Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032587.D
Acq On : 7 Feb 2018 6:49
Operator : SJ/JU
Sample : J1455-07
Misc : MDL-W-8 ppm
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-B

Quant Time: Feb 07 07:39:50 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	20015	20.00	ng	0.00
21) Naphthalene-d8	11.58	136	86972	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	60309	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	155682	20.00	ng	0.00
75) Chrysene-d12	22.40	240	196651	20.00	ng	0.00
86) Perylene-d12	26.07	264	234589	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	43984	44.14	ng	0.00
7) Phenol-d6	7.82	99	32753	24.63	ng	0.00
23) Nitrobenzene-d5	9.90	82	96445	69.26	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	144922	126.24	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	379084	74.71	ng	0.00
78) Terphenyl-d14	20.61	244	737153	80.30	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.94	88	100	0.298	ng	# 11
4) n-Nitrosodimethylamine	4.10	42	55	0.117	ng	# 1
10) Phenol	8.22	94	96	0.076	ng	# 1
15) Benzyl Alcohol	9.04	79	1708	1.559	ng	# 52
18) Hexachloroethane	9.83	117	361	0.673	ng	# 18
22) Acetophenone	9.56	105	68	0.033	ng	# 50
24) Nitrobenzene	9.99	77	71	0.053	ng	# 42
25) Isophorone	10.57	82	192	0.081	ng	# 69
28) bis(2-Chloroethoxy)methane	10.60	93	56	0.043	ng	# 51
31) Naphthalene	11.62	128	185	0.044	ng	# 68
33) 4-Chloroaniline	11.70	127	58	0.031	ng	# 46
36) 4-Chloro-3-methylphenol	12.81	107	57	0.039	ng	# 22
37) 2-Methylnaphthalene	13.09	142	72	0.020	ng	# 17
39) 1,2,4,5-Tetrachlorobenzene	13.31	216	80	0.028	ng	# 25
45) 1,1'-Biphenyl	14.17	154	809	0.159	ng	# 43
46) 2-Chloronaphthalene	14.52	162	138	0.035	ng	# 20
47) 2-Nitroaniline	14.45	65	70	0.079	ng	# 9
48) Acenaphthylene	14.89	152	68	0.011	ng	# 59
49) Dimethylphthalate	14.77	163	984	0.177	ng	# 34
51) Acenaphthene	15.40	154	494	0.118	ng	# 58
52) 3-Nitroaniline	15.26	138	55	0.054	ng	# 1
54) Dibenzofuran	15.74	168	283	0.046	ng	# 46
55) 4-Nitrophenol	15.56	139	54	0.071	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	260	0.156	ng	# 66
57) Fluorene	16.38	166	427	0.083	ng	# 50
59) Diethylphthalate	16.10	149	590	0.109	ng	# 1
60) 4-Chlorophenyl-phenylether	16.29	204	66	0.020	ng	# 18
61) 4-Nitroaniline	16.41	138	57	0.052	ng	# 12
62) Azobenzene	16.63	77	790	0.244	ng	# 50
64) 4,6-Dinitro-2-methylphenol	16.50	198	60	0.052	ng	# 1
65) n-Nitrosodiphenylamine	16.82	169	4034	0.868	ng	# 52
68) Atrazine	17.41	200	56	0.028	ng	# 35
69) Pentachlorophenol	17.51	266	56	0.035	ng	# 19
70) Phenanthrene	18.12	178	120	0.014	ng	# 60

Quantitation Report (QT/LSC Reviewed)

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Data File : BG032587.D
Acq On : 7 Feb 2018 6:49
Operator : SJ/JU
Sample : J1455-07
Misc : MDL-W-8 ppm
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-B

Quant Time: Feb 07 07:39:50 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
71) Anthracene	18.21	178	55	0.006	ng	#	1
72) Carbazole	18.48	167	418	0.055	ng	#	6
73) Di-n-butylphthalate	18.98	149	1260	0.149	ng	#	54
74) Fluoranthene	20.10	202	128	0.011	ng		65
77) Pyrene	20.50	202	228	0.019	ng	#	31
79) Butylbenzylphthalate	21.29	149	208	0.055	ng	#	36
80) Benzo(a)anthracene	22.39	228	189	0.016	ng	#	50
81) 3,3'-Dichlorobenzidine	22.15	252	56	0.012	ng	#	26
82) Chrysene	22.41	228	267	0.023	ng	#	49
83) Bis(2-ethylhexyl)phthalate	22.22	149	407	0.075	ng	#	50
84) Di-n-octyl phthalate	23.59	149	144	0.017	ng	#	1
89) Benzo(a)pyrene	26.05	252	250	0.019	ng	#	59

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

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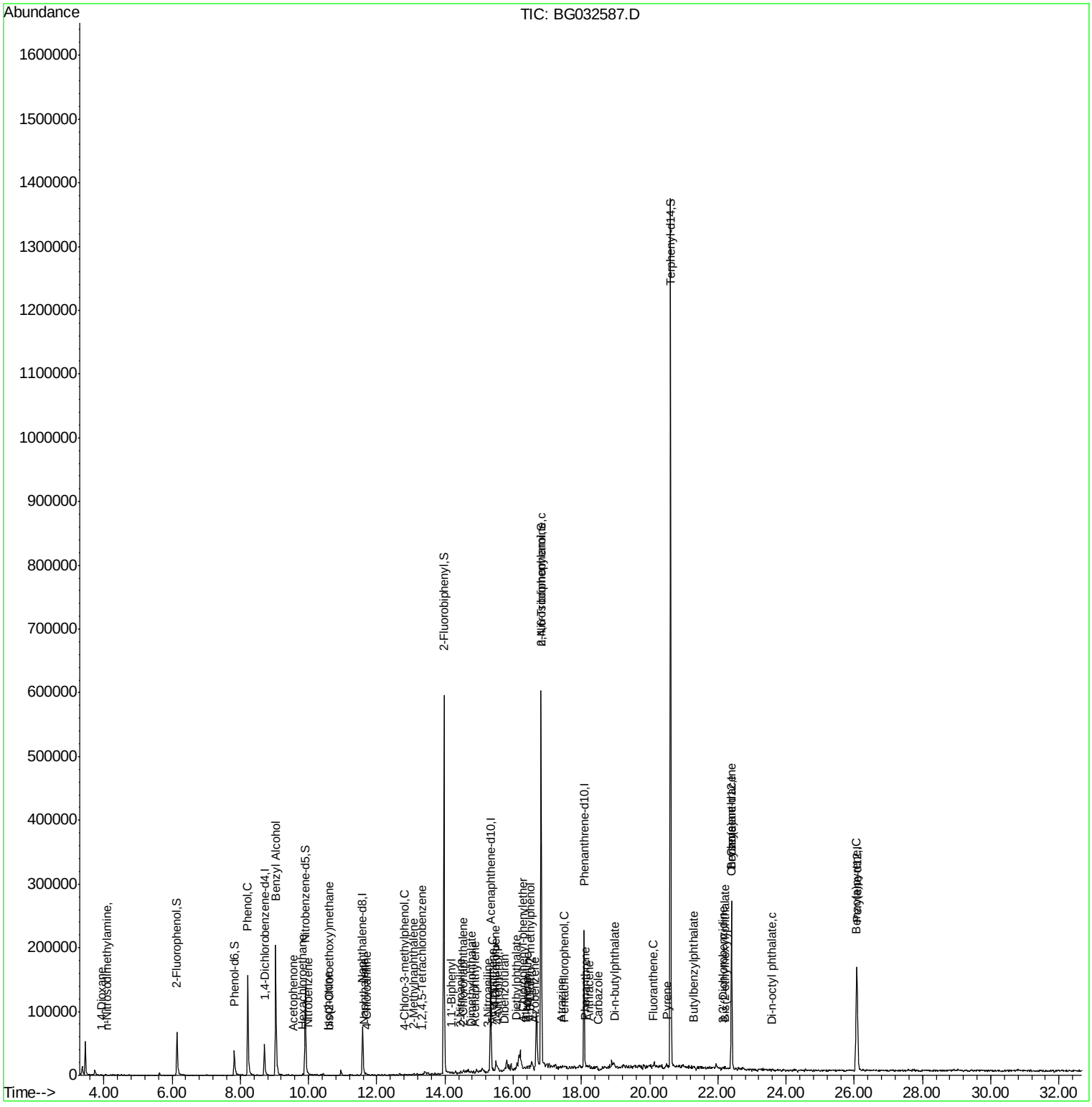
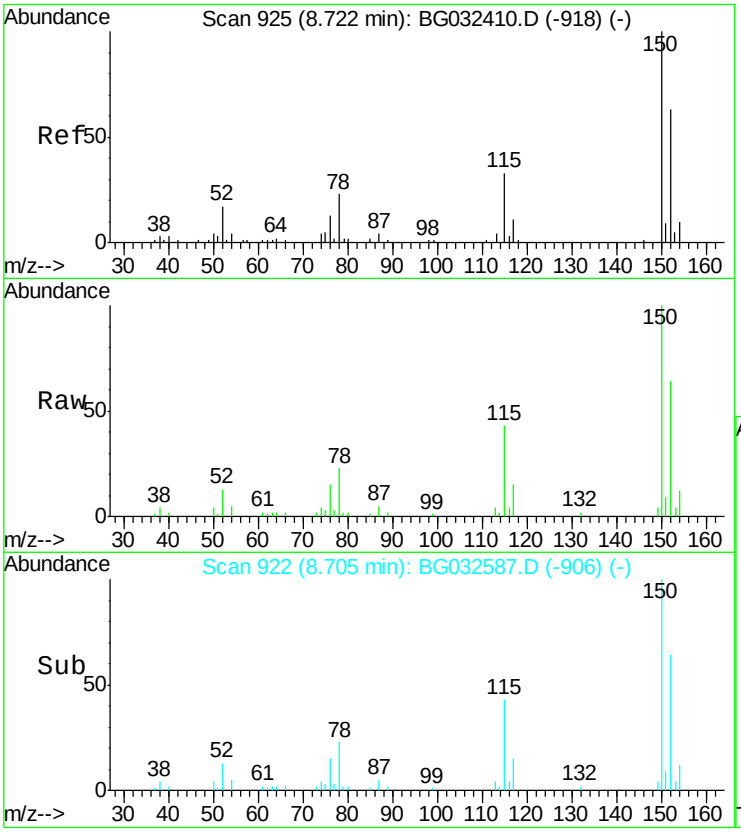


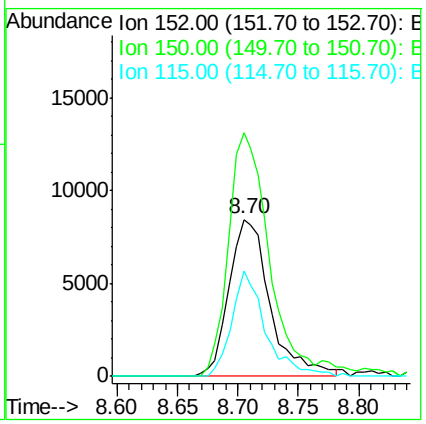


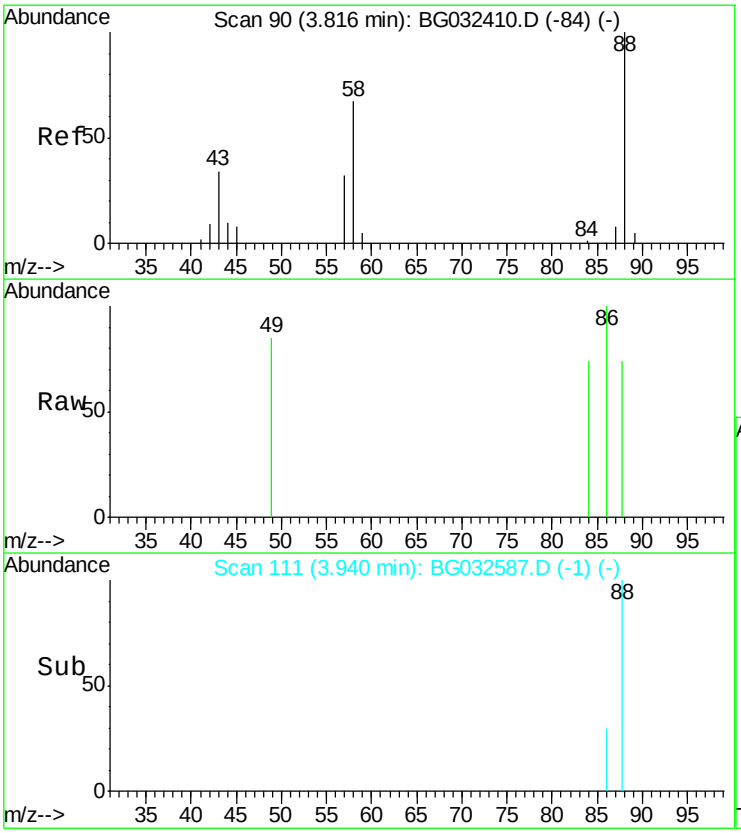
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.70 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:152 Resp: 20015

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.6	189.8
115	67.1	53.0	79.4

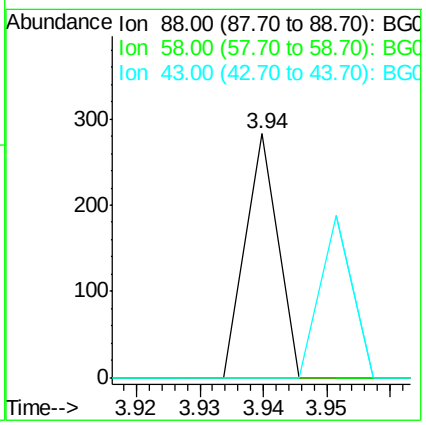


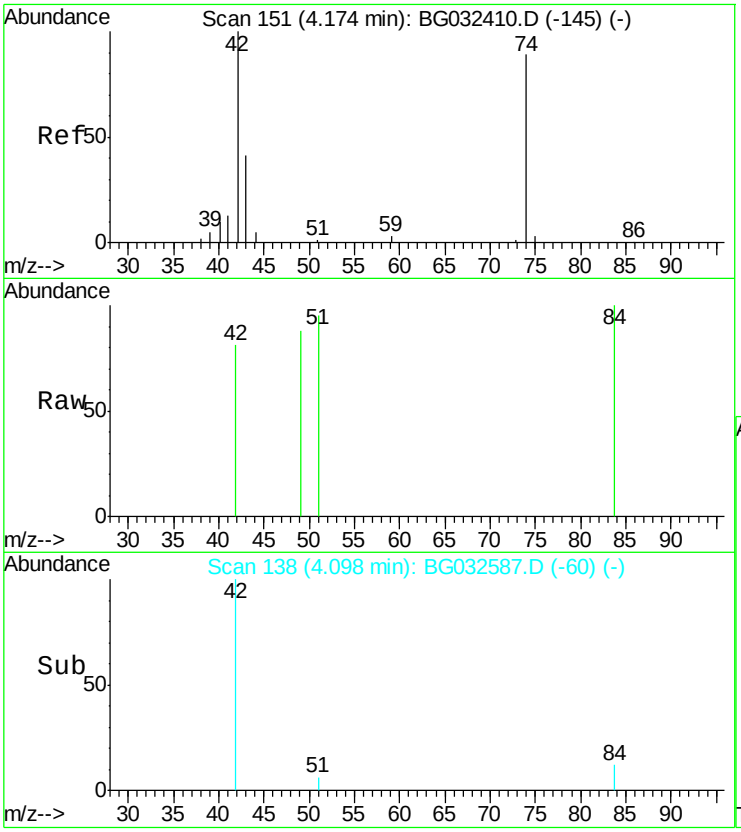


#2
1,4-Dioxane
Concen: 0.298 ng
RT: 3.94 min Scan# 111
Delta R.T. 0.13 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion: 88 Resp: 100

Ion	Ratio	Lower	Upper
88	100		
58	0.0	79.6	119.4#
43	0.0	27.4	41.0#



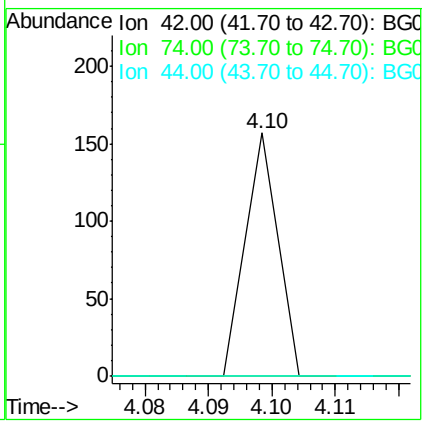


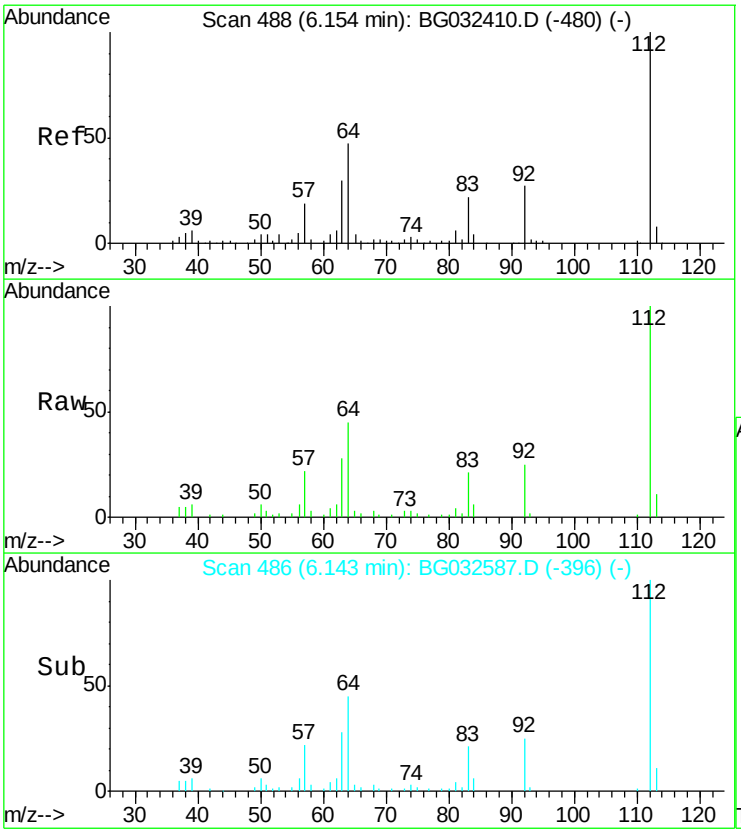
#4
n-Nitrosodimethylamine
Concen: 0.117 ng
RT: 4.10 min Scan# 138
Delta R.T. -0.07 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion: 42 Resp: 55

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	0.0	18.9	28.3#

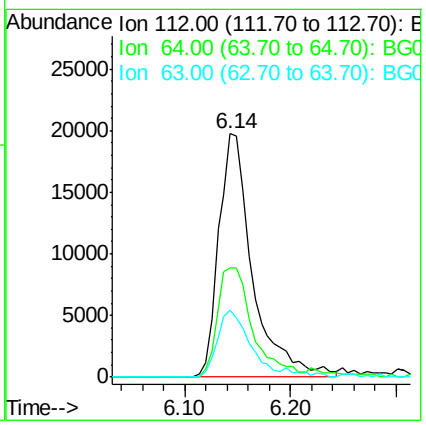


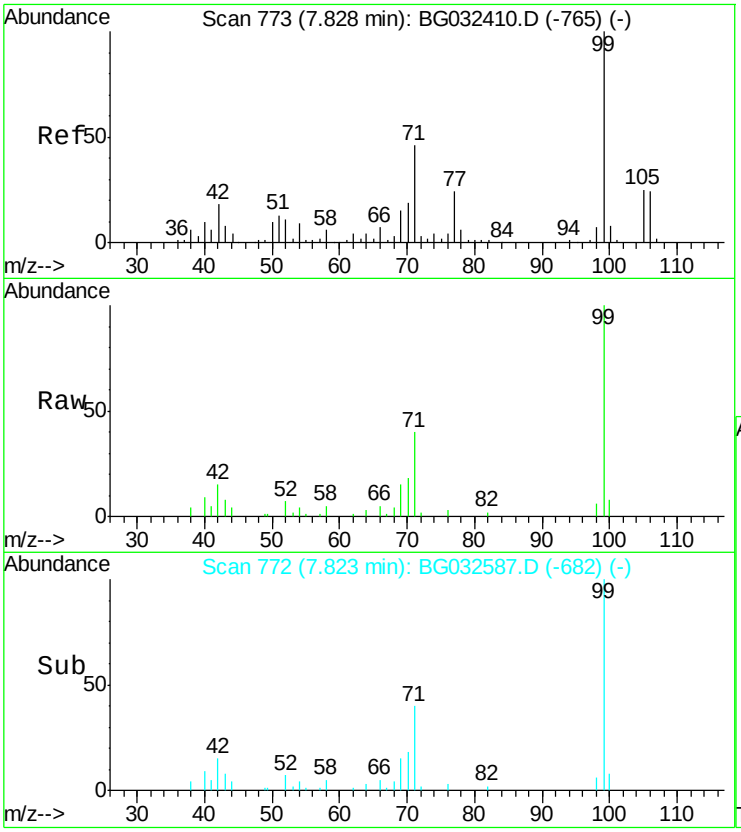


#5
2-Fluorophenol
Concen: 44.139 ng
RT: 6.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:112 Resp: 43984

