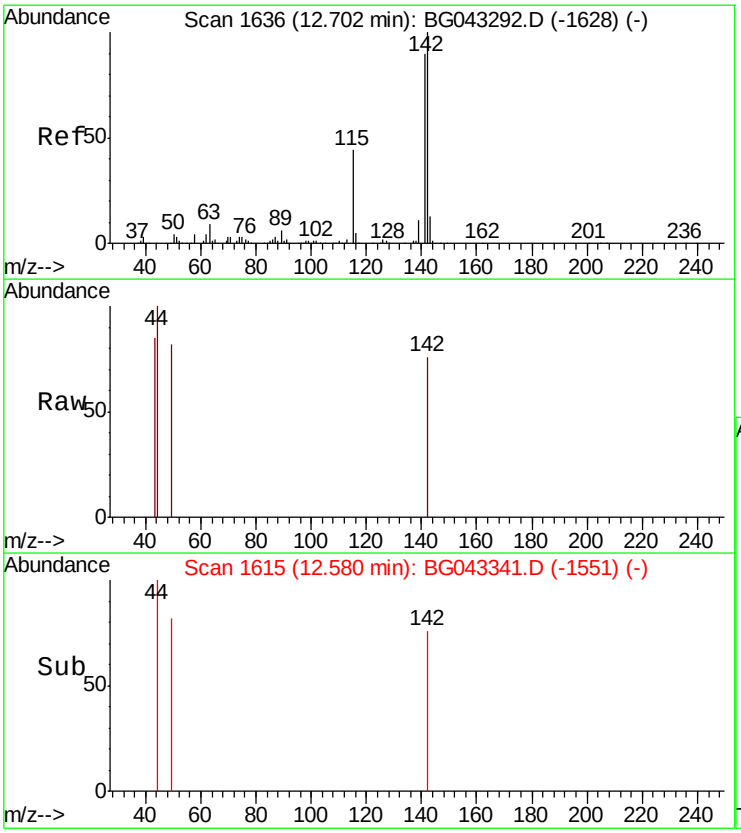
#37
2-Methylnaphthalene
Concen: 0.011 ng
RT: 12.58 min Scan# 1615
Delta R.T. 0.09 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:142 Resp: 55

Ion	Ratio	Lower	Upper
142	100		
141	0.0	69.7	104.5#
115	0.0	30.6	46.0#

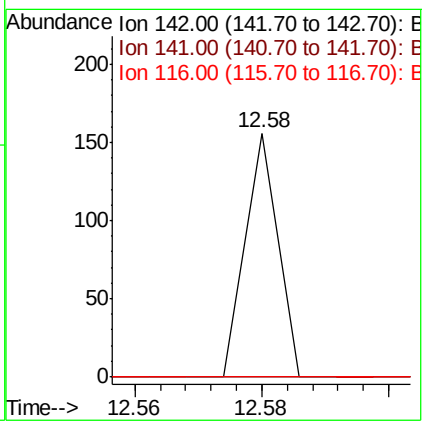


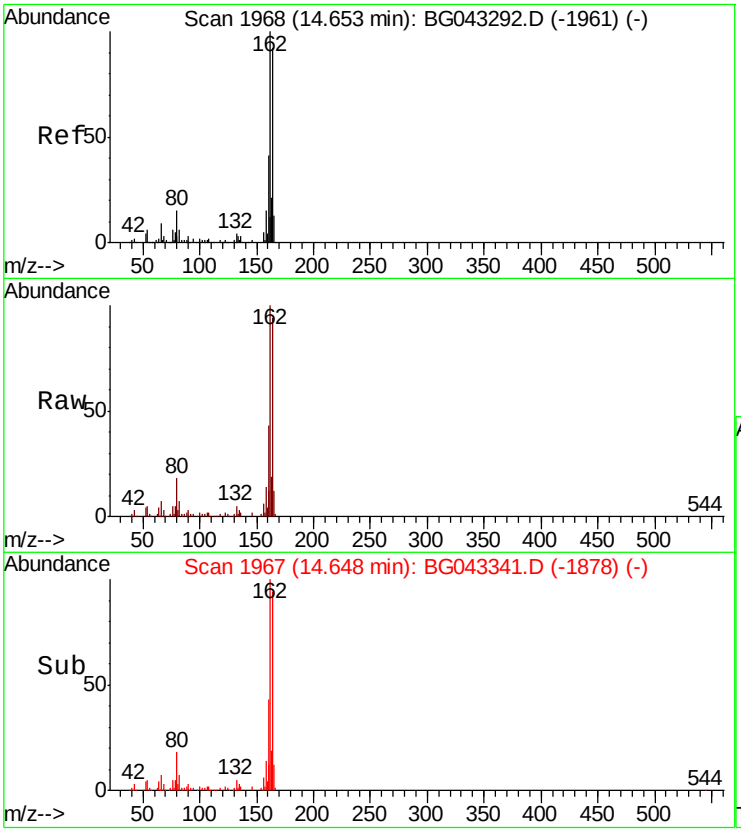


#38
1-Methylnaphthalene
Concen: 0.012 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.12 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:142 Resp: 55

Ion	Ratio	Lower	Upper
142	100		
141	0.0	72.3	108.5#
116	0.0	3.8	5.6#



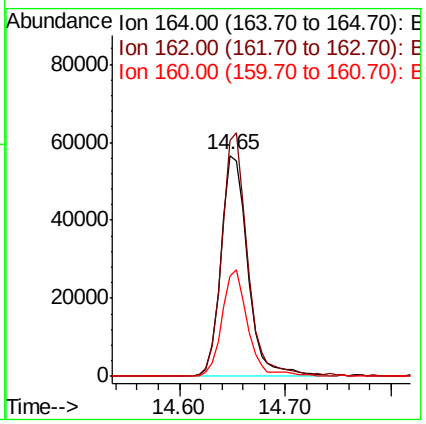


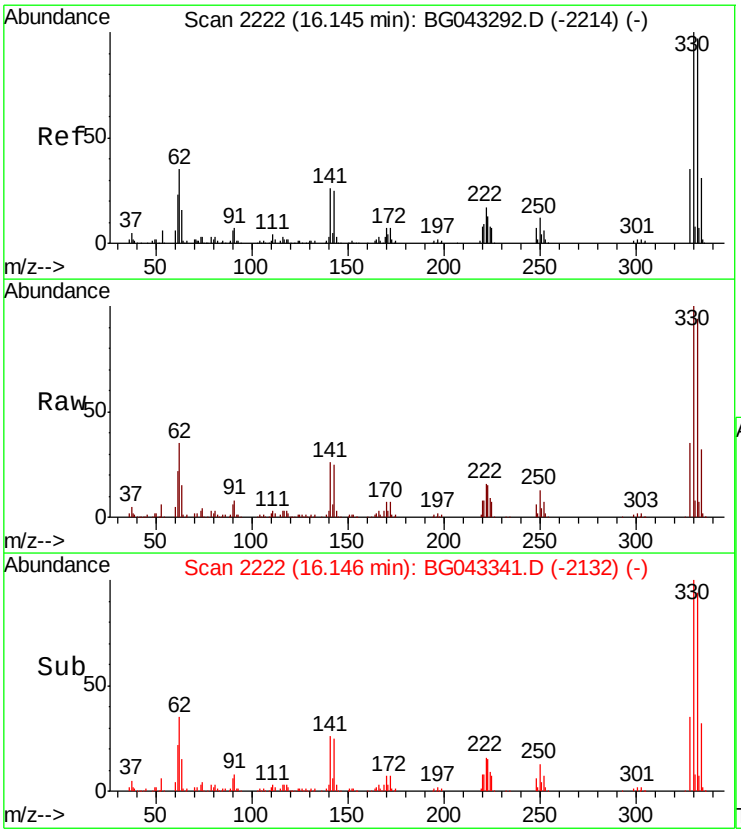
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:164 Resp: 99381

Ion	Ratio	Lower	Upper
164	100		
162	106.7	87.0	130.4
160	45.7	35.5	53.3

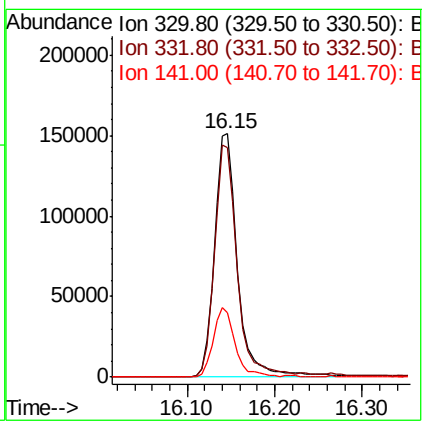


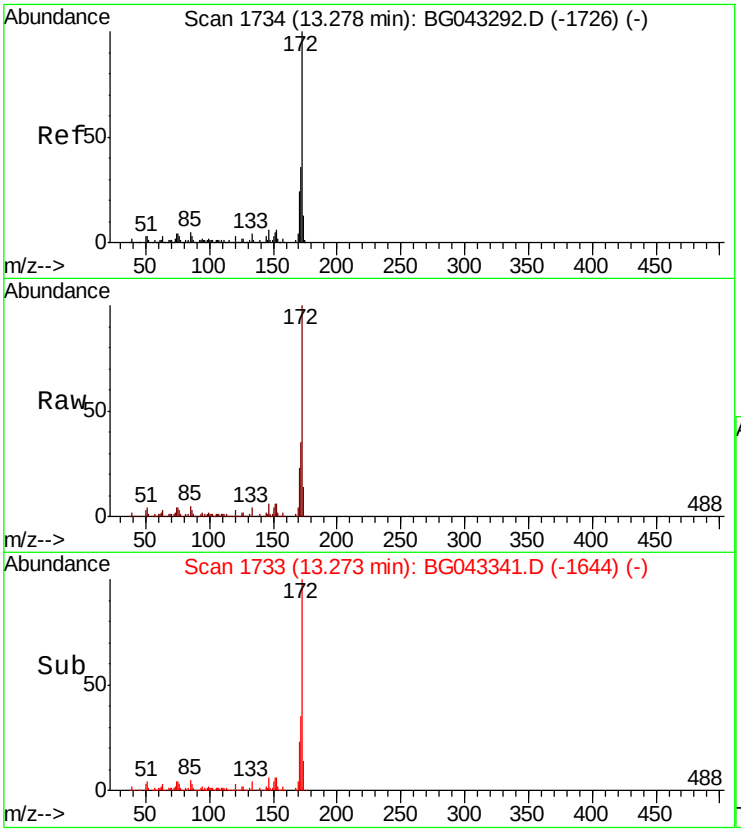


#42
2,4,6-Tribromophenol
Concen: 145.386 ng
RT: 16.15 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:330 Resp: 274957

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.4	114.6
141	27.3	21.4	32.0



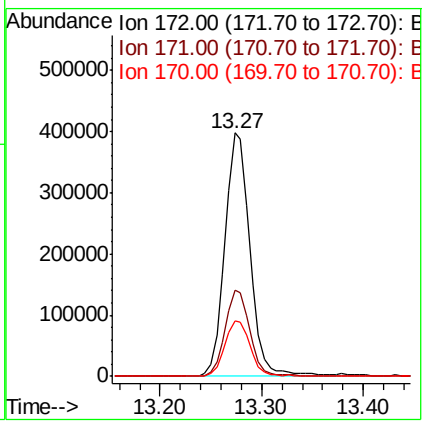


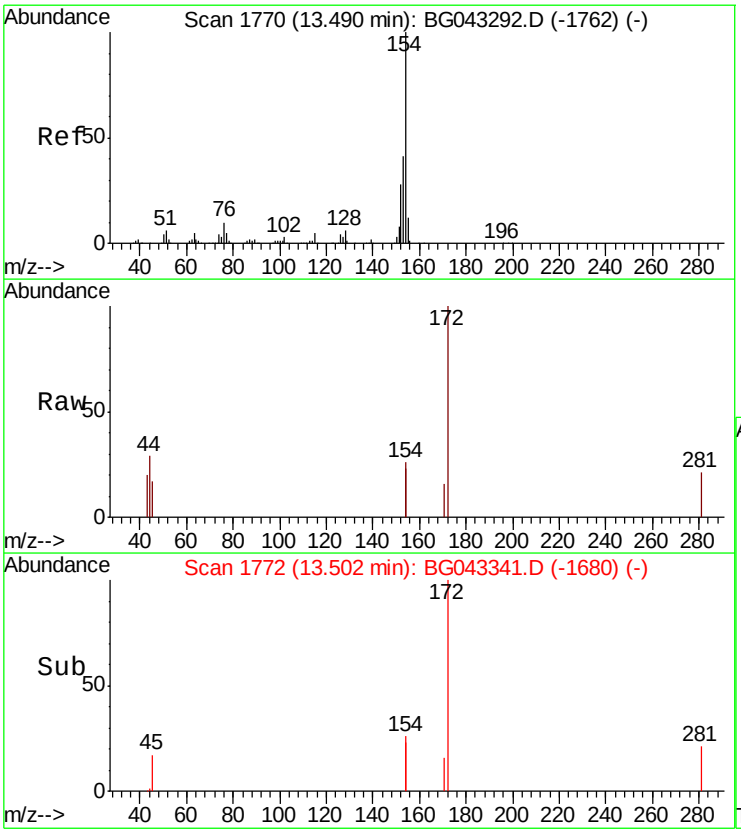
#45
2-Fluorobiphenyl
Concen: 94.914 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:172 Resp: 682631

