Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043340.D
Acq On : 25 Oct 2019 15:28
Operator : JU
Sample : PB124305TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124305TB

Quant Time: Oct 25 16:26:19 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	41830	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	139325	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	108551	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	259616	20.00	ng	0.00
76) Chrysene-d12	21.66	240	285507	20.00	ng	0.00
87) Perylene-d12	24.86	264	331082	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	325396	142.55	ng	0.02
7) Phenol-d6	7.22	99	439557	133.83	ng	0.02
23) Nitrobenzene-d5	9.19	82	270132	99.96	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	291506	141.12	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	748792	95.32	ng	0.00
79) Terphenyl-d14	20.01	244	1502895	98.75	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.80	79	61	0.027	ng	# 1
4) n-Nitrosodimethylamine	3.81	42	836	0.738	ng	# 1
6) Aniline	7.57	93	603	0.159	ng	# 1
9) Benzaldehyde	7.21	77	912	0.565	ng	# 7
10) Phenol	7.22	94	55	0.018	ng	# 1
11) bis(2-Chloroethyl)ether	7.57	93	603	0.260	ng	# 1
12) 1,3-Dichlorobenzene	8.04	146	53	0.017	ng	# 1
13) 1,4-Dichlorobenzene	8.04	146	53	0.017	ng	# 25
14) 1,2-Dichlorobenzene	8.04	146	53	0.017	ng	# 23
16) 2,2'-oxybis(1-Chloropropan	8.56	45	251	0.074	ng	67
18) Hexachloroethane	9.46	117	68	0.059	ng	# 1
20) 3+4-Methylphenols	8.96	107	81	0.027	ng	# 16
24) Nitrobenzene	9.22	77	53	0.021	ng	# 41
25) Isophorone	9.76	82	317	0.064	ng	# 65
26) 2-Nitrophenol	9.93	139	58	0.047	ng	# 28
28) bis(2-Chloroethoxy)methane	9.73	93	55	0.020	ng	# 51
30) 1,2,4-Trichlorobenzene	10.79	180	53	0.018	ng	# 11
31) Naphthalene	10.88	128	61	0.009	ng	# 68
34) Hexachlorobutadiene	11.42	225	79	0.037	ng	# 16
35) Caprolactam	11.80	113	59	0.075	ng	# 1
36) 4-Chloro-3-methylphenol	12.46	107	93	0.037	ng	# 20
46) 1,1'-Biphenyl	13.49	154	693	0.084	ng	# 27
48) 2-Nitroaniline	13.27	65	951	0.506	ng	# 7
49) Acenaphthylene	14.78	152	58	0.006	ng	# 59
52) Acenaphthene	14.65	154	357	0.060	ng	# 4
55) Dibenzofuran	15.32	168	62	0.006	ng	# 43
56) 4-Nitrophenol	14.88	139	57	0.048	ng	# 2
58) Fluorene	16.15	166	7550	0.931	ng	# 85
62) 4-Nitroaniline	16.07	138	57	0.031	ng	# 8
63) Azobenzene	16.15	77	1013	0.148	ng	# 15
65) 4,6-Dinitro-2-methylphenol	16.14	198	694	0.454	ng	# 1
66) n-Nitrosodiphenylamine	16.15	169	7918	1.080	ng	# 52
70) Pentachlorophenol	16.62	266	59	0.032	ng	# 20
71) Phenanthrene	17.44	178	60	0.005	ng	# 59

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043340.D
Acq On : 25 Oct 2019 15:28
Operator : JU
Sample : PB124305TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124305TB

Quant Time: Oct 25 16:26:19 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)
72) Anthracene	17.44	178	60	0.005	ng	#	60
74) Di-n-butylphthalate	18.36	149	859	0.059	ng	#	77
75) Fluoranthene	19.82	202	57	0.003	ng		65
77) Benzidine	19.69	184	1678	0.292	ng	#	63
78) Pyrene	20.01	202	5179	0.293	ng	#	71
80) Butylbenzylphthalate	20.70	149	137	0.020	ng	#	74
81) Benzo(a)anthracene	21.66	228	693	0.039	ng	#	61
82) 3,3'-Dichlorobenzidine	21.56	252	151	0.022	ng	#	23
83) Chrysene	21.66	228	693	0.039	ng	#	58
84) Bis(2-ethylhexyl)phthalate	21.55	149	741	0.078	ng	#	91
85) Di-n-octyl phthalate	22.76	149	549	0.034	ng	#	1
88) Benzo(b)fluoranthene	23.85	252	53	0.003	ng	#	60
89) Benzo(k)fluoranthene	23.92	252	70	0.004	ng	#	60
90) Benzo(a)pyrene	24.81	252	77	0.004	ng	#	61
91) Dibenzo(a,h)anthracene	28.68	278	60	0.003	ng	#	58
92) Benzo(g,h,i)perylene	29.92	276	62	0.003	ng	#	58

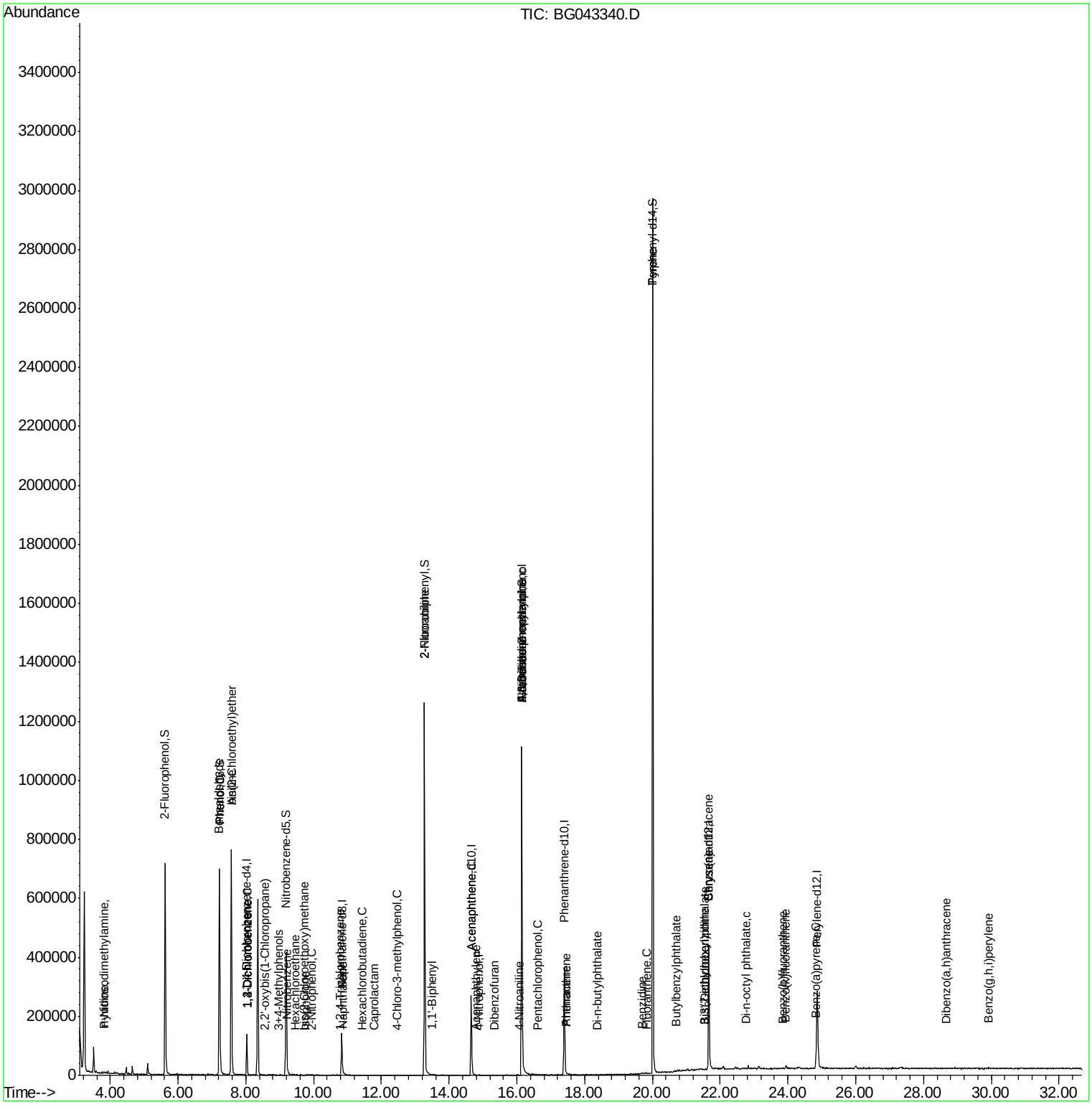
(#) = qualifier out of range (m) = manual integration (+) = signals summed

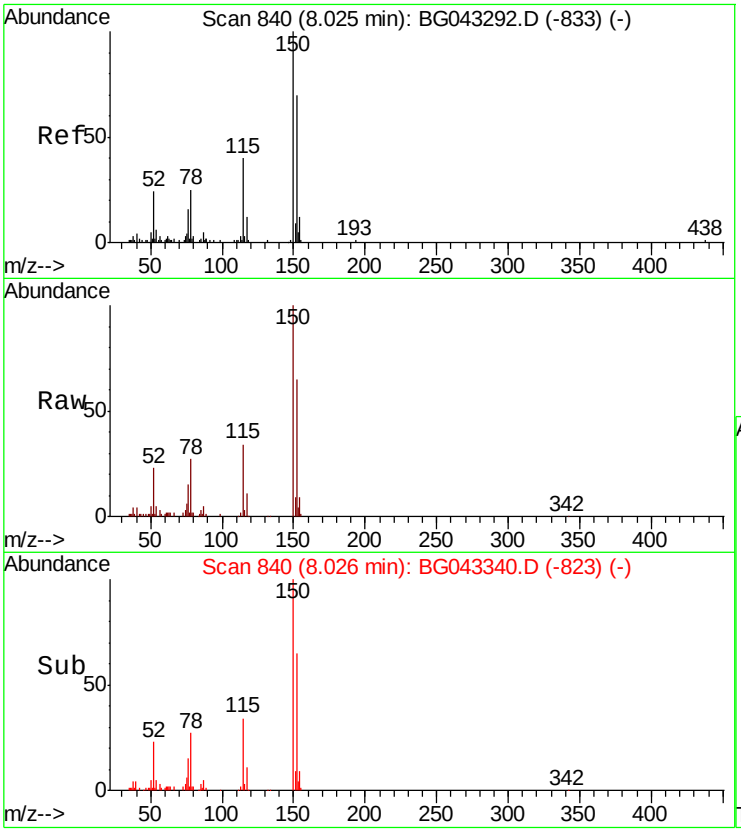
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043340.D
Acq On : 25 Oct 2019 15:28
Operator : JU
Sample : PB124305TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Quant Time: Oct 25 16:26:19 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



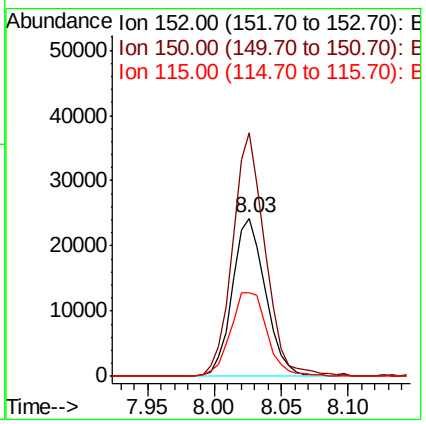


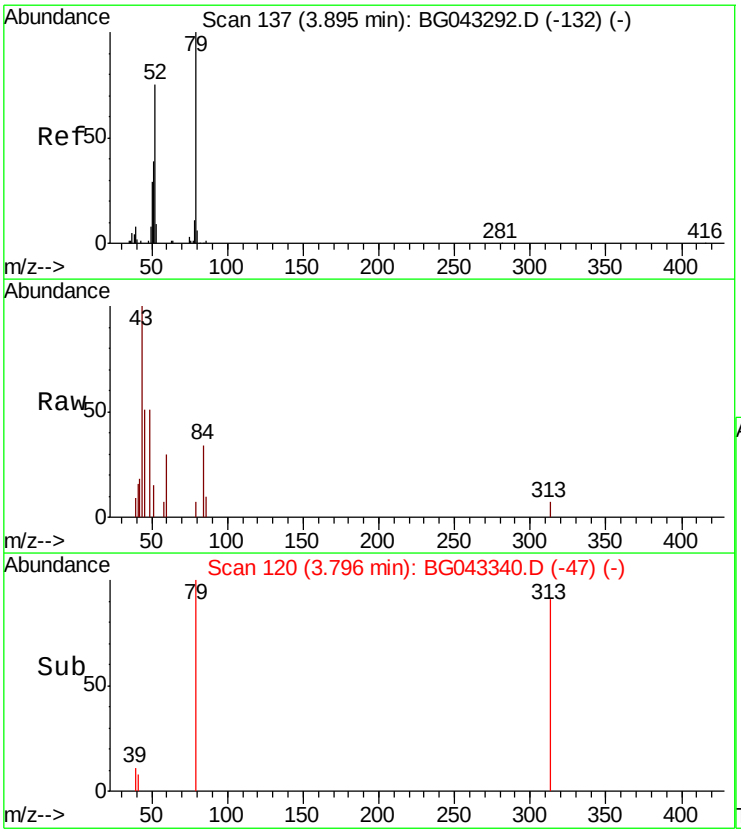
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:152 Resp: 41830

Ion	Ratio	Lower	Upper
152	100		
150	154.2	113.6	170.4
115	52.7	45.9	68.9

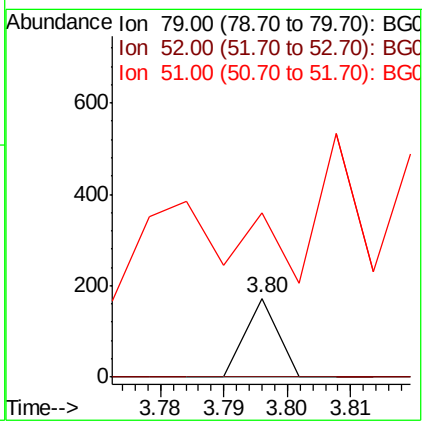


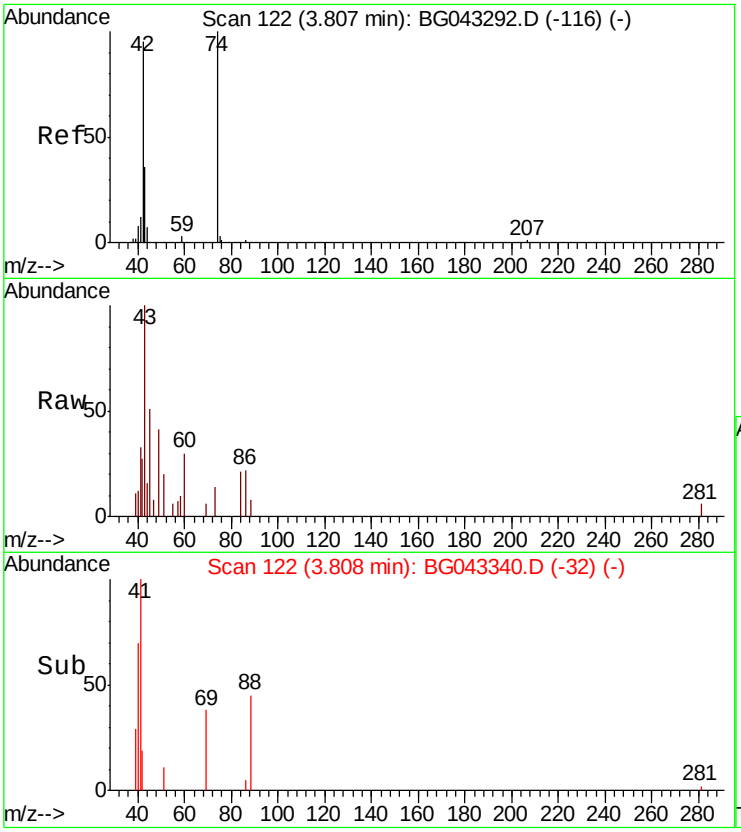


#3
Pyridine
Concen: 0.027 ng
RT: 3.80 min Scan# 120
Delta R.T. -0.10 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion: 79 Resp: 61

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.7	89.5#
51	208.7	31.8	47.6#



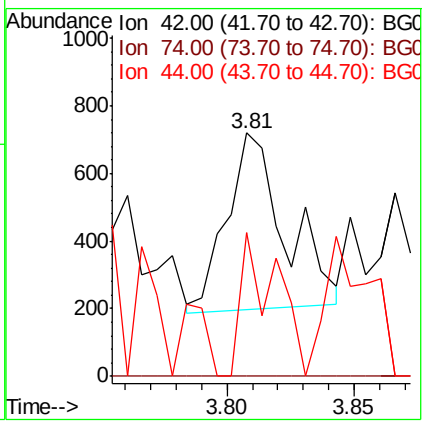


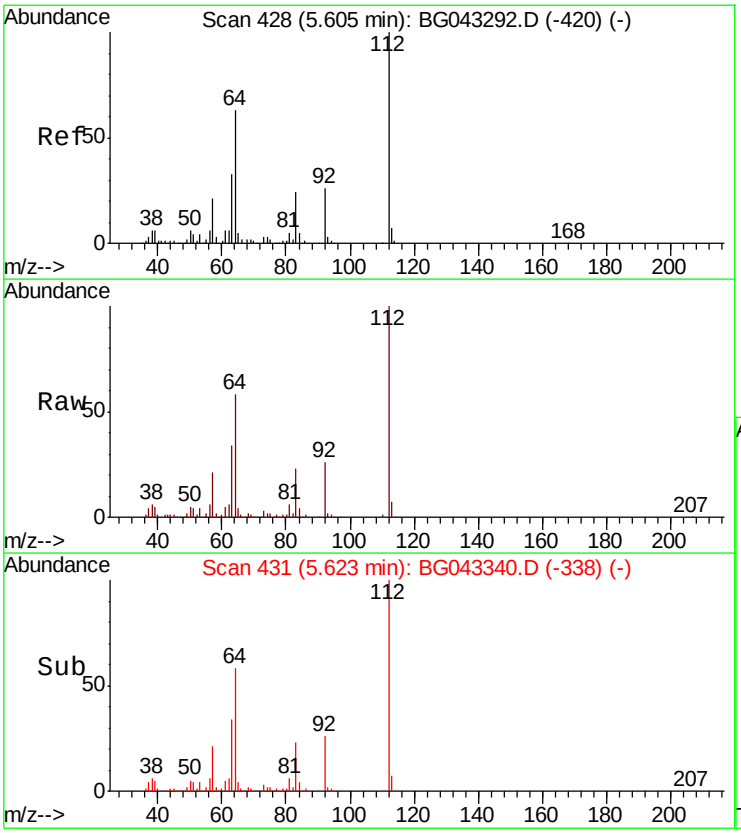
#4
n-Nitrosodimethylamine
Concen: 0.738 ng
RT: 3.81 min Scan# 122
Delta R.T. 0.00 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion: 42 Resp: 836

Ion	Ratio	Lower	Upper
42	100		
74	0.0	84.2	126.2#
44	59.0	6.0	9.0#

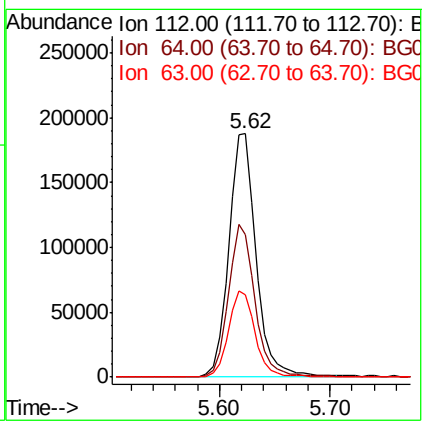


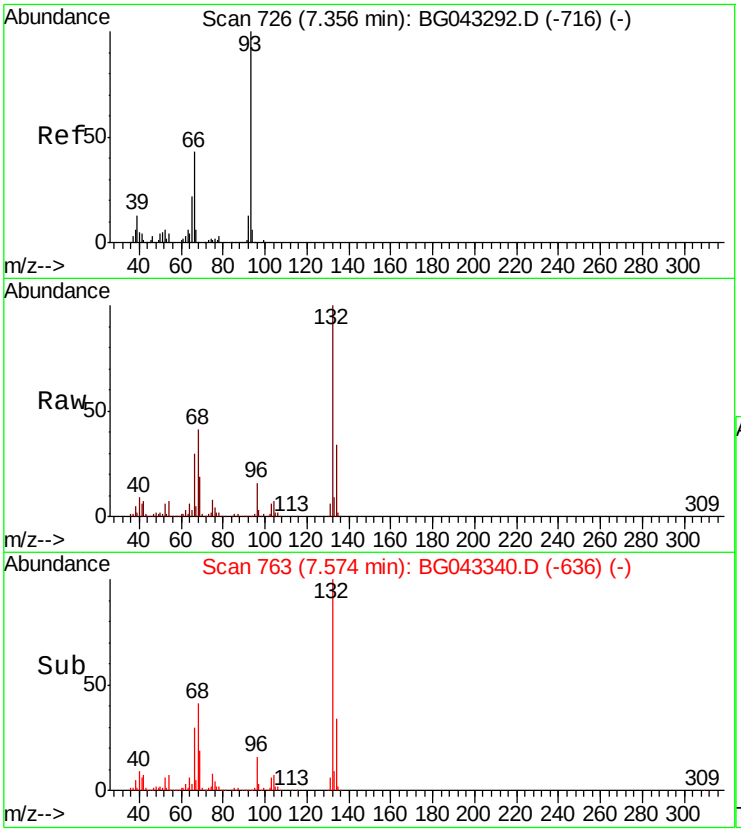


#5
2-Fluorophenol
Concen: 142.546 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.02 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:112 Resp: 325396