Ion	Ratio	Lower	Upper
112	100		
64	44.6	56.3	84.5#
63	27.7	30.1	45.1#



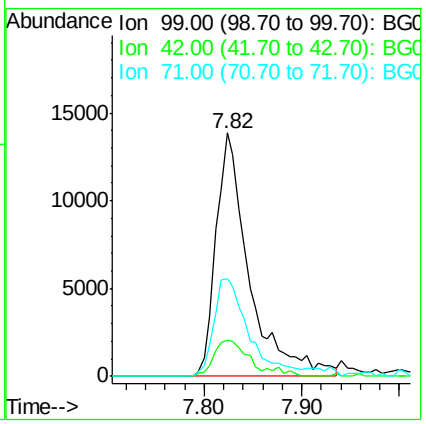


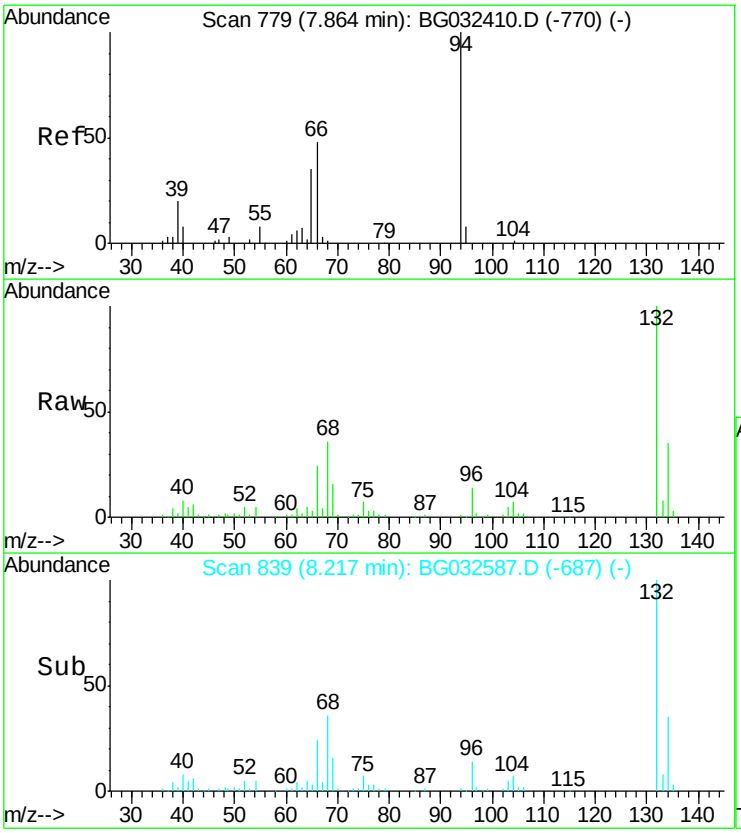
#7
Phenol-d6
Concen: 24.631 ng
RT: 7.82 min Scan# 772
Delta R.T. 0.00 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion: 99 Resp: 32753

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.1	21.1
71	40.1	26.1	39.1#

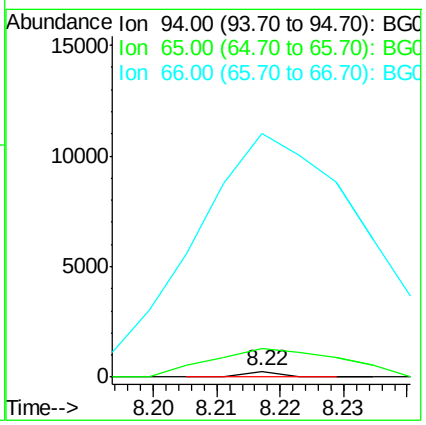


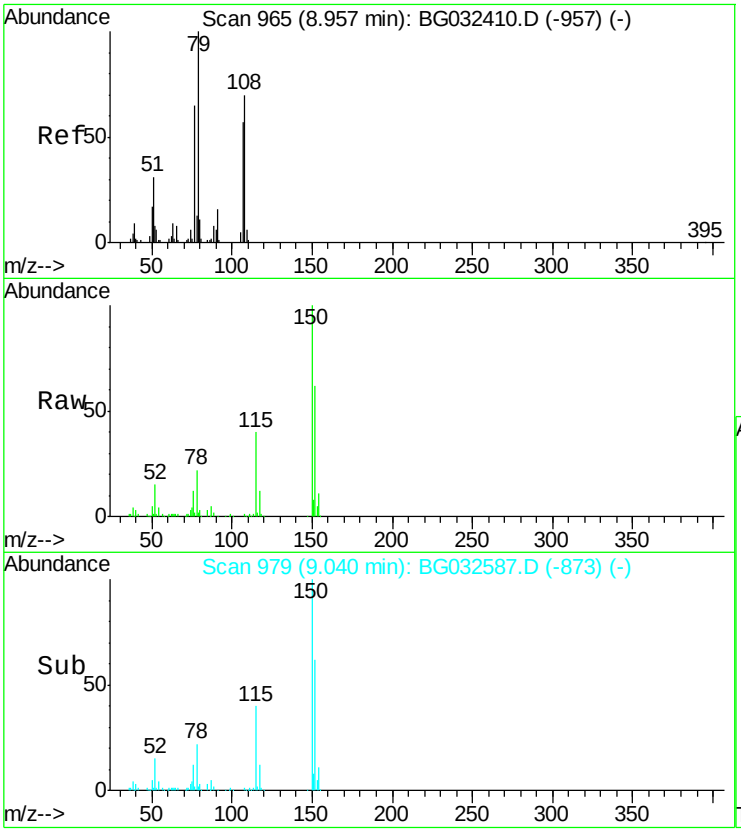


#10
Phenol
Concen: 0.076 ng
RT: 8.22 min Scan# 839
Delta R.T. 0.36 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion: 94 Resp: 96

Ion	Ratio	Lower	Upper
94	100		
65	473.1	11.9	51.9#
66	4063.1	22.2	62.2#



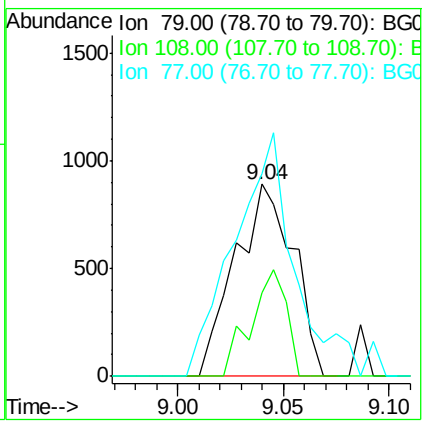


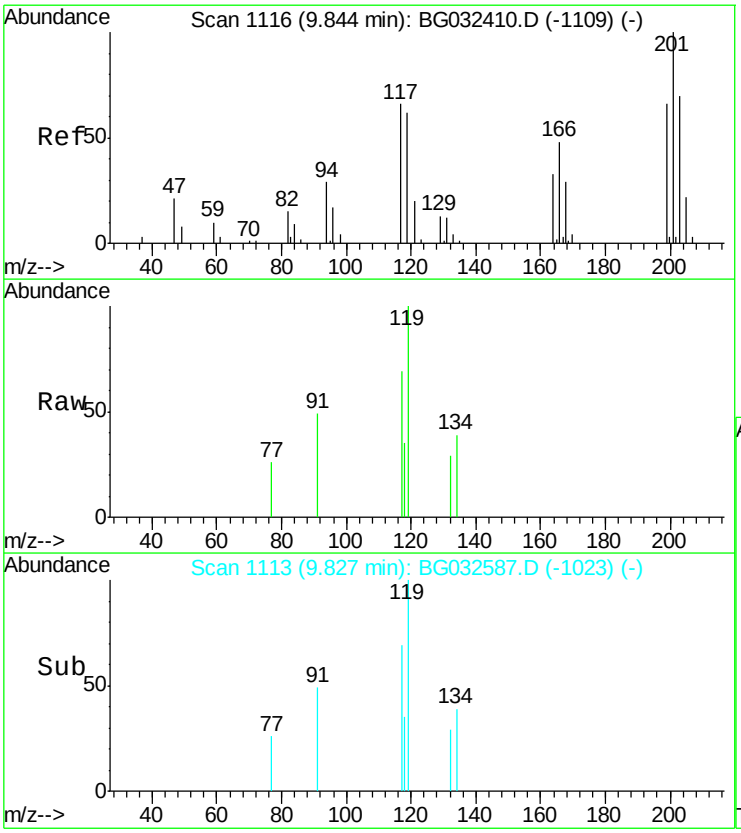
#15
Benzyl Alcohol
Concen: 1.559 ng
RT: 9.04 min Scan# 979
Delta R.T. 0.09 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion: 79 Resp: 1708

Ion	Ratio	Lower	Upper
79	100		
108	43.8	57.2	85.8#
77	105.7	46.1	69.1#

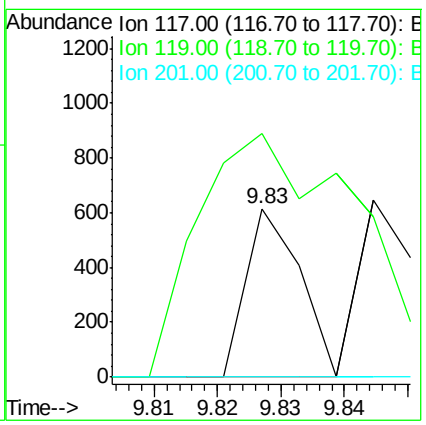


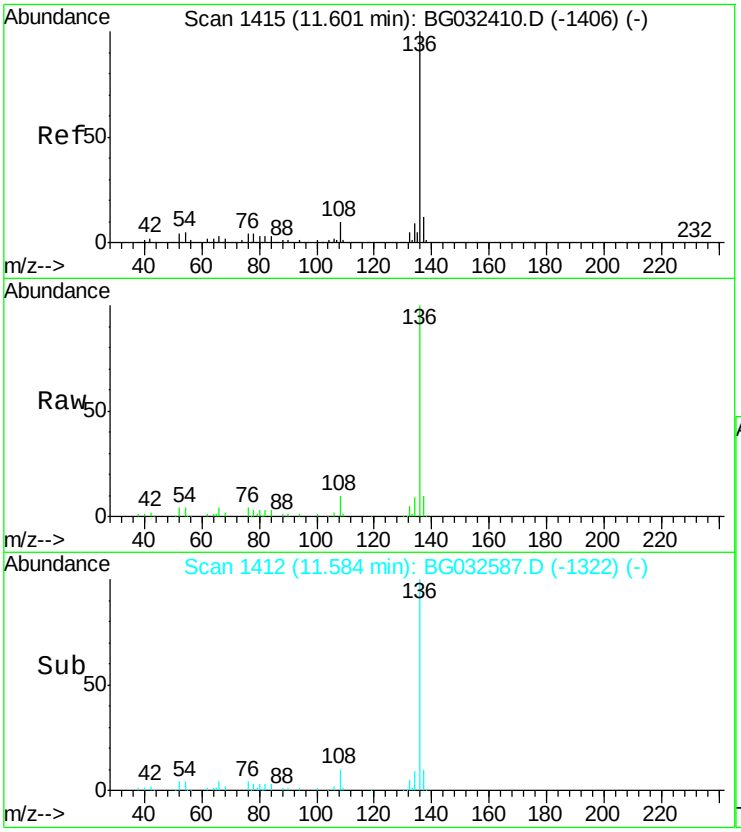


#18
Hexachloroethane
Concen: 0.673 ng
RT: 9.83 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:117 Resp: 361

Ion	Ratio	Lower	Upper
117	100		
119	144.6	76.7	115.1#
201	0.0	95.7	143.5#



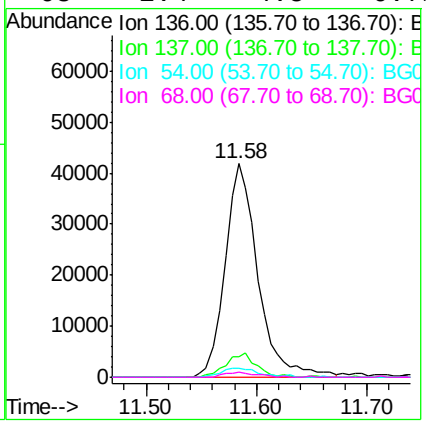


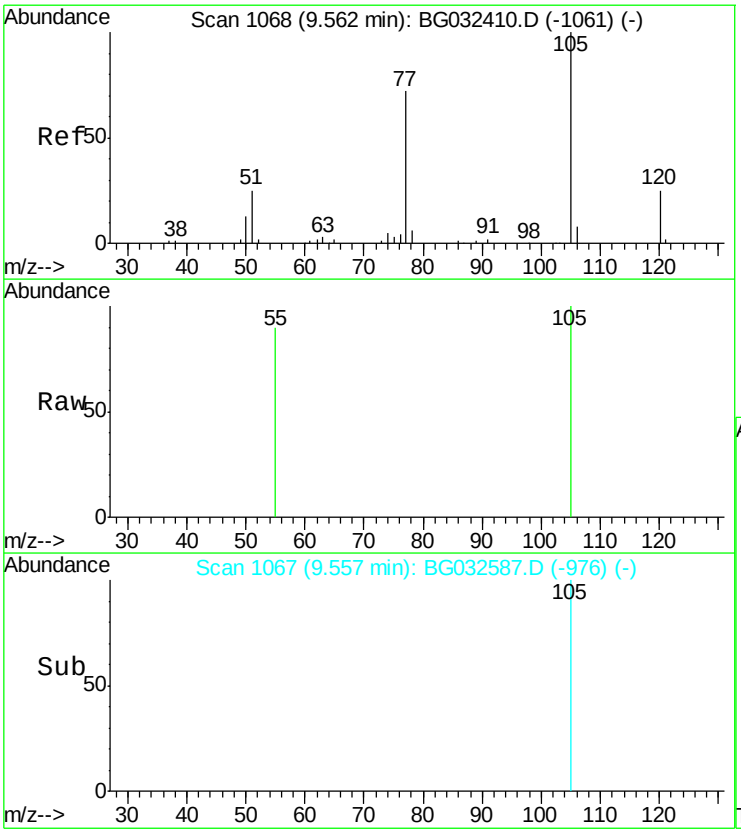
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.58 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:136 Resp: 86972

Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.2	13.8
54	4.3	10.3	15.5#
68	2.4	4.5	6.7#

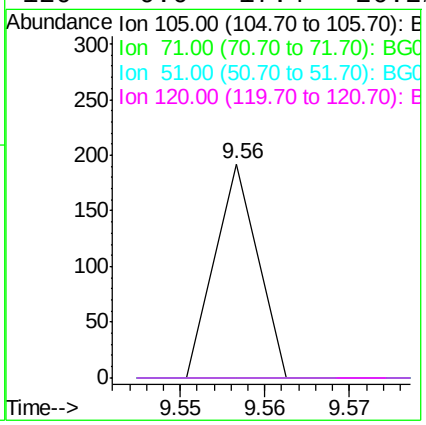


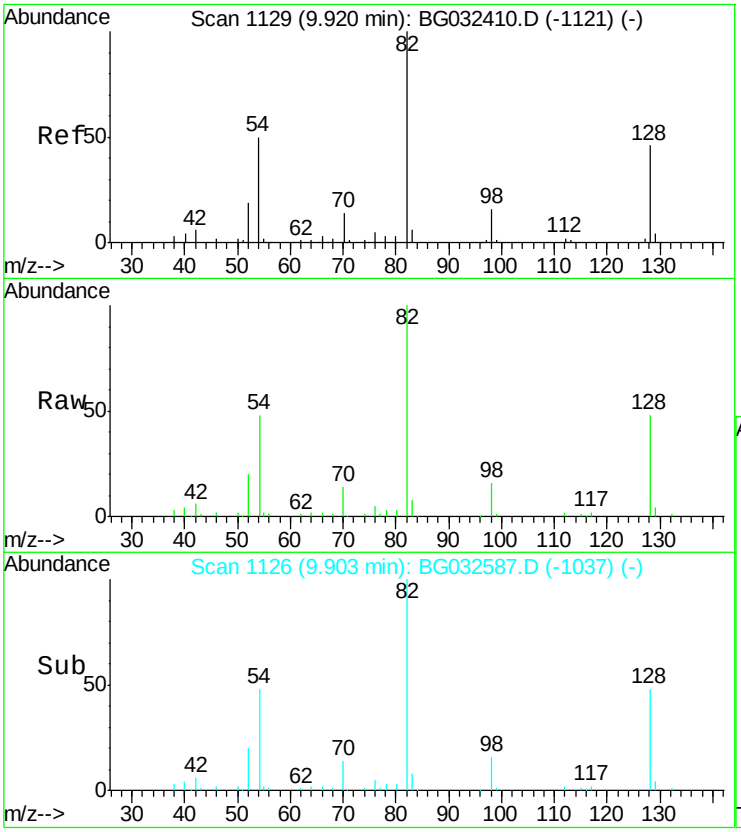


#22
Acetophenone
Concen: 0.033 ng
RT: 9.56 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:105 Resp: 68

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	0.0	26.1	39.1#
120	0.0	17.4	26.2#



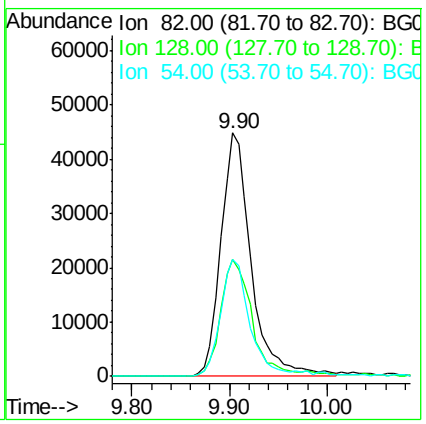


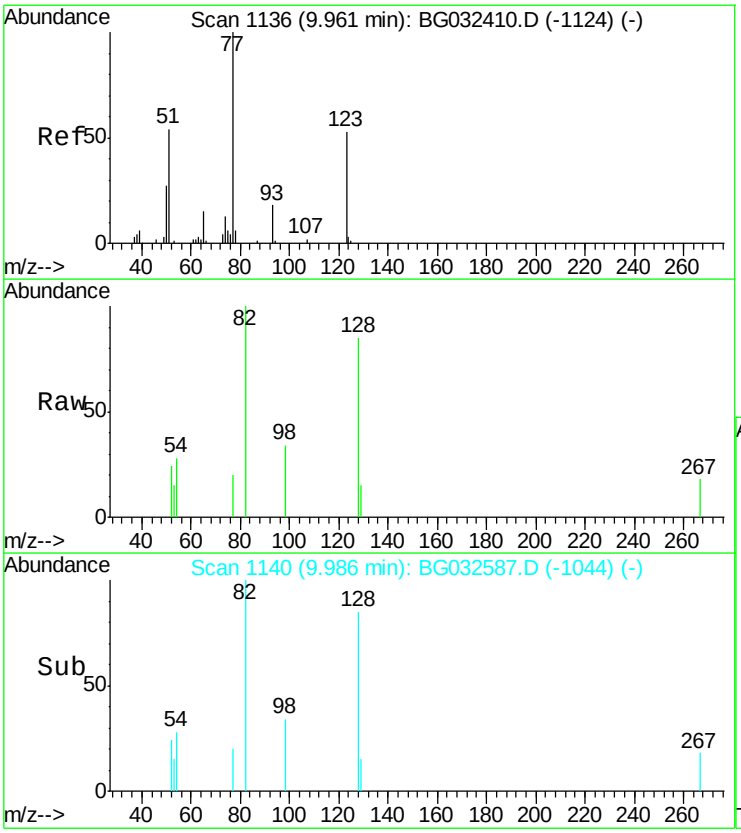
#23
Nitrobenzene-d5
Concen: 69.264 ng
RT: 9.90 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion: 82 Resp: 96445