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	22.7	18.8	28.2

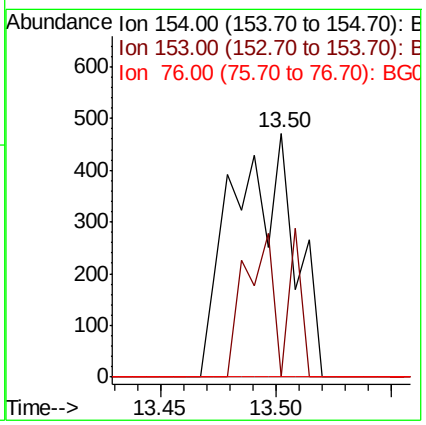


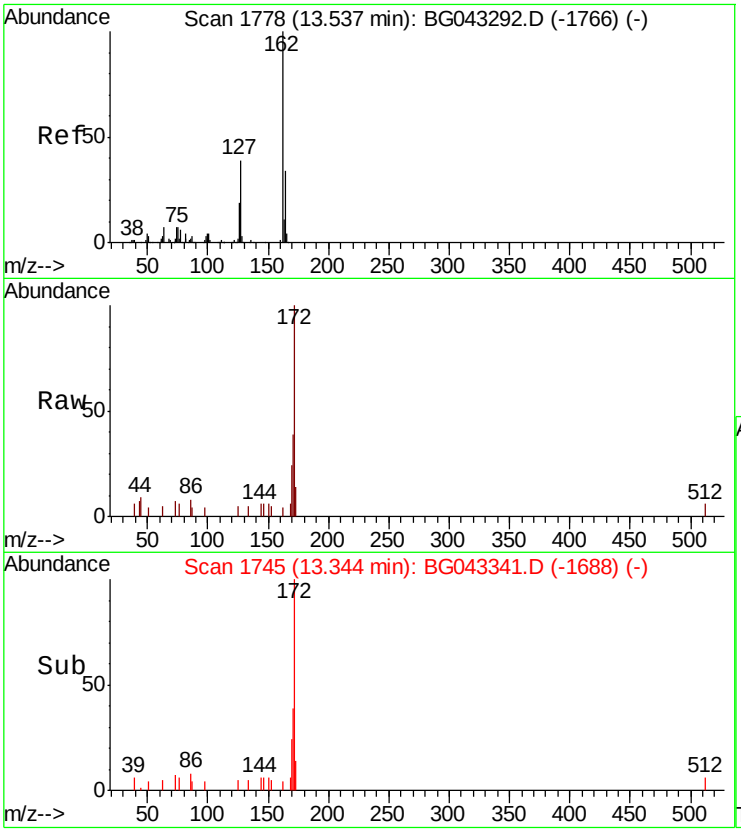


#46
1,1'-Biphenyl
Concen: 0.116 ng
RT: 13.50 min Scan# 1772
Delta R.T. 0.01 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:154 Resp: 876

Ion	Ratio	Lower	Upper
154	100		
153	0.0	21.0	61.0#
76	0.0	0.0	29.8



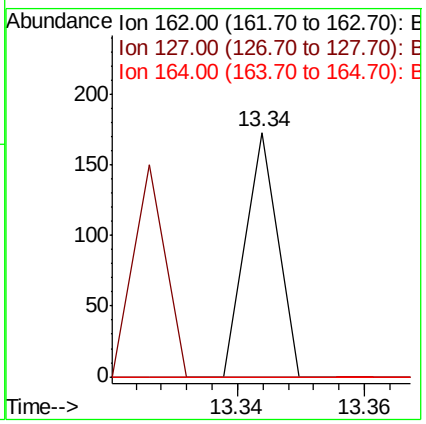


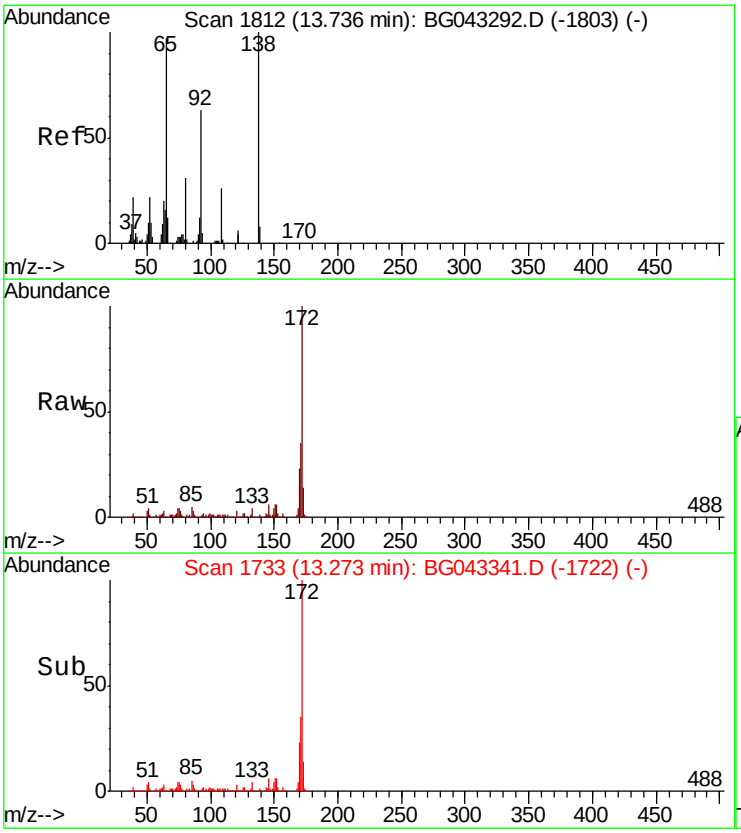
#47
2-Chloronaphthalene
Concen: 0.011 ng
RT: 13.34 min Scan# 1745
Delta R.T. -0.19 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:162 Resp: 61

Ion	Ratio	Lower	Upper
162	100		
127	0.0	31.3	46.9#
164	0.0	26.8	40.2#

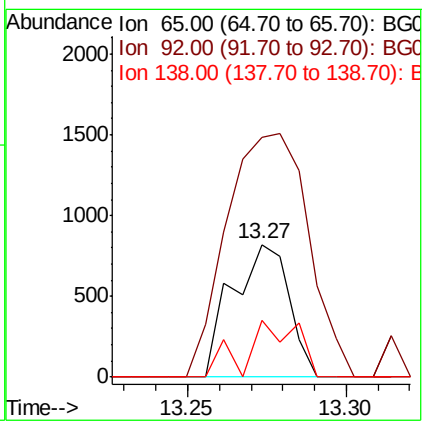


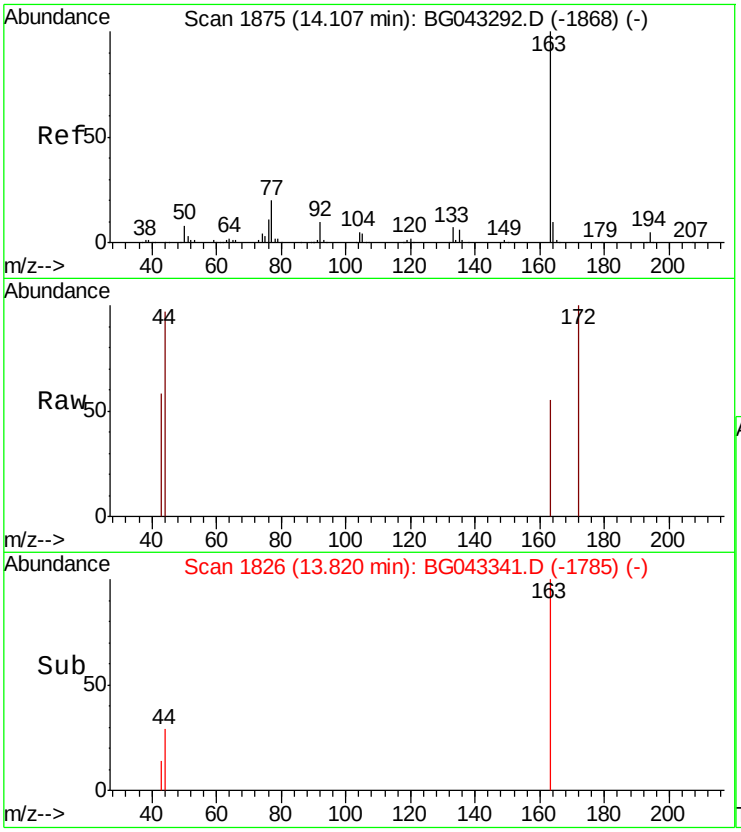


#48
2-Nitroaniline
Concen: 0.594 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.46 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion: 65 Resp: 1021

Ion	Ratio	Lower	Upper
65	100		
92	181.2	52.6	79.0#
138	42.7	82.9	124.3#



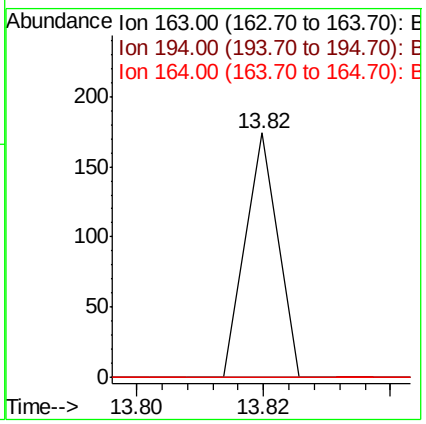


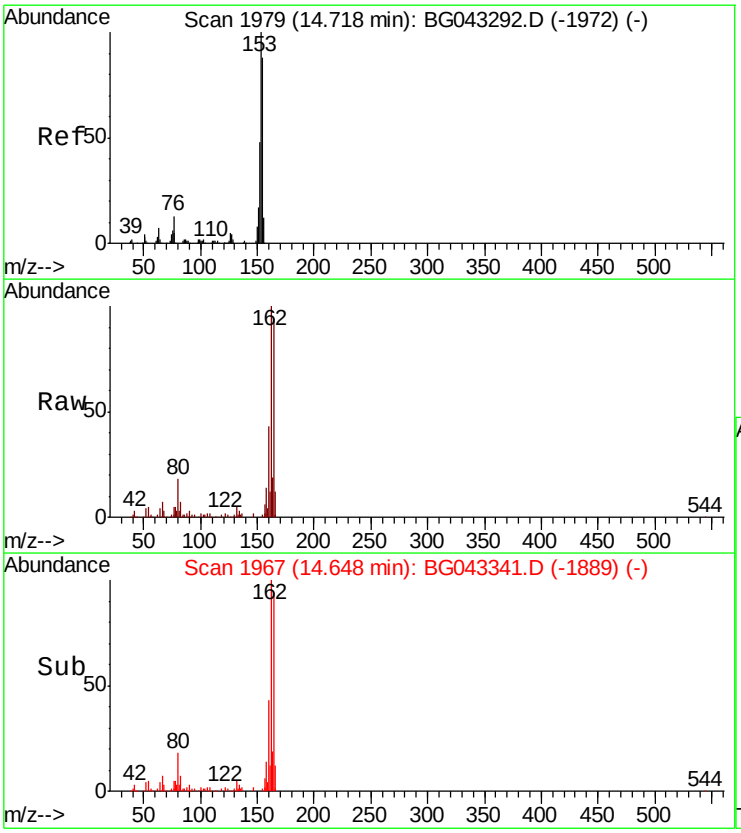
#50
Dimethylphthalate
Concen: 0.008 ng
RT: 13.82 min Scan# 1826
Delta R.T. -0.29 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:163 Resp: 61

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.7	5.5#
164	0.0	8.1	12.1#

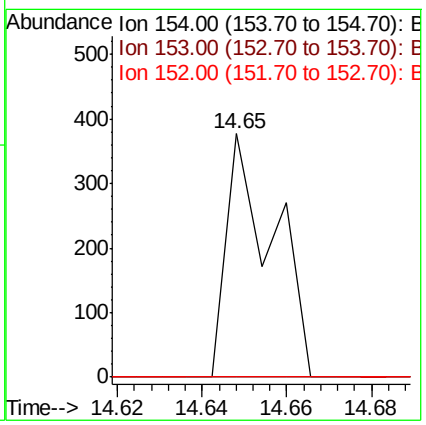


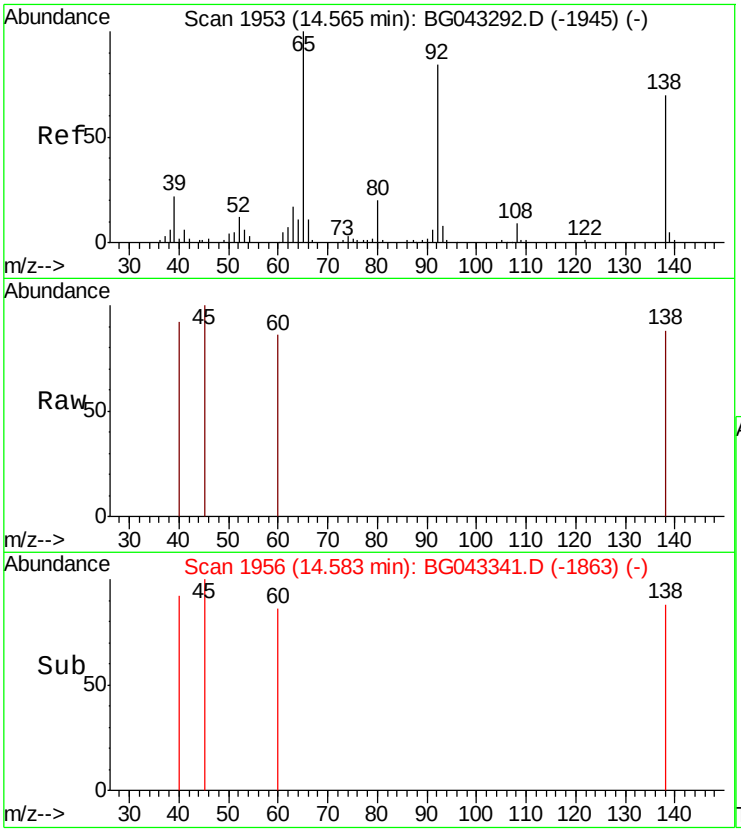


#52
Acenaphthene
Concen: 0.053 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.07 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:154 Resp: 288

