Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061419\
Data File : BG041262.D
Acq On : 14 Jun 2019 20:41
Operator : HP/JU
Sample : K3333-04RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONCRETE-4

Quant Time: Jun 15 03:34:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 14 15:26:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	35681	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	151014	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	109555	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	258804	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	241111	20.00	ng	-0.01
87) Perylene-d12	25.06	264	179708	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	129003	66.62	ng	0.00
7) Phenol-d6	7.24	99	308893	104.35	ng	0.00
23) Nitrobenzene-d5	9.27	82	249395	71.67	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	12642	8.34	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	611533	73.89	ng	-0.01
79) Terphenyl-d14	20.07	244	975691	79.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	203	0.251	ng	# 1
3) Pyridine	3.87	79	62	0.026	ng	# 1
4) n-Nitrosodimethylamine	3.83	42	326	0.266	ng	# 1
6) Aniline	7.60	93	64	0.017	ng	# 1
9) Benzaldehyde	7.24	77	651	0.346	ng	# 1
10) Phenol	7.26	94	1603	0.504	ng	# 1
11) bis(2-Chloroethyl)ether	7.60	93	64	0.027	ng	# 1
15) Benzyl Alcohol	8.41	79	4199	1.541	ng	# 67
16) 2,2'-oxybis(1-Chloropropan	8.51	45	72	0.019	ng	69
18) Hexachloroethane	9.45	117	55	0.048	ng	# 1
19) n-Nitroso-di-n-propylamine	9.27	70	34648	15.292	ng	# 78
20) 3+4-Methylphenols	8.91	107	55	0.017	ng	# 20
22) Acetophenone	8.41	105	55	0.013	ng	# 1
24) Nitrobenzene	9.27	77	1231	0.353	ng	# 44
25) Isophorone	9.84	82	1291	0.210	ng	# 67
31) Naphthalene	10.97	128	54	0.007	ng	# 68
36) 4-Chloro-3-methylphenol	11.95	107	57	0.019	ng	# 23
46) 1,1'-Biphenyl	13.57	154	952	0.112	ng	# 71
48) 2-Nitroaniline	13.95	65	63	0.025	ng	# 11
50) Dimethylphthalate	14.17	163	137775	14.920	ng	96
51) 2,6-Dinitrotoluene	14.17	165	1589	0.802	ng	# 1
52) Acenaphthene	14.77	154	61	0.010	ng	# 5
55) Dibenzofuran	14.74	168	77	0.007	ng	# 42
56) 4-Nitrophenol	14.81	139	69	9.353	ng	# 1
57) 2,4-Dinitrotoluene	14.72	165	13789	5.017	ng	# 21
58) Fluorene	16.22	166	150	0.018	ng	# 9
60) Diethylphthalate	15.71	149	84	0.009	ng	# 57
63) Azobenzene	16.12	77	70	0.009	ng	# 47
66) n-Nitrosodiphenylamine	16.22	169	419	0.058	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	702	0.205	ng	# 1
68) Hexachlorobenzene	16.34	284	57	0.015	ng	# 43
70) Pentachlorophenol	17.43	266	57	10.637	ng	# 18
71) Phenanthrene	17.50	178	987	0.072	ng	# 62
72) Anthracene	17.50	178	987	0.073	ng	# 63

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061419\
Data File : BG041262.D
Acq On : 14 Jun 2019 20:41
Operator : HP/JU
Sample : K3333-04RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONCRETE-4

Quant Time: Jun 15 03:34:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 14 15:26:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Carbazole	17.64	167	54	0.005	ng	#	58
74) Di-n-butylphthalate	18.40	149	570	0.040	ng	#	77
75) Fluoranthene	19.52	202	4108	0.237	ng		96
77) Benzidine	20.07	184	16720	4.467	ng	#	93
78) Pyrene	19.52	202	4108	0.248	ng		96
80) Butylbenzylphthalate	20.74	149	229	0.036	ng	#	24
81) Benzo(a)anthracene	21.73	228	2103	0.132	ng	#	91
82) 3,3'-Dichlorobenzidine	21.65	252	54	0.011	ng	#	24
83) Chrysene	21.79	228	1512	0.096	ng	#	88
84) Bis(2-ethylhexyl)phthalate	21.59	149	2912	0.330	ng	#	84
85) Di-n-octyl phthalate	22.83	149	715	0.049	ng	#	76
86) Indeno(1,2,3-cd)pyrene	28.90	276	410	0.043	ng	#	56
88) Benzo(b)fluoranthene	24.02	252	2821	0.257	ng	#	81
89) Benzo(k)fluoranthene	24.04	252	1034	0.079	ng	#	95
90) Benzo(a)pyrene	24.90	252	579	0.054	ng	#	90
91) Dibenzo(a,h)anthracene	28.94	278	59	0.010	ng	#	58
92) Benzo(g,h,i)perylene	30.09	276	111	0.021	ng	#	57

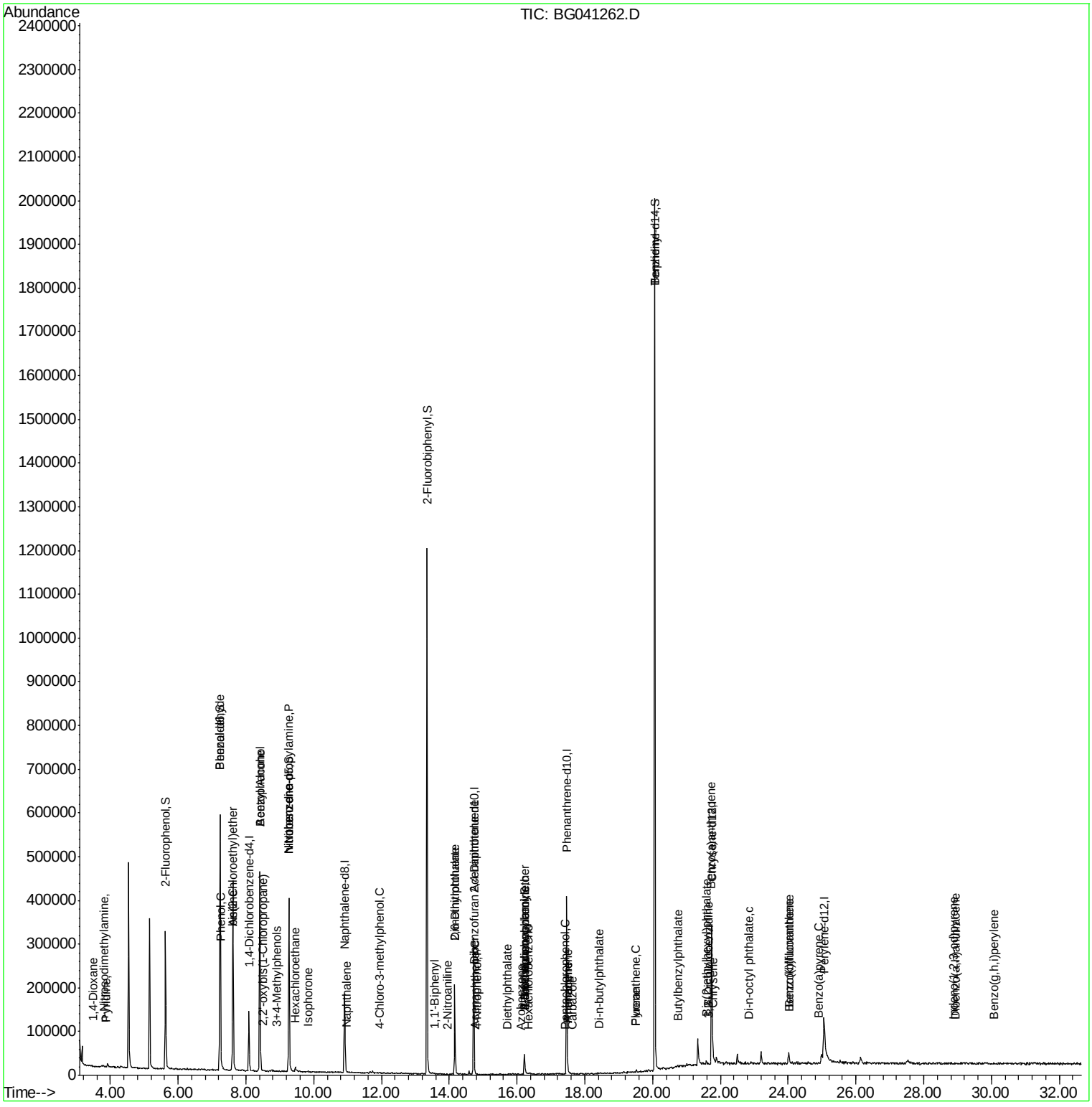
(#) = qualifier out of range (m) = manual integration (+) = signals summed

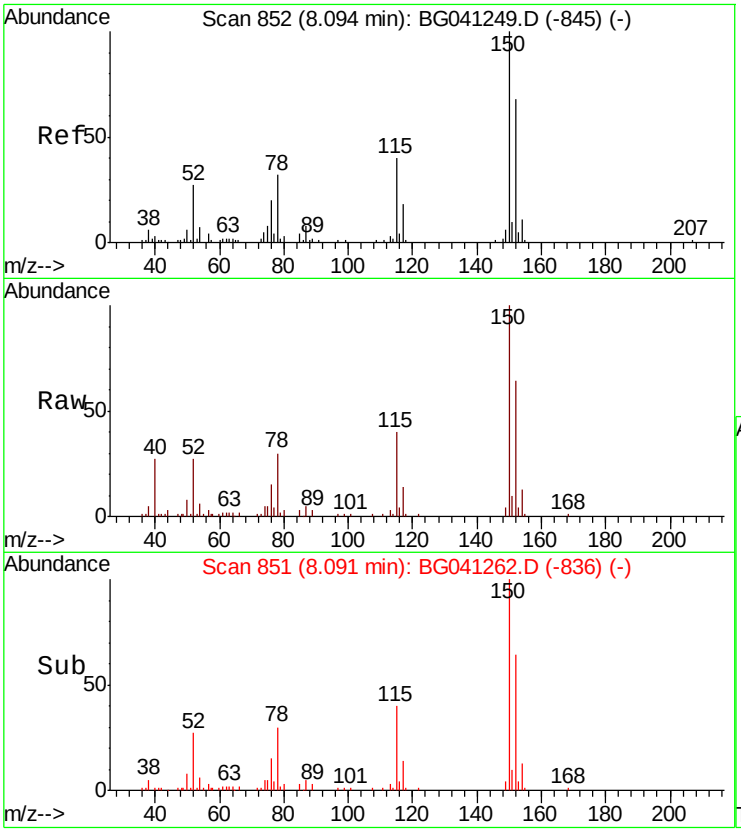
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061419\
Data File : BG041262.D
Acq On : 14 Jun 2019 20:41
Operator : HP/JU
Sample : K3333-04RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Quant Time: Jun 15 03:34:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 14 15:26:06 2019
Response via : Initial Calibration



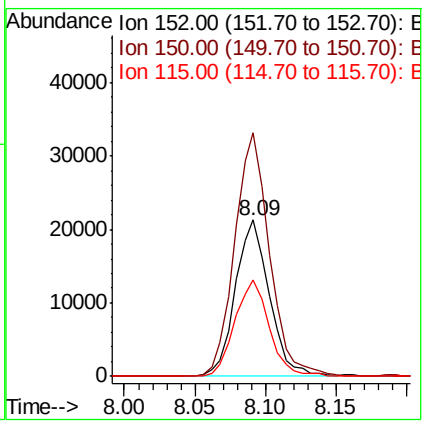


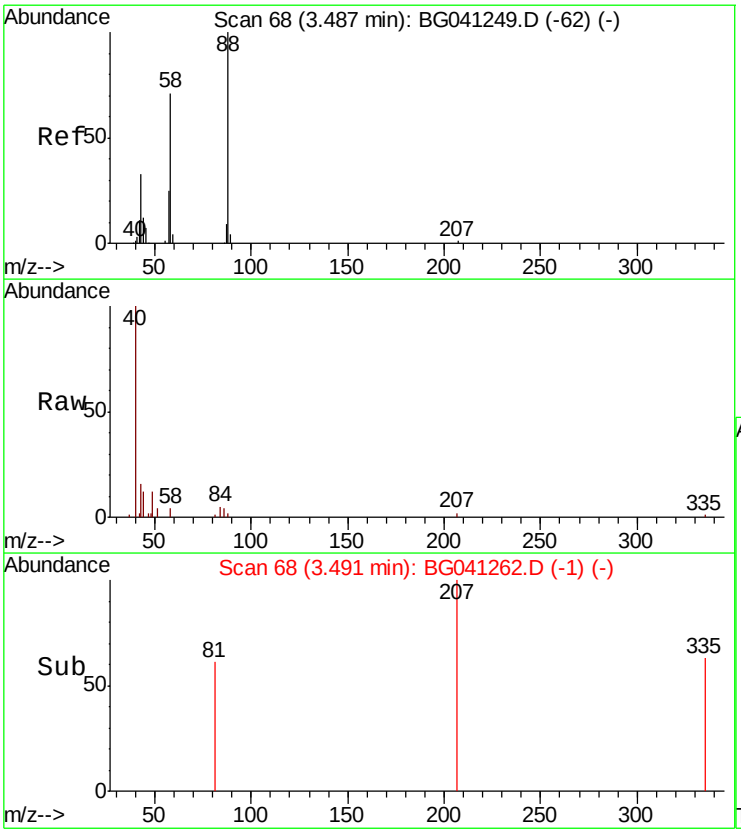
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:152 Resp: 35681

Ion	Ratio	Lower	Upper
152	100		
150	155.9	120.6	180.8
115	62.1	45.1	67.7

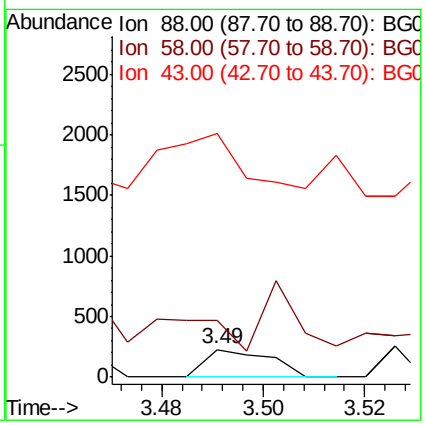


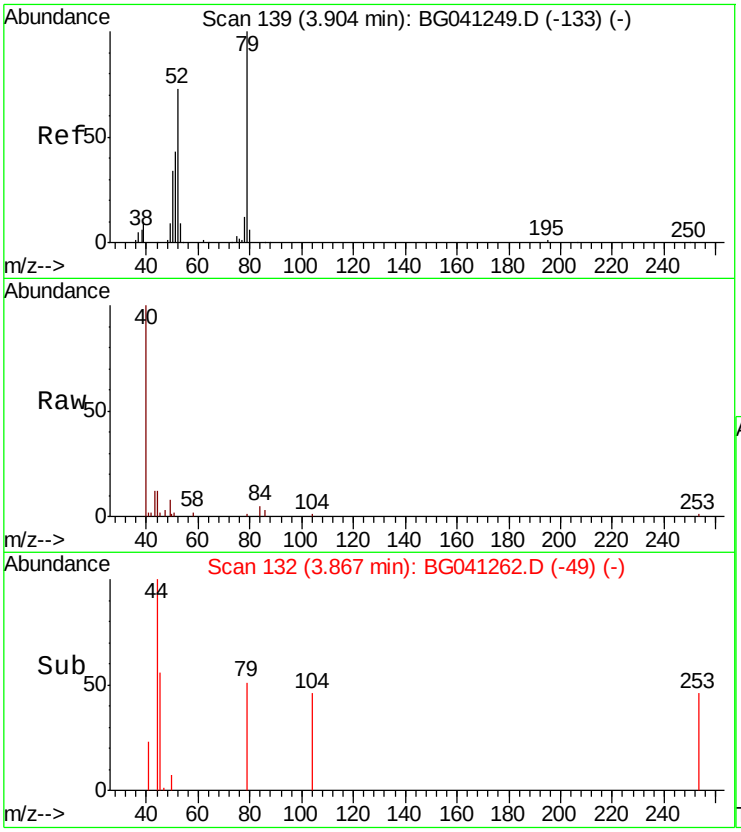


#2
1,4-Dioxane
Concen: 0.251 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion: 88 Resp: 203

Ion	Ratio	Lower	Upper
88	100		
58	135.0	59.0	88.6#
43	264.5	27.2	40.8#



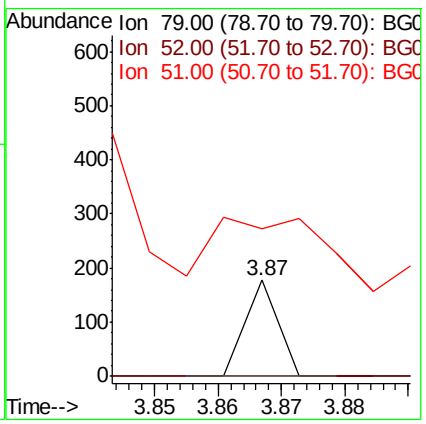


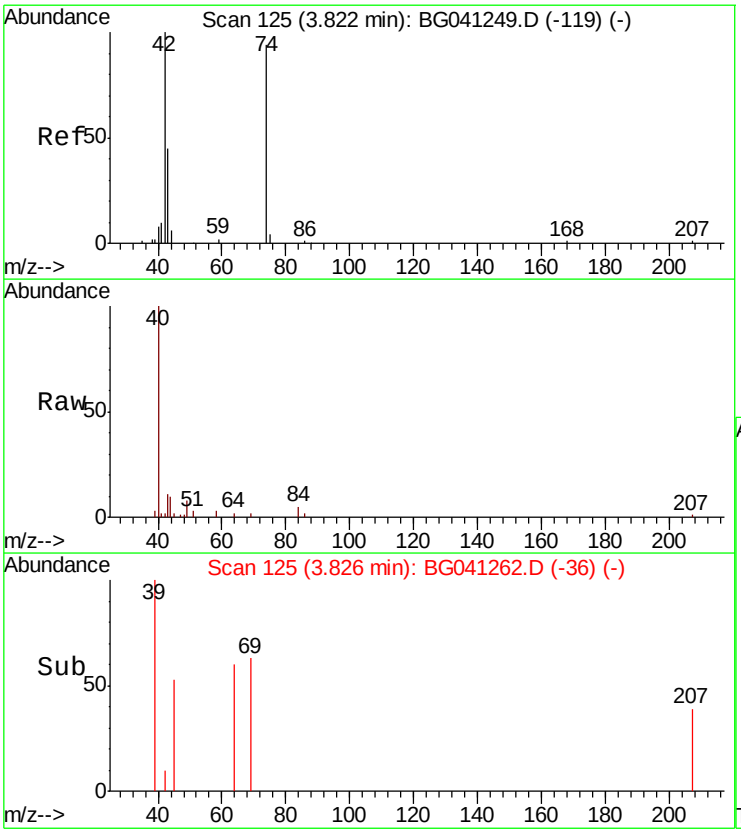
#3
Pyridine
Concen: 0.026 ng
RT: 3.87 min Scan# 132
Delta R.T. -0.04 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion: 79 Resp: 62

Ion	Ratio	Lower	Upper
79	100		
52	0.0	64.8	97.2#
51	154.2	35.3	52.9#

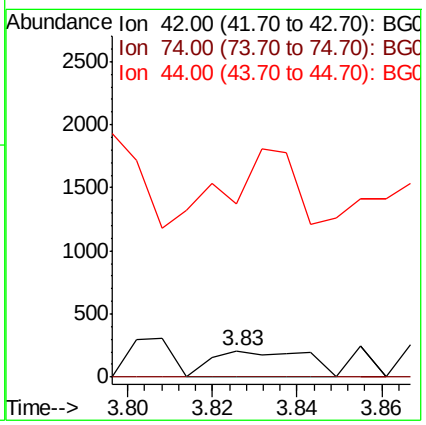


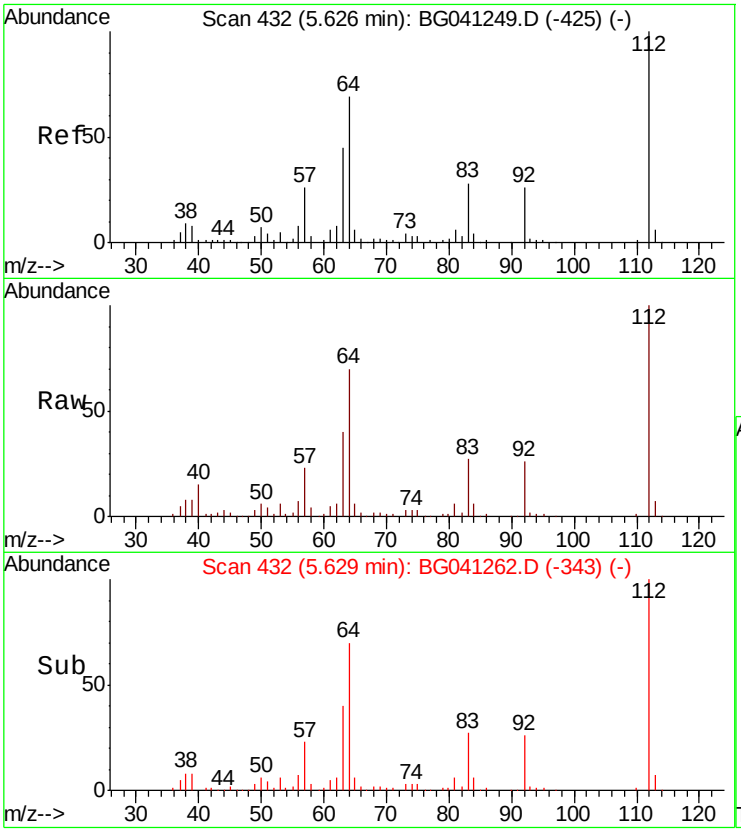


#4
n-Nitrosodimethylamine
Concen: 0.266 ng
RT: 3.83 min Scan# 125
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion: 42 Resp: 326

