Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045402.D
Acq On : 15 May 2020 18:33
Operator : CG/JU
Sample : PB128906BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128906BL

Quant Time: May 15 19:08:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 15:45:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	66720	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	257380	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	183683	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	431230	20.00	ng	0.00
76) Chrysene-d12	21.62	240	474926	20.00	ng	0.00
87) Perylene-d12	24.78	264	500559	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	476029	139.43	ng	0.00
7) Phenol-d6	7.14	99	648488	133.46	ng	0.00
23) Nitrobenzene-d5	9.12	82	467050	98.95	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	327565	139.44	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1050807	97.04	ng	0.00
79) Terphenyl-d14	19.97	244	1974747	96.98	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	253	0.149	ng	# 31
3) Pyridine	3.81	79	84	0.018	ng	# 1
4) n-Nitrosodimethylamine	3.77	42	74	0.048	ng	# 1
6) Aniline	7.02	93	54	0.009	ng	# 44
8) 2-Chlorophenol	7.37	128	53	0.014	ng	# 35
9) Benzaldehyde	7.13	77	986	0.311	ng	# 4
10) Phenol	7.16	94	55	0.011	ng	# 1
11) bis(2-Chloroethyl)ether	7.02	93	54	0.014	ng	# 24
14) 1,2-Dichlorobenzene	8.62	146	88	0.021	ng	# 21
15) Benzyl Alcohol	8.29	79	8269	2.060	ng	# 58
17) 2-Methylphenol	8.30	107	163	0.043	ng	# 1
18) Hexachloroethane	8.66	117	58	0.034	ng	# 1
19) n-Nitroso-di-n-propylamine	9.12	70	63516	18.903	ng	# 79
20) 3+4-Methylphenols	8.57	107	59	0.012	ng	# 20
22) Acetophenone	8.38	105	57	0.009	ng	# 56
24) Nitrobenzene	9.12	77	1689	0.334	ng	# 37
25) Isophorone	9.69	82	207	0.022	ng	# 68
27) 2,4-Dimethylphenol	10.30	122	72	0.022	ng	# 1
28) bis(2-Chloroethoxy)methane	9.99	93	61	0.013	ng	# 48
30) 1,2,4-Trichlorobenzene	11.07	180	66	0.015	ng	# 13
31) Naphthalene	10.43	128	65	0.005	ng	# 68
32) Benzoic acid	10.30	122	72	10.049	ng	# 1
33) 4-Chloroaniline	11.14	127	63	0.013	ng	# 46
34) Hexachlorobutadiene	10.71	225	57	0.018	ng	# 19
36) 4-Chloro-3-methylphenol	12.20	107	63	0.015	ng	# 20
37) 2-Methylnaphthalene	11.97	142	60	0.007	ng	# 15
38) 1-Methylnaphthalene	12.92	142	71	0.008	ng	# 9
40) 1,2,4,5-Tetrachlorobenzene	13.17	216	66	0.013	ng	# 25
46) 1,1'-Biphenyl	13.45	154	2004	0.178	ng	81
47) 2-Chloronaphthalene	13.29	162	56	0.006	ng	# 38
48) 2-Nitroaniline	13.62	65	62	0.021	ng	# 7
51) 2,6-Dinitrotoluene	14.61	165	23201	8.160	ng	# 24
52) Acenaphthene	14.61	154	735	0.075	ng	# 3
53) 3-Nitroaniline	14.51	138	69	0.024	ng	# 1

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045402.D
Acq On : 15 May 2020 18:33
Operator : CG/JU
Sample : PB128906BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128906BL

Quant Time: May 15 19:08:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 15:45:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) 2,4-Dinitrophenol	14.61	184	73	5.495	ng	#	1
55) Dibenzofuran	15.13	168	58	0.004	ng	#	45
56) 4-Nitrophenol	14.39	139	63	0.029	ng	#	2
57) 2,4-Dinitrotoluene	14.61	165	23201	5.634	ng	#	24
58) Fluorene	16.10	166	10186	0.847	ng	#	94
60) Diethylphthalate	15.14	149	67	0.005	ng	#	57
62) 4-Nitroaniline	16.01	138	80	0.027	ng	#	5
63) Azobenzene	16.10	77	1598	0.131	ng	#	13
65) 4,6-Dinitro-2-methylphenol	15.37	198	63	0.025	ng	#	40
66) n-Nitrosodiphenylamine	16.10	169	11208	1.082	ng	#	43
67) 4-Bromophenyl-phenylether	16.10	248	22693	4.860	ng	#	1
68) Hexachlorobenzene	16.95	284	55	0.011	ng	#	44
70) Pentachlorophenol	17.34	266	65	0.026	ng	#	18
71) Phenanthrene	17.35	178	72	0.004	ng	#	1
72) Anthracene	17.49	178	59	0.003	ng	#	60
73) Carbazole	17.51	167	54	0.003	ng	#	57
74) Di-n-butylphthalate	18.33	149	174	0.008	ng	#	77
75) Fluoranthene	19.43	202	154	0.006	ng		64
77) Benzidine	19.97	184	37037	2.777	ng	#	89
78) Pyrene	19.97	202	8237	0.304	ng	#	71
80) Butylbenzylphthalate	20.67	149	68	0.006	ng	#	32
81) Benzo(a)anthracene	21.62	228	1694	0.064	ng	#	93
82) 3,3'-Dichlorobenzidine	21.51	252	74	0.007	ng	#	25
83) Chrysene	21.68	228	153	0.006	ng	#	48
84) Bis(2-ethylhexyl)phthalate	21.52	149	578	0.036	ng	#	54
85) Di-n-octyl phthalate	22.70	149	494	0.018	ng	#	1
86) Indeno(1,2,3-cd)pyrene	28.38	276	98	0.003	ng	#	1
88) Benzo(b)fluoranthene	23.78	252	818	0.030	ng	#	50
89) Benzo(k)fluoranthene	23.84	252	518	0.021	ng	#	2
90) Benzo(a)pyrene	24.64	252	266	0.011	ng	#	20
91) Dibenzo(a,h)anthracene	28.44	278	1157	0.046	ng	#	57
92) Benzo(g,h,i)perylene	29.47	276	325	0.013	ng	#	58

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045402.D
Acq On : 15 May 2020 18:33
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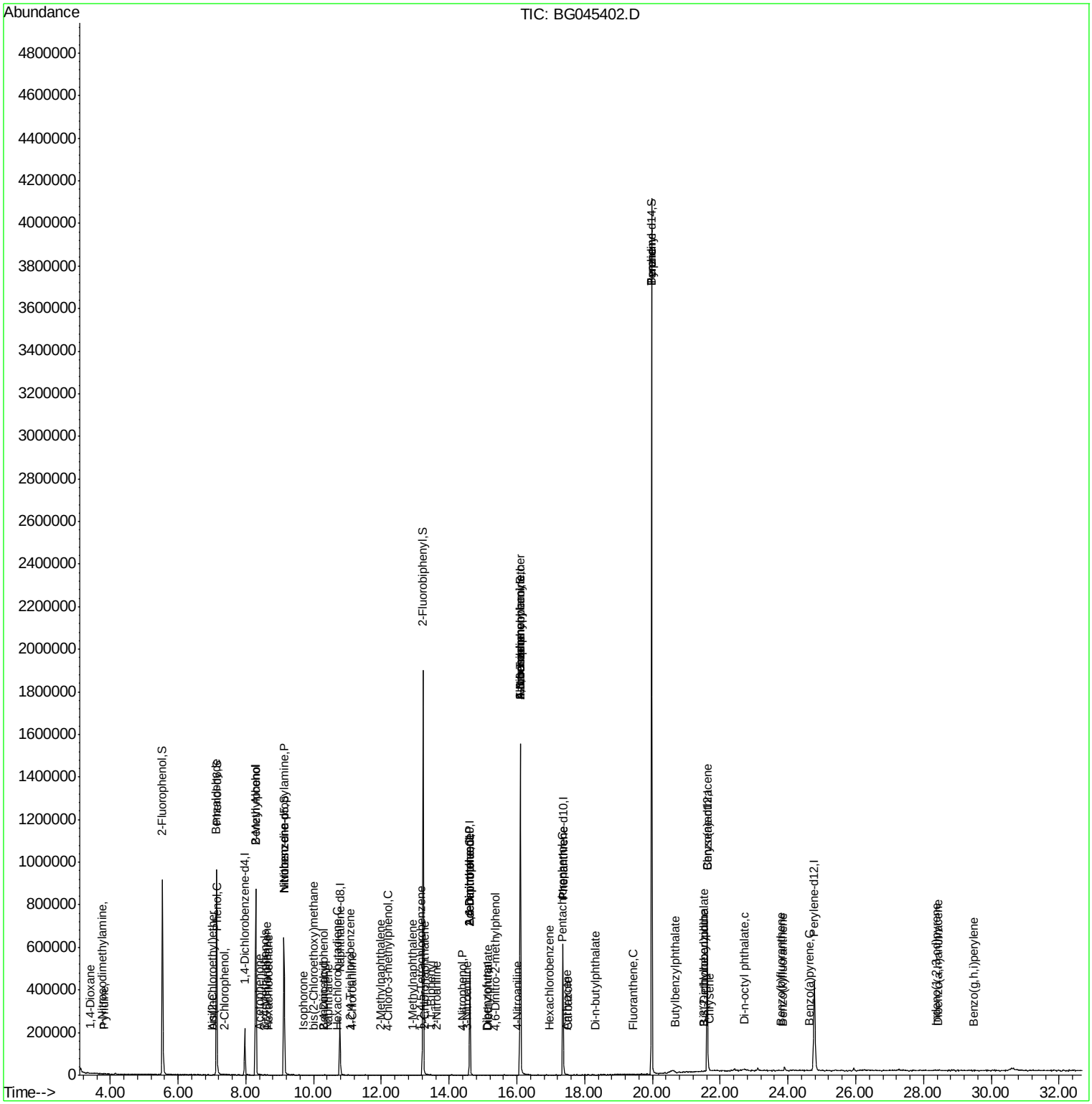
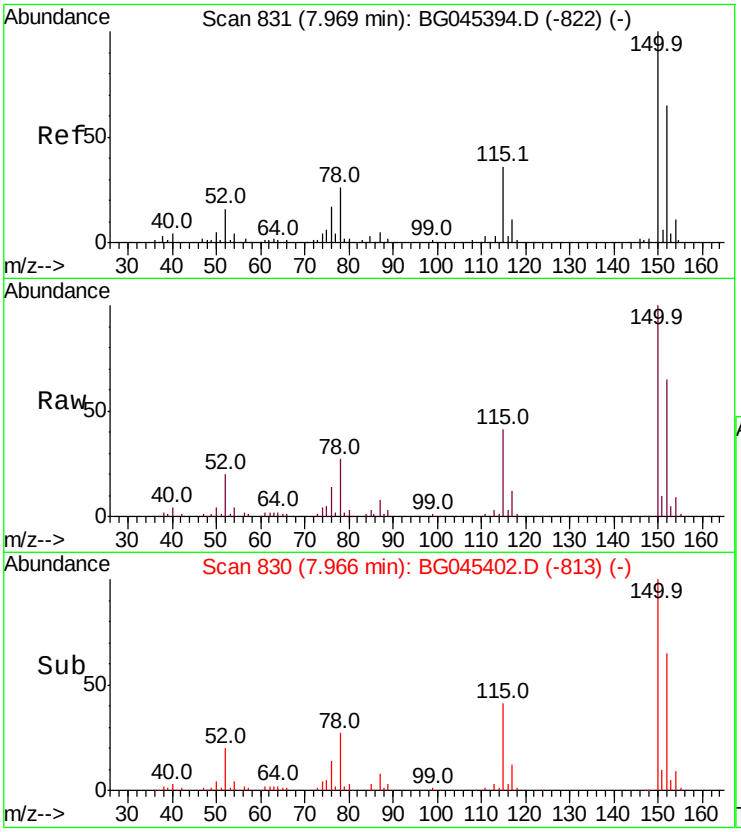
Sample : PB128906BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Quant Time: May 15 19:08:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 15:45:48 2020
Response via : Initial Calibration



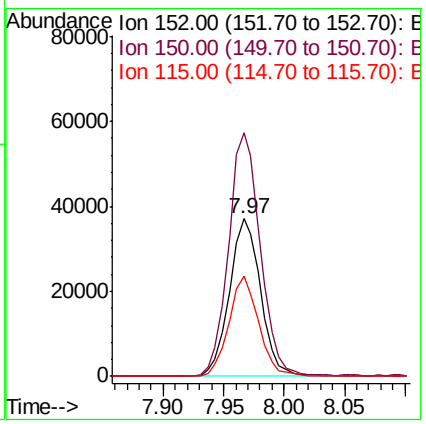


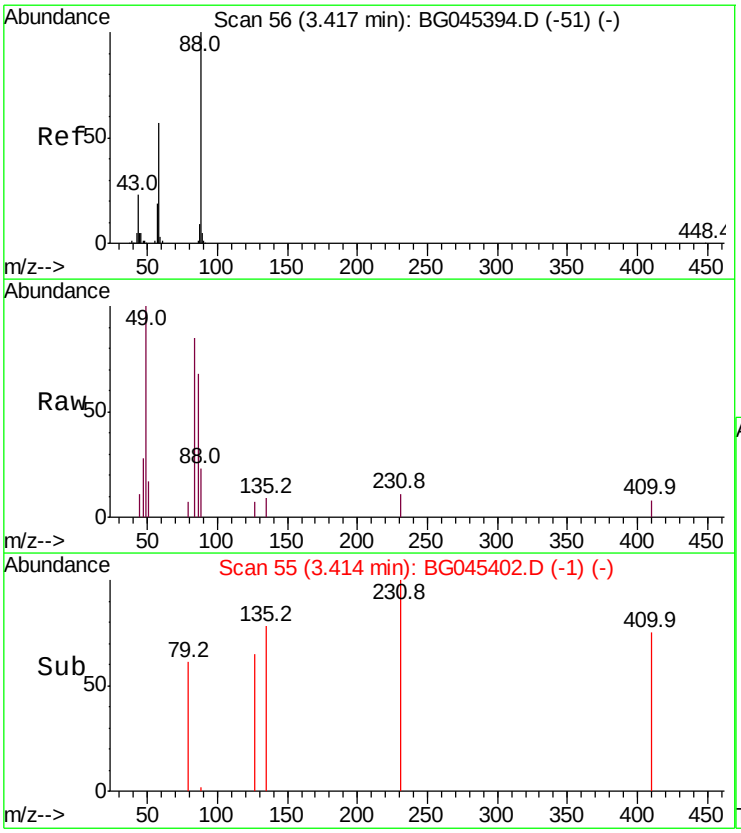
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:152 Resp: 66720

Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.4	183.6
115	64.1	44.2	66.4

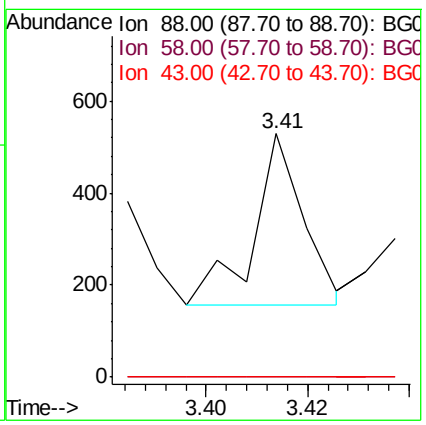


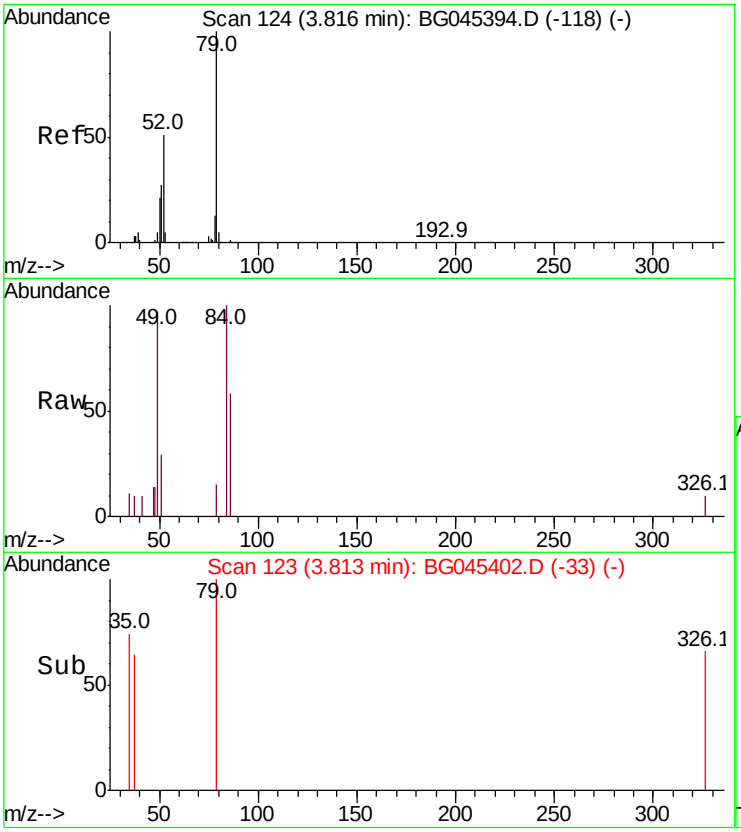


#2
1,4-Dioxane
Concen: 0.149 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion: 88 Resp: 253

Ion	Ratio	Lower	Upper
88	100		
58	0.0	45.7	68.5#
43	0.0	16.8	25.2#



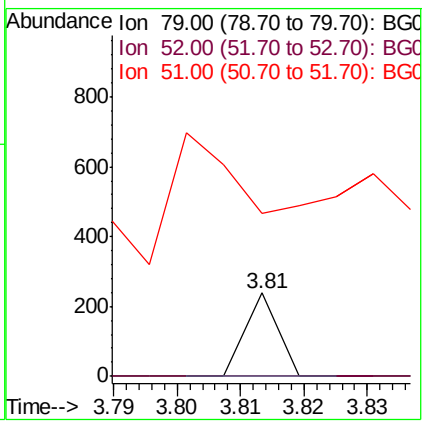


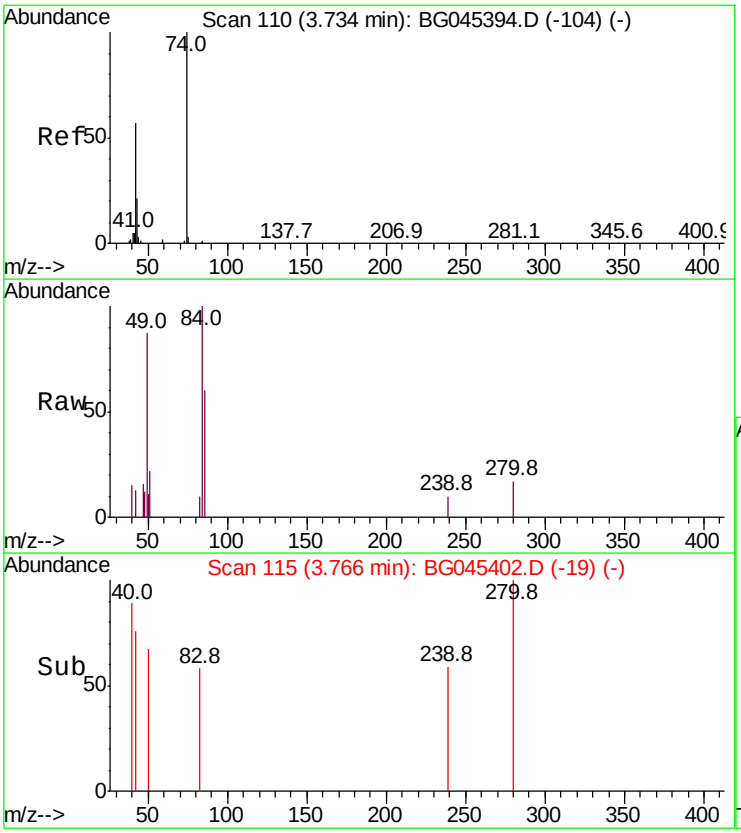
#3
Pyridine
Concen: 0.018 ng
RT: 3.81 min Scan# 123
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion: 79 Resp: 84

Ion	Ratio	Lower	Upper
79	100		
52	0.0	40.8	61.2#
51	195.0	21.9	32.9#

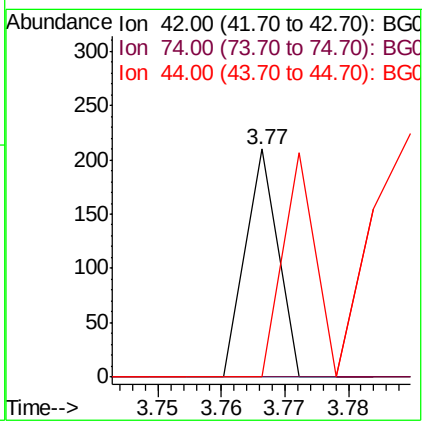


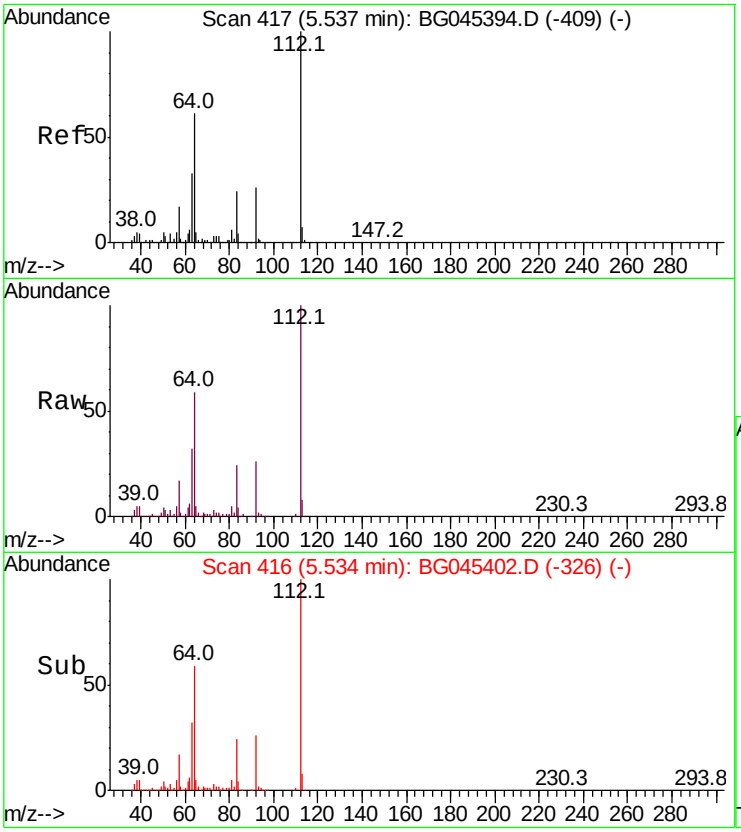


#4
n-Nitrosodimethylamine
Concen: 0.048 ng
RT: 3.77 min Scan# 115
Delta R.T. 0.03 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion: 42 Resp: 74

Ion	Ratio	Lower	Upper
42	100		
74	0.0	141.3	211.9#
44	0.0	4.2	6.4#



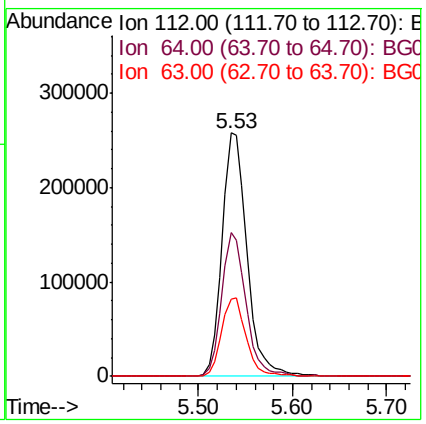


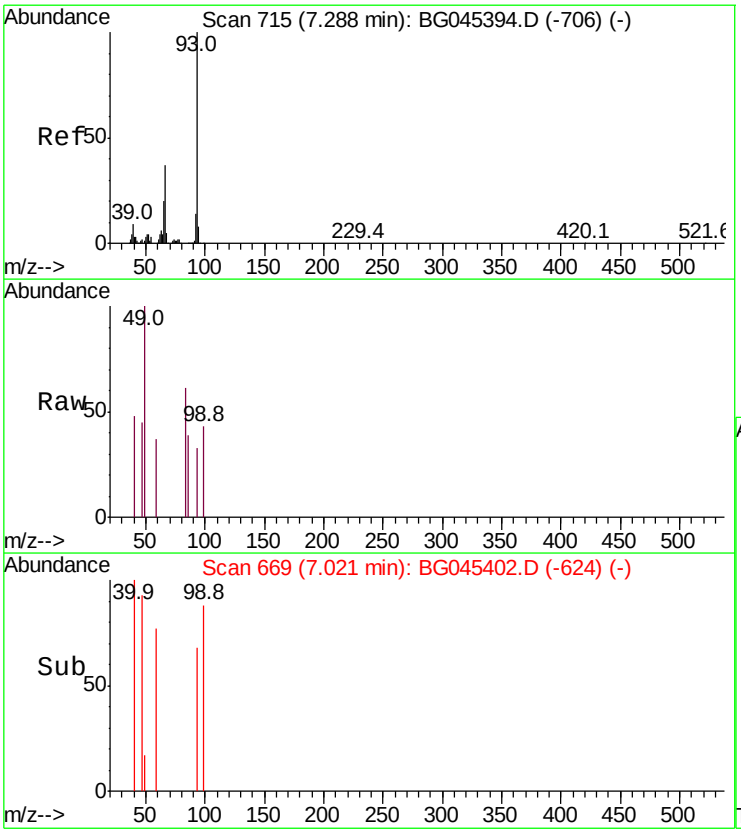
#5
2-Fluorophenol
Concen: 139.434 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:112 Resp: 476029

Ion	Ratio	Lower	Upper
112	100		
64	58.8	48.6	72.8
63	31.6	26.5	39.7

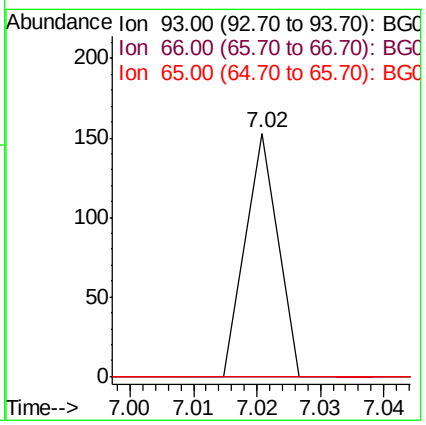


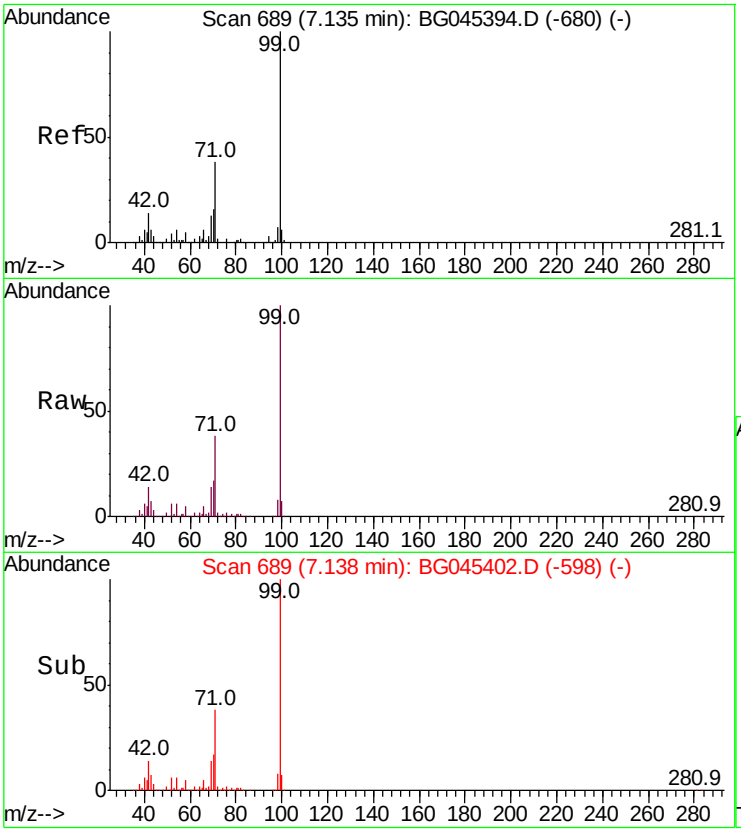


#6
Aniline
Concen: 0.009 ng
RT: 7.02 min Scan# 669
Delta R.T. -0.27 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion: 93 Resp: 54