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.9	136.3#
152	0.0	43.9	65.9#



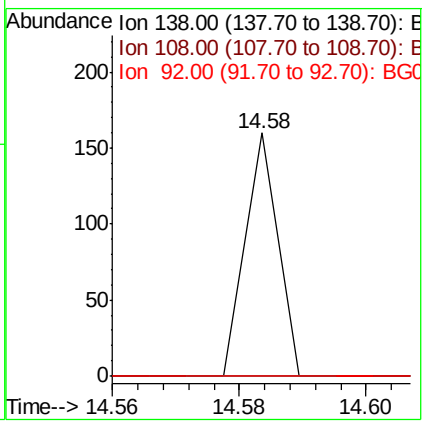


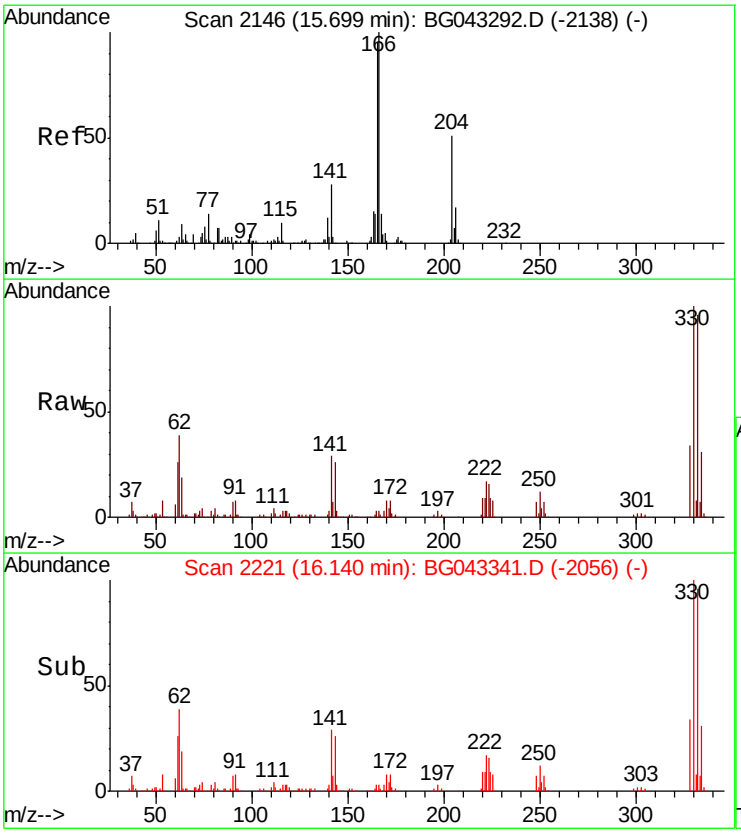
#53
3-Nitroaniline
Concen: 0.035 ng
RT: 14.58 min Scan# 1956
Delta R.T. 0.02 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:138 Resp: 56

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.8	14.6#
92	0.0	95.8	143.6#

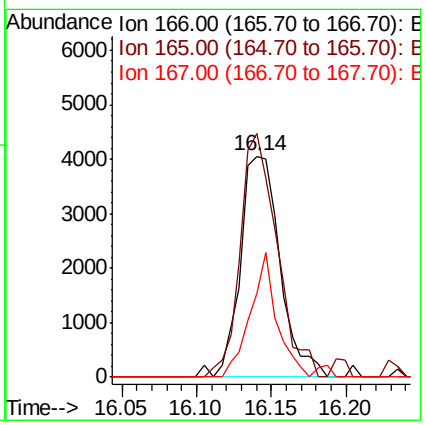


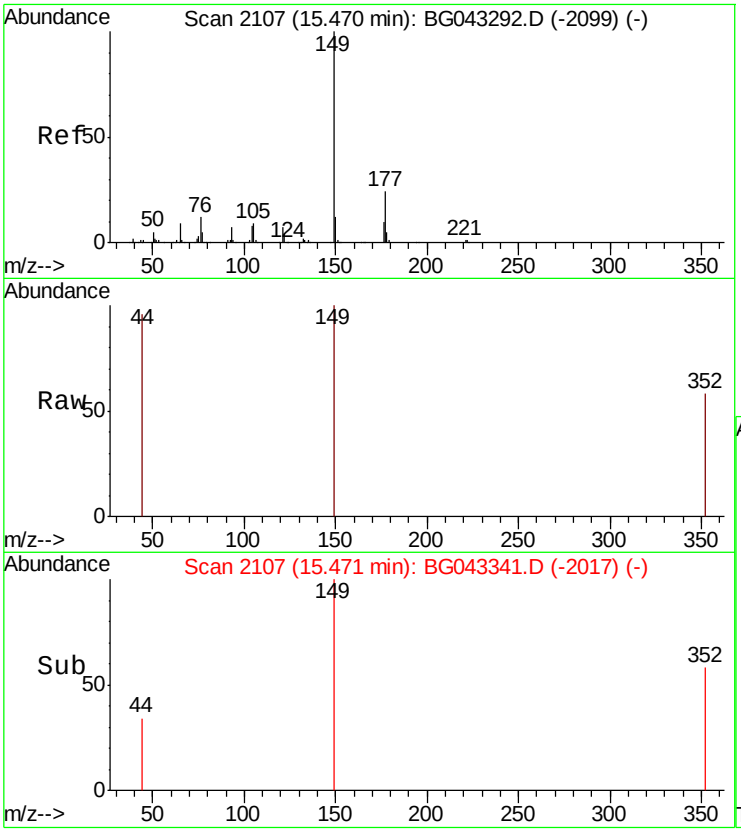


#58
Fluorene
Concen: 1.004 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.44 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:166 Resp: 7457

Ion	Ratio	Lower	Upper
166	100		
165	110.2	76.4	114.6
167	38.1	11.1	16.7#



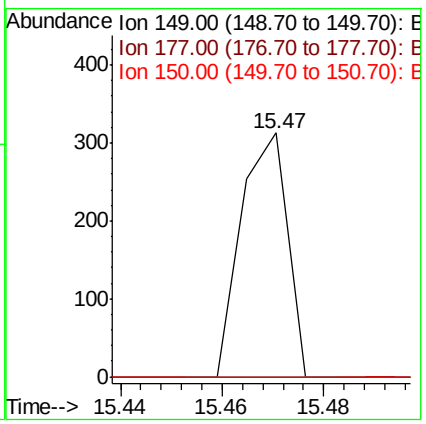


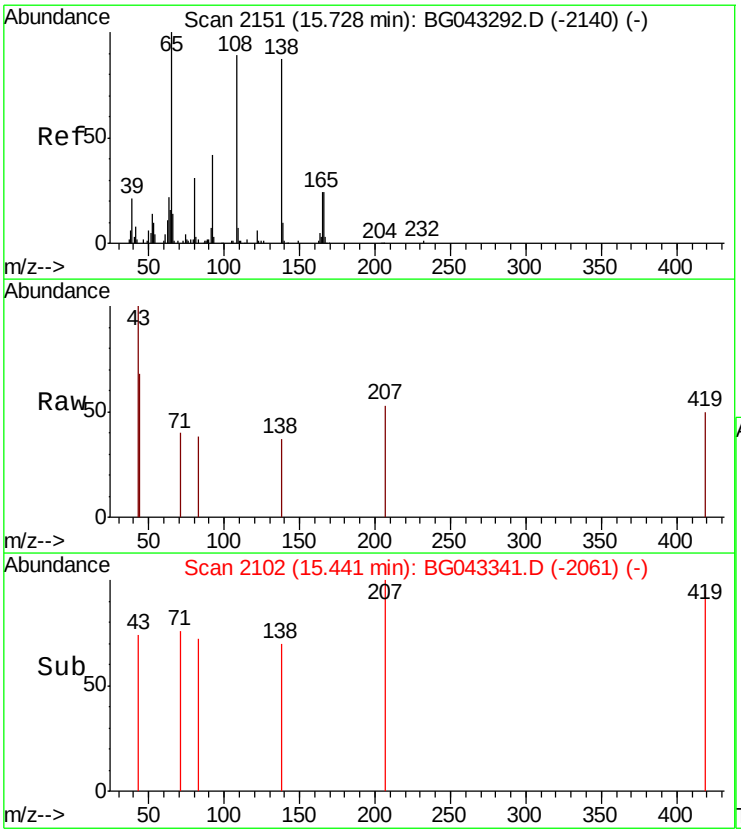
#60
Diethylphthalate
Concen: 0.026 ng
RT: 15.47 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:149 Resp: 200

Ion	Ratio	Lower	Upper
149	100		
177	0.0	19.0	28.4#
150	0.0	9.4	14.0#

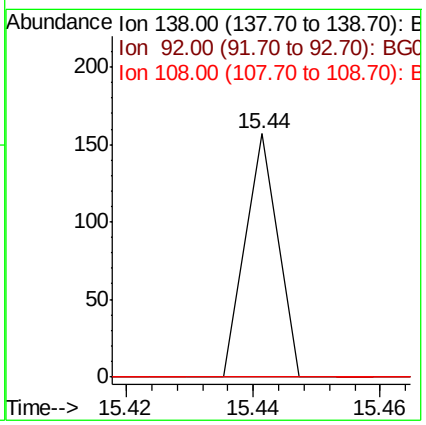


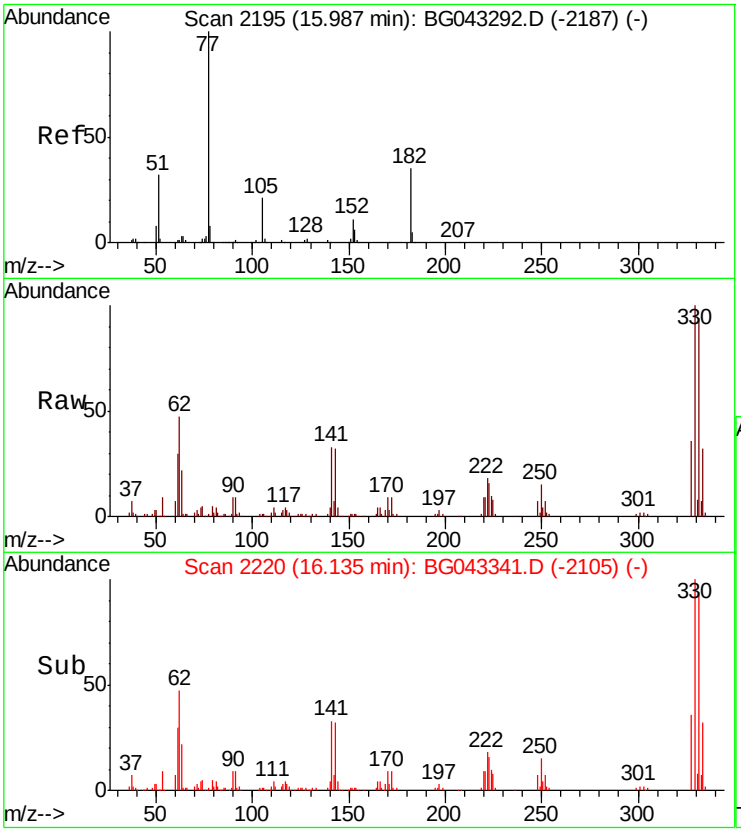


#62
4-Nitroaniline
Concen: 0.033 ng
RT: 15.44 min Scan# 2102
Delta R.T. -0.29 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:138 Resp: 55

Ion	Ratio	Lower	Upper
138	100		
92	0.0	28.8	68.8#
108	0.0	82.7	122.7#



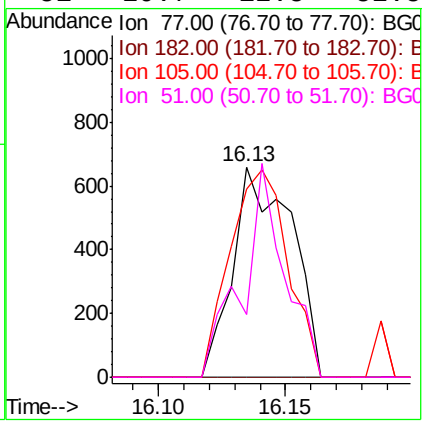


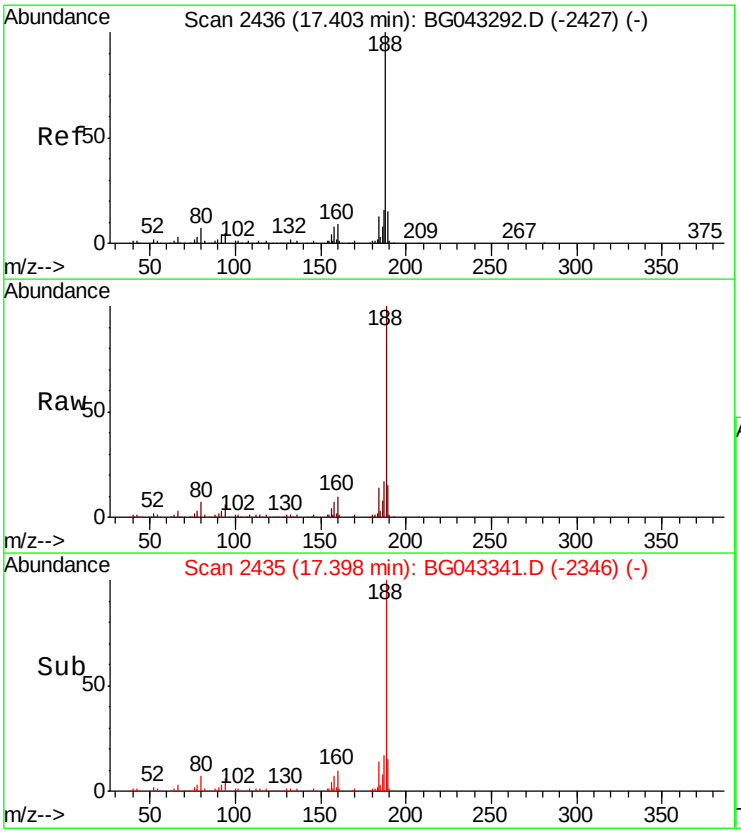
#63
Azobenzene
Concen: 0.170 ng
RT: 16.13 min Scan# 2220
Delta R.T. 0.15 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion: 77 Resp: 1064