Ion	Ratio	Lower	Upper
42	100		
74	0.0	91.8	137.6#
44	648.8	6.0	9.0#



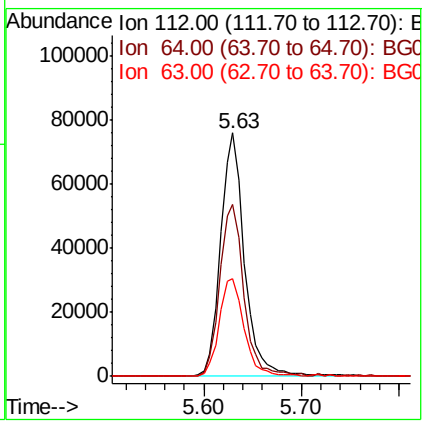


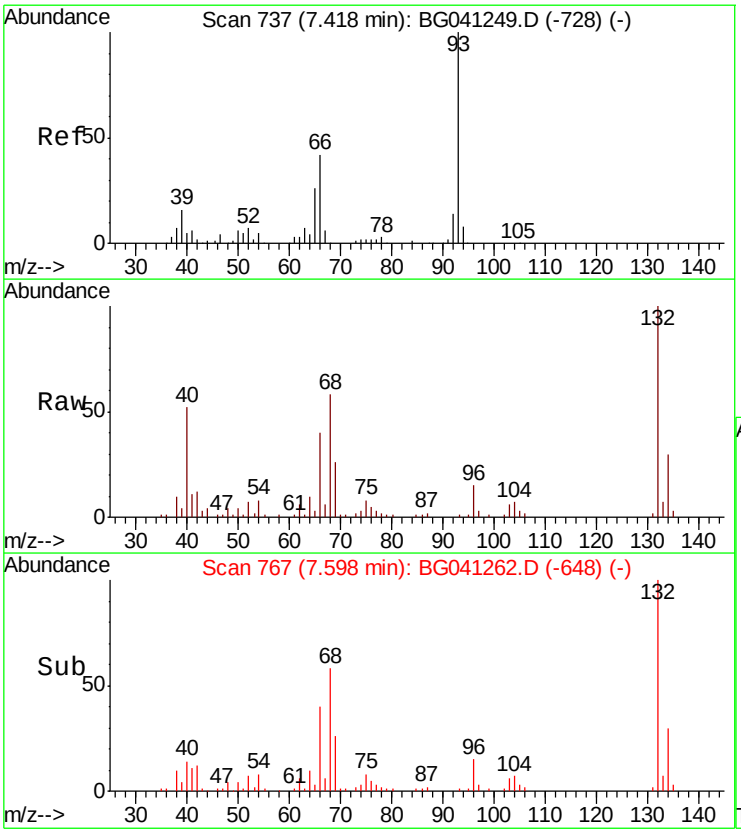
#5
2-Fluorophenol
Concen: 66.619 ng
RT: 5.63 min Scan# 432
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:112 Resp: 129003

Ion	Ratio	Lower	Upper
112	100		
64	70.5	56.2	84.2
63	40.0	32.8	49.2

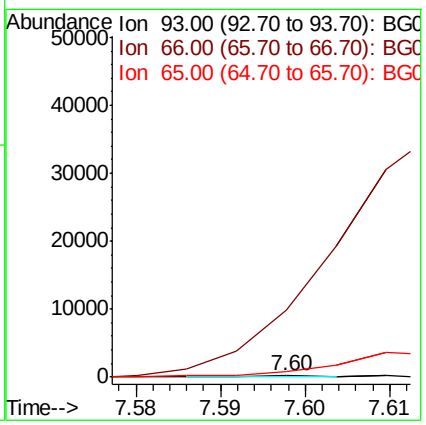


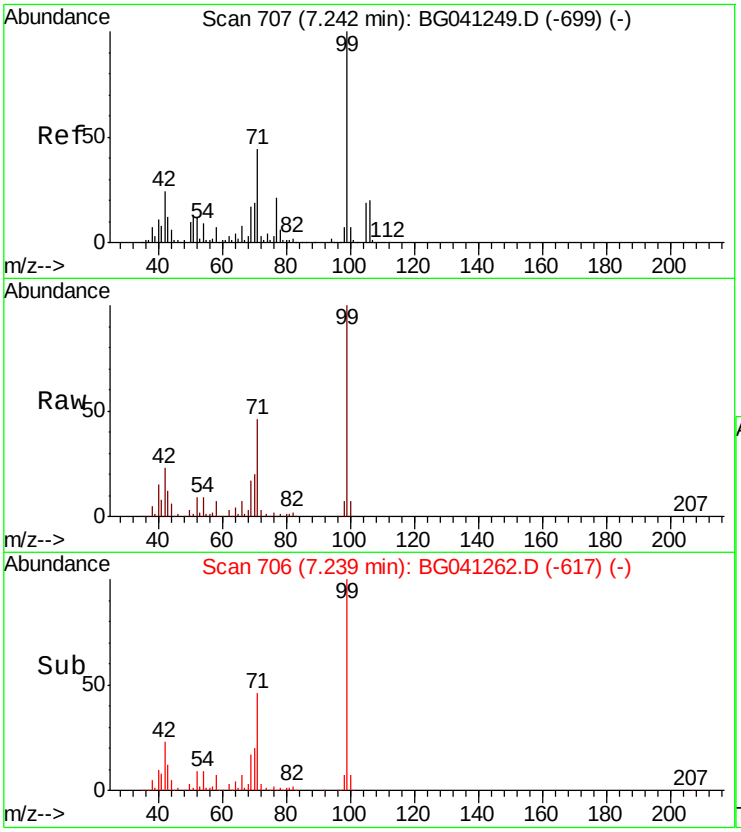


#6
Aniline
Concen: 0.017 ng
RT: 7.60 min Scan# 767
Delta R.T. 0.17 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion: 93 Resp: 64

Ion	Ratio	Lower	Upper
93	100		
66	5372.5	33.8	50.8#
65	451.1	18.3	27.5#



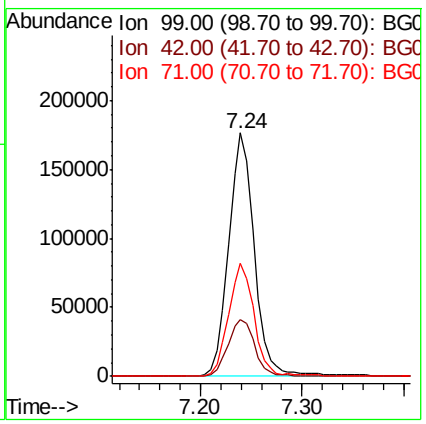


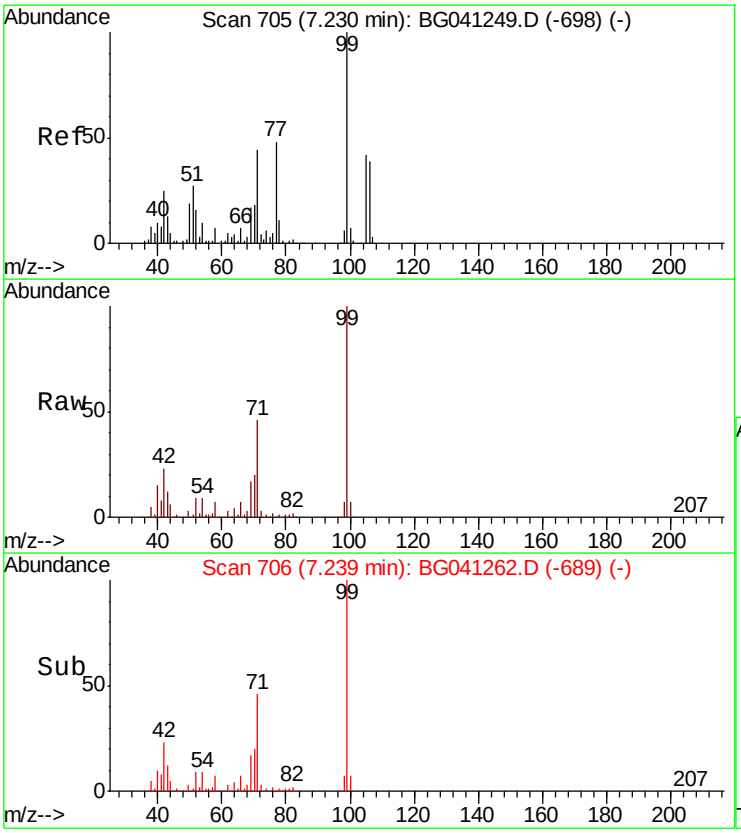
#7
Phenol-d6
Concen: 104.346 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion: 99 Resp: 308893

Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.9	26.9
71	46.3	35.4	53.0

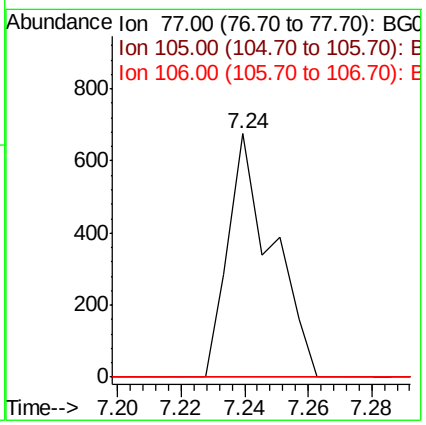


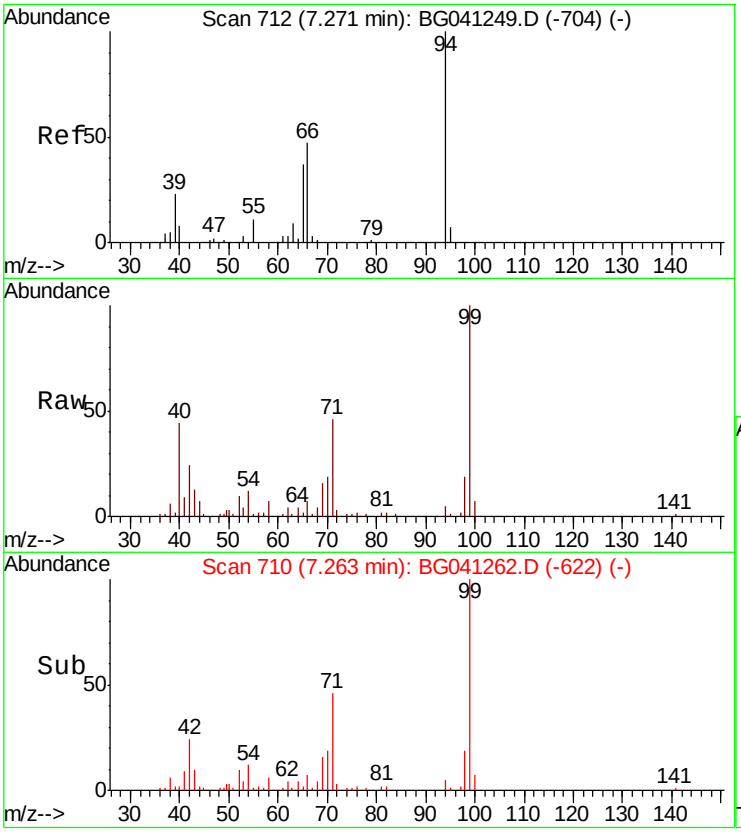


#9
Benzaldehyde
Concen: 0.346 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion: 77 Resp: 651

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



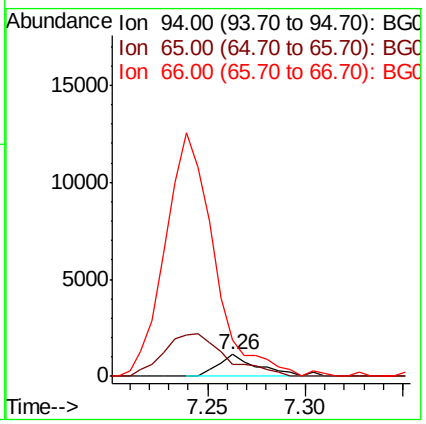


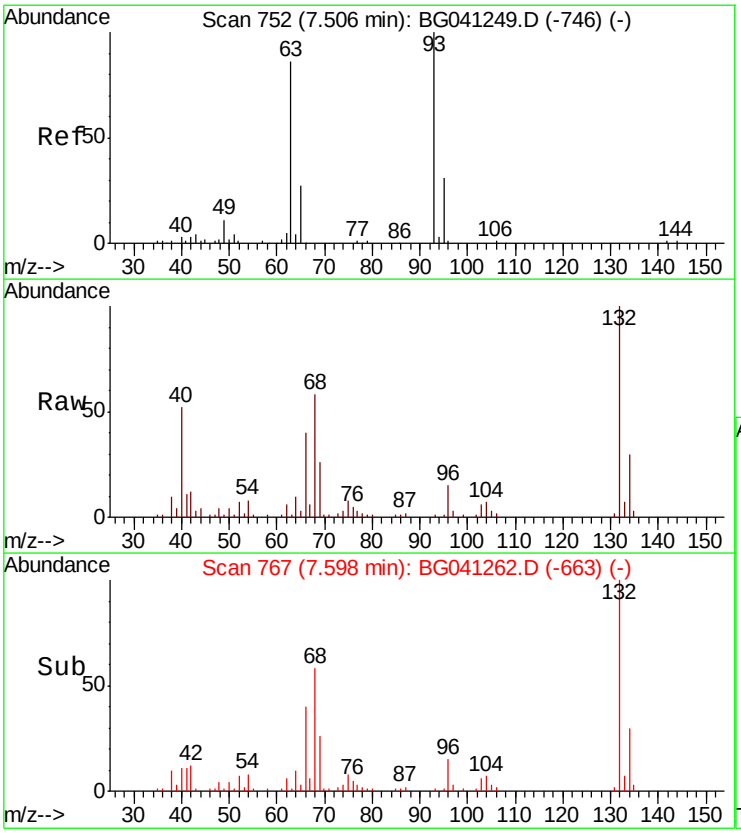
#10
Phenol
Concen: 0.504 ng
RT: 7.26 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion: 94 Resp: 1603

Ion	Ratio	Lower	Upper
94	100		
65	53.4	17.0	57.0
66	165.5	32.4	72.4#

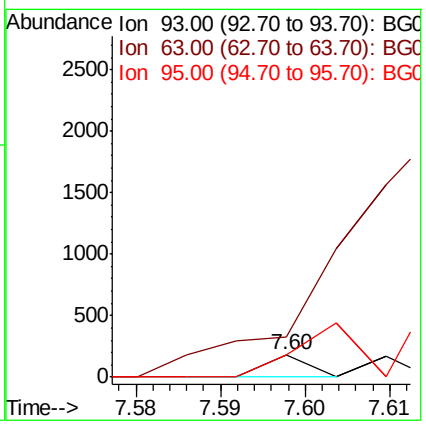


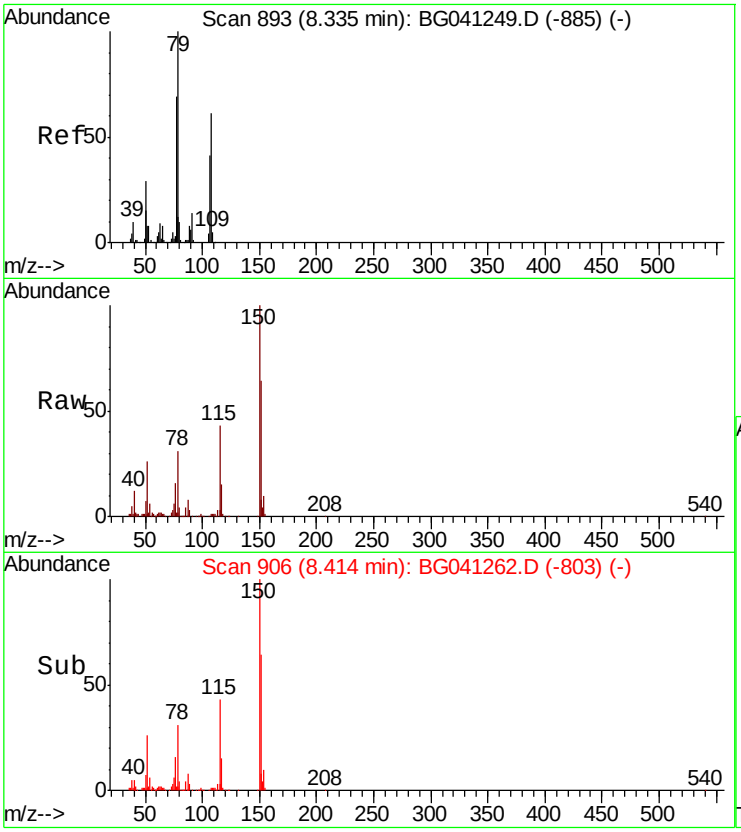


#11
bis(2-Chloroethyl)ether
Concen: 0.027 ng
RT: 7.60 min Scan# 767
Delta R.T. 0.08 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion: 93 Resp: 64

Ion	Ratio	Lower	Upper
93	100		
63	180.8	64.5	104.5#
95	101.6	13.3	53.3#



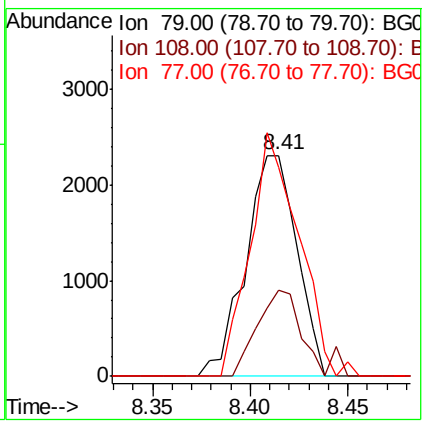


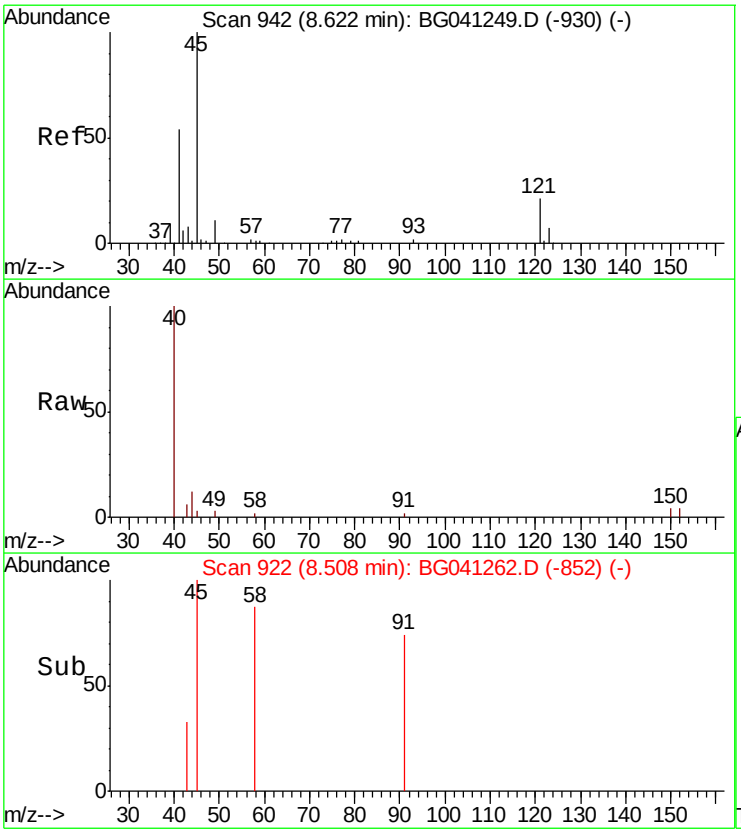
#15
Benzyl Alcohol
Concen: 1.541 ng
RT: 8.41 min Scan# 906
Delta R.T. 0.07 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion: 79 Resp: 4199

Ion	Ratio	Lower	Upper
79	100		
108	39.3	48.3	72.5#
77	94.9	52.3	78.5#

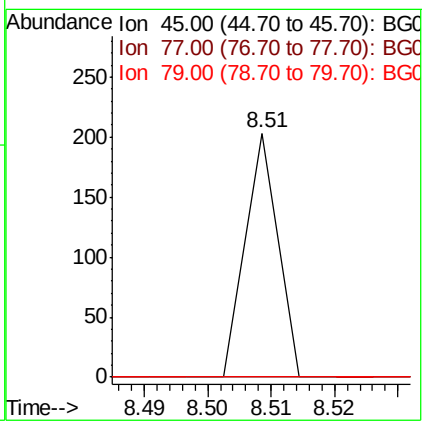


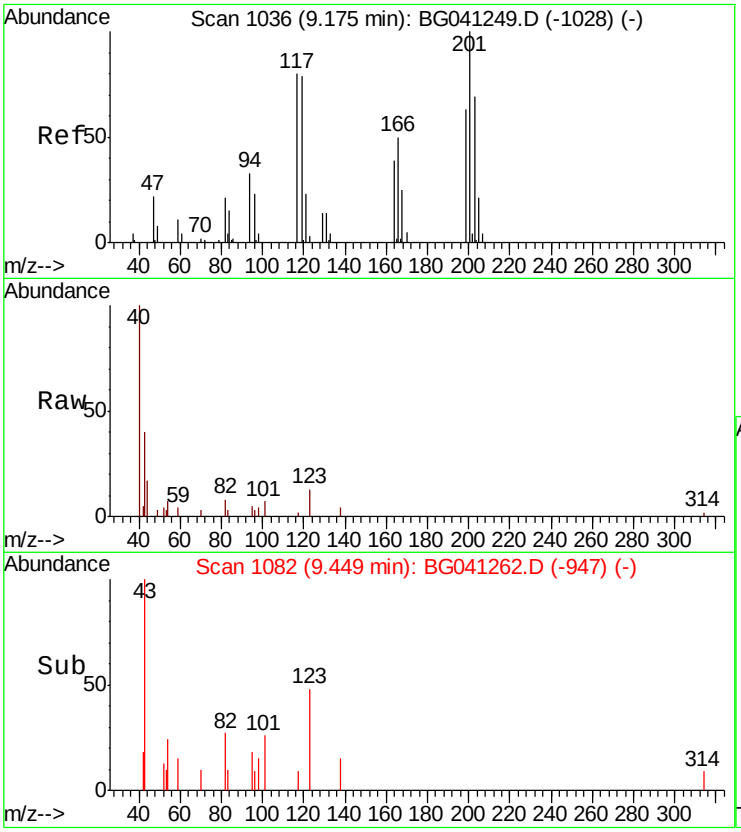


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.019 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.12 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion: 45 Resp: 72

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	33.7
79	0.0	0.0	30.2



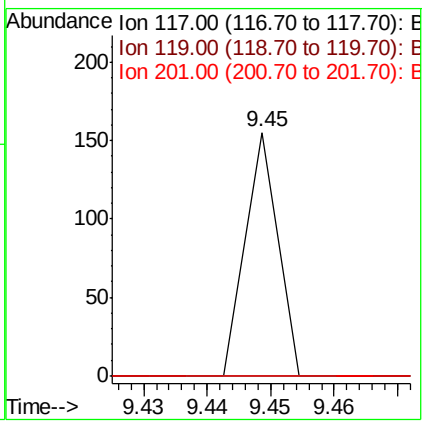


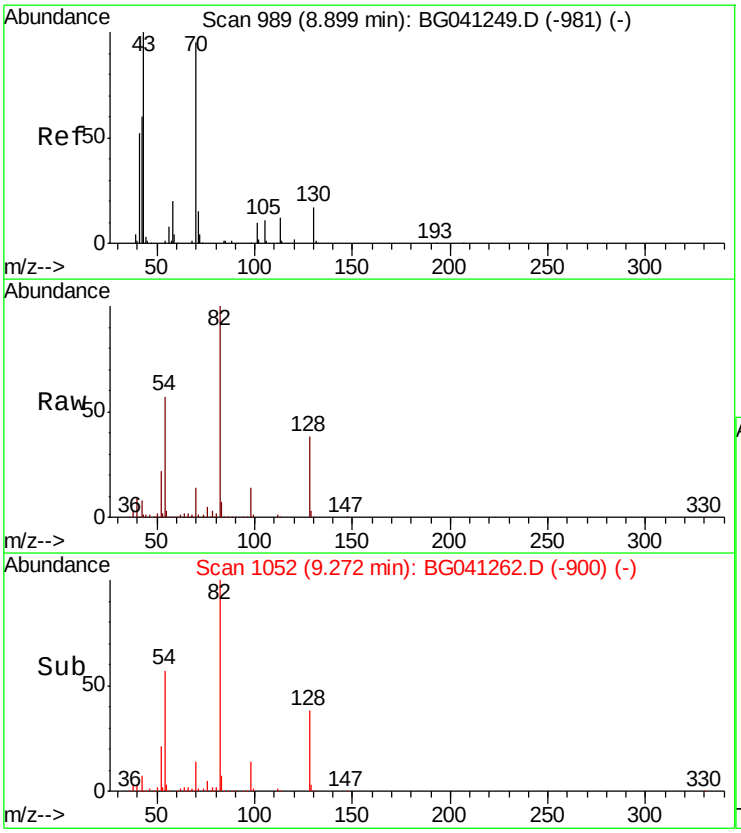
#18
Hexachloroethane
Concen: 0.048 ng
RT: 9.45 min Scan# 1082
Delta R.T. 0.26 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:117 Resp: 55