Ion	Ratio	Lower	Upper
112	100		
64	58.3	50.2	75.2
63	34.1	26.7	40.1



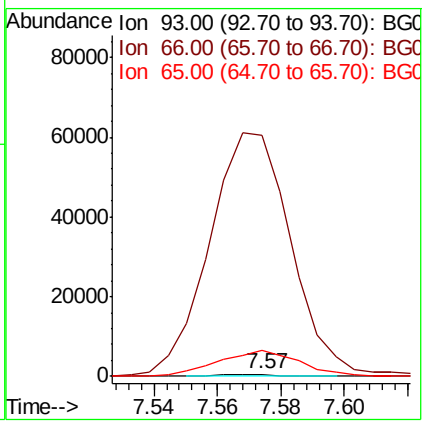


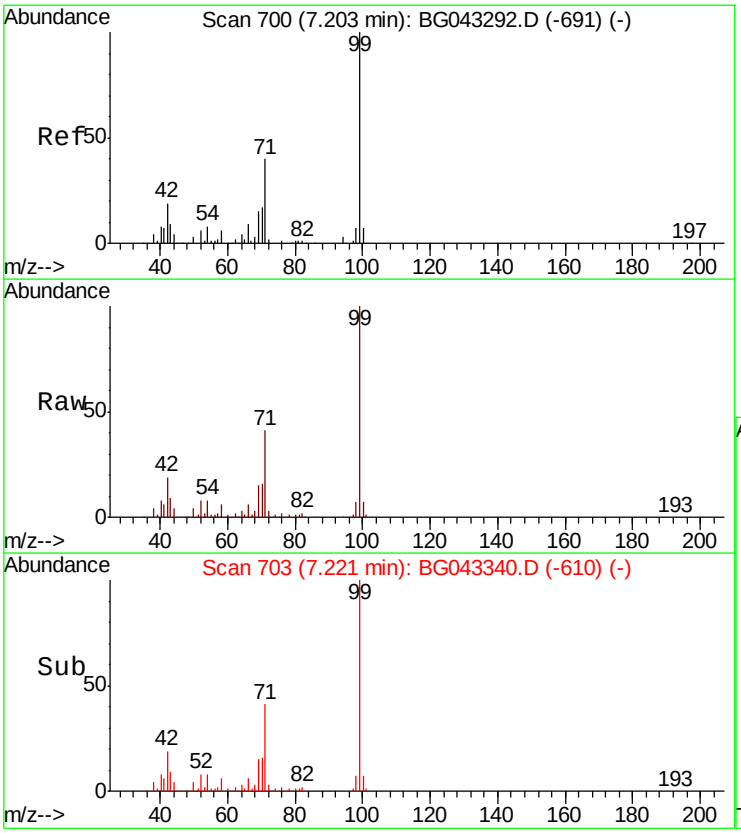
#6
Aniline
Concen: 0.159 ng
RT: 7.57 min Scan# 763
Delta R.T. 0.22 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion: 93 Resp: 603

Ion	Ratio	Lower	Upper
93	100		
66	11560.3	34.5	51.7#
65	1239.3	18.0	27.0#

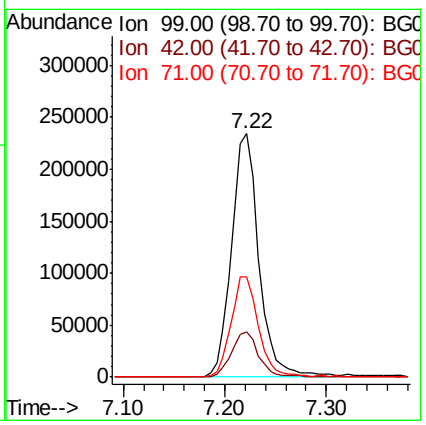


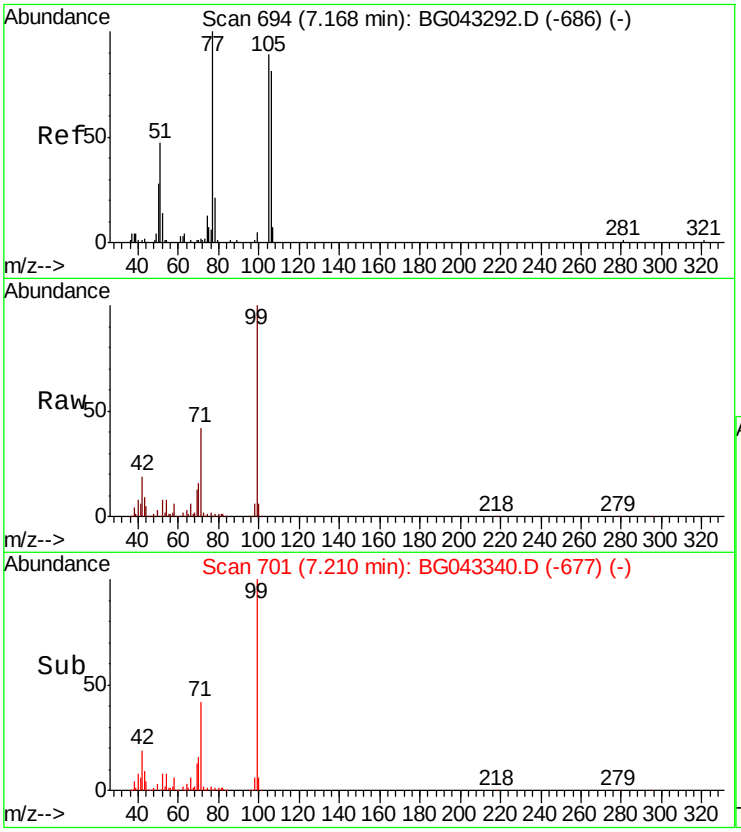


#7
Phenol-d6
Concen: 133.835 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.02 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion: 99 Resp: 439557

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.9	22.3
71	41.3	32.2	48.2



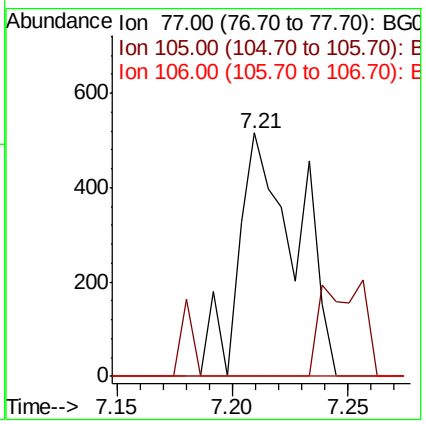


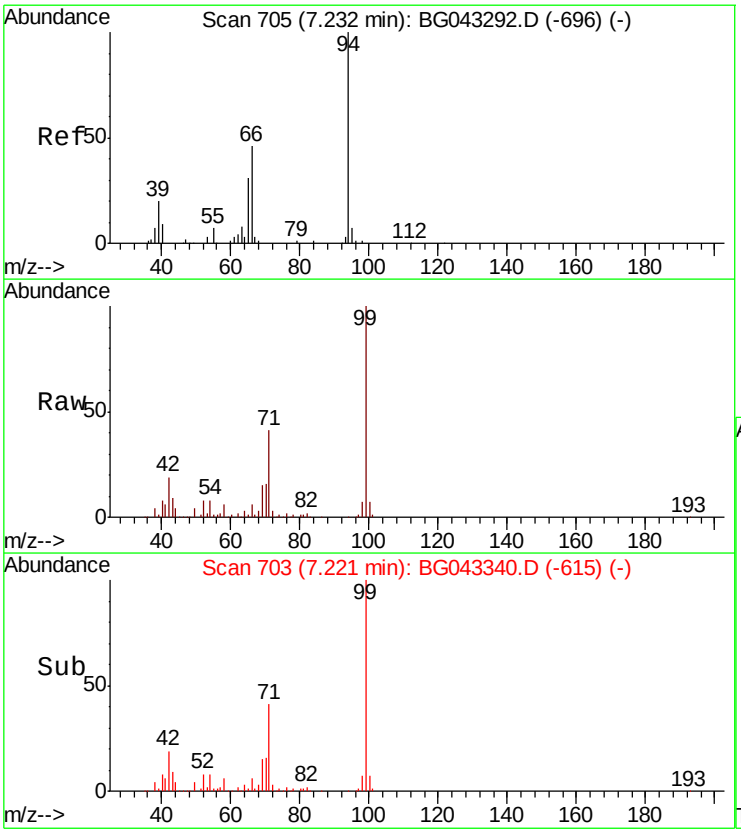
#9
Benzaldehyde
Concen: 0.565 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.04 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion: 77 Resp: 912

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

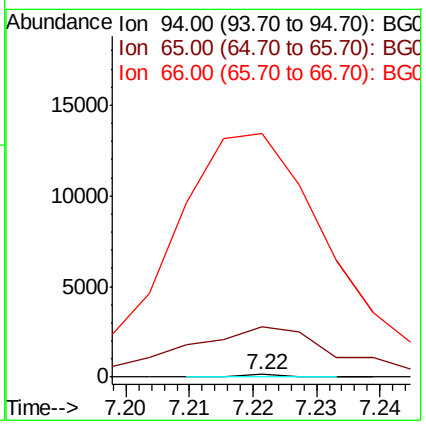


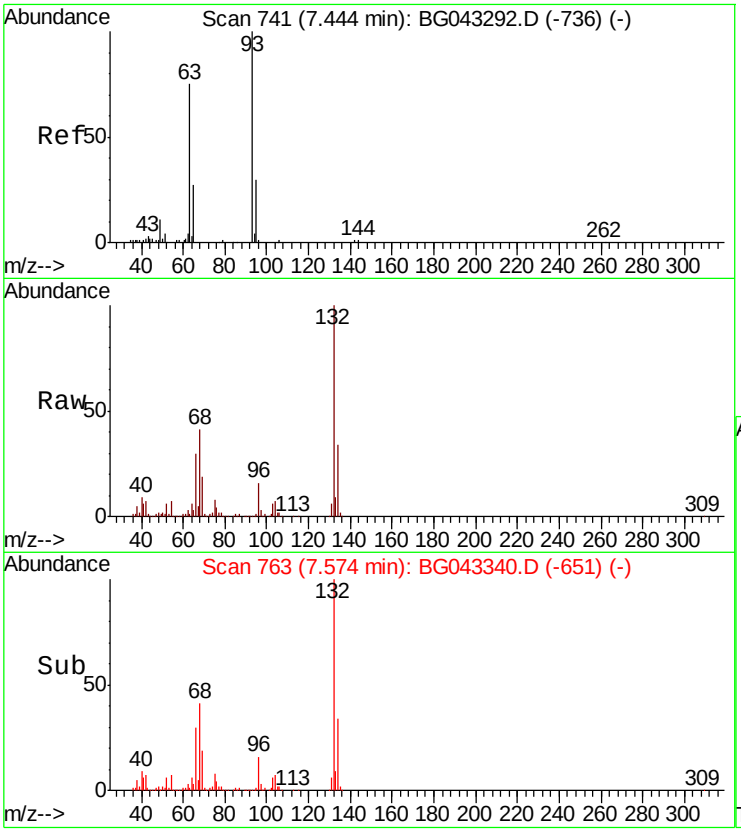


#10
Phenol
Concen: 0.018 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.01 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion: 94 Resp: 55

Ion	Ratio	Lower	Upper
94	100		
65	1758.6	11.1	51.1#
66	8556.7	27.8	67.8#



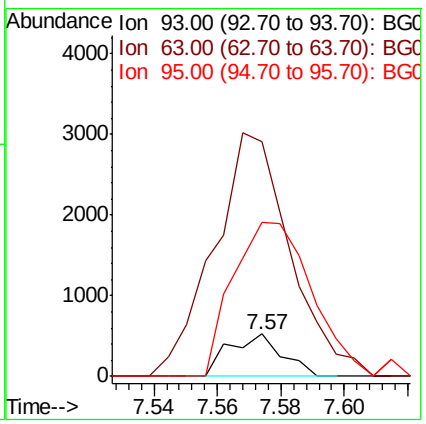


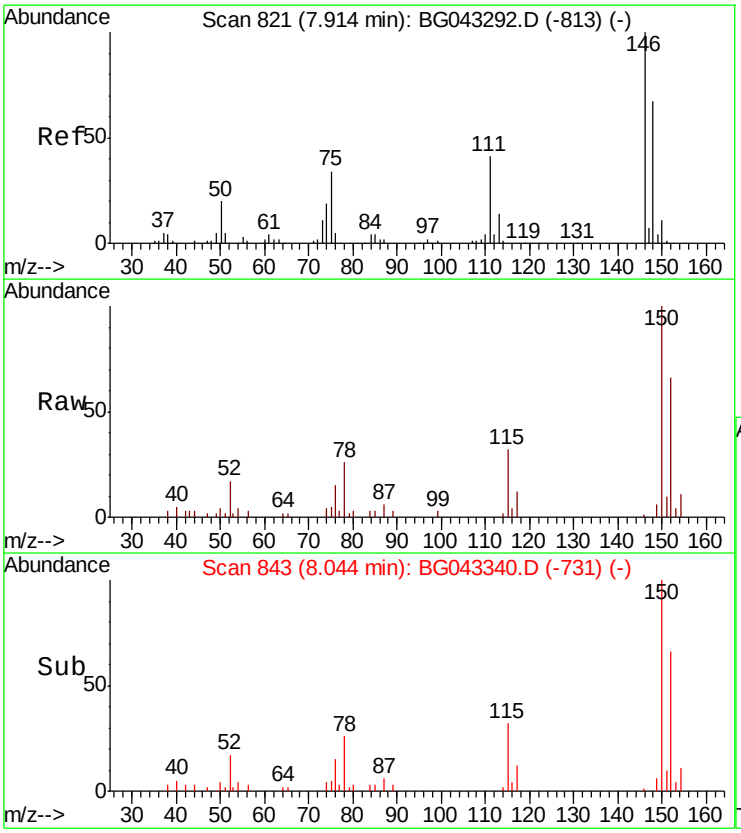
#11
bis(2-Chloroethyl)ether
Concen: 0.260 ng
RT: 7.57 min Scan# 763
Delta R.T. 0.13 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion: 93 Resp: 603

Ion	Ratio	Lower	Upper
93	100		
63	555.9	54.6	94.6#
95	363.7	9.7	49.7#

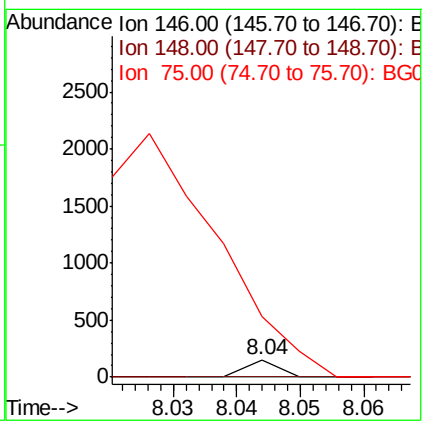


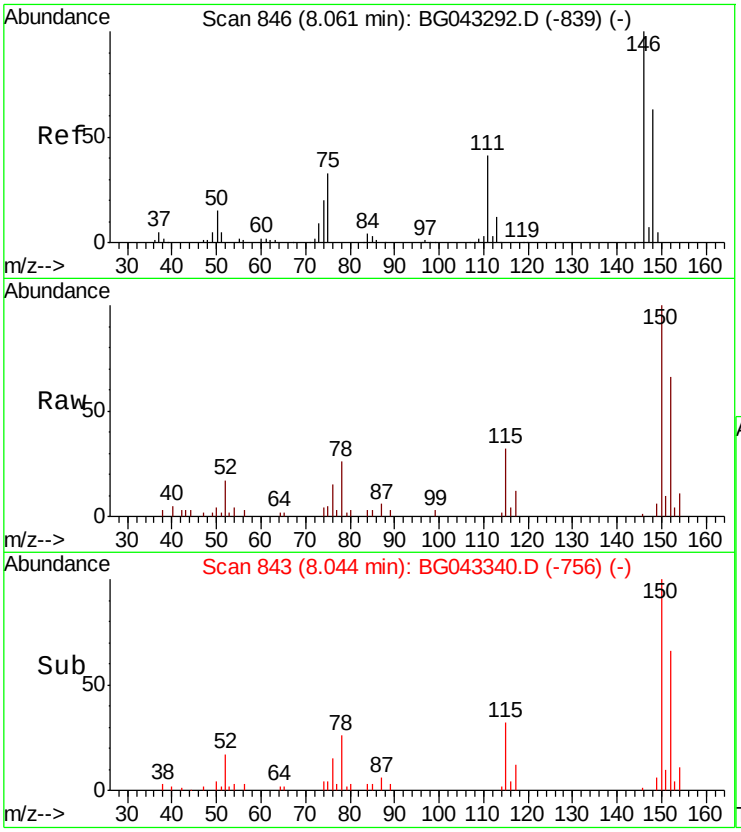


#12
1,3-Dichlorobenzene
Concen: 0.017 ng
RT: 8.04 min Scan# 843
Delta R.T. 0.13 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:146 Resp: 53

Ion	Ratio	Lower	Upper
146	100		
148	0.0	53.4	80.2#
75	354.3	27.0	40.4#



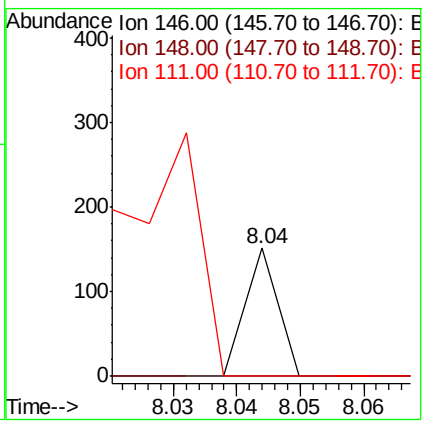


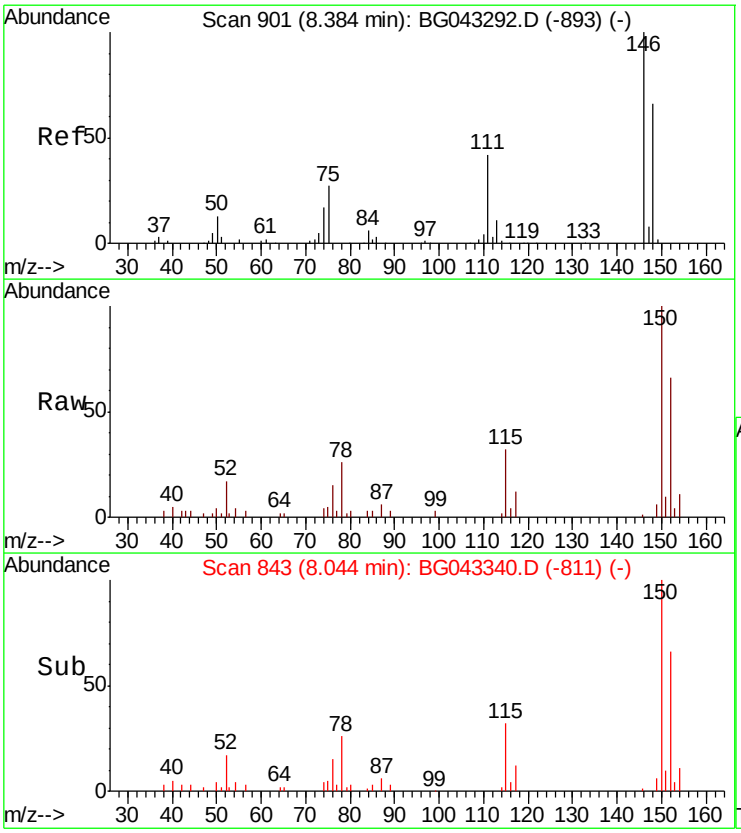
#13
1,4-Dichlorobenzene
Concen: 0.017 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:146 Resp: 53

Ion	Ratio	Lower	Upper
146	100		
148	0.0	50.7	76.1#
111	0.0	33.0	49.6#

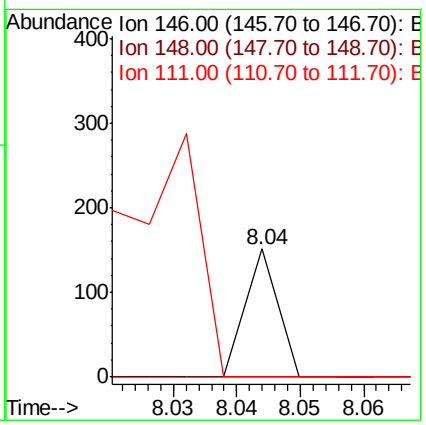


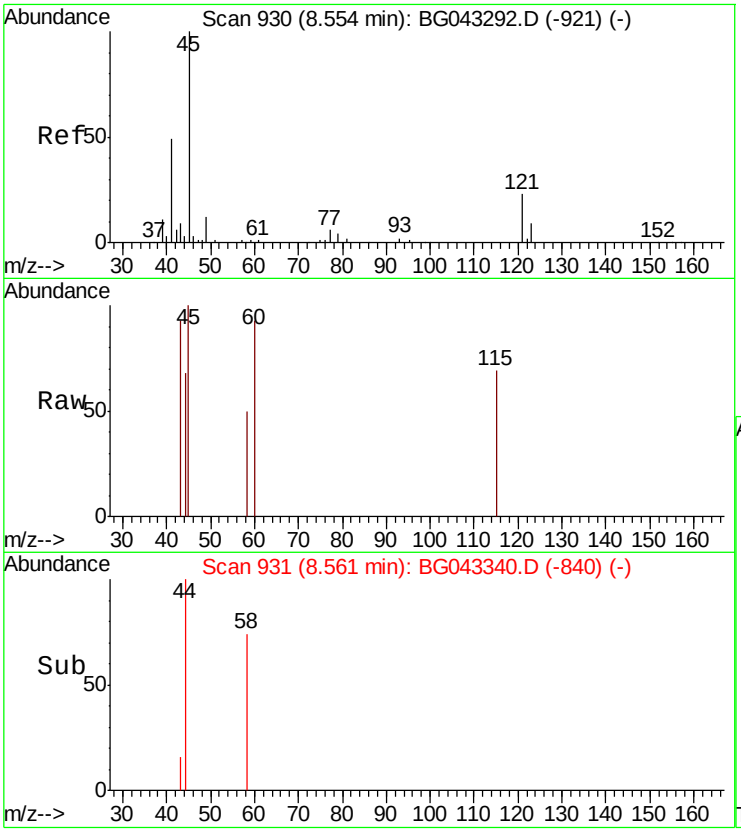


#14
1,2-Dichlorobenzene
Concen: 0.017 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.34 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:146 Resp: 53