Ion	Ratio	Lower	Upper
77	100		
182	0.0	14.9	54.9#
105	89.8	0.6	40.6#
51	29.7	12.5	52.5

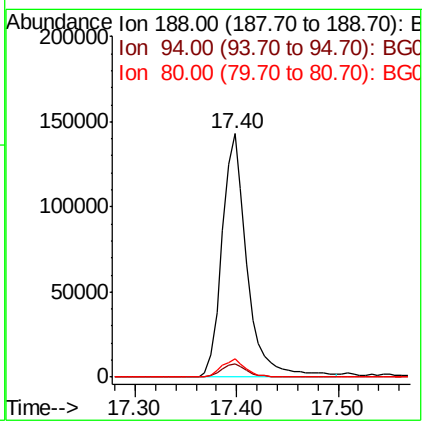


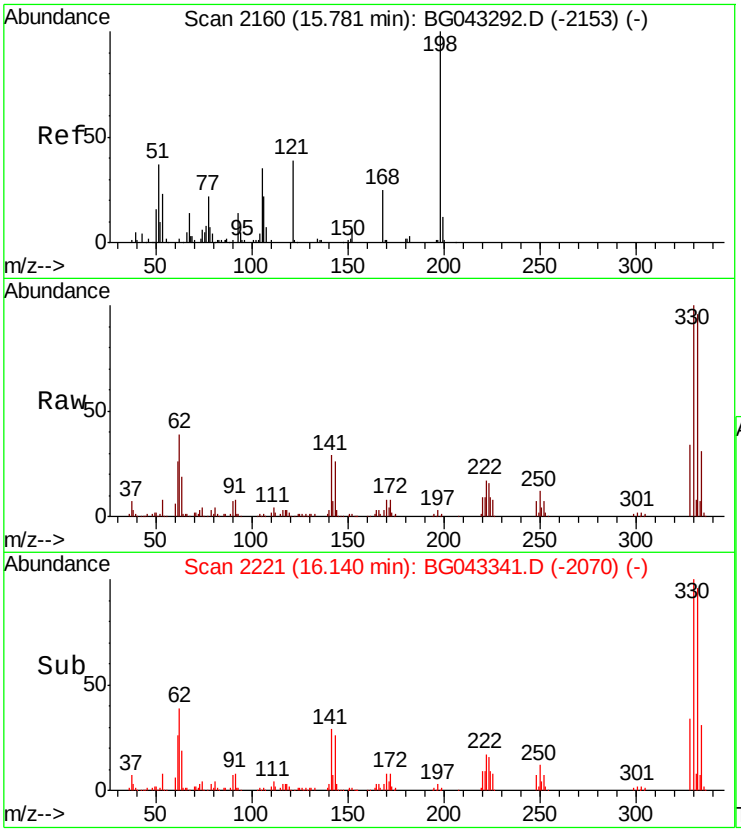


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:188 Resp: 244929

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.2
80	7.4	5.2	7.8



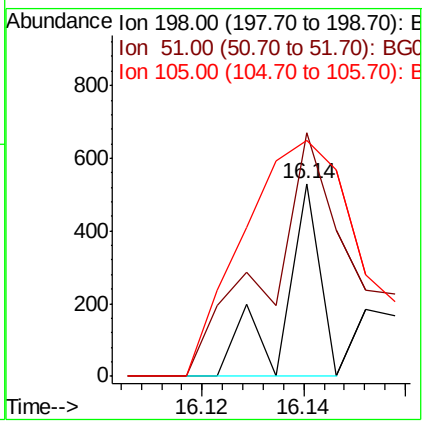


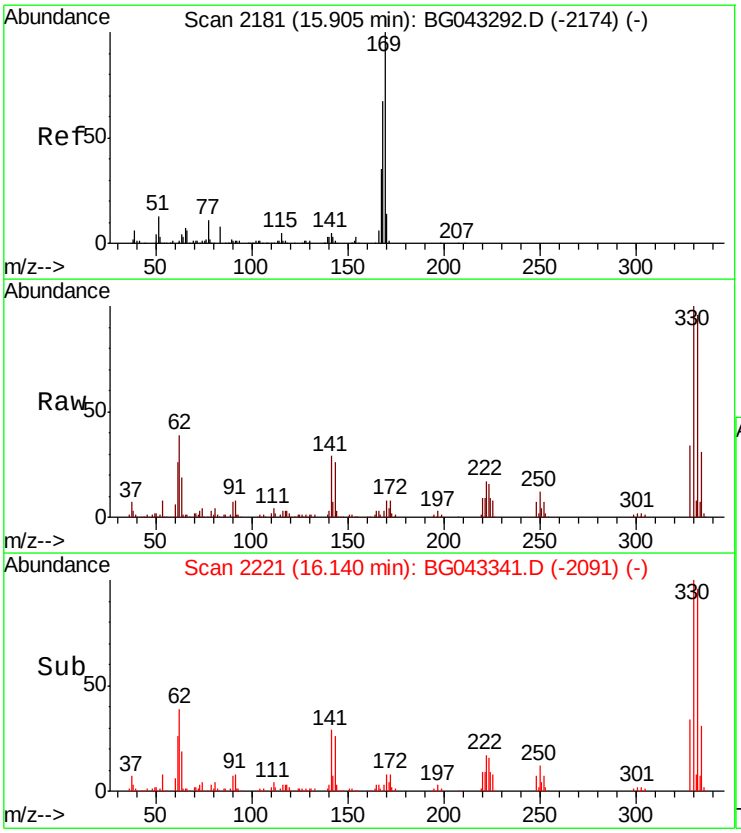
#65
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.36 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:198 Resp: 258

Ion	Ratio	Lower	Upper
198	100		
51	126.2	21.4	61.4#
105	122.4	16.5	56.5#

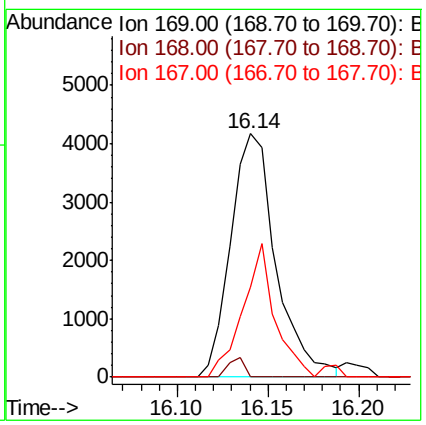


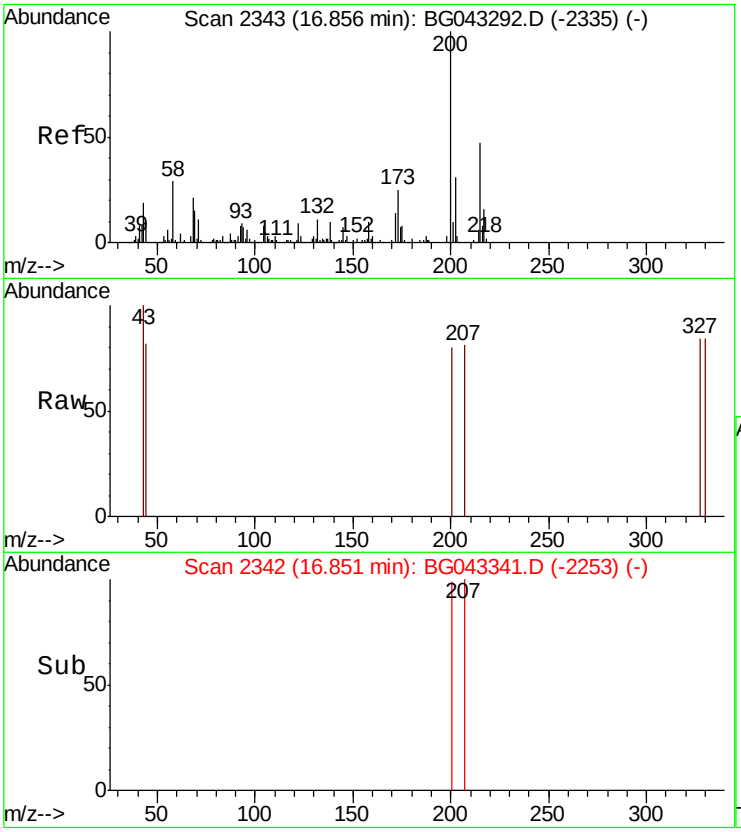


#66
n-Nitrosodiphenylamine
Concen: 1.048 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.24 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:169 Resp: 7246

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.9	80.9#
167	37.0	28.3	42.5



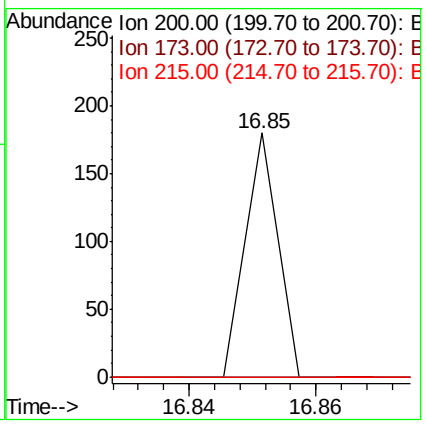


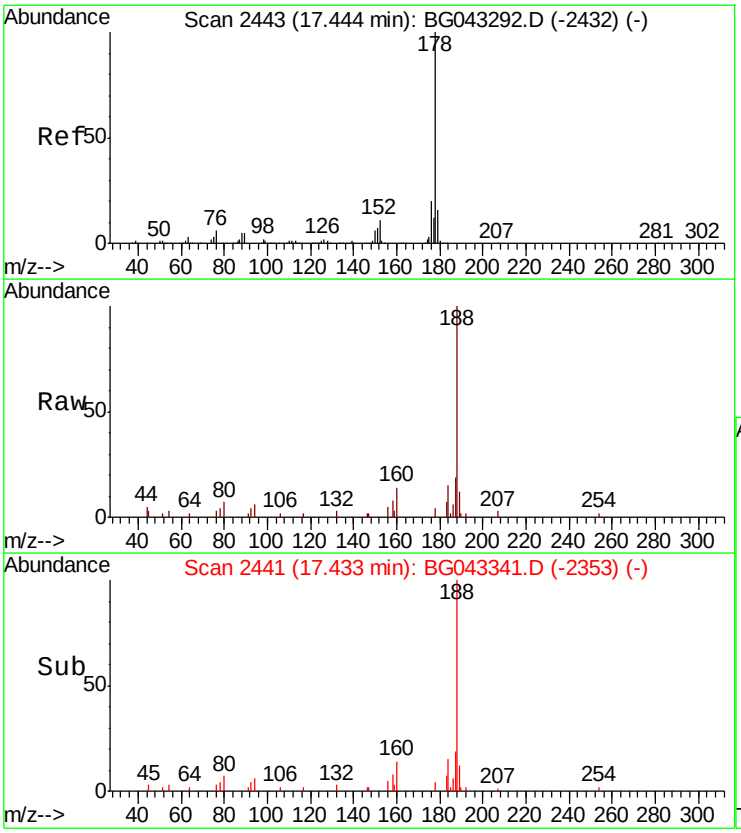
#69
Atrazine
Concen: 0.026 ng
RT: 16.85 min Scan# 2342
Delta R.T. -0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:200 Resp: 63

Ion	Ratio	Lower	Upper
200	100		
173	0.0	5.1	45.1#
215	0.0	26.6	66.6#

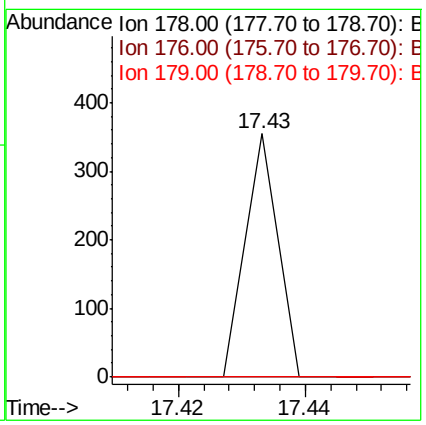


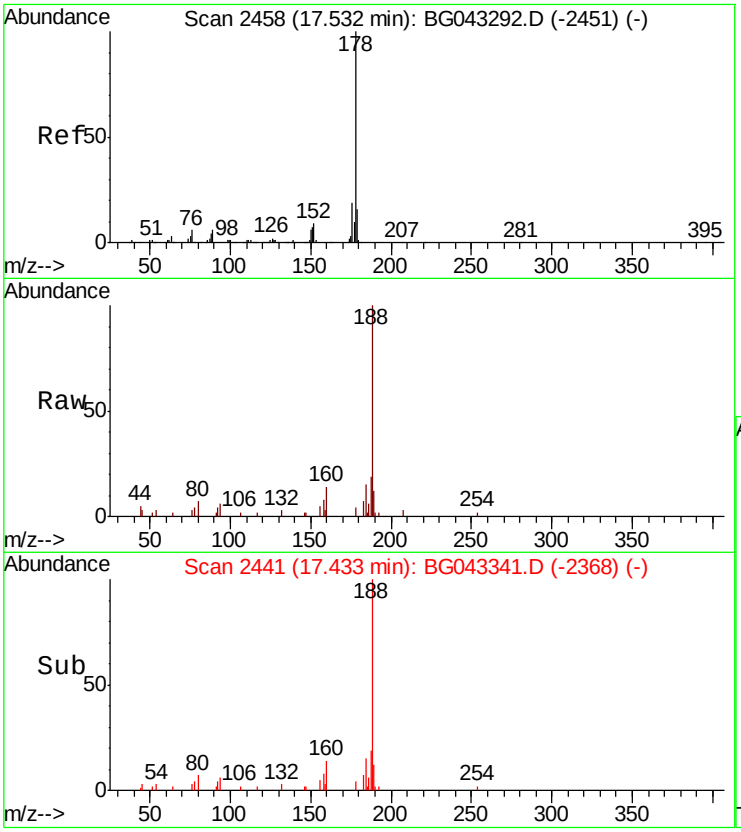


#71
Phenanthrene
Concen: 0.010 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:178 Resp: 125