Ion	Ratio	Lower	Upper
93	100		
66	0.0	29.6	44.4#
65	0.0	15.9	23.9#



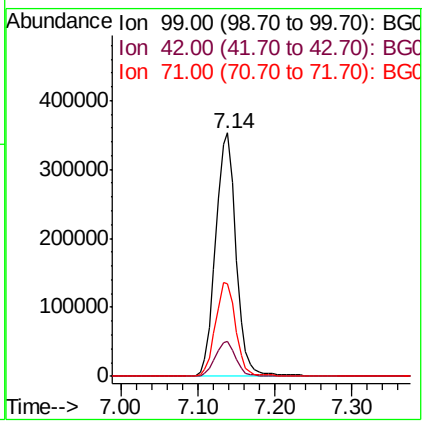


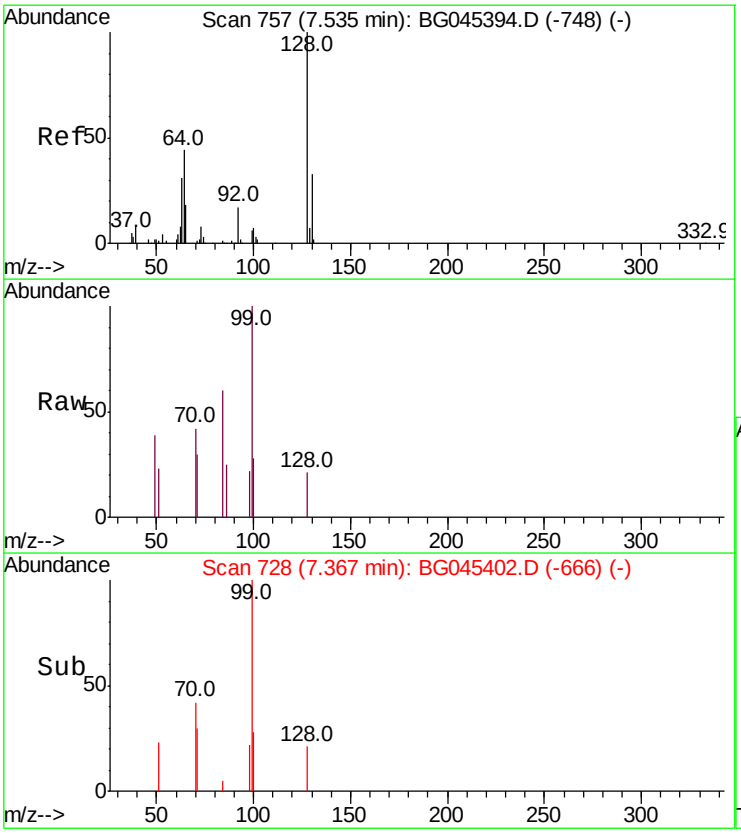
#7
Phenol-d6
Concen: 133.457 ng
RT: 7.14 min Scan# 689
Delta R.T. 0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion: 99 Resp: 648488

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.3	16.9
71	38.1	30.8	46.2

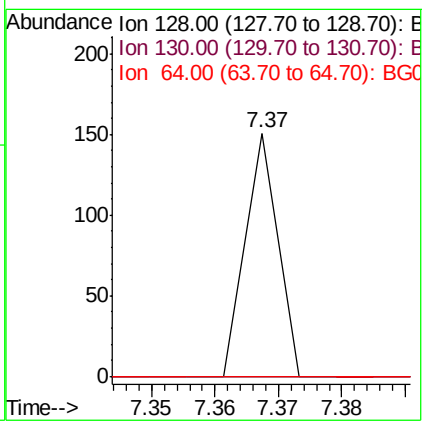


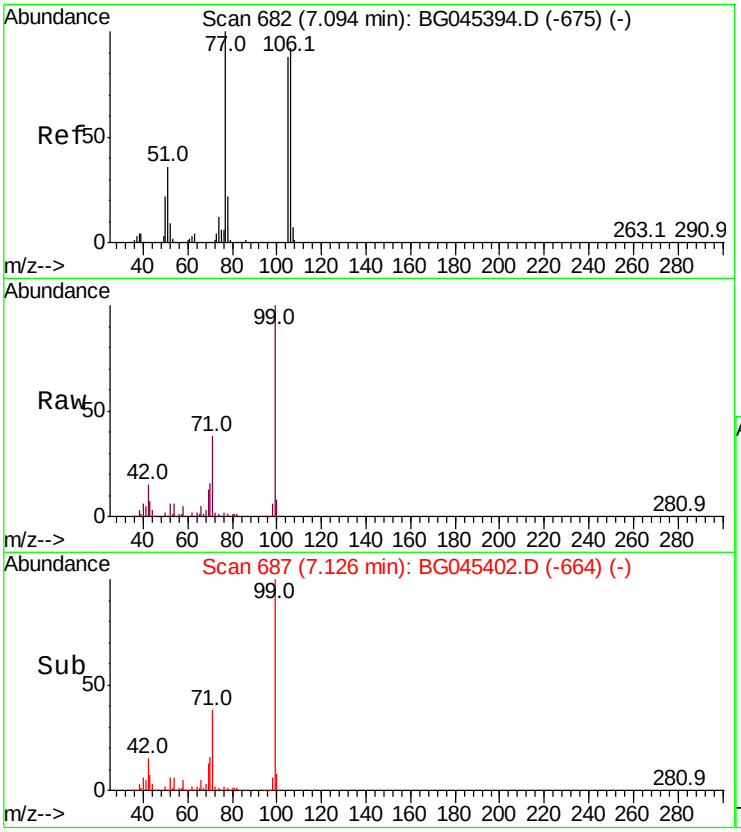


#8
2-Chlorophenol
Concen: 0.014 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.17 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:128 Resp: 53

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.6	52.6#
64	0.0	27.0	67.0#



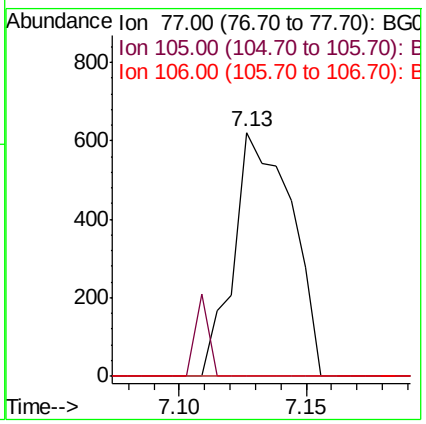


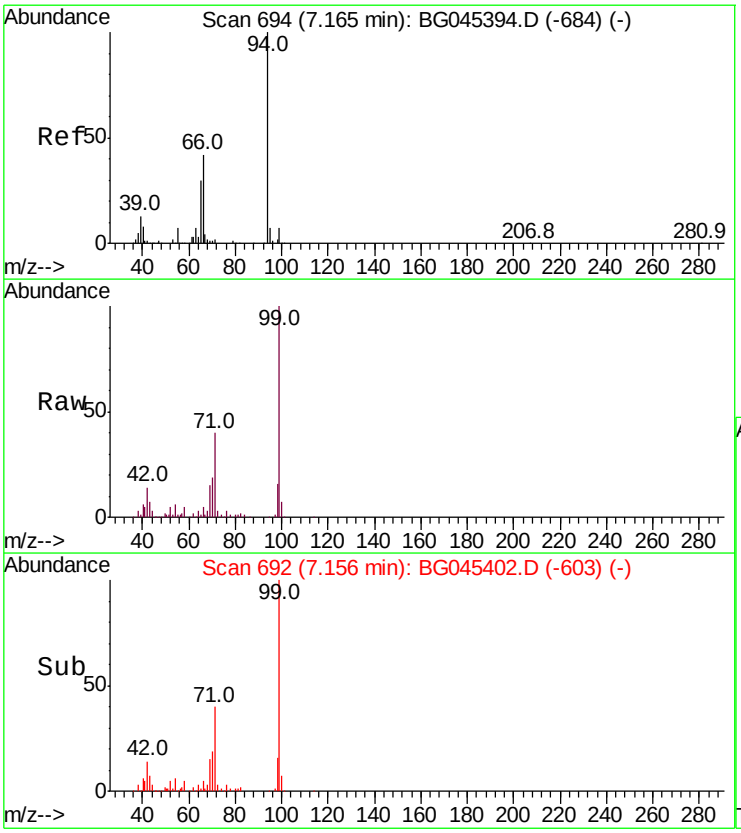
#9
Benzaldehyde
Concen: 0.311 ng
RT: 7.13 min Scan# 687
Delta R.T. 0.03 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion: 77 Resp: 986

Ion	Ratio	Lower	Upper
77	100		
105	0.0	68.5	108.5#
106	0.0	71.6	111.6#

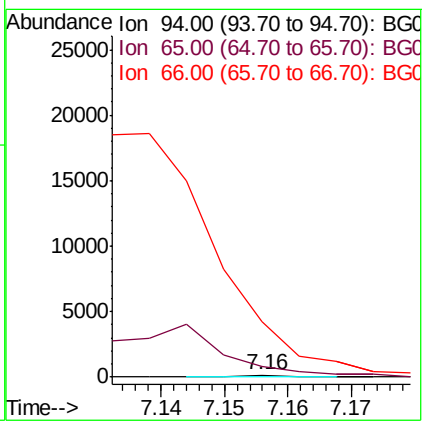


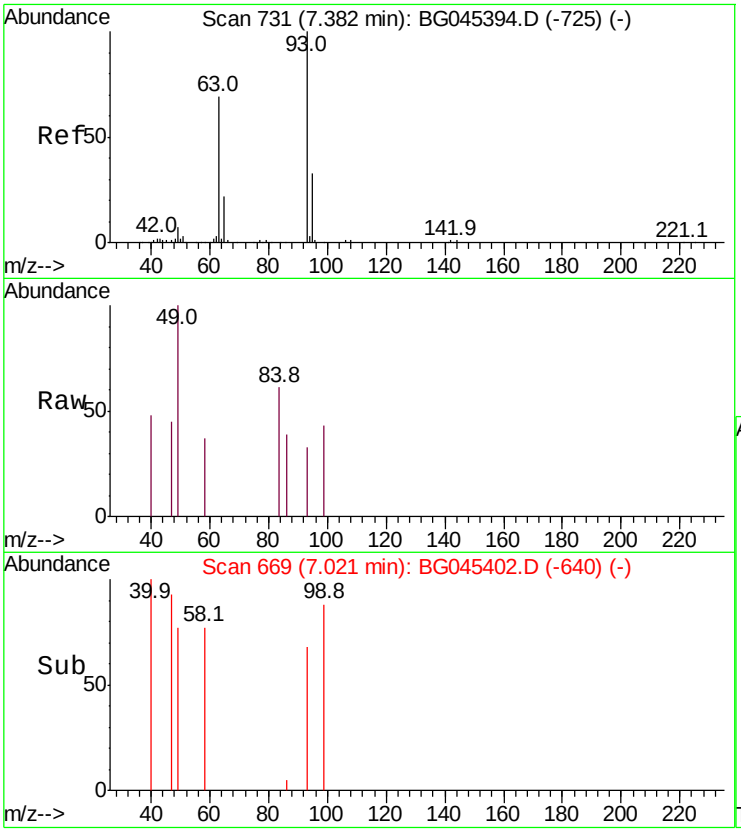


#10
Phenol
Concen: 0.011 ng
RT: 7.16 min Scan# 692
Delta R.T. -0.01 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion: 94 Resp: 55

Ion	Ratio	Lower	Upper
94	100		
65	545.2	9.8	49.8#
66	2754.2	22.0	62.0#



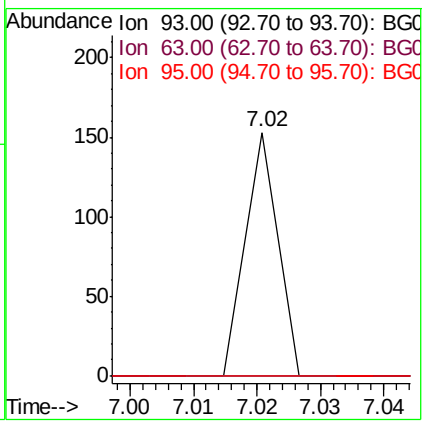


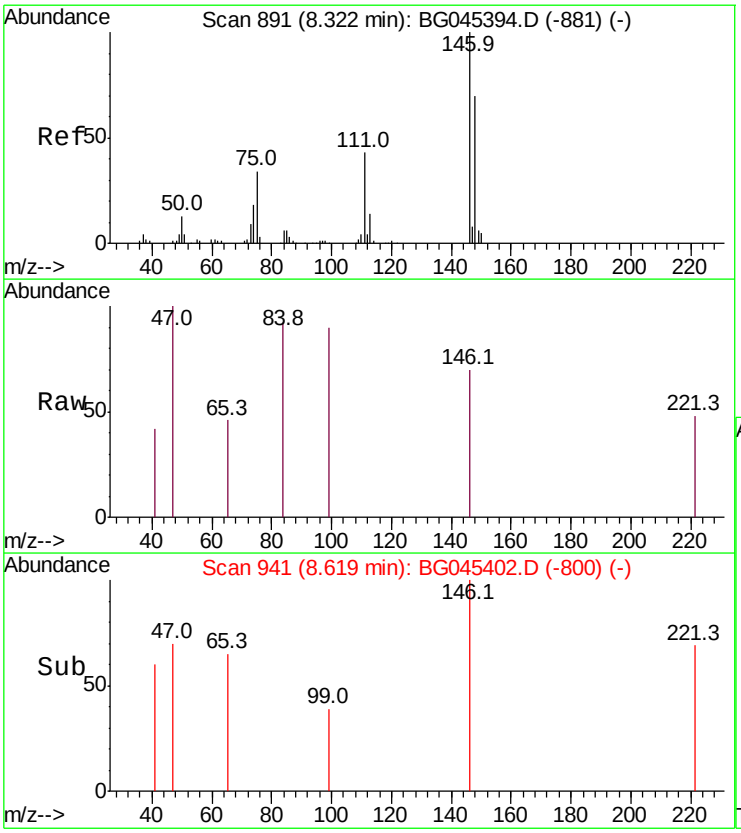
#11
bis(2-Chloroethyl)ether
Concen: 0.014 ng
RT: 7.02 min Scan# 669
Delta R.T. -0.36 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument : BNA_G
ClientSampleId : PB128906BL

Tgt Ion: 93 Resp: 54

Ion	Ratio	Lower	Upper
93	100		
63	0.0	48.4	88.4#
95	0.0	12.4	52.4#

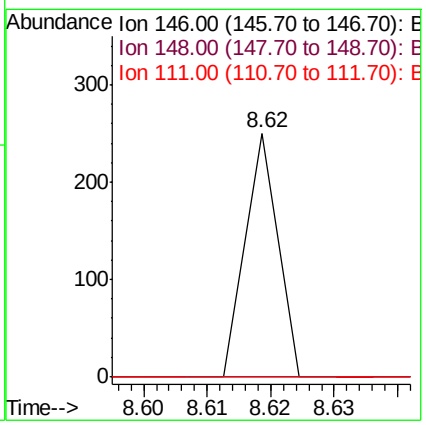


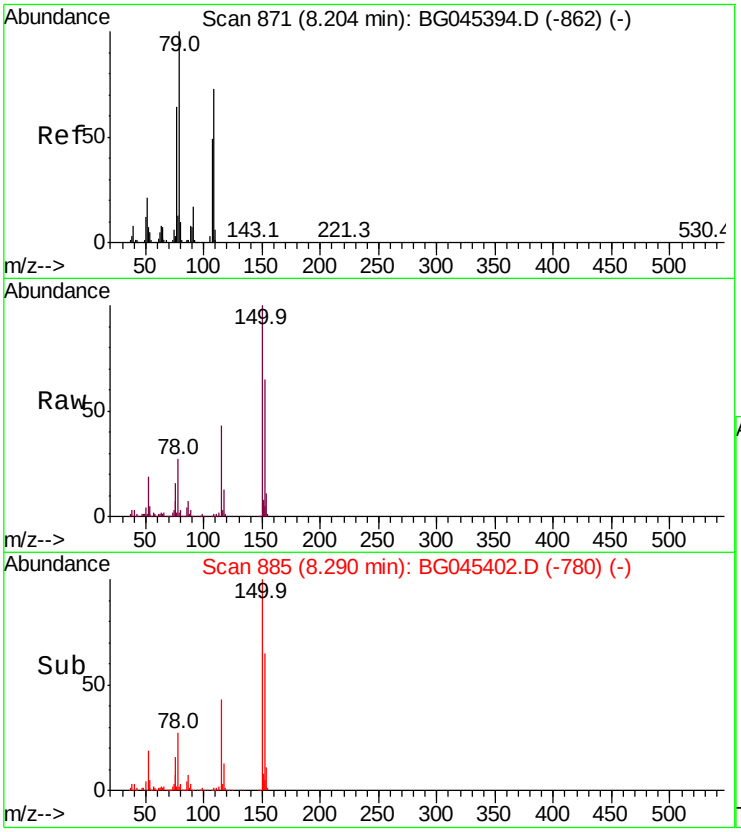


#14
1,2-Dichlorobenzene
Concen: 0.021 ng
RT: 8.62 min Scan# 941
Delta R.T. 0.30 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:146 Resp: 88

Ion	Ratio	Lower	Upper
146	100		
148	0.0	55.9	83.9#
111	0.0	35.0	52.4#



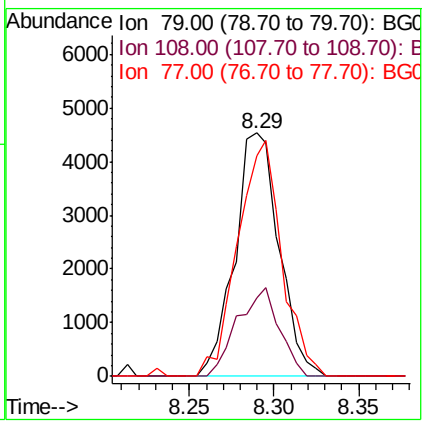


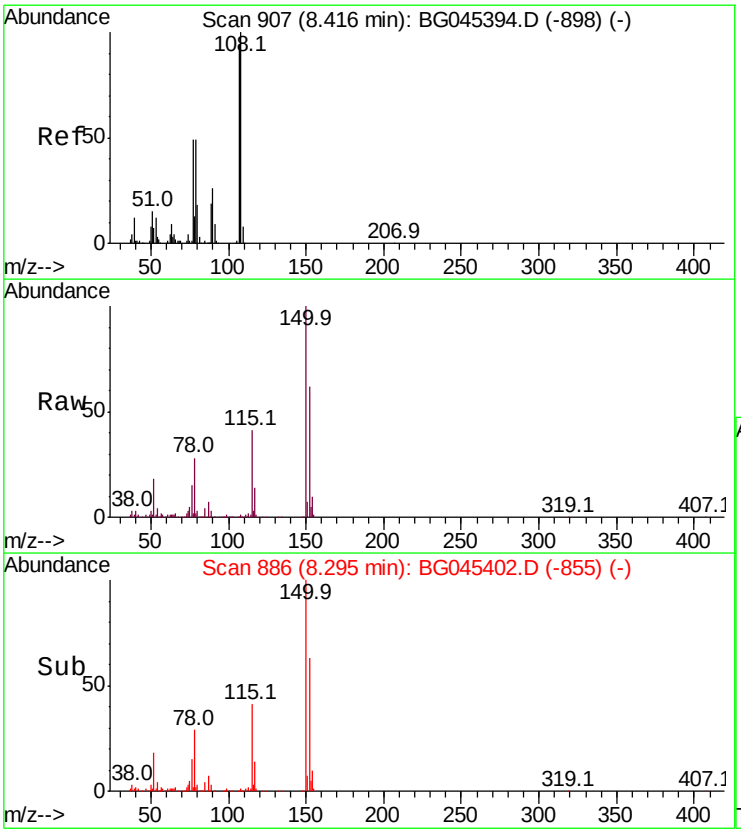
#15
Benzyl Alcohol
Concen: 2.060 ng
RT: 8.29 min Scan# 885
Delta R.T. 0.09 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion: 79 Resp: 8269

Ion	Ratio	Lower	Upper
79	100		
108	32.1	58.2	87.4#
77	90.7	51.0	76.4#

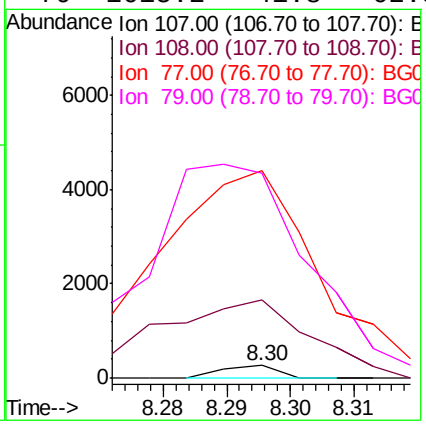


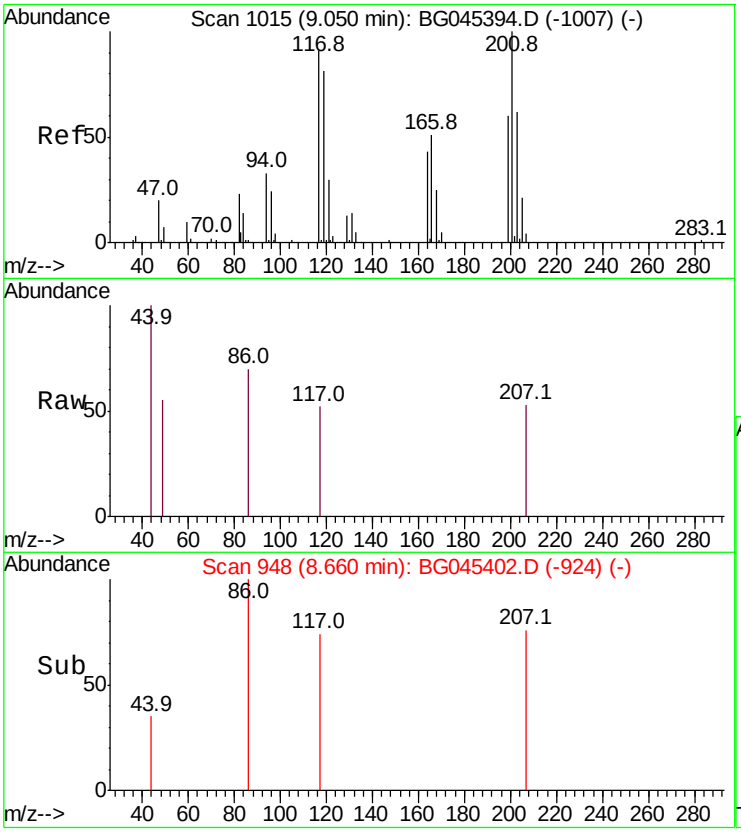


#17
2-Methylphenol
Concen: 0.043 ng
RT: 8.30 min Scan# 886
Delta R.T. -0.12 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:107 Resp: 163

Ion	Ratio	Lower	Upper
107	100		
108	616.7	85.2	127.8#
77	1632.7	41.6	62.4#
79	1615.2	41.8	62.8#



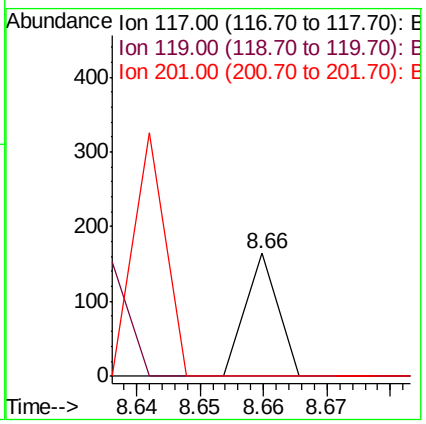


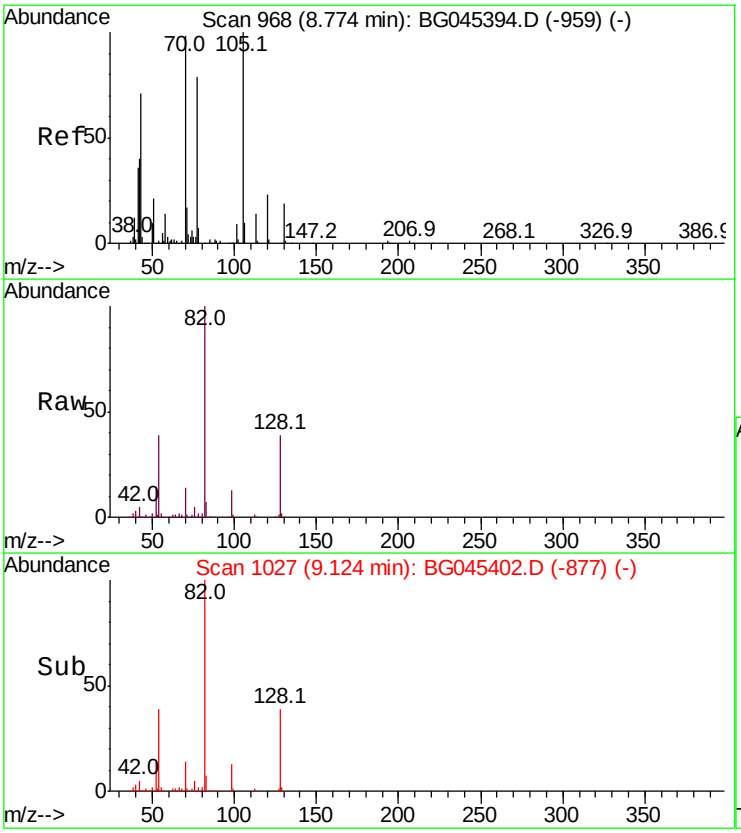
#18
Hexachloroethane
Concen: 0.034 ng
RT: 8.66 min Scan# 948
Delta R.T. -0.39 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:117 Resp: 58

Ion	Ratio	Lower	Upper
117	100		
119	0.0	71.3	106.9#
201	0.0	87.5	131.3#

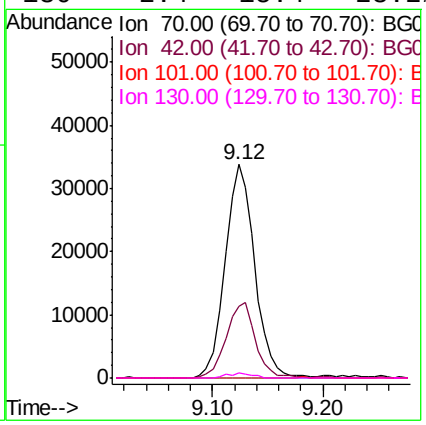


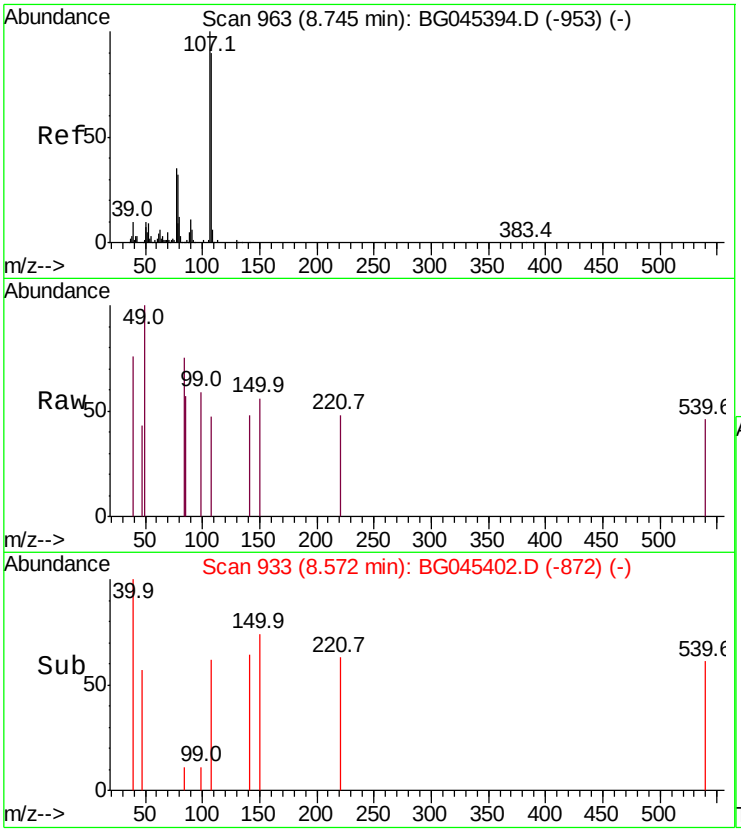


#19
n-Nitroso-di-n-propylamine
Concen: 18.903 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.35 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion: 70 Resp: 63516