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.0	112.6#
201	0.0	103.5	155.3#

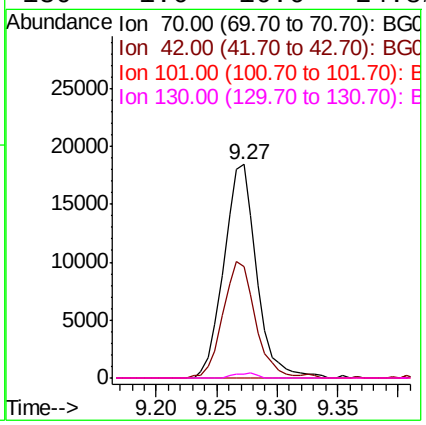


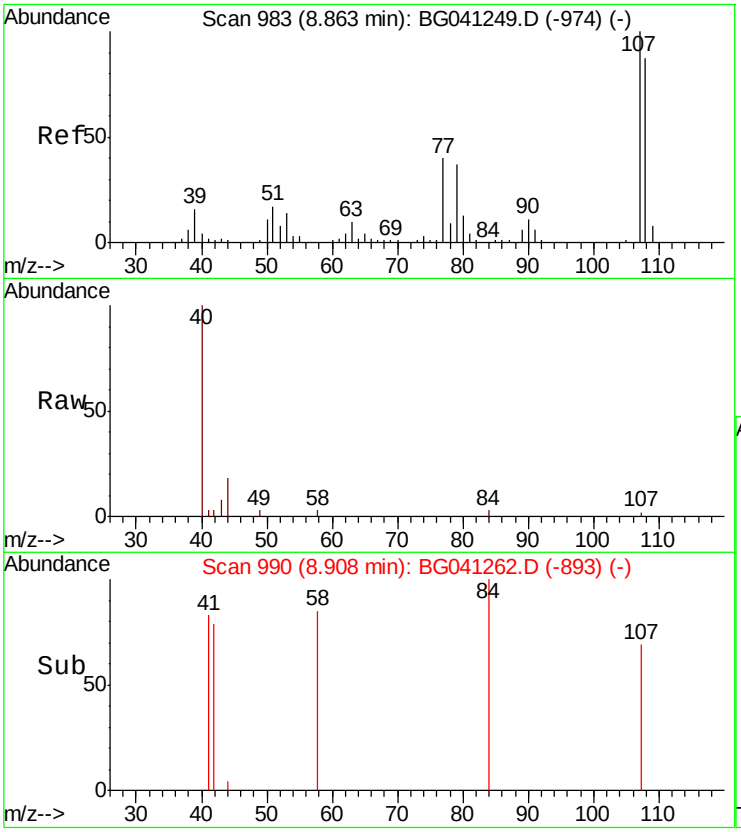


#19
n-Nitroso-di-n-propylamine
Concen: 15.292 ng
RT: 9.27 min Scan# 1052
Delta R.T. 0.36 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion: 70 Resp: 34648

Ion	Ratio	Lower	Upper
70	100		
42	52.5	51.5	77.3
101	0.0	8.1	12.1#
130	1.6	16.6	24.8#



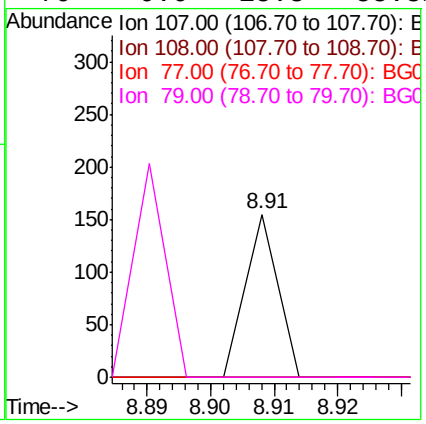


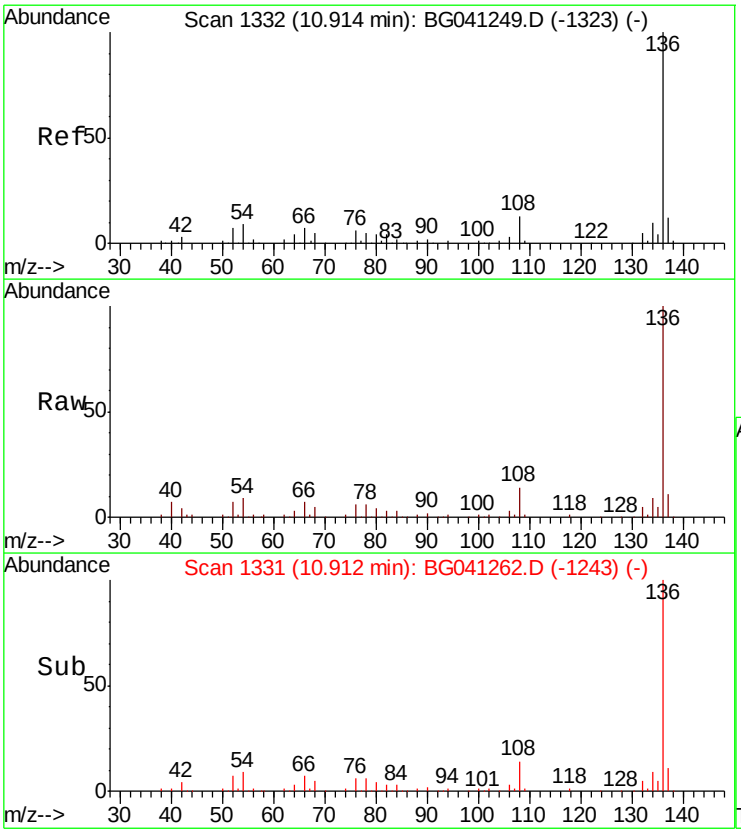
#20
3+4-Methylphenols
Concen: 0.017 ng
RT: 8.91 min Scan# 990
Delta R.T. 0.04 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:107 Resp: 55

Ion	Ratio	Lower	Upper
107	100		
108	0.0	66.8	106.8#
77	0.0	20.5	60.5#
79	0.0	15.8	55.8#

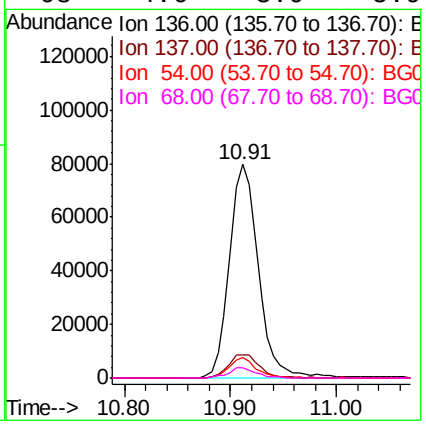


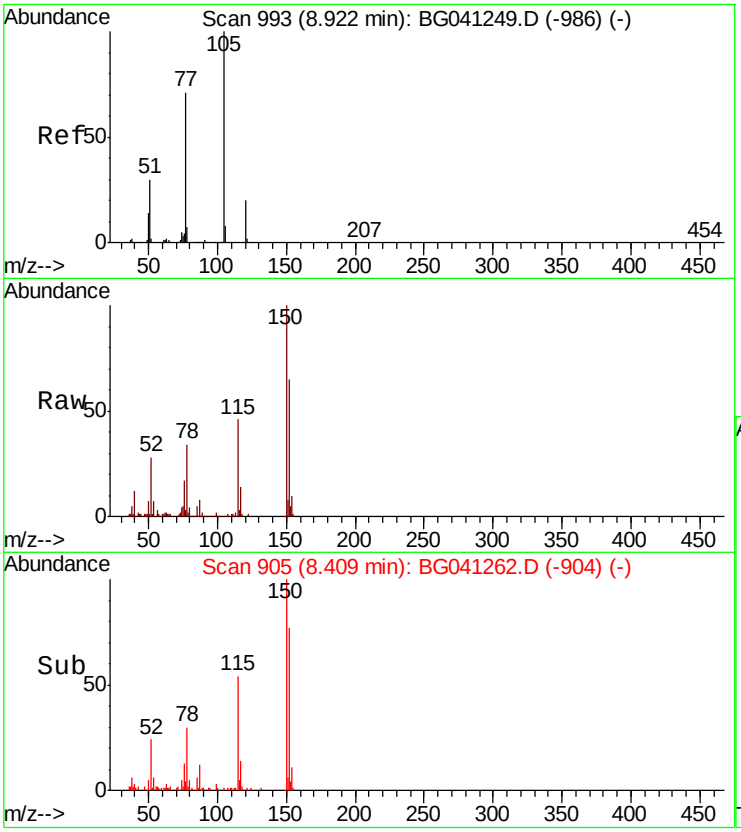


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:136 Resp: 151014

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.5	14.3
54	9.3	7.6	11.4
68	4.6	3.9	5.9



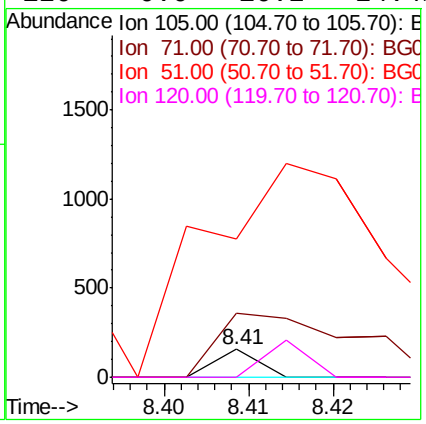


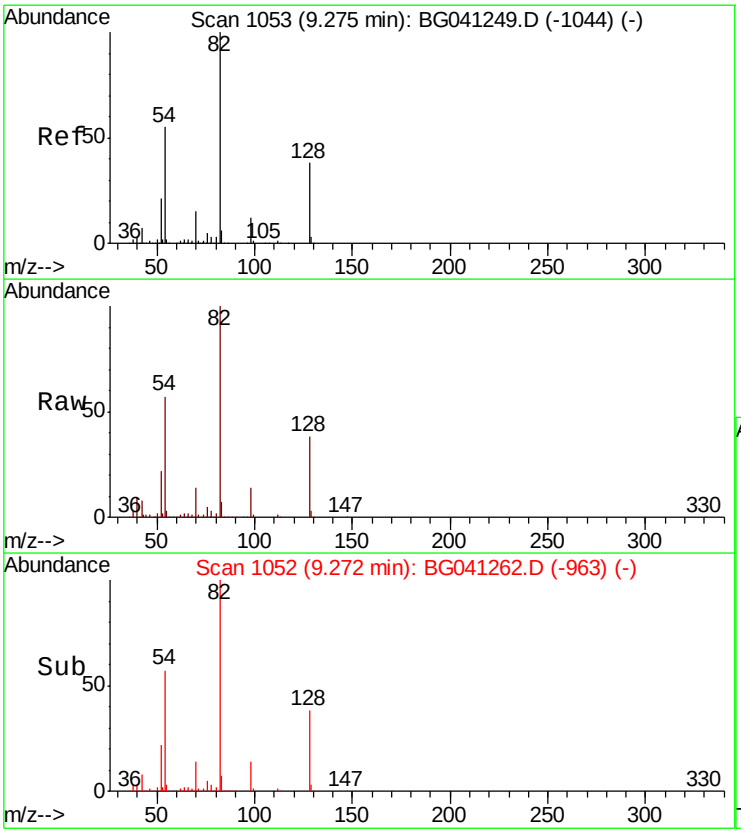
#22
Acetophenone
Concen: 0.013 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.52 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:105 Resp: 55

Ion	Ratio	Lower	Upper
105	100		
71	230.6	0.4	0.6#
51	493.6	27.0	40.6#
120	0.0	16.2	24.4#

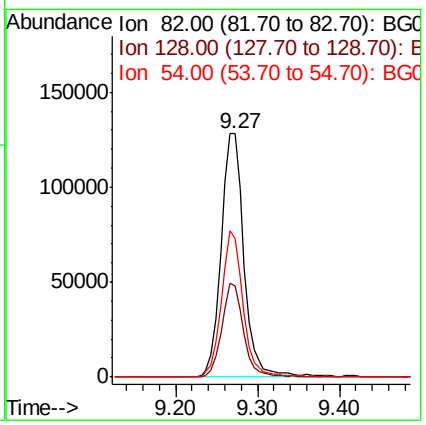


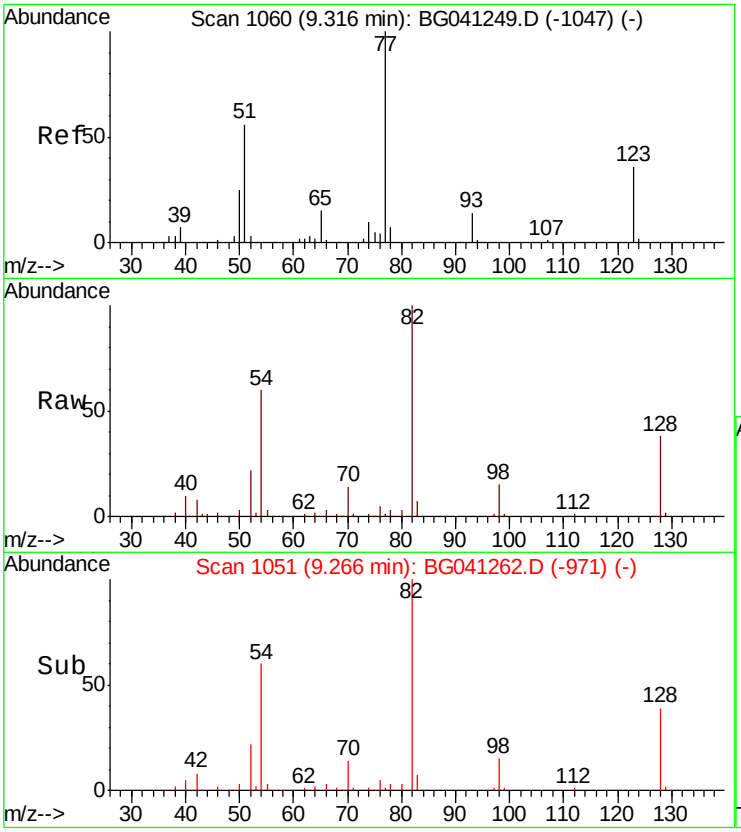


#23
Nitrobenzene-d5
Concen: 71.673 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion: 82 Resp: 249395

Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.5	45.7
54	57.1	44.6	66.8



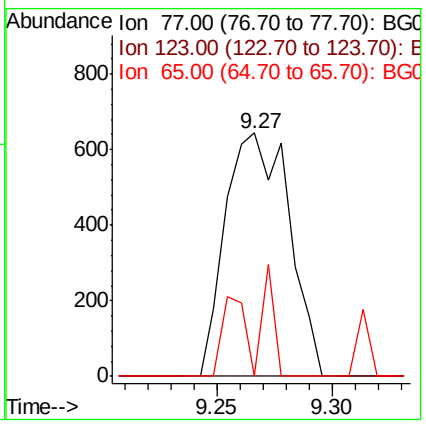


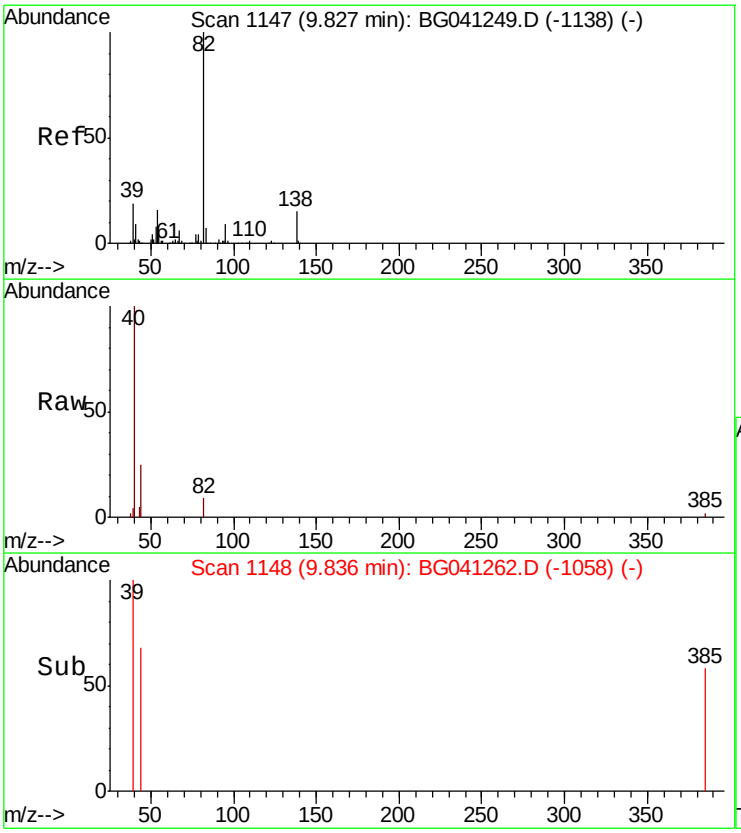
#24
Nitrobenzene
Concen: 0.353 ng
RT: 9.27 min Scan# 1051
Delta R.T. -0.06 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion: 77 Resp: 1231

Ion	Ratio	Lower	Upper
77	100		
123	0.0	30.6	46.0#
65	0.0	12.3	18.5#

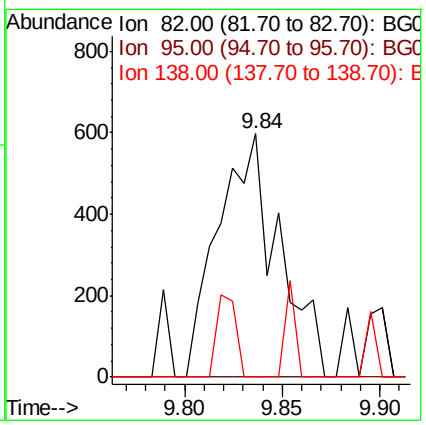


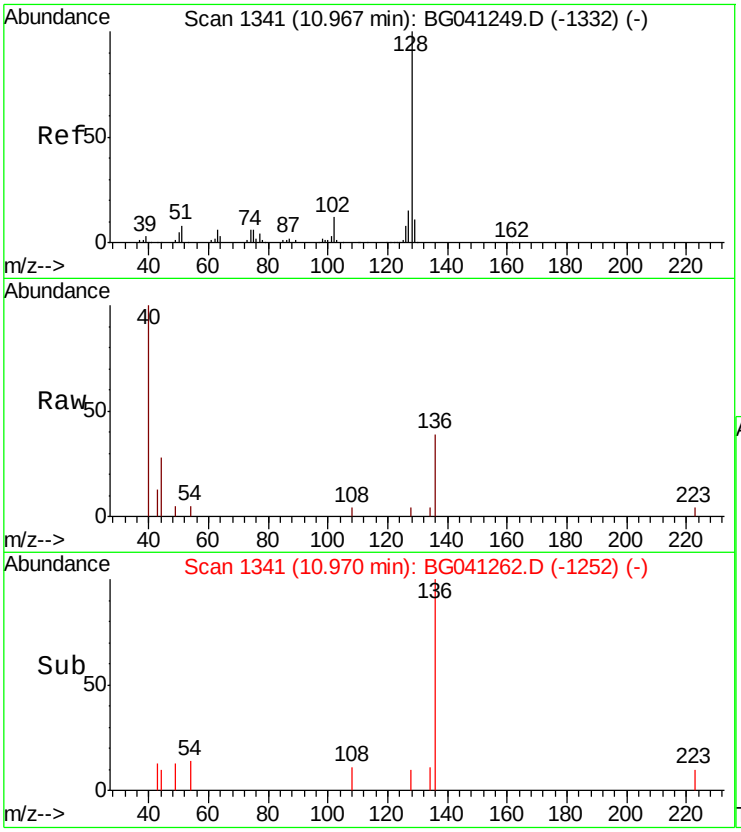


#25
Isophorone
Concen: 0.210 ng
RT: 9.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion: 82 Resp: 1291

Ion	Ratio	Lower	Upper
82	100		
95	0.0	7.0	10.4#
138	0.0	12.6	19.0#



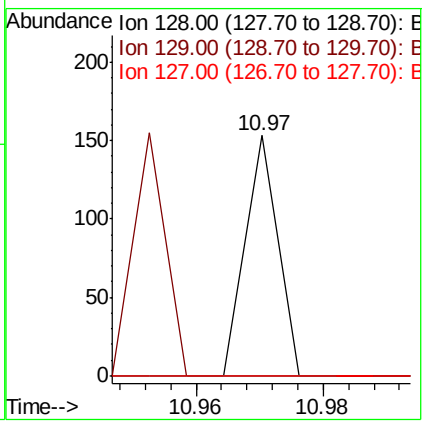


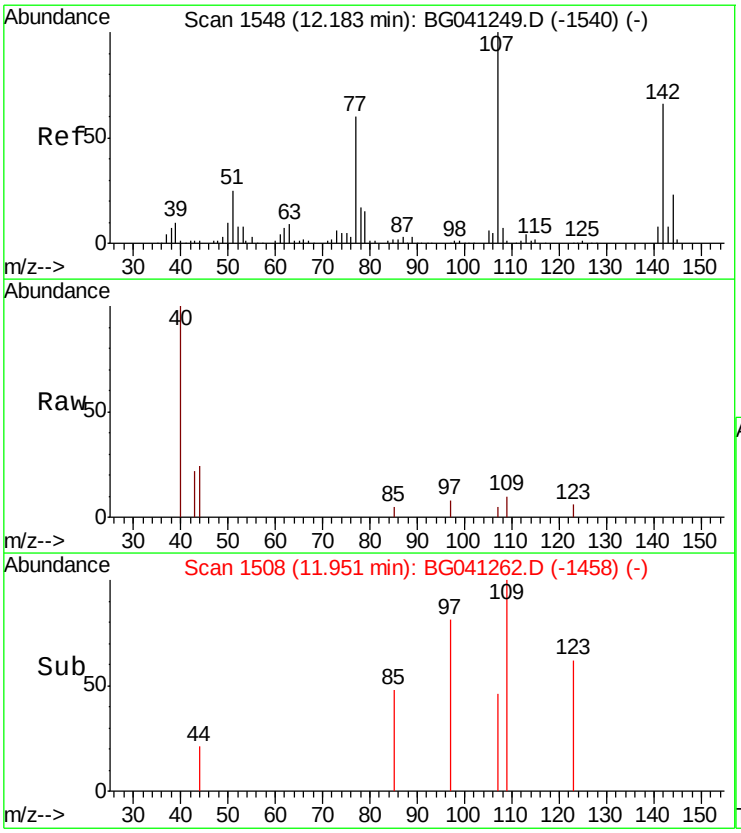
#31
Naphthalene
Concen: 0.007 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:128 Resp: 54