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	0.0	13.1	19.7#



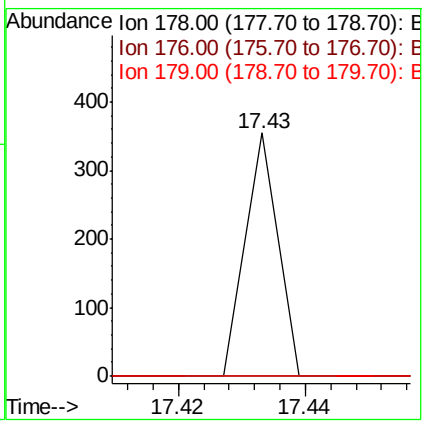


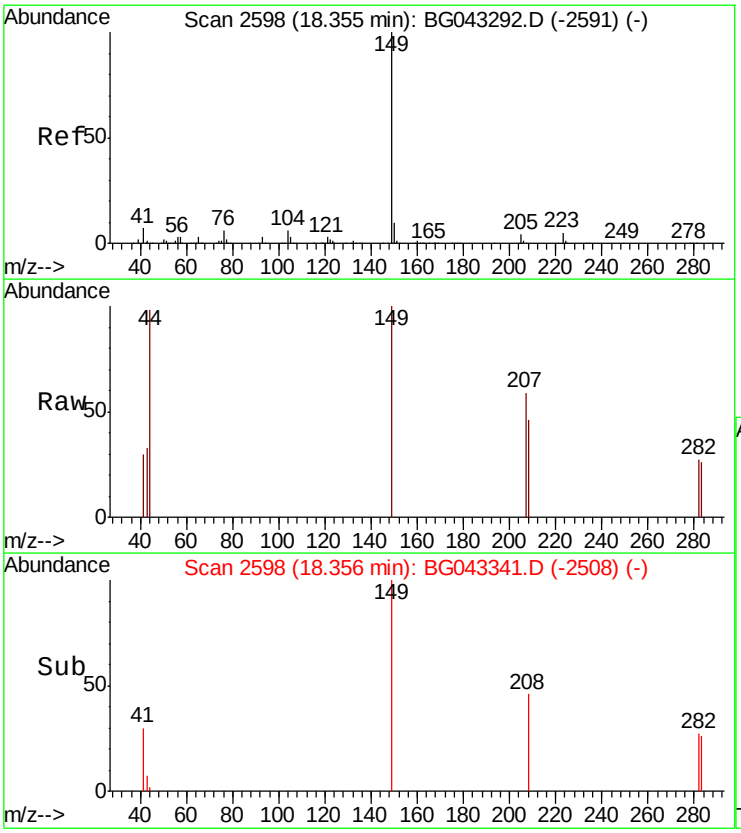
#72
Anthracene
Concen: 0.010 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.10 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:178 Resp: 125

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.1	22.7#
179	0.0	13.0	19.6#

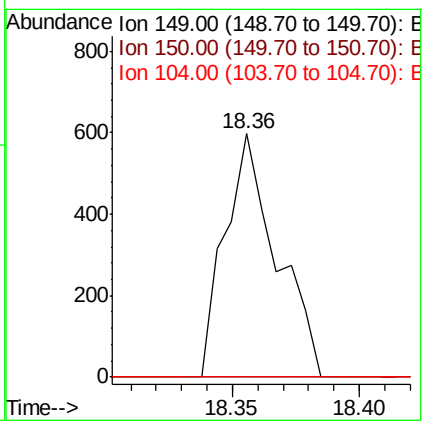


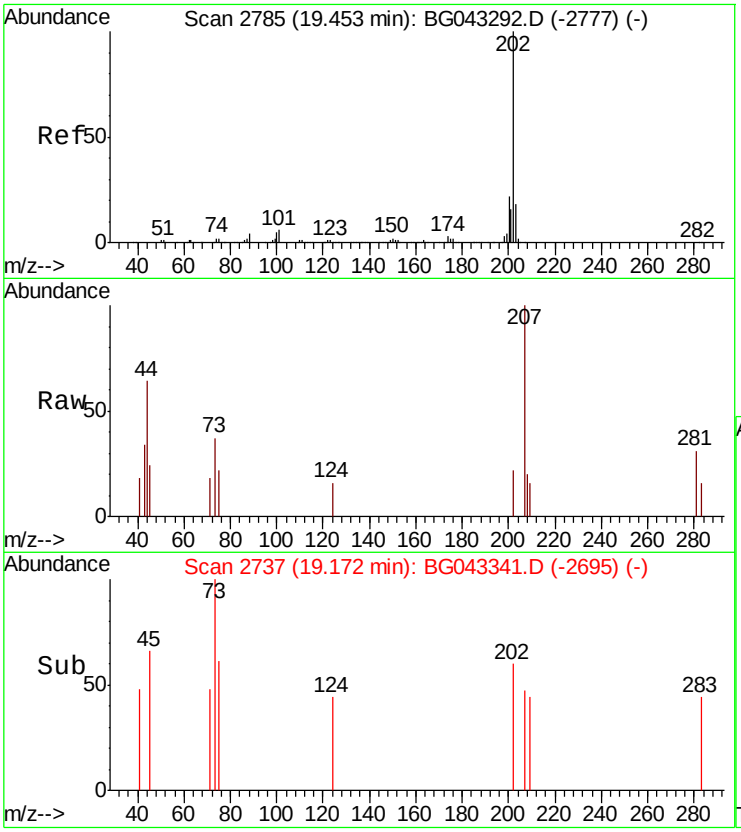


#74
Di-n-butylphthalate
Concen: 0.061 ng
RT: 18.36 min Scan# 2598
Delta R.T. 0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:149 Resp: 847

Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.0	12.0#
104	0.0	4.7	7.1#



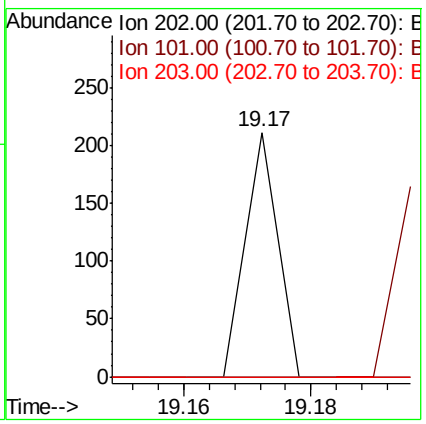


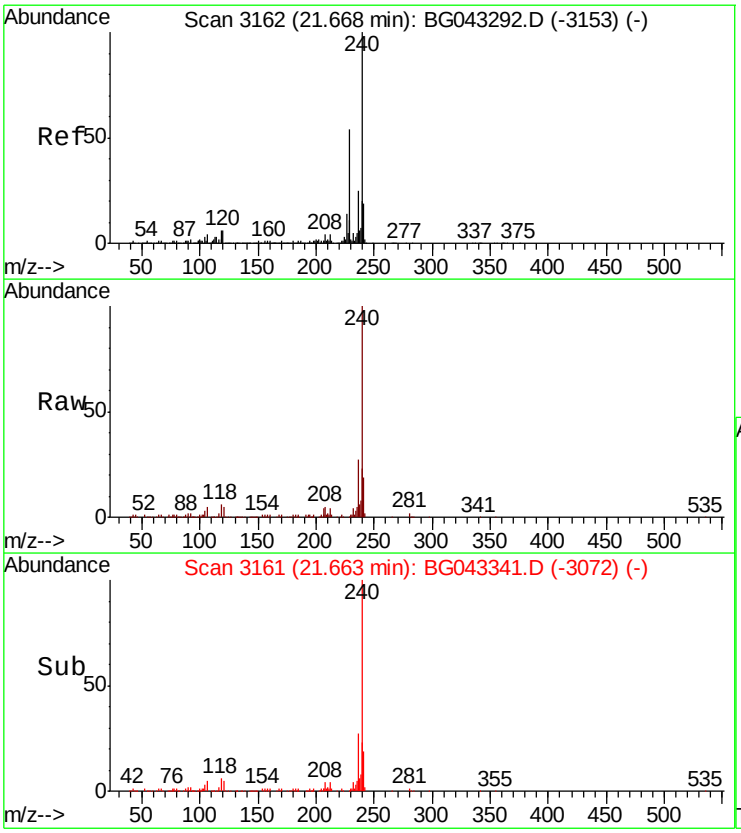
#75
Fluoranthene
Concen: 0.005 ng
RT: 19.17 min Scan# 2737
Delta R.T. -0.28 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:202 Resp: 74

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	26.0
203	0.0	0.0	38.2

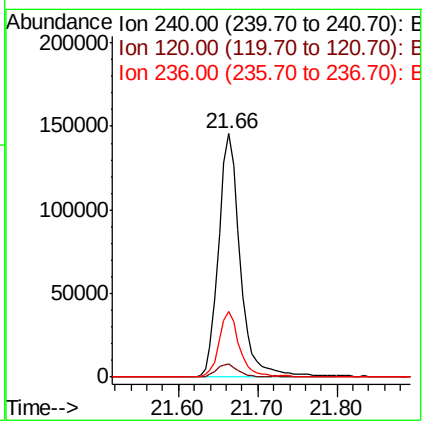


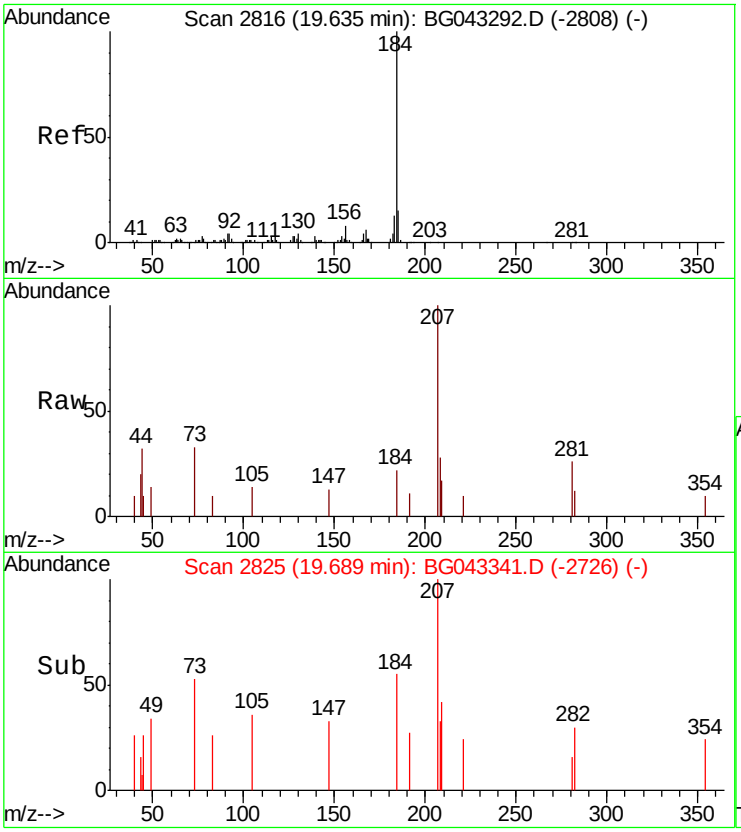


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:240 Resp: 276561

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.6	7.0
236	27.1	20.2	30.4



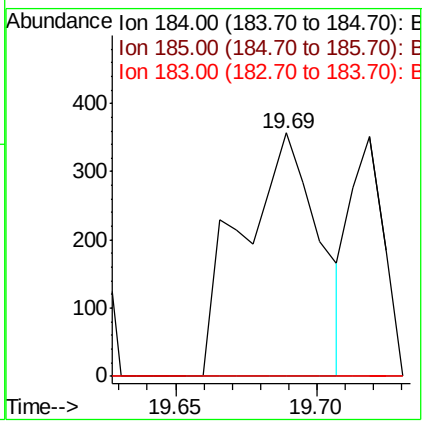


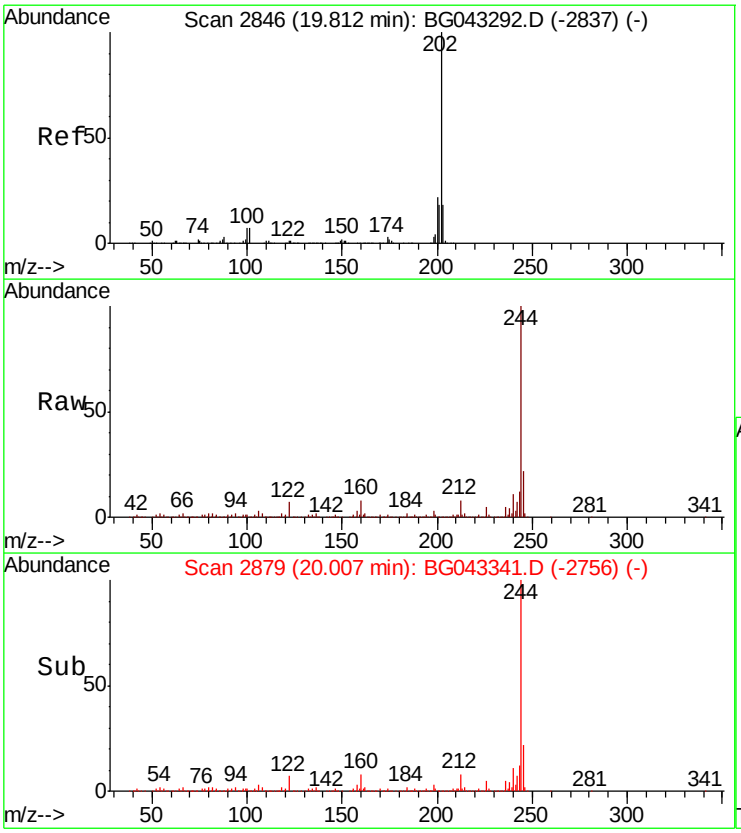
#77
Benzidine
Concen: 0.121 ng
RT: 19.69 min Scan# 2825
Delta R.T. 0.05 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:184 Resp: 676