Ion	Ratio	Lower	Upper
70	100		
42	33.5	33.2	49.8
101	0.0	7.8	11.6#
130	2.4	15.4	23.2#



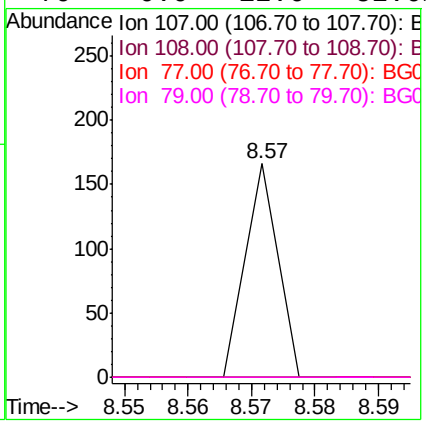


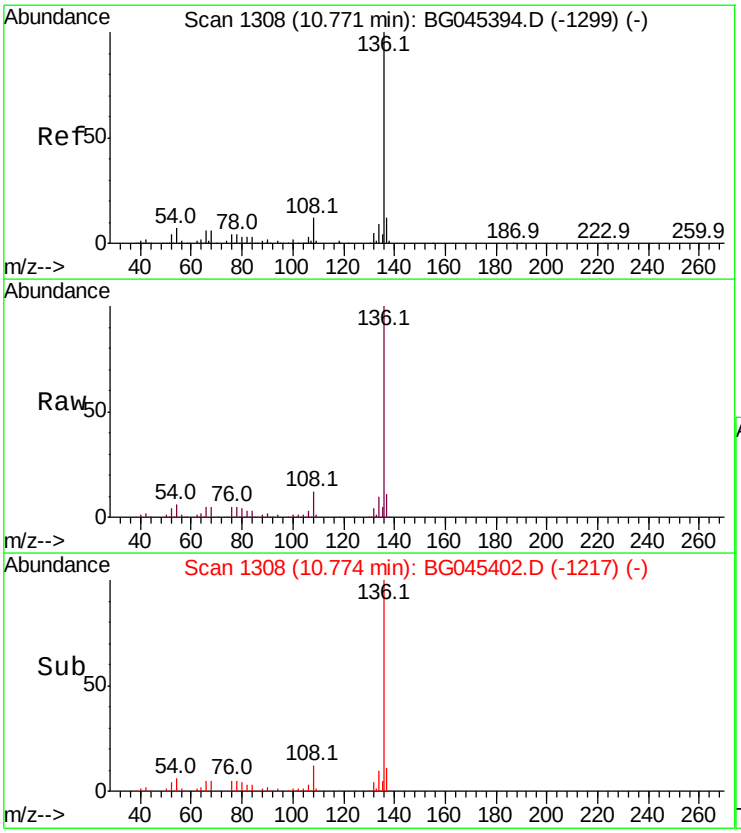
#20
3+4-Methylphenols
Concen: 0.012 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.17 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument : BNA_G
ClientSampleId : PB128906BL

Tgt Ion:107 Resp: 59

Ion	Ratio	Lower	Upper
107	100		
108	0.0	70.3	110.3#
77	0.0	15.4	55.4#
79	0.0	12.6	52.6#

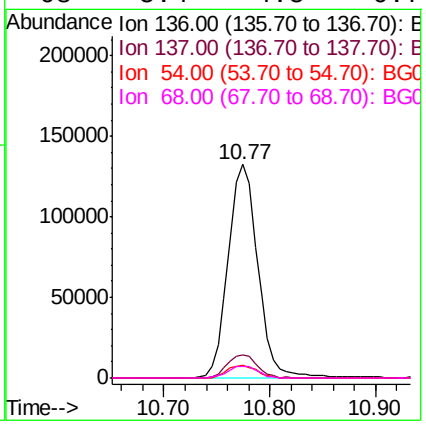


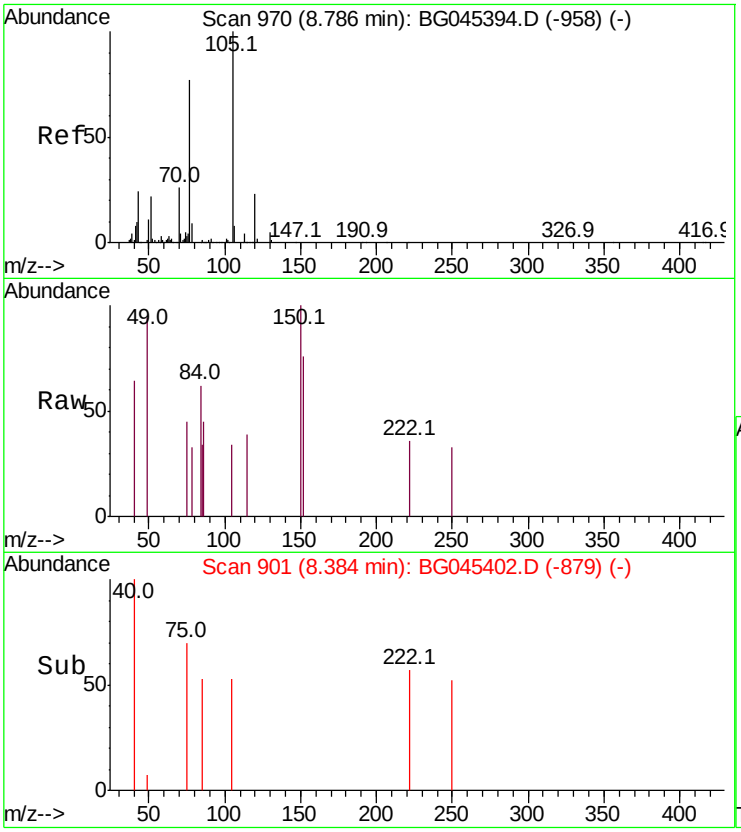


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:136 Resp: 257380

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.2
54	5.7	5.8	8.6#
68	5.4	4.5	6.7



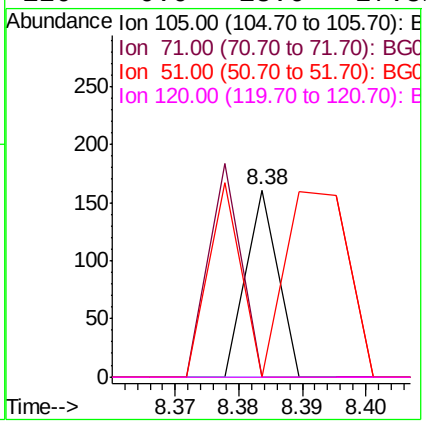


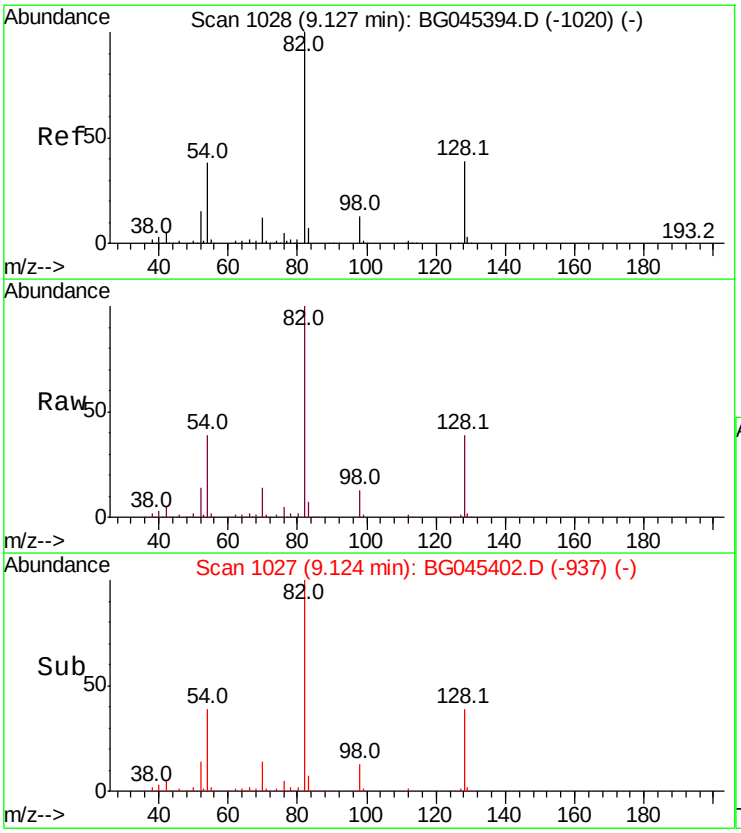
#22
Acetophenone
Concen: 0.009 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.40 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:105 Resp: 57

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.4	5.0#
51	0.0	18.2	27.2#
120	0.0	18.6	27.8#

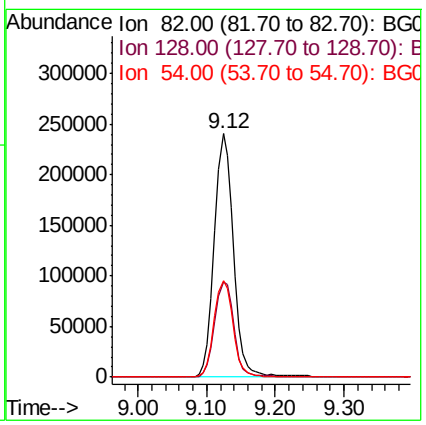


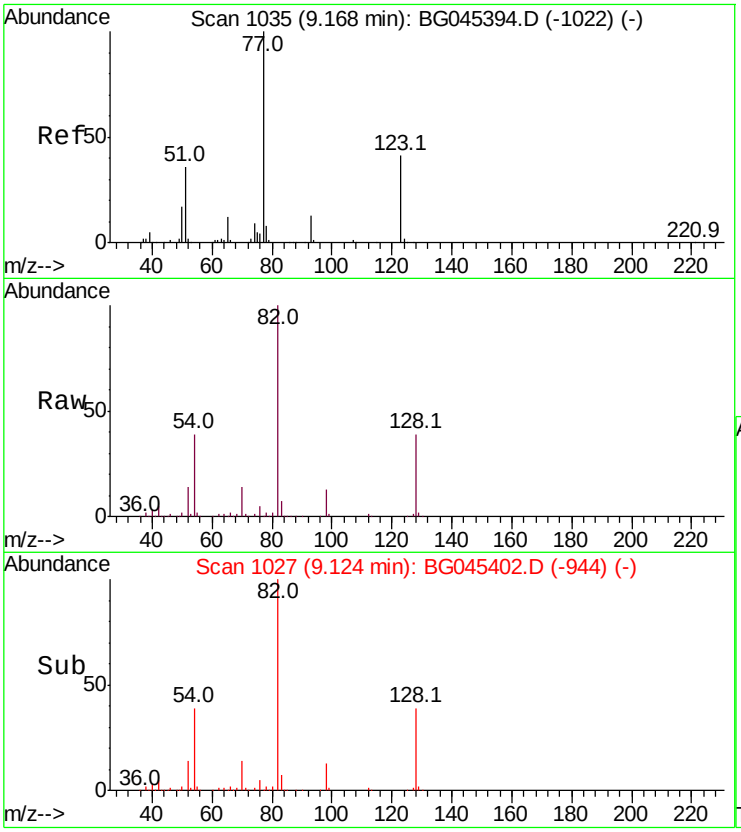


#23
Nitrobenzene-d5
Concen: 98.955 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion: 82 Resp: 467050

Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.9	46.3
54	39.5	30.3	45.5



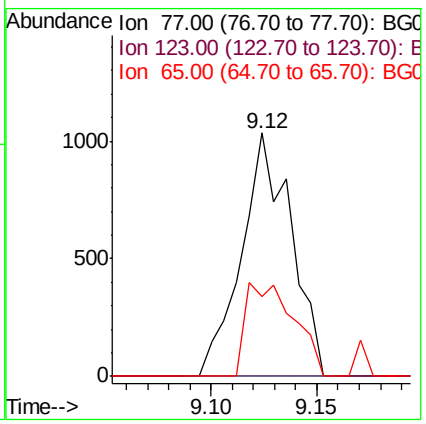


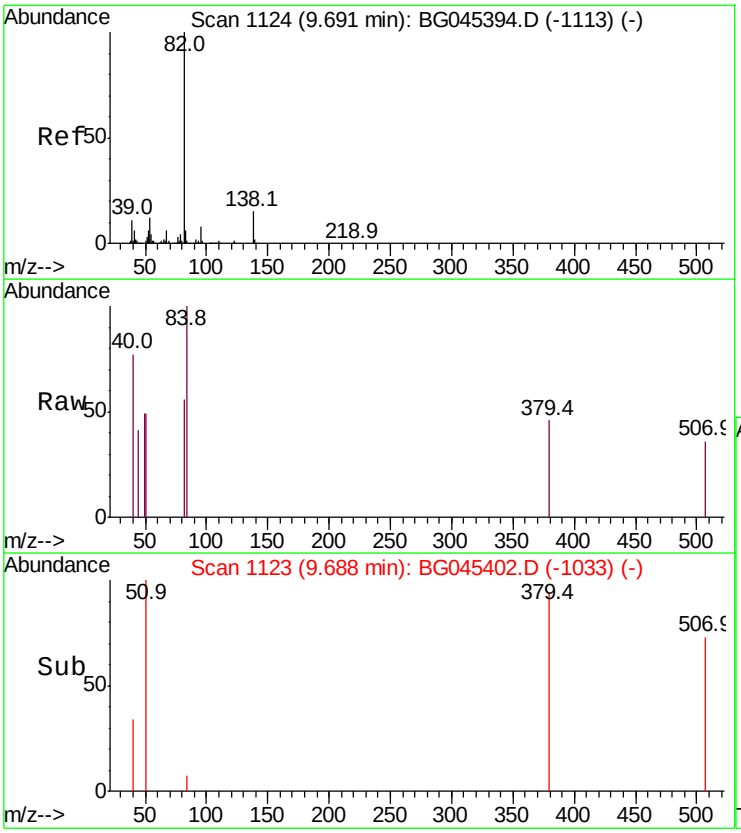
#24
Nitrobenzene
Concen: 0.334 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument : BNA_G
ClientSampleId : PB128906BL

Tgt Ion: 77 Resp: 1689

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.9	49.3#
65	32.7	9.4	14.2#

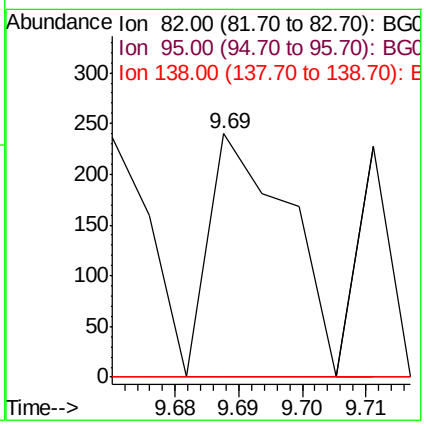


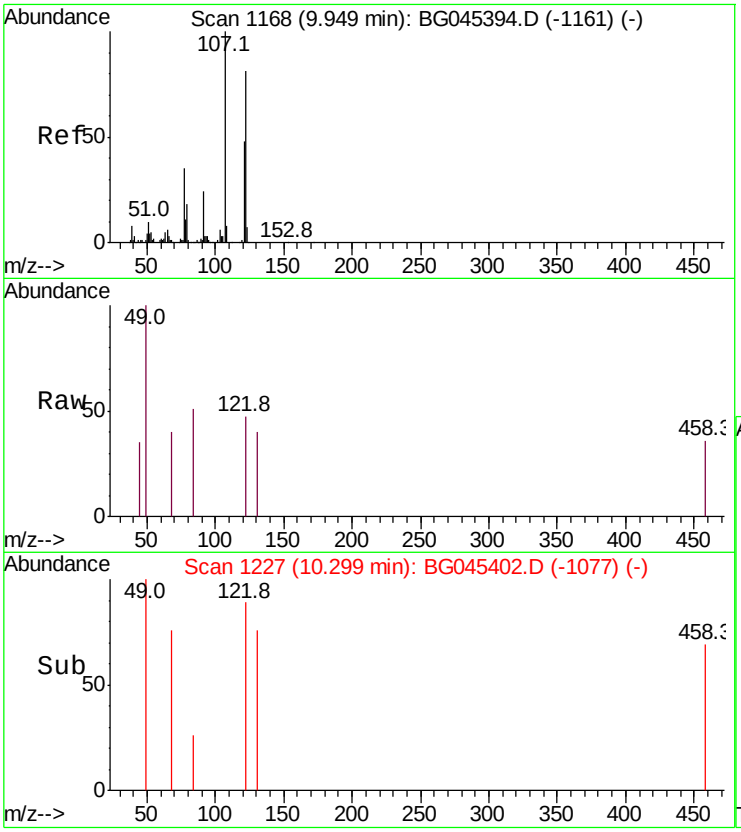


#25
Isophorone
Concen: 0.022 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion: 82 Resp: 207

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.7	10.1#
138	0.0	12.2	18.4#



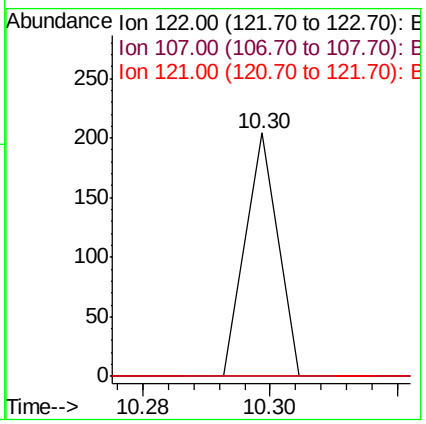


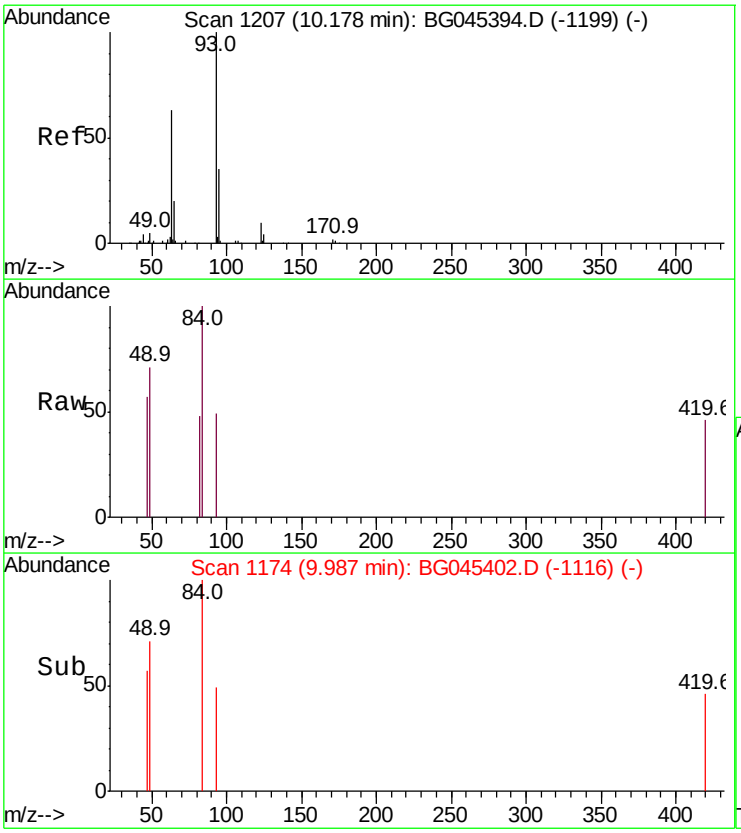
#27
2,4-Dimethylphenol
Concen: 0.022 ng
RT: 10.30 min Scan# 1227
Delta R.T. 0.35 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:122 Resp: 72

Ion	Ratio	Lower	Upper
122	100		
107	0.0	99.0	148.4#
121	0.0	47.7	71.5#

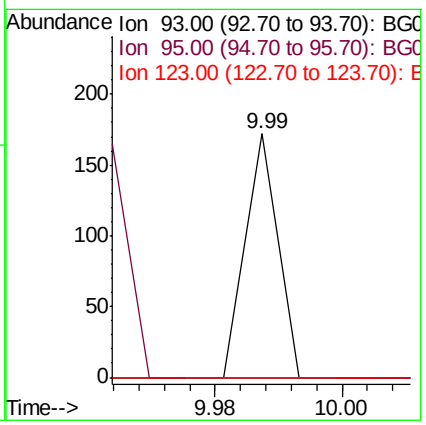


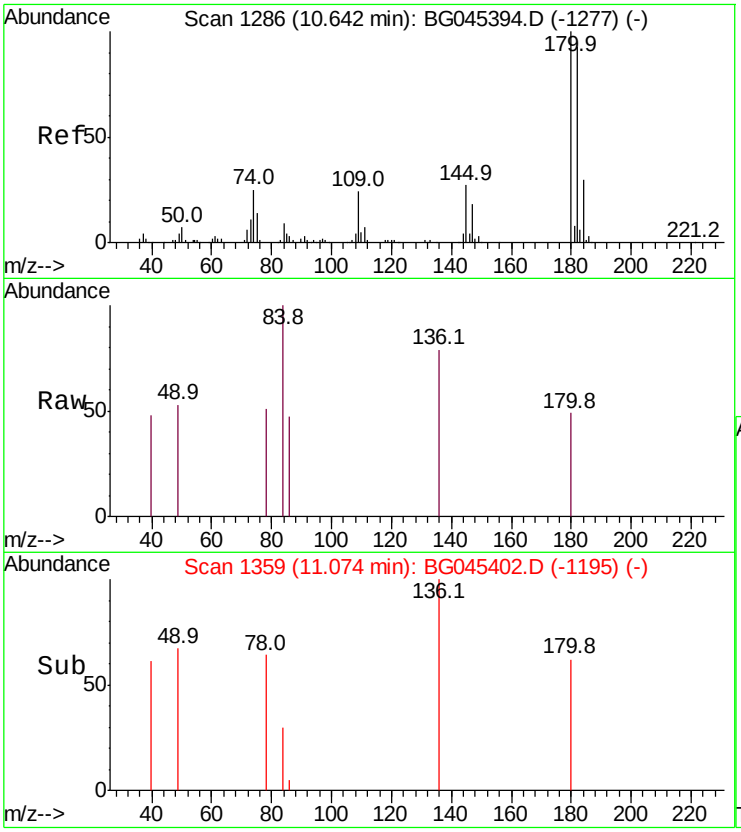


#28
bis(2-Chloroethoxy)methane
Concen: 0.013 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.19 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion: 93 Resp: 61

Ion	Ratio	Lower	Upper
93	100		
95	0.0	27.6	41.4#
123	0.0	8.1	12.1#



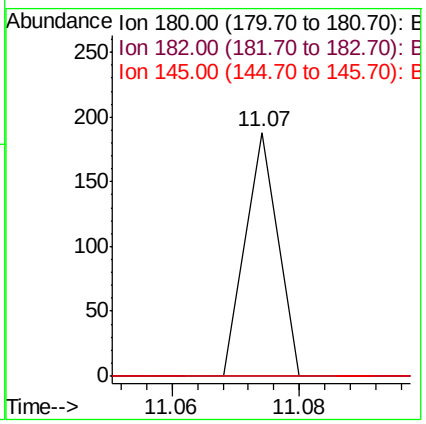


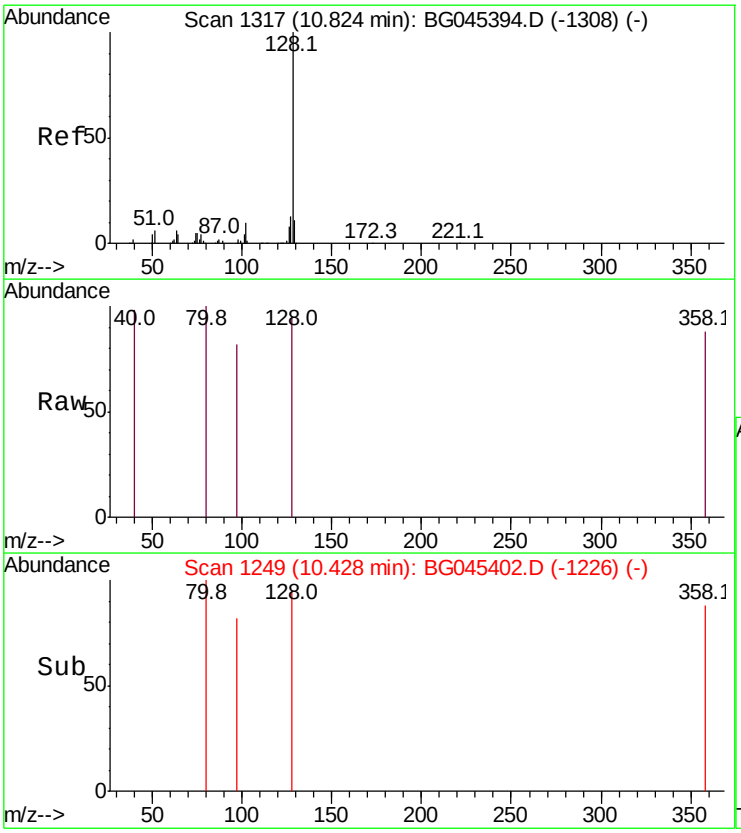
#30
1,2,4-Trichlorobenzene
Concen: 0.015 ng
RT: 11.07 min Scan# 1359
Delta R.T. 0.43 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:180 Resp: 66

Ion	Ratio	Lower	Upper
180	100		
182	0.0	74.8	112.2#
145	0.0	21.9	32.9#

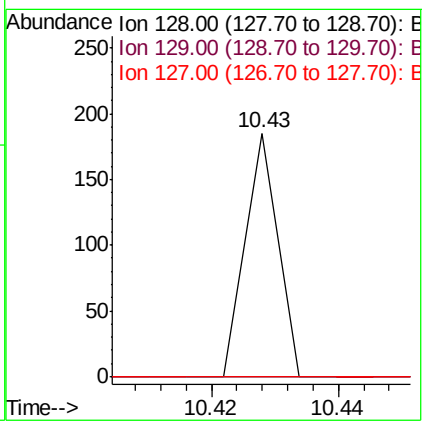


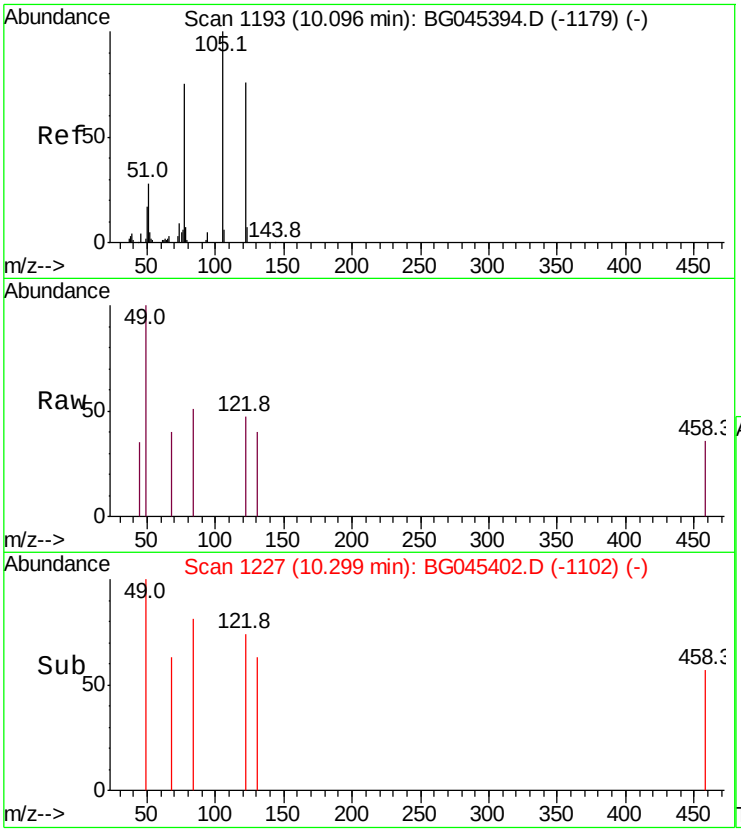


#31
Naphthalene
Concen: 0.005 ng
RT: 10.43 min Scan# 1249
Delta R.T. -0.40 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:128 Resp: 65