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.5	12.7#
127	0.0	11.4	17.2#

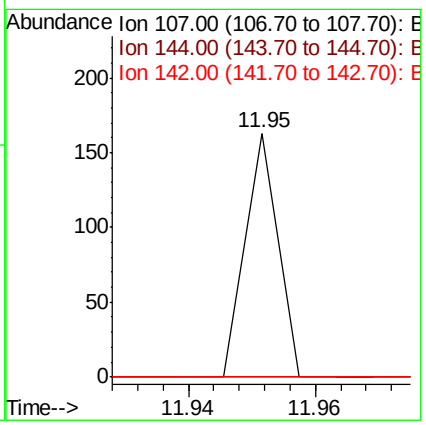


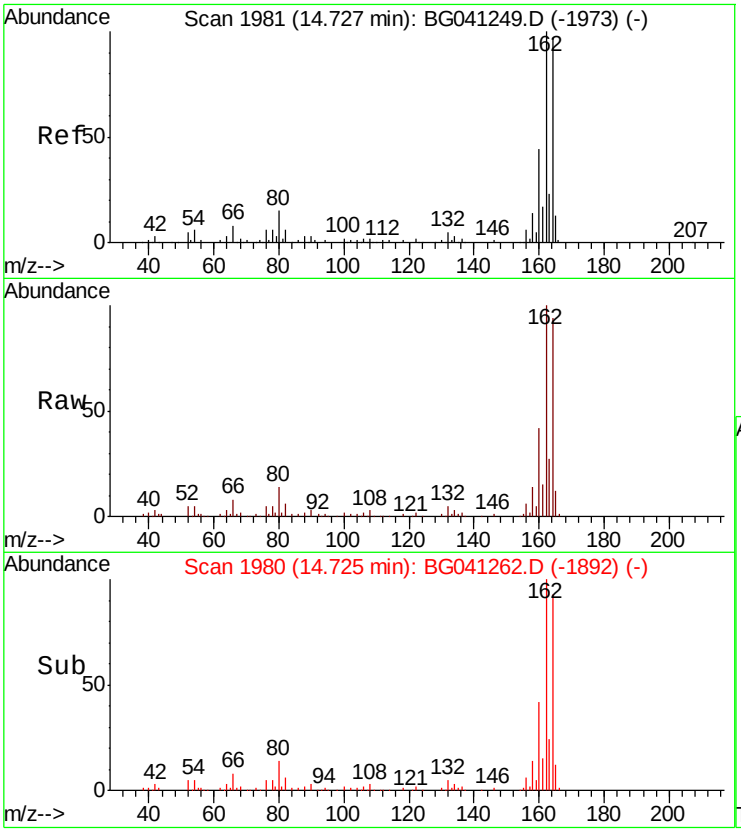


#36
4-Chloro-3-methylphenol
Concen: 0.019 ng
RT: 11.95 min Scan# 1508
Delta R.T. -0.24 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:107 Resp: 57

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.4	29.0#
142	0.0	57.3	85.9#



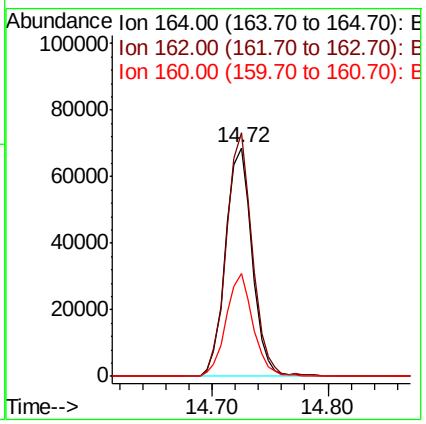


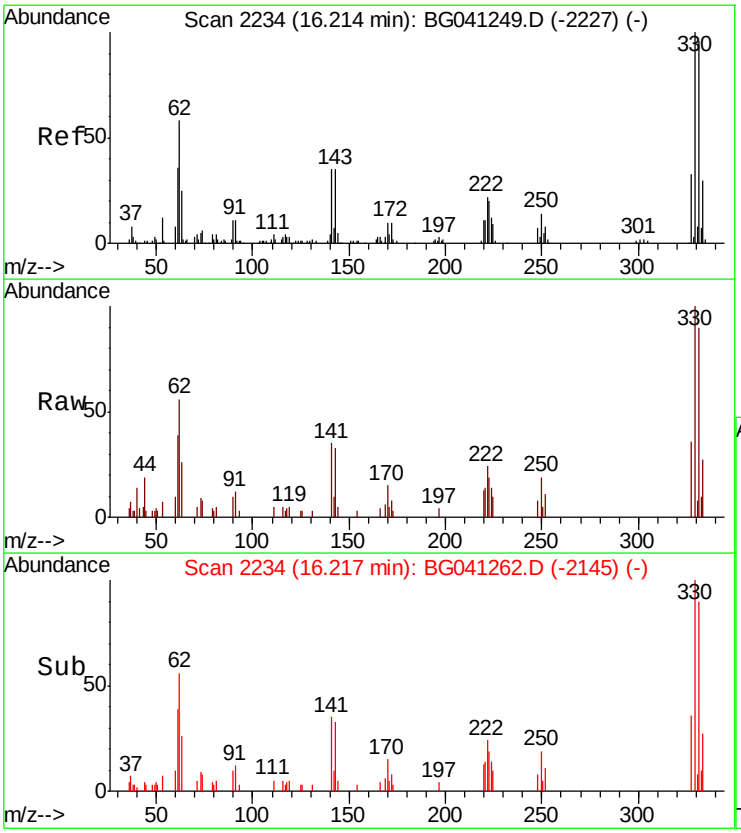
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:164 Resp: 109555

Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.0	124.4
160	44.9	35.6	53.4

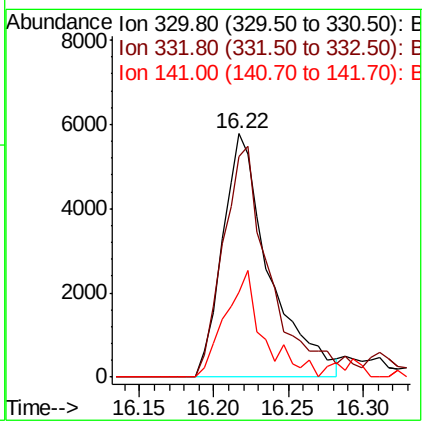


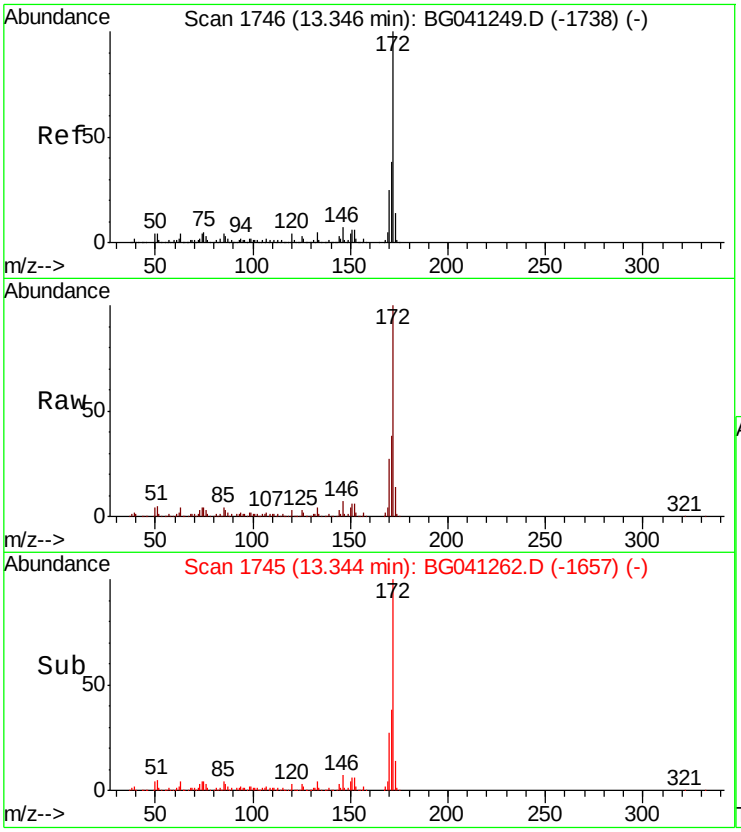


#42
2,4,6-Tribromophenol
Concen: 8.342 ng
RT: 16.22 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:330 Resp: 12642

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.5	117.7
141	35.5	28.7	43.1



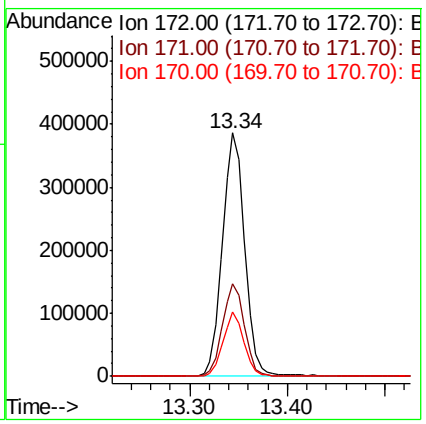


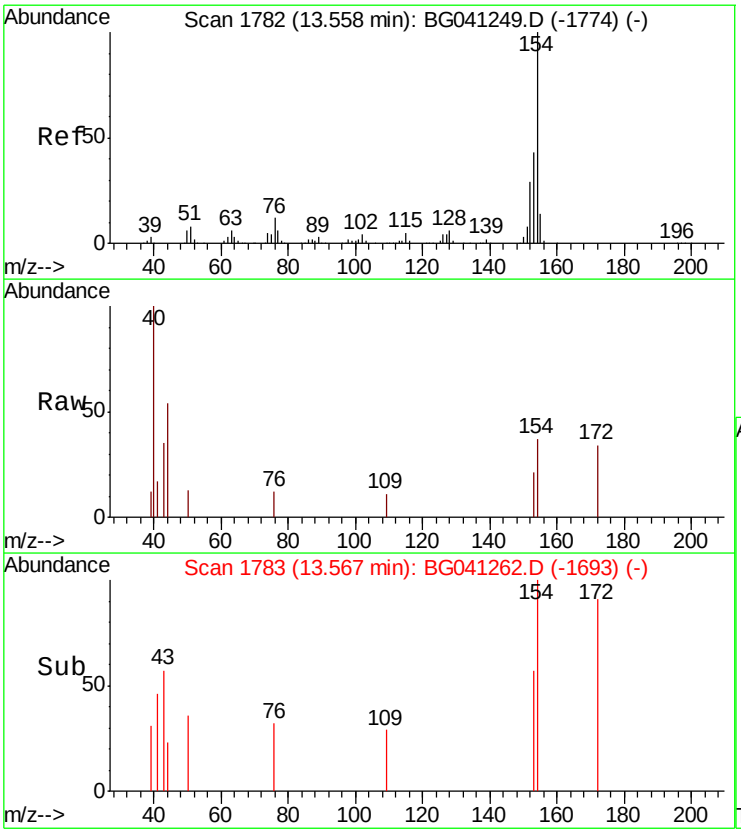
#45
2-Fluorobiphenyl
Concen: 73.885 ng
RT: 13.34 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:172 Resp: 611533

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.1	46.7
170	26.5	20.5	30.7

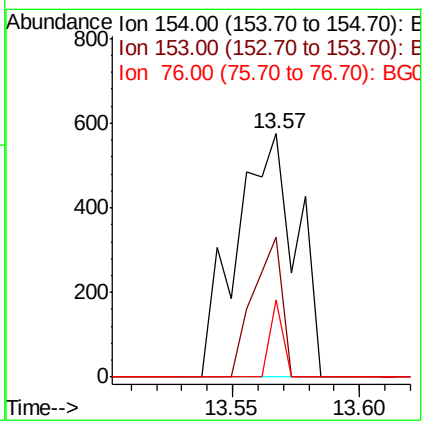


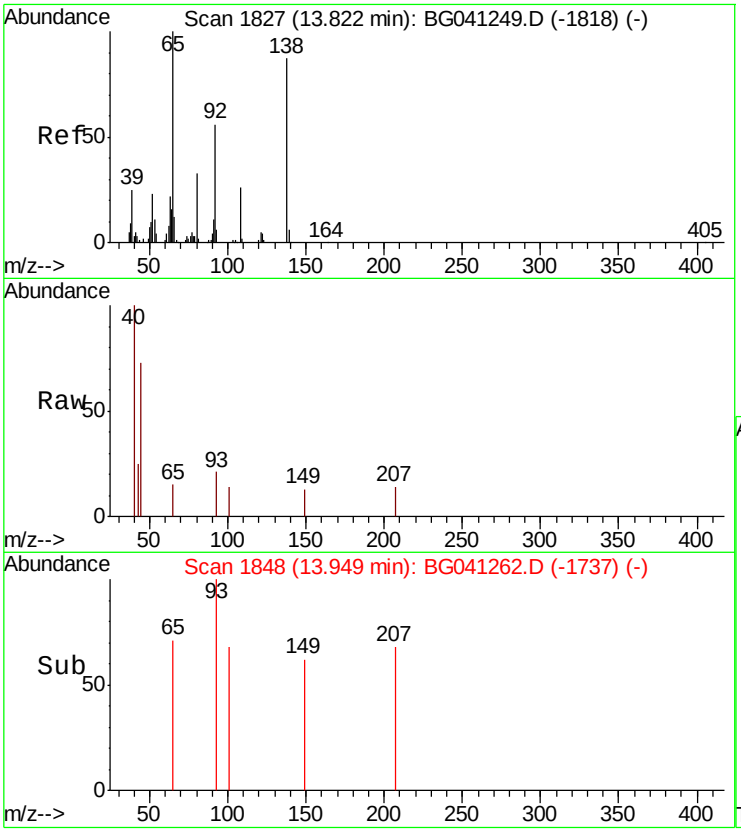


#46
1,1'-Biphenyl
Concen: 0.112 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:154 Resp: 952

Ion	Ratio	Lower	Upper
154	100		
153	57.4	23.3	63.3
76	31.7	0.0	31.1#



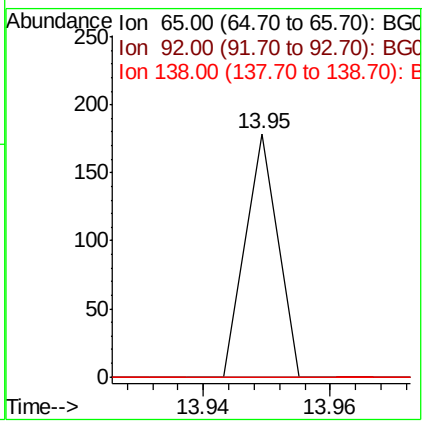


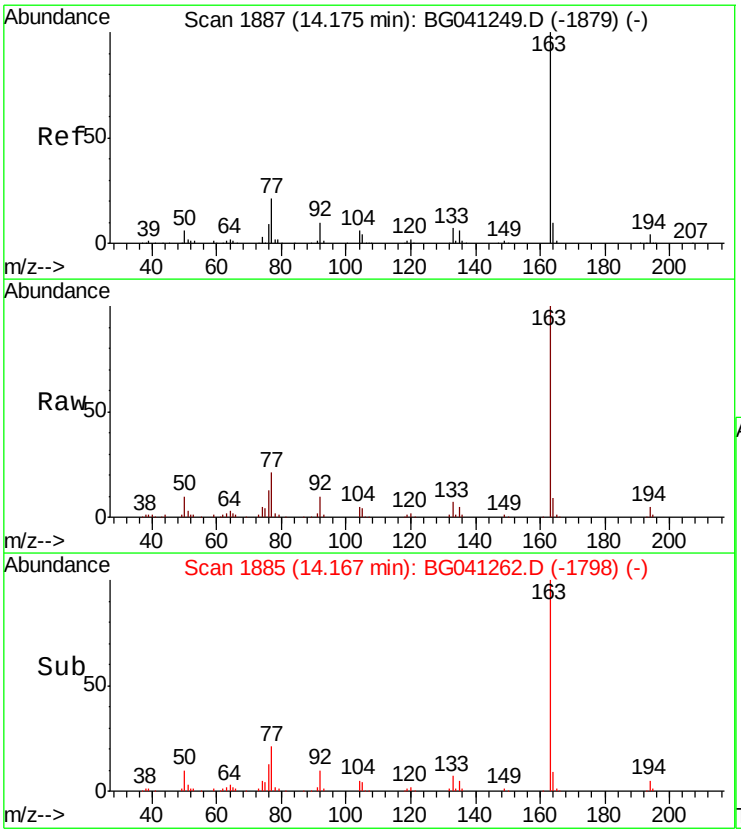
#48
2-Nitroaniline
Concen: 0.025 ng
RT: 13.95 min Scan# 1848
Delta R.T. 0.12 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion: 65 Resp: 63

Ion	Ratio	Lower	Upper
65	100		
92	0.0	51.0	76.6#
138	0.0	71.2	106.8#

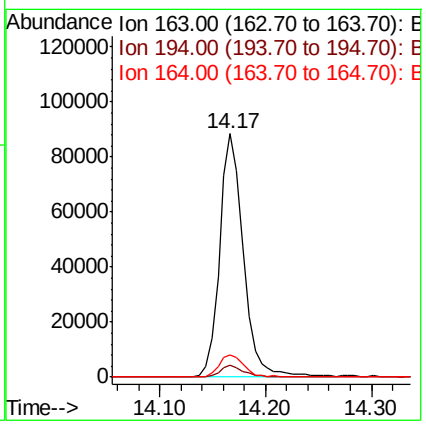


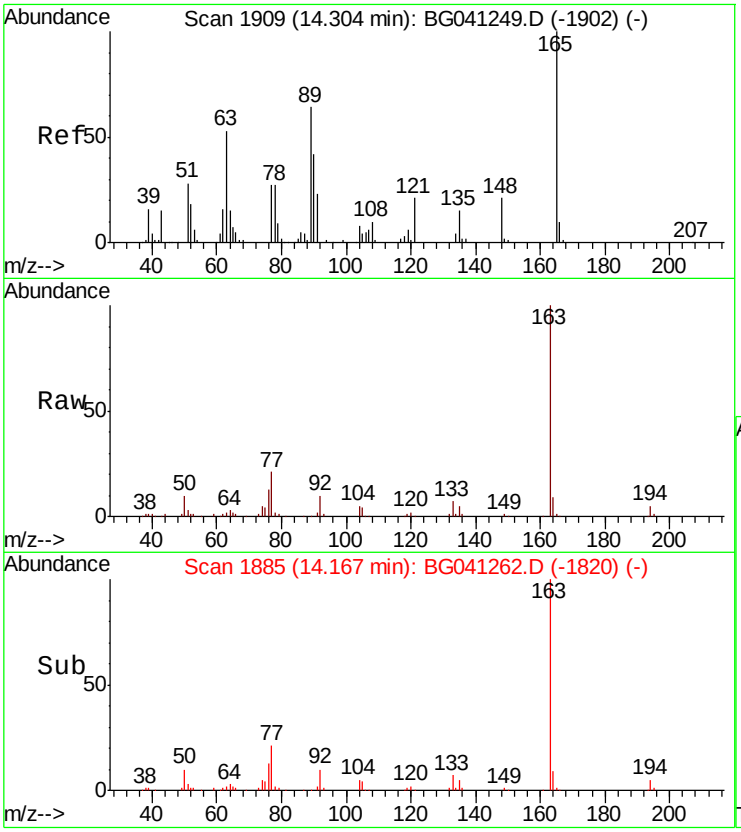


#50
Dimethylphthalate
Concen: 14.920 ng
RT: 14.17 min Scan# 1885
Delta R.T. -0.02 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:163 Resp: 137775

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.8
164	9.0	8.7	13.1



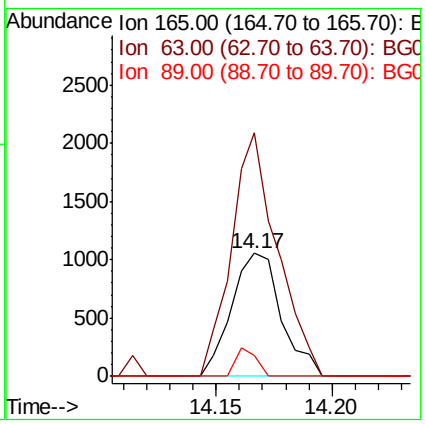


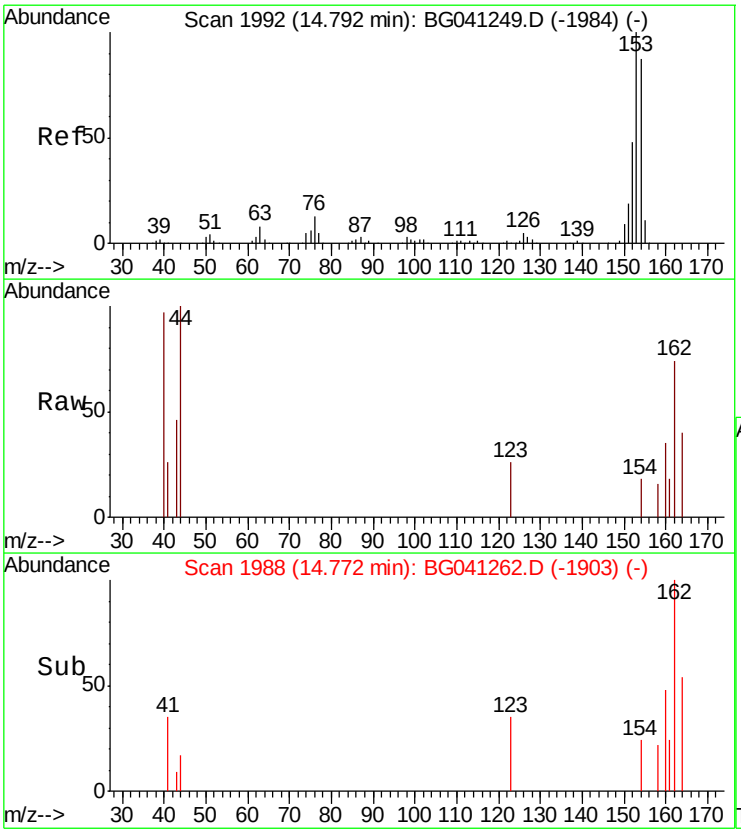
#51
2,6-Dinitrotoluene
Concen: 0.802 ng
RT: 14.17 min Scan# 1885
Delta R.T. -0.15 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:165 Resp: 1589