Ion	Ratio	Lower	Upper
146	100		
148	0.0	53.0	79.4#
111	0.0	34.5	51.7#



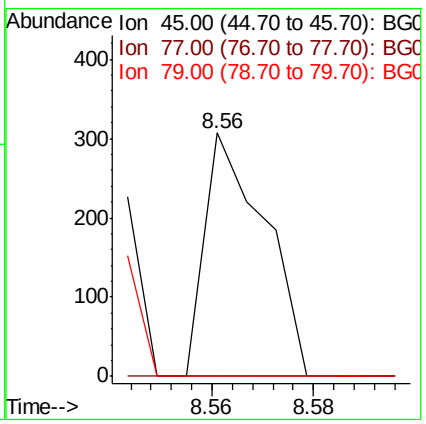


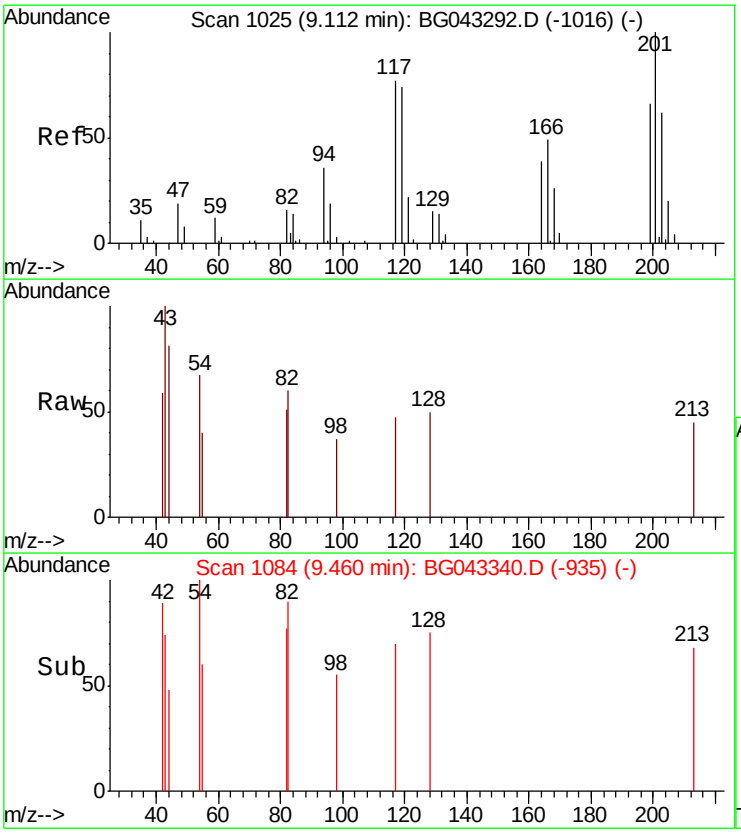
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.074 ng
RT: 8.56 min Scan# 931
Delta R.T. 0.01 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion: 45 Resp: 251

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

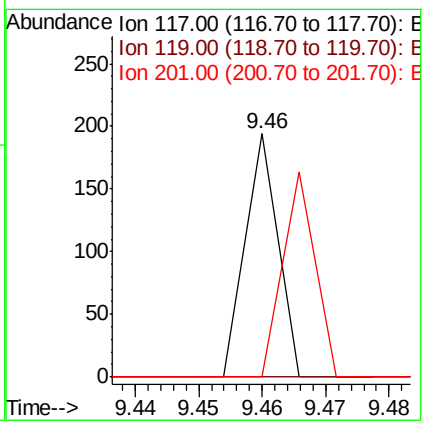


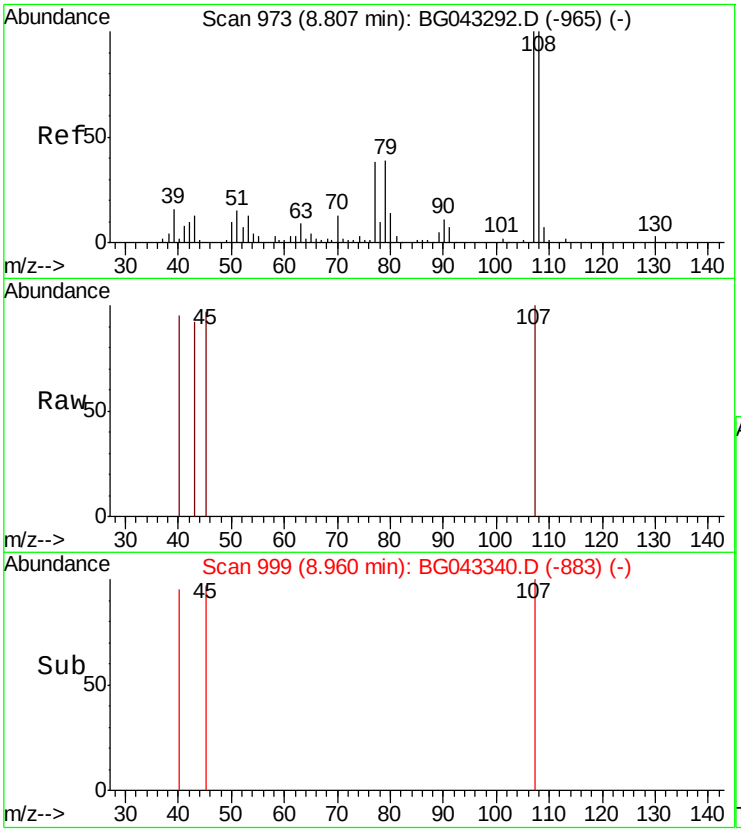


#18
Hexachloroethane
Concen: 0.059 ng
RT: 9.46 min Scan# 1084
Delta R.T. 0.35 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:117 Resp: 68

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.3	115.9#
201	0.0	104.2	156.4#



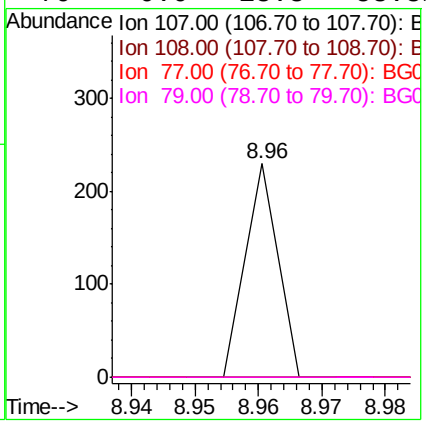


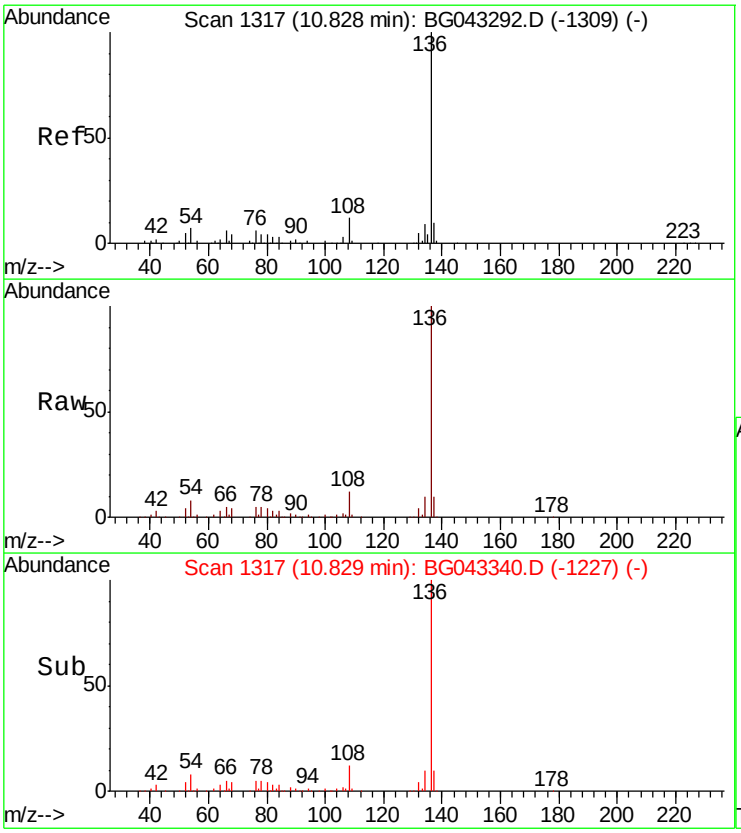
#20
3+4-Methylphenols
Concen: 0.027 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.15 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:107 Resp: 81

Ion	Ratio	Lower	Upper
107	100		
108	0.0	80.3	120.3#
77	0.0	18.2	58.2#
79	0.0	18.8	58.8#

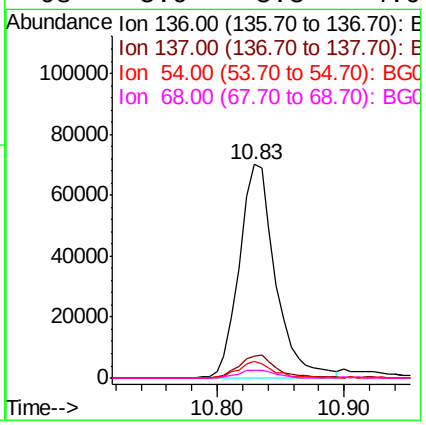


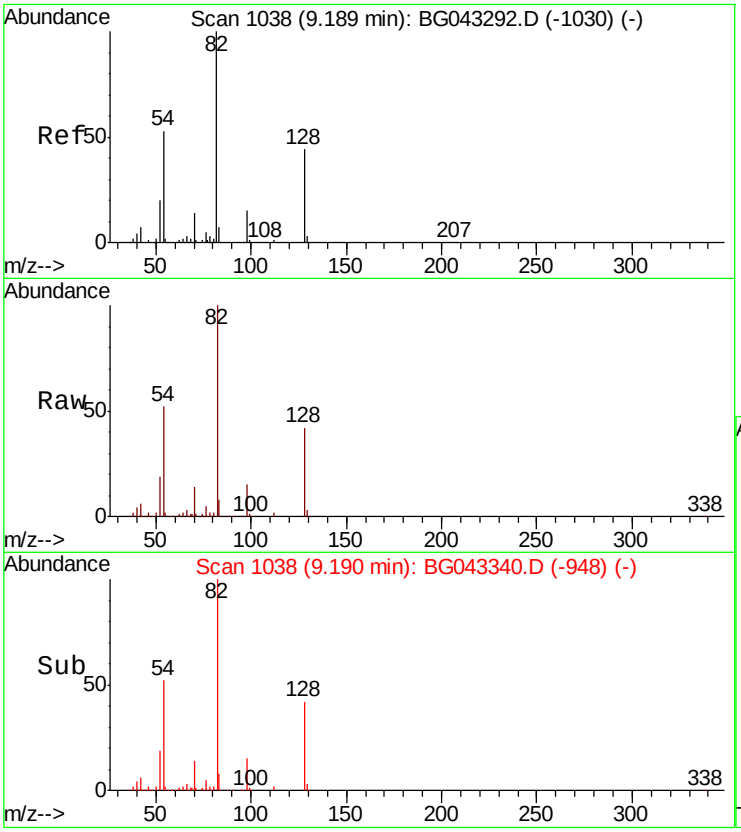


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:136 Resp: 139325

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.2
54	7.5	5.4	8.2
68	3.9	3.3	4.9



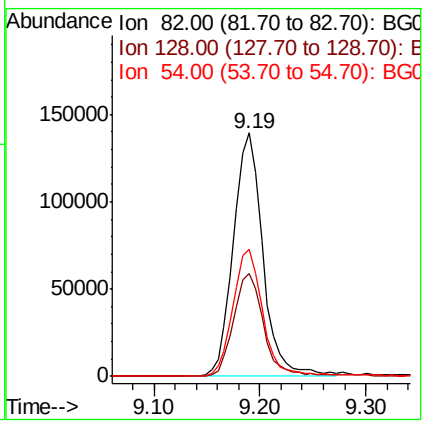


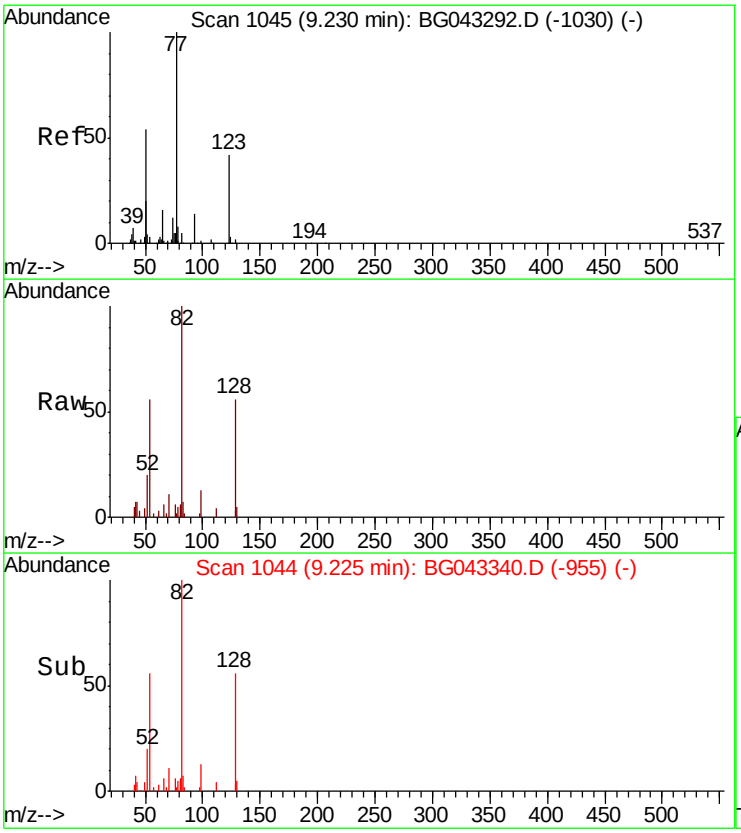
#23
Nitrobenzene-d5
Concen: 99.957 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion: 82 Resp: 270132

Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.3	52.9
54	52.0	42.3	63.5

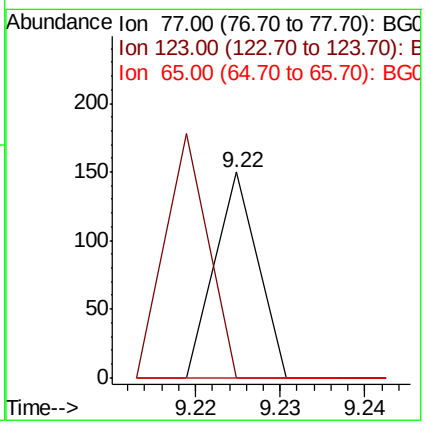


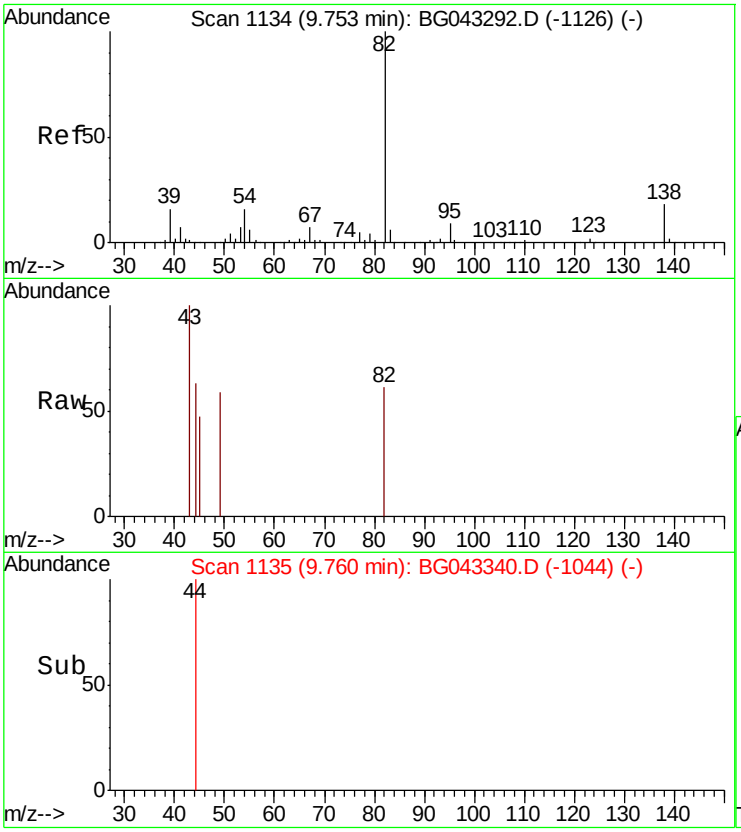


#24
Nitrobenzene
Concen: 0.021 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion: 77 Resp: 53

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



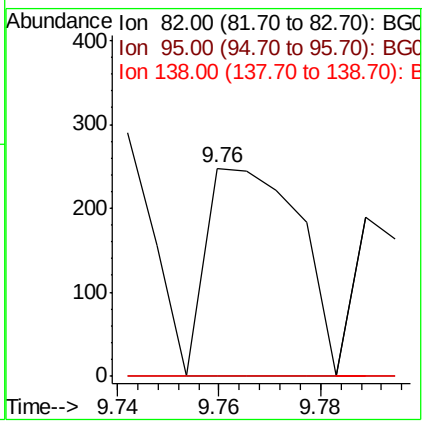


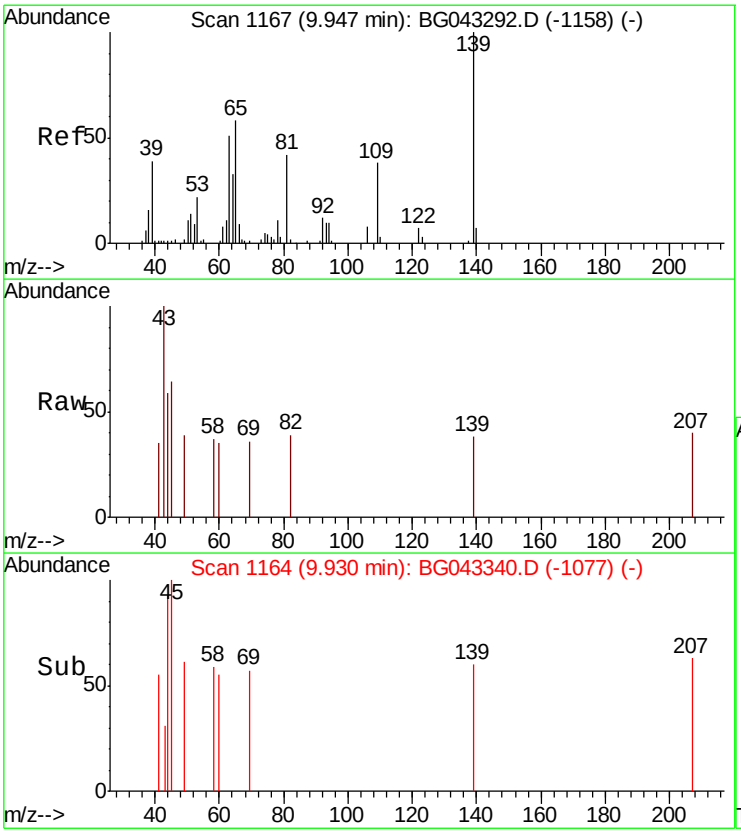
#25
Isophorone
Concen: 0.064 ng
RT: 9.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion: 82 Resp: 317

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

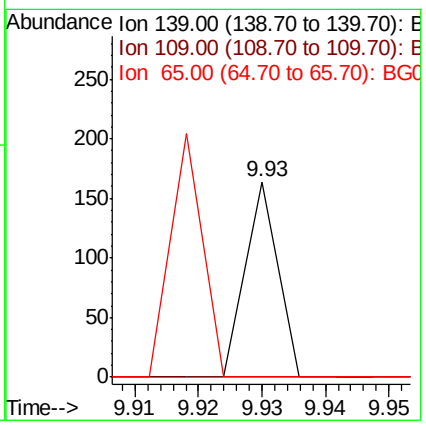


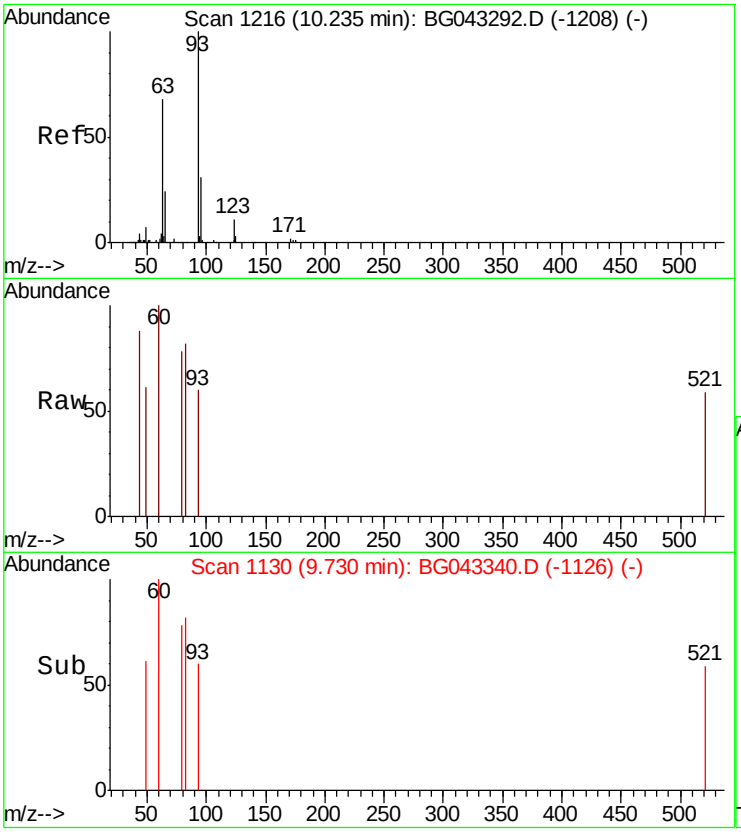


#26
2-Nitrophenol
Concen: 0.047 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:139 Resp: 58