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.6#
127	0.0	10.7	16.1#



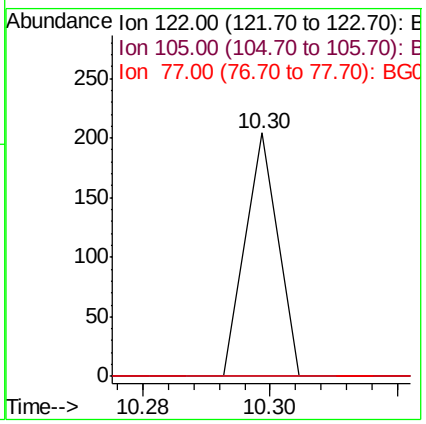


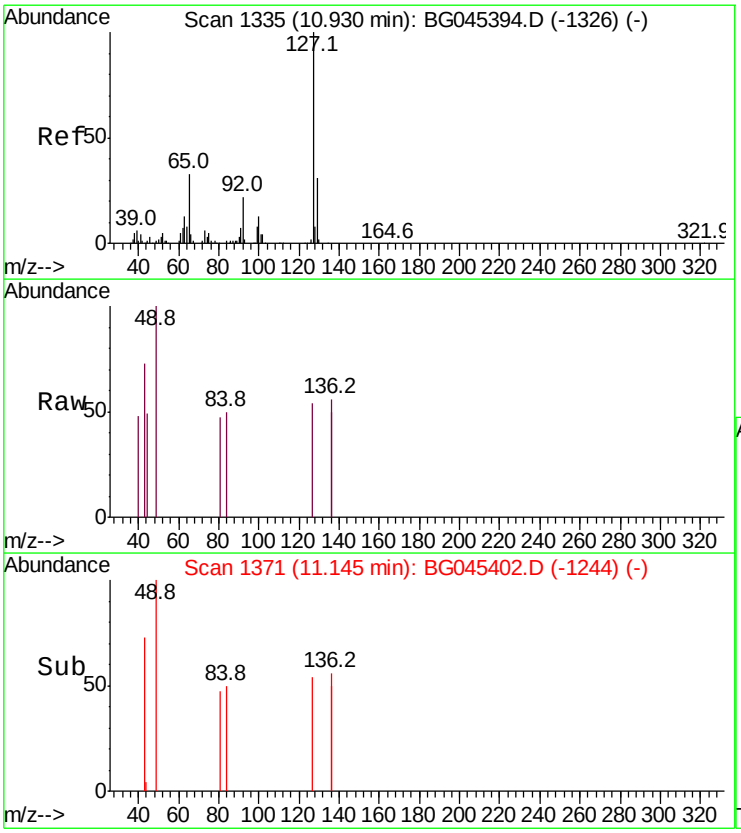
#32
Benzoic acid
Concen: 10.049 ng
RT: 10.30 min Scan# 1227
Delta R.T. 0.20 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:122 Resp: 72

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#

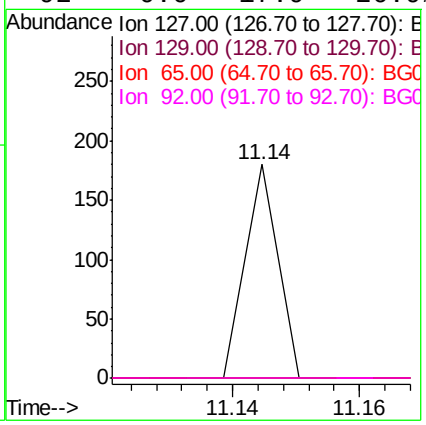


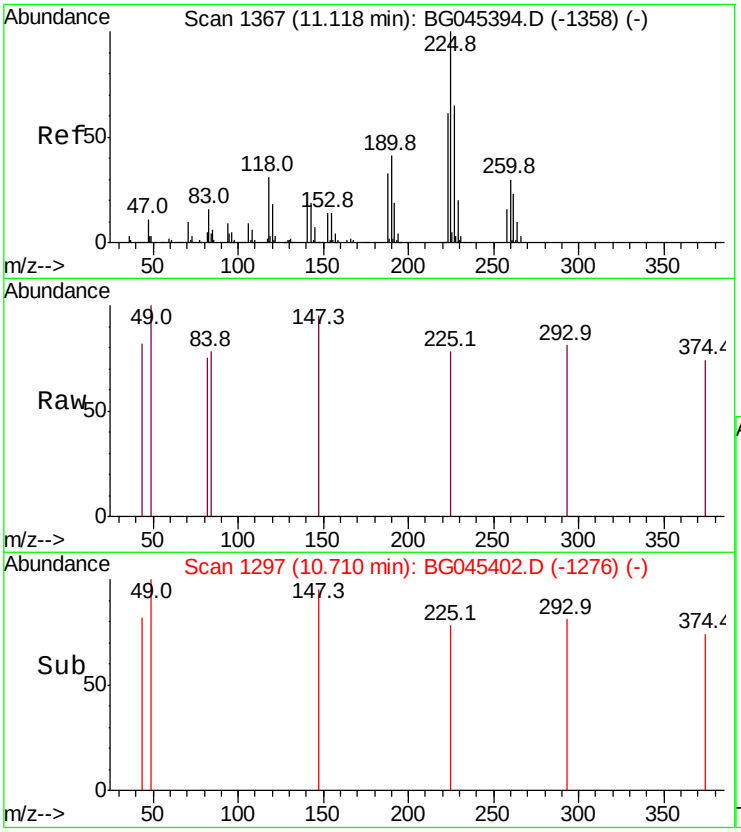


#33
4-Chloroaniline
Concen: 0.013 ng
RT: 11.14 min Scan# 1371
Delta R.T. 0.21 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:127 Resp: 63

Ion	Ratio	Lower	Upper
127	100		
129	0.0	24.7	37.1#
65	0.0	26.2	39.2#
92	0.0	17.9	26.9#



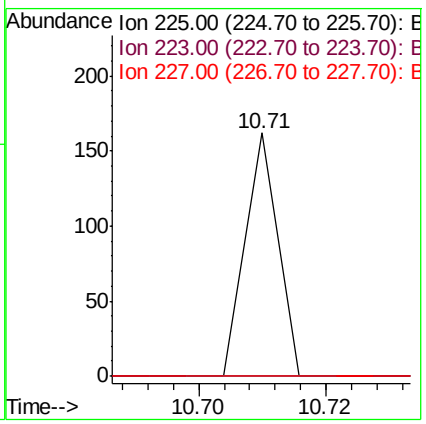


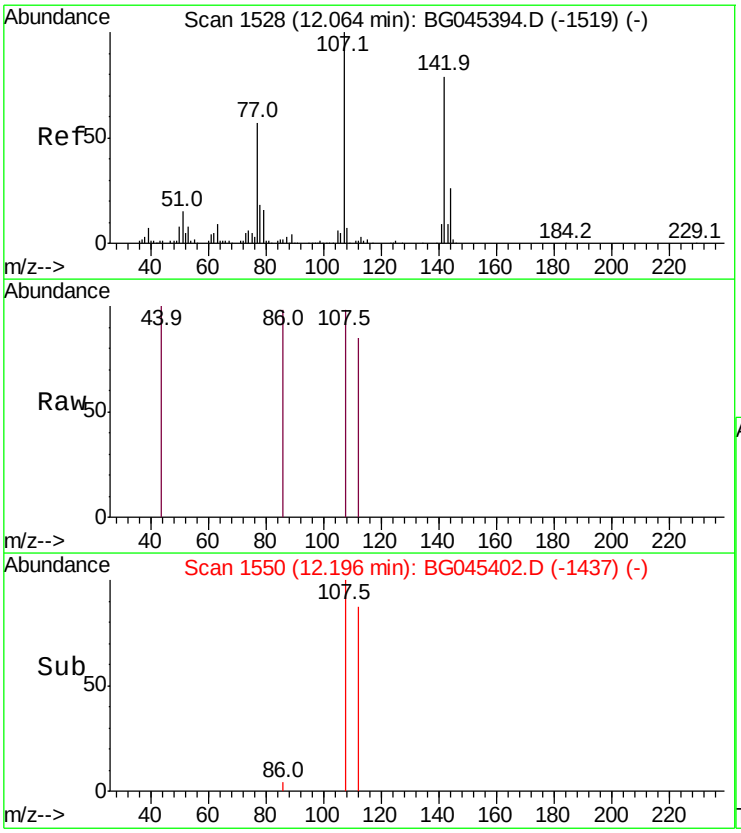
#34
Hexachlorobutadiene
Concen: 0.018 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.41 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:225 Resp: 57

Ion	Ratio	Lower	Upper
225	100		
223	0.0	49.1	73.7#
227	0.0	52.0	78.0#

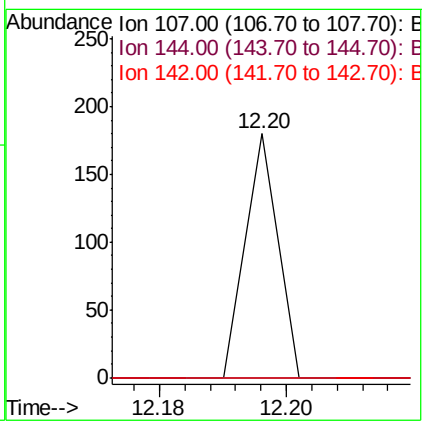


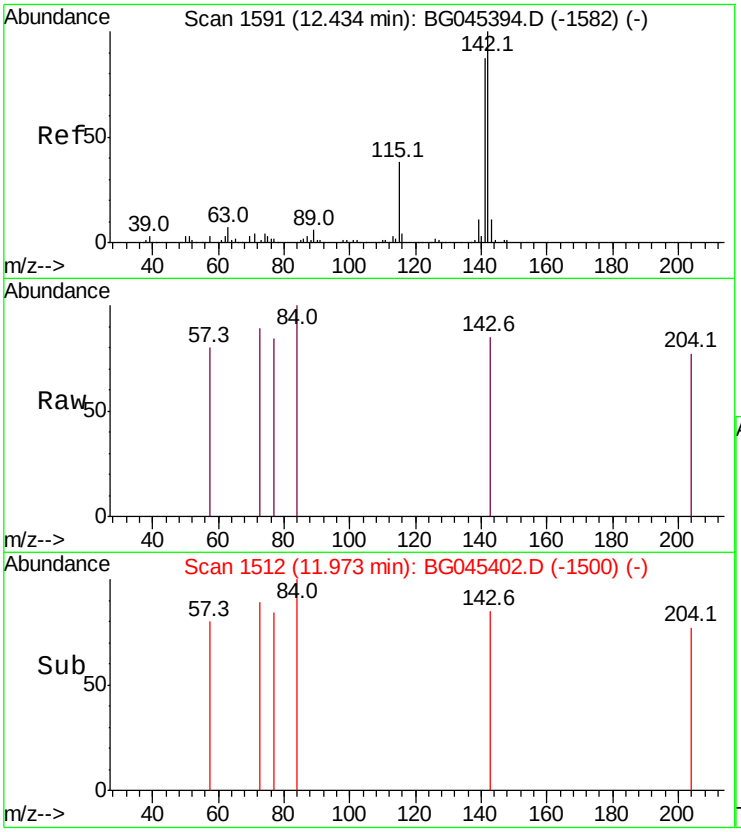


#36
4-Chloro-3-methylphenol
Concen: 0.015 ng
RT: 12.20 min Scan# 1550
Delta R.T. 0.13 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:107 Resp: 63

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.8	31.2#
142	0.0	62.8	94.2#



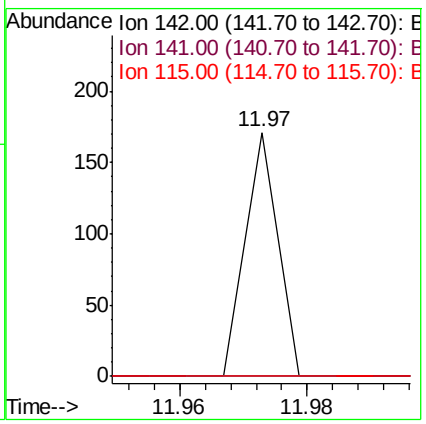


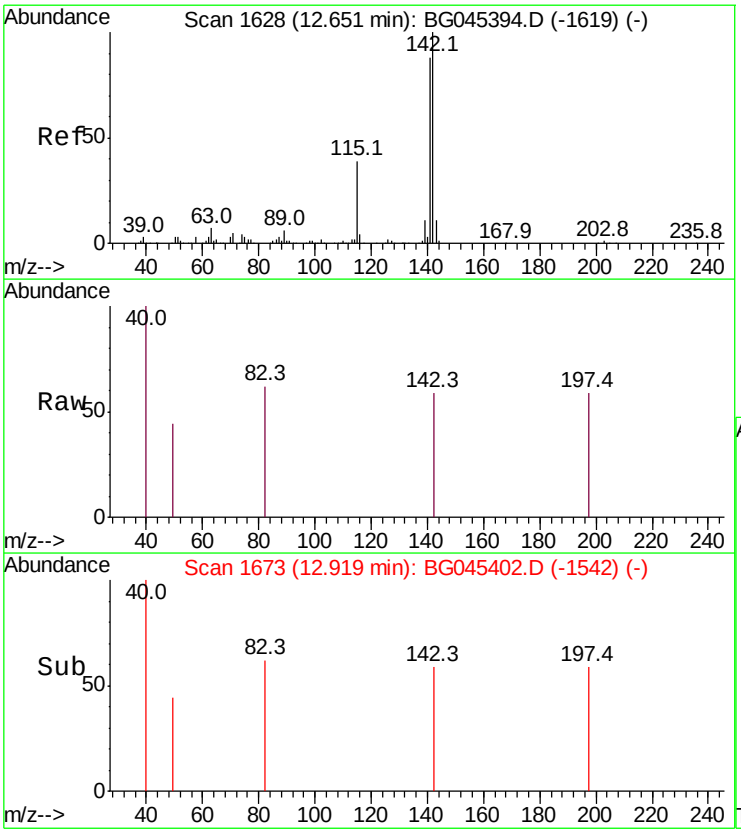
#37
2-Methylnaphthalene
Concen: 0.007 ng
RT: 11.97 min Scan# 1512
Delta R.T. -0.46 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:142 Resp: 60

Ion	Ratio	Lower	Upper
142	100		
141	0.0	70.0	105.0#
115	0.0	30.8	46.2#

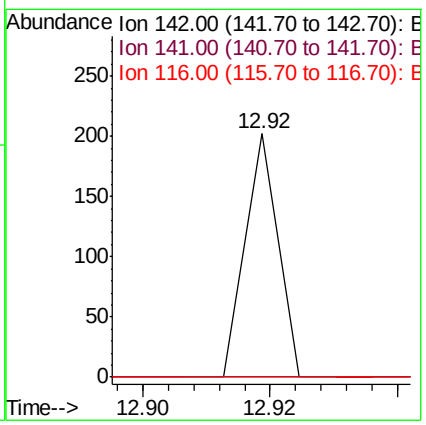


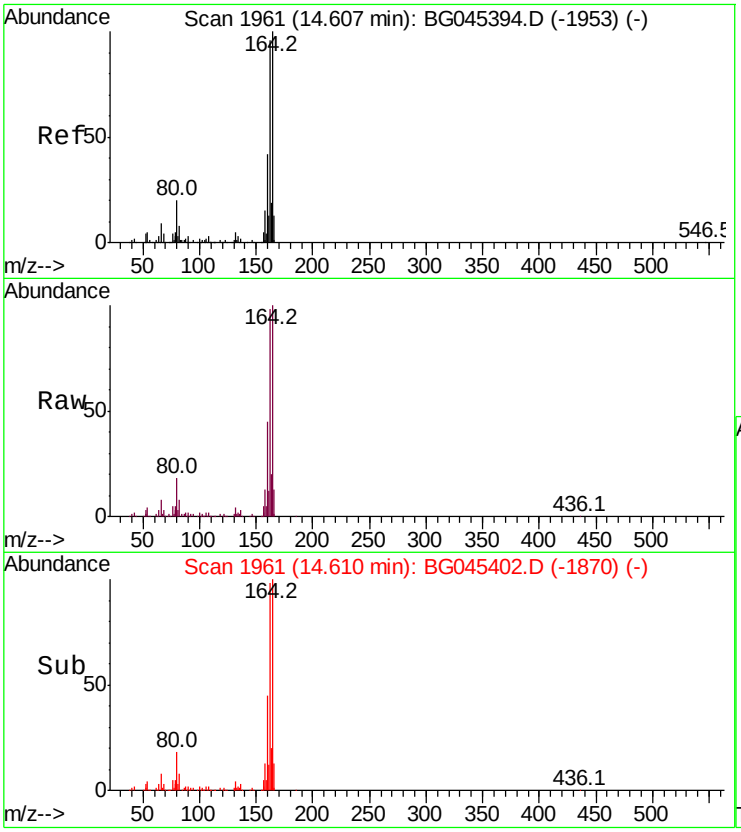


#38
1-Methylnaphthalene
Concen: 0.008 ng
RT: 12.92 min Scan# 1673
Delta R.T. 0.27 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:142 Resp: 71

Ion	Ratio	Lower	Upper
142	100		
141	0.0	70.8	106.2#
116	0.0	3.0	4.6#



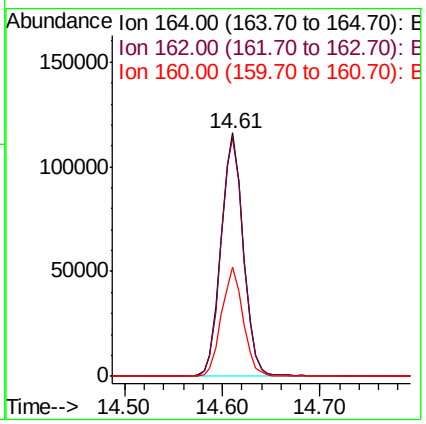


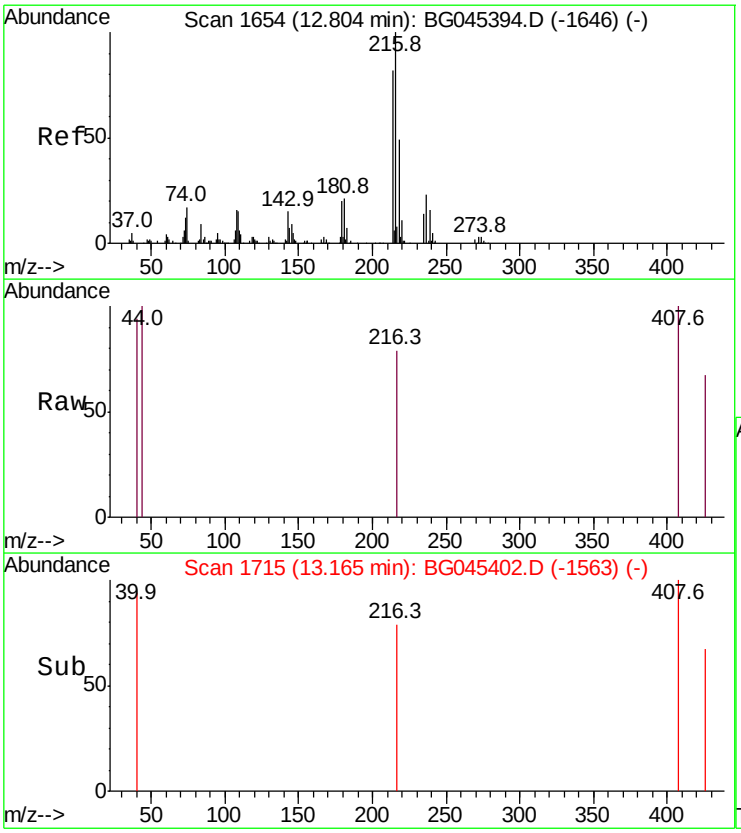
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:164 Resp: 183683

Ion	Ratio	Lower	Upper
164	100		
162	97.7	76.9	115.3
160	44.6	33.8	50.8

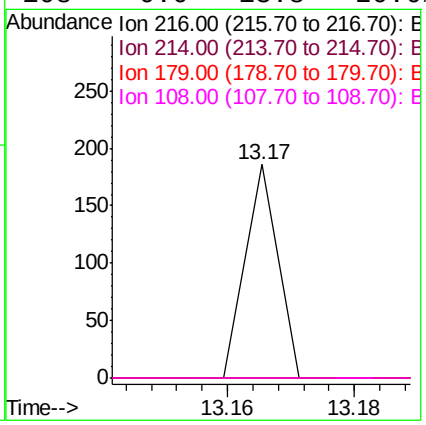


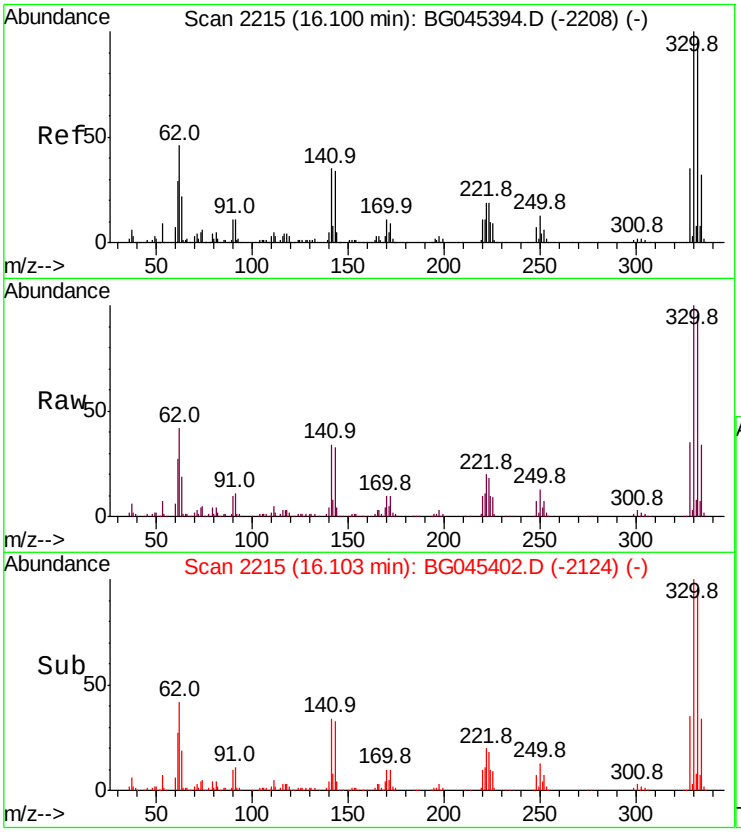


#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.013 ng
RT: 13.17 min Scan# 1715
Delta R.T. 0.36 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:216 Resp: 66

Ion	Ratio	Lower	Upper
216	100		
214	0.0	63.7	95.5#
179	0.0	16.1	24.1#
108	0.0	13.8	20.6#



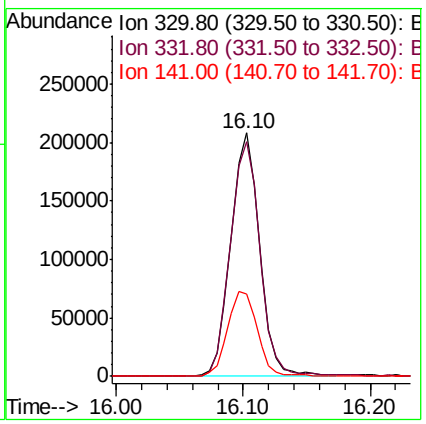


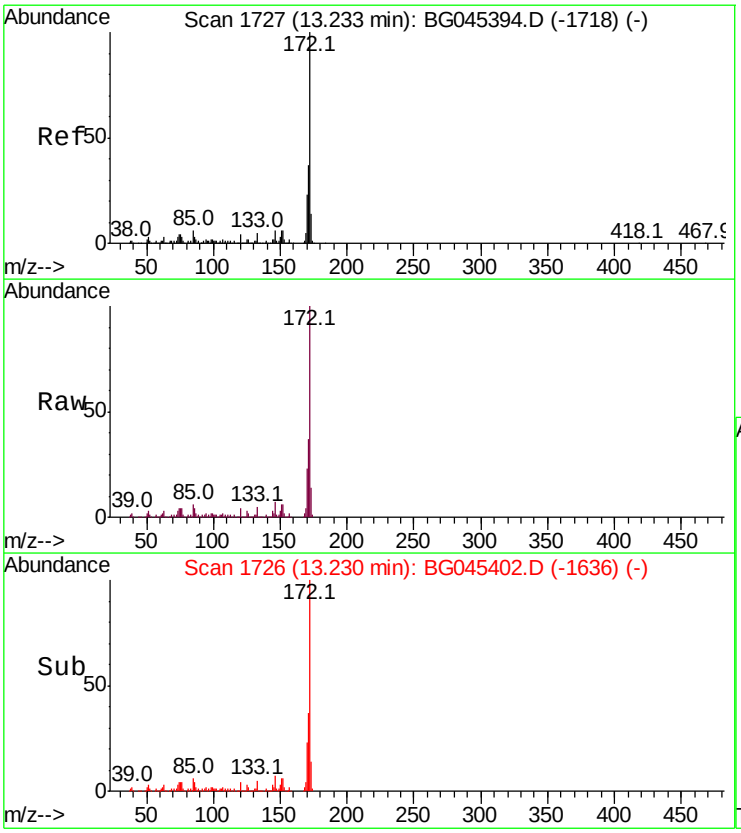
#42
2,4,6-Tribromophenol
Concen: 139.443 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:330 Resp: 327565

Ion	Ratio	Lower	Upper
330	100		
332	99.2	78.2	117.4
141	36.0	28.2	42.4

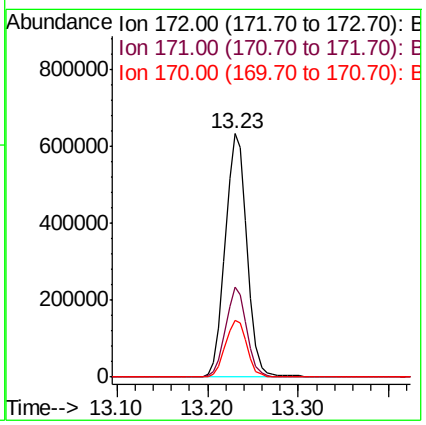


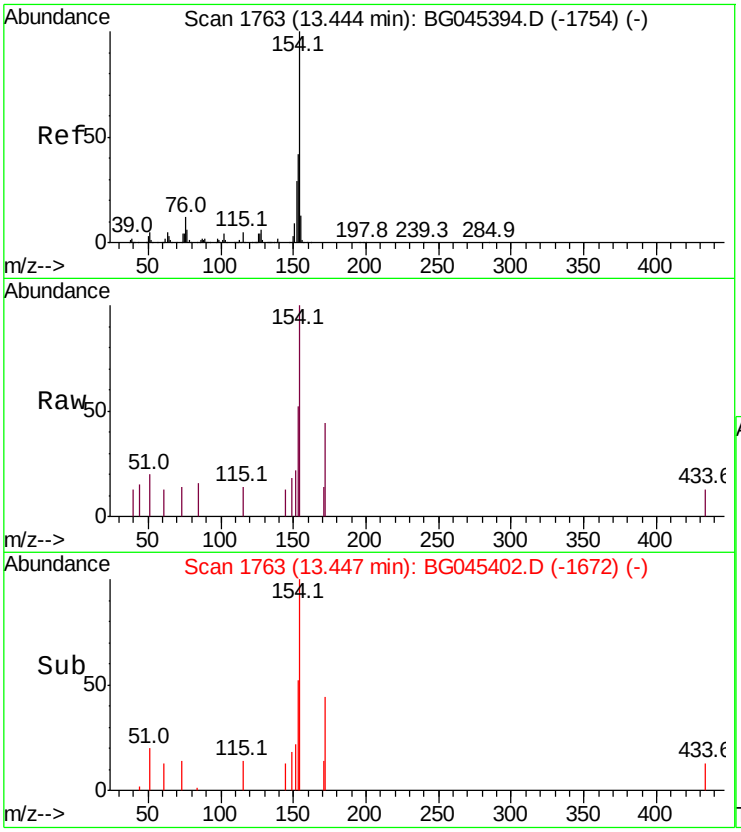


#45
2-Fluorobiphenyl
Concen: 97.036 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:172 Resp: 1050807