Ion	Ratio	Lower	Upper
165	100		
63	197.9	53.6	80.4#
89	16.9	50.4	75.6#

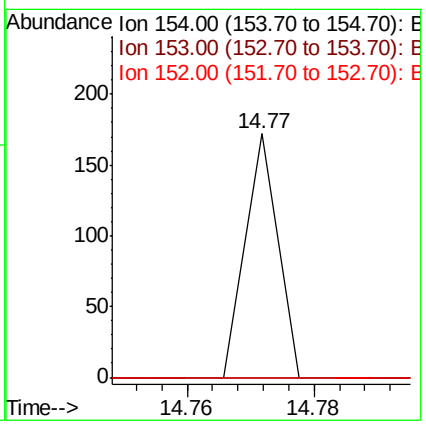


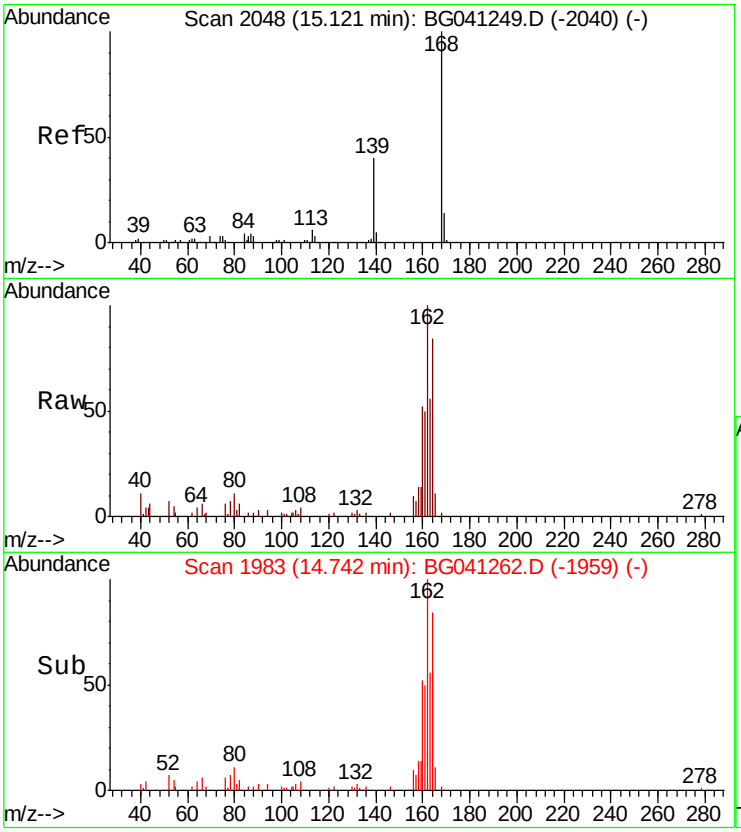


#52
Acenaphthene
Concen: 0.010 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.03 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:154 Resp: 61

Ion	Ratio	Lower	Upper
154	100		
153	0.0	88.6	133.0#
152	0.0	44.2	66.4#



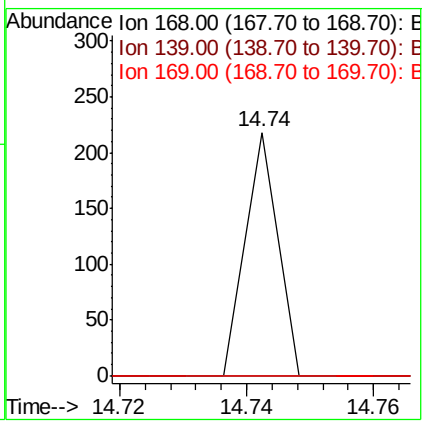


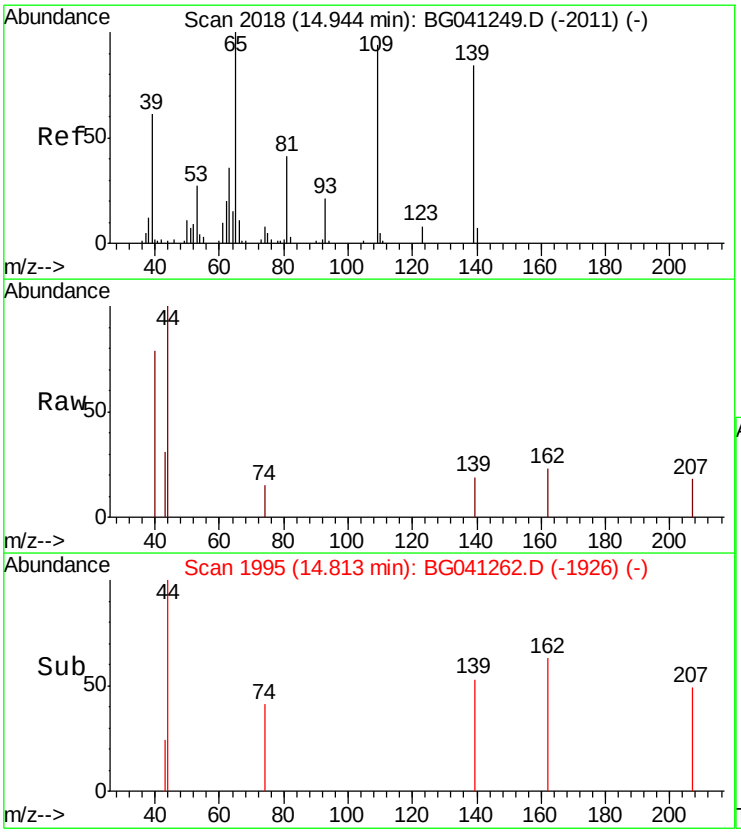
#55
Dibenzofuran
Concen: 0.007 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.39 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:168 Resp: 77

Ion	Ratio	Lower	Upper
168	100		
139	0.0	32.8	49.2#
169	0.0	11.3	16.9#

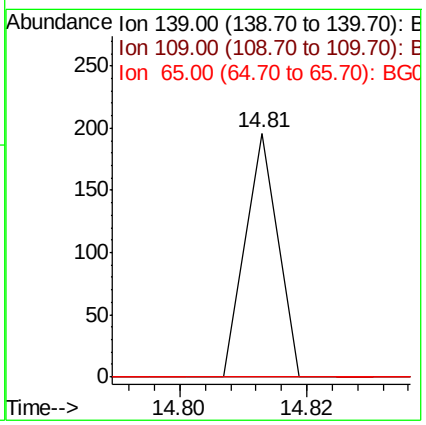


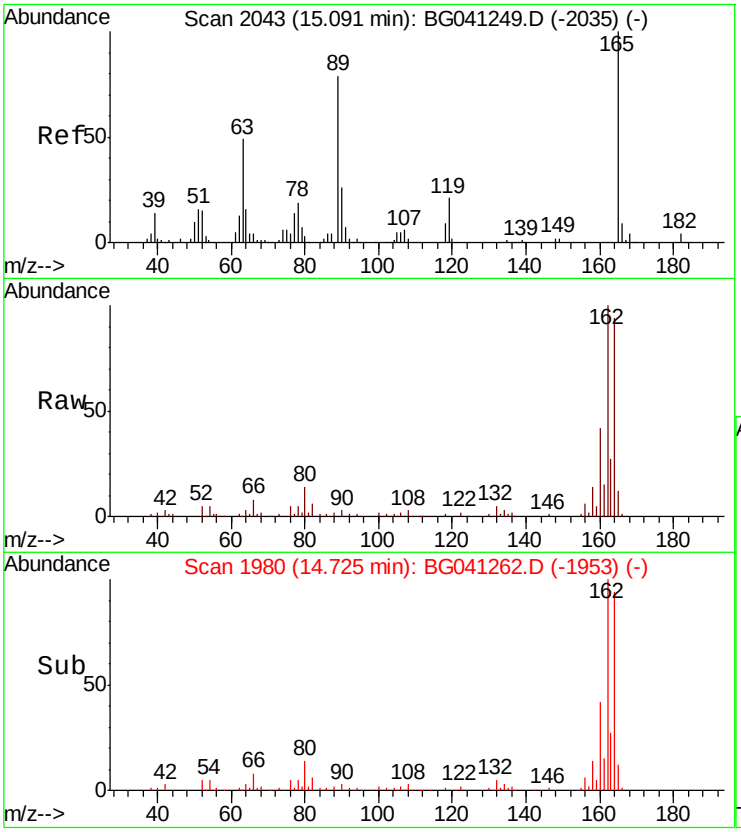


#56
4-Nitrophenol
Concen: 9.353 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.13 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:139 Resp: 69

Ion	Ratio	Lower	Upper
139	100		
109	0.0	79.6	119.6#
65	0.0	96.9	136.9#



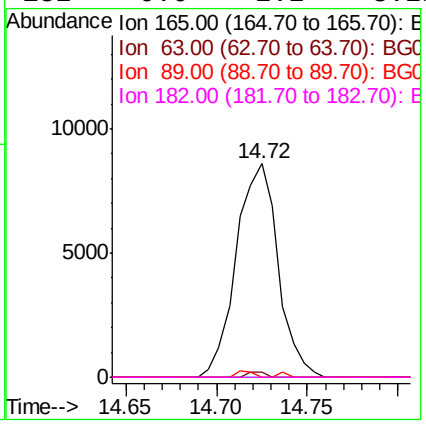


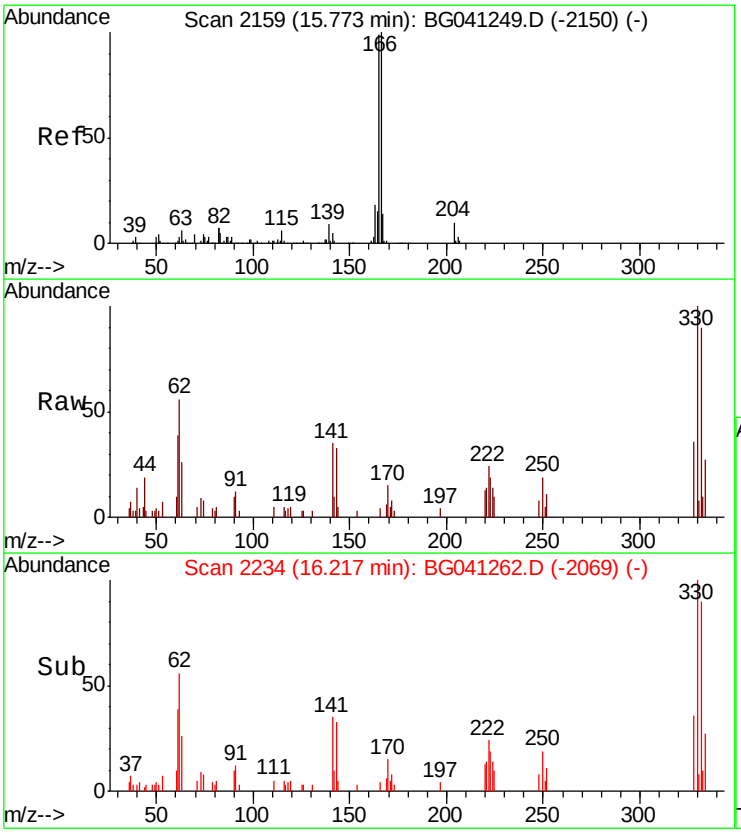
#57
2,4-Dinitrotoluene
Concen: 5.017 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.37 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:165 Resp: 13789

Ion	Ratio	Lower	Upper
165	100		
63	2.7	37.3	55.9#
89	0.0	61.0	91.6#
182	0.0	2.2	3.2#

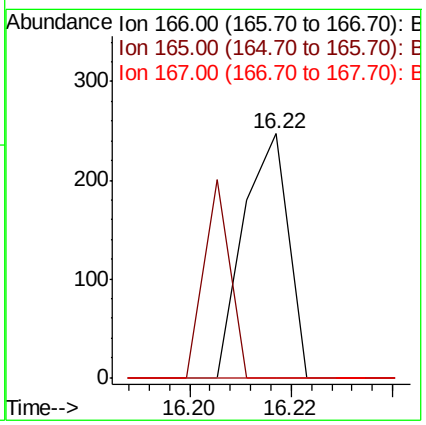


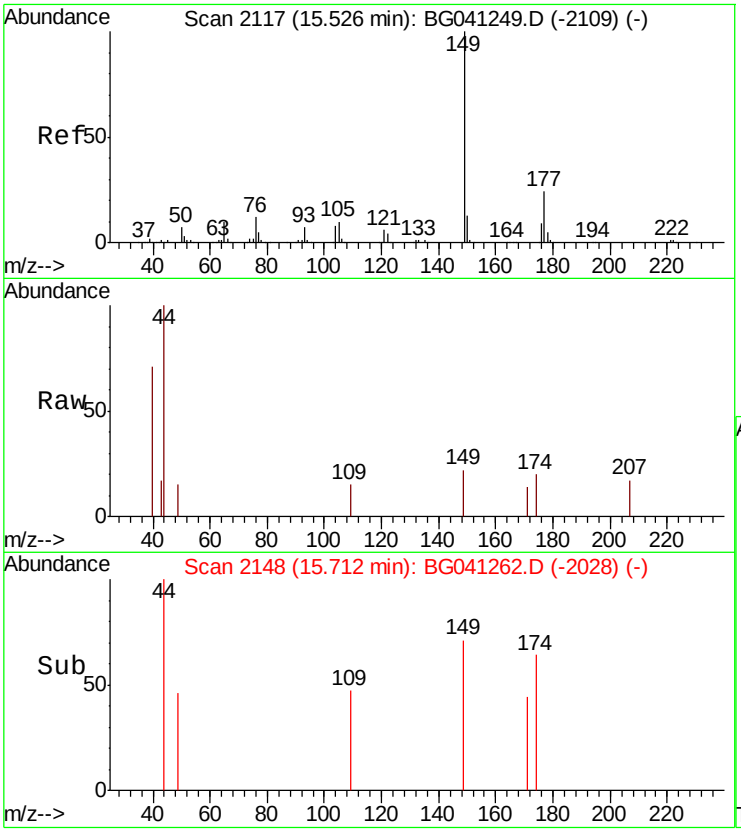


#58
Fluorene
Concen: 0.018 ng
RT: 16.22 min Scan# 2234
Delta R.T. 0.44 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:166 Resp: 150

Ion	Ratio	Lower	Upper
166	100		
165	0.0	79.2	118.8#
167	0.0	11.8	17.6#



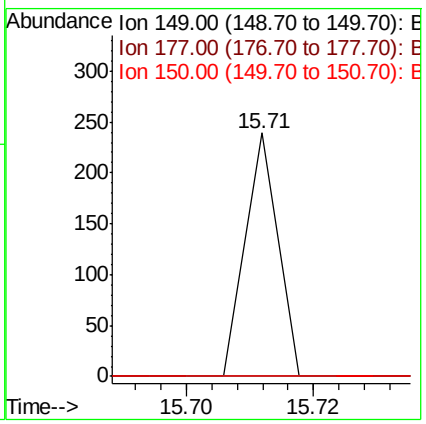


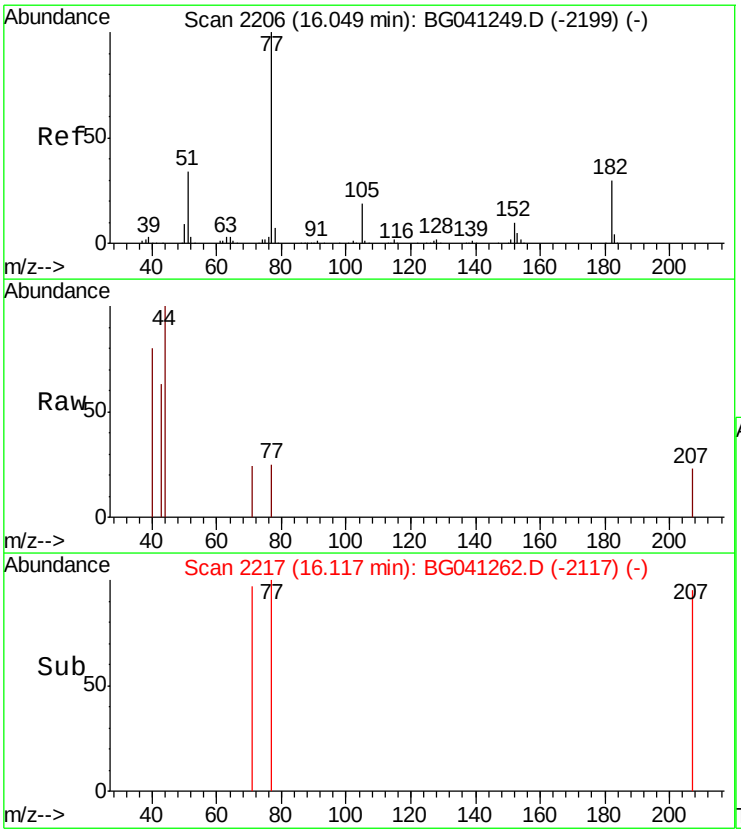
#60
Diethylphthalate
Concen: 0.009 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.17 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:149 Resp: 84

Ion	Ratio	Lower	Upper
149	100		
177	0.0	19.4	29.0#
150	0.0	10.3	15.5#

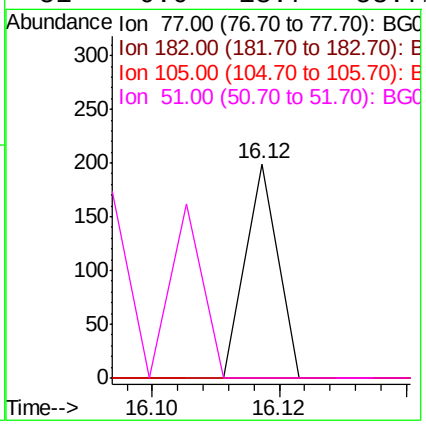


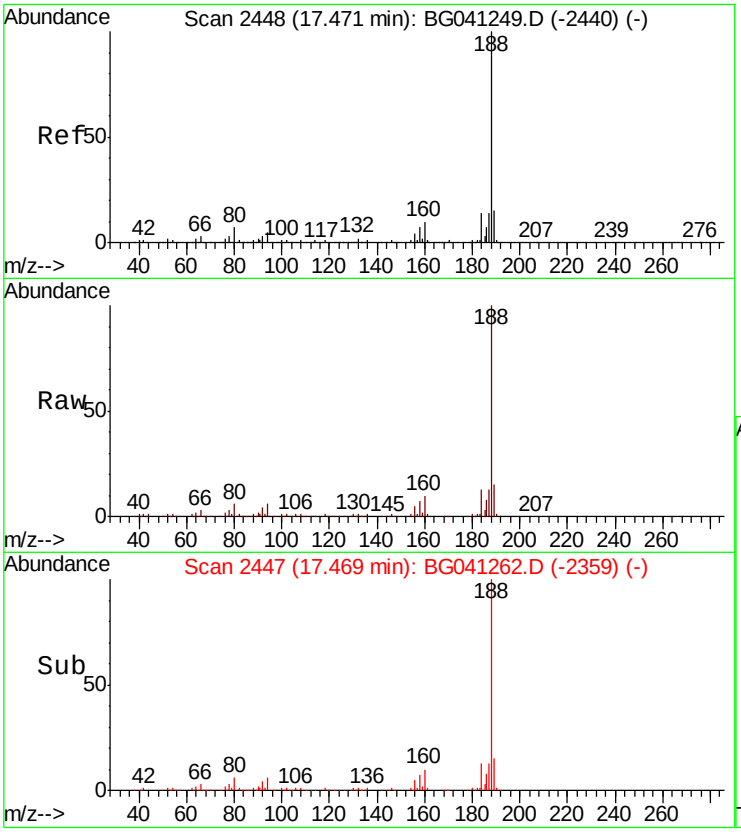


#63
Azobenzene
Concen: 0.009 ng
RT: 16.12 min Scan# 2217
Delta R.T. 0.06 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion: 77 Resp: 70

Ion	Ratio	Lower	Upper
77	100		
182	0.0	9.6	49.6#
105	0.0	0.0	37.5
51	0.0	13.7	53.7#



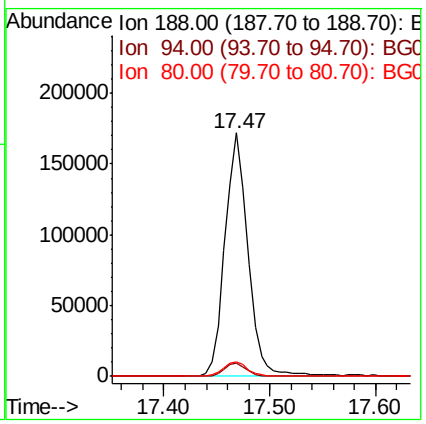


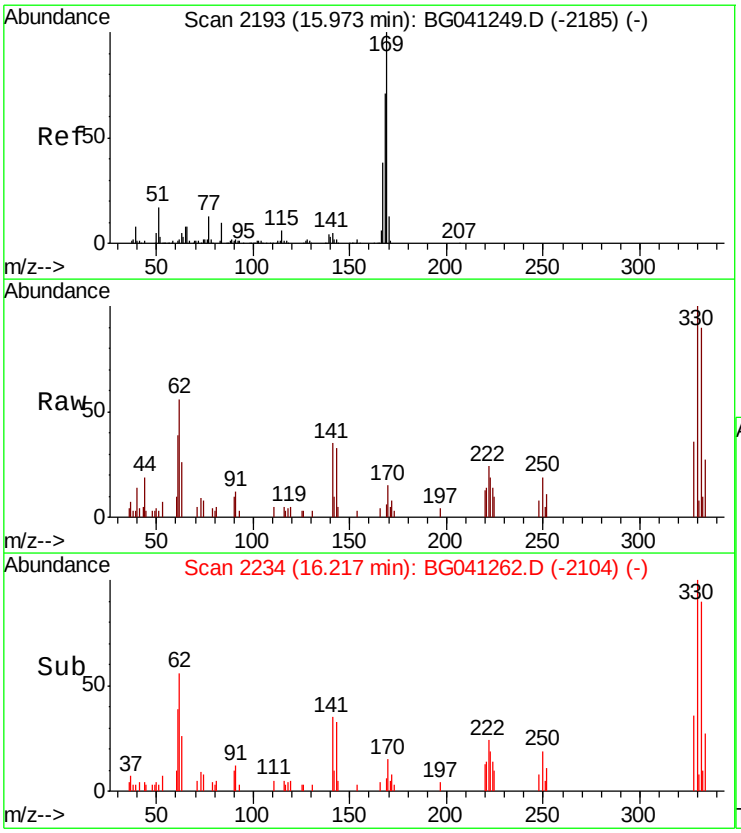
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:188 Resp: 258804

Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.7	7.1
80	6.0	5.8	8.8

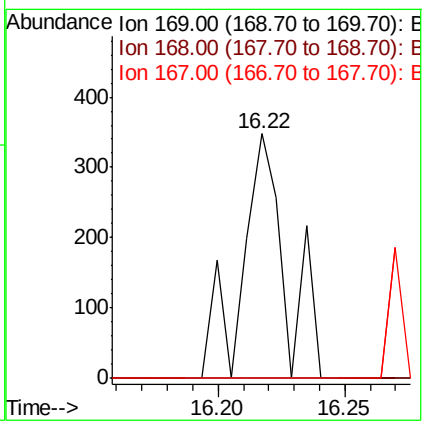


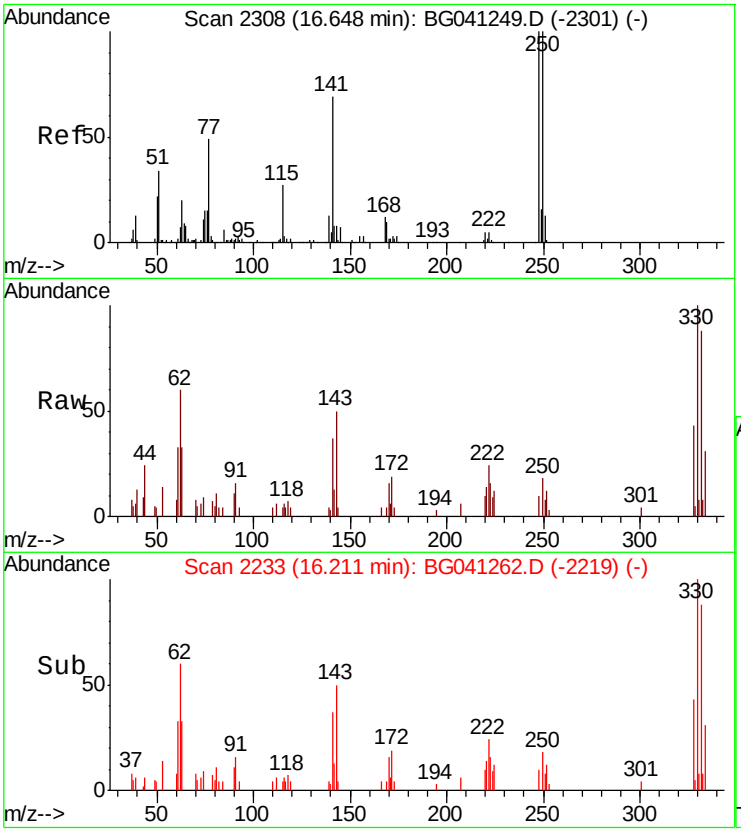


#66
n-Nitrosodiphenylamine
Concen: 0.058 ng
RT: 16.22 min Scan# 2234
Delta R.T. 0.23 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:169 Resp: 419

Ion	Ratio	Lower	Upper
169	100		
168	0.0	55.7	83.5#
167	0.0	30.2	45.2#



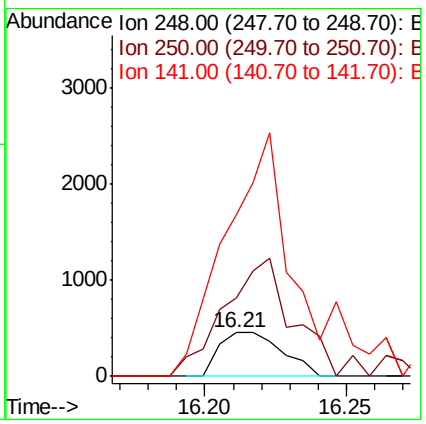


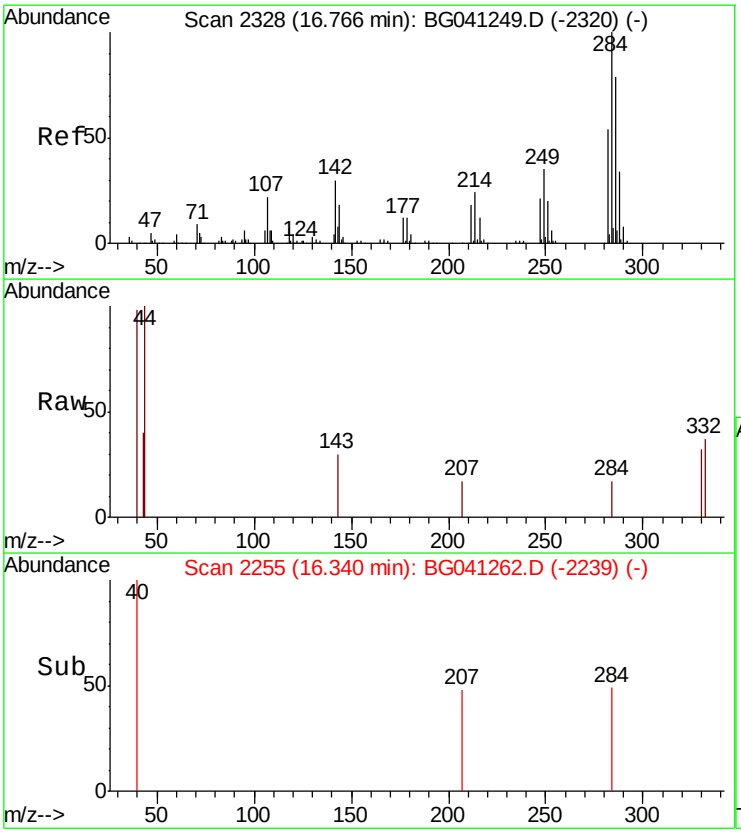
#67
4-Bromophenyl-phenylether
Concen: 0.205 ng
RT: 16.21 min Scan# 2233
Delta R.T. -0.45 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:248 Resp: 702

Ion	Ratio	Lower	Upper
248	100		
250	179.6	75.0	112.4#
141	370.6	52.4	78.6#

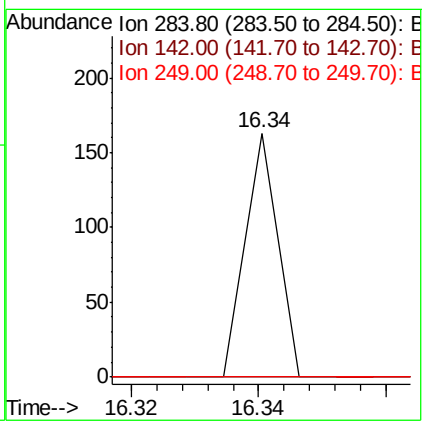


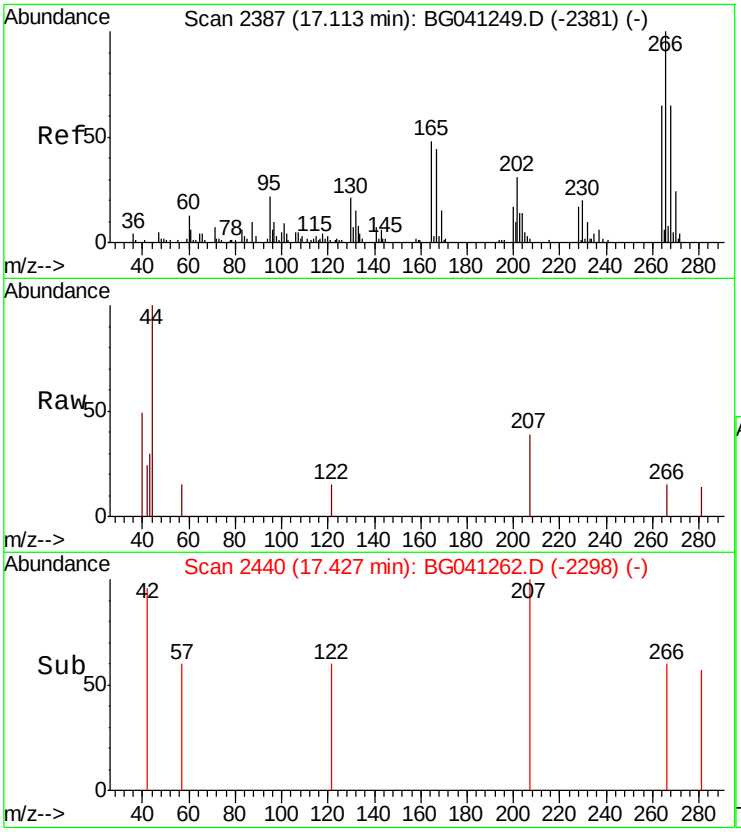


#68
Hexachlorobenzene
Concen: 0.015 ng
RT: 16.34 min Scan# 2255
Delta R.T. -0.44 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:284 Resp: 57

Ion	Ratio	Lower	Upper
284	100		
142	0.0	23.9	35.9#
249	0.0	26.8	40.2#



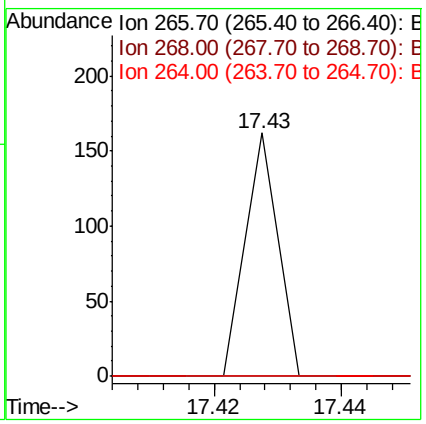


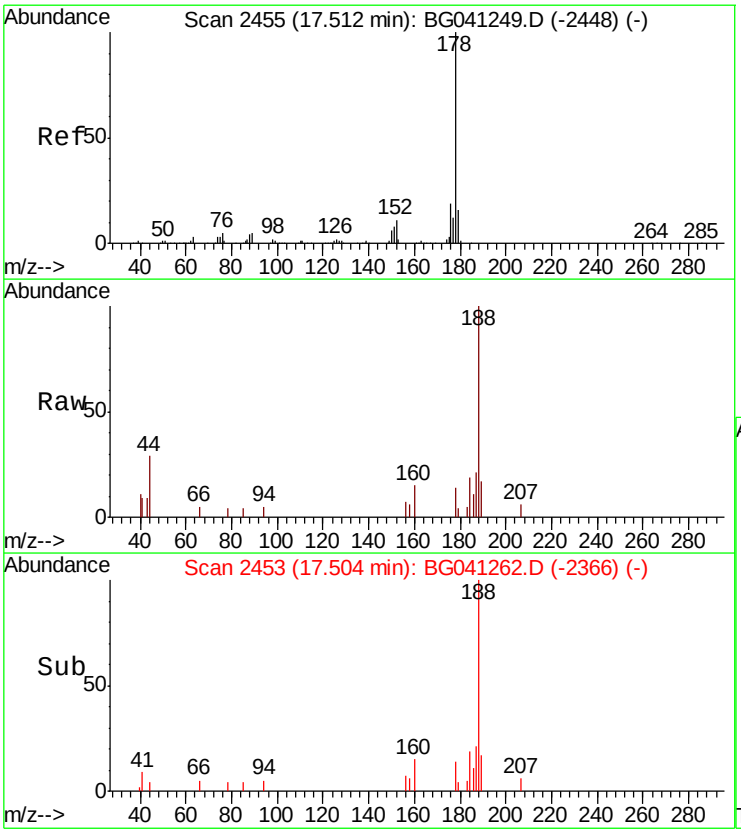
#70
Pentachlorophenol
Concen: 10.637 ng
RT: 17.43 min Scan# 2440
Delta R.T. 0.30 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:266 Resp: 57

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.1	79.7#
264	0.0	49.9	74.9#

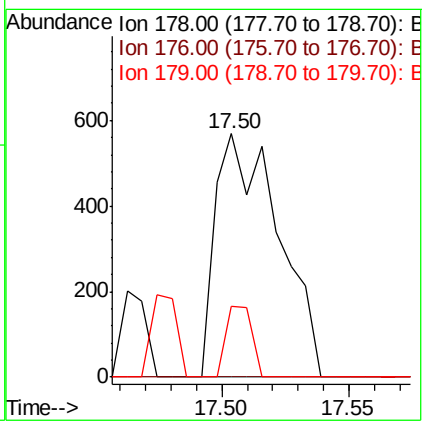


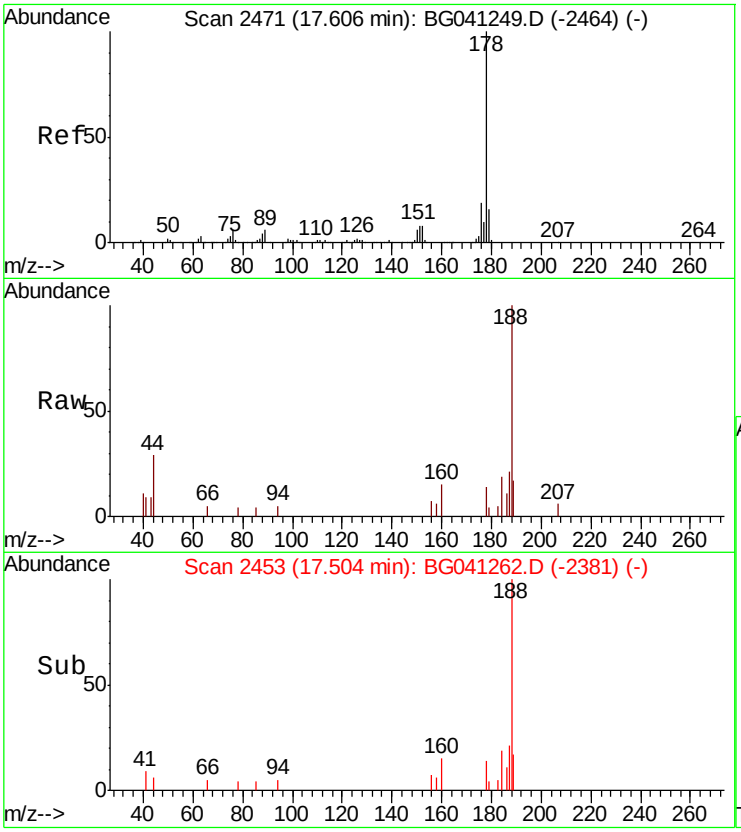


#71
Phenanthrene
Concen: 0.072 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.02 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:178 Resp: 987

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.5	23.3#
179	29.3	12.7	19.1#



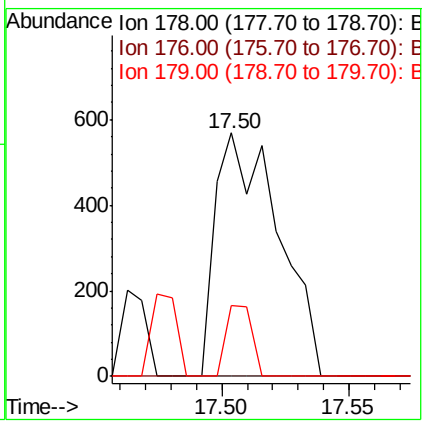


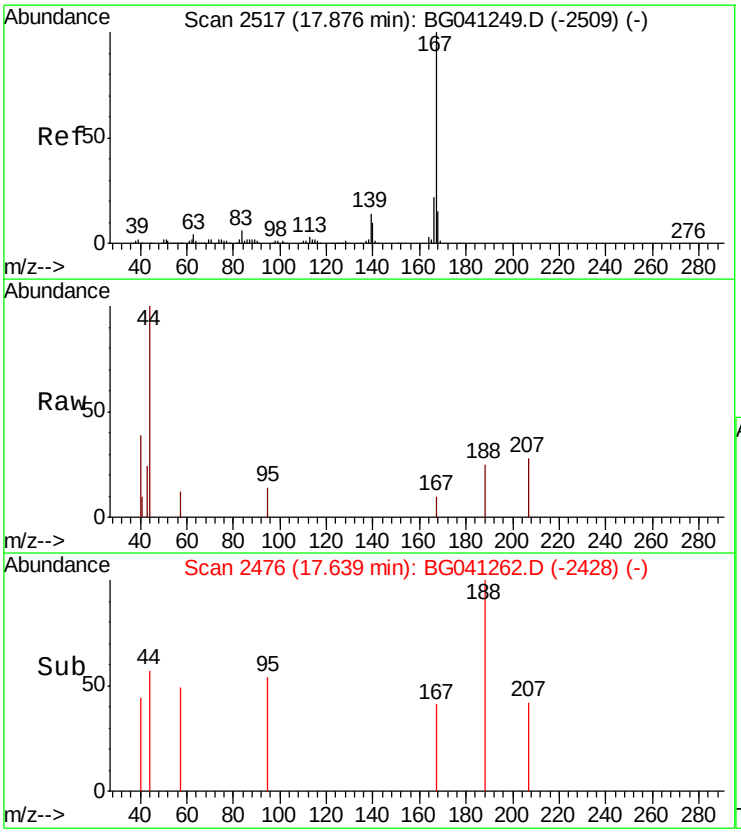
#72
Anthracene
Concen: 0.073 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.11 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:178 Resp: 987

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.6	23.4#
179	29.3	13.0	19.4#

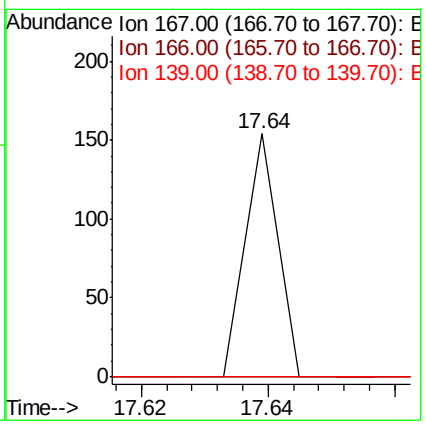


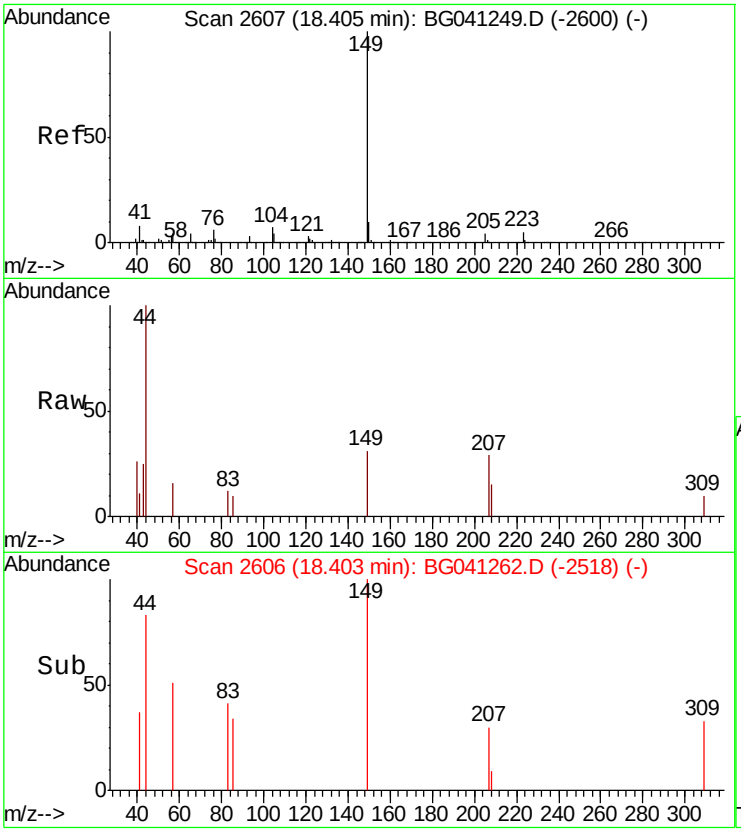


#73
Carbazole
Concen: 0.005 ng
RT: 17.64 min Scan# 2476
Delta R.T. -0.25 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:167 Resp: 54

Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.2	27.4#
139	0.0	10.8	16.2#



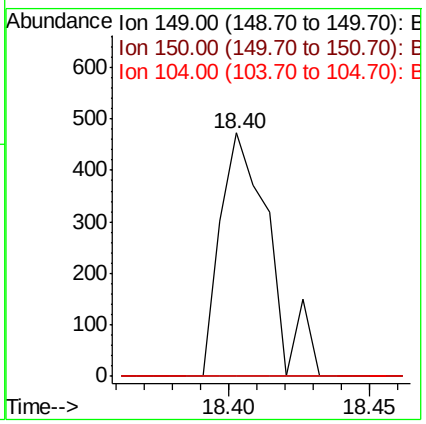


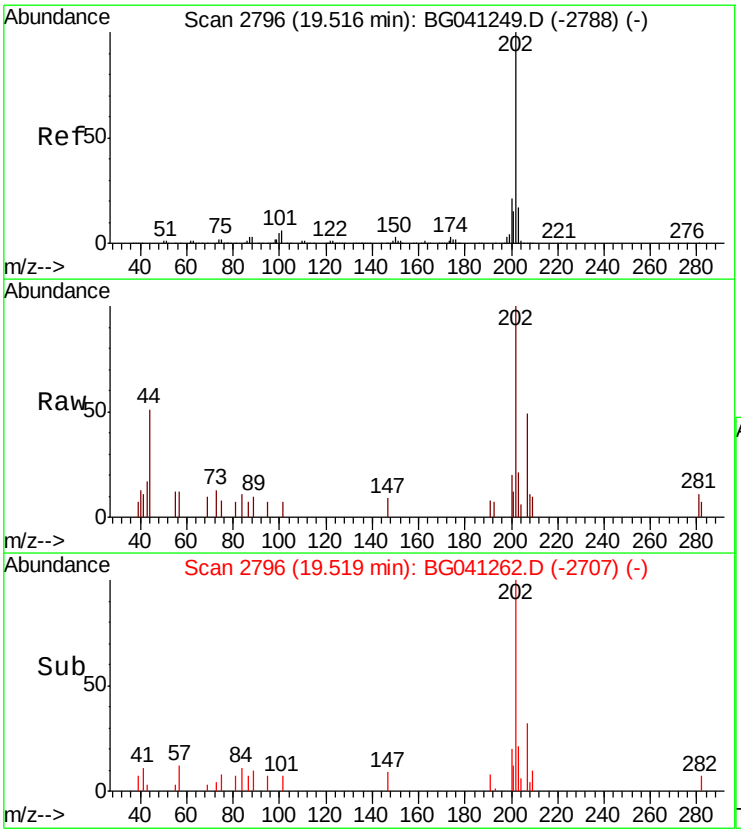
#74
Di-n-butylphthalate
Concen: 0.040 ng
RT: 18.40 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:149 Resp: 570