Ion	Ratio	Lower	Upper
139	100		
109	0.0	30.1	45.1#
65	0.0	46.1	69.1#



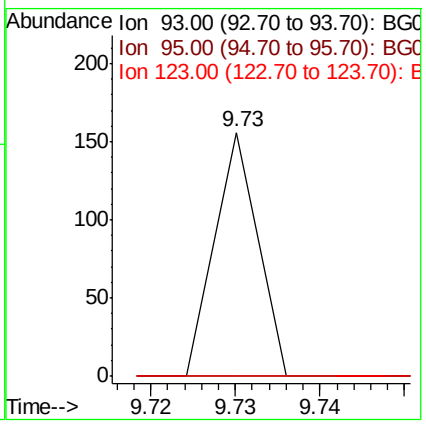


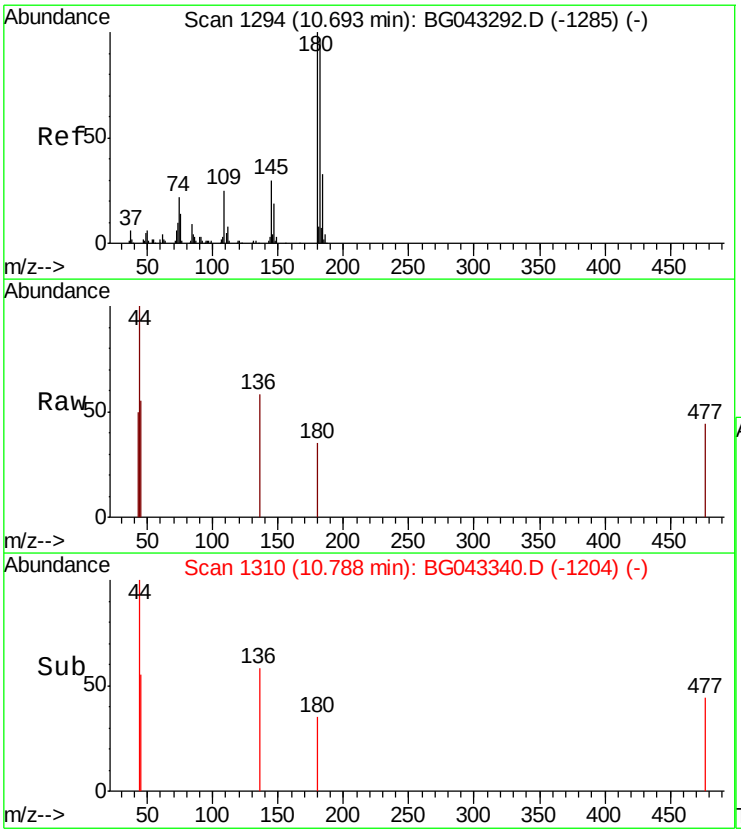
#28
bis(2-Chloroethoxy)methane
Concen: 0.020 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.50 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion: 93 Resp: 55

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

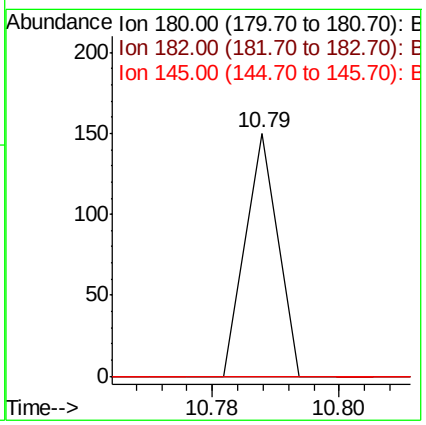


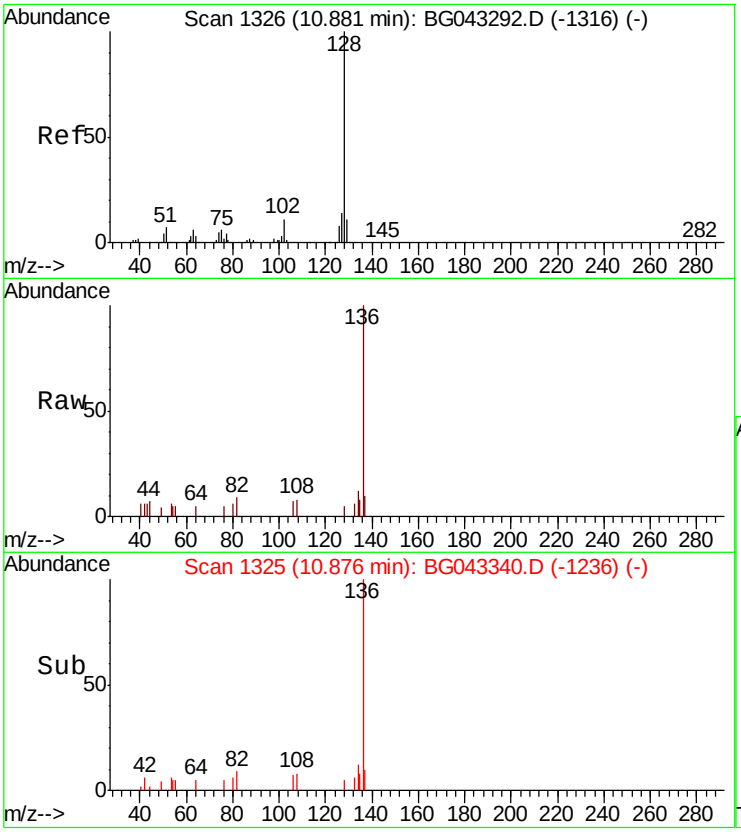


#30
1,2,4-Trichlorobenzene
Concen: 0.018 ng
RT: 10.79 min Scan# 1310
Delta R.T. 0.09 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:180 Resp: 53

Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.8	116.8#
145	0.0	23.6	35.4#



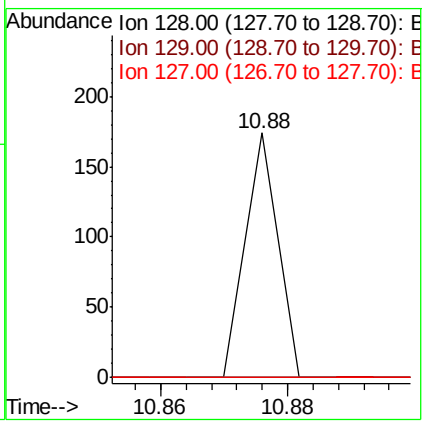


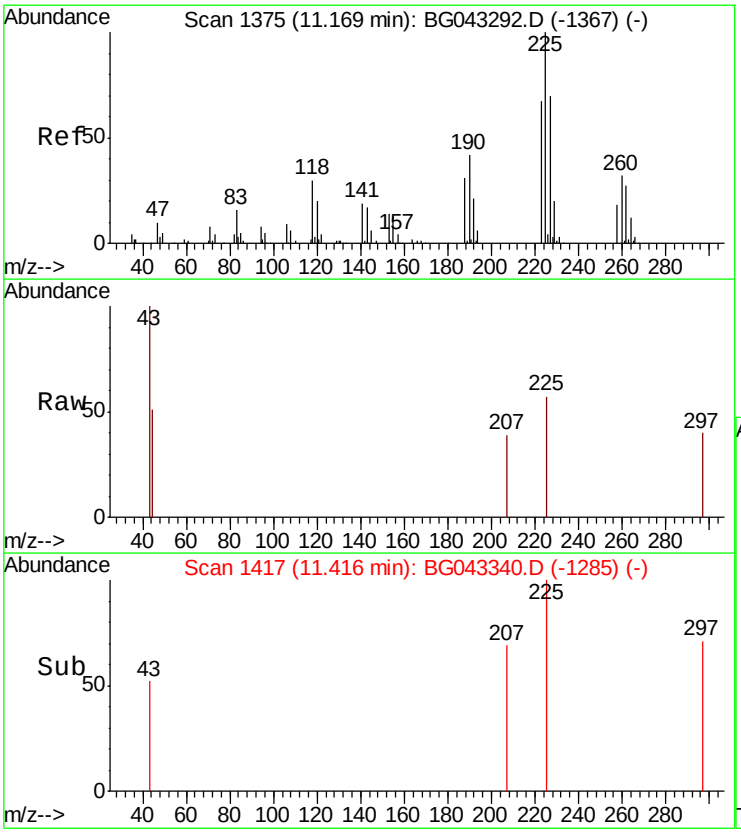
#31
Naphthalene
Concen: 0.009 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:128 Resp: 61

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8#
127	0.0	11.5	17.3#

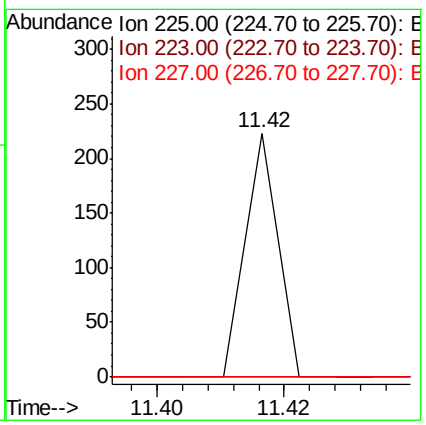


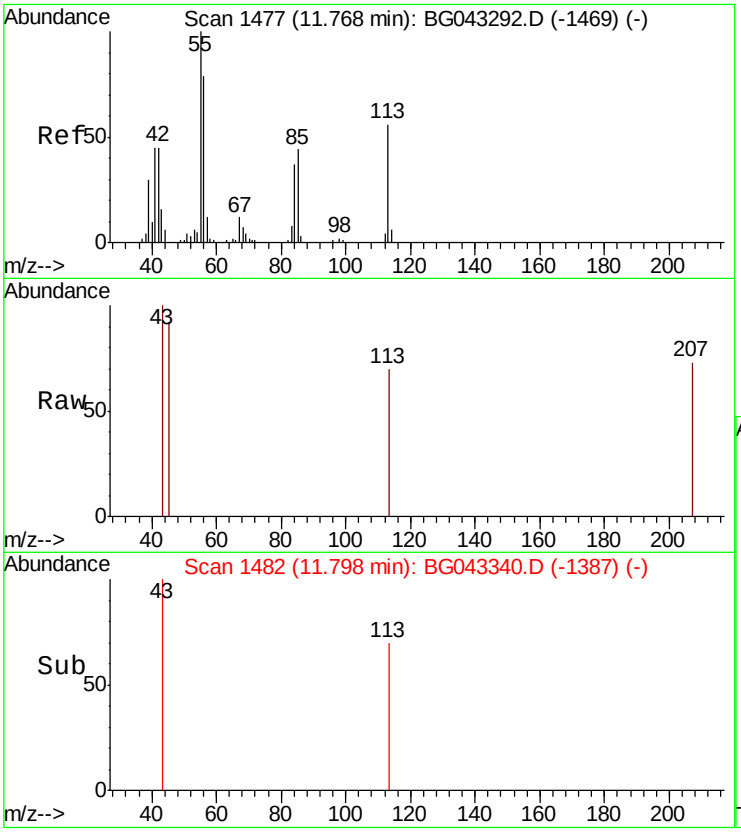


#34
Hexachlorobutadiene
Concen: 0.037 ng
RT: 11.42 min Scan# 1417
Delta R.T. 0.25 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:225 Resp: 79

Ion	Ratio	Lower	Upper
225	100		
223	0.0	53.2	79.8#
227	0.0	56.2	84.2#



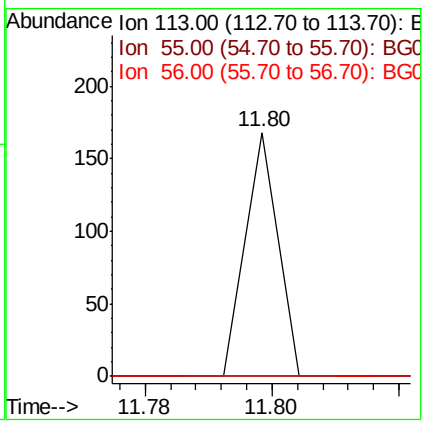


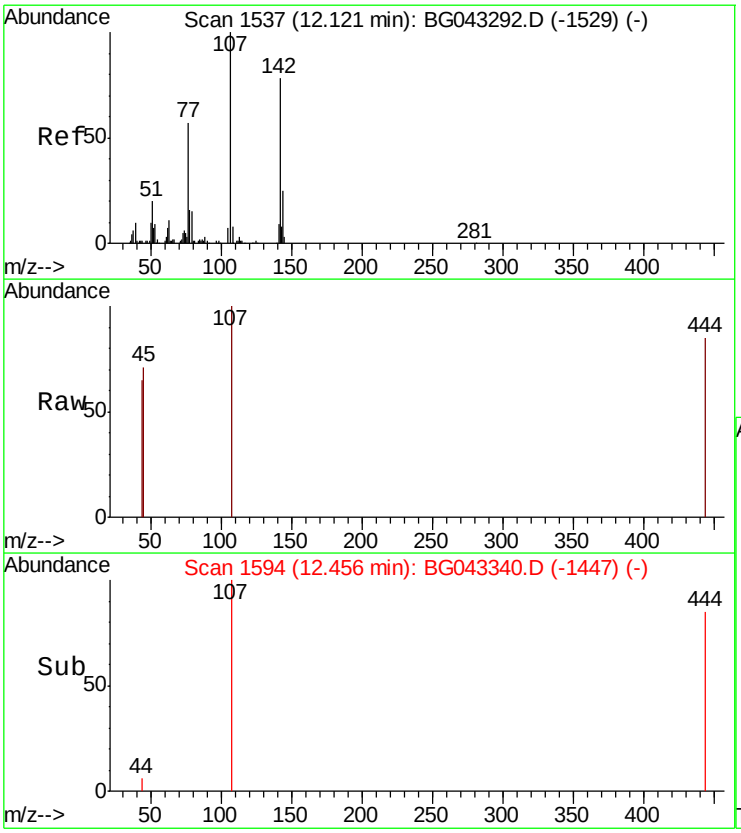
#35
Caprolactam
Concen: 0.075 ng
RT: 11.80 min Scan# 1482
Delta R.T. 0.03 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:113 Resp: 59

Ion	Ratio	Lower	Upper
113	100		
55	0.0	158.9	198.9#
56	0.0	121.4	161.4#

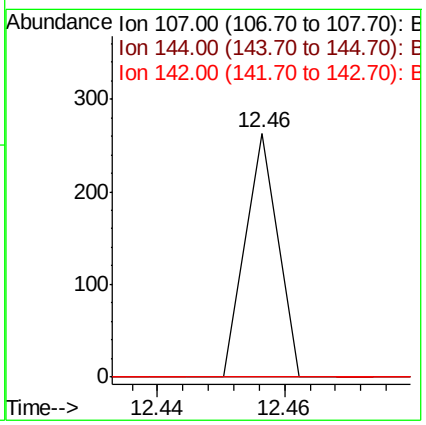


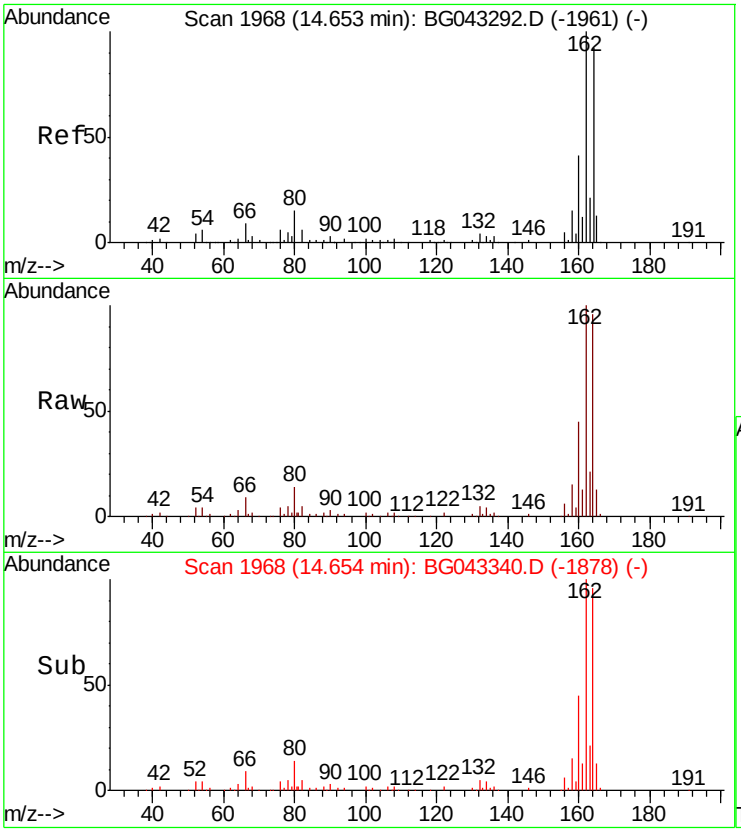


#36
4-Chloro-3-methylphenol
Concen: 0.037 ng
RT: 12.46 min Scan# 1594
Delta R.T. 0.34 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:107 Resp: 93

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.9	29.9#
142	0.0	62.1	93.1#



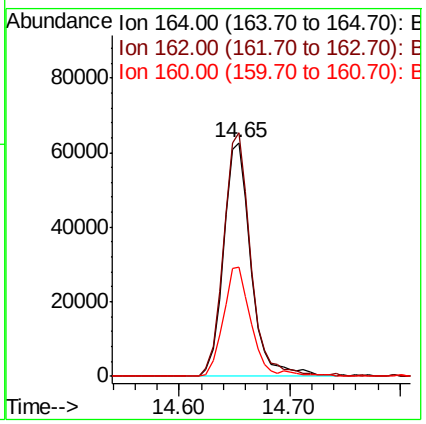


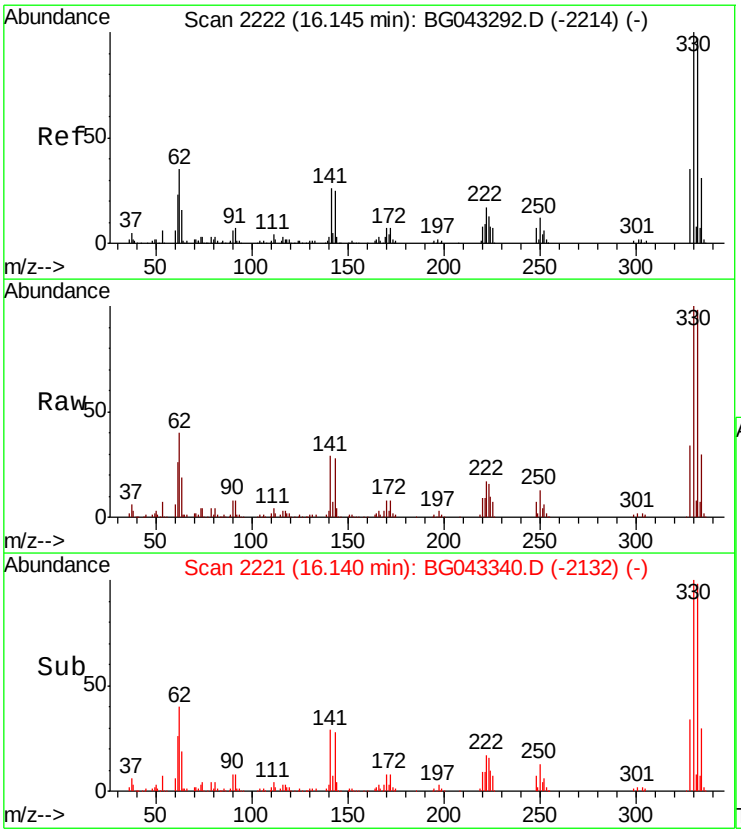
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:164 Resp: 108551

Ion	Ratio	Lower	Upper
164	100		
162	104.3	87.0	130.4
160	46.7	35.5	53.3

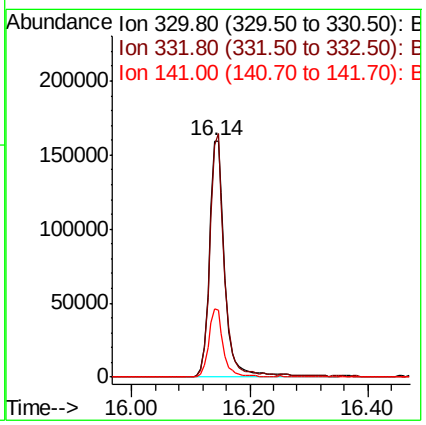


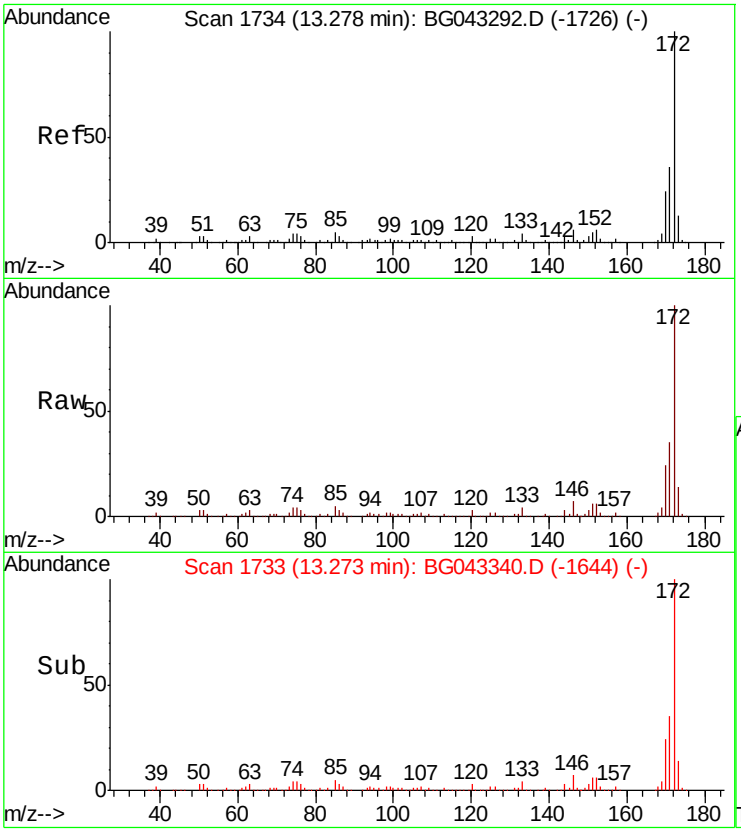


#42
2,4,6-Tribromophenol
Concen: 141.115 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:330 Resp: 291506

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.4	114.6
141	27.1	21.4	32.0



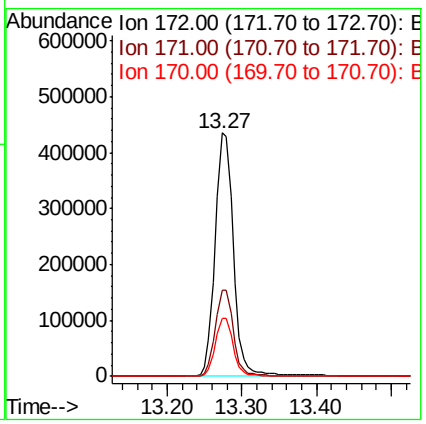


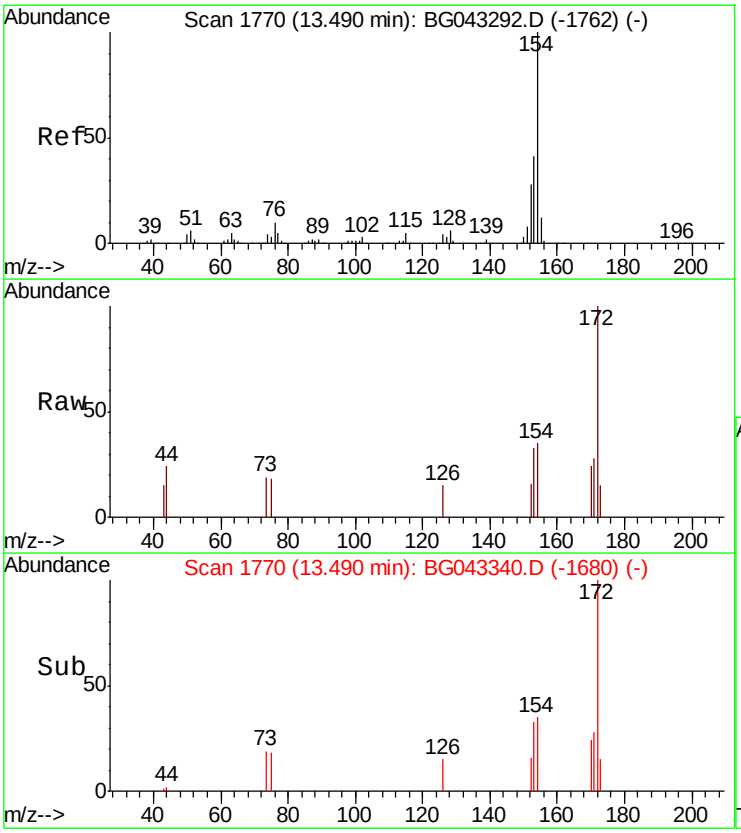
#45
2-Fluorobiphenyl
Concen: 95.318 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:172 Resp: 748792