Ion	Ratio	Lower	Upper
184	100		
185	0.0	11.8	17.6#
183	0.0	10.6	16.0#

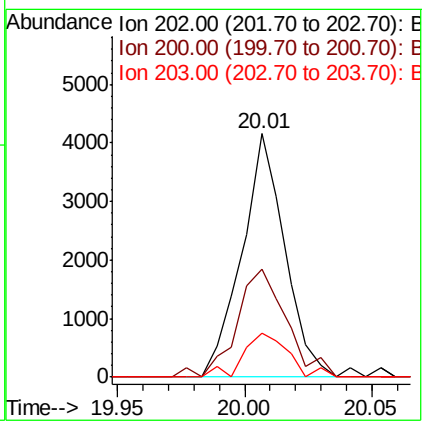


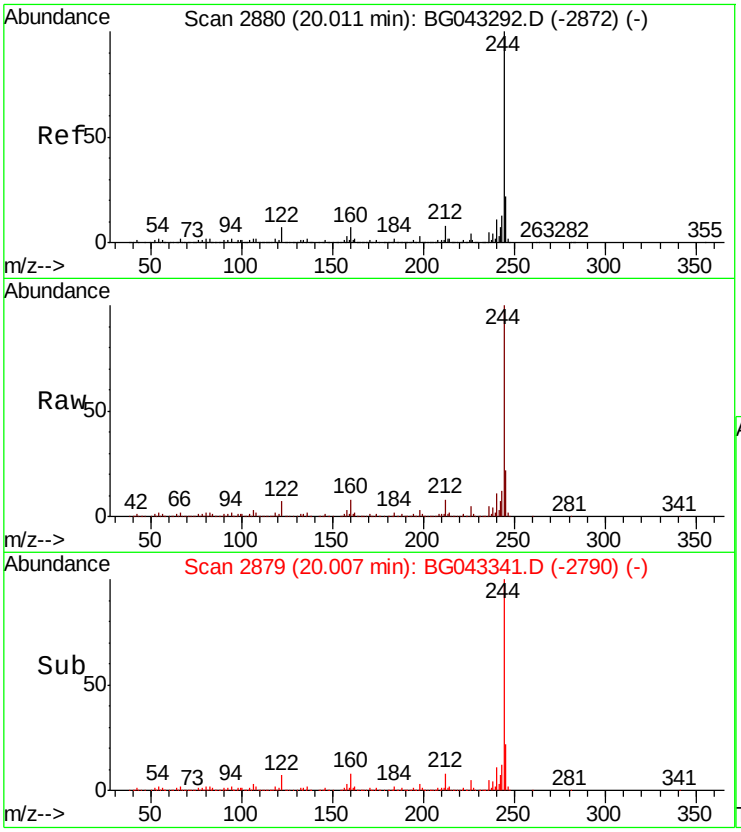


#78
Pyrene
Concen: 0.287 ng
RT: 20.01 min Scan# 2879
Delta R.T. 0.19 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:202 Resp: 4921

Ion	Ratio	Lower	Upper
202	100		
200	44.3	17.3	25.9#
203	18.2	14.5	21.7



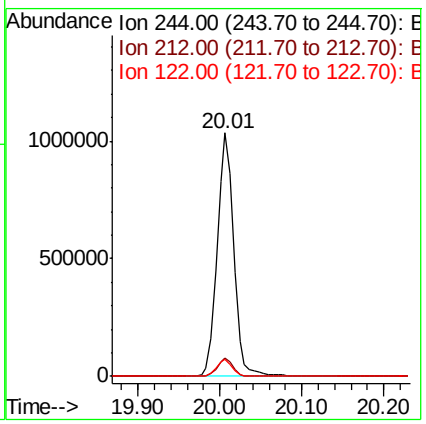


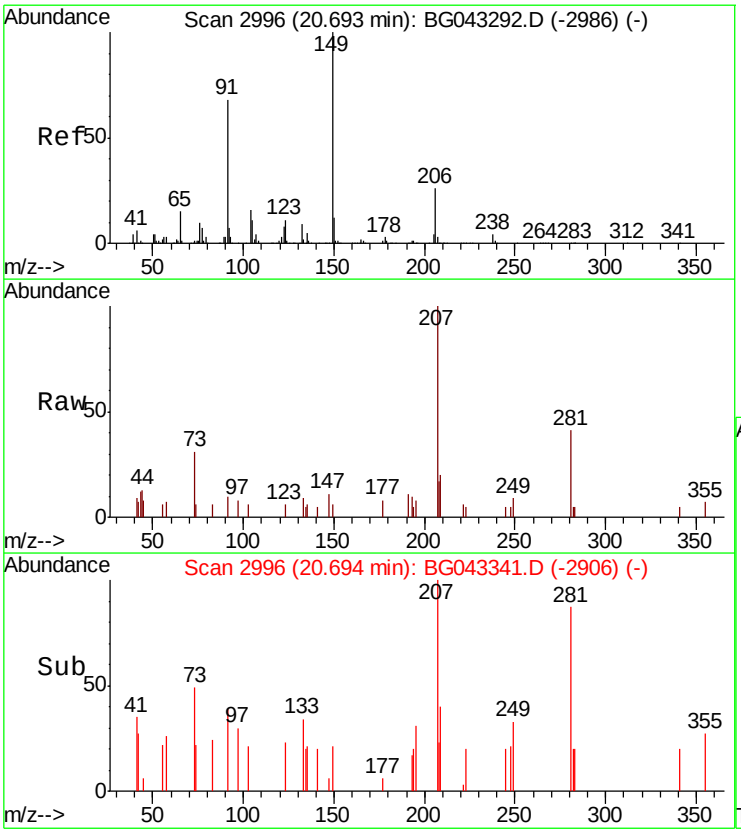
#79
Terphenyl-d14
Concen: 99.651 ng
RT: 20.01 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:244 Resp: 1469014

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	7.3	5.3	7.9

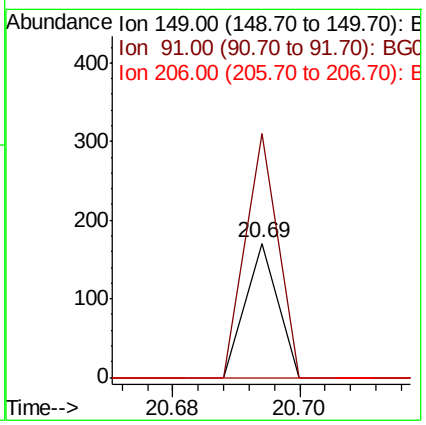


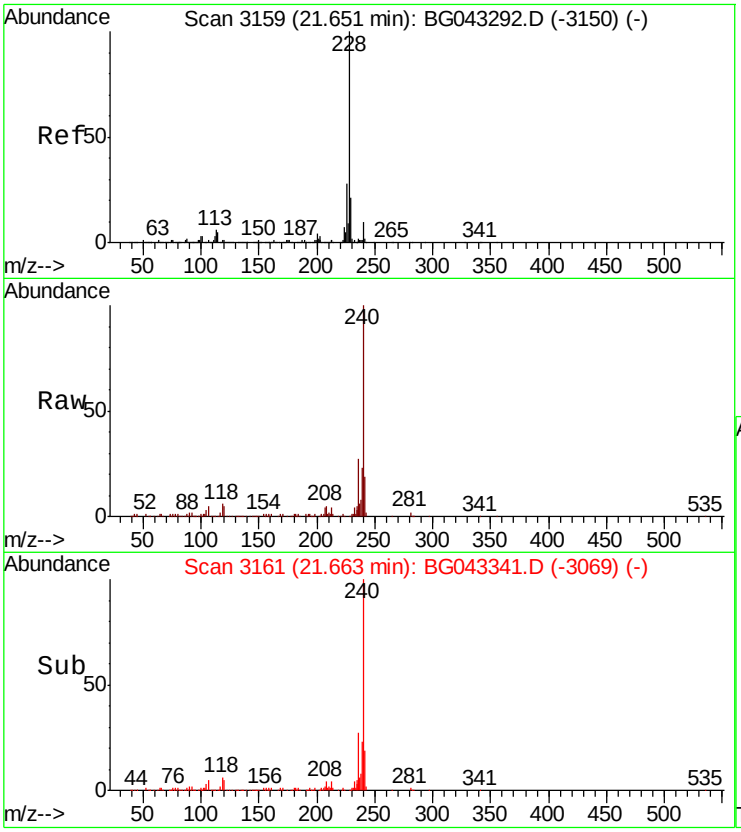


#80
Butylbenzylphthalate
Concen: 0.009 ng
RT: 20.69 min Scan# 2996
Delta R.T. 0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:149 Resp: 60

Ion	Ratio	Lower	Upper
149	100		
91	181.3	54.6	82.0#
206	0.0	20.5	30.7#



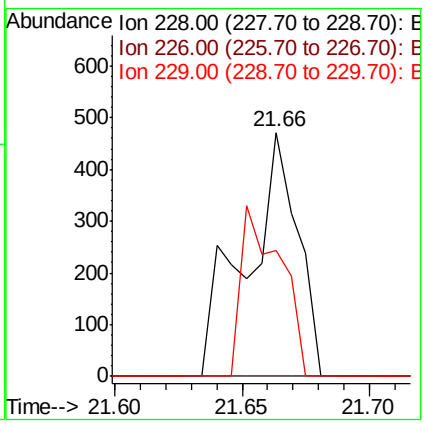


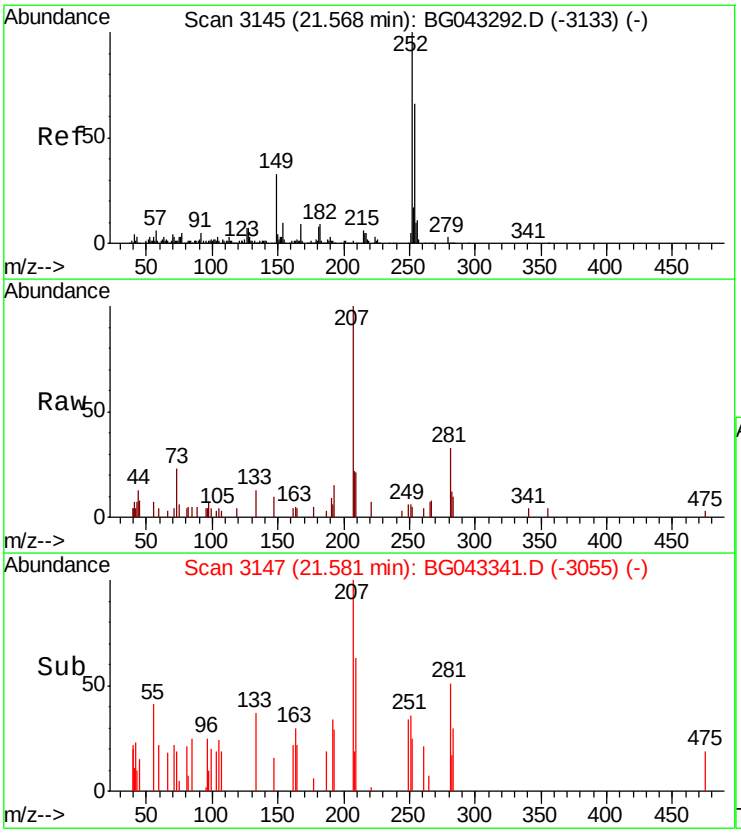
#81
Benzo(a)anthracene
Concen: 0.039 ng
RT: 21.66 min Scan# 3161
Delta R.T. 0.01 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:228 Resp: 671

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.2	33.4#
229	51.6	16.9	25.3#