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.4	11.2#
104	0.0	5.0	7.4#

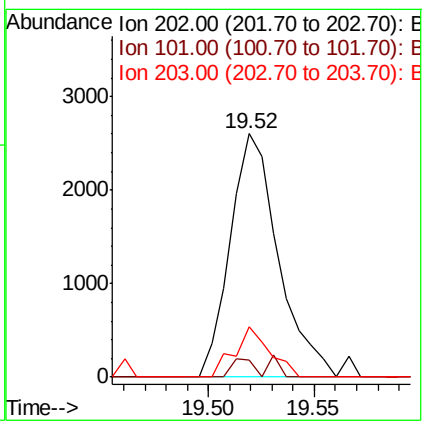


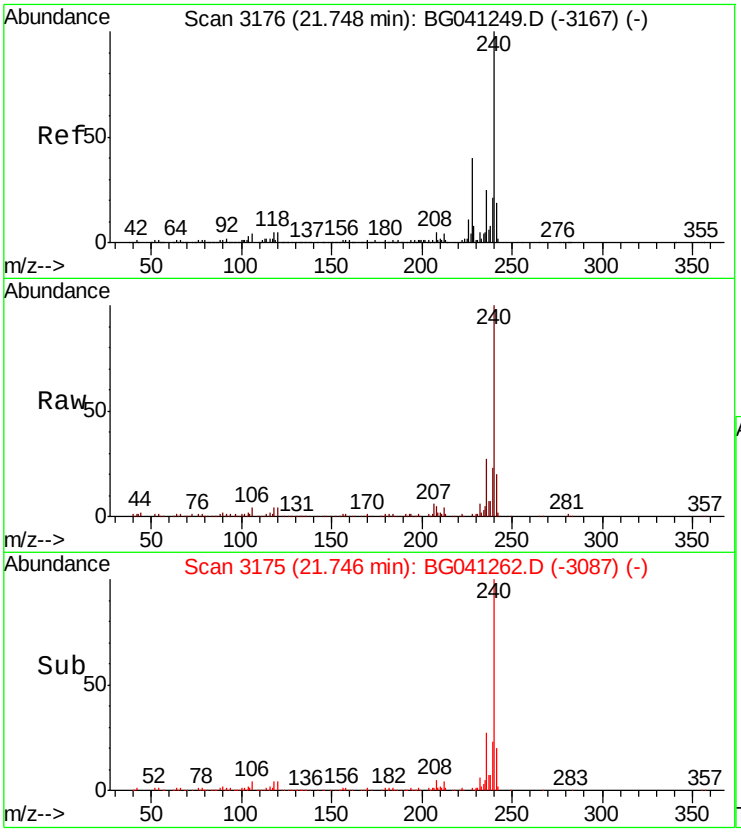


#75
Fluoranthene
Concen: 0.237 ng
RT: 19.52 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:202 Resp: 4108

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	26.2
203	20.9	0.0	38.7



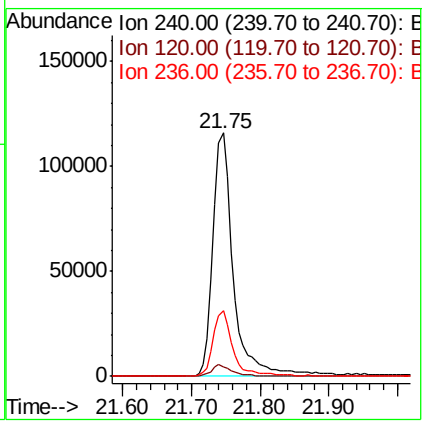


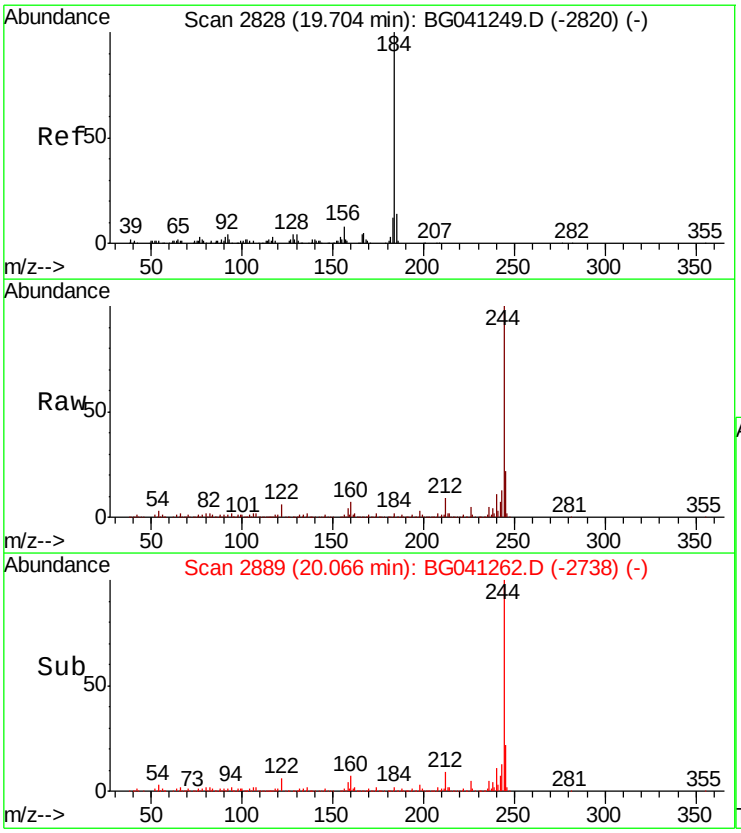
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:240 Resp: 241111

Ion	Ratio	Lower	Upper
240	100		
120	4.1	4.5	6.7#
236	26.9	21.3	31.9

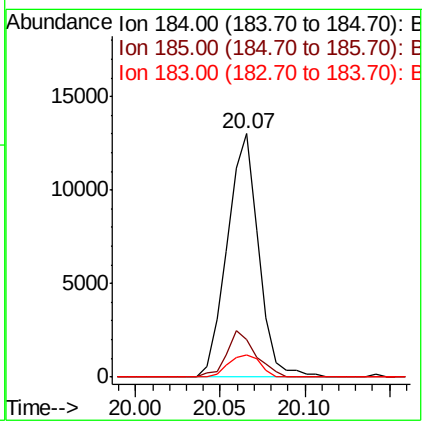


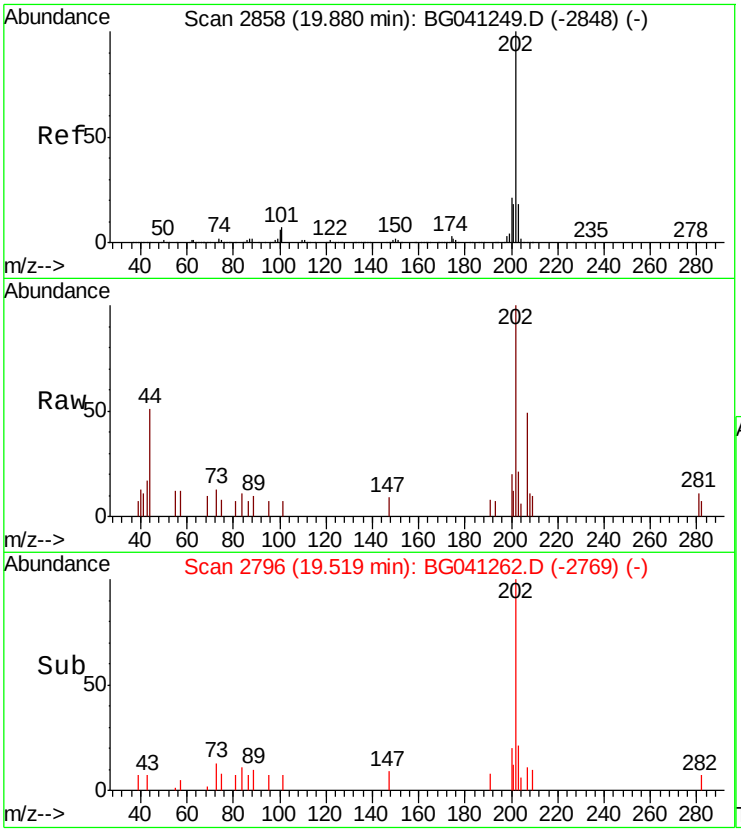


#77
Benzidine
Concen: 4.467 ng
RT: 20.07 min Scan# 2889
Delta R.T. 0.36 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:184 Resp: 16720

Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.3	19.9
183	9.1	10.7	16.1#



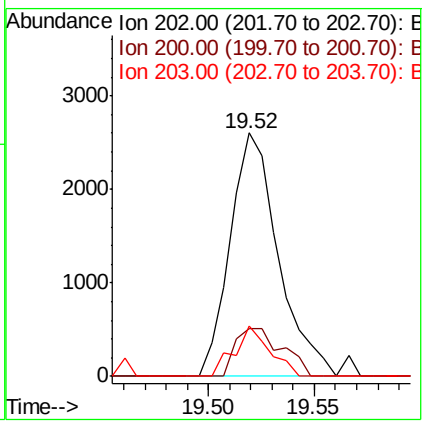


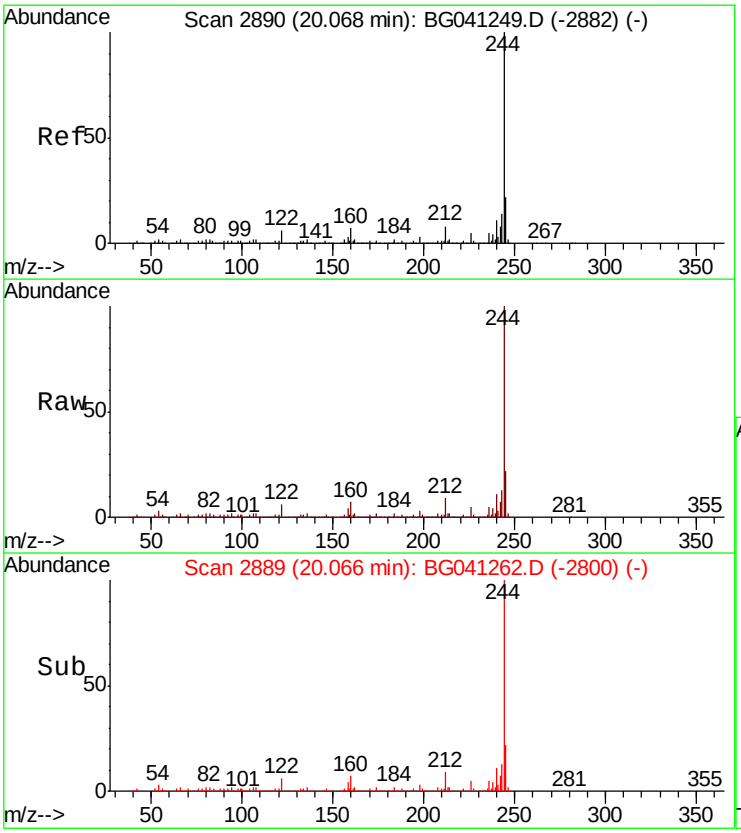
#78
Pyrene
Concen: 0.248 ng
RT: 19.52 min Scan# 2796
Delta R.T. -0.37 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:202 Resp: 4108

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.5	26.3
203	20.9	15.6	23.4

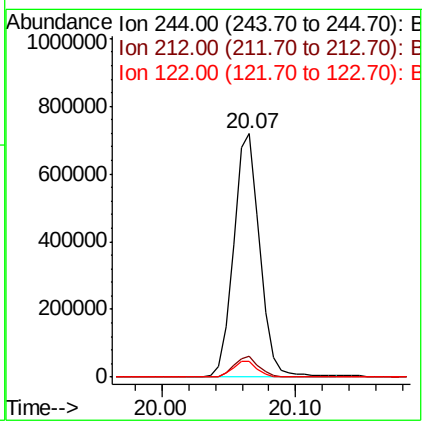


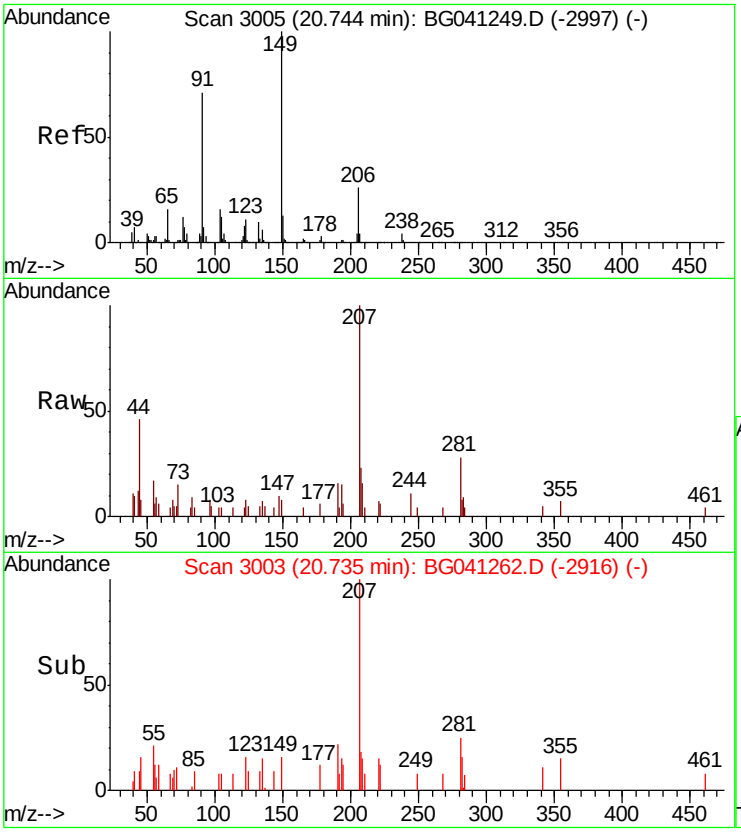


#79
Terphenyl-d14
Concen: 79.342 ng
RT: 20.07 min Scan# 2889
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:244 Resp: 975691

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.4
122	6.3	5.4	8.0



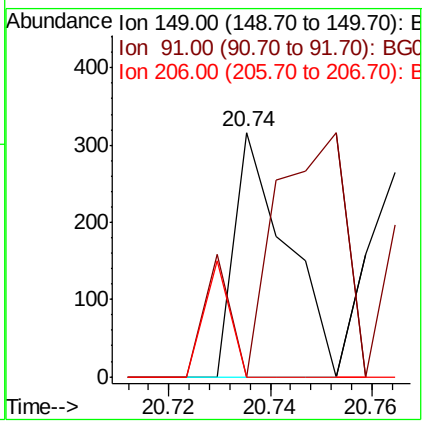


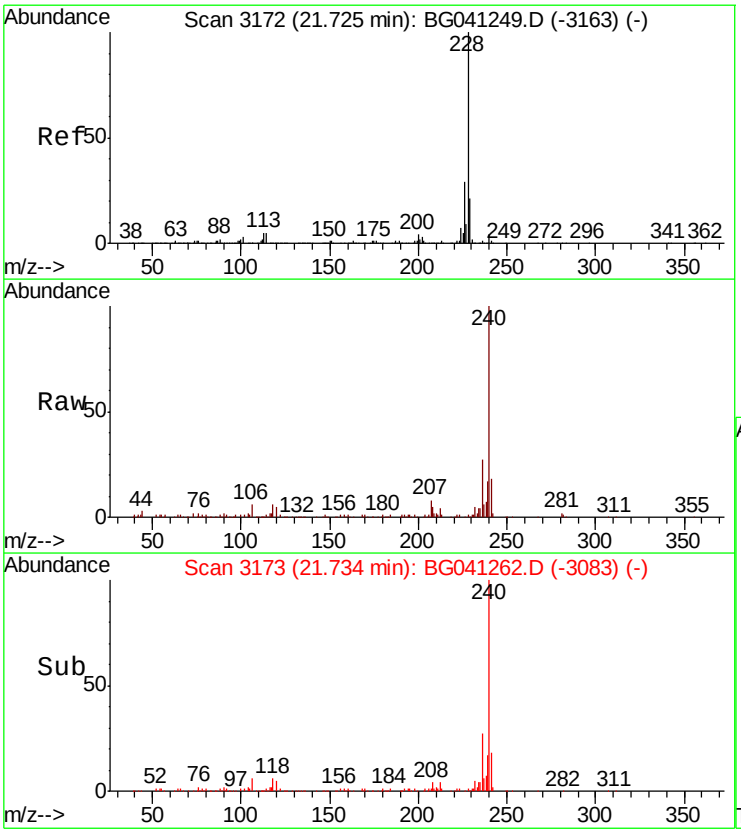
#80
Butylbenzylphthalate
Concen: 0.036 ng
RT: 20.74 min Scan# 3003
Delta R.T. -0.02 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:149 Resp: 229

Ion	Ratio	Lower	Upper
149	100		
91	0.0	56.5	84.7#
206	0.0	20.3	30.5#

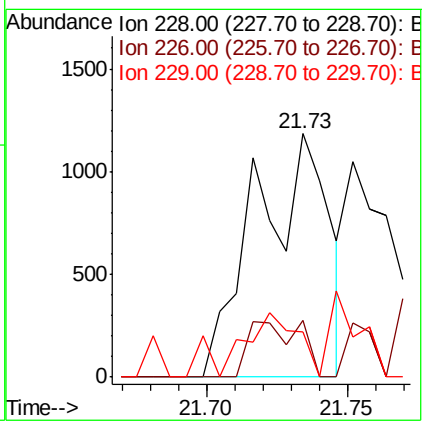


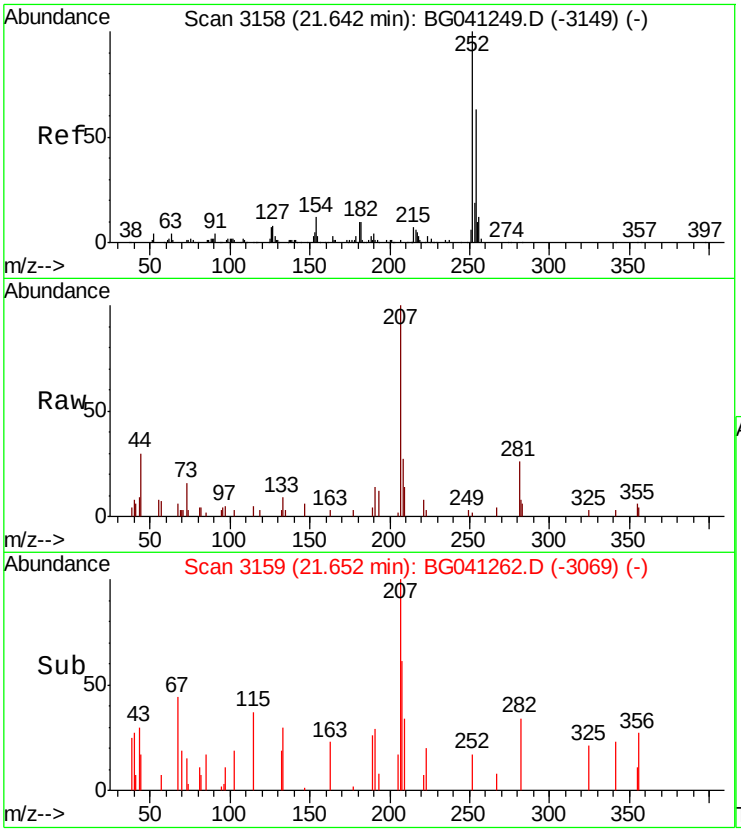


#81
Benzo(a)anthracene
Concen: 0.132 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:228 Resp: 2103

Ion	Ratio	Lower	Upper
228	100		
226	23.1	23.5	35.3#
229	18.4	16.7	25.1



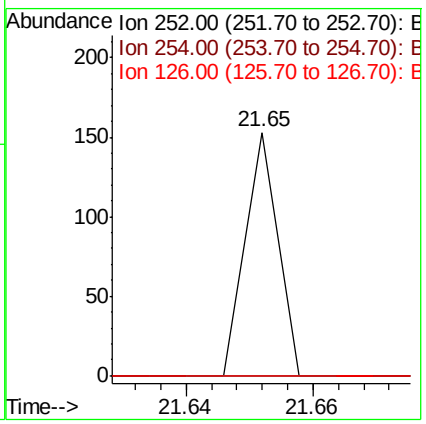


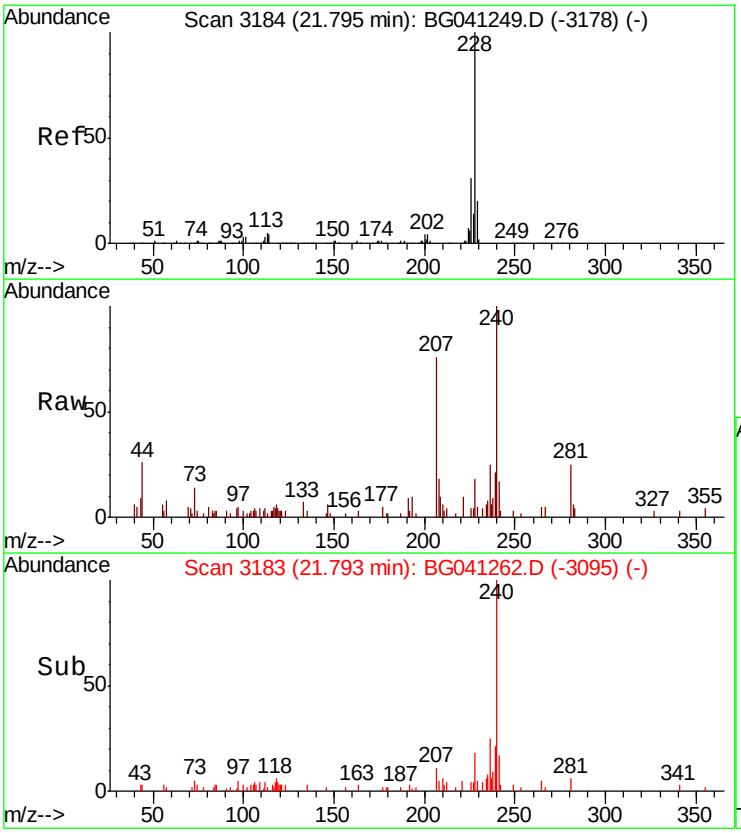
#82
3,3'-Dichlorobenzidine
Concen: 0.011 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:252 Resp: 54

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

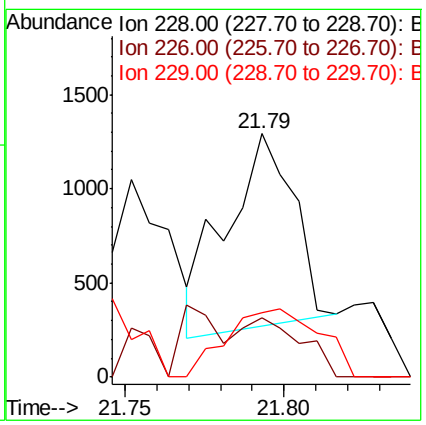


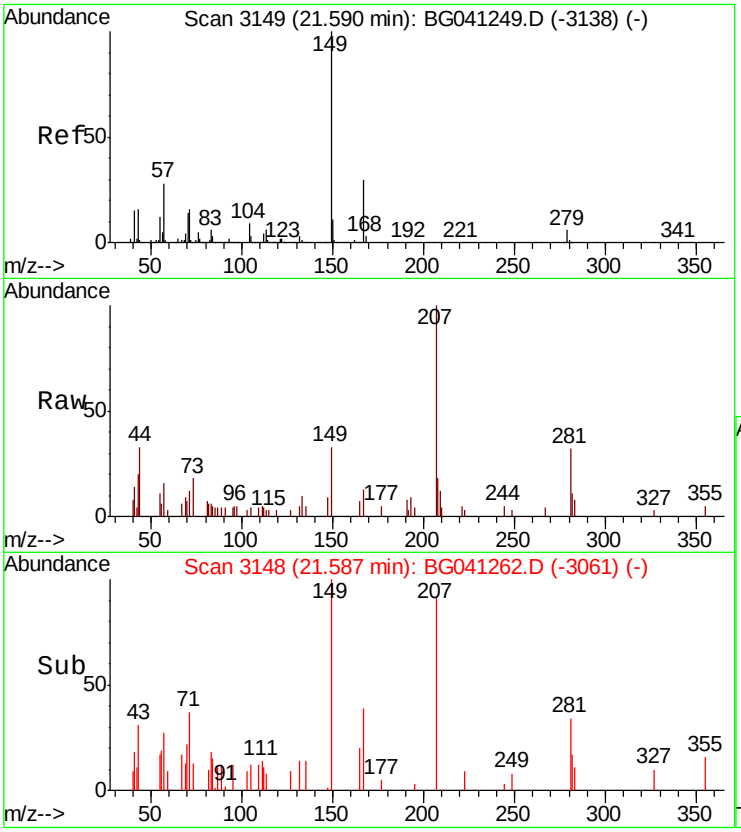


#83
Chrysene
Concen: 0.096 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:228 Resp: 1512