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.8	18.8	28.2

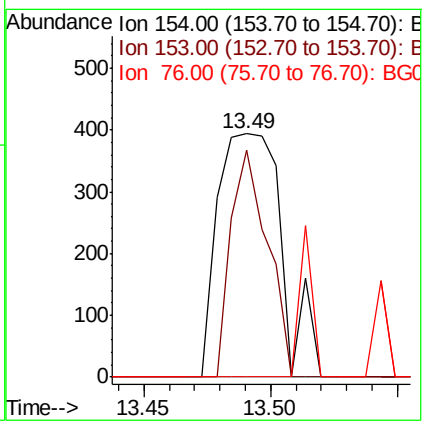


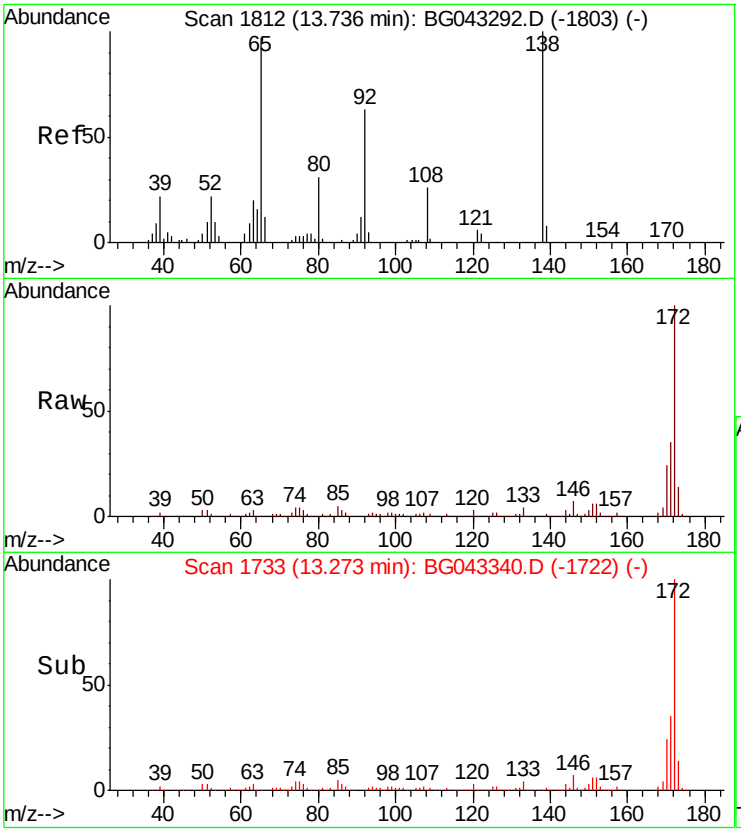


#46
1,1'-Biphenyl
Concen: 0.084 ng
RT: 13.49 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:154 Resp: 693

Ion	Ratio	Lower	Upper
154	100		
153	93.4	21.0	61.0#
76	0.0	0.0	29.8



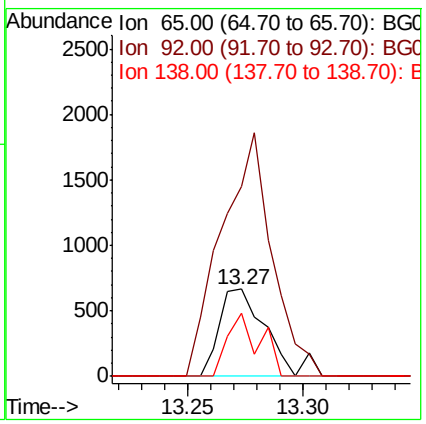


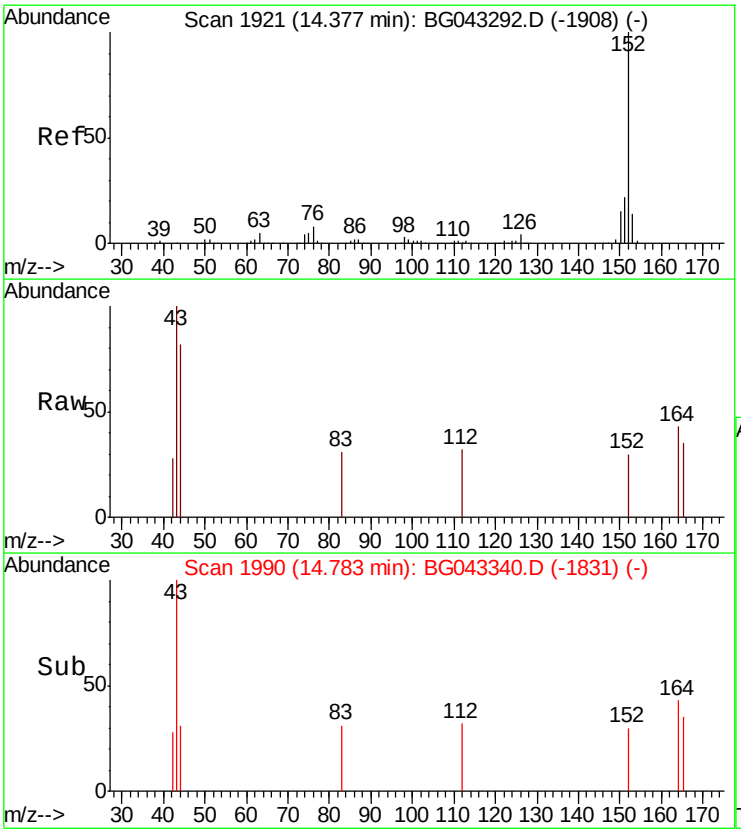
#48
2-Nitroaniline
Concen: 0.506 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.46 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion: 65 Resp: 951

Ion	Ratio	Lower	Upper
65	100		
92	216.8	52.6	79.0#
138	71.8	82.9	124.3#

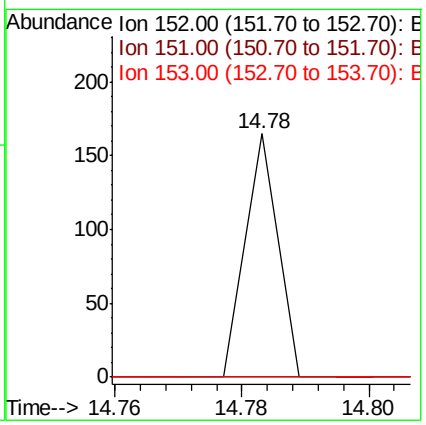


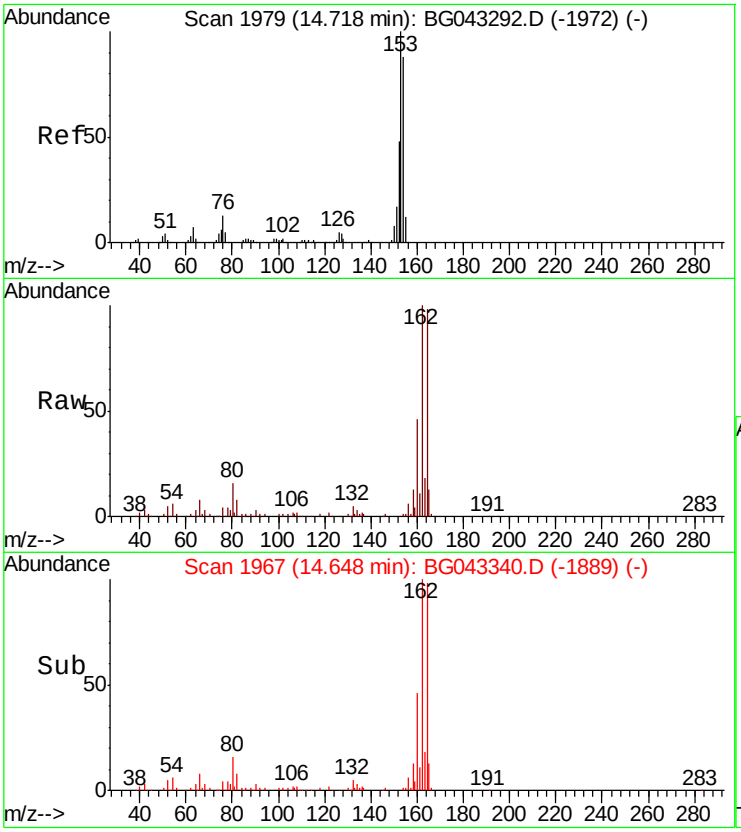


#49
Acenaphthylene
Concen: 0.006 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.41 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:152 Resp: 58

Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.2	25.8#
153	0.0	11.0	16.6#



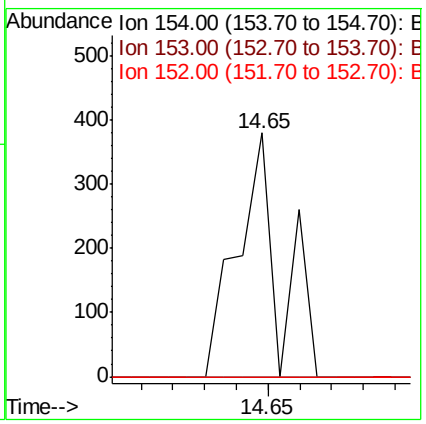


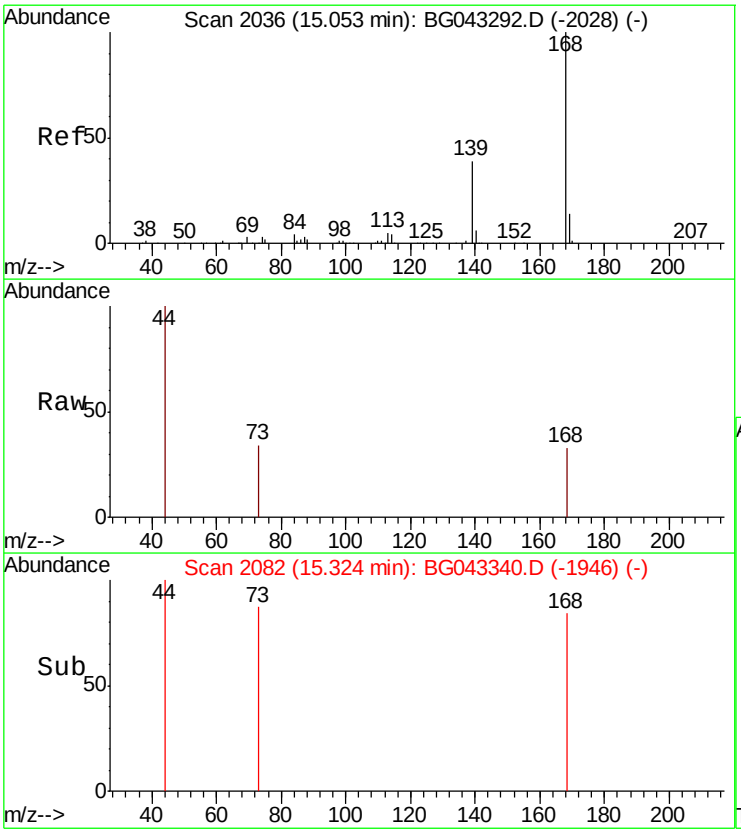
#52
Acenaphthene
Concen: 0.060 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.07 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:154 Resp: 357

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

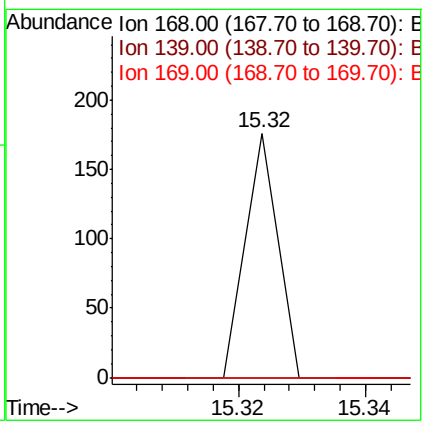


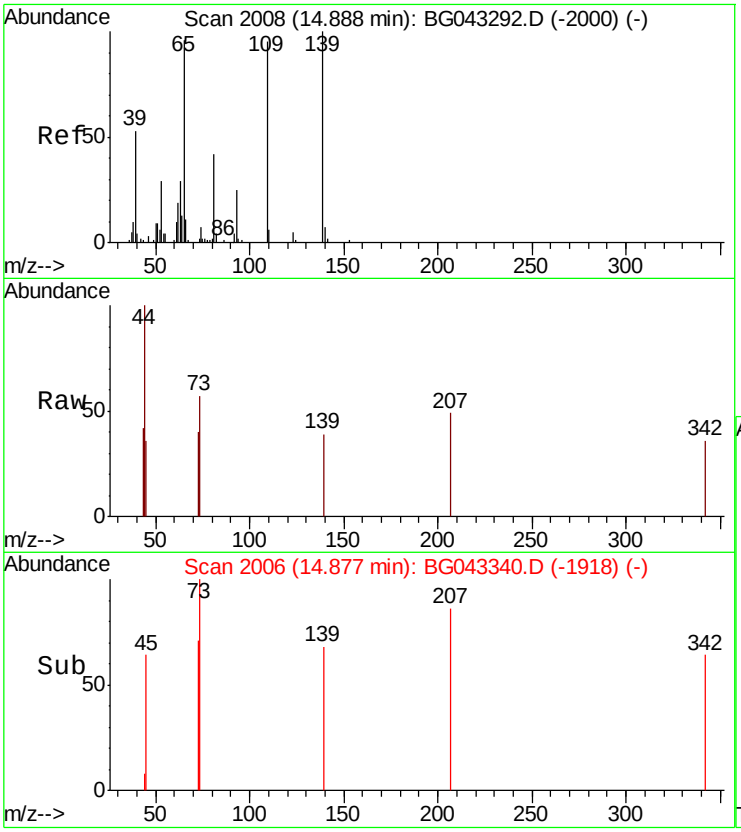


#55
Dibenzofuran
Concen: 0.006 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.27 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:168 Resp: 62

Ion	Ratio	Lower	Upper
168	100		
139	0.0	31.7	47.5#
169	0.0	11.0	16.4#



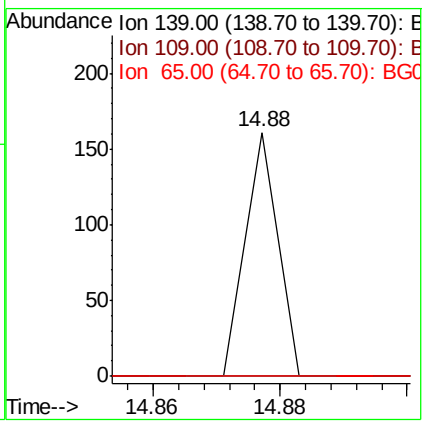


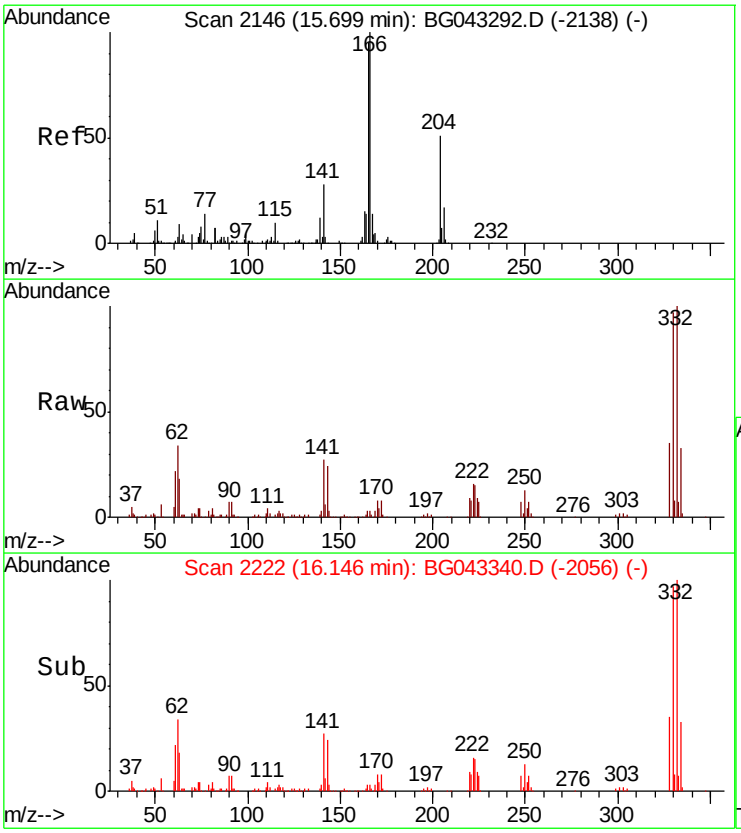
#56
4-Nitrophenol
Concen: 0.048 ng
RT: 14.88 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:139 Resp: 57

Ion	Ratio	Lower	Upper
139	100		
109	0.0	75.4	115.4#
65	0.0	76.6	116.6#

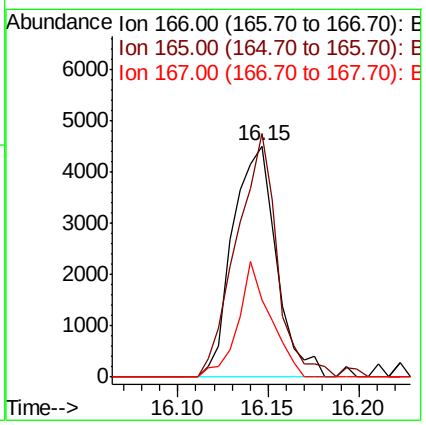


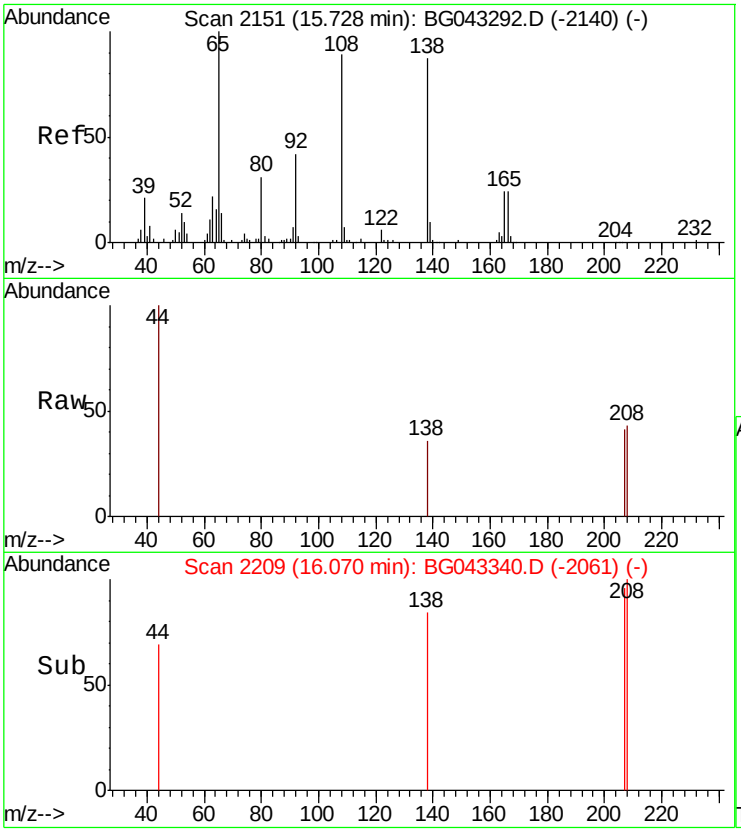


#58
Fluorene
Concen: 0.931 ng
RT: 16.15 min Scan# 2222
Delta R.T. 0.45 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:166 Resp: 7550

Ion	Ratio	Lower	Upper
166	100		
165	105.4	76.4	114.6
167	33.3	11.1	16.7#



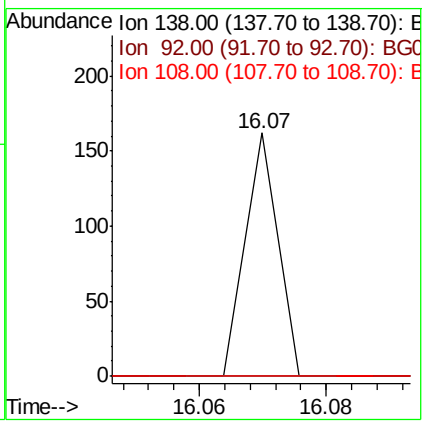


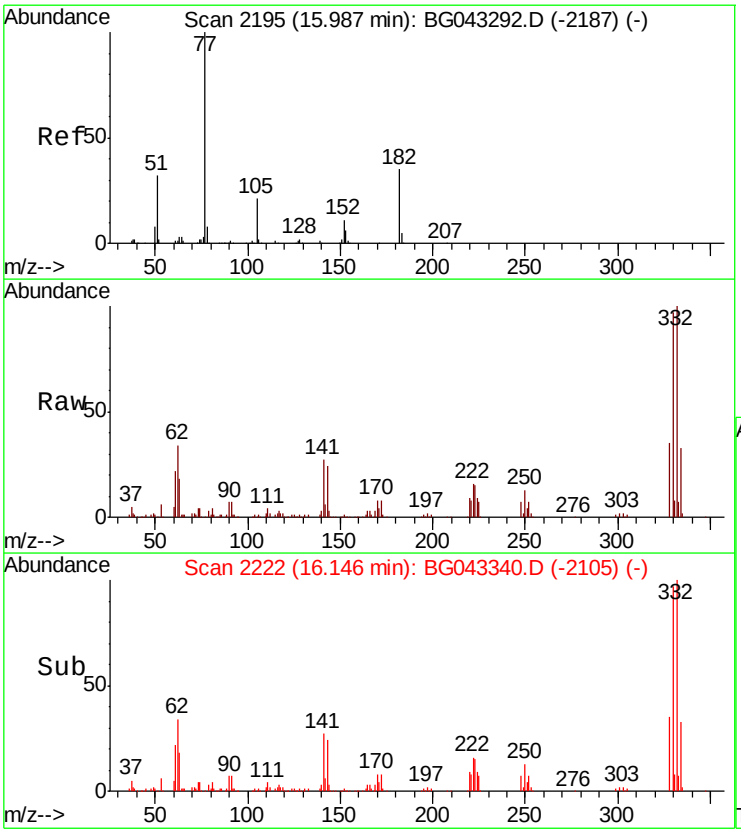
#62
4-Nitroaniline
Concen: 0.031 ng
RT: 16.07 min Scan# 2209
Delta R.T. 0.34 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:138 Resp: 57