Ion	Ratio	Lower	Upper
82	100		
128	48.1	29.7	44.5#
54	47.9	43.1	64.7

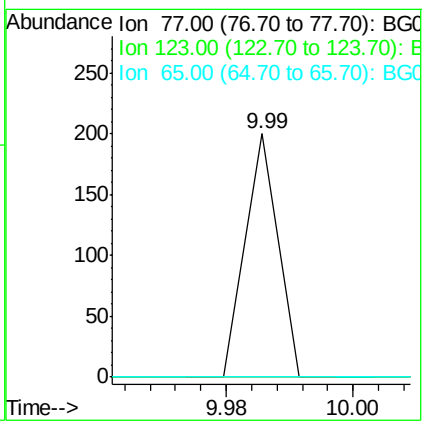


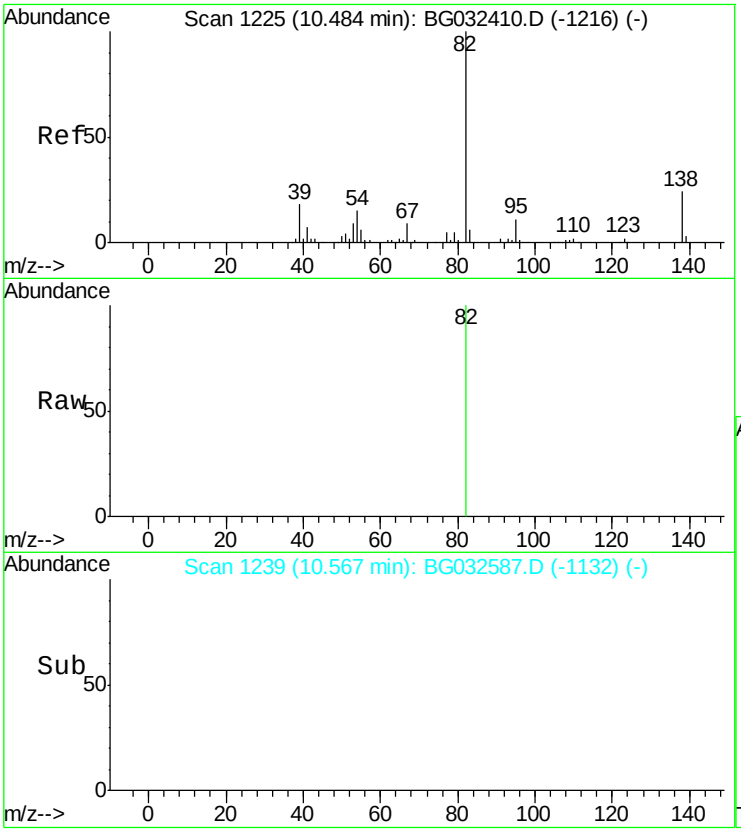


#24
Nitrobenzene
Concen: 0.053 ng
RT: 9.99 min Scan# 1140
Delta R.T. 0.04 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion: 77 Resp: 71

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	0.0	13.0	19.6#



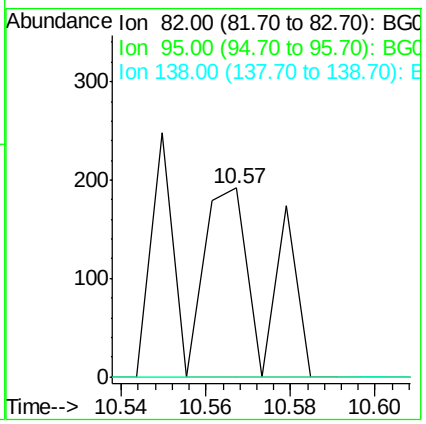


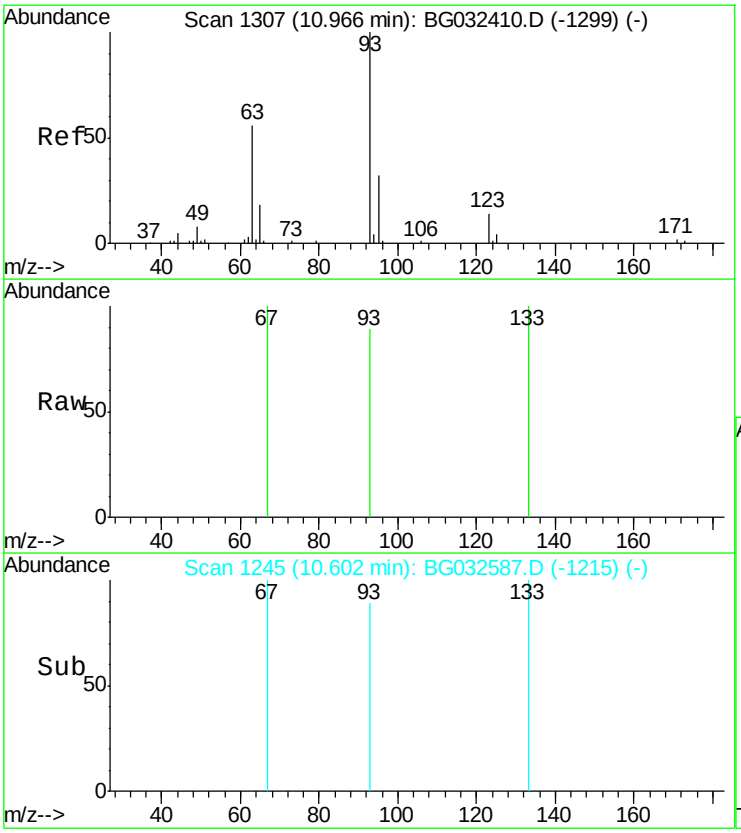
#25
Isophorone
Concen: 0.081 ng
RT: 10.57 min Scan# 1239
Delta R.T. 0.10 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion: 82 Resp: 192

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	12.1	18.1#

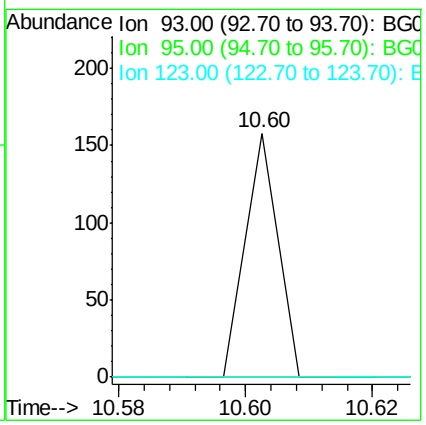


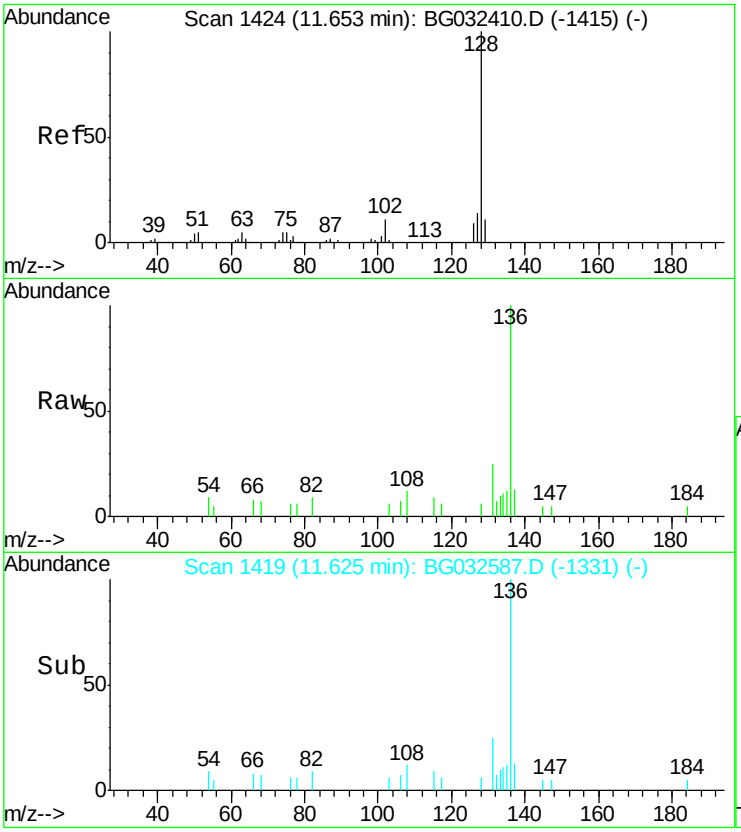


#28
bis(2-Chloroethoxy)methane
Concen: 0.043 ng
RT: 10.60 min Scan# 1245
Delta R.T. -0.35 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion: 93 Resp: 56

Ion	Ratio	Lower	Upper
93	100		
95	0.0	24.3	36.5#
123	0.0	8.4	12.6#



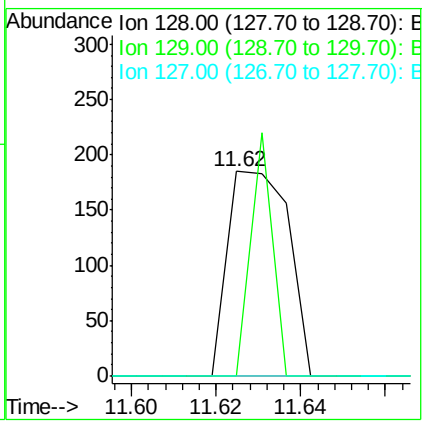


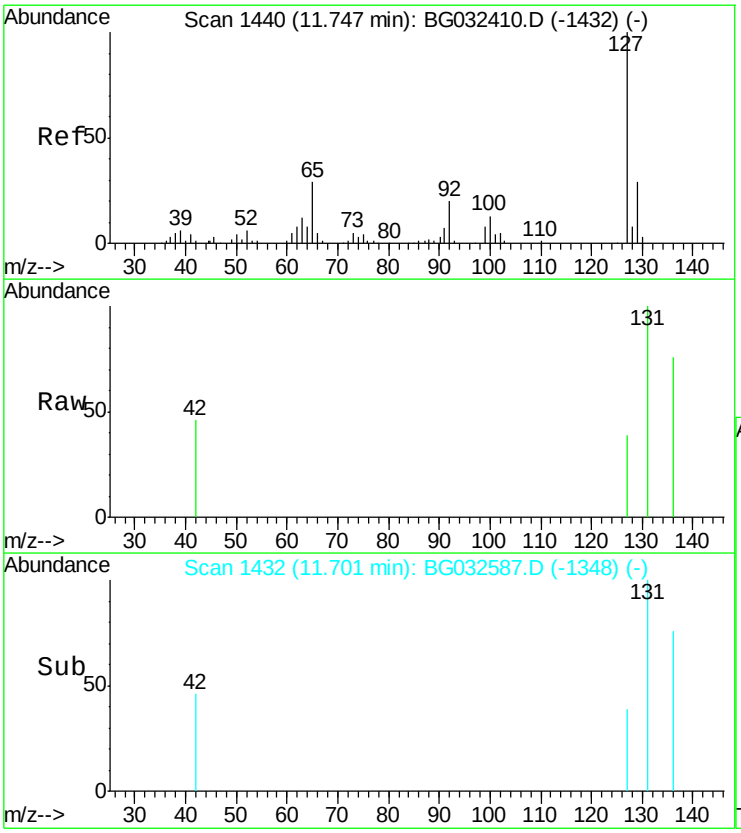
#31
Naphthalene
Concen: 0.044 ng
RT: 11.62 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:128 Resp: 185

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8#
127	0.0	11.6	17.4#

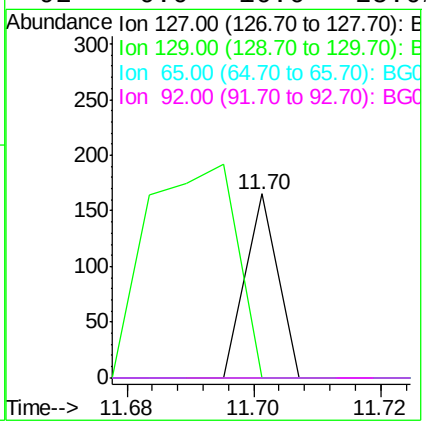


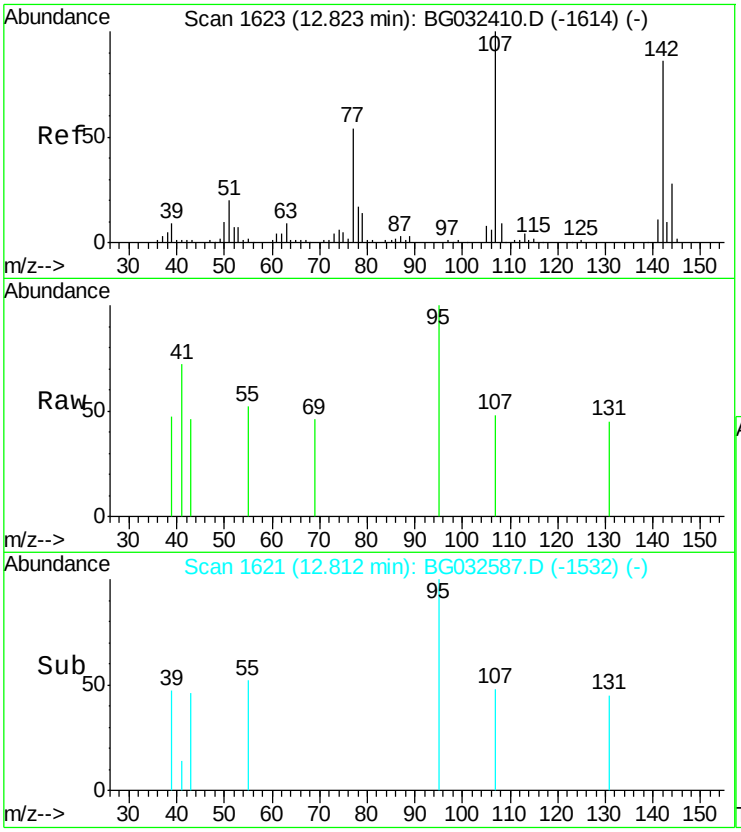


#33
4-Chloroaniline
Concen: 0.031 ng
RT: 11.70 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:127 Resp: 58

Ion	Ratio	Lower	Upper
127	100		
129	0.0	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



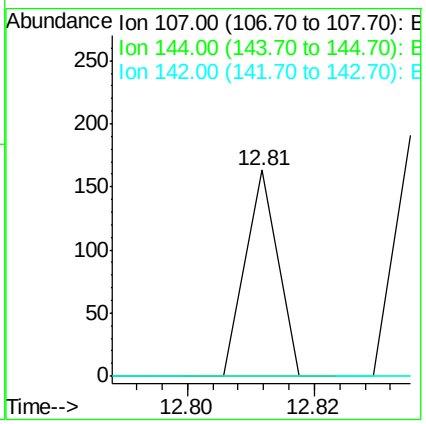


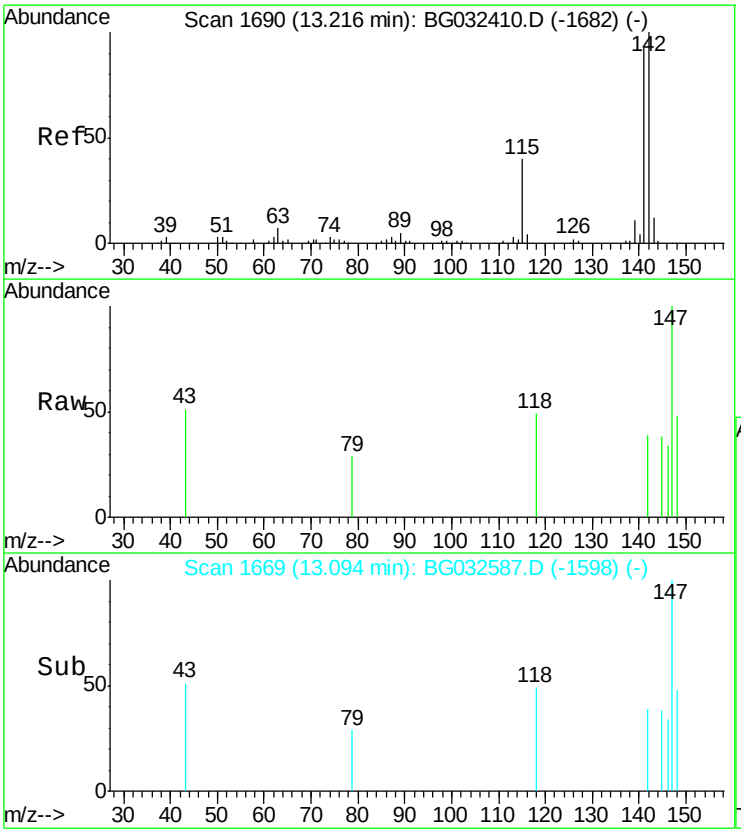
#36
4-Chloro-3-methylphenol
Concen: 0.039 ng
RT: 12.81 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:107 Resp: 57

Ion	Ratio	Lower	Upper
107	100		
144	0.0	18.2	27.4#
142	0.0	59.0	88.4#

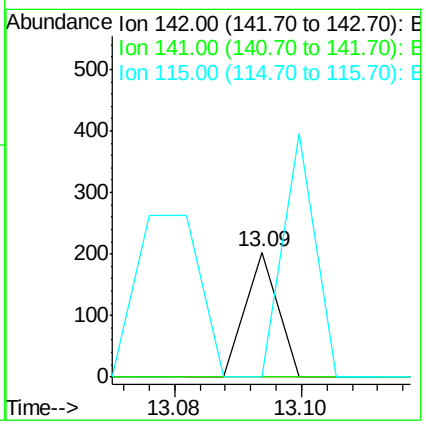


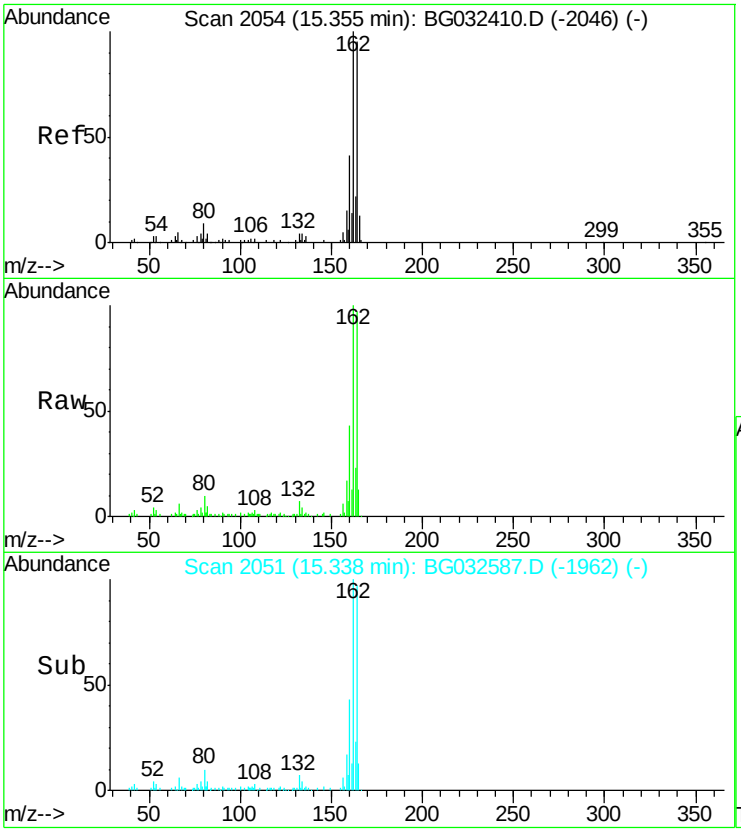


#37
2-Methylnaphthalene
Concen: 0.020 ng
RT: 13.09 min Scan# 1669
Delta R.T. -0.11 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:142 Resp: 72

Ion	Ratio	Lower	Upper
142	100		
141	0.0	67.1	100.7#
115	0.0	30.7	46.1#



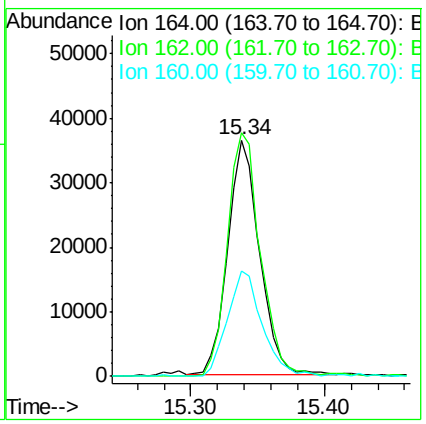


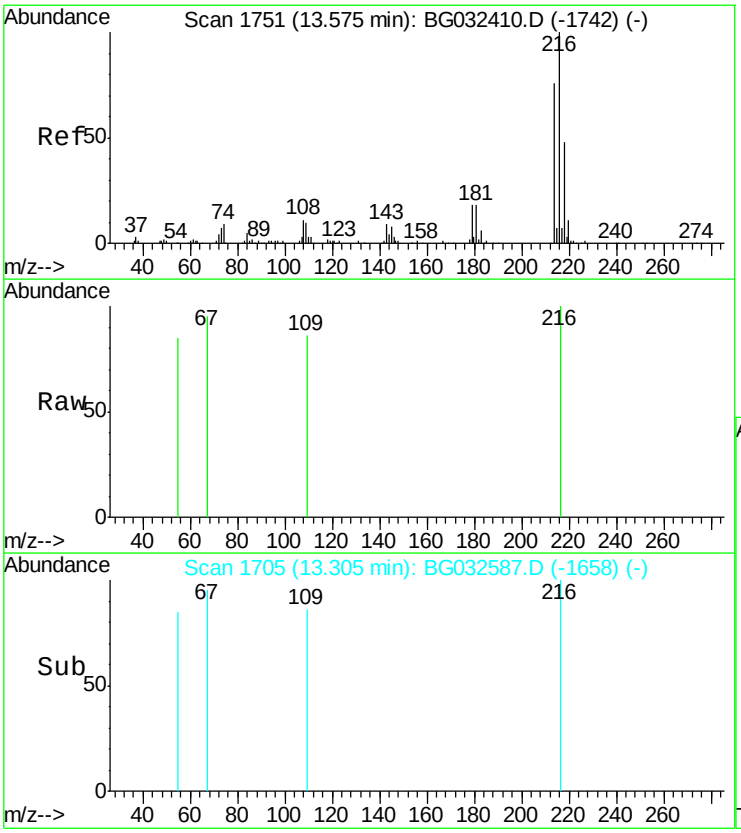
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:164 Resp: 60309

Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	44.8	35.4	53.0

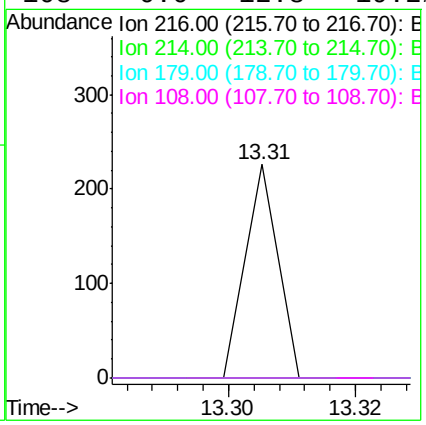


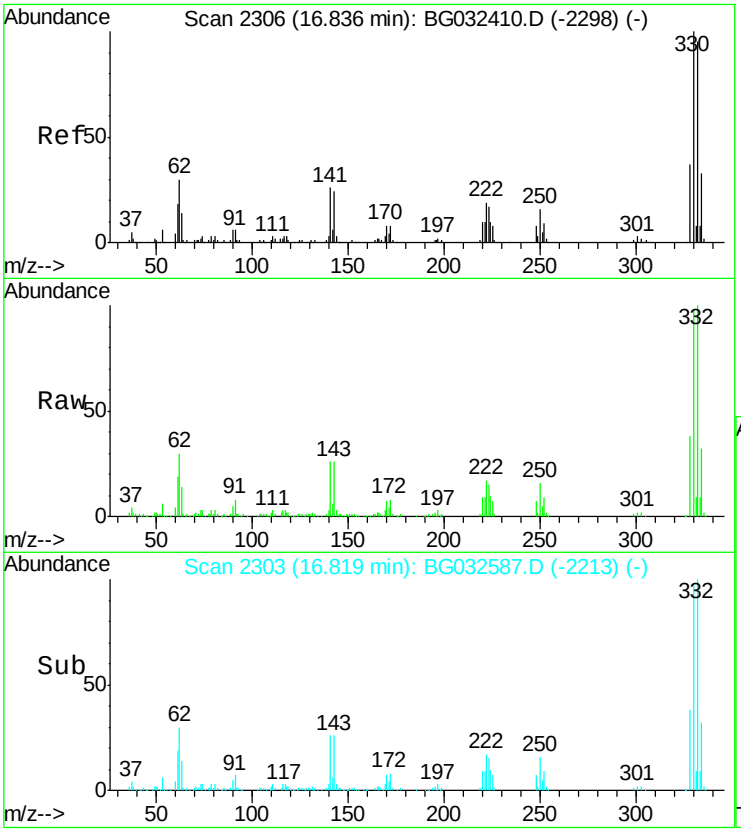


#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.028 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.25 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:216 Resp: 80

Ion	Ratio	Lower	Upper
216	100		
214	0.0	63.0	94.4#
179	0.0	17.0	25.6#
108	0.0	12.8	19.2#



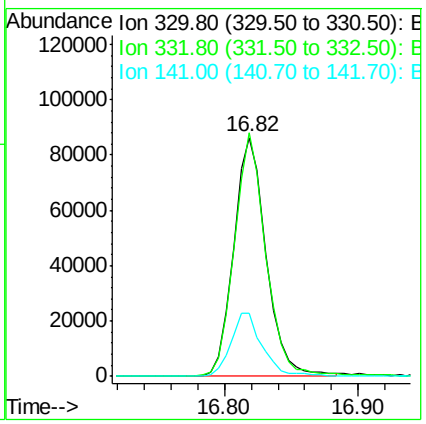


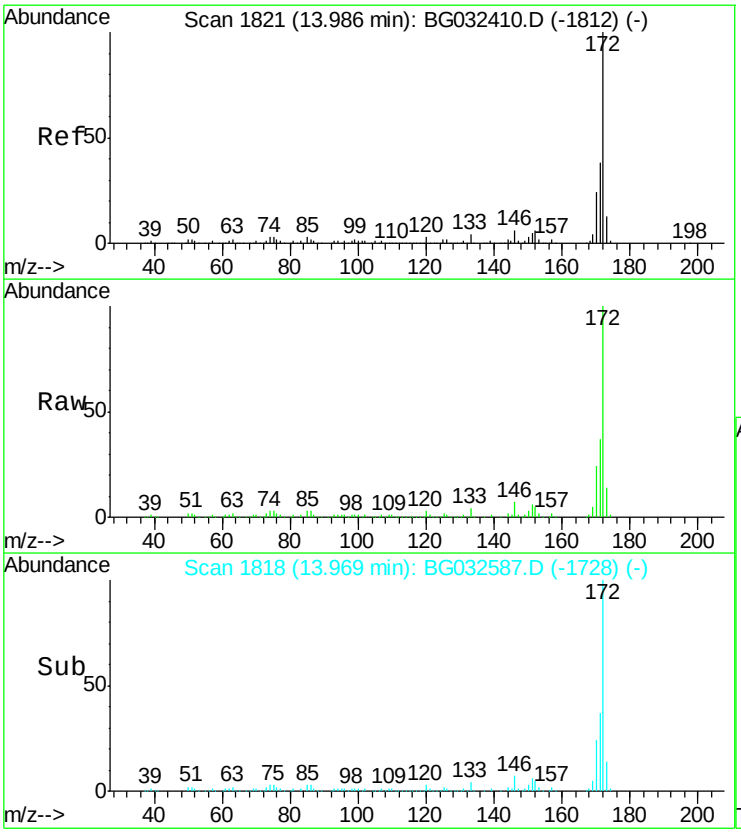
#41
2,4,6-Tribromophenol
Concen: 126.241 ng
RT: 16.82 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:330 Resp: 144922

Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.0	115.6
141	26.3	25.2	37.8

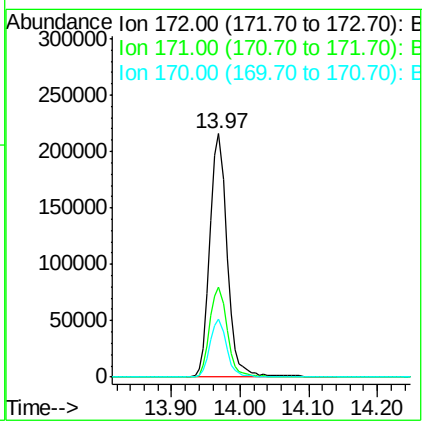


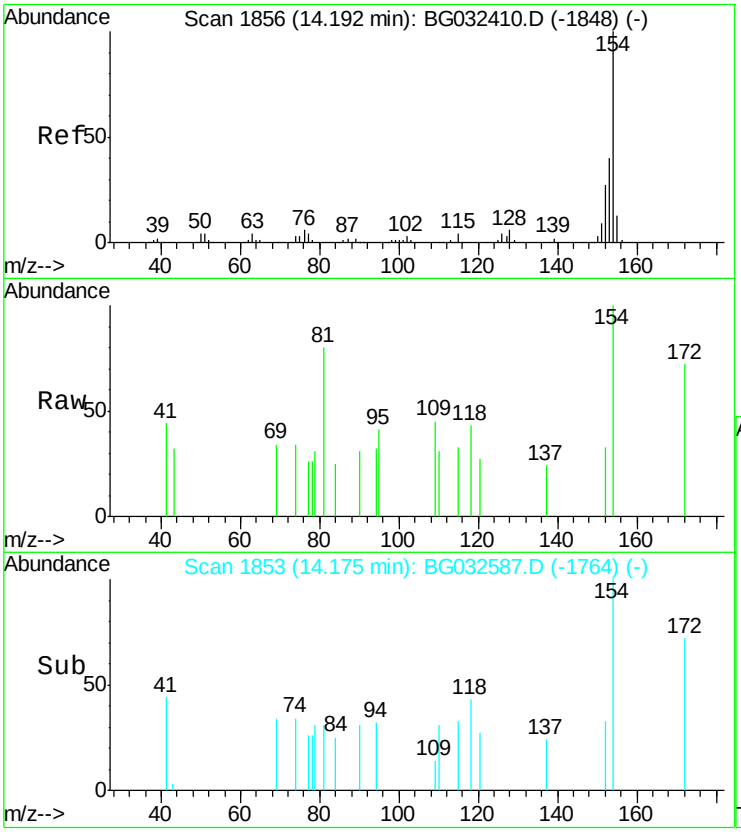


#44
2-Fluorobiphenyl
Concen: 74.710 ng
RT: 13.97 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:172 Resp: 379084

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.1	19.5	29.3



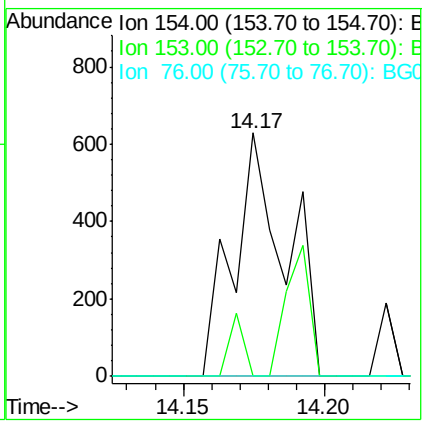


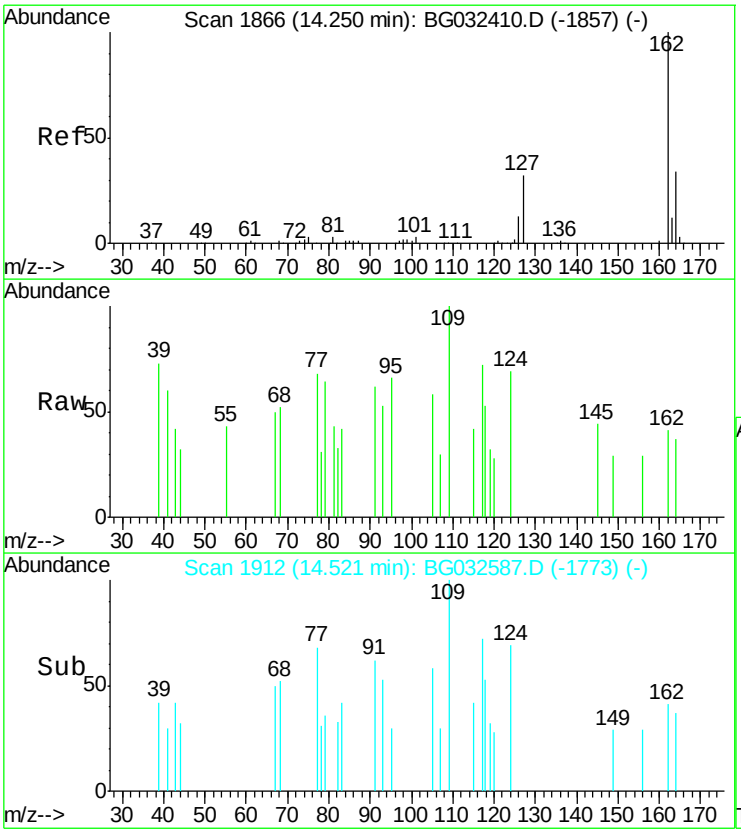
#45
1,1'-Biphenyl
Concen: 0.159 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:154 Resp: 809

Ion	Ratio	Lower	Upper
154	100		
153	0.0	19.8	59.8#
76	0.0	0.0	31.9

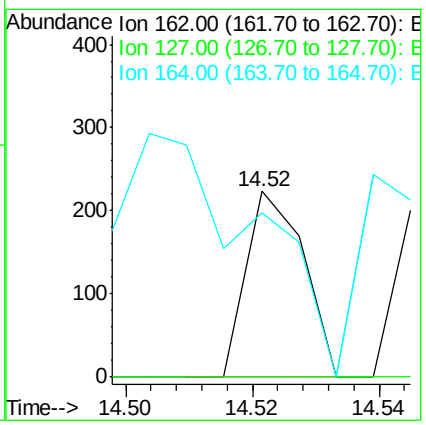


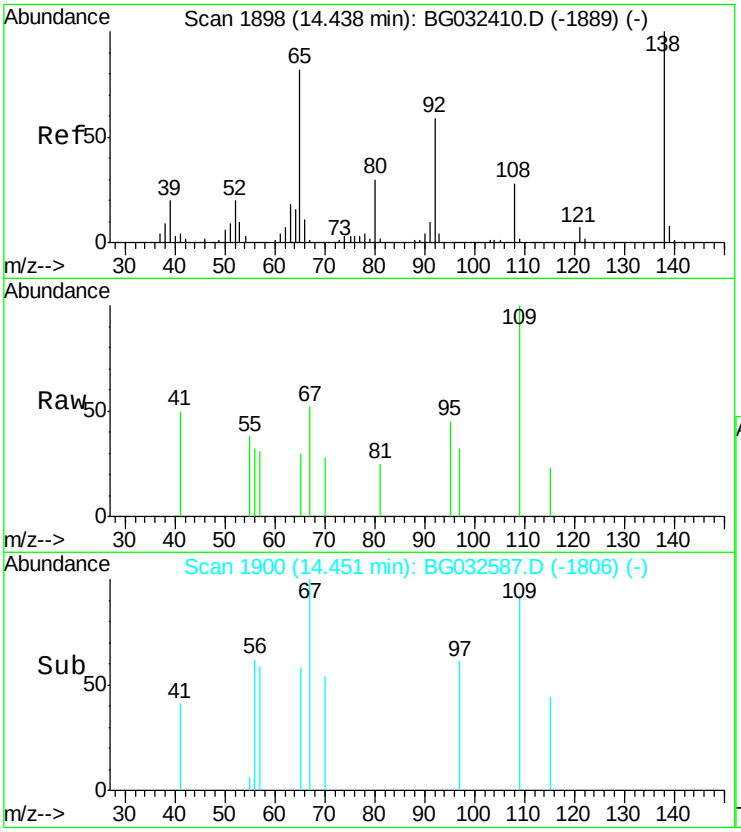


#46
2-Chloronaphthalene
Concen: 0.035 ng
RT: 14.52 min Scan# 1912
Delta R.T. 0.29 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:162 Resp: 138

Ion	Ratio	Lower	Upper
162	100		
127	0.0	30.7	46.1#
164	88.8	26.0	39.0#



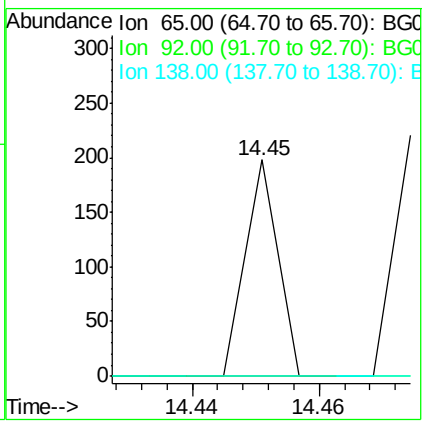


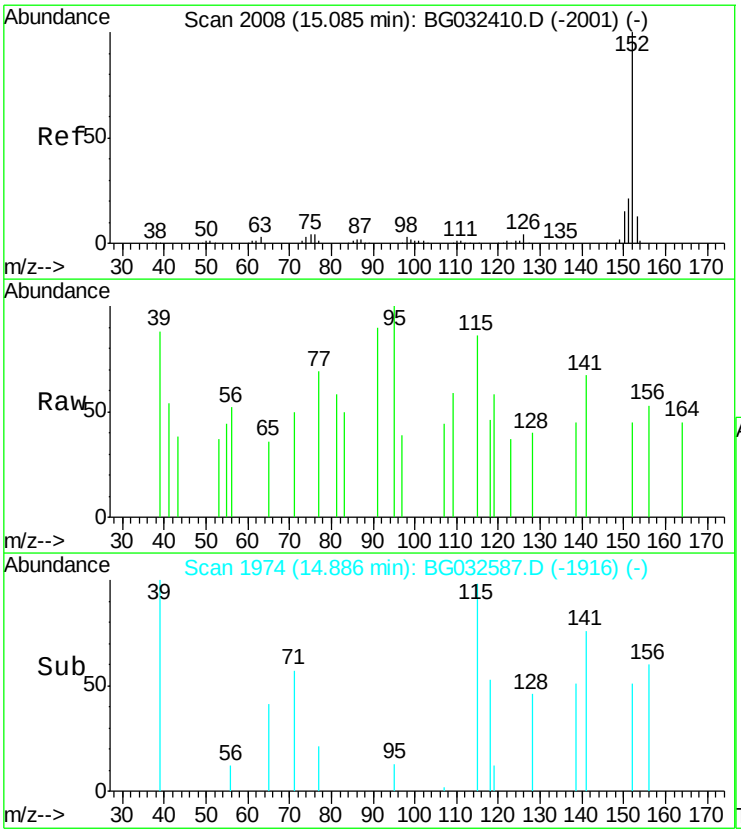
#47
2-Nitroaniline
Concen: 0.079 ng
RT: 14.45 min Scan# 1900
Delta R.T. 0.02 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion: 65 Resp: 70

Ion	Ratio	Lower	Upper
65	100		
92	0.0	54.6	82.0#
138	0.0	72.9	109.3#

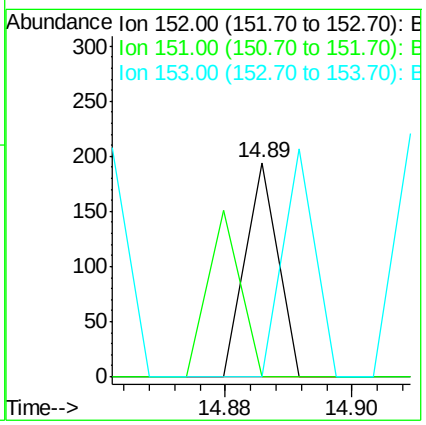


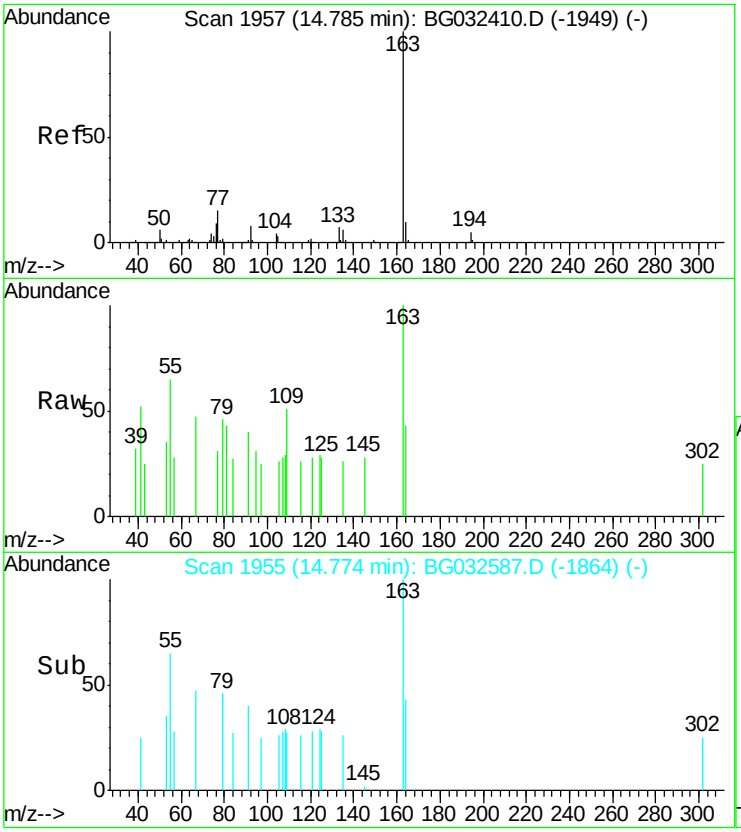


#48
Acenaphthylene
Concen: 0.011 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.19 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:152 Resp: 68

Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.2	25.8#
153	0.0	10.2	15.4#



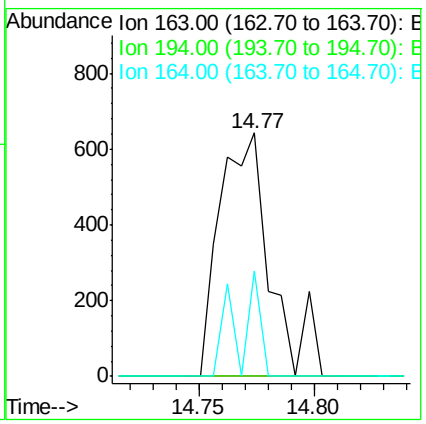


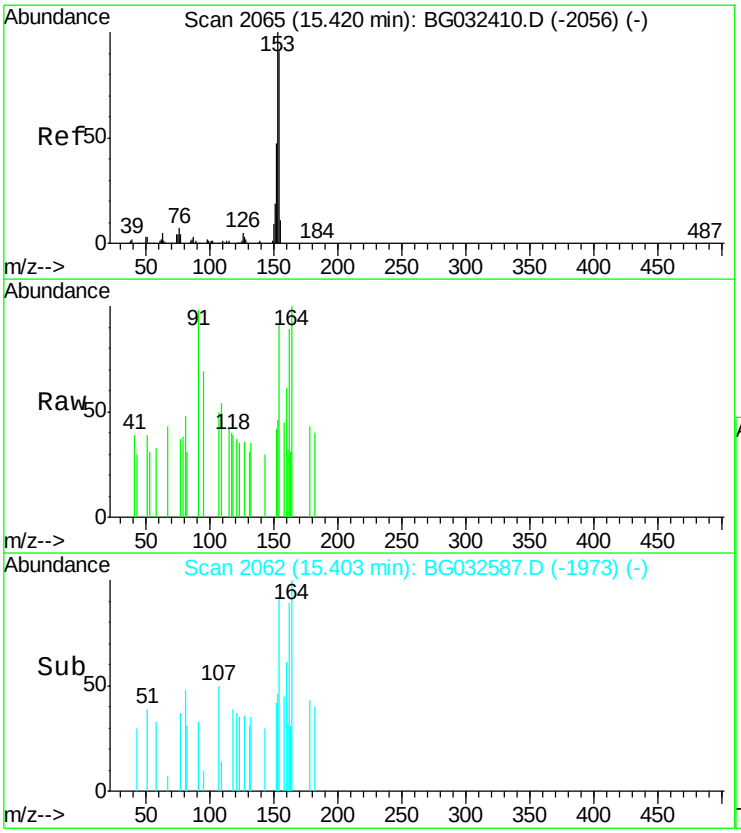
#49
Dimethylphthalate
Concen: 0.177 ng
RT: 14.77 min Scan# 1955
Delta R.T. 0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:163 Resp: 984

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.2#
164	43.1	8.2	12.4#

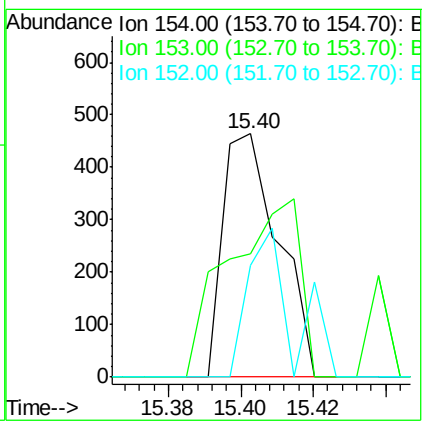


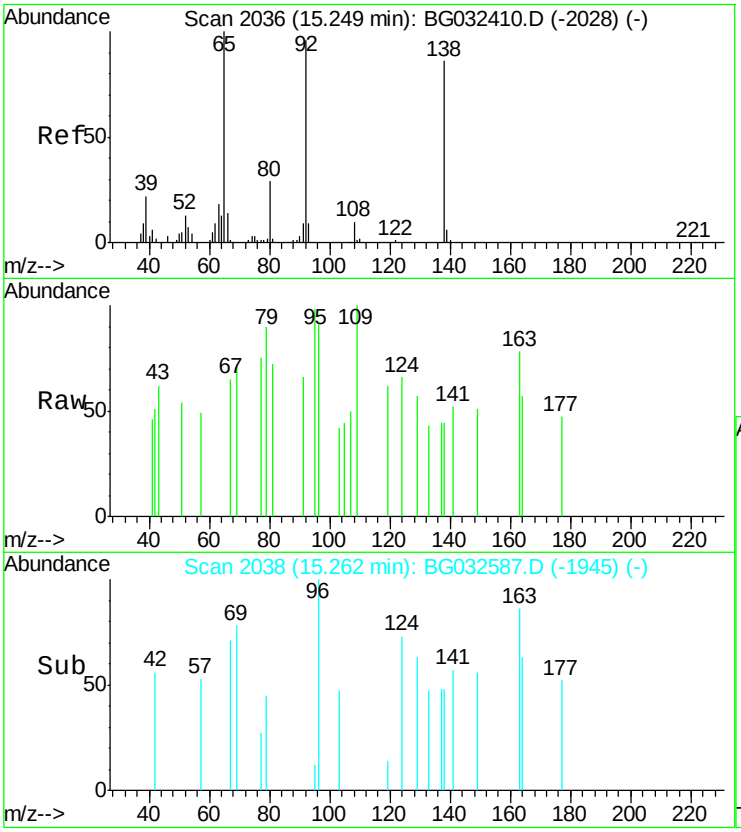


#51
Acenaphthene
Concen: 0.118 ng
RT: 15.40 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:154 Resp: 494

Ion	Ratio	Lower	Upper
154	100		
153	50.9	90.4	135.6#
152	46.1	41.6	62.4



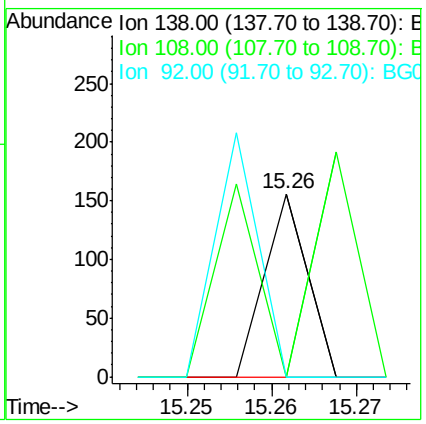


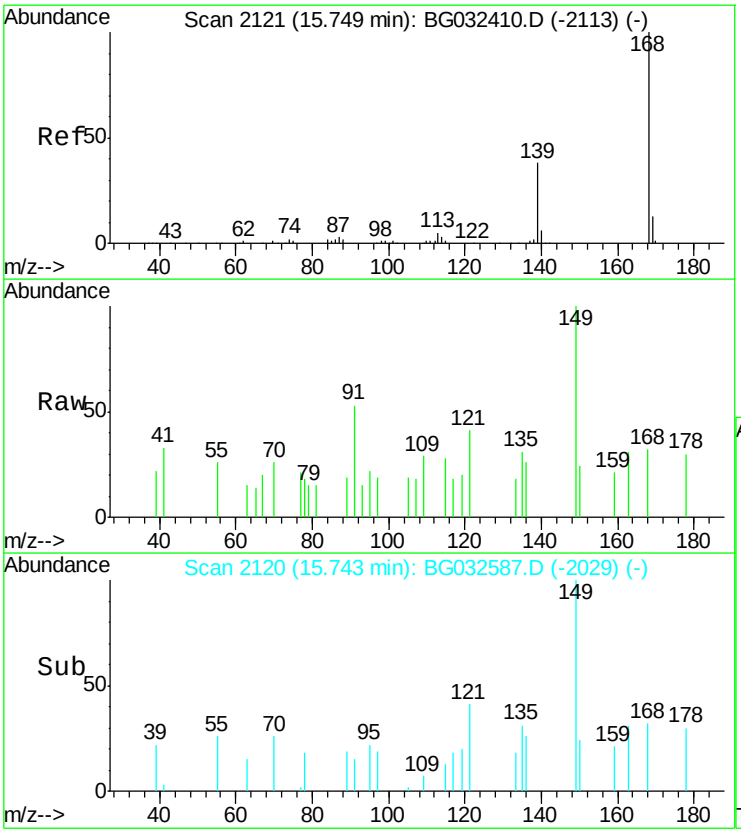
#52
3-Nitroaniline
Concen: 0.054 ng
RT: 15.26 min Scan# 2038
Delta R.T. 0.02 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:138 Resp: 55

Ion	Ratio	Lower	Upper
138	100		
108	0.0	17.5	26.3#
92	0.0	105.8	158.8#

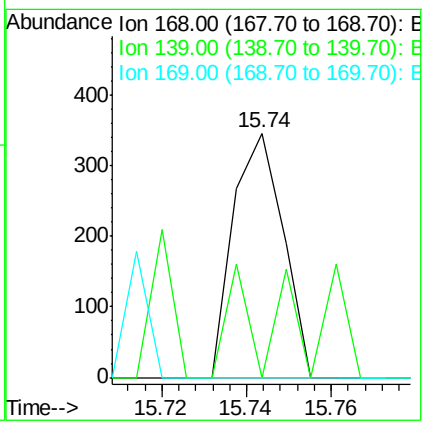


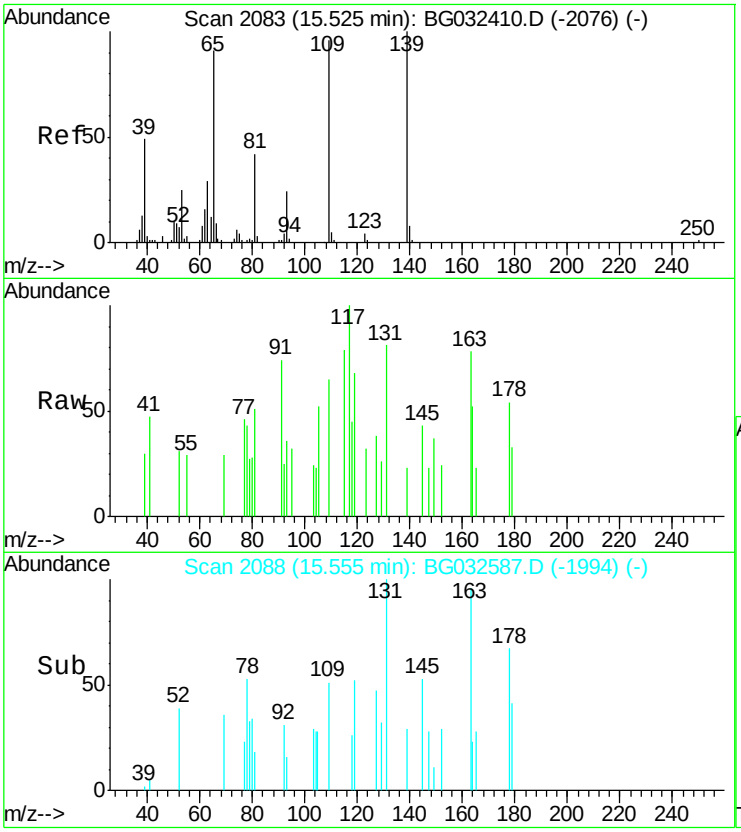


#54
Dibenzofuran
Concen: 0.046 ng
RT: 15.74 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:168 Resp: 283

Ion	Ratio	Lower	Upper
168	100		
139	0.0	28.6	43.0#
169	0.0	11.2	16.8#



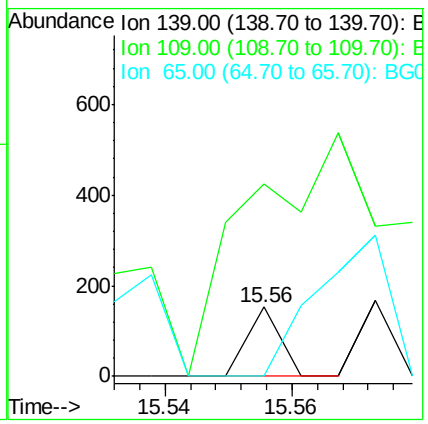


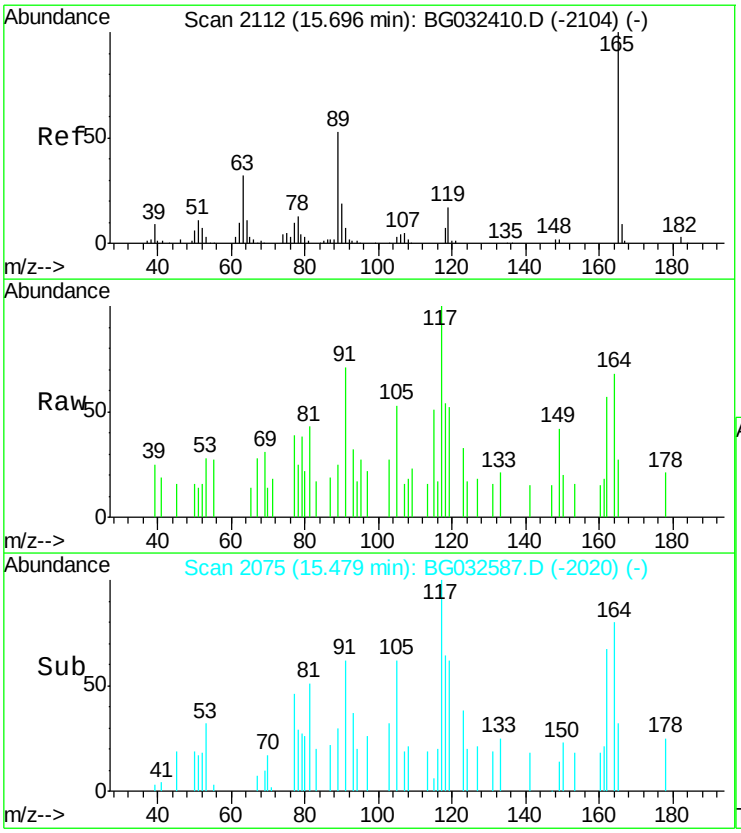
#55
4-Nitrophenol
Concen: 0.071 ng
RT: 15.56 min Scan# 2088
Delta R.T. 0.02 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:139 Resp: 54

Ion	Ratio	Lower	Upper
139	100		
109	277.8	62.2	102.2#
65	0.0	97.2	137.2#

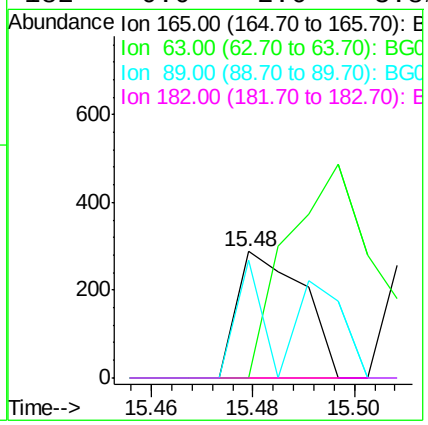


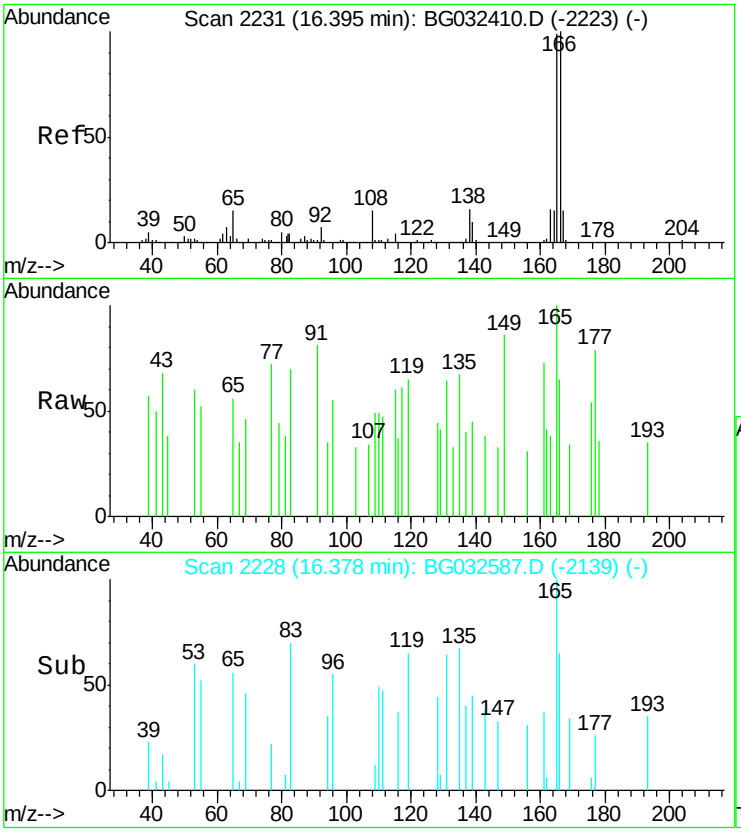


#56
2,4-Dinitrotoluene
Concen: 0.156 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.21 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:165 Resp: 260

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	92.7	66.9	100.3
182	0.0	2.6	3.8#



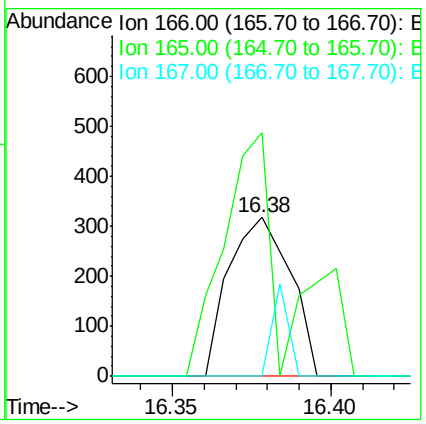


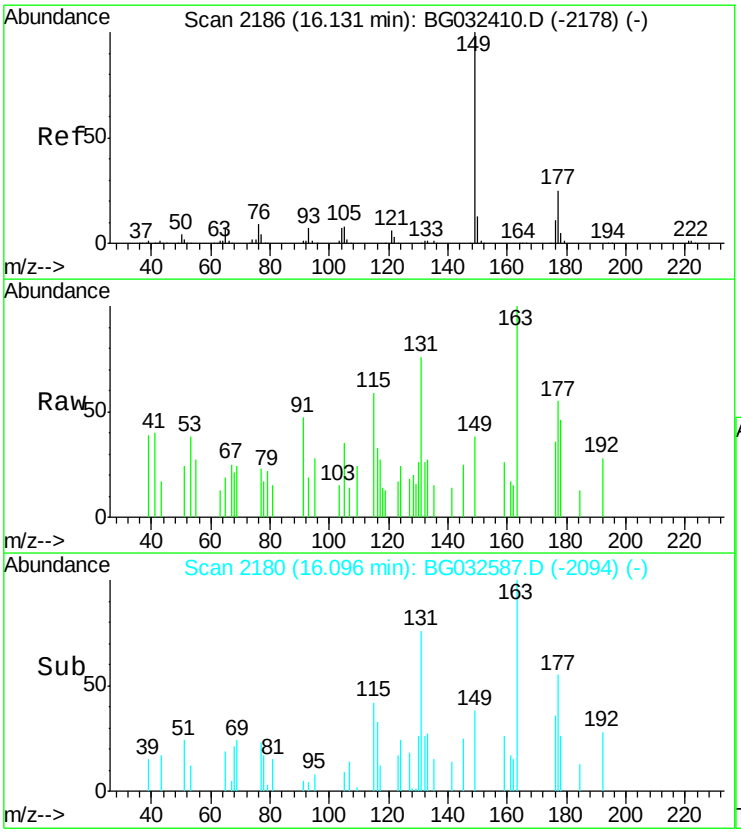
#57
Fluorene
Concen: 0.083 ng
RT: 16.38 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:166 Resp: 427

Ion	Ratio	Lower	Upper
166	100		
165	153.1	80.6	121.0#
167	0.0	10.4	15.6#

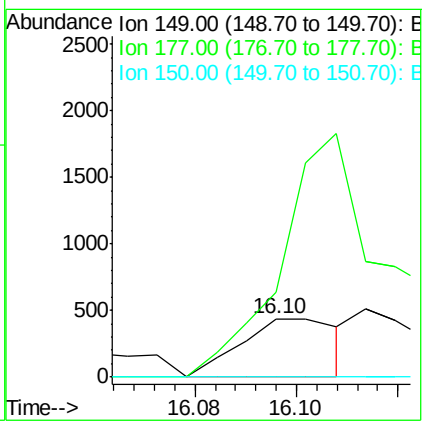


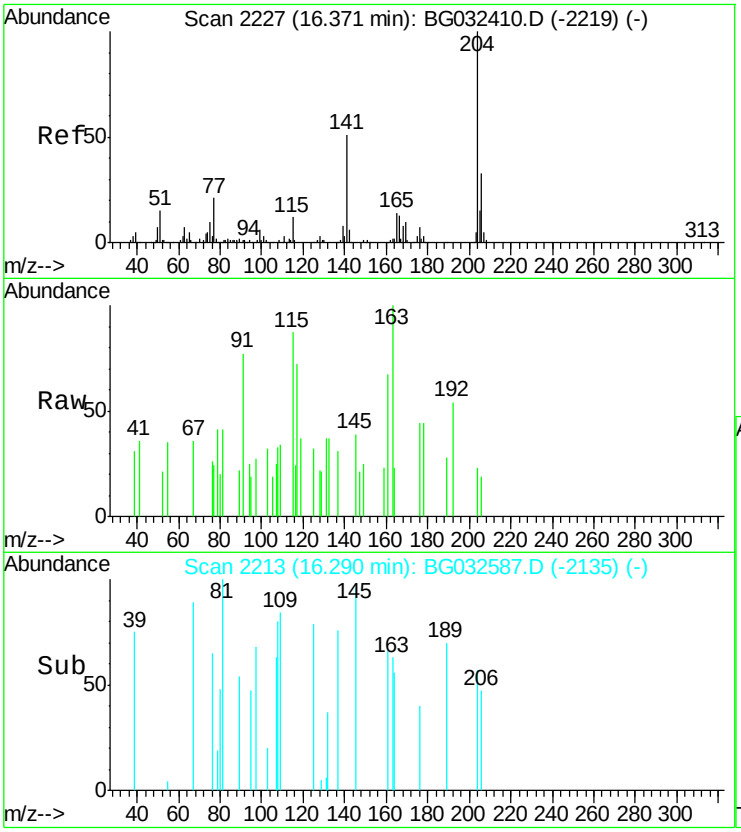


#59
Diethylphthalate
Concen: 0.109 ng
RT: 16.10 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:149 Resp: 590