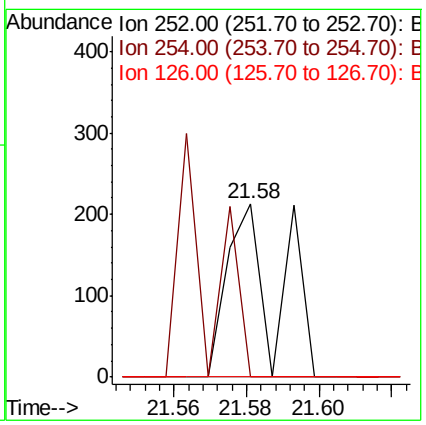


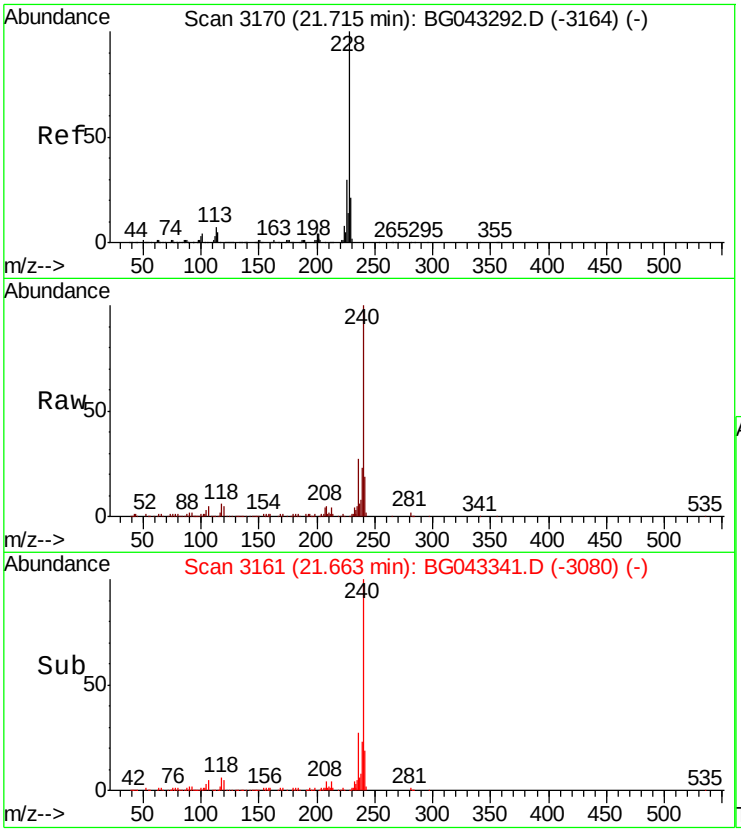


#82
3,3'-Dichlorobenzidine
Concen: 0.031 ng
RT: 21.58 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:252 Resp: 206

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.7	79.1#
126	0.0	5.6	8.4#



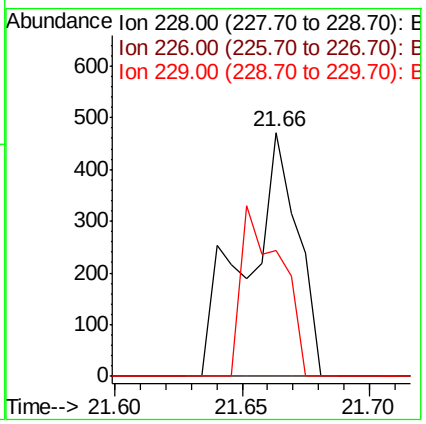


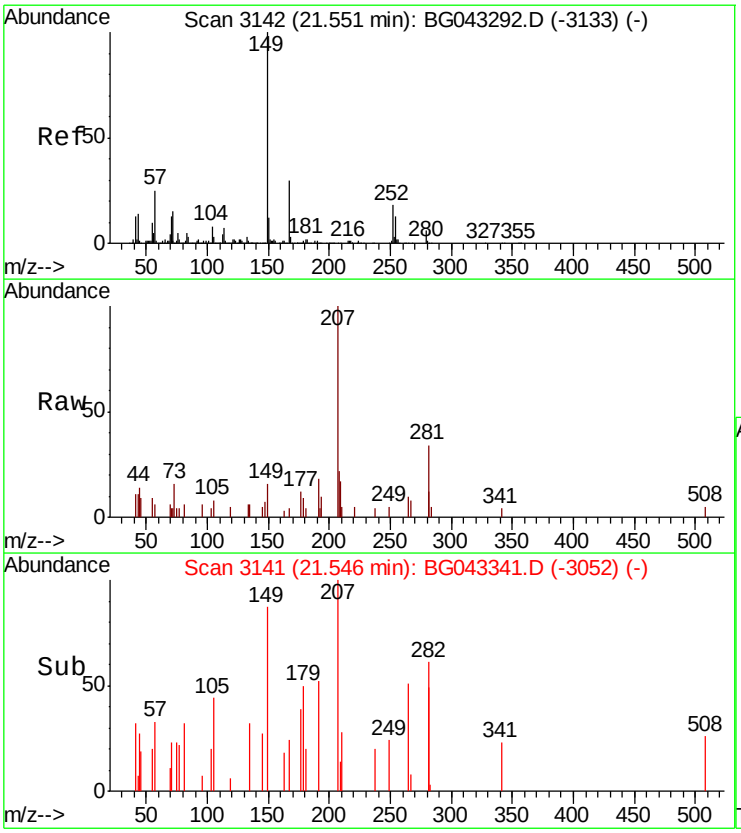
#83
Chrysene
Concen: 0.039 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.05 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:228 Resp: 671

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.8	35.8#
229	51.6	16.3	24.5#

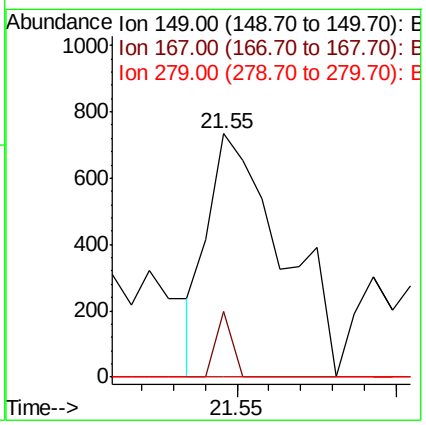


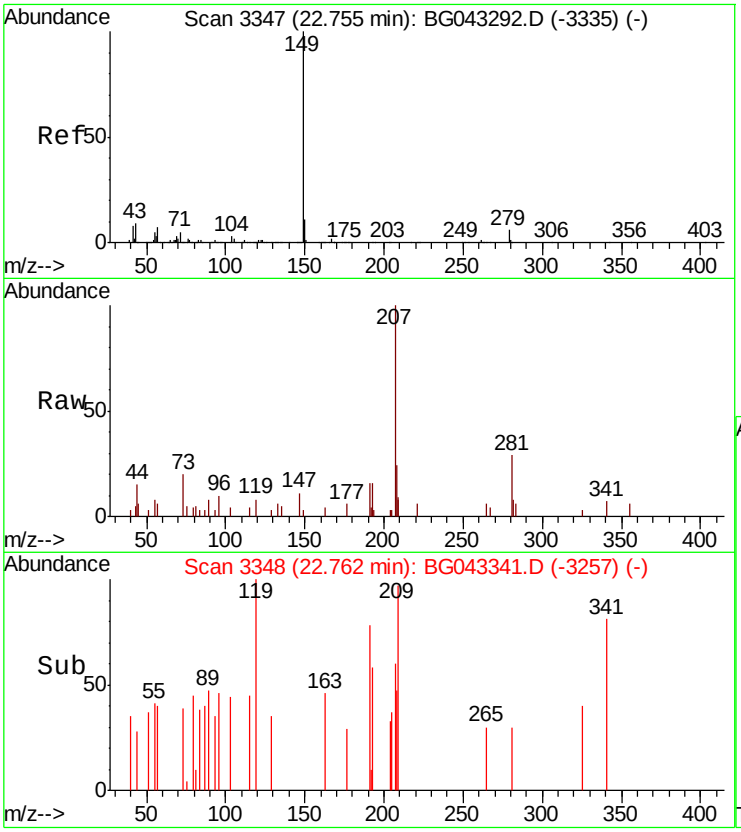


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.130 ng
RT: 21.55 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:149 Resp: 1194

Ion	Ratio	Lower	Upper
149	100		
167	27.2	23.9	35.9
279	0.0	4.8	7.2#



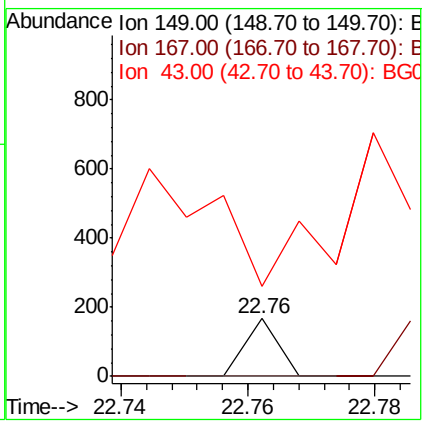


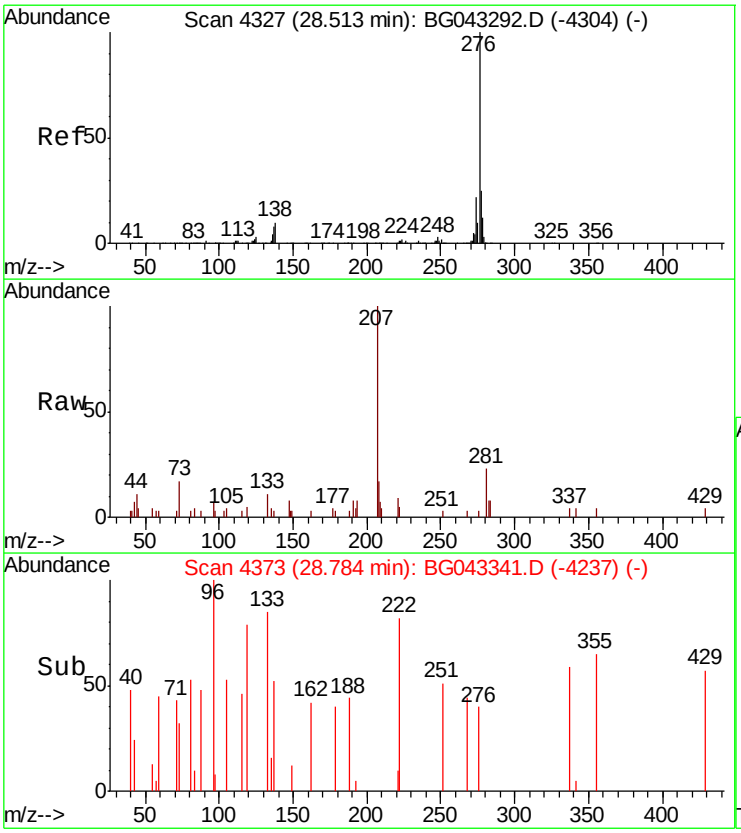
#85
Di-n-octyl phthalate
Concen: 0.004 ng
RT: 22.76 min Scan# 3348
Delta R.T. 0.01 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument : BNA_G
ClientSampleId : PB124157BL

Tgt Ion:149 Resp: 59

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	530.5	6.9	10.3#

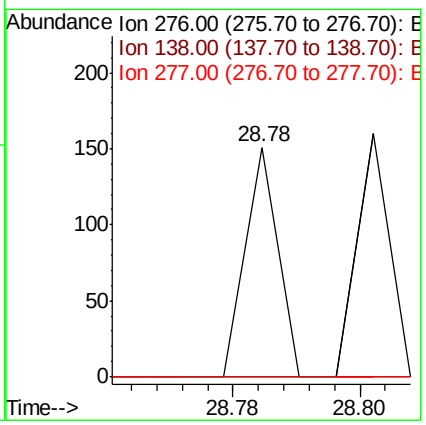


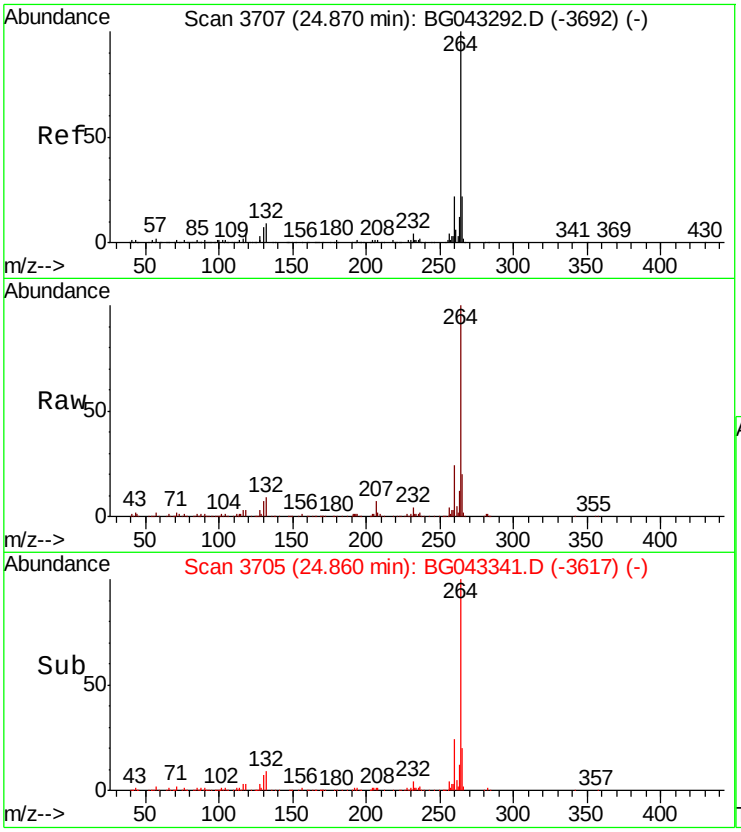


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 28.78 min Scan# 4373
Delta R.T. 0.27 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:276 Resp: 53