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

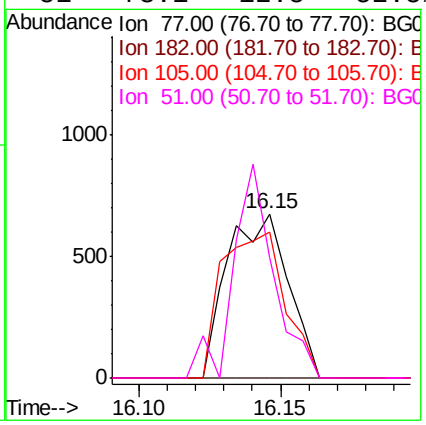


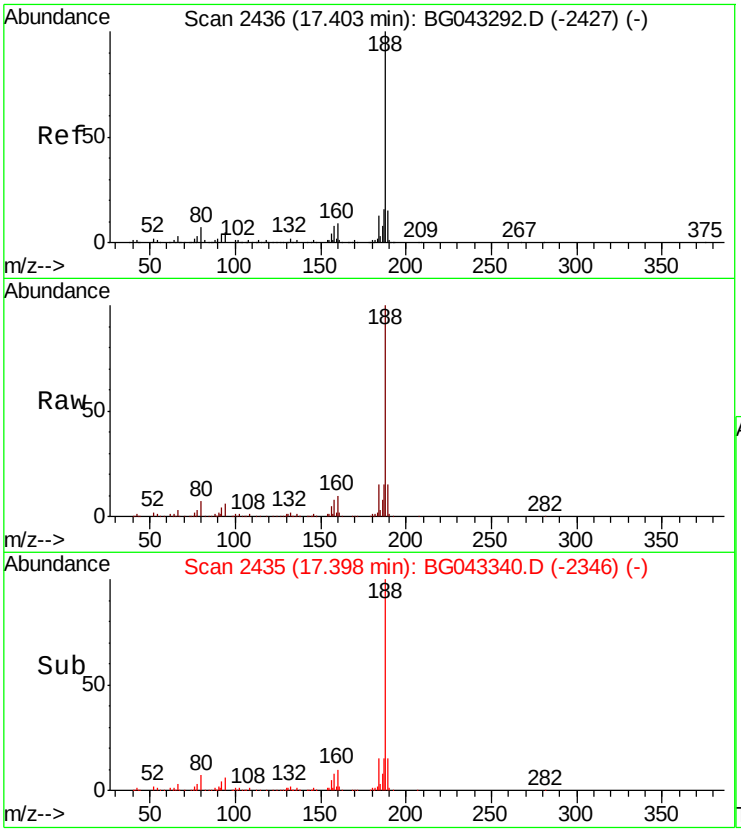


#63
Azobenzene
Concen: 0.148 ng
RT: 16.15 min Scan# 2222
Delta R.T. 0.16 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion: 77 Resp: 1013

Ion	Ratio	Lower	Upper
77	100		
182	0.0	14.9	54.9#
105	88.5	0.6	40.6#
51	73.1	12.5	52.5#



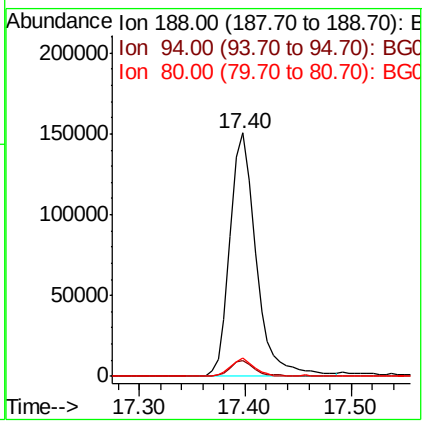


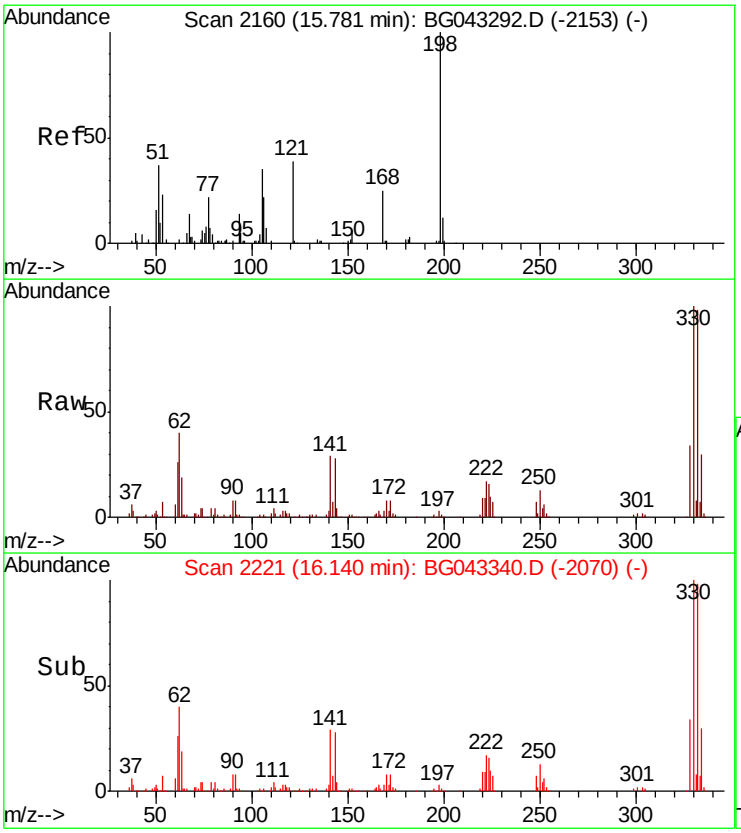
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:188 Resp: 259616

Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.2	6.2#
80	7.3	5.2	7.8

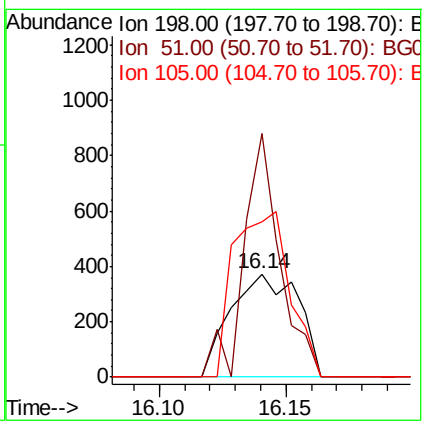


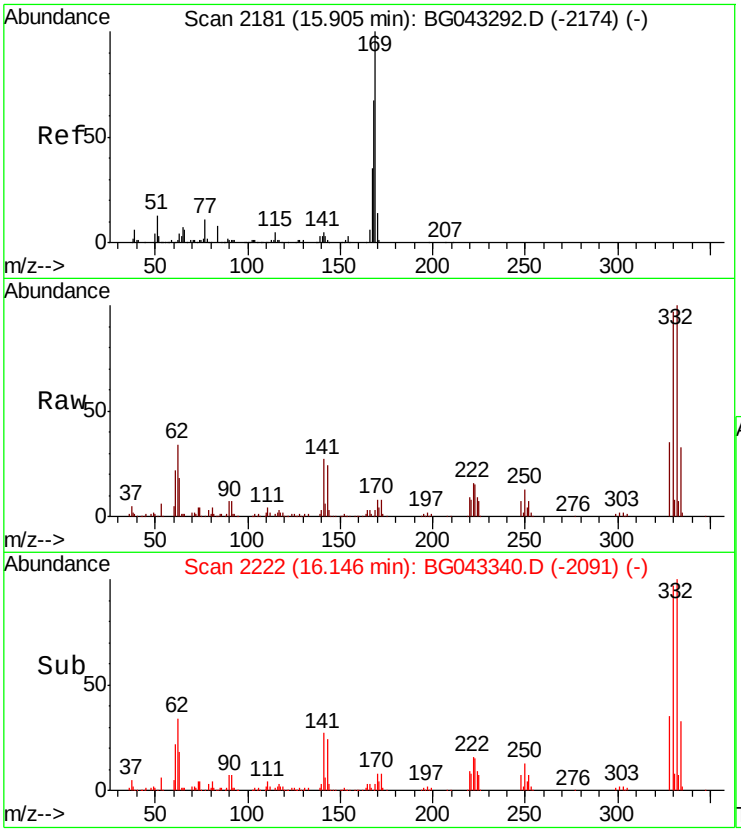


#65
4,6-Dinitro-2-methylphenol
Concen: 0.454 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.36 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:198 Resp: 694

Ion	Ratio	Lower	Upper
198	100		
51	236.3	21.4	61.4#
105	151.1	16.5	56.5#



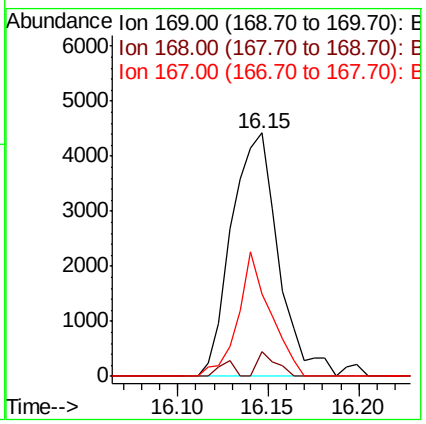


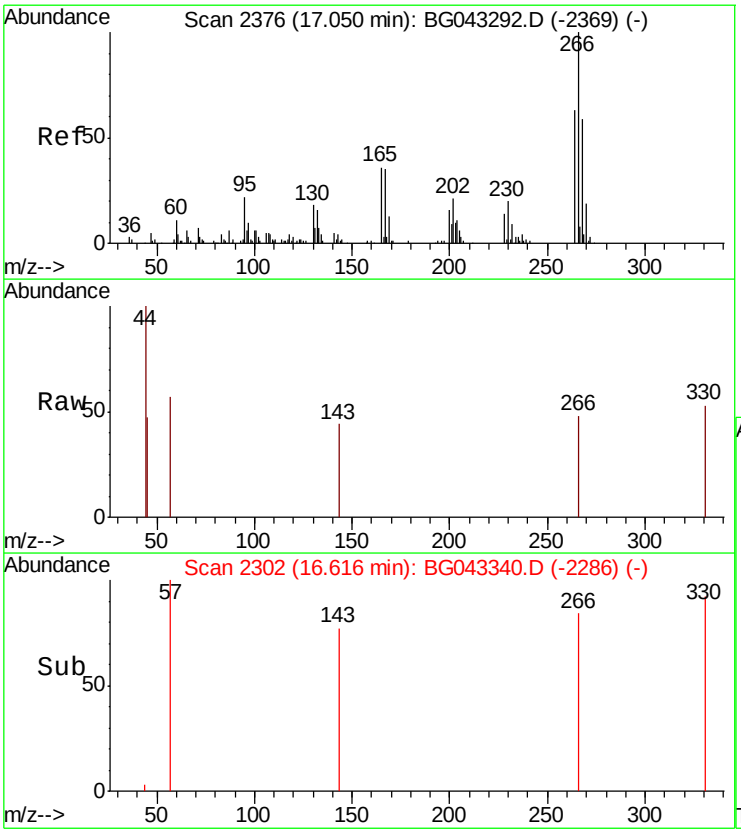
#66
n-Nitrosodiphenylamine
Concen: 1.080 ng
RT: 16.15 min Scan# 2222
Delta R.T. 0.24 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:169 Resp: 7918

Ion	Ratio	Lower	Upper
169	100		
168	10.2	53.9	80.9#
167	33.9	28.3	42.5

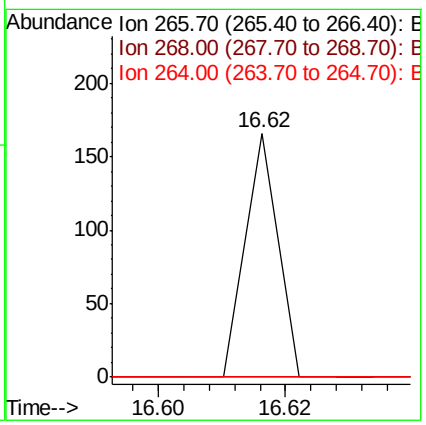


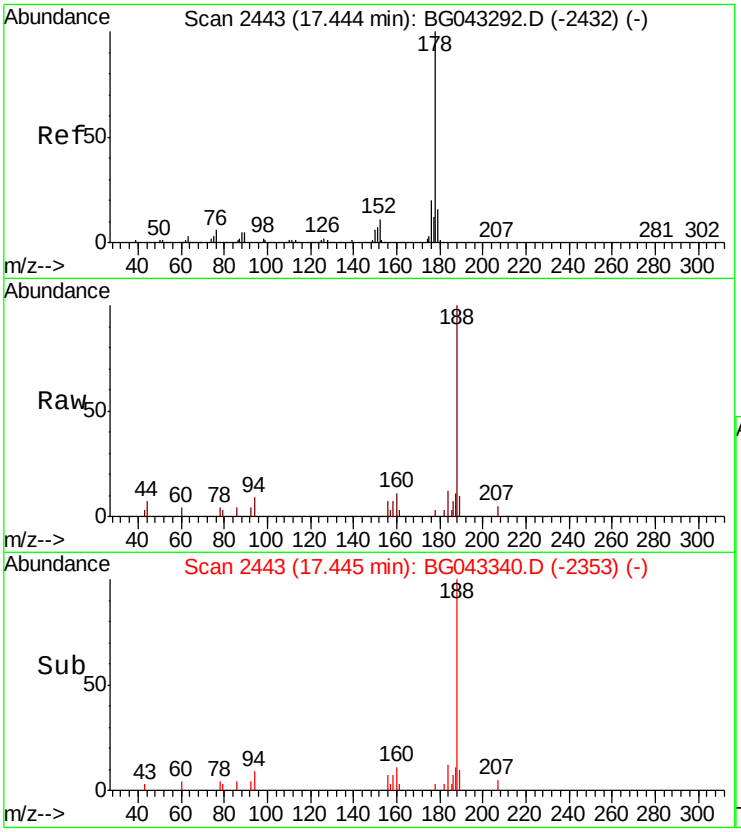


#70
Pentachlorophenol
Concen: 0.032 ng
RT: 16.62 min Scan# 2302
Delta R.T. -0.43 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:266 Resp: 59

Ion	Ratio	Lower	Upper
266	100		
268	0.0	47.1	70.7#
264	0.0	50.4	75.6#



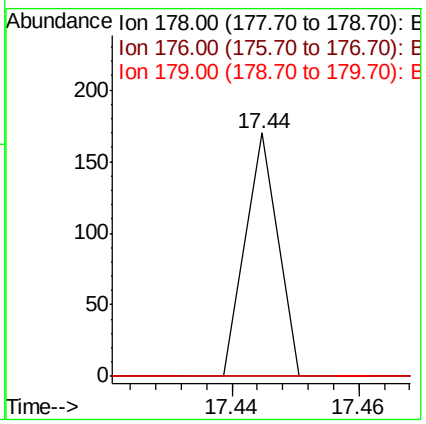


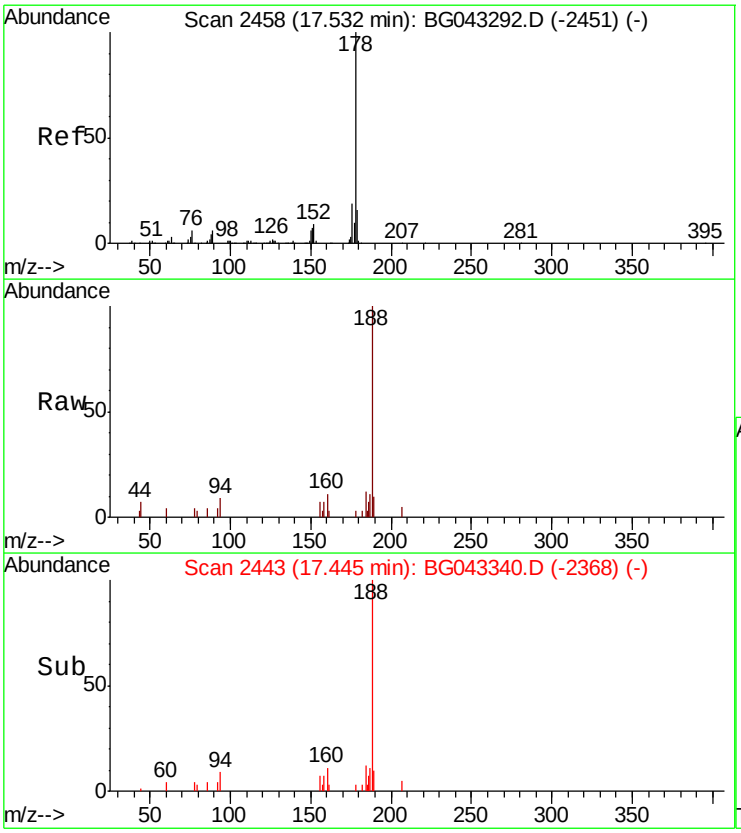
#71
Phenanthrene
Concen: 0.005 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:178 Resp: 60

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

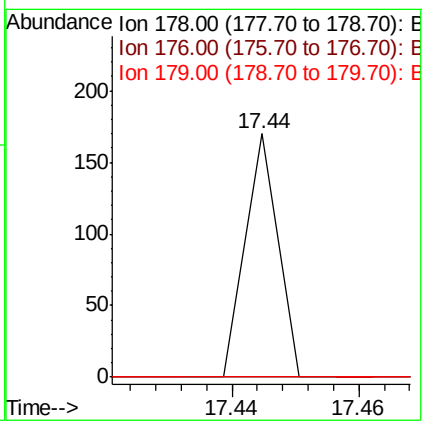


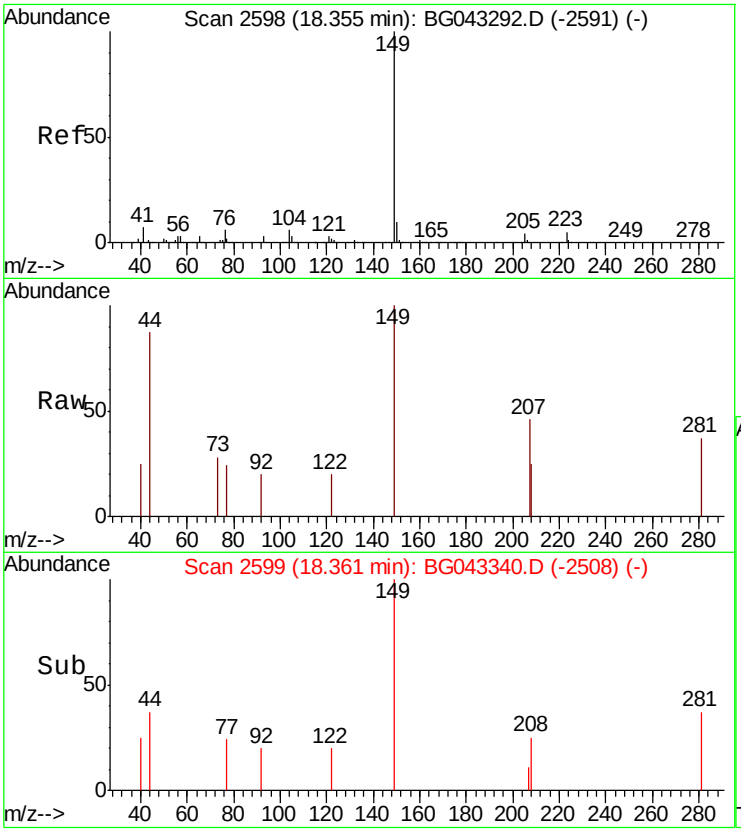


#72
Anthracene
Concen: 0.005 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.09 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:178 Resp: 60

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



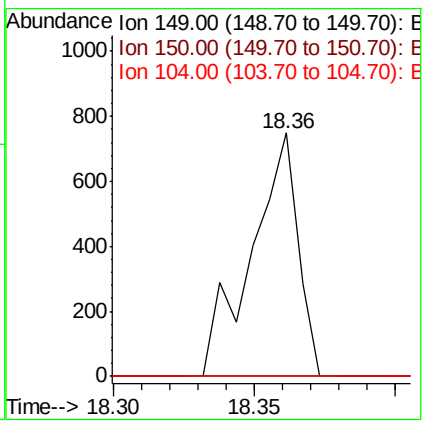


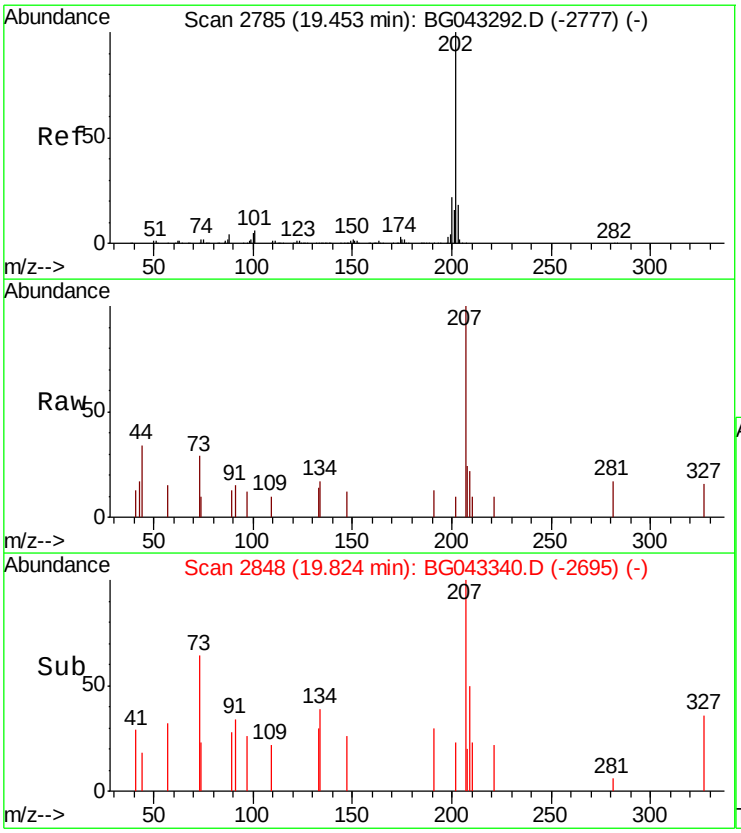
#74
Di-n-butylphthalate
Concen: 0.059 ng
RT: 18.36 min Scan# 2599
Delta R.T. 0.01 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:149 Resp: 859