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	23.3	18.5	27.7



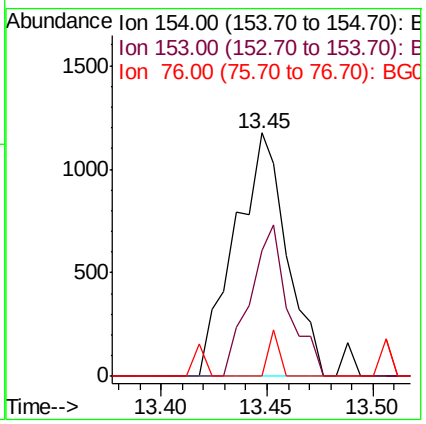


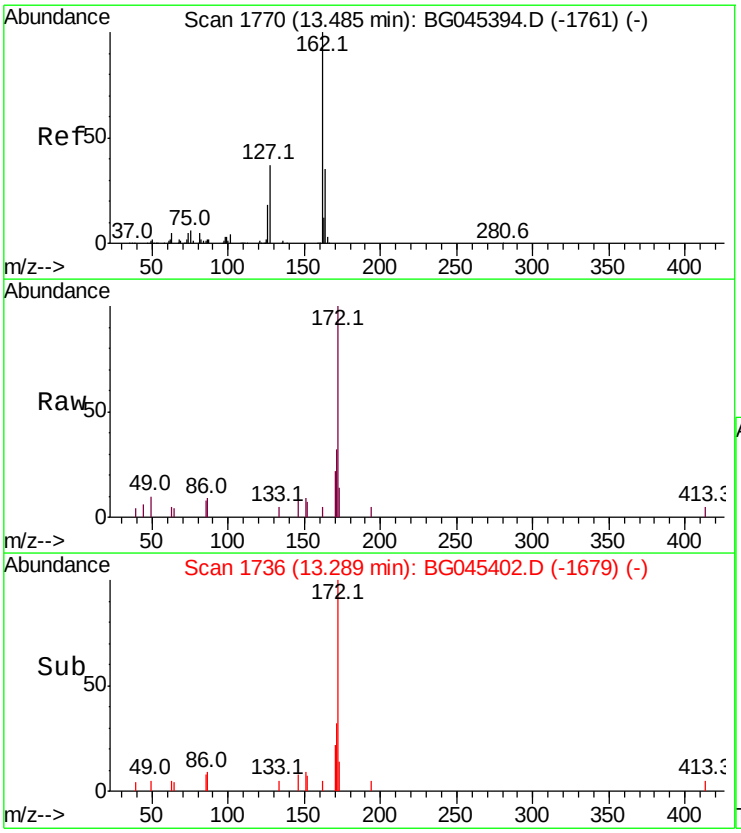
#46
1,1'-Biphenyl
Concen: 0.178 ng
RT: 13.45 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:154 Resp: 2004

Ion	Ratio	Lower	Upper
154	100		
153	52.0	22.2	62.2
76	0.0	0.0	32.4

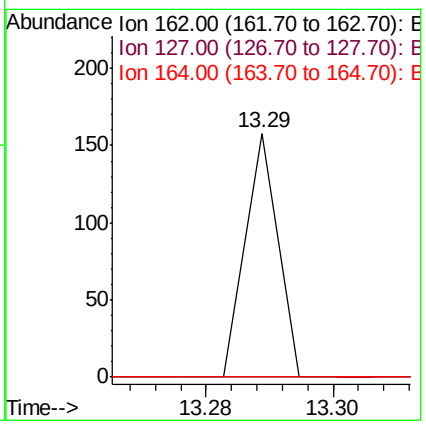


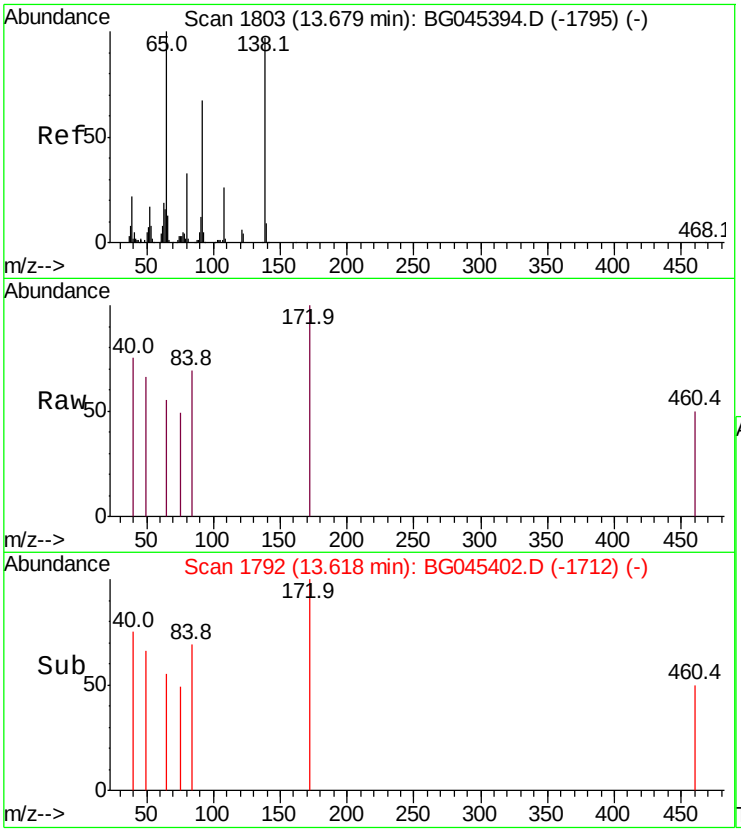


#47
2-Chloronaphthalene
Concen: 0.006 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.20 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:162 Resp: 56

Ion	Ratio	Lower	Upper
162	100		
127	0.0	31.6	47.4#
164	0.0	28.1	42.1#



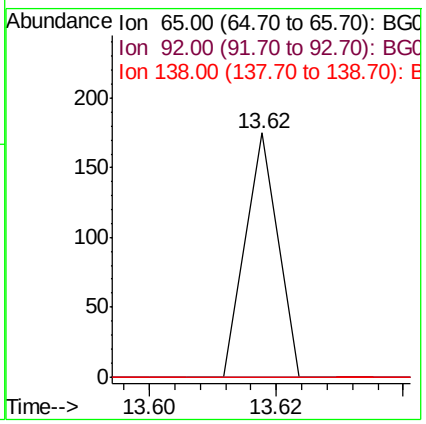


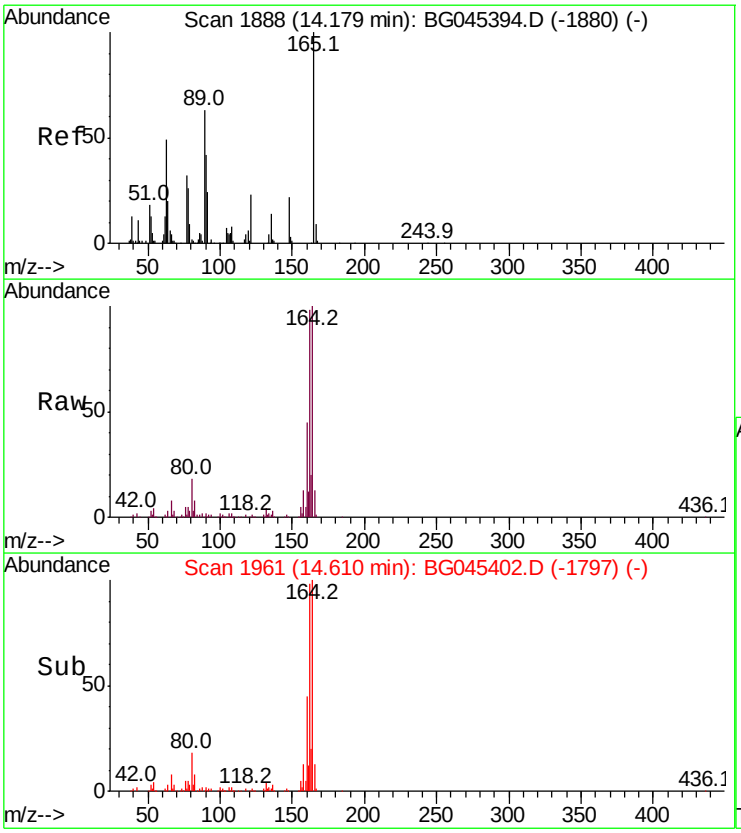
#48
2-Nitroaniline
Concen: 0.021 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.06 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion: 65 Resp: 62

Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.8	80.8#
138	0.0	77.9	116.9#

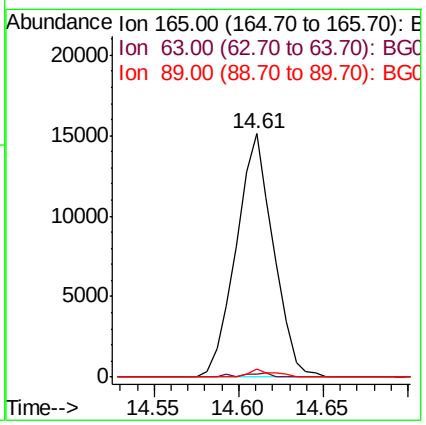


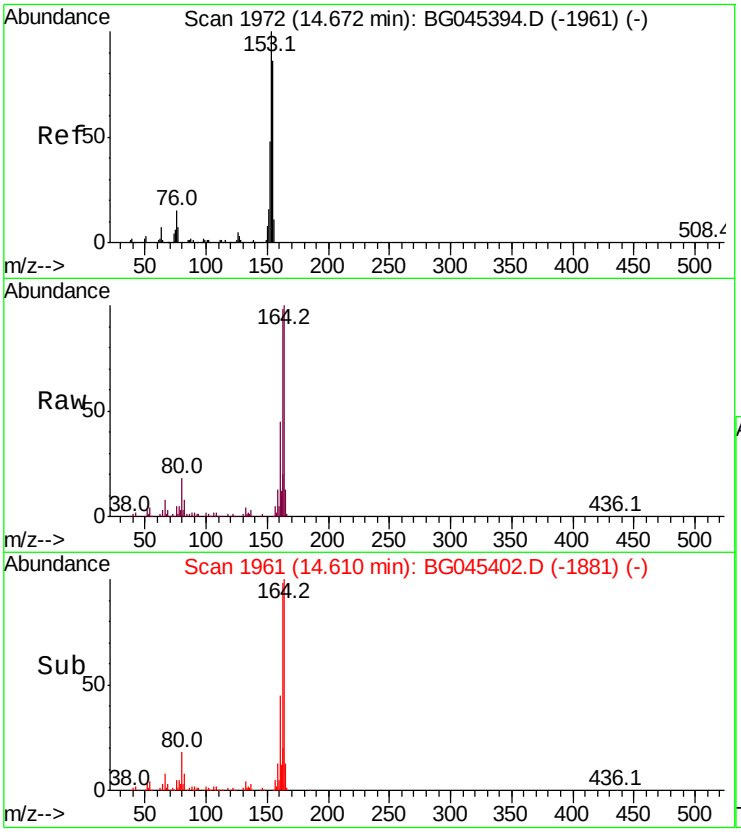


#51
2,6-Dinitrotoluene
Concen: 8.160 ng
RT: 14.61 min Scan# 1961
Delta R.T. 0.43 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:165 Resp: 23201

Ion	Ratio	Lower	Upper
165	100		
63	1.3	45.0	67.4#
89	3.1	50.2	75.4#



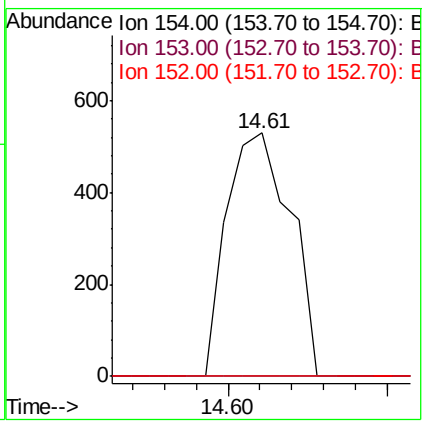


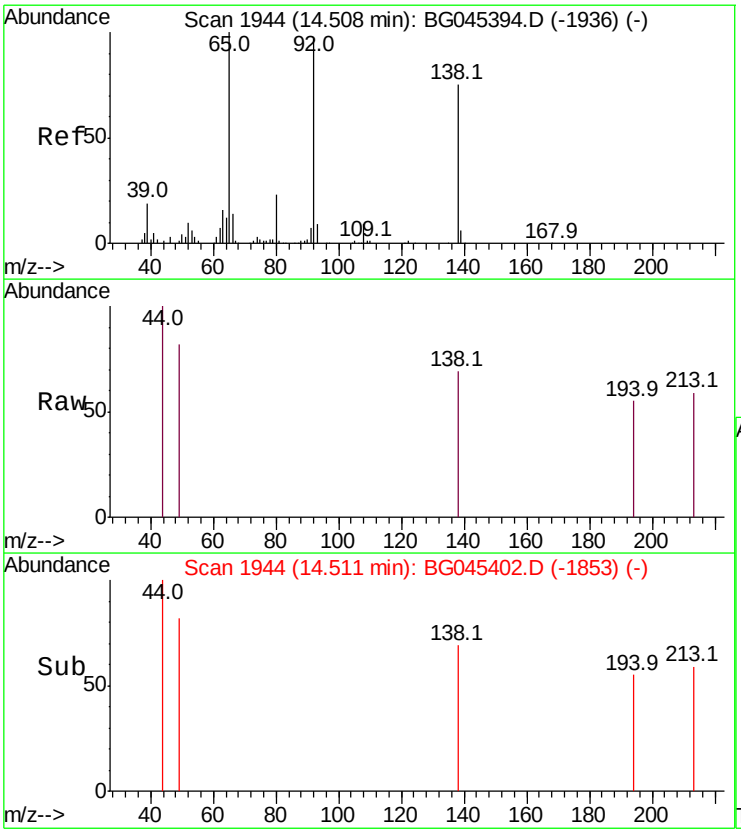
#52
Acenaphthene
Concen: 0.075 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.06 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:154 Resp: 735

Ion	Ratio	Lower	Upper
154	100		
153	0.0	92.8	139.2#
152	0.0	44.6	66.8#

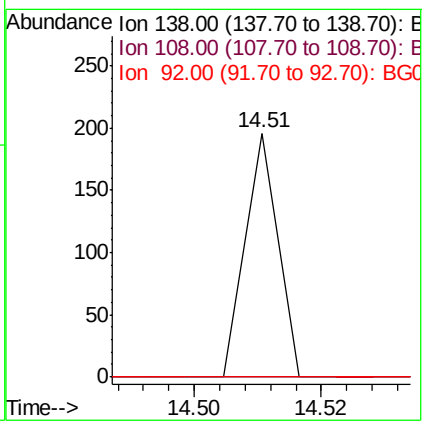


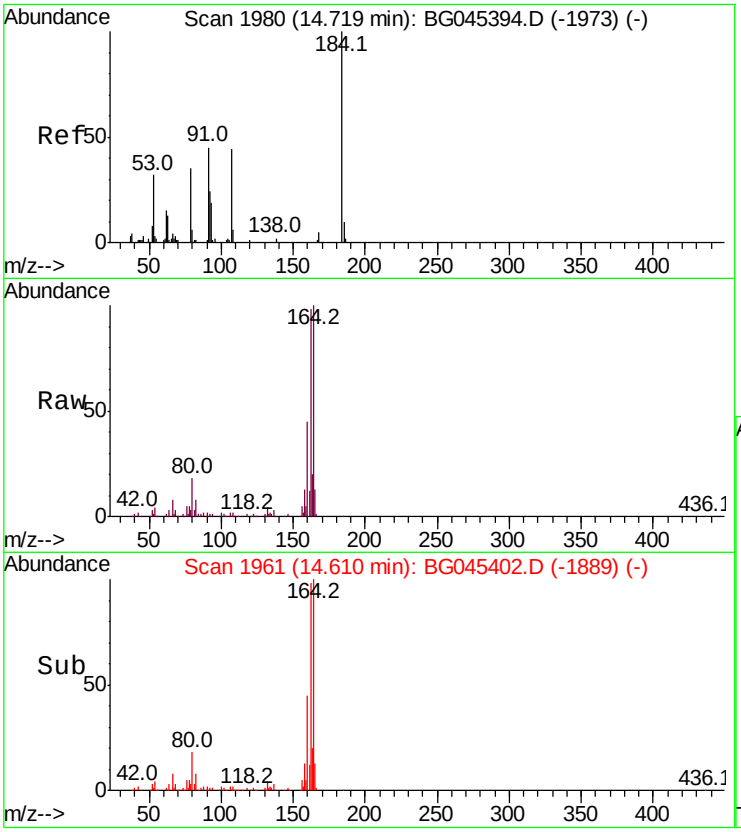


#53
3-Nitroaniline
Concen: 0.024 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:138 Resp: 69

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.8	14.6#
92	0.0	103.0	154.4#



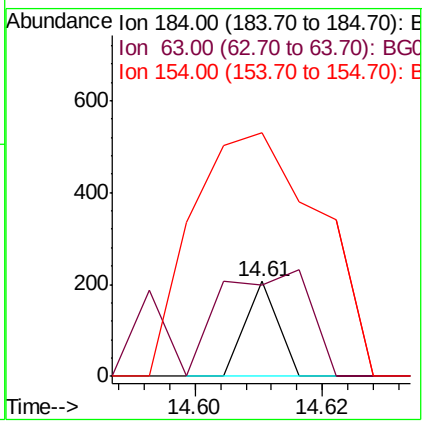


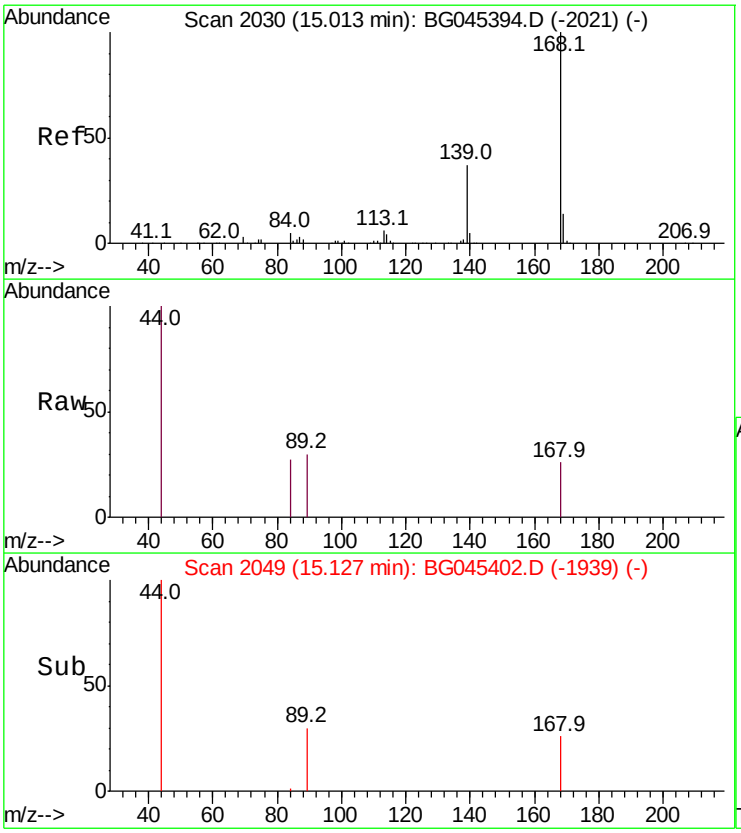
#54
2,4-Dinitrophenol
Concen: 5.495 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.11 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:184 Resp: 73

Ion	Ratio	Lower	Upper
184	100		
63	97.1	47.8	71.6#
154	257.3	58.3	87.5#

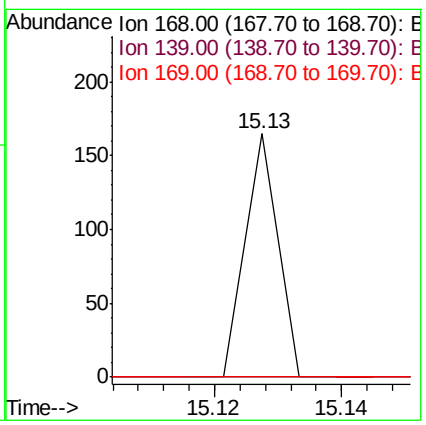


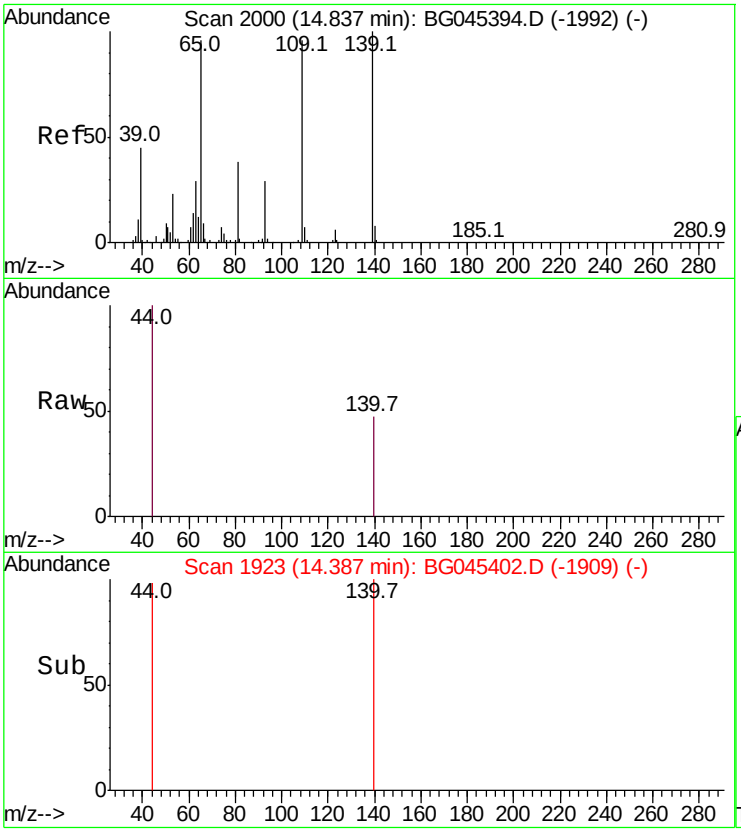


#55
Dibenzofuran
Concen: 0.004 ng
RT: 15.13 min Scan# 2049
Delta R.T. 0.11 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:168 Resp: 58

Ion	Ratio	Lower	Upper
168	100		
139	0.0	29.9	44.9#
169	0.0	10.9	16.3#



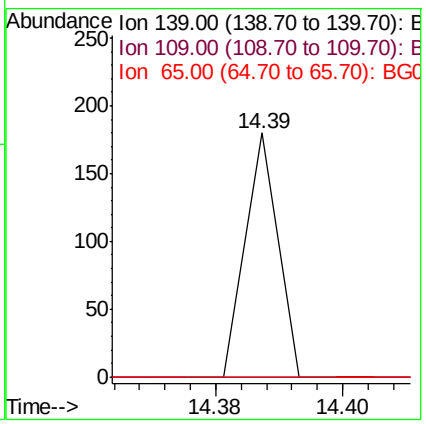


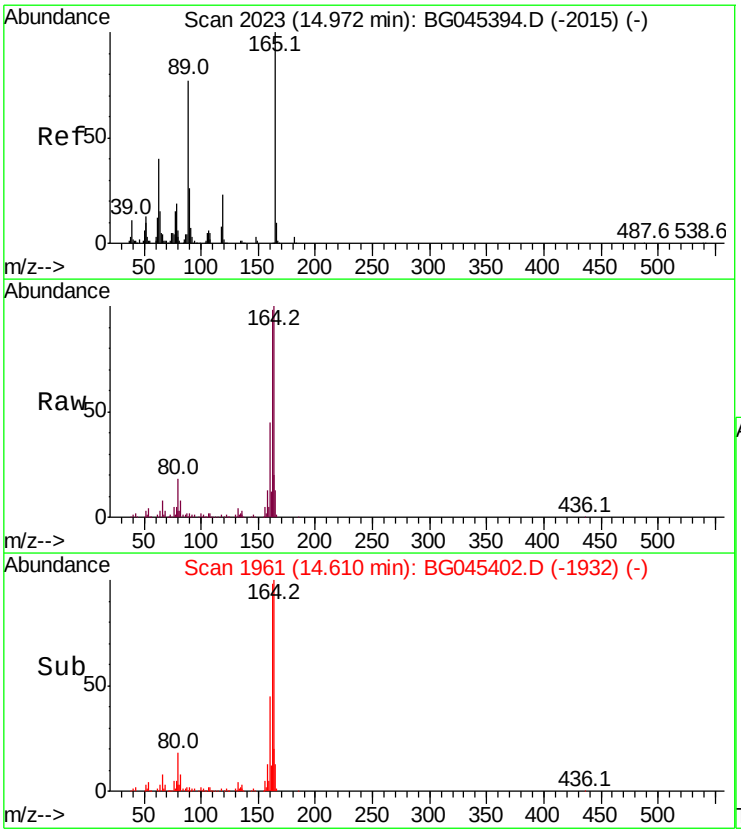
#56
4-Nitrophenol
Concen: 0.029 ng
RT: 14.39 min Scan# 1923
Delta R.T. -0.45 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:139 Resp: 63

Ion	Ratio	Lower	Upper
139	100		
109	0.0	75.6	115.6#
65	0.0	76.8	116.8#

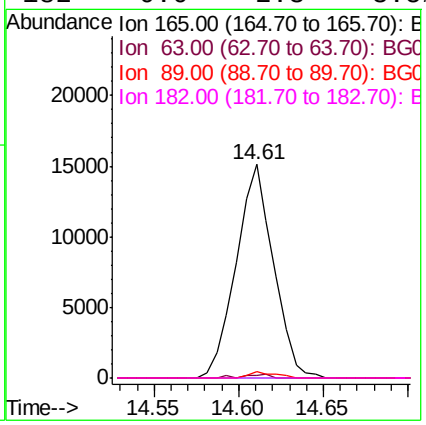


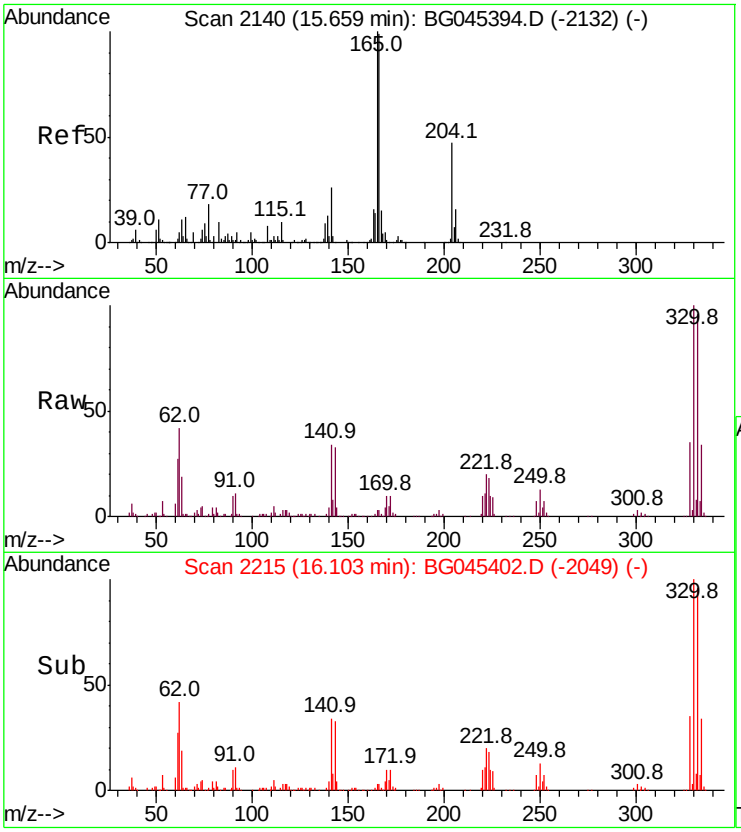


#57
2,4-Dinitrotoluene
Concen: 5.634 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.36 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:165 Resp: 23201

Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.5	48.7#
89	3.1	61.8	92.6#
182	0.0	2.3	3.5#