Ion	Ratio	Lower	Upper
276	100		
138	0.0	7.2	10.8#
277	0.0	20.9	31.3#



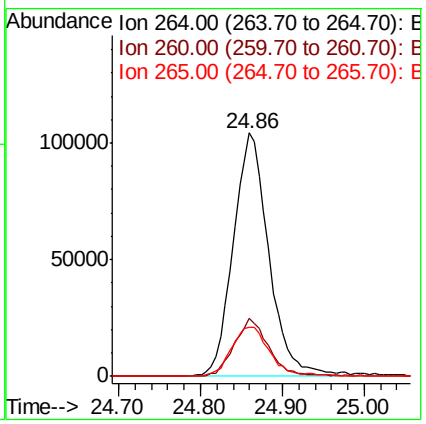


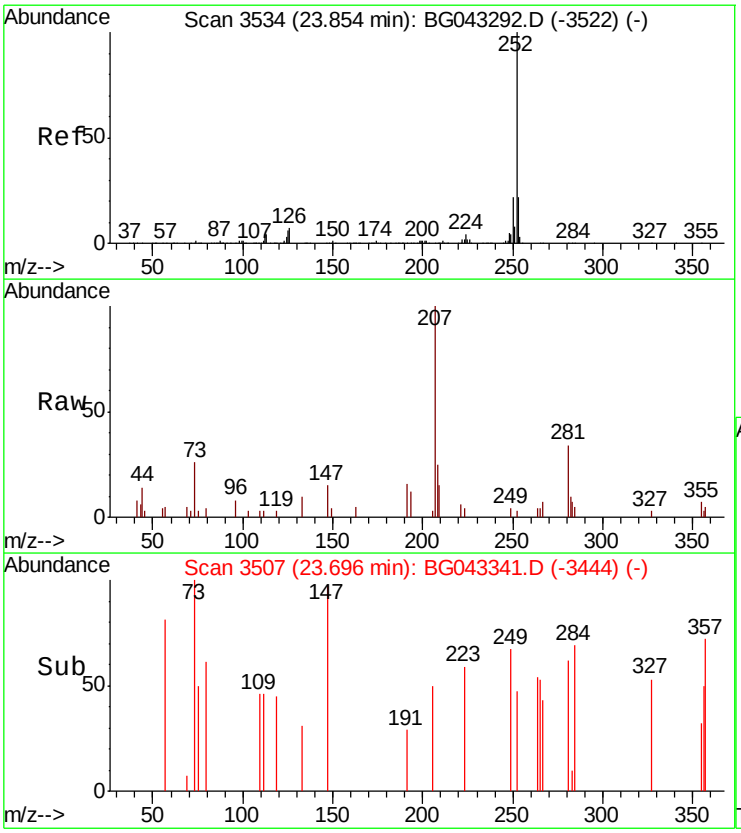
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:264 Resp: 313934

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.9	26.9
265	20.4	17.4	26.2

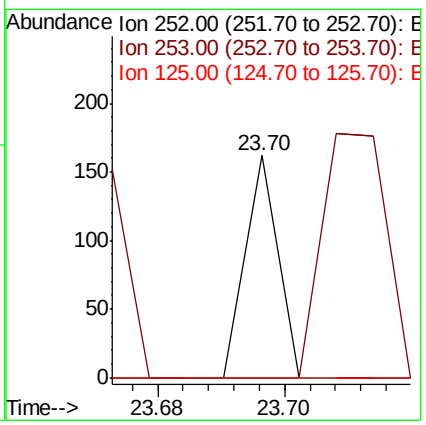


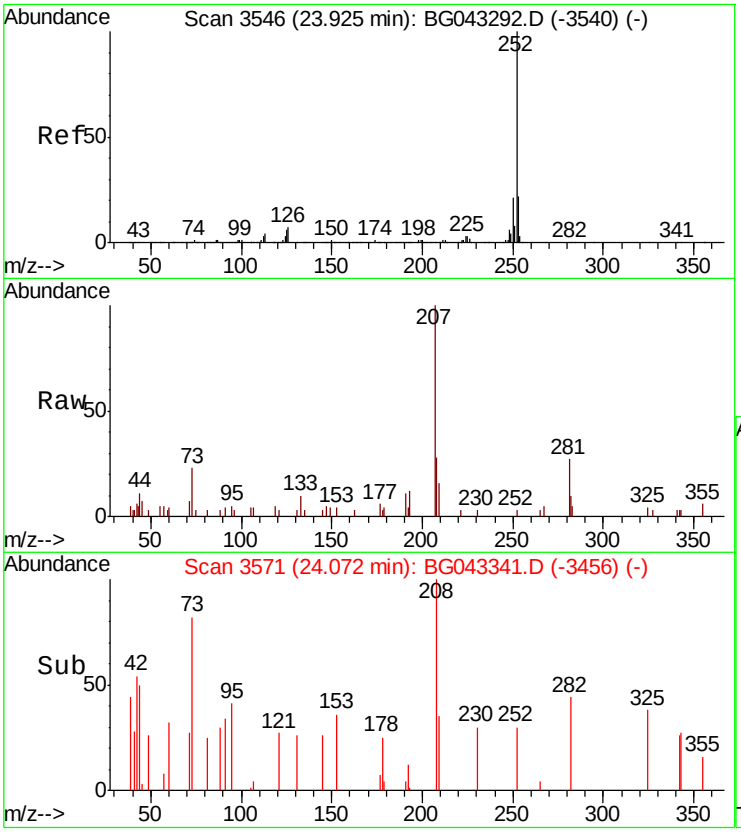


#88
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 23.70 min Scan# 3507
Delta R.T. -0.16 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:252 Resp: 57

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	5.0	7.6#



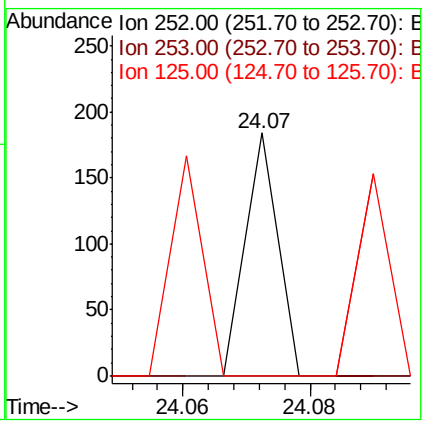


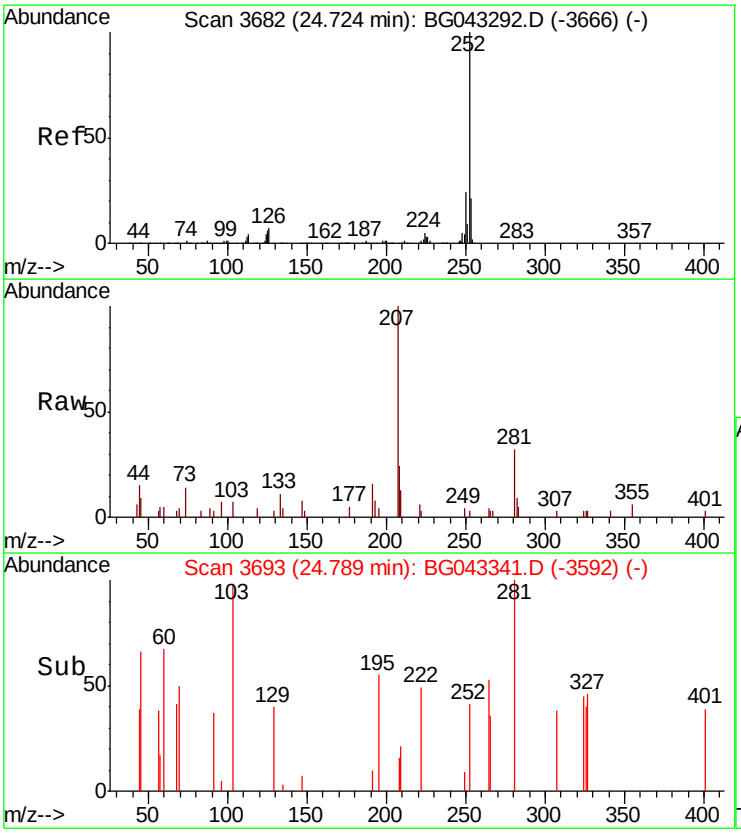
#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 24.07 min Scan# 3571
Delta R.T. 0.15 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:252 Resp: 65

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.6	26.4#
125	0.0	4.5	6.7#

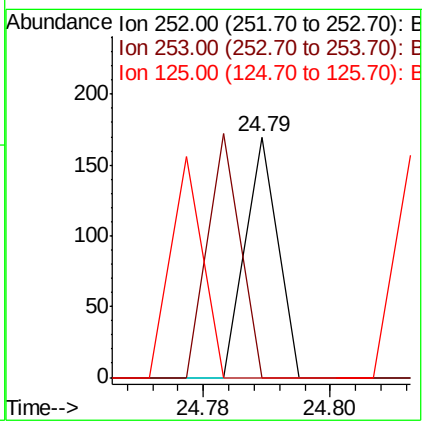


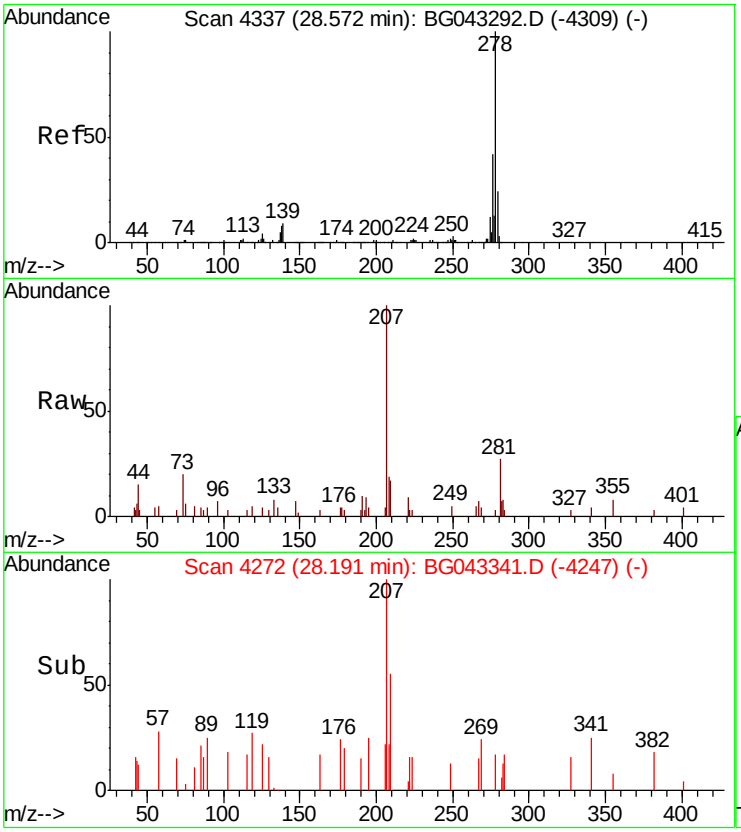


#90
Benzo(a)pyrene
Concen: 0.004 ng
RT: 24.79 min Scan# 3693
Delta R.T. 0.07 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:252 Resp: 60

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.2	25.8#
125	0.0	5.0	7.6#



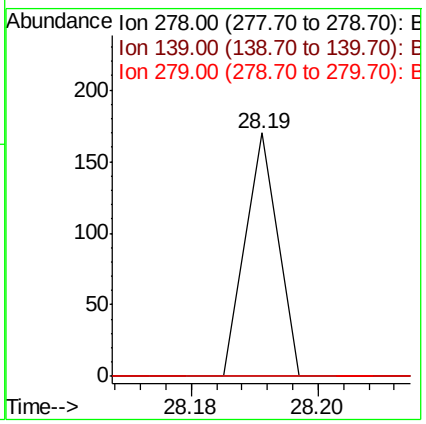


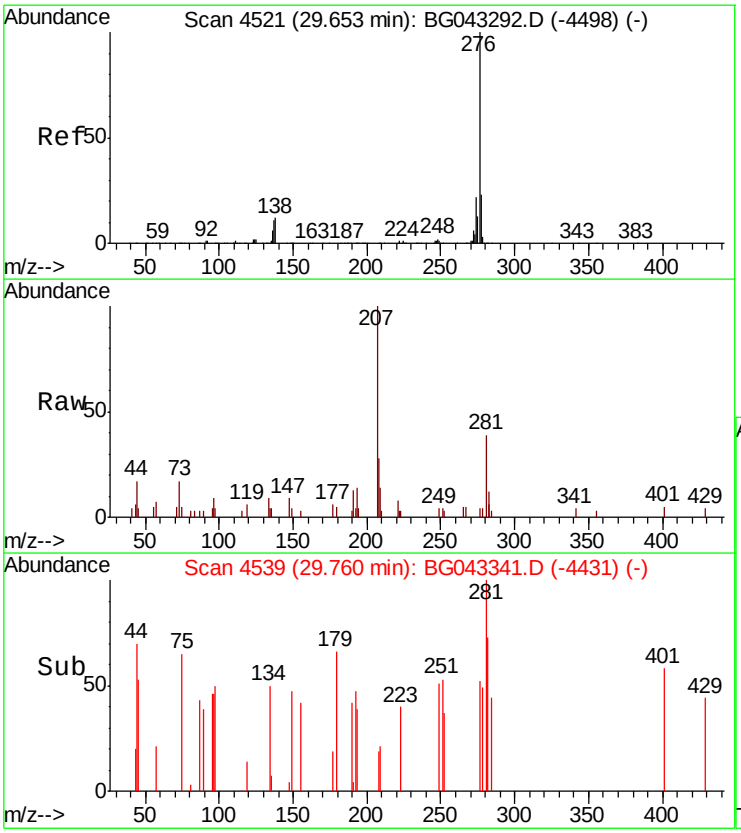
#91
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 28.19 min Scan# 4272
Delta R.T. -0.38 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Instrument :
BNA_G
ClientSampleId :
PB124157BL

Tgt Ion:278 Resp: 60

Ion	Ratio	Lower	Upper
278	100		
139	0.0	6.8	10.2#
279	0.0	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 0.008 ng
RT: 29.76 min Scan# 4539
Delta R.T. 0.11 min
Lab File: BG043341.D
Acq: 25 Oct 2019 16:06

Tgt Ion:276 Resp: 135

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	9.3	13.9#