Ion	Ratio	Lower	Upper
149	100		
177	146.6	18.5	27.7#
150	0.0	10.2	15.2#



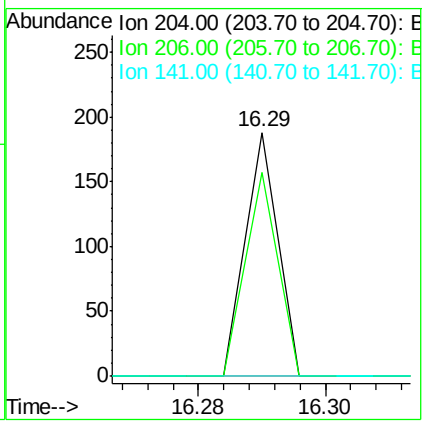


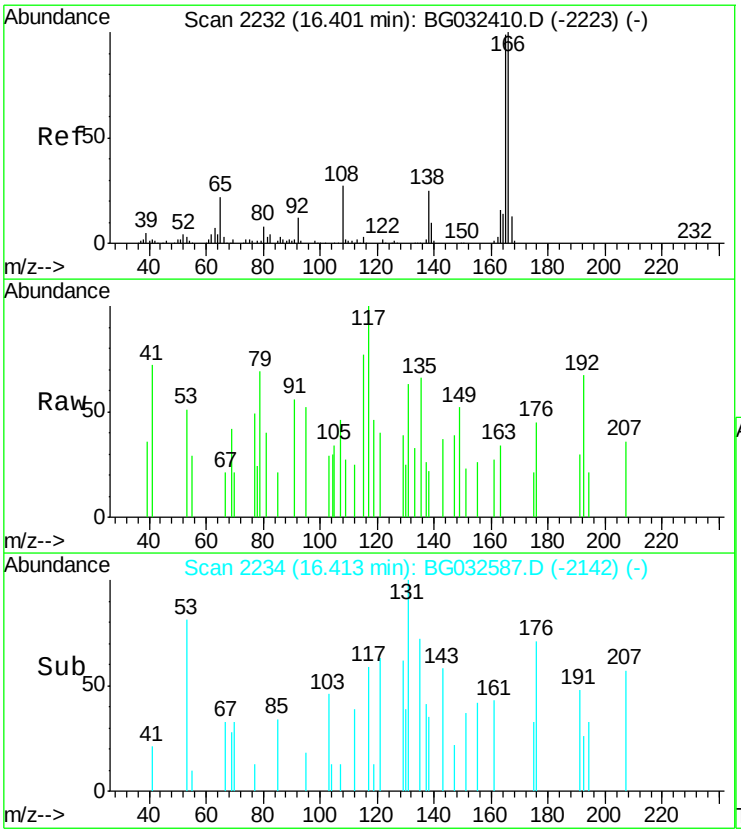
#60
4-Chlorophenyl-phenylether
Concen: 0.020 ng
RT: 16.29 min Scan# 2213
Delta R.T. -0.07 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:204 Resp: 66

Ion	Ratio	Lower	Upper
204	100		
206	83.5	26.2	39.2#
141	0.0	45.8	68.6#

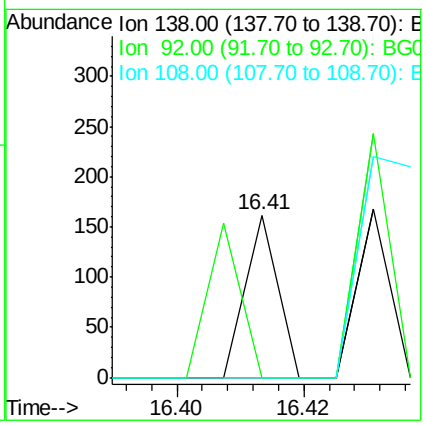


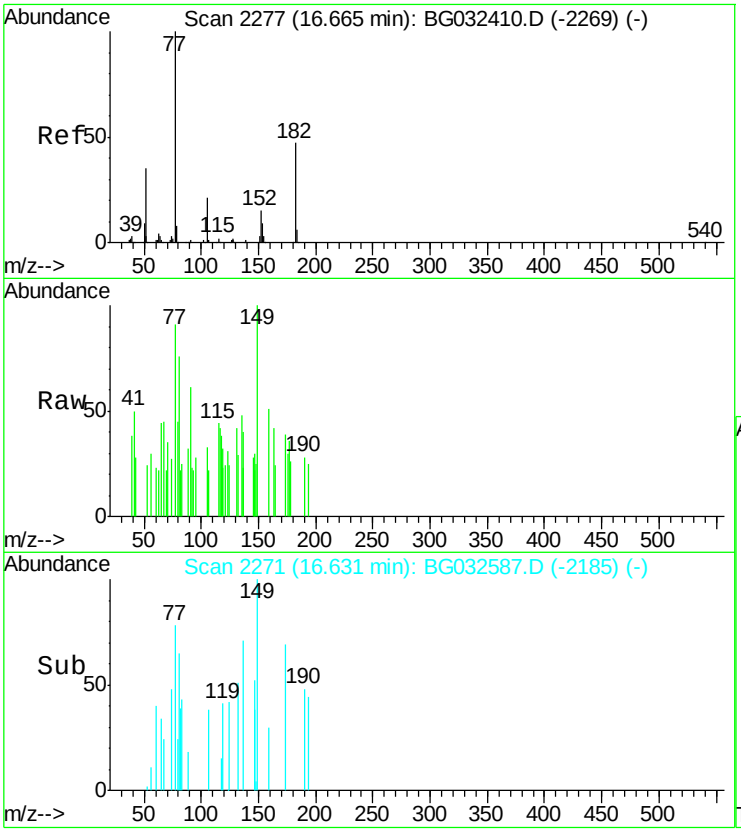


#61
4-Nitroaniline
Concen: 0.052 ng
RT: 16.41 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:138 Resp: 57

Ion	Ratio	Lower	Upper
138	100		
92	0.0	40.1	80.1#
108	0.0	65.4	105.4#



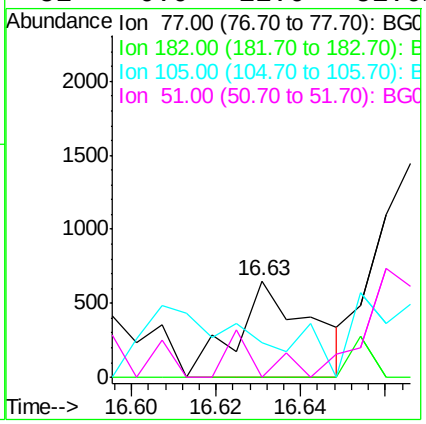


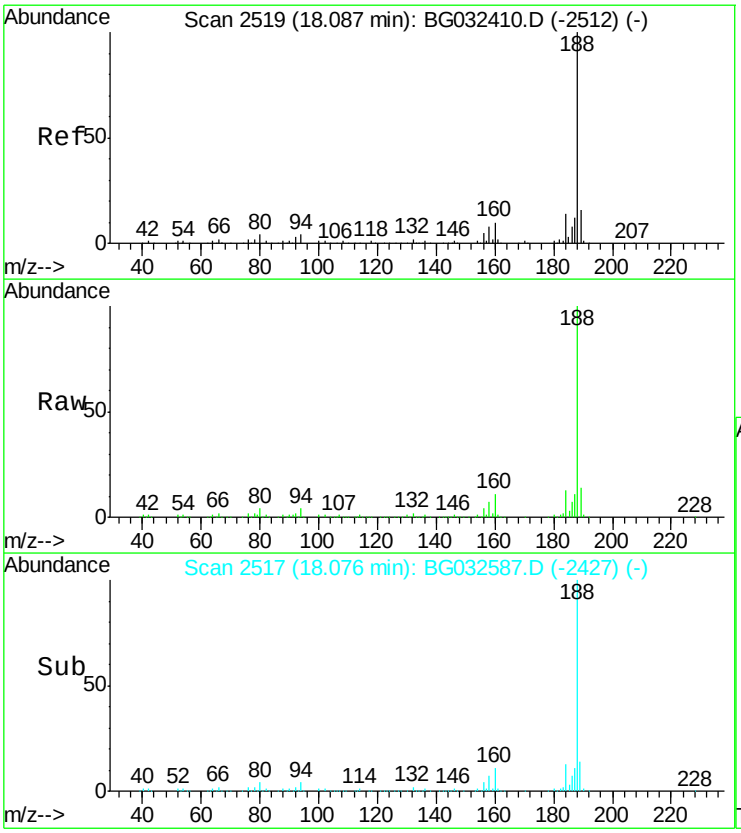
#62
Azobenzene
Concen: 0.244 ng
RT: 16.63 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion: 77 Resp: 790

Ion	Ratio	Lower	Upper
77	100		
182	0.0	7.4	47.4#
105	36.6	0.3	40.3
51	0.0	11.6	51.6#

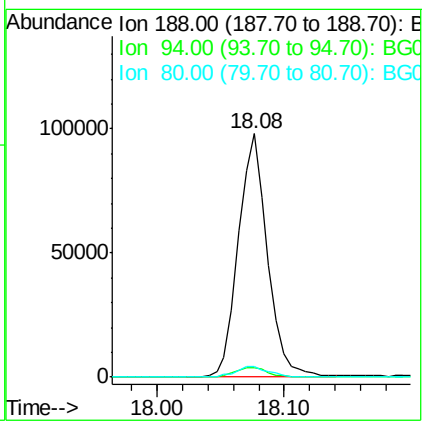


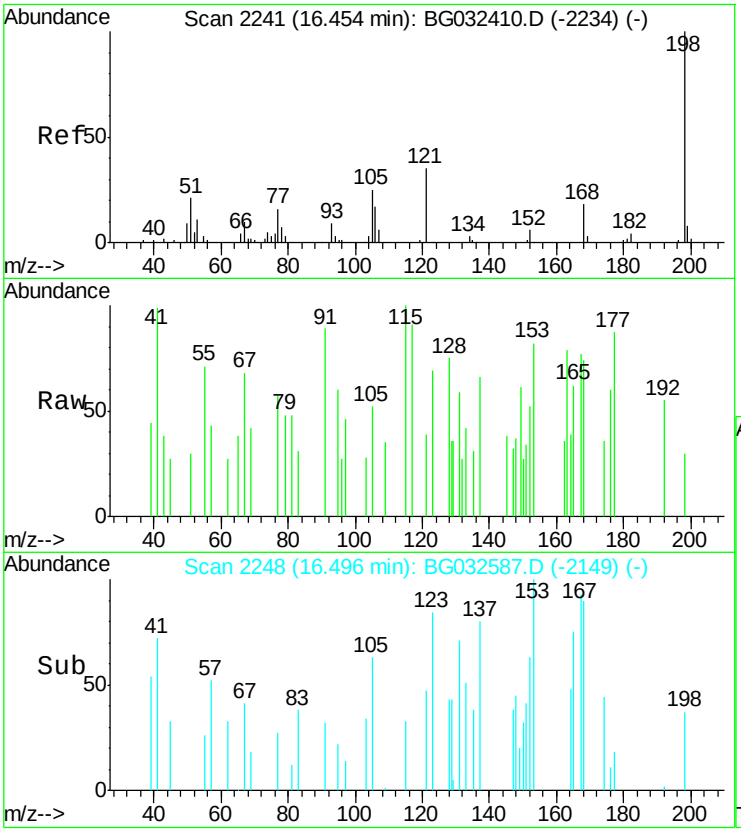


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:188 Resp: 155682

Ion	Ratio	Lower	Upper
188	100		
94	4.6	6.9	10.3#
80	4.4	7.7	11.5#



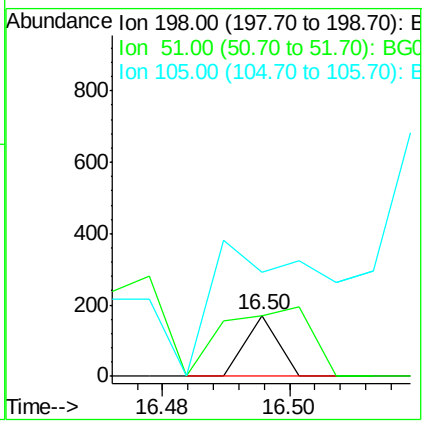


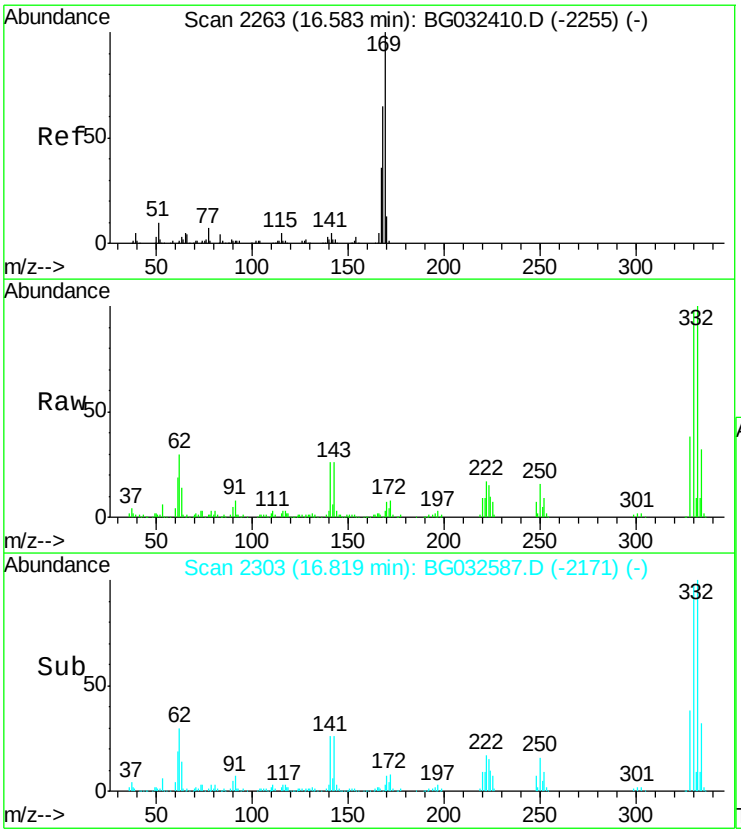
#64
4,6-Dinitro-2-methylphenol
Concen: 0.052 ng
RT: 16.50 min Scan# 2248
Delta R.T. 0.05 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:198 Resp: 60

Ion	Ratio	Lower	Upper
198	100		
51	100.0	30.6	70.6#
105	171.2	23.8	63.8#

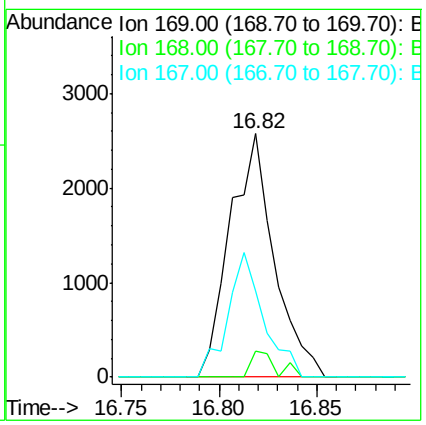


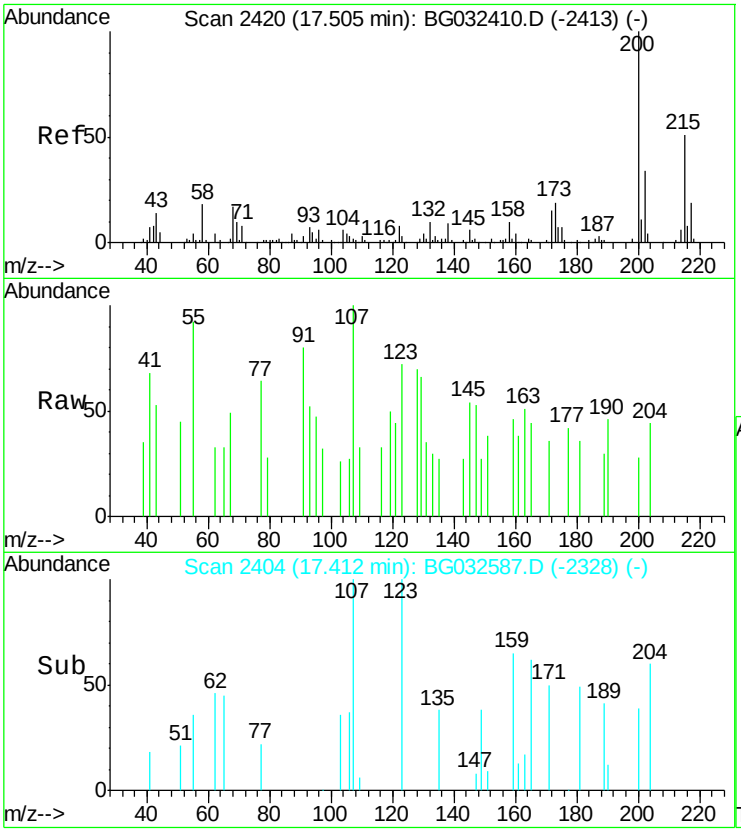


#65
n-Nitrosodiphenylamine
Concen: 0.868 ng
RT: 16.82 min Scan# 2303
Delta R.T. 0.25 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:169 Resp: 4034

Ion	Ratio	Lower	Upper
169	100		
168	10.7	55.7	83.5#
167	35.4	30.1	45.1



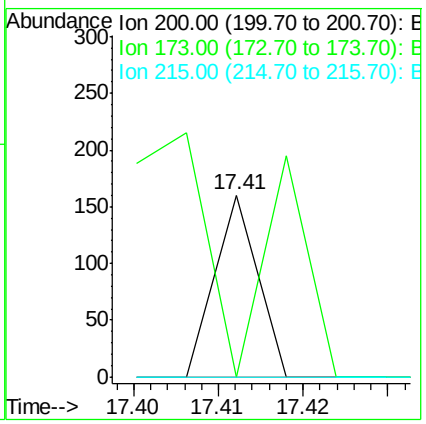


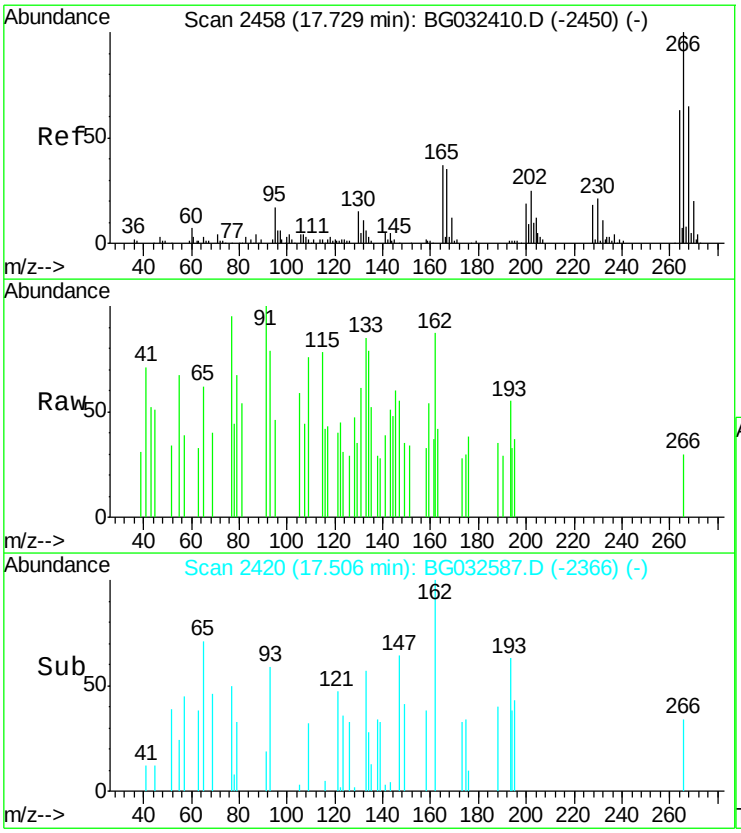
#68
Atrazine
Concen: 0.028 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.08 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:200 Resp: 56