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

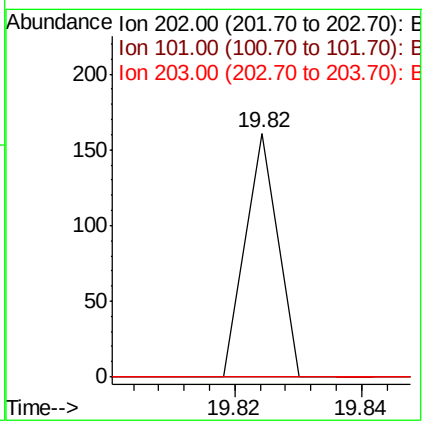


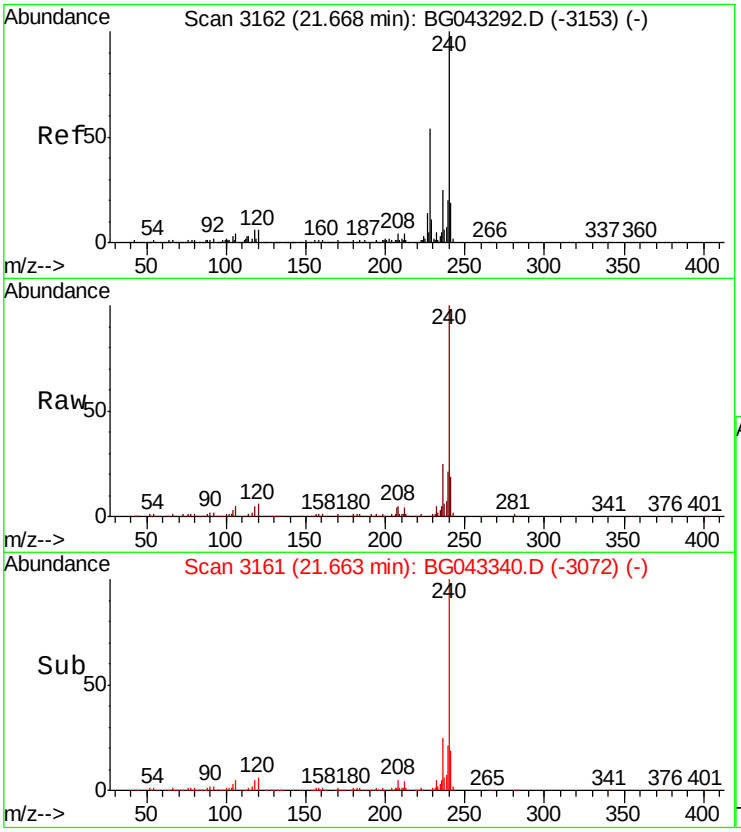


#75
Fluoranthene
Concen: 0.003 ng
RT: 19.82 min Scan# 2848
Delta R.T. 0.37 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:202 Resp: 57

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



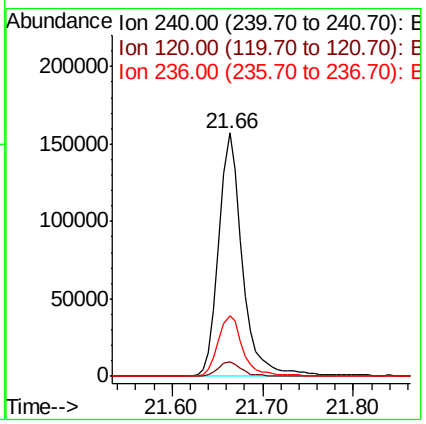


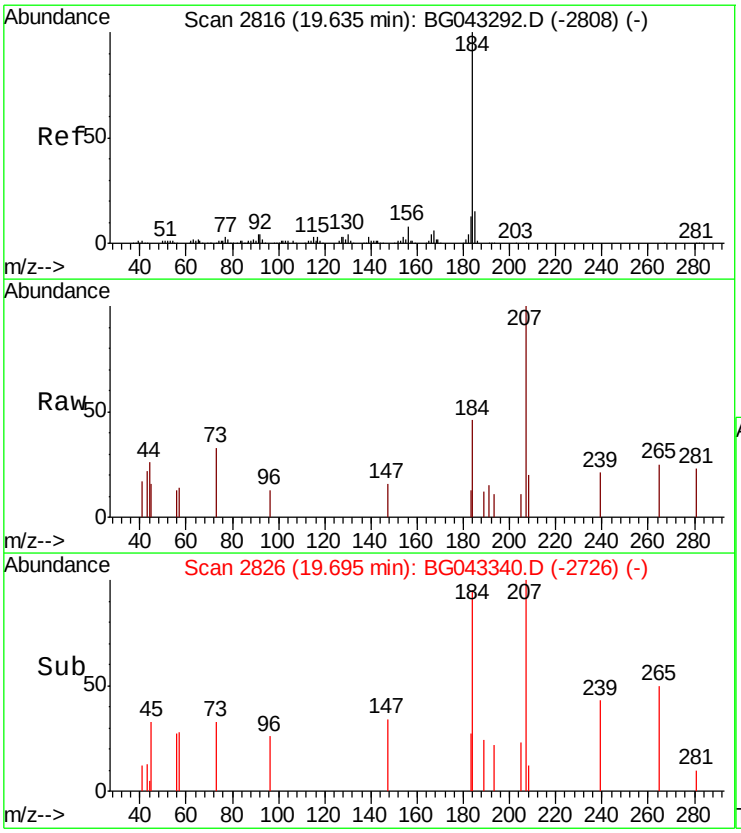
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:240 Resp: 285507

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.6	7.0
236	25.0	20.2	30.4

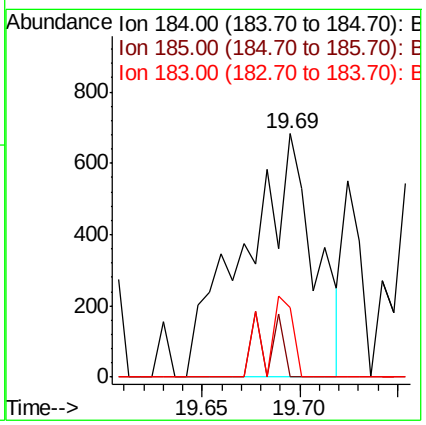


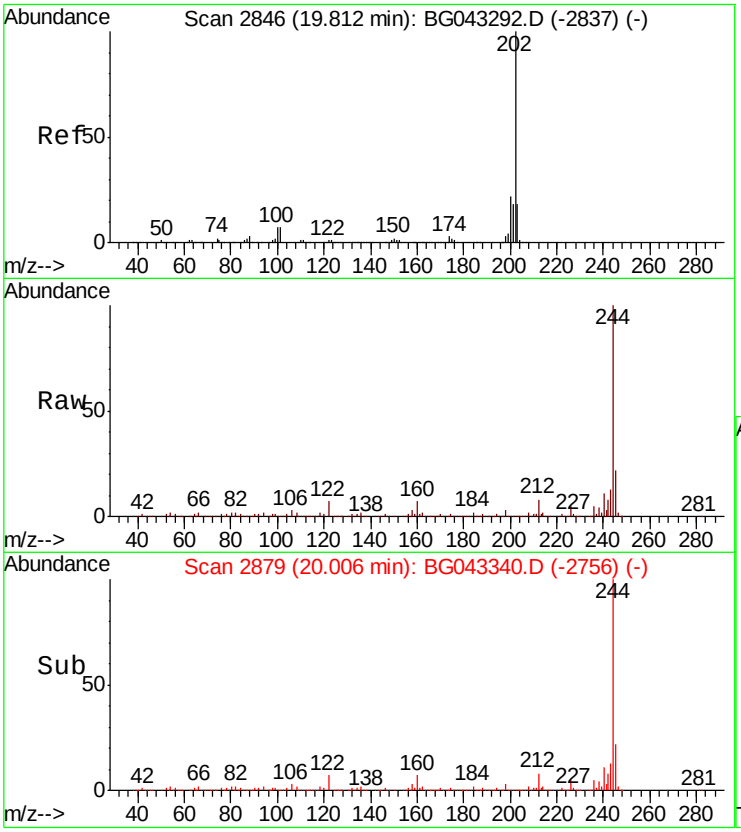


#77
Benzidine
Concen: 0.292 ng
RT: 19.69 min Scan# 2826
Delta R.T. 0.06 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:184 Resp: 1678

Ion	Ratio	Lower	Upper
184	100		
185	0.0	11.8	17.6#
183	28.4	10.6	16.0#



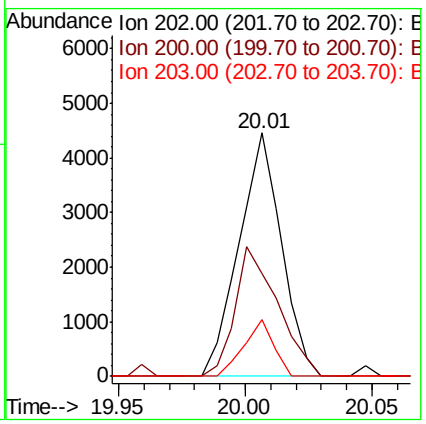


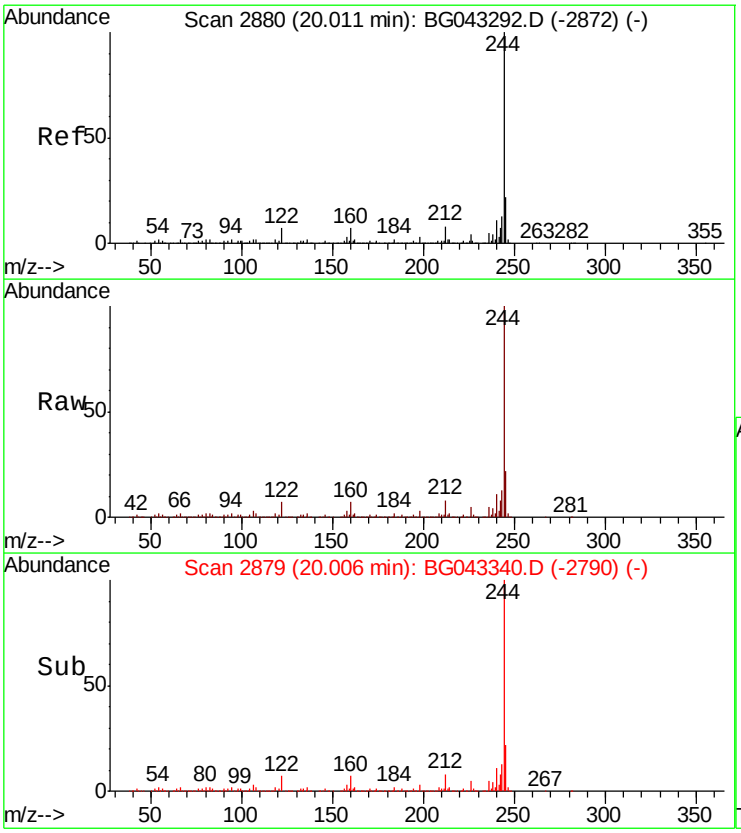
#78
Pyrene
Concen: 0.293 ng
RT: 20.01 min Scan# 2879
Delta R.T. 0.19 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:202 Resp: 5179

Ion	Ratio	Lower	Upper
202	100		
200	42.0	17.3	25.9#
203	23.1	14.5	21.7#

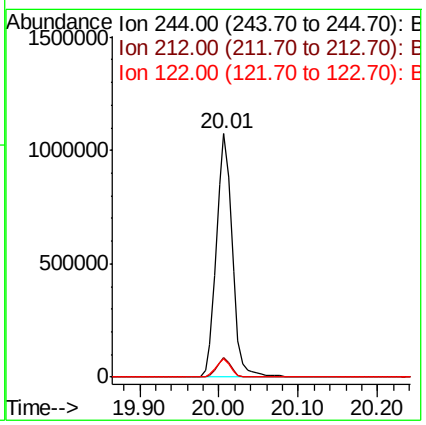


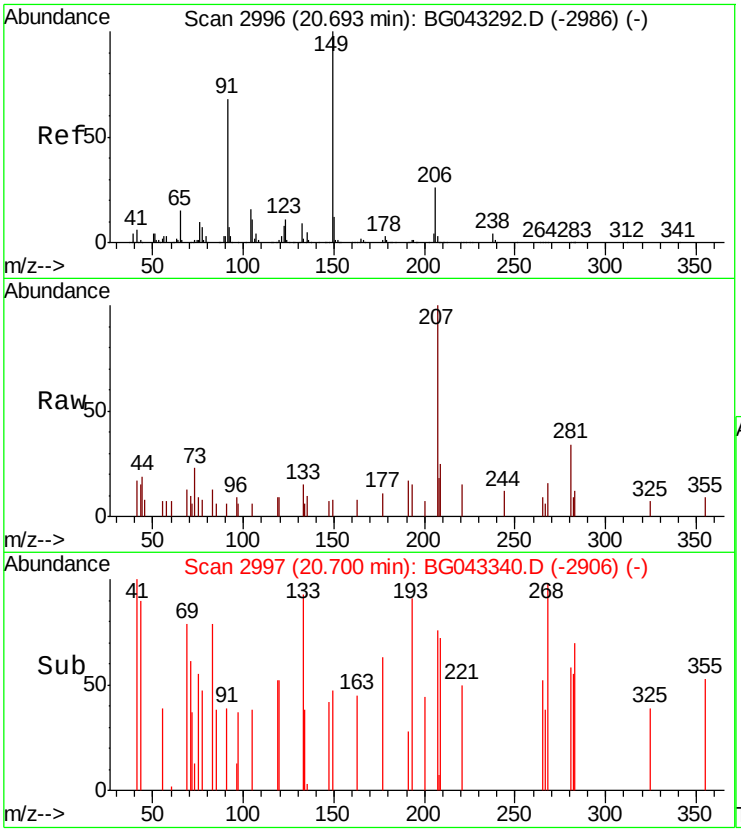


#79
Terphenyl-d14
Concen: 98.755 ng
RT: 20.01 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:244 Resp: 1502895

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	7.5	5.3	7.9



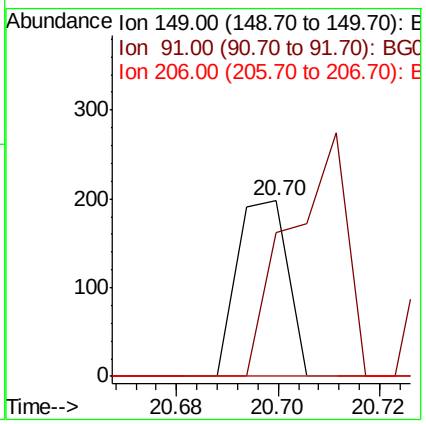


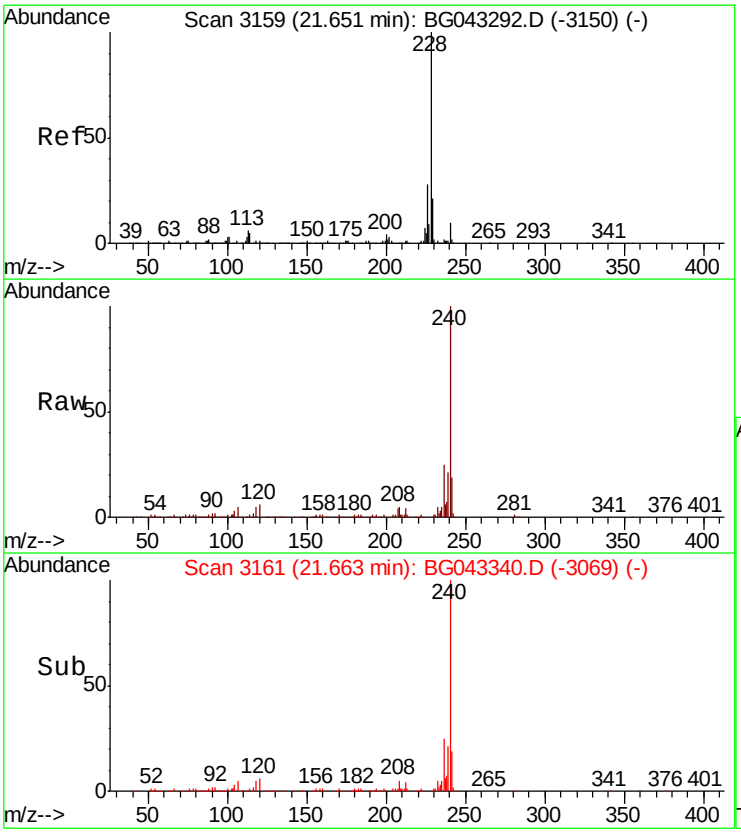
#80
Butylbenzylphthalate
Concen: 0.020 ng
RT: 20.70 min Scan# 2997
Delta R.T. 0.01 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:149 Resp: 137

Ion	Ratio	Lower	Upper
149	100		
91	81.8	54.6	82.0
206	0.0	20.5	30.7#

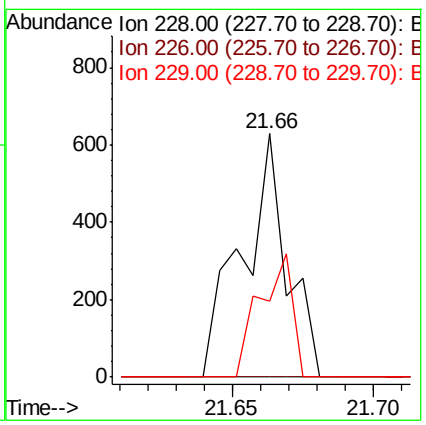


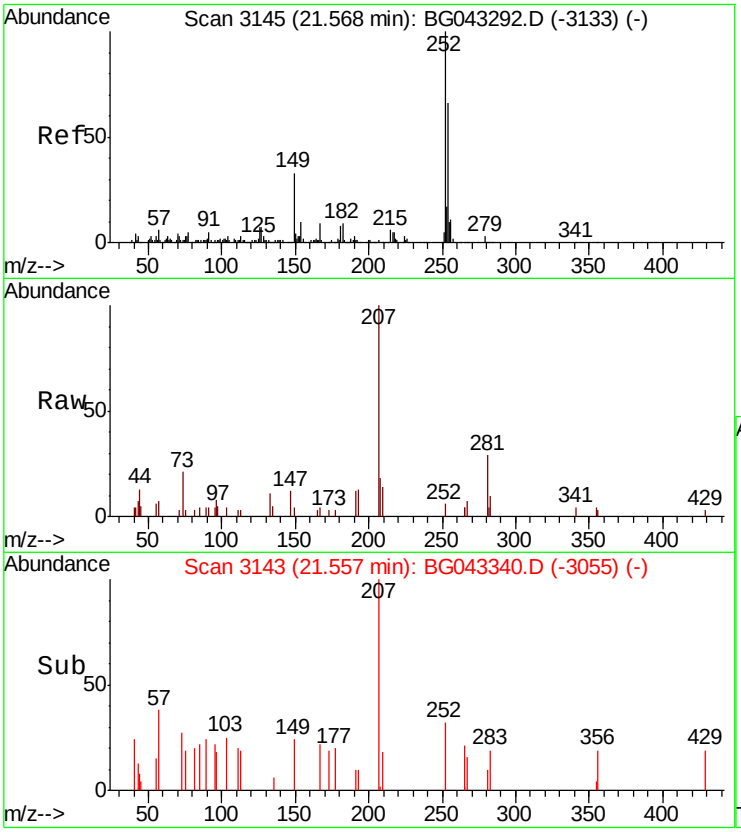


#81
Benzo(a)anthracene
Concen: 0.039 ng
RT: 21.66 min Scan# 3161
Delta R.T. 0.01 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:228 Resp: 693

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.2	33.4#
229	31.0	16.9	25.3#



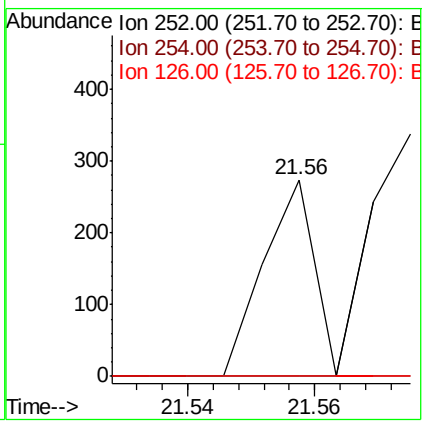


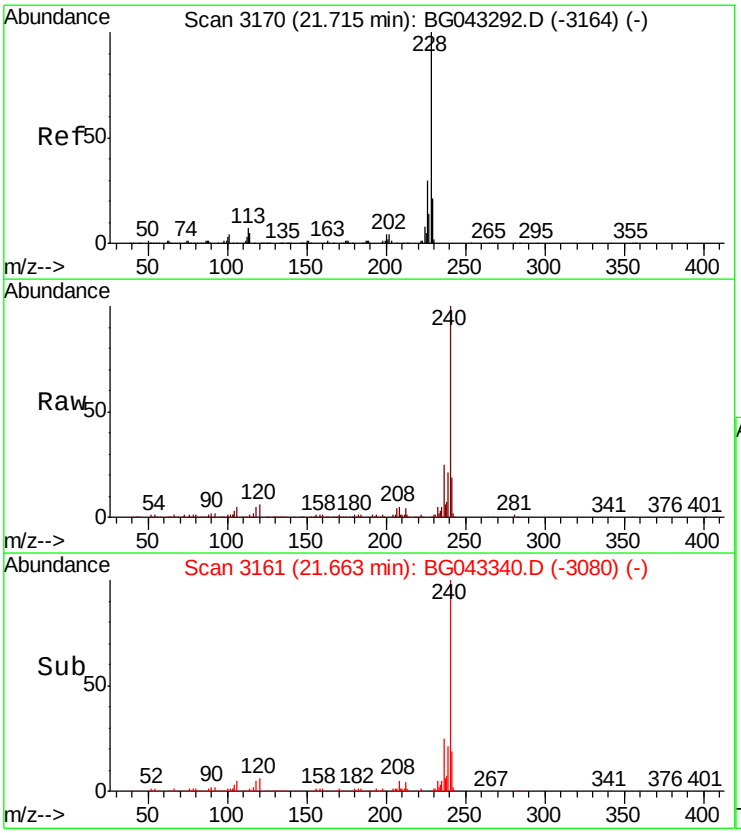
#82
3,3'-Dichlorobenzidine
Concen: 0.022 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:252 Resp: 151