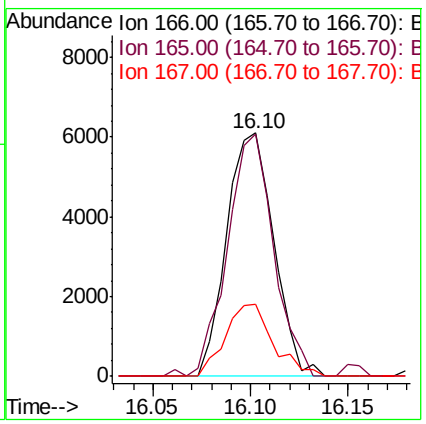


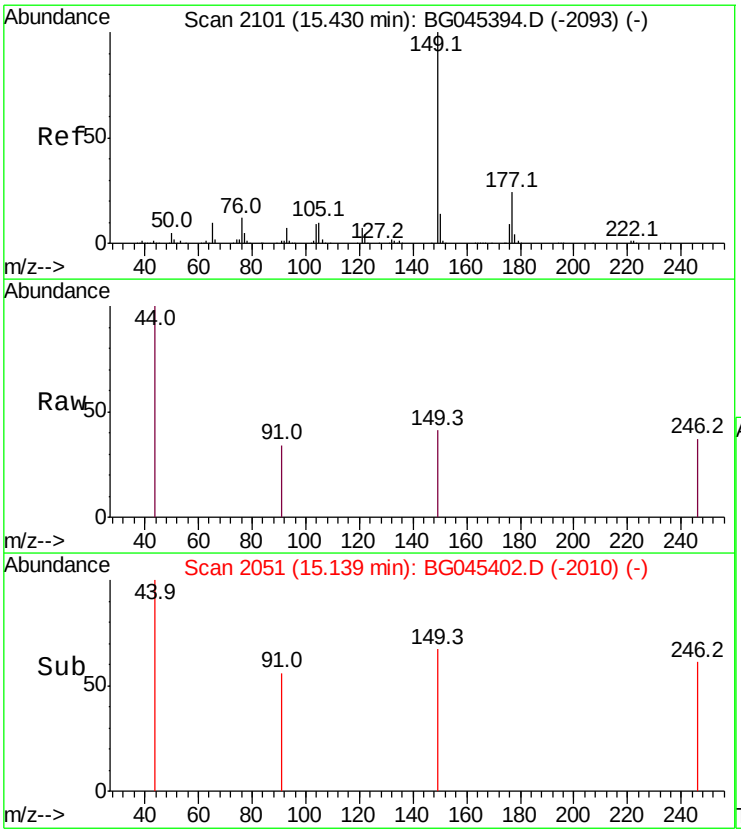
#58
Fluorene
Concen: 0.847 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.44 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:166 Resp: 10186

Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.8	121.2
167	29.7	12.0	18.0#

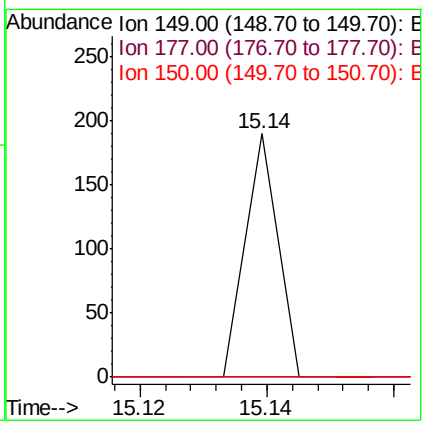


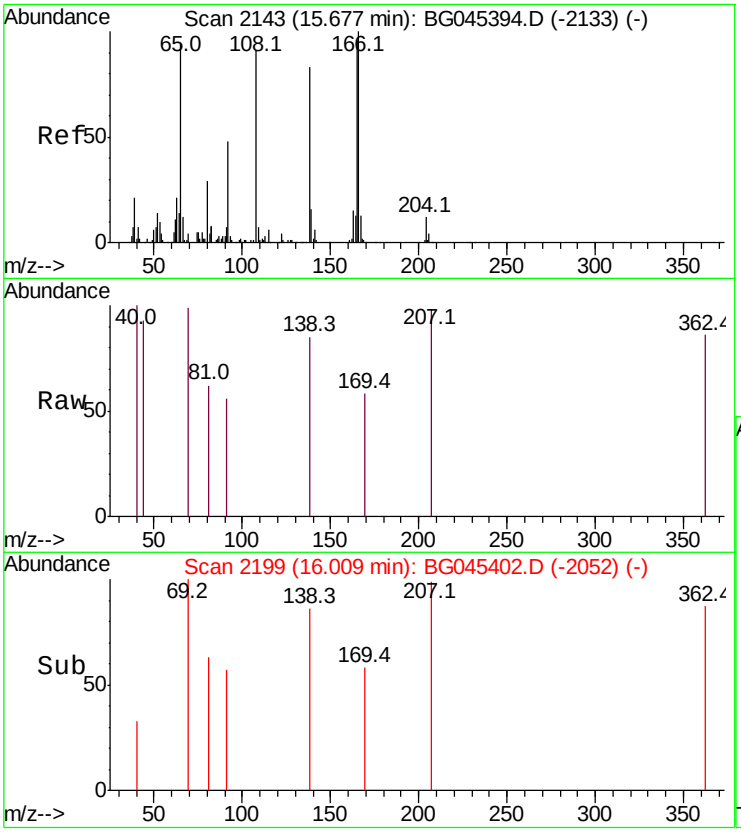


#60
Diethylphthalate
Concen: 0.005 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.29 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:149 Resp: 67

Ion	Ratio	Lower	Upper
149	100		
177	0.0	19.0	28.4#
150	0.0	11.4	17.0#



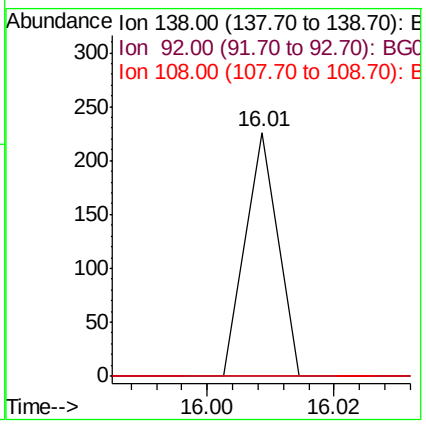


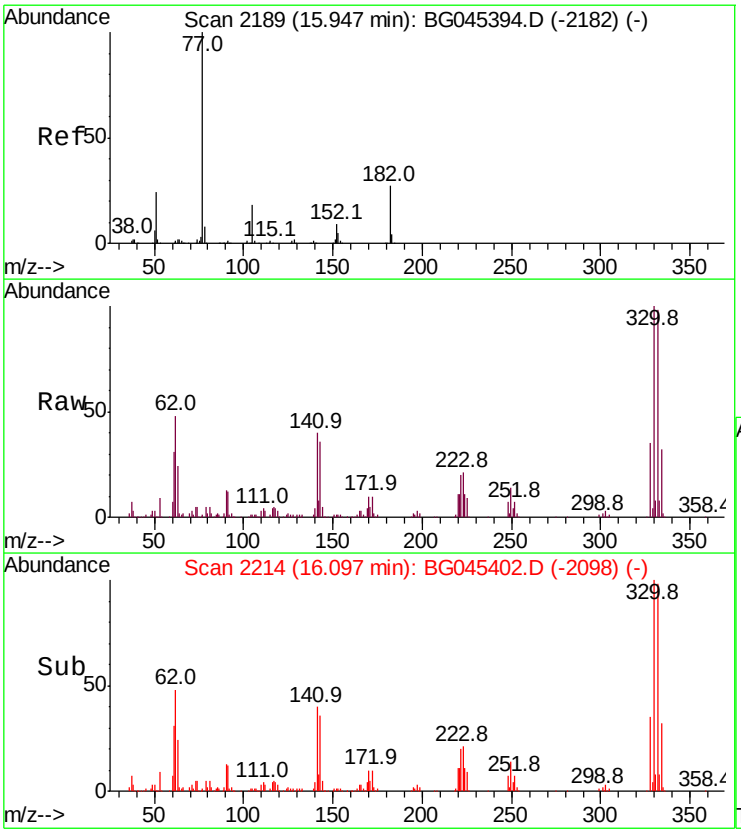
#62
4-Nitroaniline
Concen: 0.027 ng
RT: 16.01 min Scan# 2199
Delta R.T. 0.33 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:138 Resp: 80

Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.0	78.0#
108	0.0	89.3	129.3#

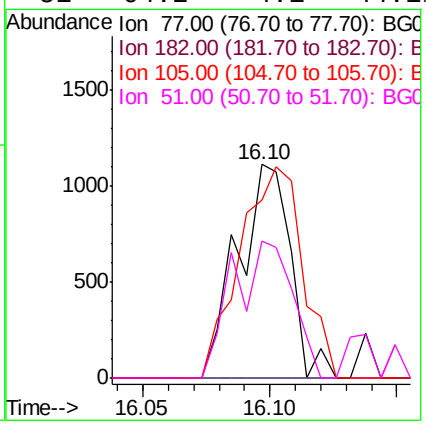


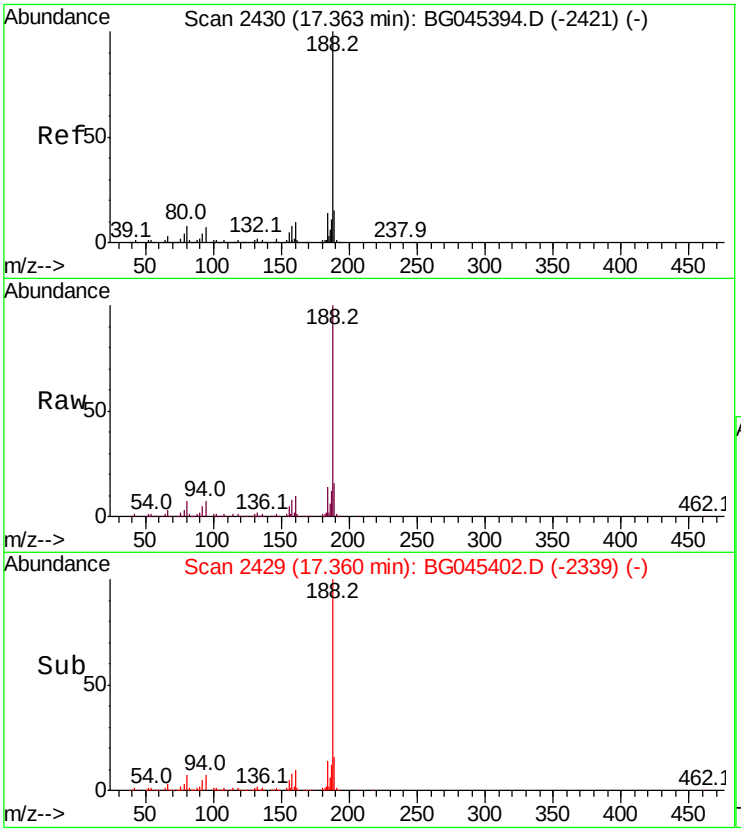


#63
Azobenzene
Concen: 0.131 ng
RT: 16.10 min Scan# 2214
Delta R.T. 0.15 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion: 77 Resp: 1598

Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.5	46.5#
105	83.5	0.0	37.9#
51	64.2	4.1	44.1#



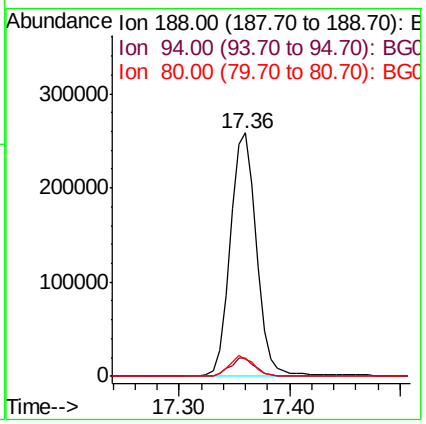


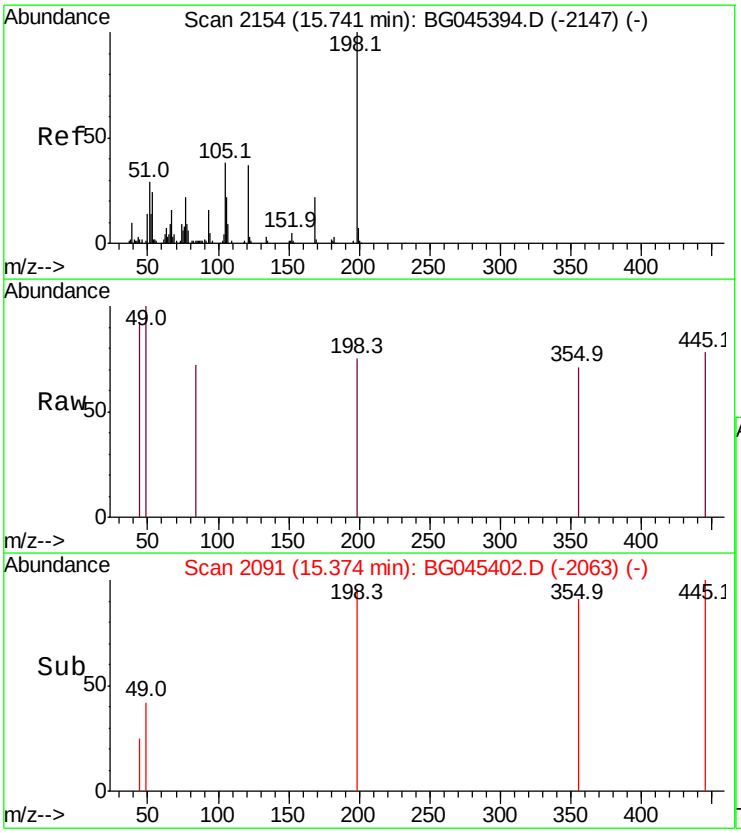
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:188 Resp: 431230

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.5	8.3
80	7.0	6.6	10.0

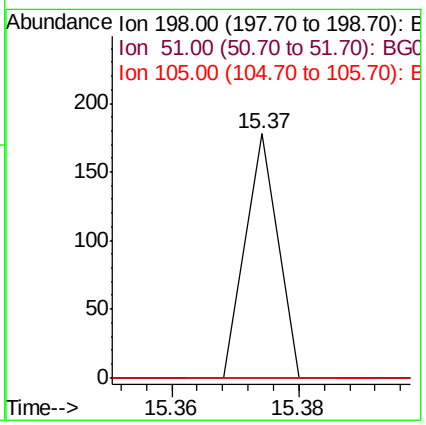


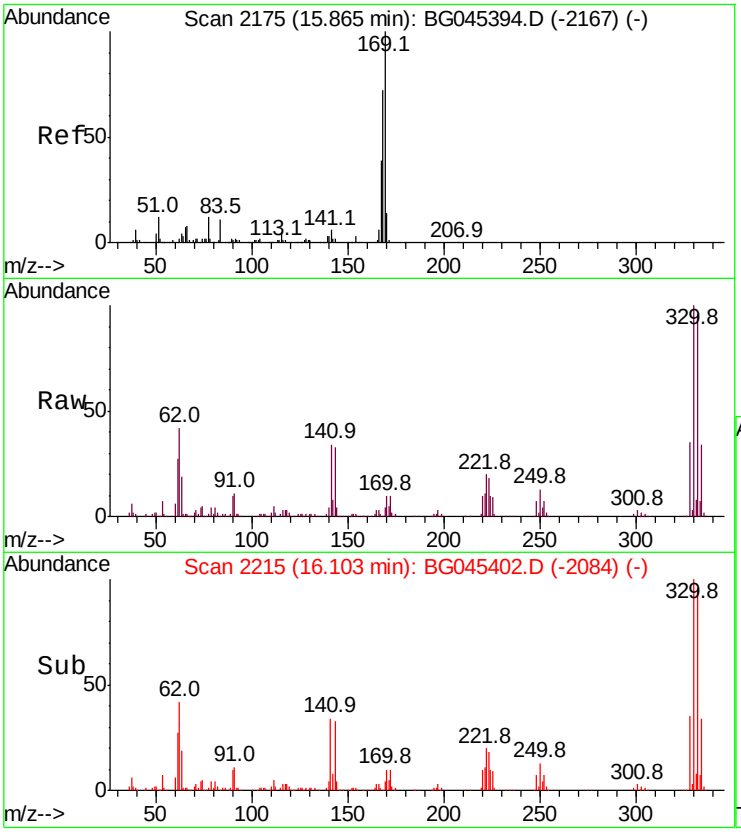


#65
4,6-Dinitro-2-methylphenol
Concen: 0.025 ng
RT: 15.37 min Scan# 2091
Delta R.T. -0.37 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:198 Resp: 63

Ion	Ratio	Lower	Upper
198	100		
51	0.0	10.0	50.0#
105	0.0	18.9	58.9#



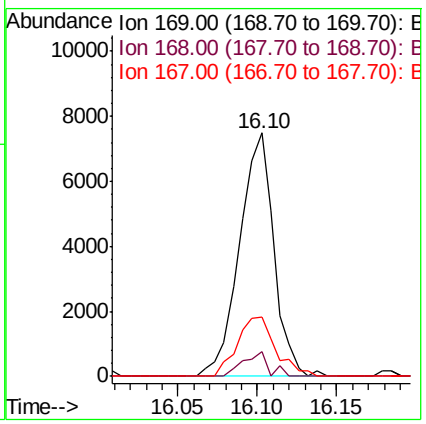


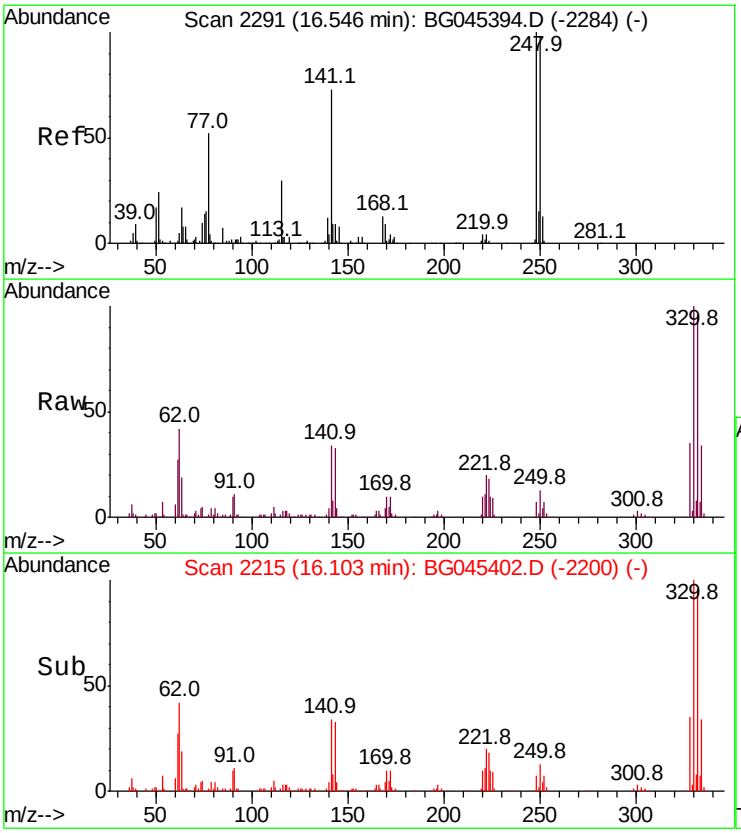
#66
n-Nitrosodiphenylamine
Concen: 1.082 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.24 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:169 Resp: 11208

Ion	Ratio	Lower	Upper
169	100		
168	10.3	57.8	86.6#
167	24.2	31.5	47.3#

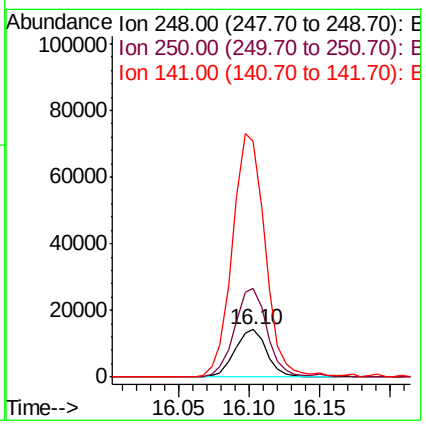


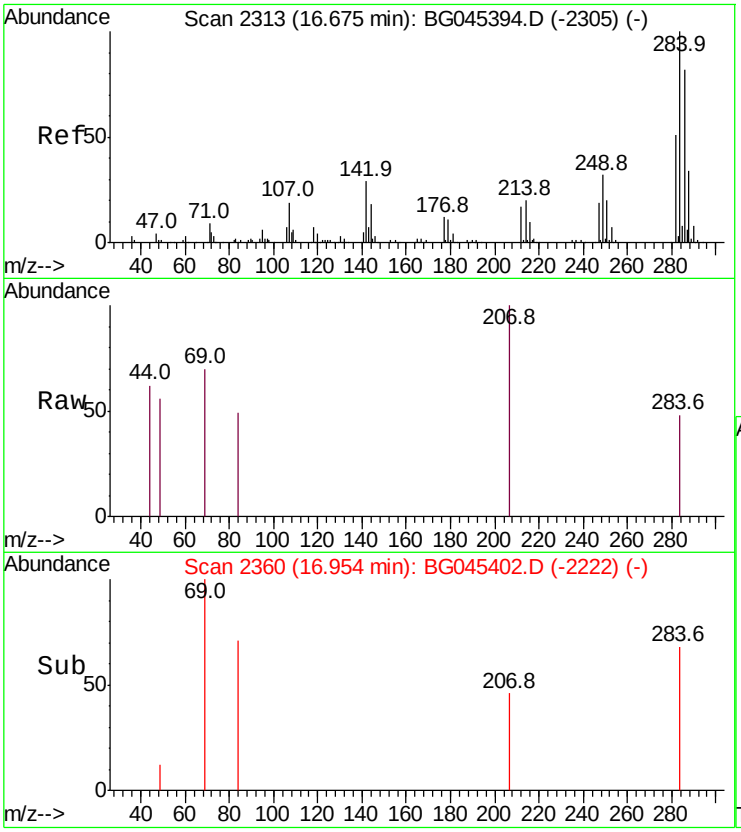


#67
4-Bromophenyl-phenylether
Concen: 4.860 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.44 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:248 Resp: 22693

Ion	Ratio	Lower	Upper
248	100		
250	187.1	78.6	117.8#
141	499.6	58.2	87.2#



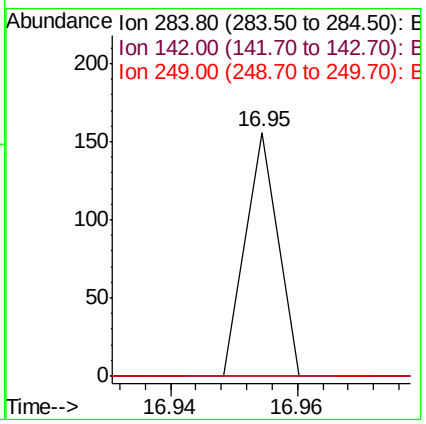


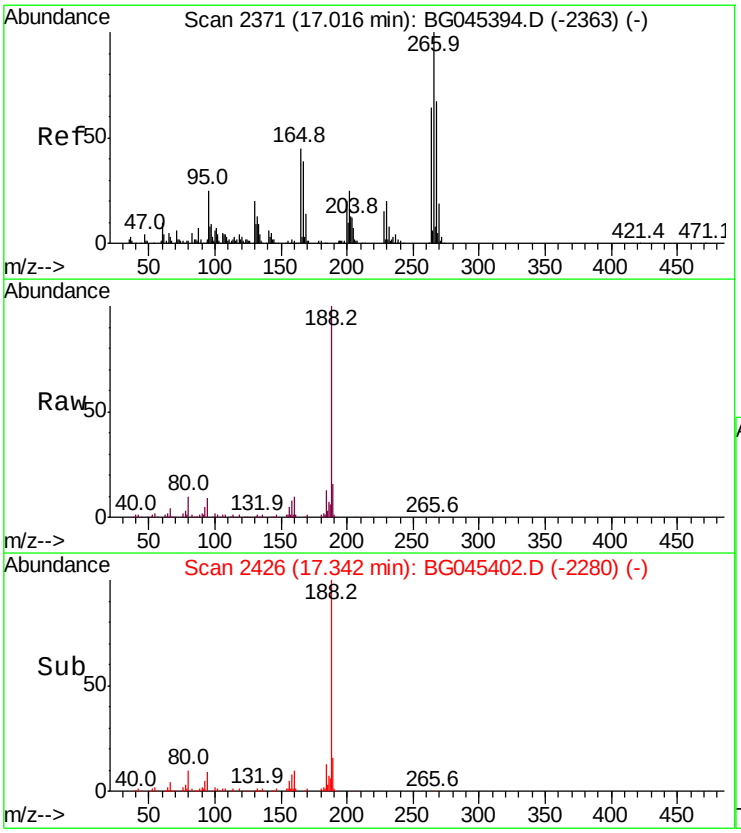
#68
Hexachlorobenzene
Concen: 0.011 ng
RT: 16.95 min Scan# 2360
Delta R.T. 0.28 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:284 Resp: 55

Ion	Ratio	Lower	Upper
284	100		
142	0.0	23.0	34.6#
249	0.0	25.8	38.6#

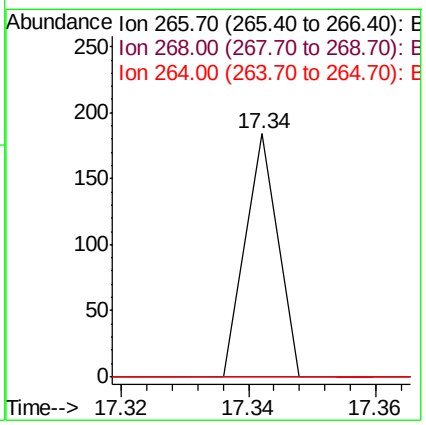


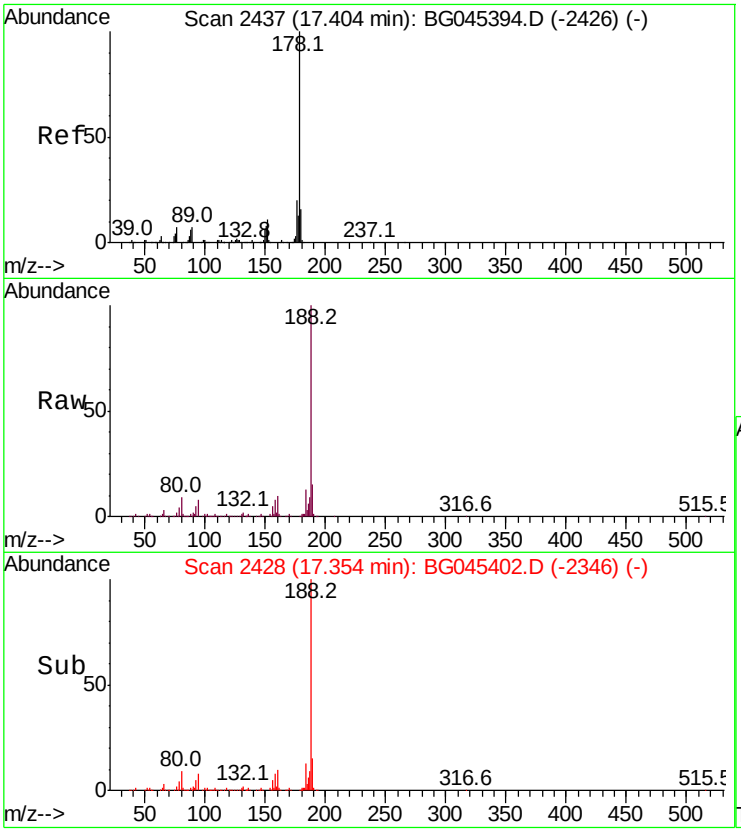


#70
Pentachlorophenol
Concen: 0.026 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.33 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:266 Resp: 65

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.2	79.8#
264	0.0	51.0	76.4#



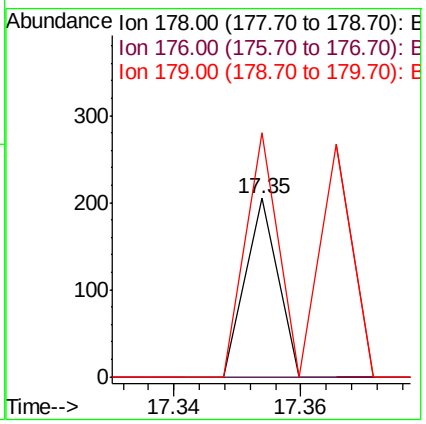


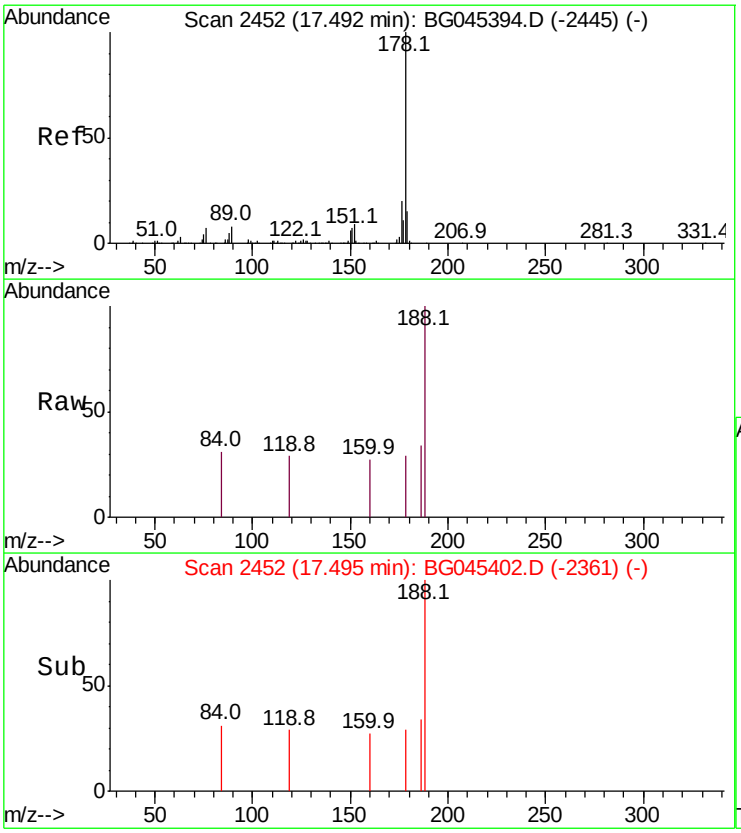
#71
Phenanthrene
Concen: 0.004 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.05 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:178 Resp: 72