Ion	Ratio	Lower	Upper
200	100		
173	0.0	5.2	45.2#
215	0.0	30.4	70.4#

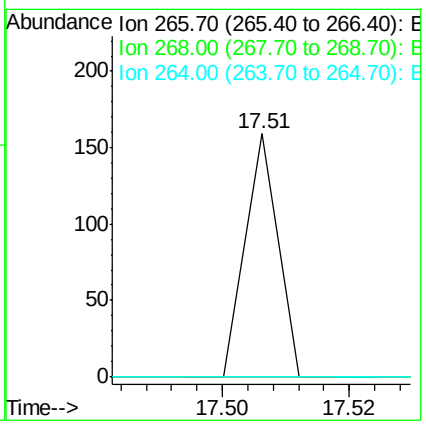


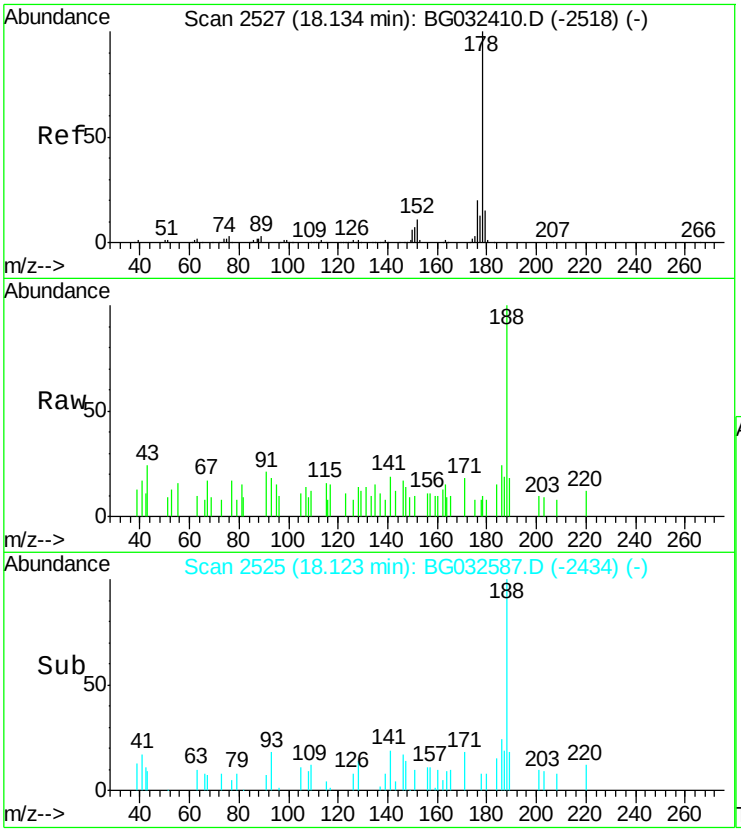


#69
Pentachlorophenol
Concen: 0.035 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.21 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:266 Resp: 56

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	0.0	49.6	74.4#



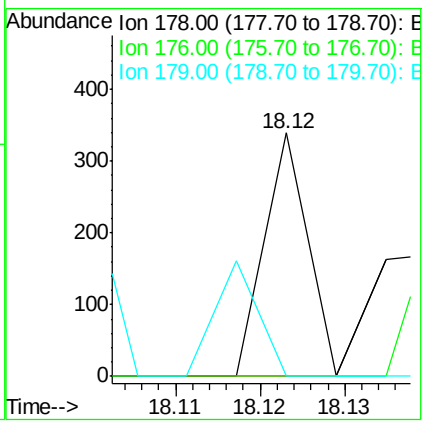


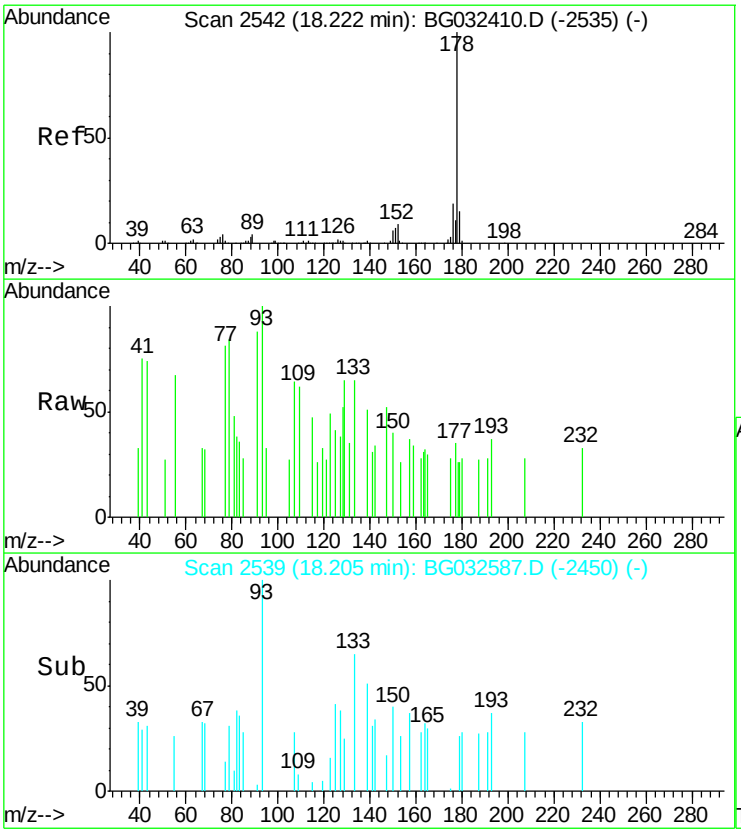
#70
Phenanthrene
Concen: 0.014 ng
RT: 18.12 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:178 Resp: 120

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.7	23.5#
179	0.0	12.5	18.7#

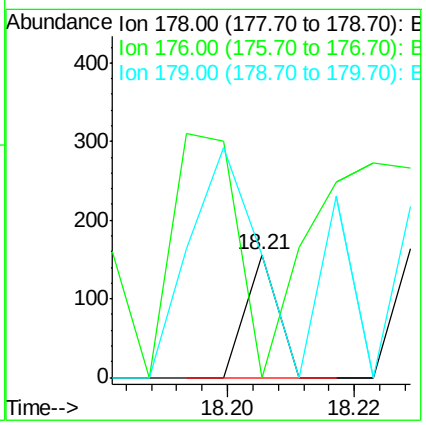


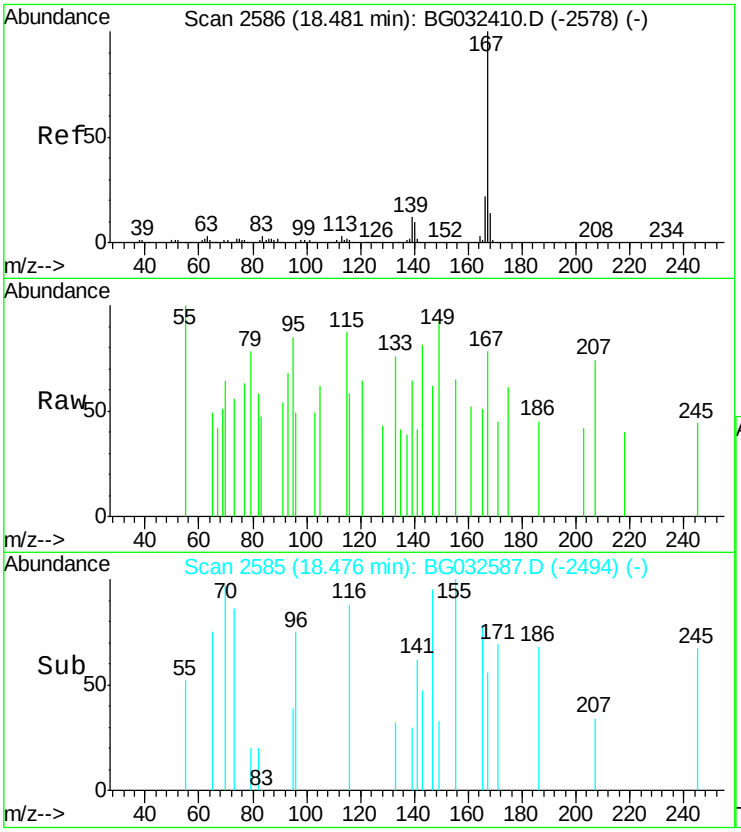


#71
Anthracene
Concen: 0.006 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:178 Resp: 55

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.0	24.0#
179	99.4	12.5	18.7#



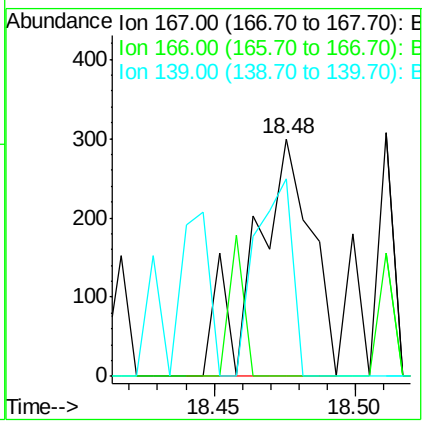


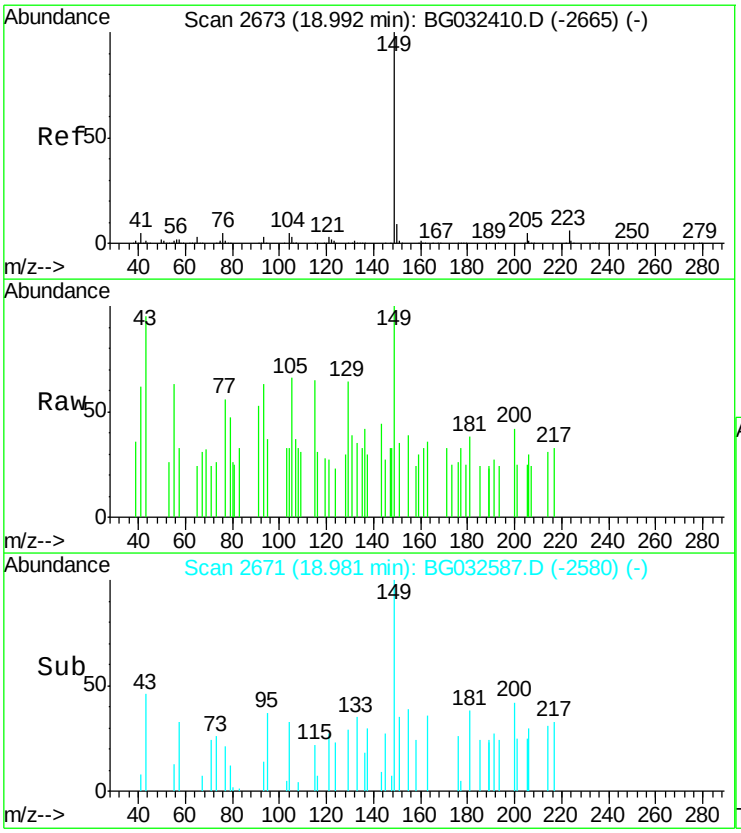
#72
Carbazole
Concen: 0.055 ng
RT: 18.48 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:167 Resp: 418

Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.2	27.4#
139	83.0	9.4	14.2#

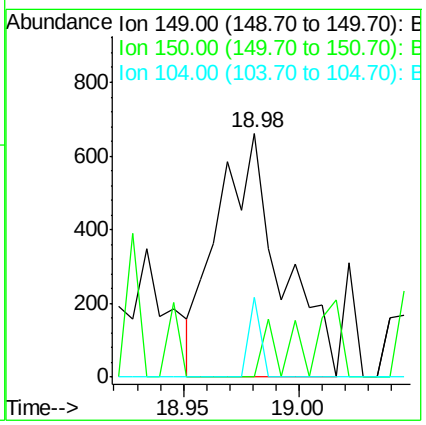


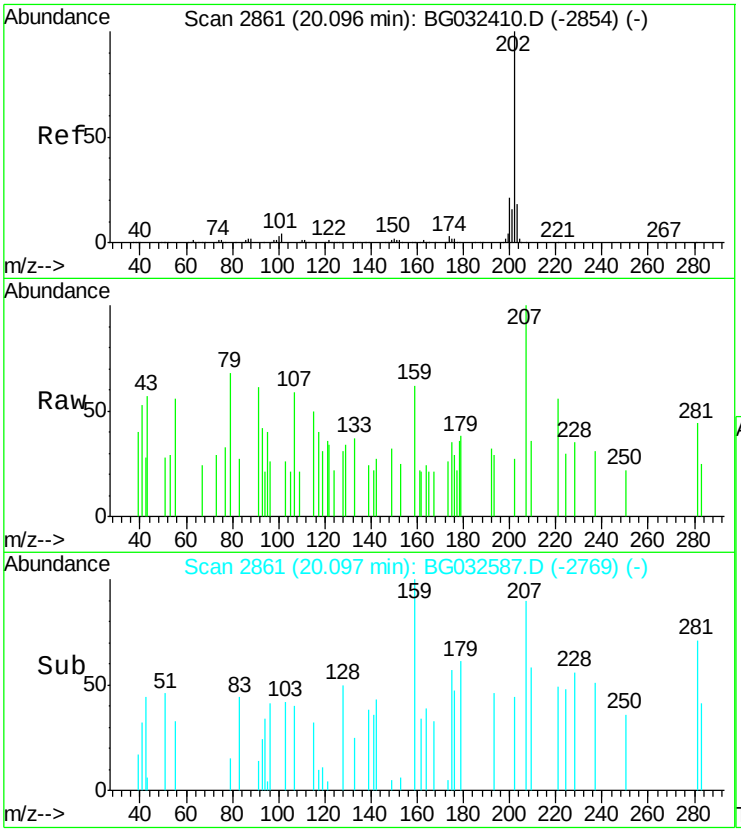


#73
Di-n-butylphthalate
Concen: 0.149 ng
RT: 18.98 min Scan# 2671
Delta R.T. 0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:149 Resp: 1260

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	33.0	3.9	5.9#



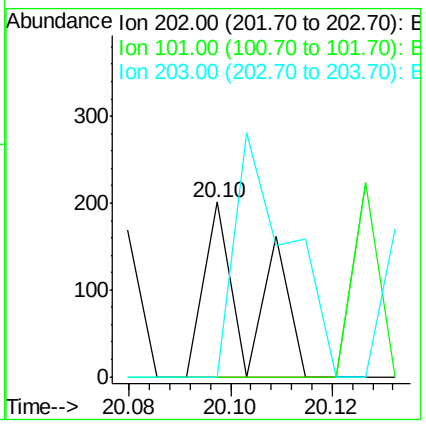


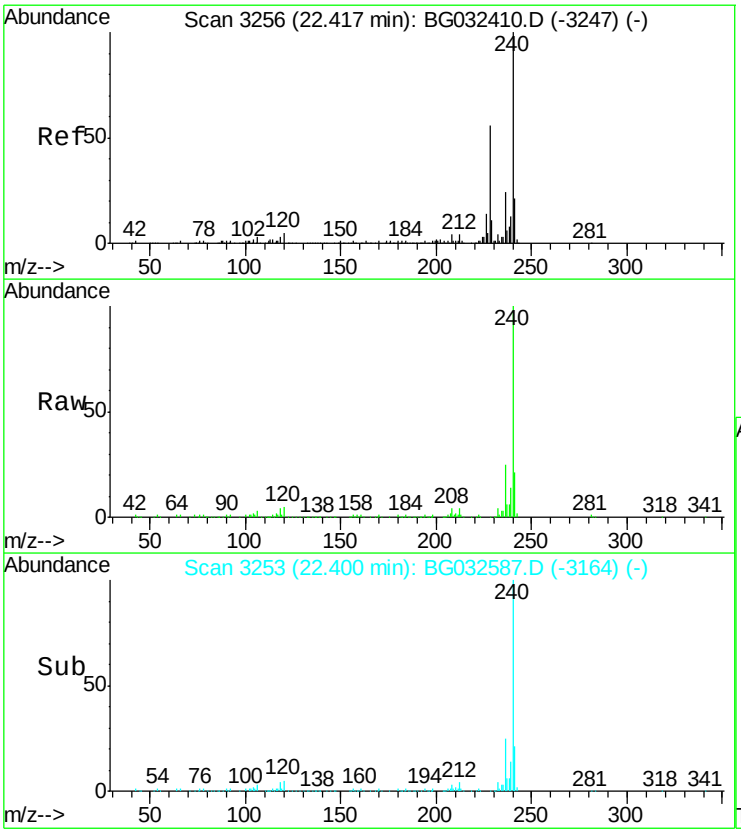
#74
Fluoranthene
Concen: 0.011 ng
RT: 20.10 min Scan# 2861
Delta R.T. 0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:202 Resp: 128

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.9
203	0.0	0.0	37.5

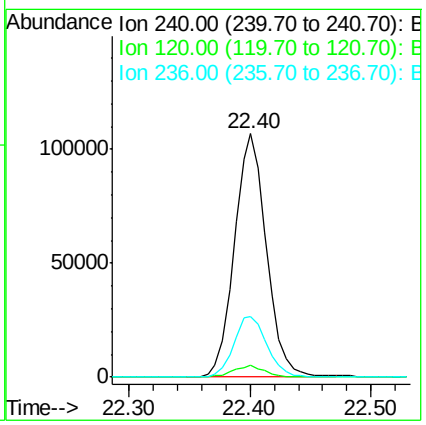


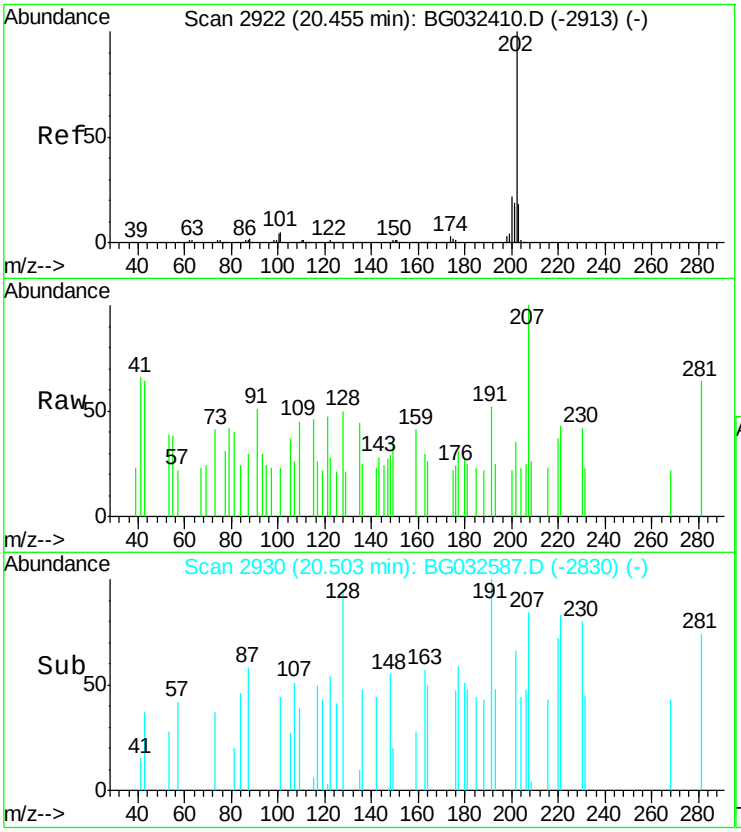


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:240 Resp: 196651

Ion	Ratio	Lower	Upper
240	100		
120	5.1	6.8	10.2#
236	25.0	20.9	31.3



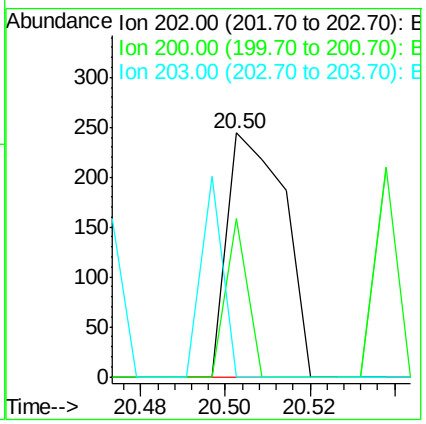


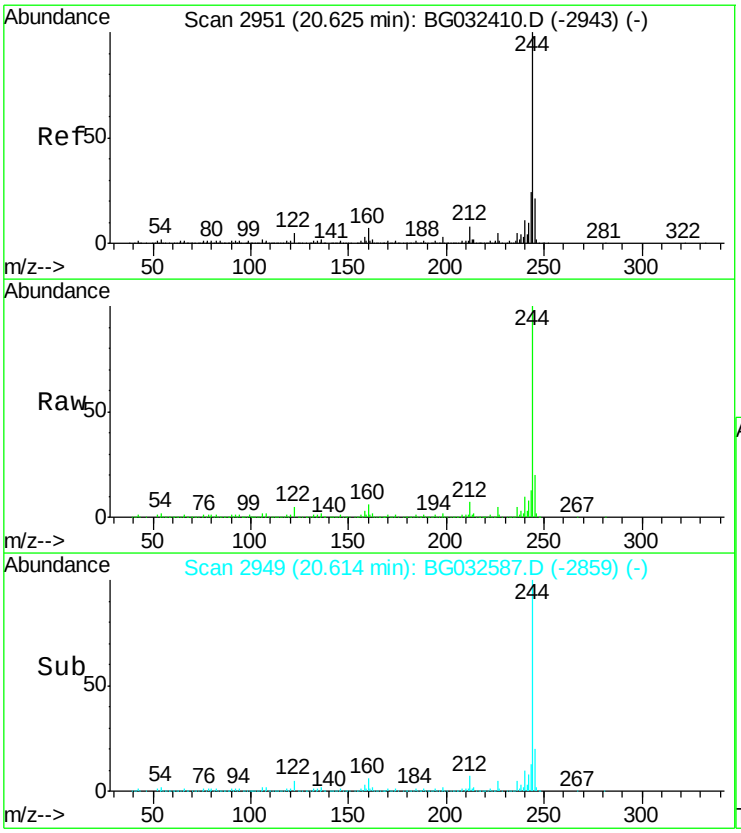
#77
Pyrene
Concen: 0.019 ng
RT: 20.50 min Scan# 2930
Delta R.T. 0.06 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:202 Resp: 228