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

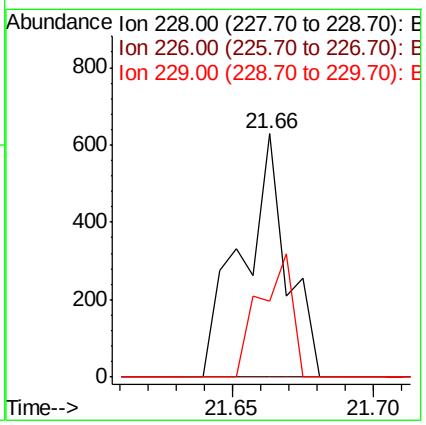


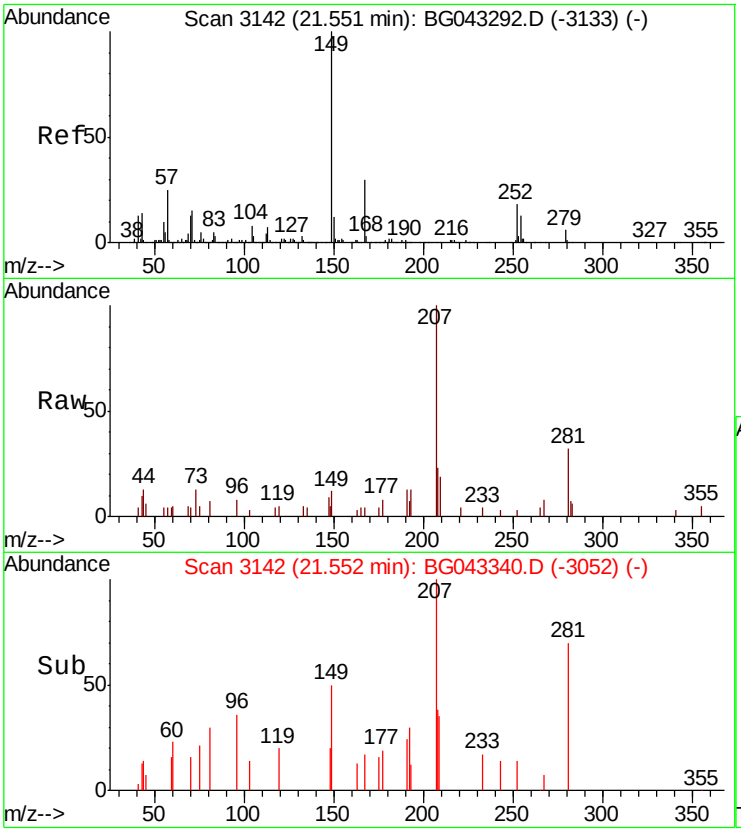


#83
Chrysene
Concen: 0.039 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.05 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:228 Resp: 693

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.8	35.8#
229	31.0	16.3	24.5#



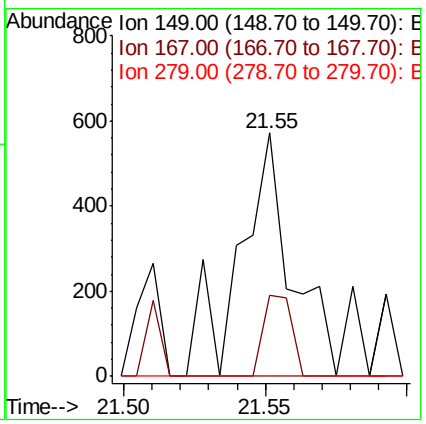


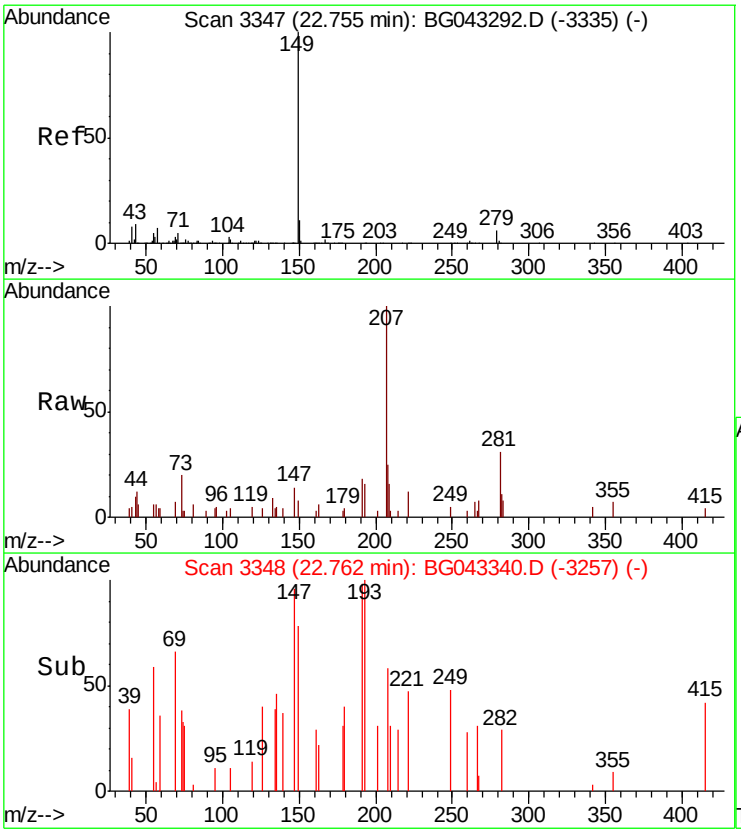
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.078 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:149 Resp: 741

Ion	Ratio	Lower	Upper
149	100		
167	33.6	23.9	35.9
279	0.0	4.8	7.2#

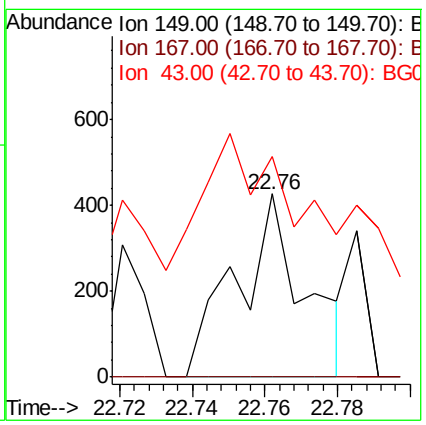


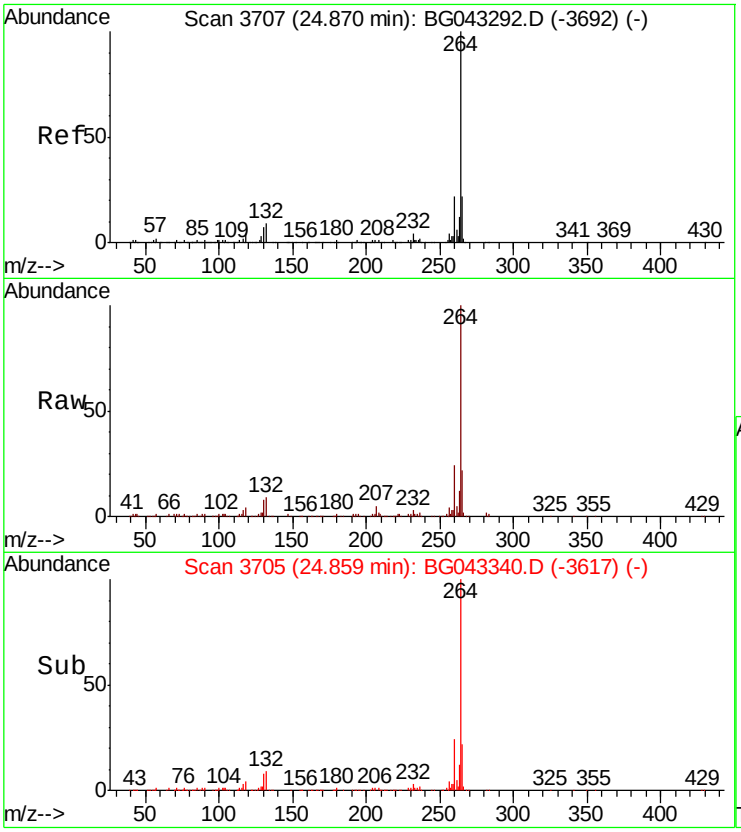


#85
Di-n-octyl phthalate
Concen: 0.034 ng
RT: 22.76 min Scan# 3348
Delta R.T. 0.01 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:149 Resp: 549

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	107.7	6.9	10.3#



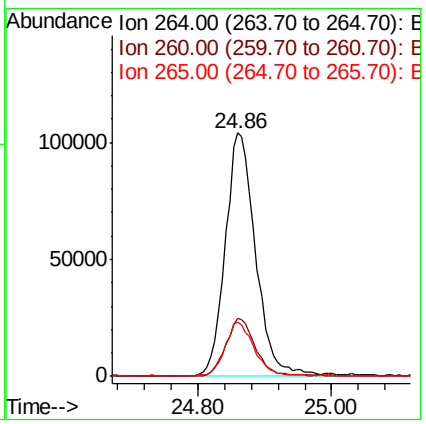


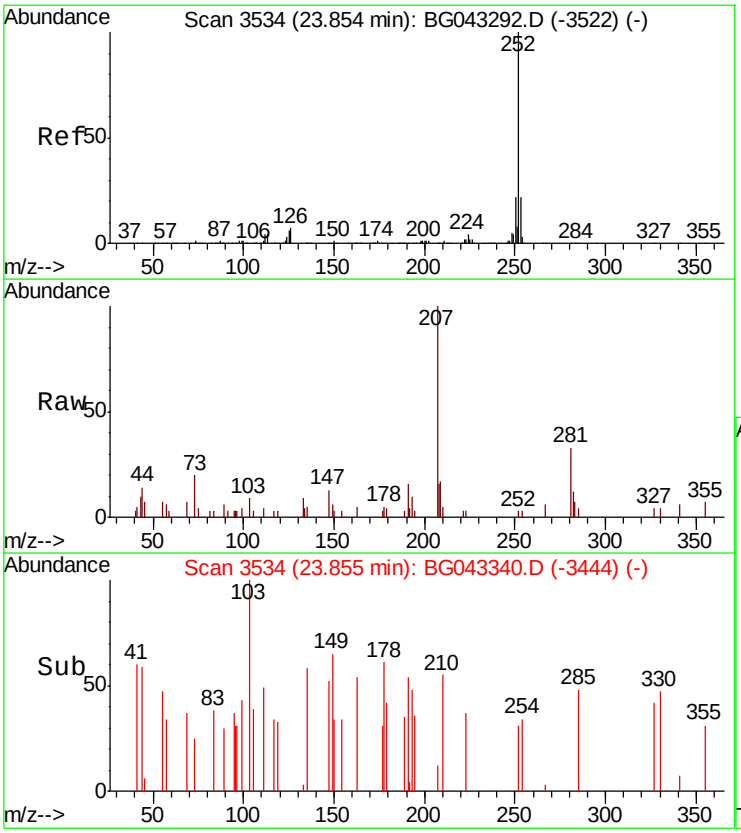
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:264 Resp: 331082

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.9	26.9
265	22.4	17.4	26.2

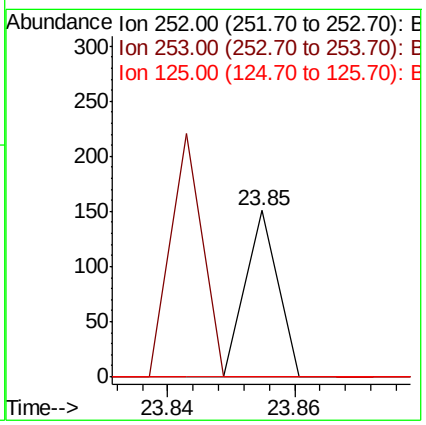


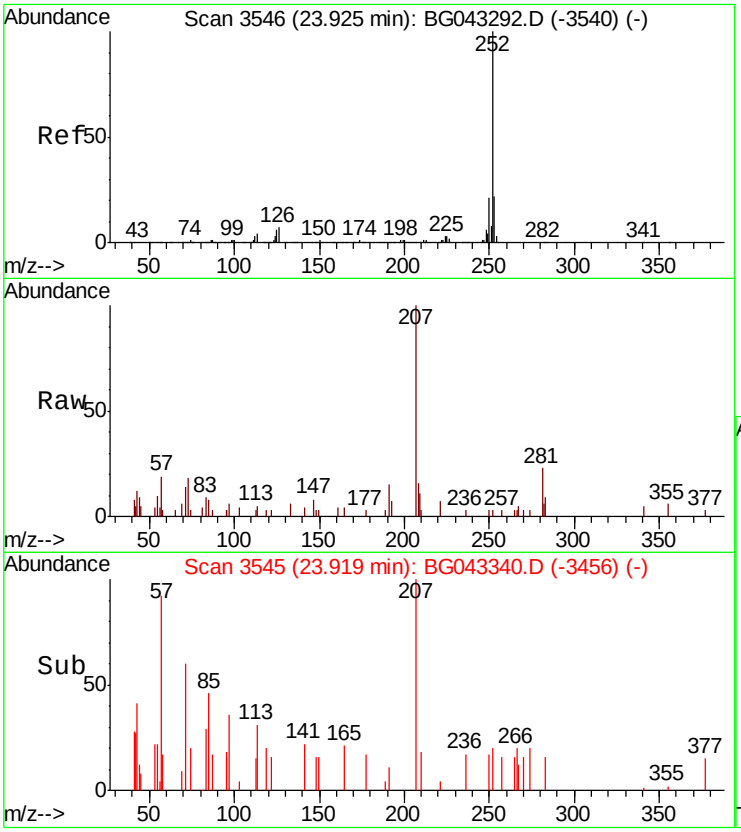


#88
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 23.85 min Scan# 3534
Delta R.T. 0.00 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:252 Resp: 53

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



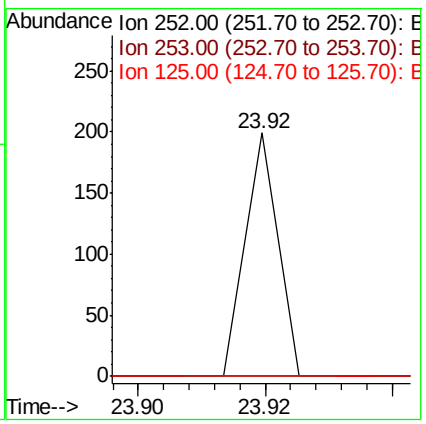


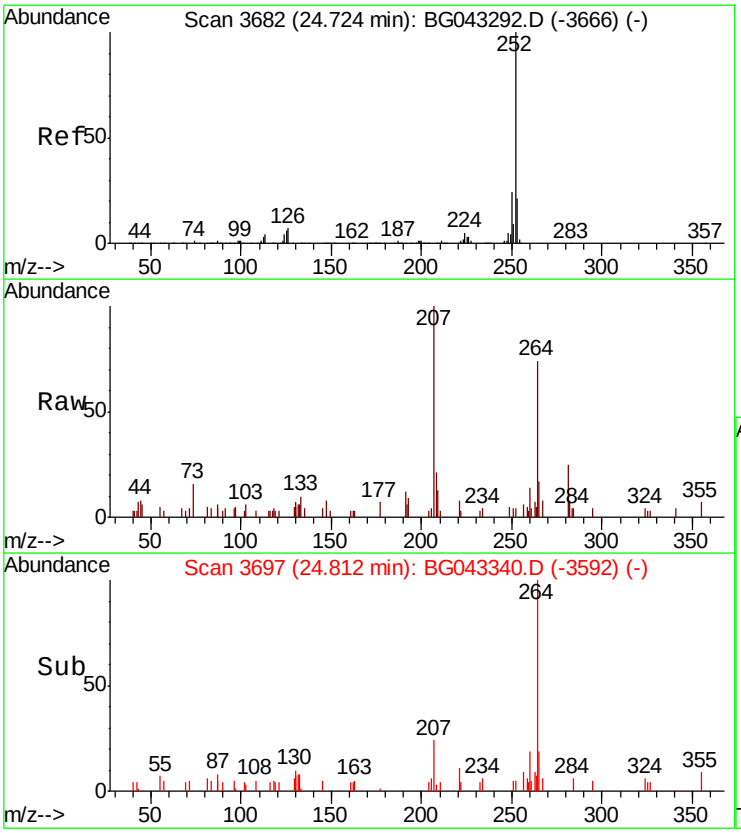
#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

Tgt Ion:252 Resp: 70

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

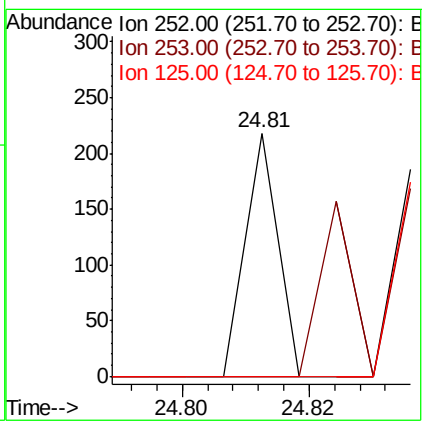


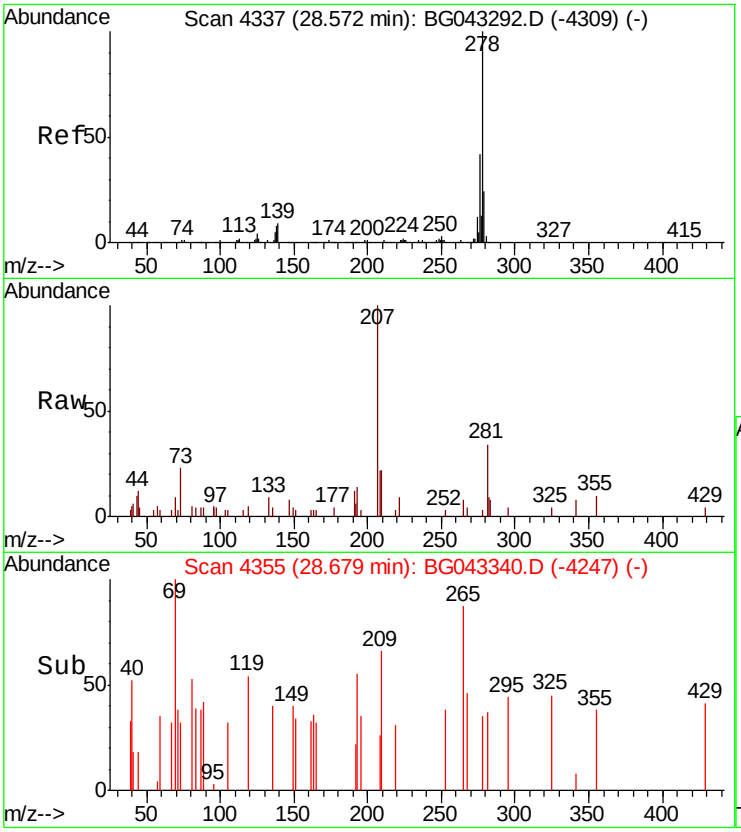


#90
Benzo(a)pyrene
Concen: 0.004 ng
RT: 24.81 min Scan# 3697
Delta R.T. 0.09 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:252 Resp: 77

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



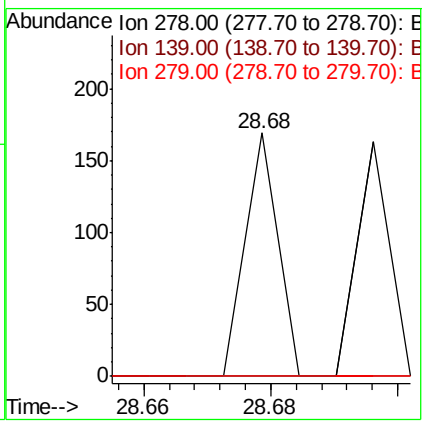


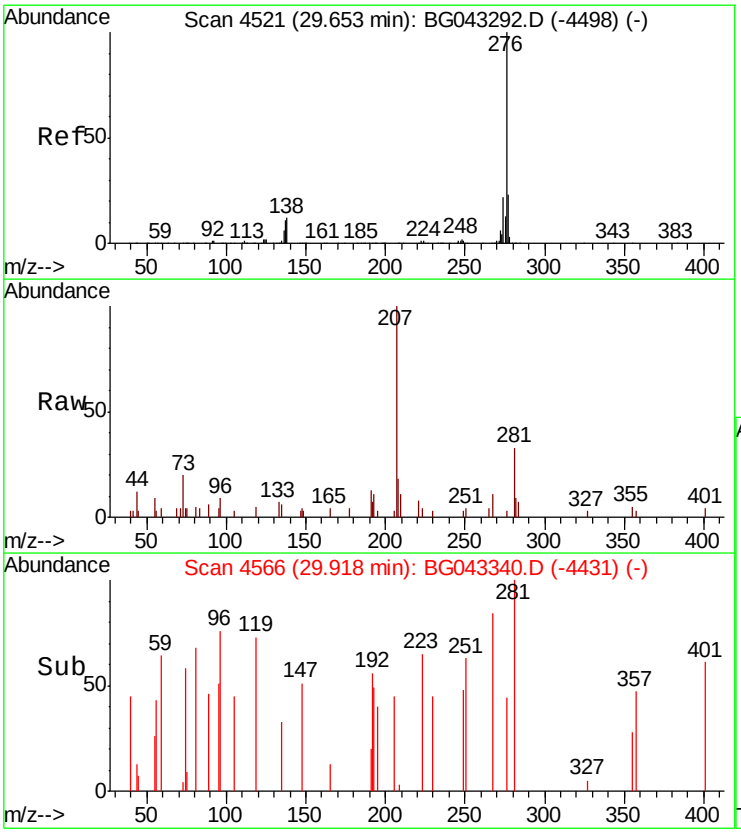
#91
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 28.68 min Scan# 4355
Delta R.T. 0.11 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124305TB

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: 0.003 ng
RT: 29.92 min Scan# 4566
Delta R.T. 0.27 min
Lab File: BG043340.D
Acq: 25 Oct 2019 15:28

Tgt Ion:276 Resp: 62

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