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.2	24.4#
179	136.6	13.1	19.7#

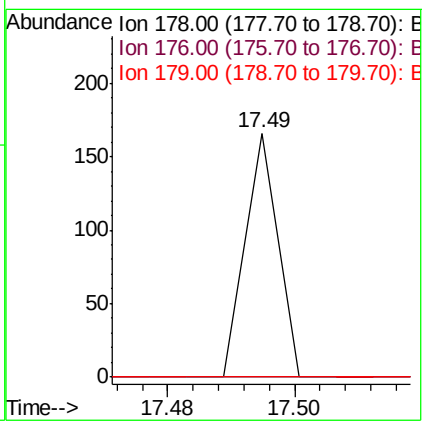


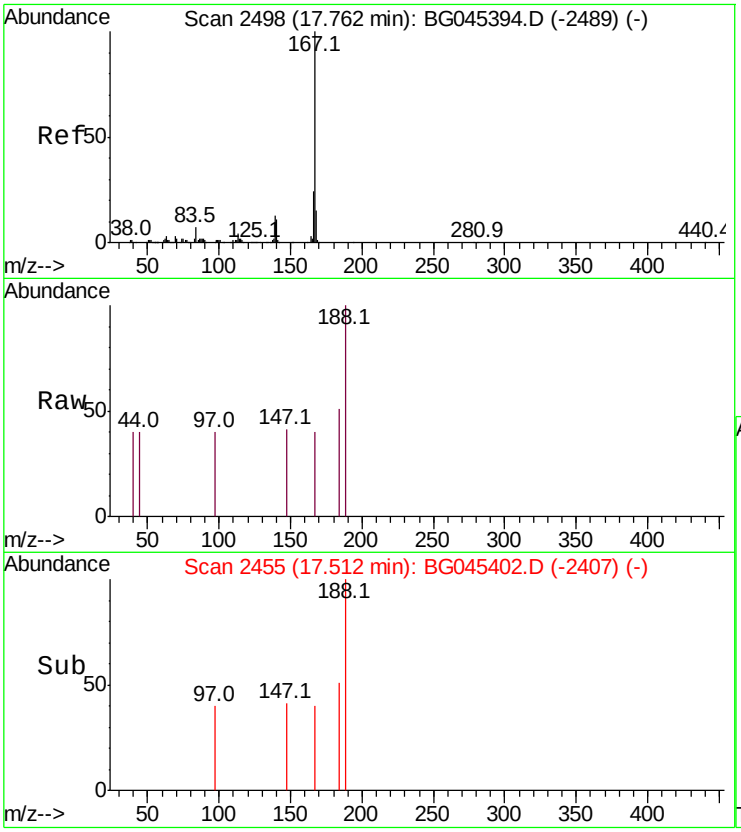


#72
Anthracene
Concen: 0.003 ng
RT: 17.49 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:178 Resp: 59

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.6#
179	0.0	12.2	18.4#



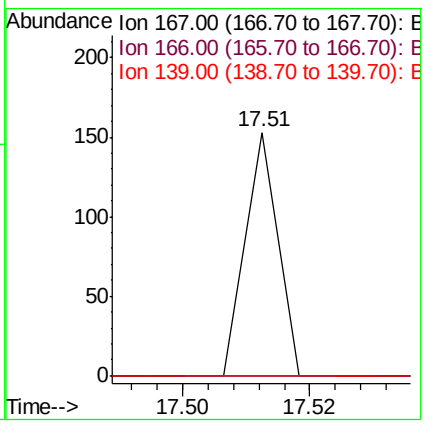


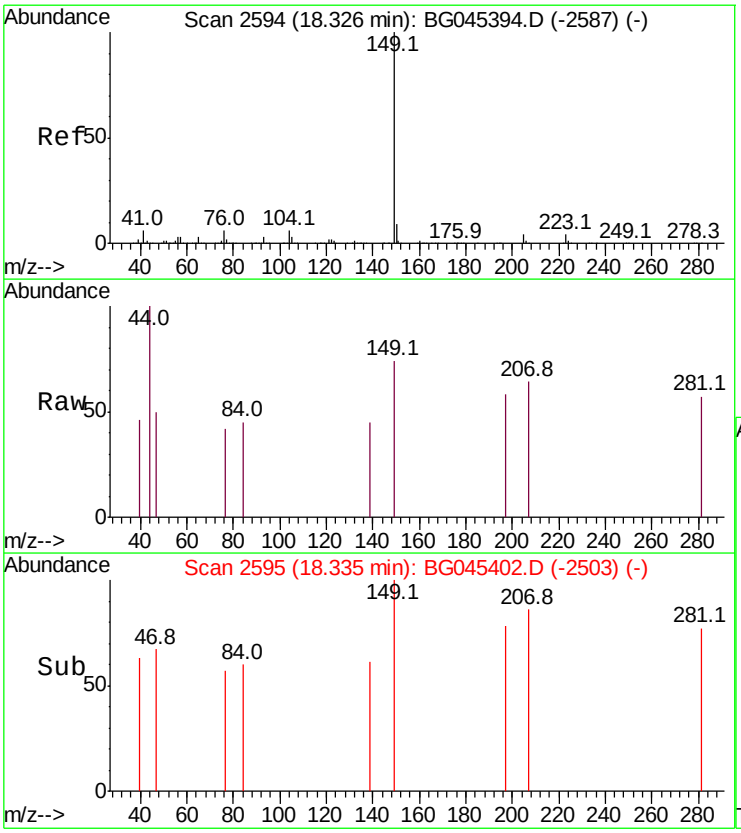
#73
Carbazole
Concen: 0.003 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.25 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:167 Resp: 54

Ion	Ratio	Lower	Upper
167	100		
166	0.0	19.2	28.8#
139	0.0	10.6	16.0#

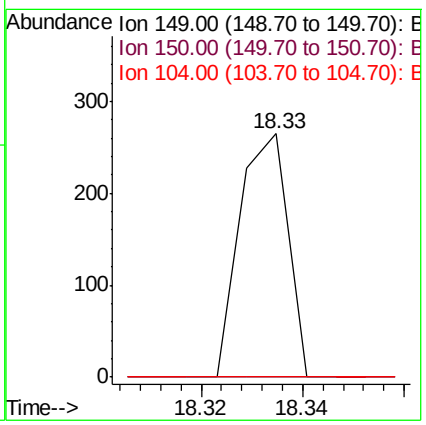


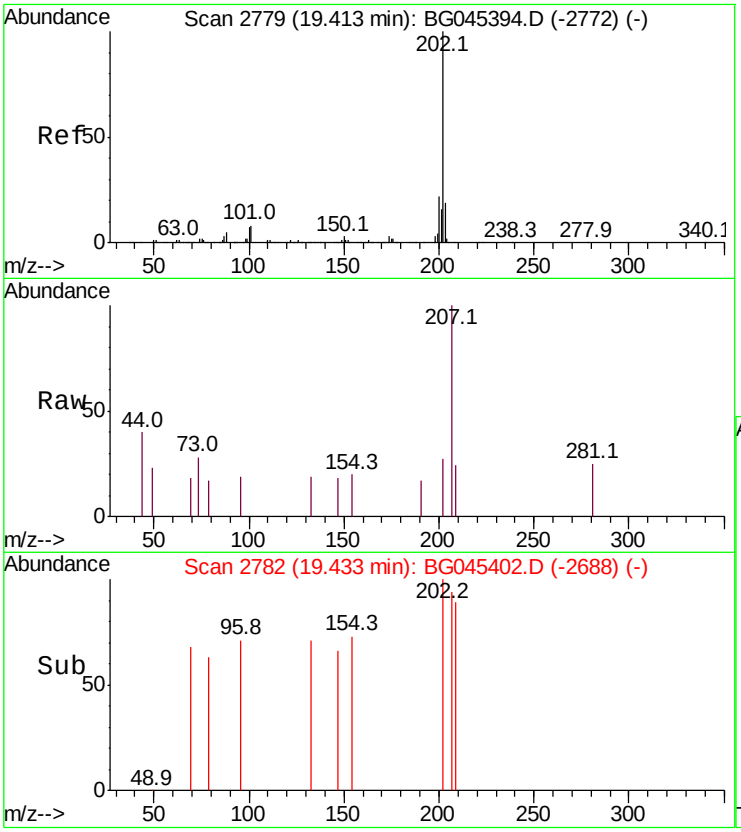


#74
Di-n-butylphthalate
Concen: 0.008 ng
RT: 18.33 min Scan# 2595
Delta R.T. 0.01 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:149 Resp: 174

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.6	11.4#
104	0.0	5.0	7.4#



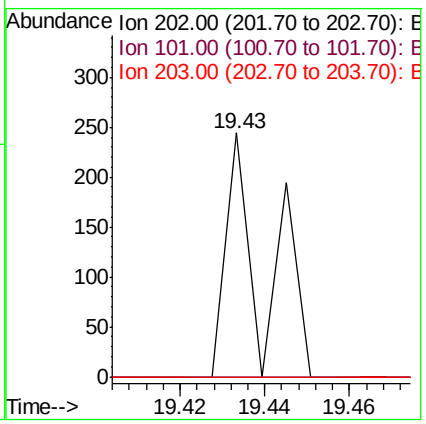


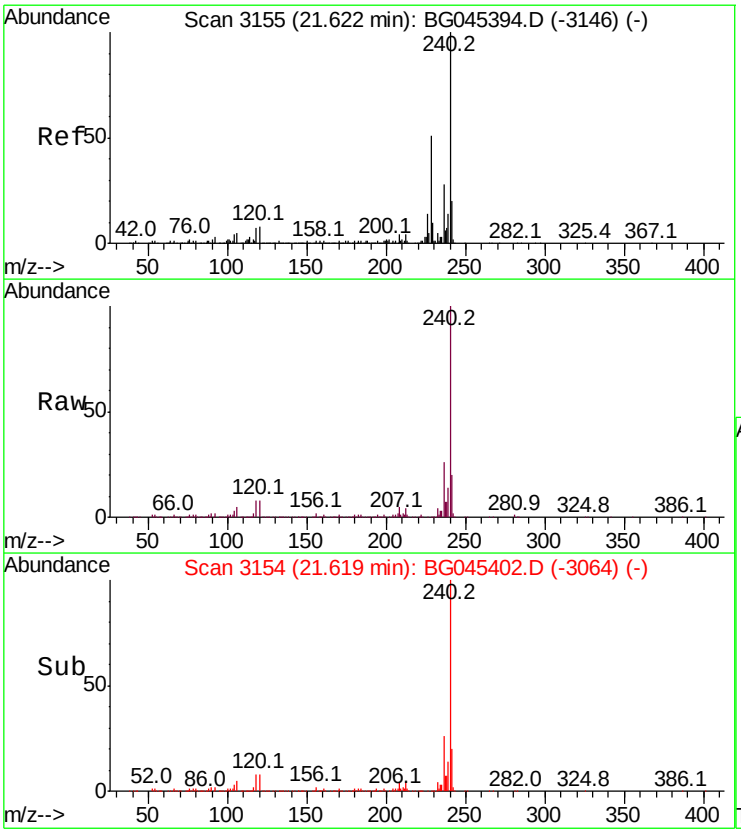
#75
Fluoranthene
Concen: 0.006 ng
RT: 19.43 min Scan# 2782
Delta R.T. 0.02 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:202 Resp: 154

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.3
203	0.0	0.0	39.0

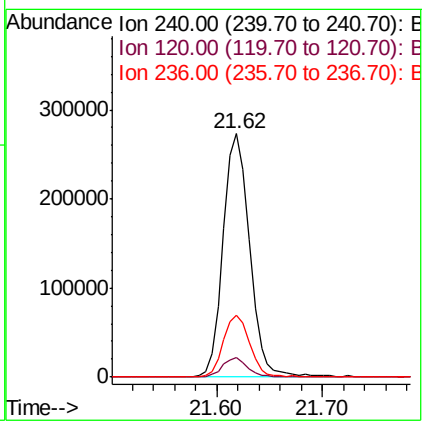


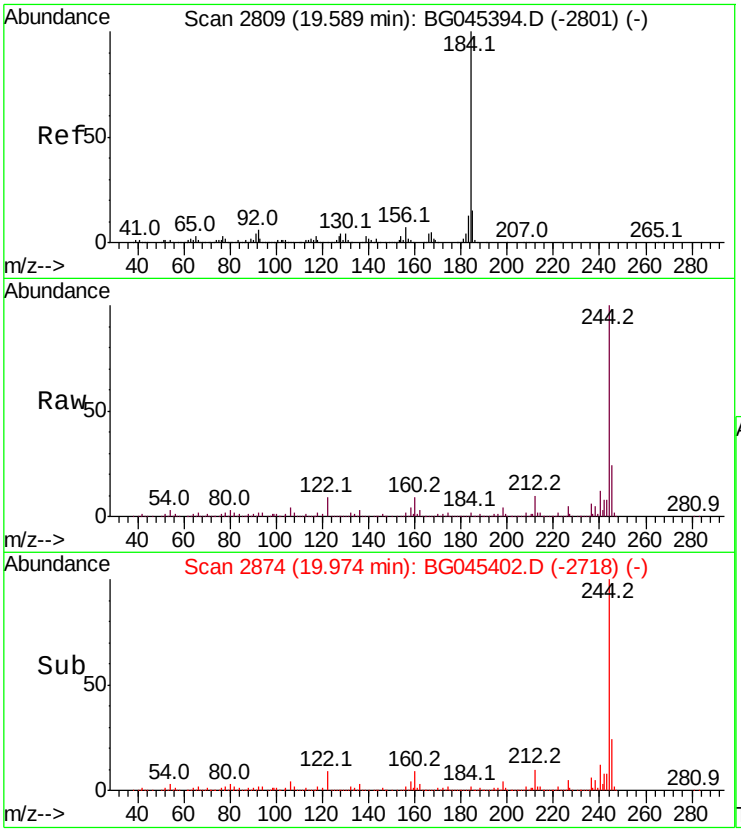


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:240 Resp: 474926

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.1	9.1
236	25.6	22.3	33.5



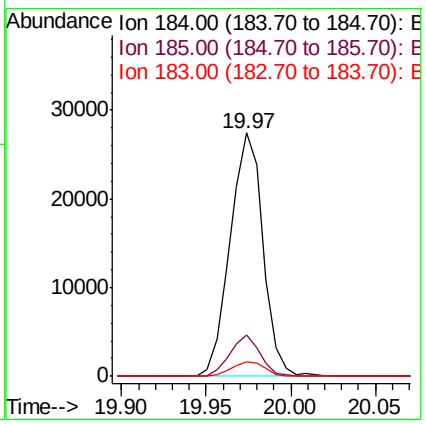


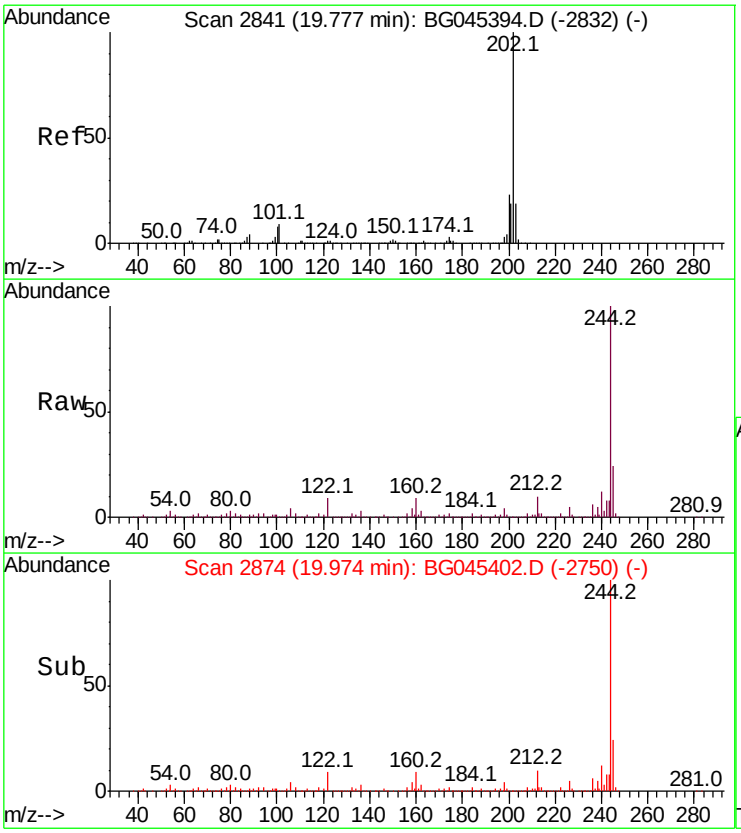
#77
Benzidine
Concen: 2.777 ng
RT: 19.97 min Scan# 2874
Delta R.T. 0.38 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:184 Resp: 37037

Ion	Ratio	Lower	Upper
184	100		
185	17.1	11.7	17.5
183	6.2	10.2	15.4#

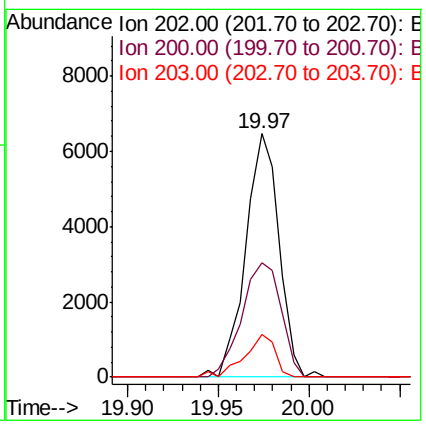


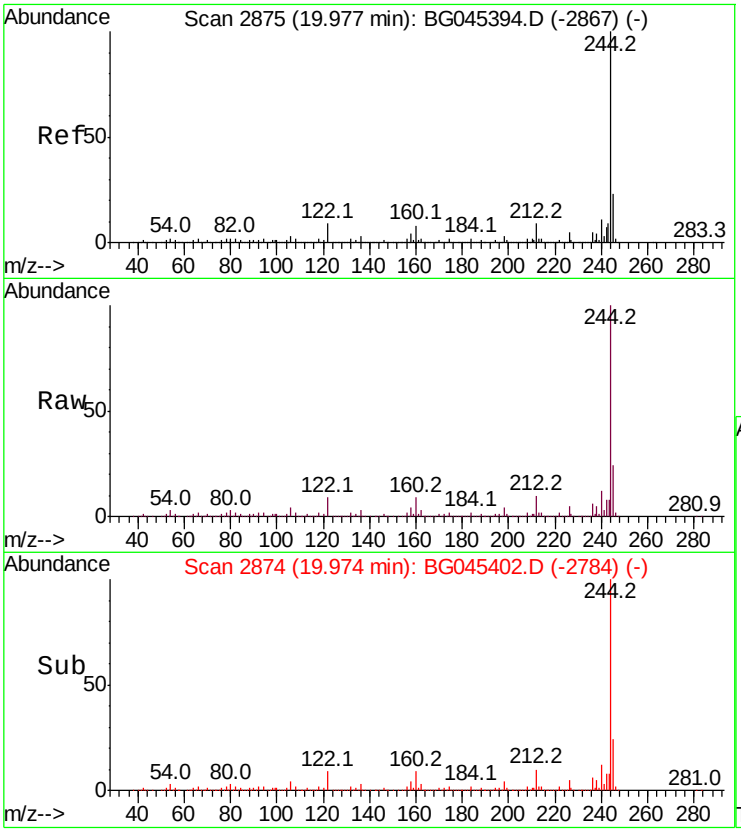


#78
Pyrene
Concen: 0.304 ng
RT: 19.97 min Scan# 2874
Delta R.T. 0.20 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:202 Resp: 8237

Ion	Ratio	Lower	Upper
202	100		
200	46.9	18.2	27.2#
203	17.7	15.1	22.7



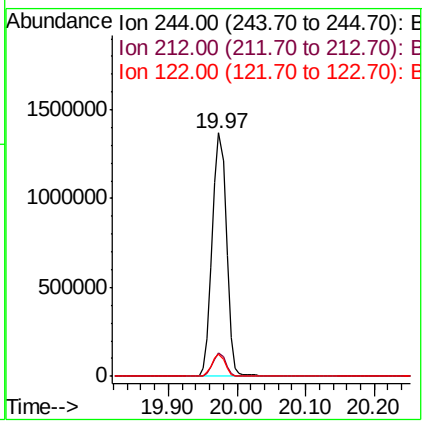


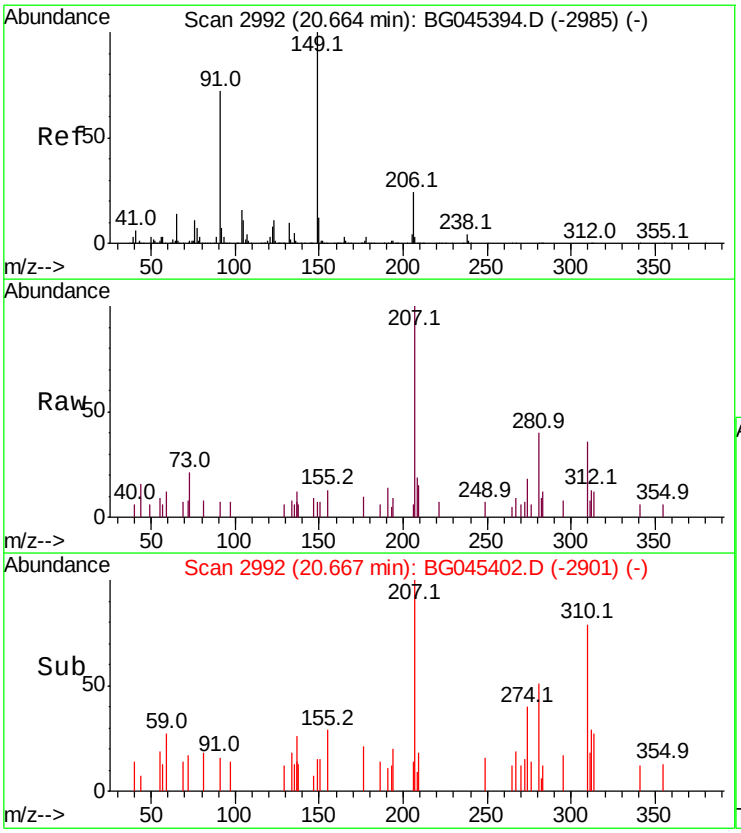
#79
Terphenyl-d14
Concen: 96.977 ng
RT: 19.97 min Scan# 2874
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:244 Resp: 1974747

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.4	11.0
122	9.1	6.8	10.2

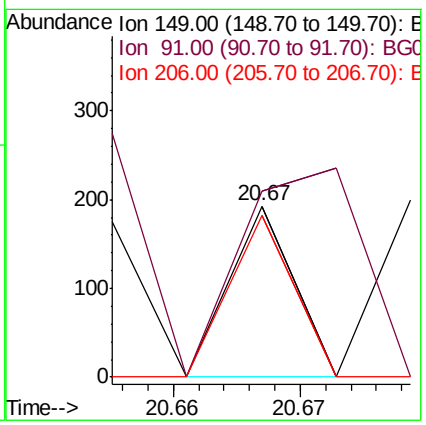


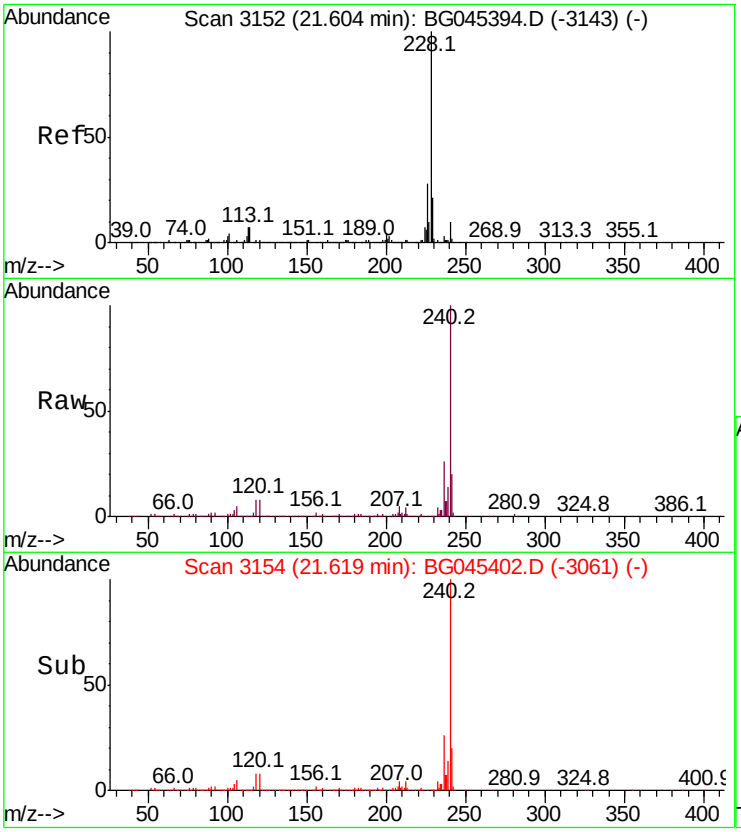


#80
Butylbenzylphthalate
Concen: 0.006 ng
RT: 20.67 min Scan# 2992
Delta R.T. 0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:149 Resp: 68

Ion	Ratio	Lower	Upper
149	100		
91	108.3	57.8	86.6#
206	94.3	19.1	28.7#



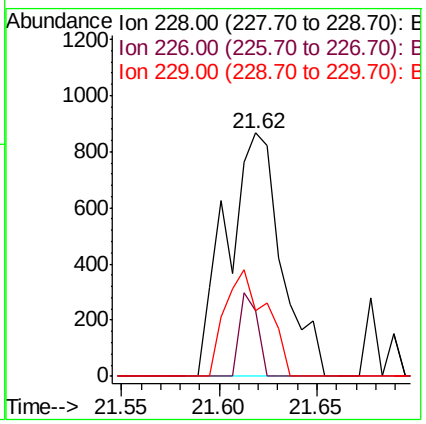


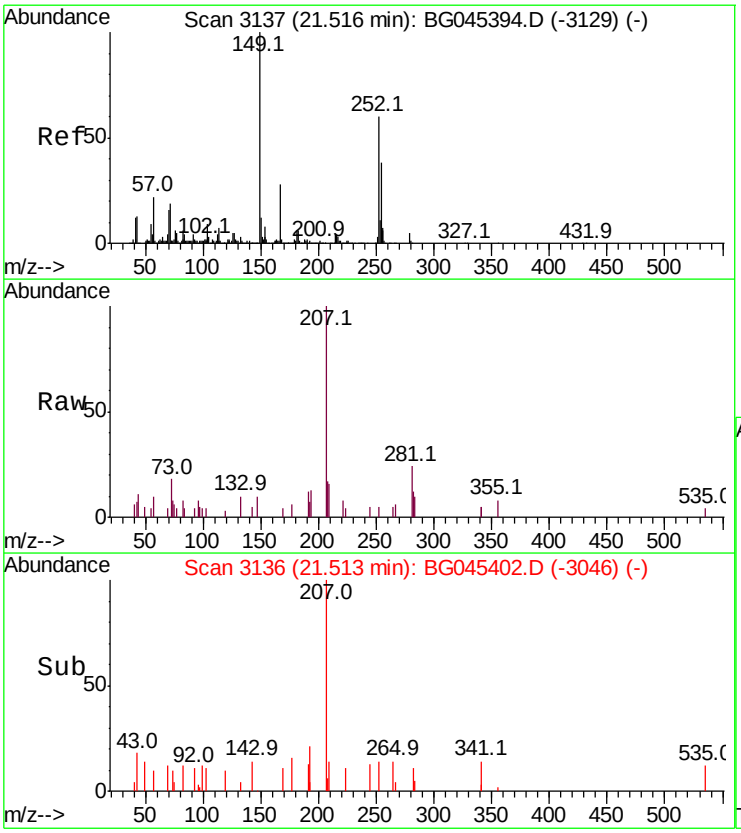
#81
Benzo(a)anthracene
Concen: 0.064 ng
RT: 21.62 min Scan# 3154
Delta R.T. 0.01 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:228 Resp: 1694