Ion	Ratio	Lower	Upper
228	100		
226	24.2	24.6	37.0#
229	26.6	16.6	24.8#



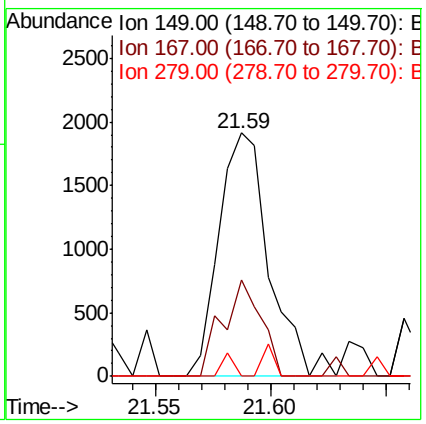


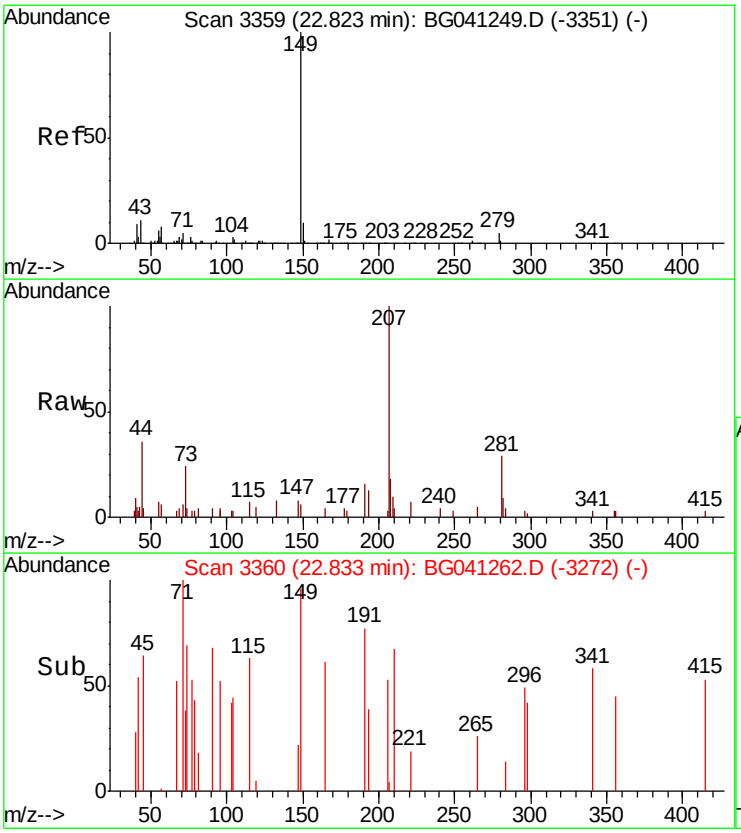
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.330 ng
RT: 21.59 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:149 Resp: 2912

Ion	Ratio	Lower	Upper
149	100		
167	39.4	24.6	37.0#
279	0.0	5.0	7.6#

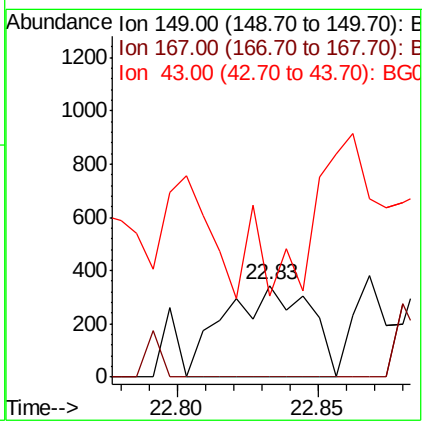


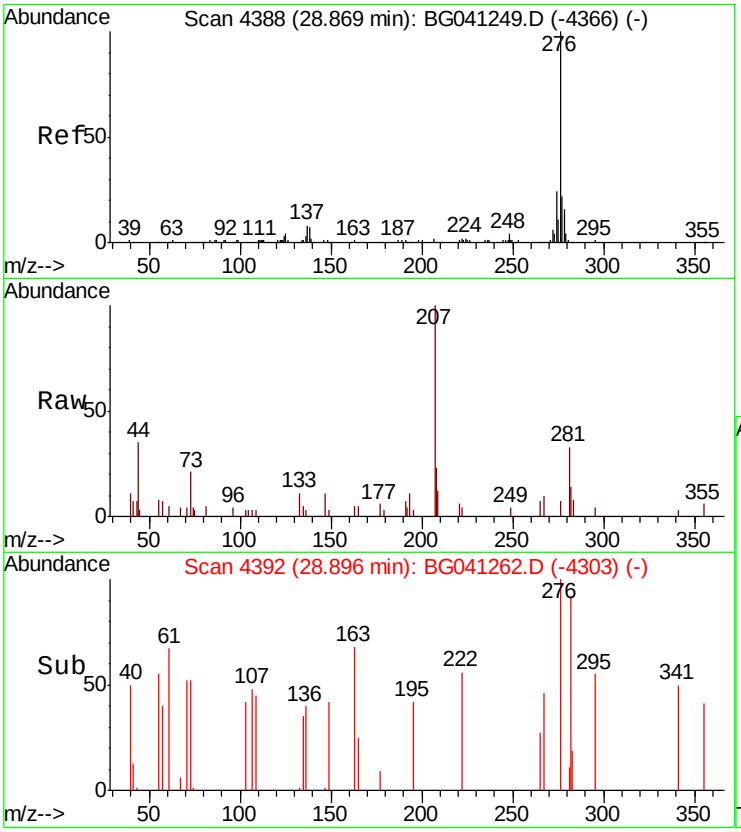


#85
Di-n-octyl phthalate
Concen: 0.049 ng
RT: 22.83 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:149 Resp: 715

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



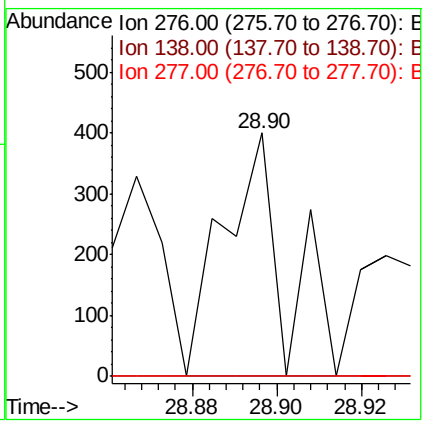


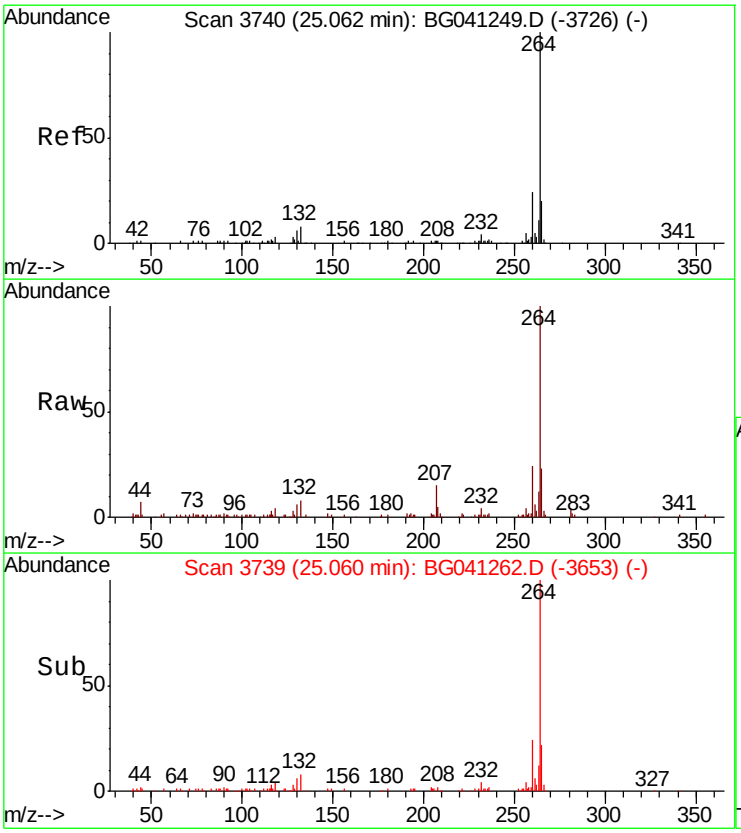
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.043 ng
RT: 28.90 min Scan# 4392
Delta R.T. -0.01 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:276 Resp: 410

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

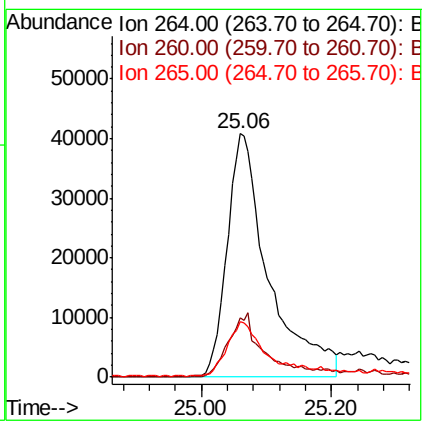


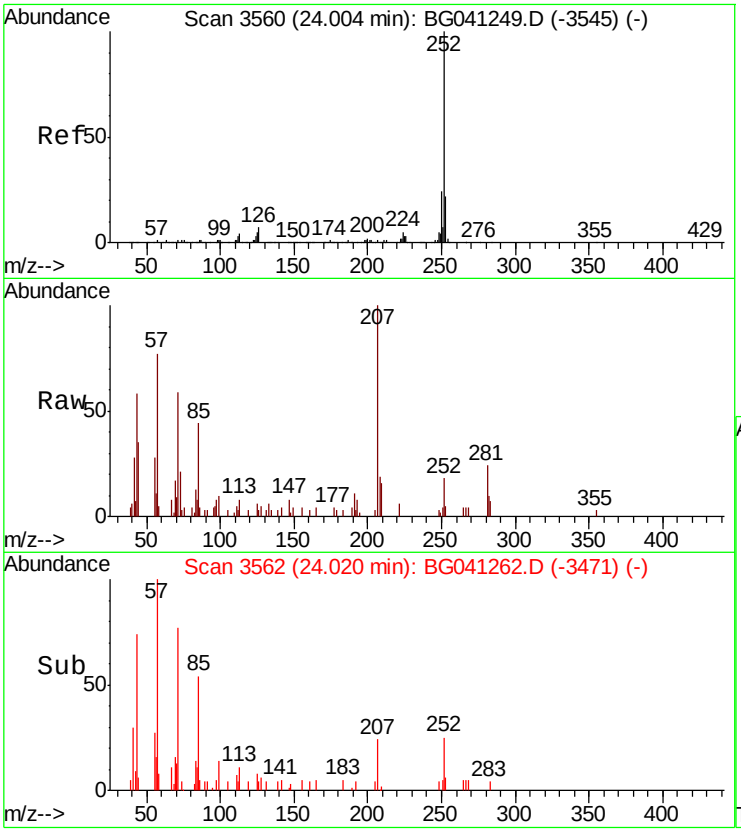


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:264 Resp: 179708

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	22.8	17.0	25.4



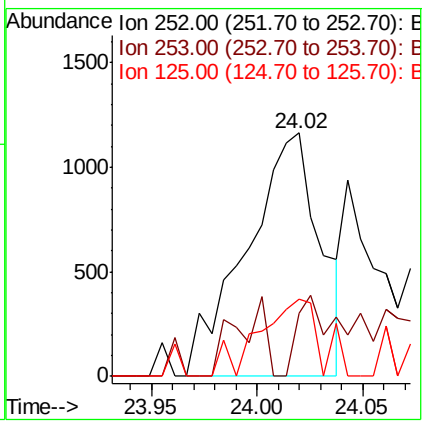


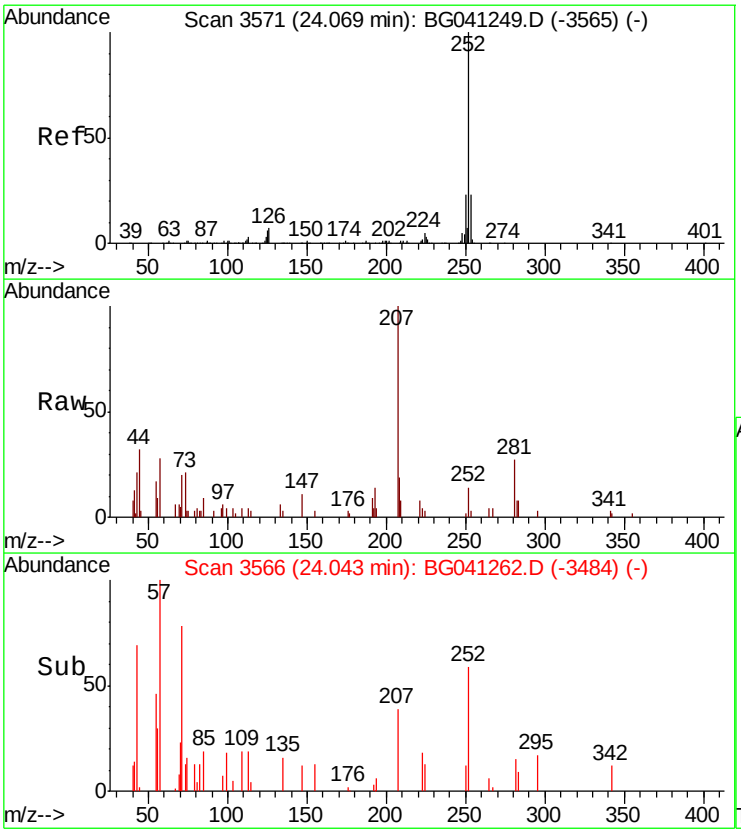
#88
Benzo(b)fluoranthene
Concen: 0.257 ng
RT: 24.02 min Scan# 3562
Delta R.T. 0.00 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:252 Resp: 2821

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.4	27.6
125	31.6	4.3	6.5#

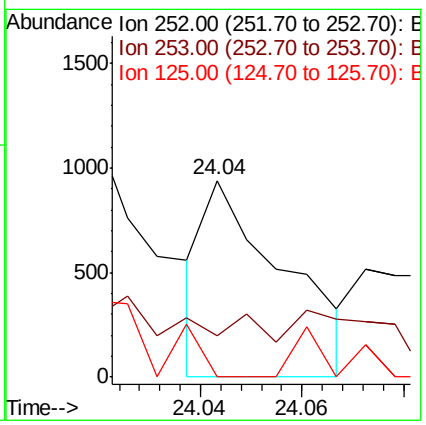


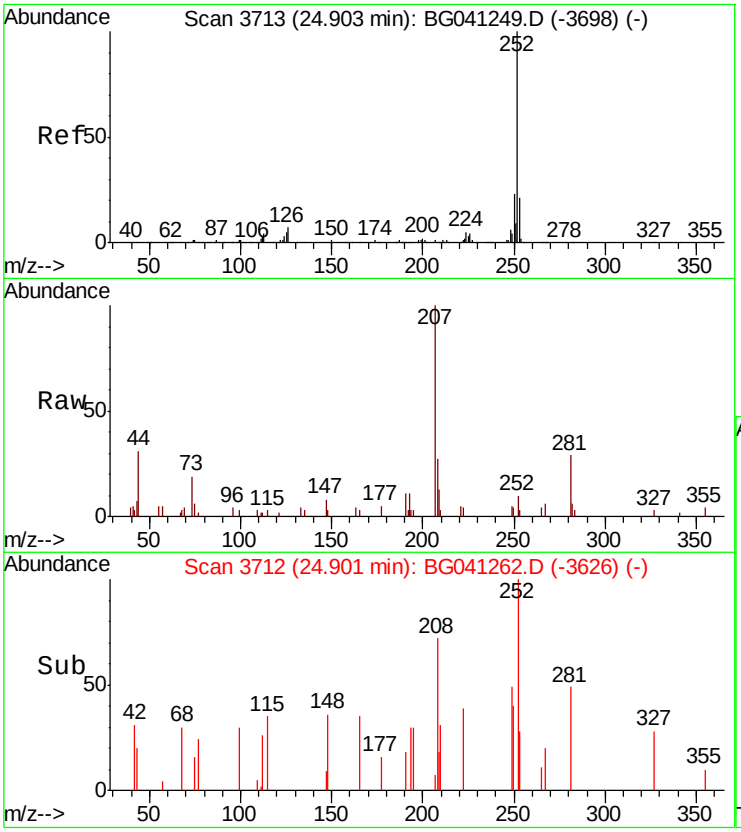


#89
Benzo(k)fluoranthene
Concen: 0.079 ng
RT: 24.04 min Scan# 3566
Delta R.T. -0.05 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:252 Resp: 1034

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	0.0	4.7	7.1#



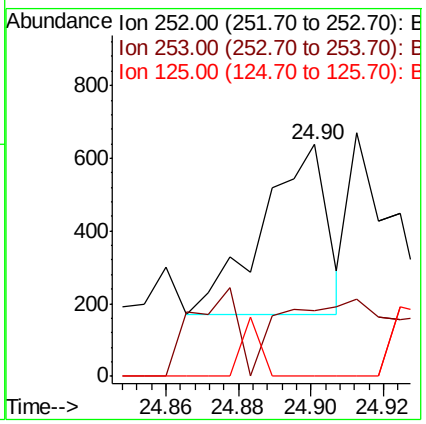


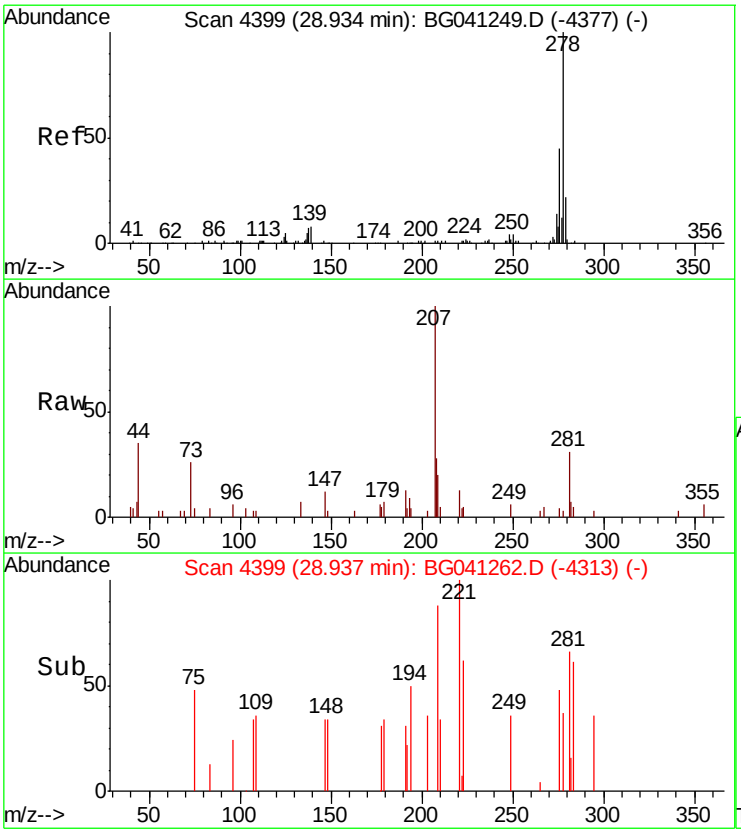
#90
Benzo(a)pyrene
Concen: 0.054 ng
RT: 24.90 min Scan# 3712
Delta R.T. -0.03 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:252 Resp: 579

Ion	Ratio	Lower	Upper
252	100		
253	28.3	19.5	29.3
125	0.0	5.1	7.7#

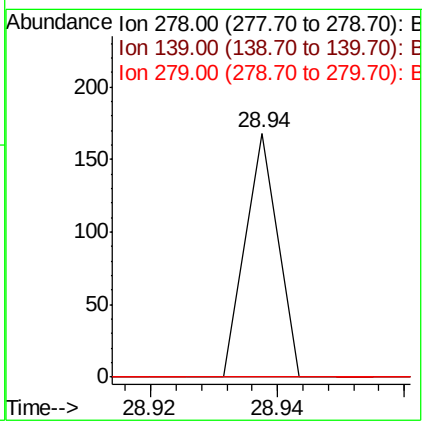


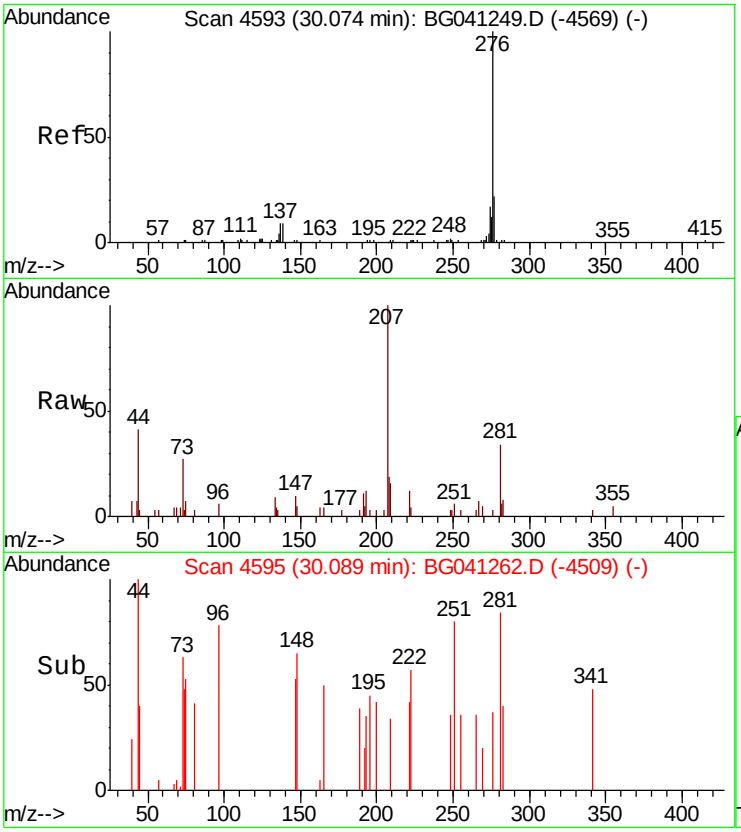


#91
Dibenzo(a,h)anthracene
Concen: 0.010 ng
RT: 28.94 min Scan# 4399
Delta R.T. -0.03 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Tgt Ion:278 Resp: 59

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





#92
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 30.09 min Scan# 4595
Delta R.T. -0.03 min
Lab File: BG041262.D
Acq: 14 Jun 2019 20:41

Instrument :
BNA_G
ClientSampleId :
CONCRETE-4

Tgt Ion:276 Resp: 111

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