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.7	34.1
229	27.0	16.7	25.1#

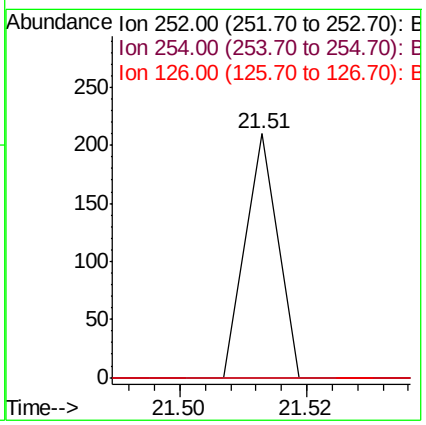


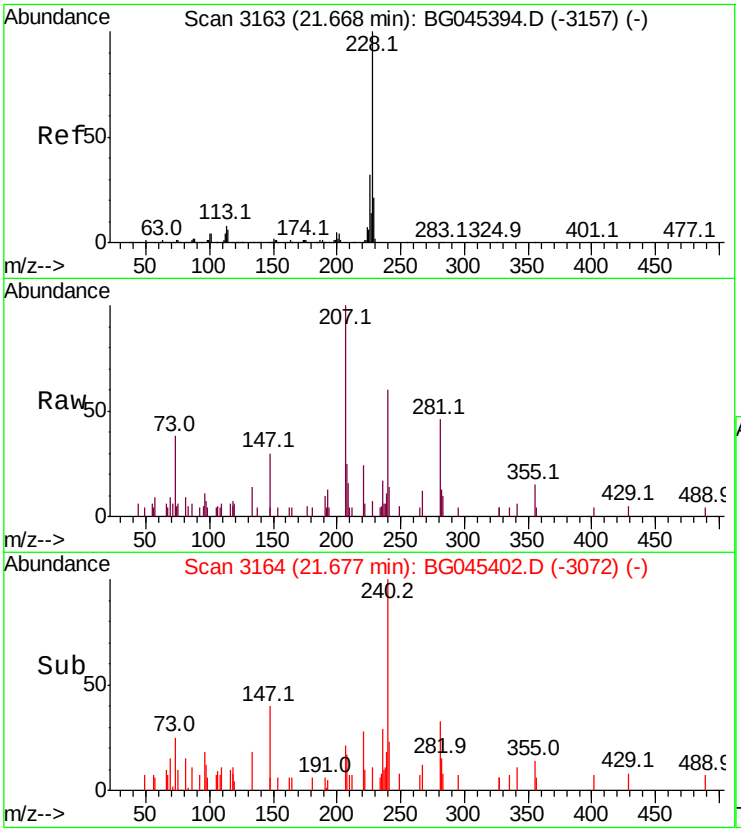


#82
3,3'-Dichlorobenzidine
Concen: 0.007 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:252 Resp: 74

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.3	76.9#
126	0.0	6.6	10.0#



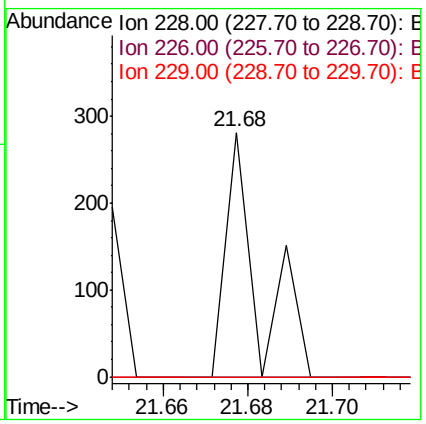


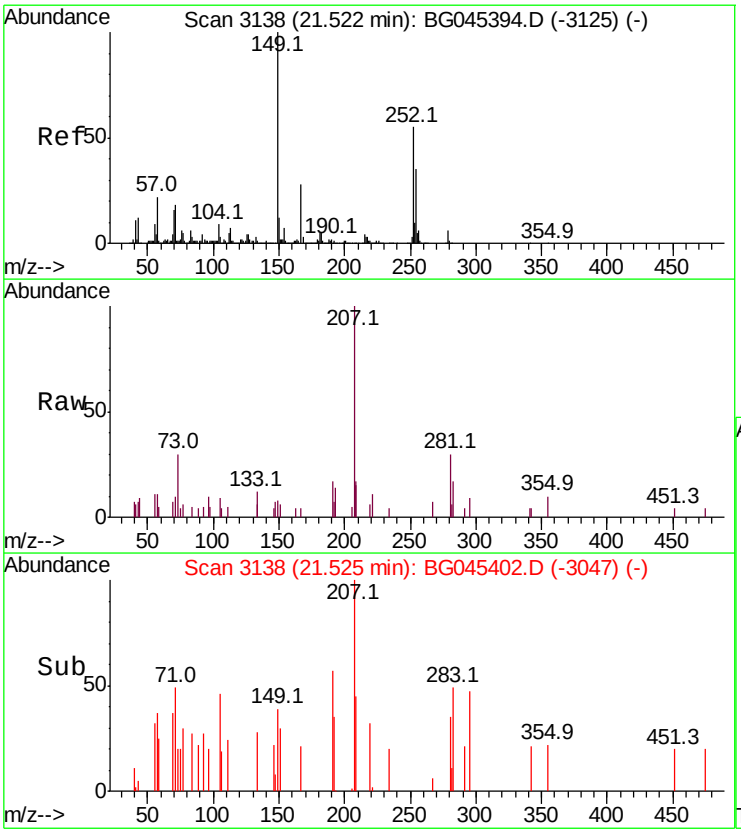
#83
Chrysene
Concen: 0.006 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.01 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:228 Resp: 153

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.2	37.8#
229	0.0	16.7	25.1#

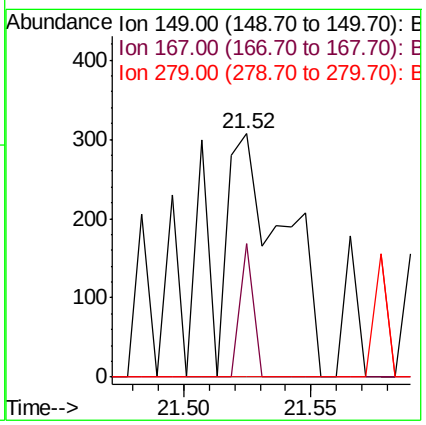


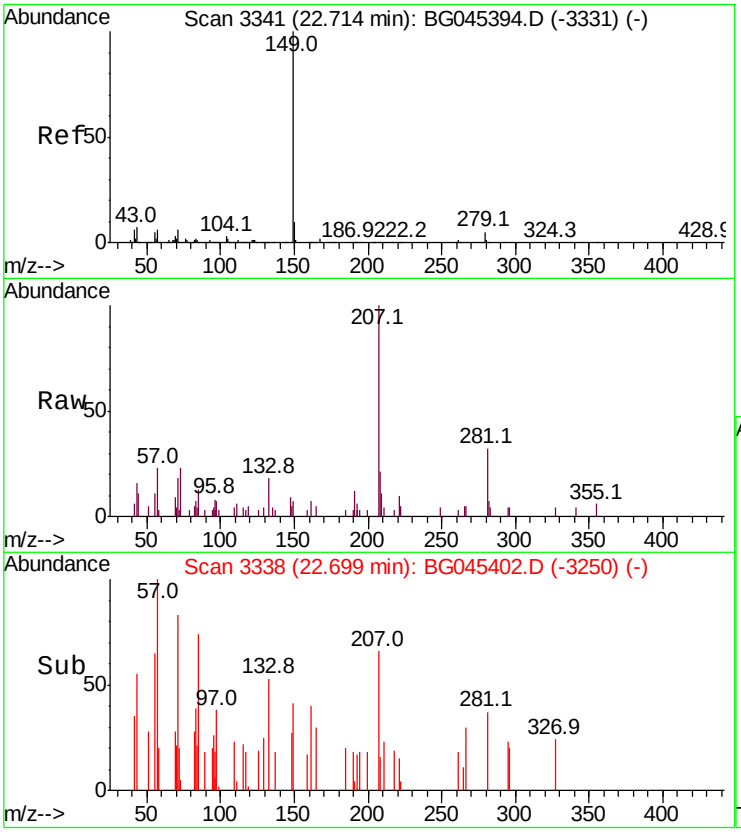


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.036 ng
RT: 21.52 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:149 Resp: 578

Ion	Ratio	Lower	Upper
149	100		
167	54.7	22.2	33.2#
279	0.0	4.7	7.1#



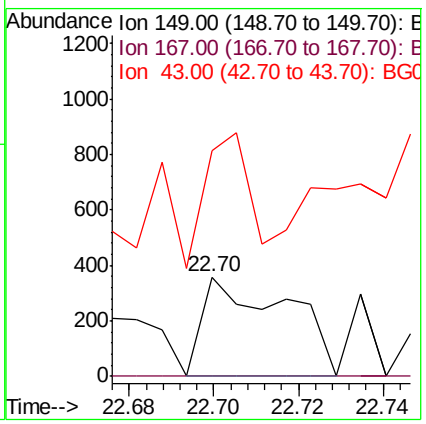


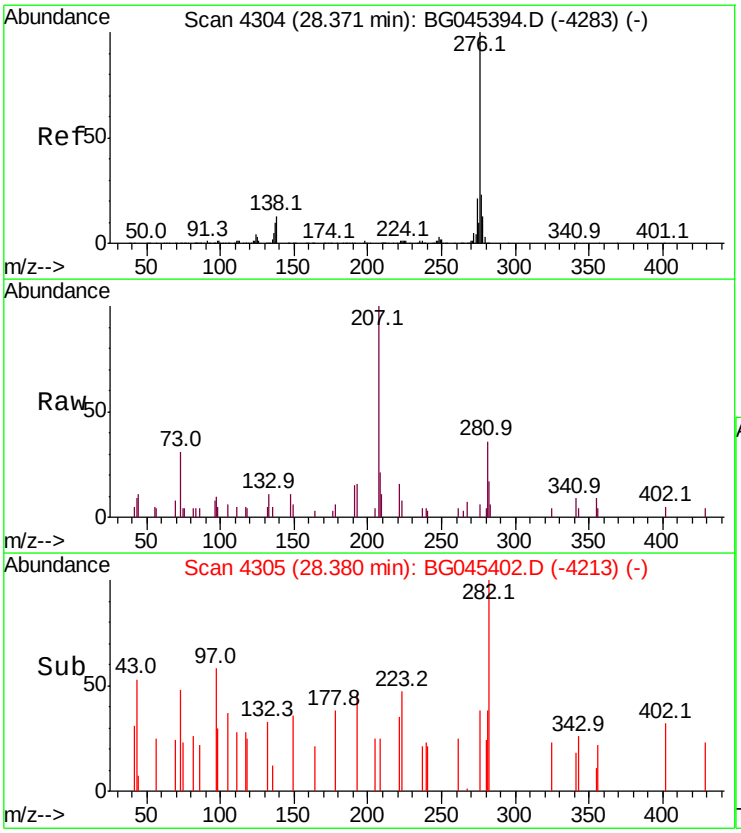
#85
Di-n-octyl phthalate
Concen: 0.018 ng
RT: 22.70 min Scan# 3338
Delta R.T. -0.01 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:149 Resp: 494

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	165.8	5.8	8.8#

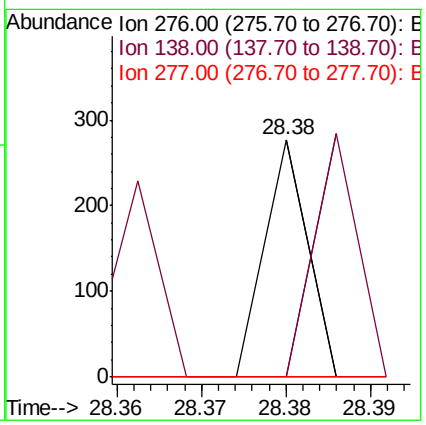


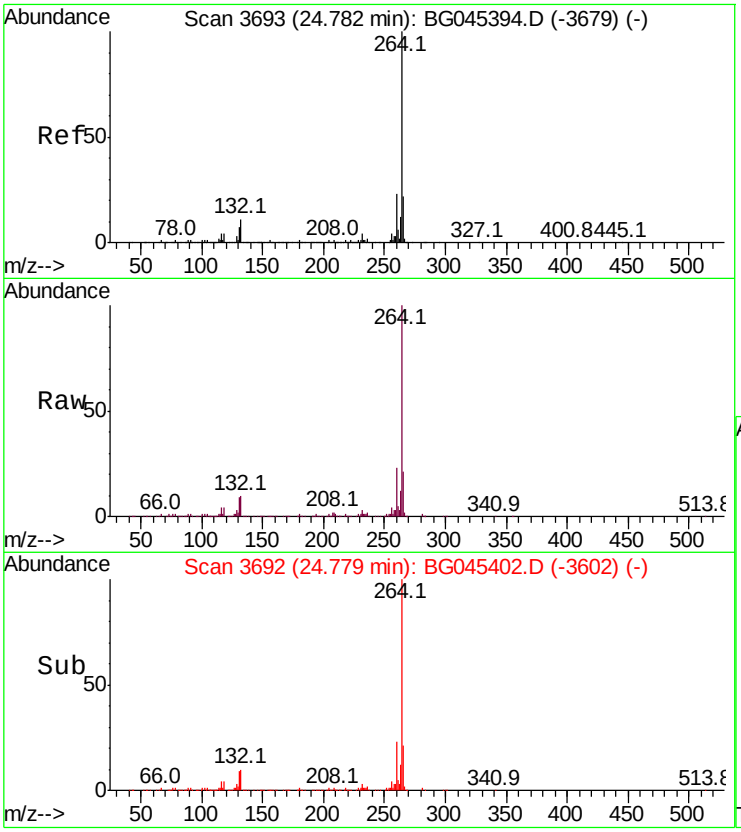


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 28.38 min Scan# 4305
Delta R.T. 0.01 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:276 Resp: 98

Ion	Ratio	Lower	Upper
276	100		
138	102.0	8.6	12.8#
277	0.0	20.2	30.4#



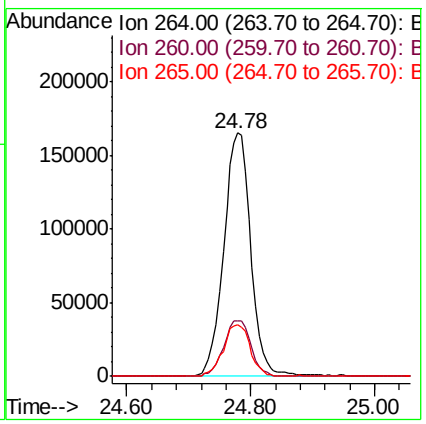


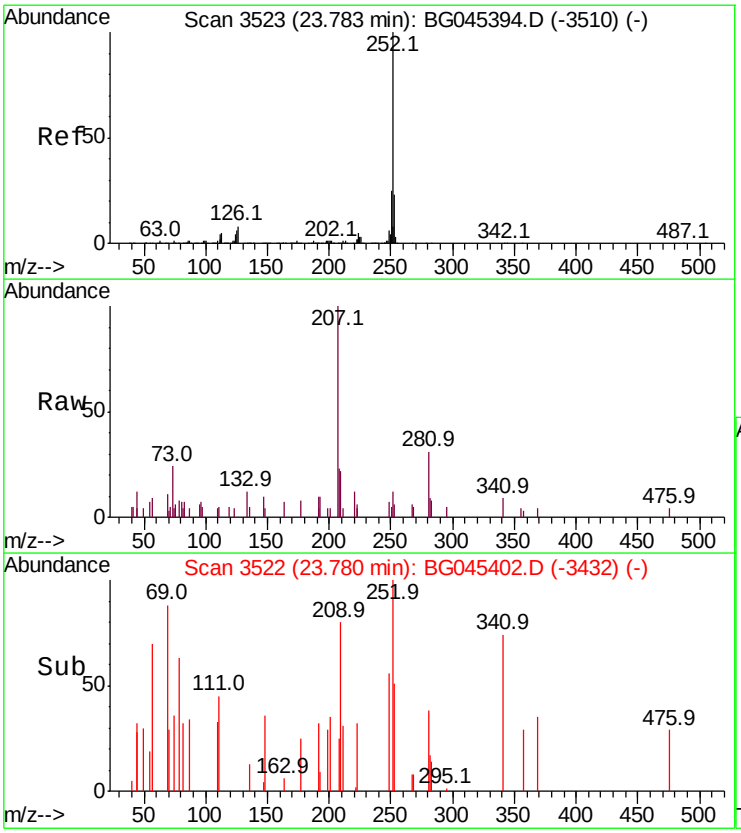
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:264 Resp: 500559

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.2	17.6	26.4

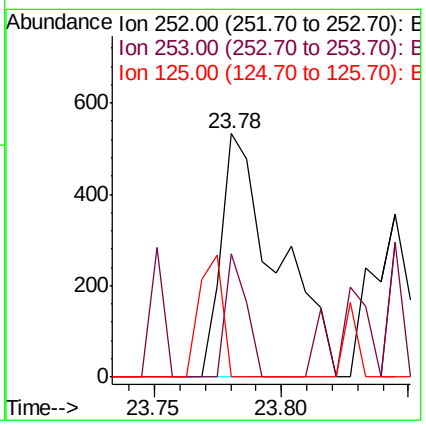


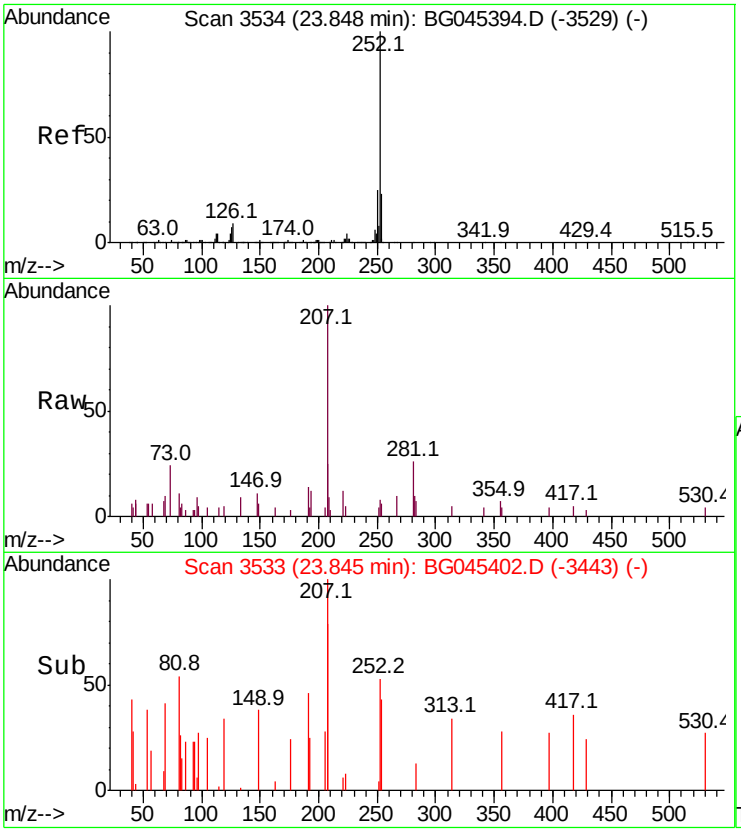


#88
Benzo(b)fluoranthene
Concen: 0.030 ng
RT: 23.78 min Scan# 3522
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:252 Resp: 818

Ion	Ratio	Lower	Upper
252	100		
253	50.8	18.1	27.1#
125	0.0	5.0	7.6#



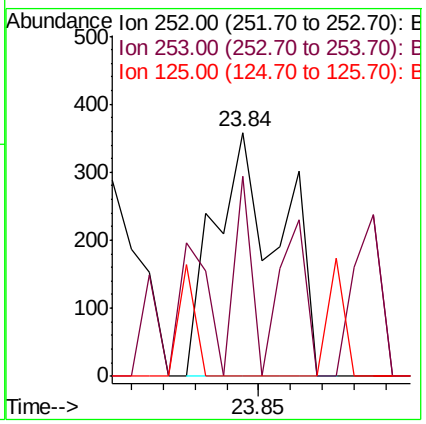


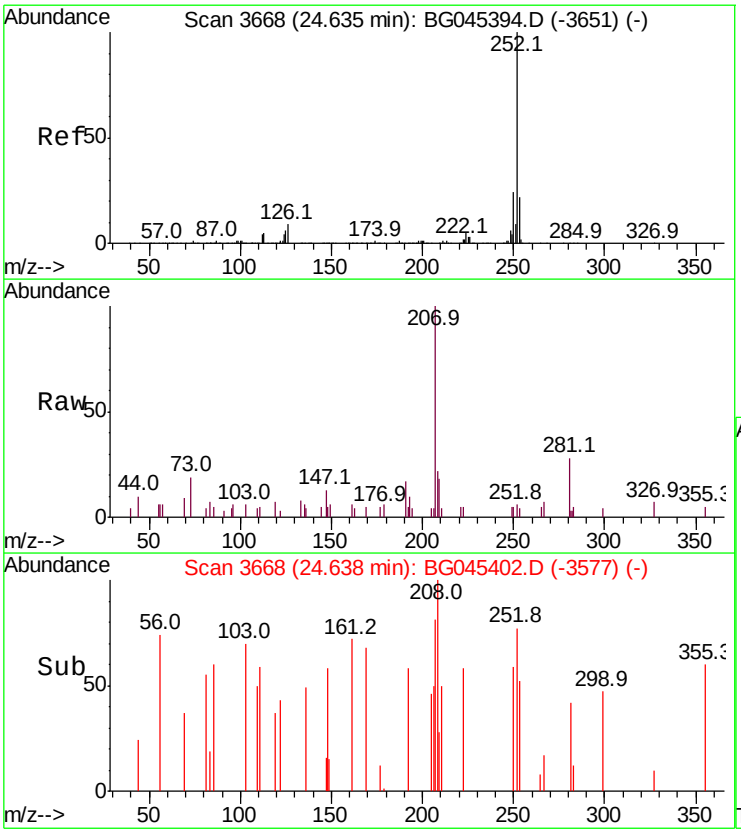
#89
Benzo(k)fluoranthene
Concen: 0.021 ng
RT: 23.84 min Scan# 3533
Delta R.T. -0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:252 Resp: 518

Ion	Ratio	Lower	Upper
252	100		
253	82.1	18.4	27.6#
125	0.0	5.7	8.5#

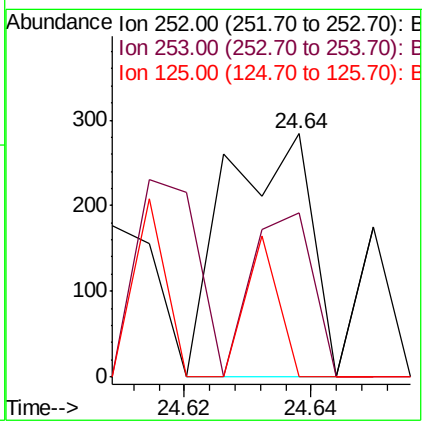


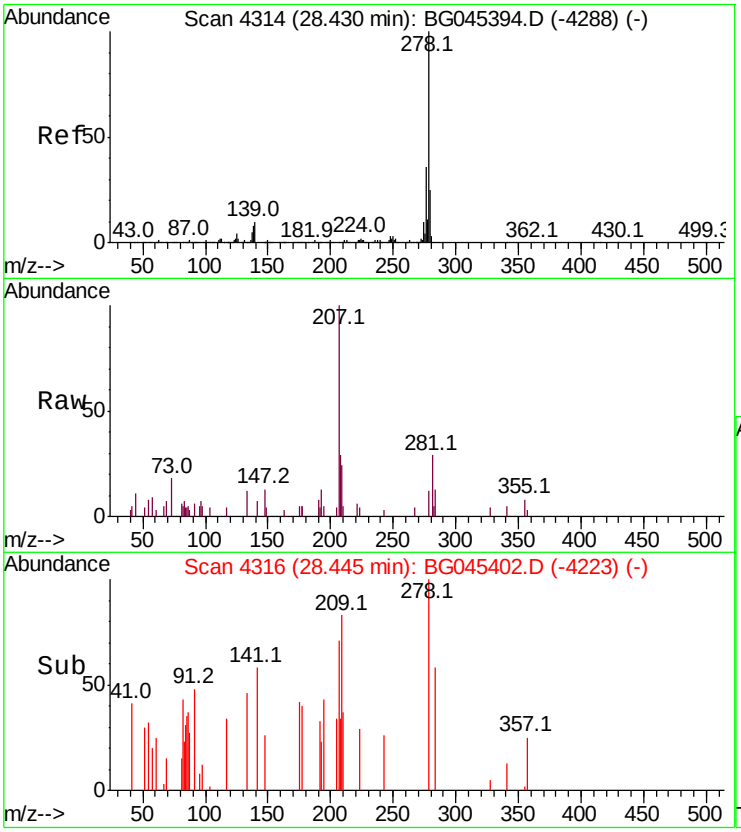


#90
Benzo(a)pyrene
Concen: 0.011 ng
RT: 24.64 min Scan# 3668
Delta R.T. 0.00 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:252 Resp: 266

Ion	Ratio	Lower	Upper
252	100		
253	67.6	17.2	25.8#
125	0.0	5.0	7.6#



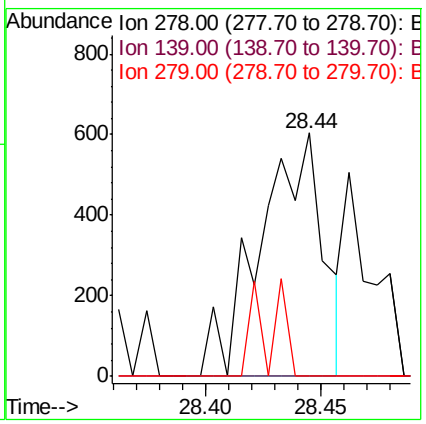


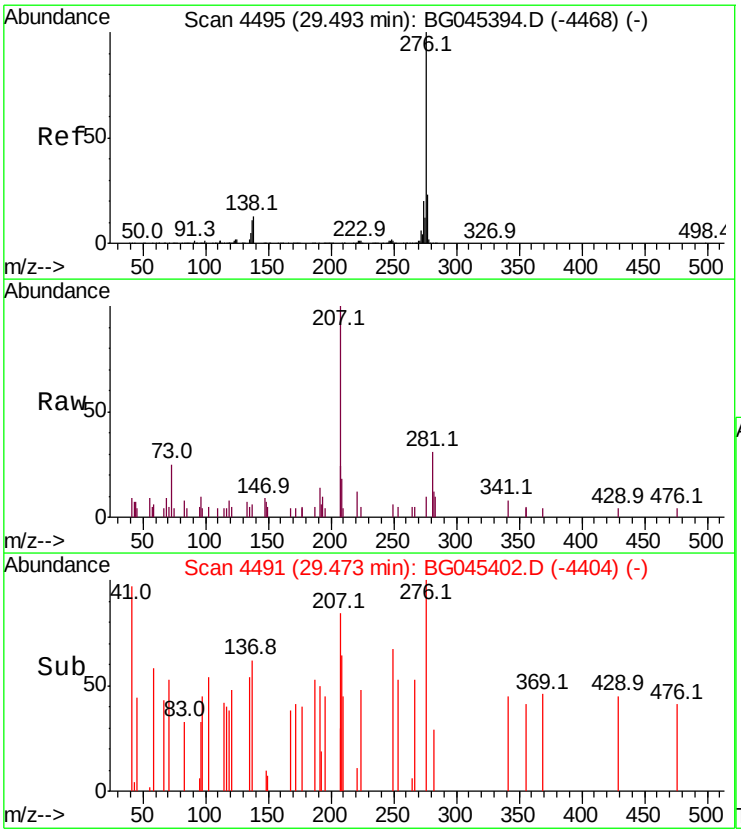
#91
Dibenzo(a,h)anthracene
Concen: 0.046 ng
RT: 28.44 min Scan# 4316
Delta R.T. 0.01 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Instrument :
BNA_G
ClientSampleId :
PB128906BL

Tgt Ion:278 Resp: 1157

Ion	Ratio	Lower	Upper
278	100		
139	0.0	7.8	11.8#
279	0.0	19.8	29.8#





#92
Benzo(g,h,i)perylene
Concen: 0.013 ng
RT: 29.47 min Scan# 4491
Delta R.T. -0.02 min
Lab File: BG045402.D
Acq: 15 May 2020 18:33

Tgt Ion:276 Resp: 325

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.1	27.1#
138	0.0	10.2	15.4#