Ion	Ratio	Lower	Upper
202	100		
200	64.8	16.9	25.3#
203	0.0	13.9	20.9#

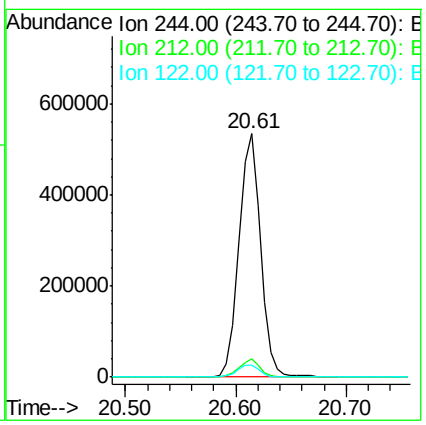


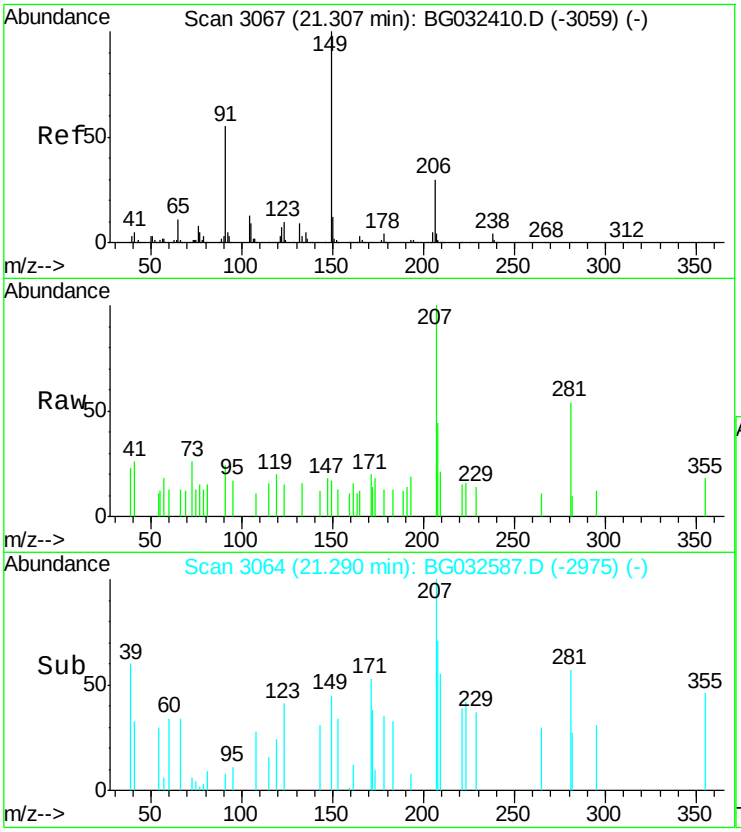


#78
Terphenyl-d14
Concen: 80.297 ng
RT: 20.61 min Scan# 2949
Delta R.T. 0.00 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:244 Resp: 737153

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	5.0	7.0	10.4#



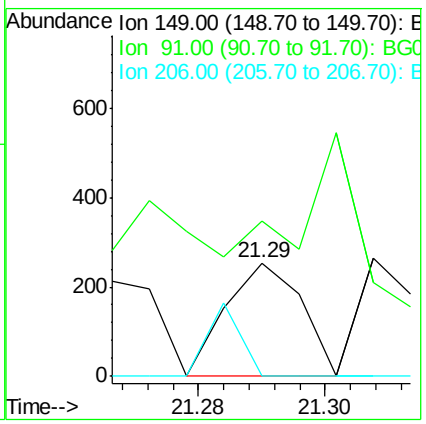


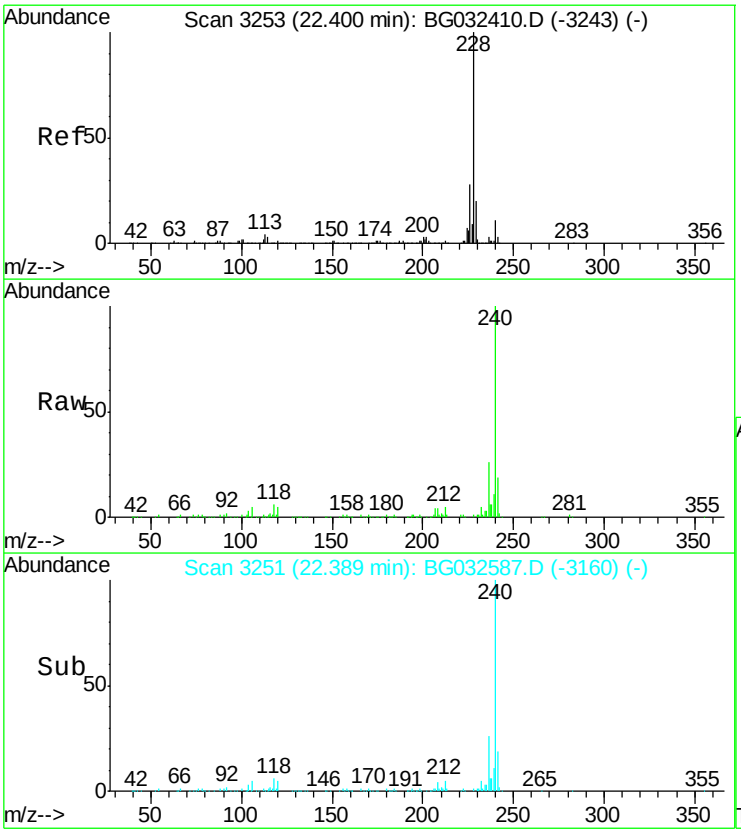
#79
Butylbenzylphthalate
Concen: 0.055 ng
RT: 21.29 min Scan# 3064
Delta R.T. -0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:149 Resp: 208

Ion	Ratio	Lower	Upper
149	100		
91	137.2	62.2	93.2#
206	0.0	18.6	27.8#

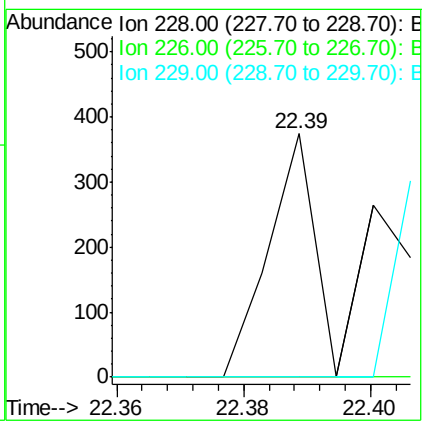


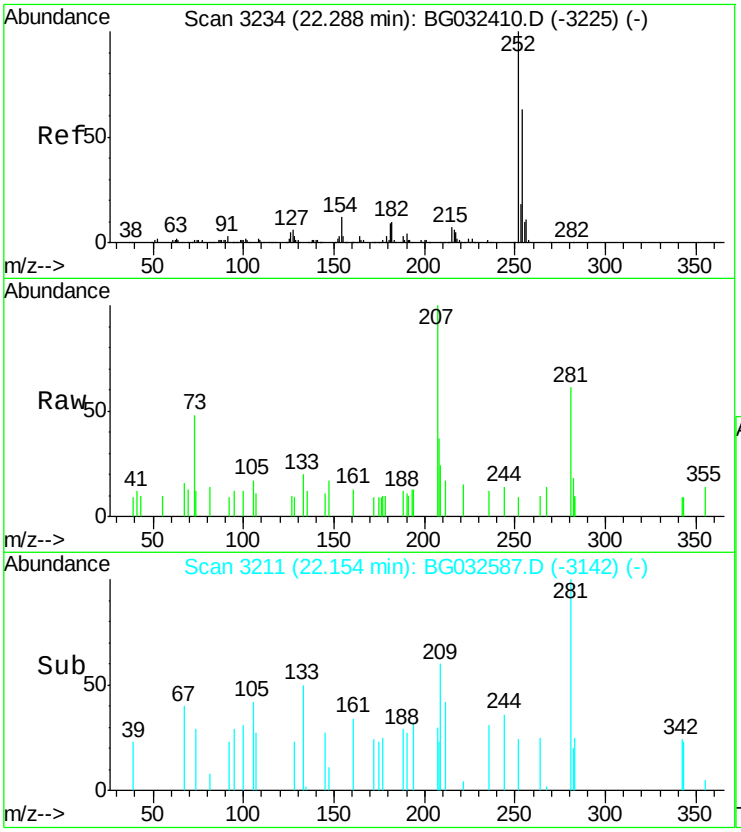


#80
Benzo(a)anthracene
Concen: 0.016 ng
RT: 22.39 min Scan# 3251
Delta R.T. 0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:228 Resp: 189

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.7	34.1#
229	0.0	16.2	24.2#



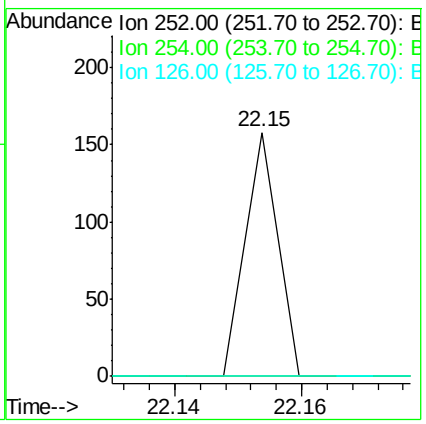


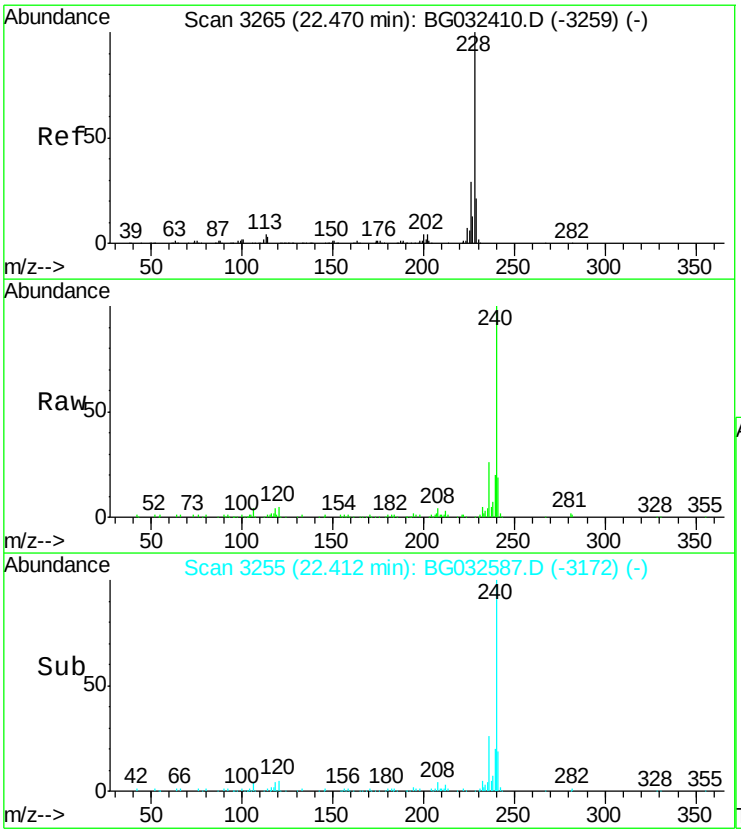
#81
3,3'-Dichlorobenzidine
Concen: 0.012 ng
RT: 22.15 min Scan# 3211
Delta R.T. -0.12 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:252 Resp: 56

Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.8	76.2#
126	0.0	7.4	11.2#

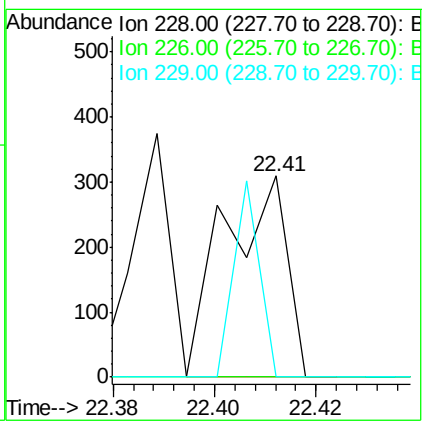


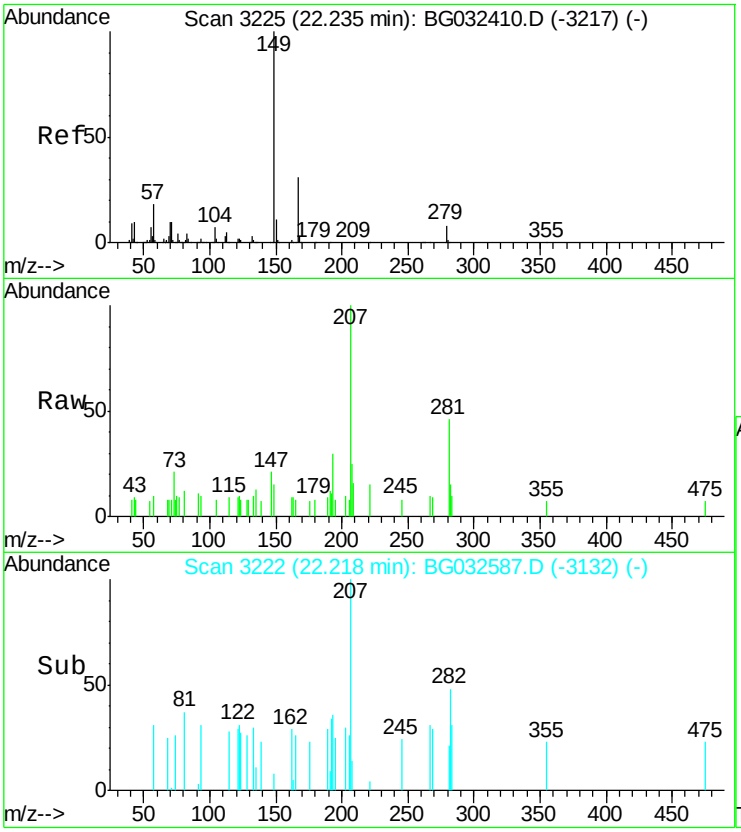


#82
Chrysene
Concen: 0.023 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.04 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:228 Resp: 267

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.0	22.4#



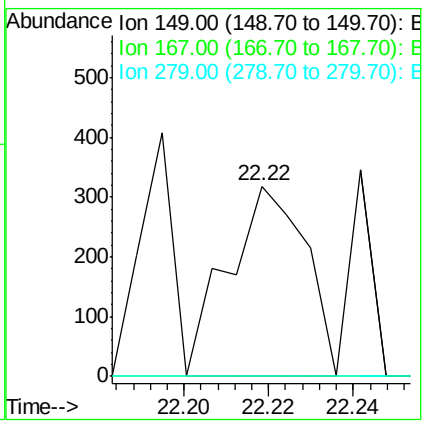


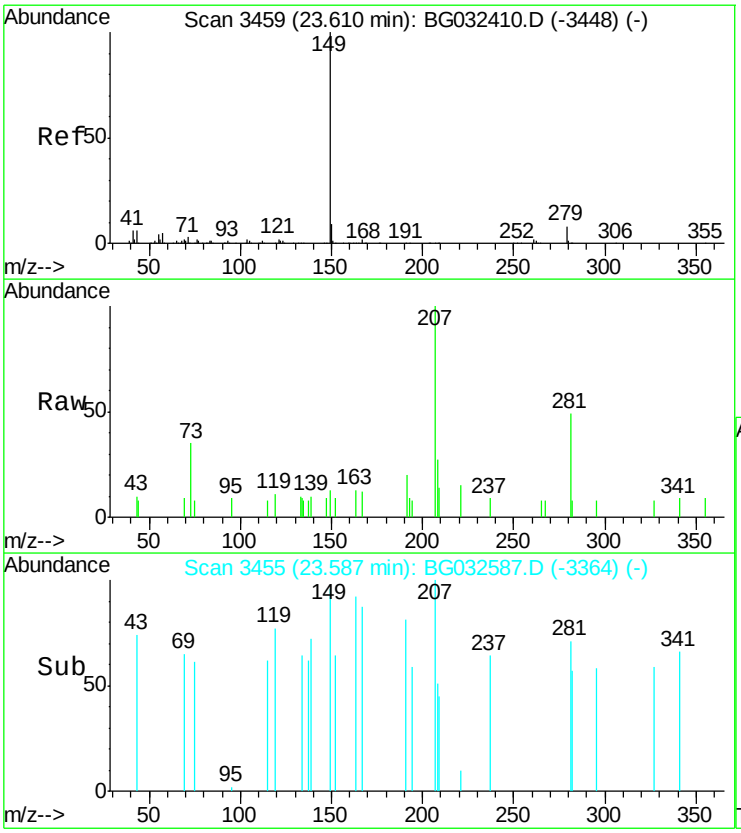
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.075 ng
RT: 22.22 min Scan# 3222
Delta R.T. 0.00 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:149 Resp: 407

Ion	Ratio	Lower	Upper
149	100		
167	0.0	24.3	36.5#
279	0.0	4.0	6.0#

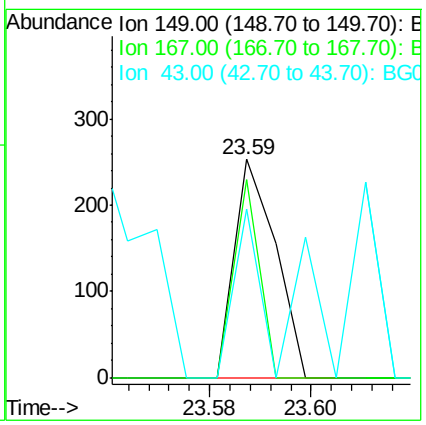


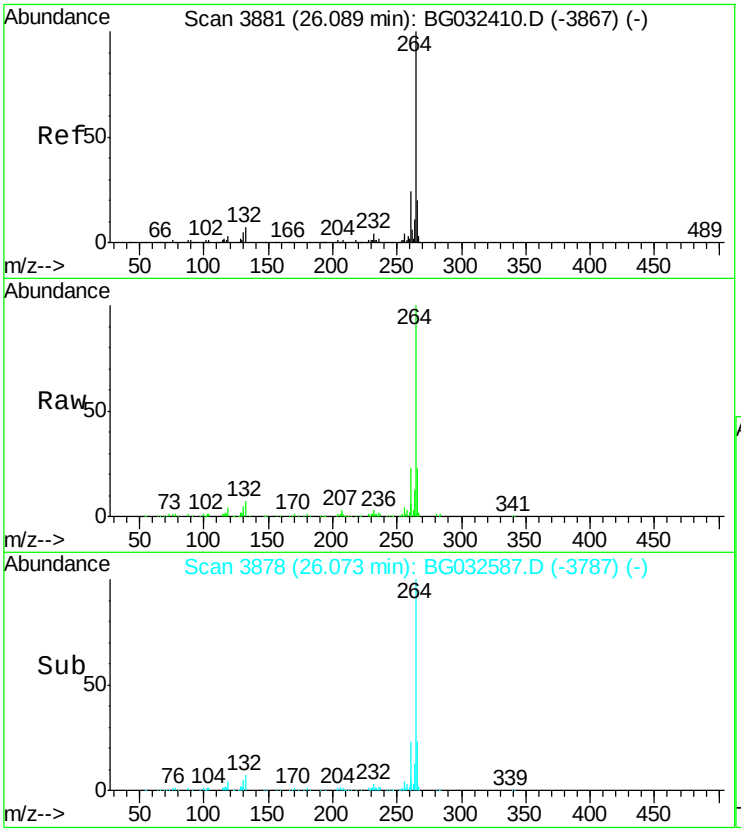


#84
Di-n-octyl phthalate
Concen: 0.017 ng
RT: 23.59 min Scan# 3455
Delta R.T. 0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:149 Resp: 144

Ion	Ratio	Lower	Upper
149	100		
167	56.3	1.4	2.0#
43	47.9	8.9	13.3#



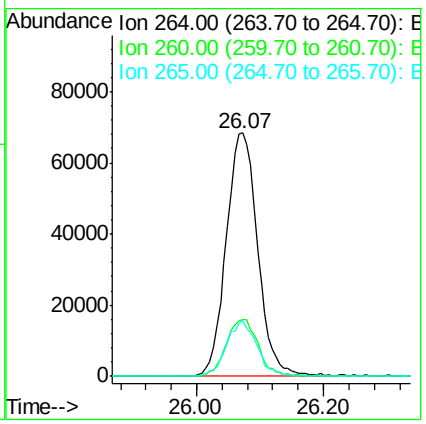


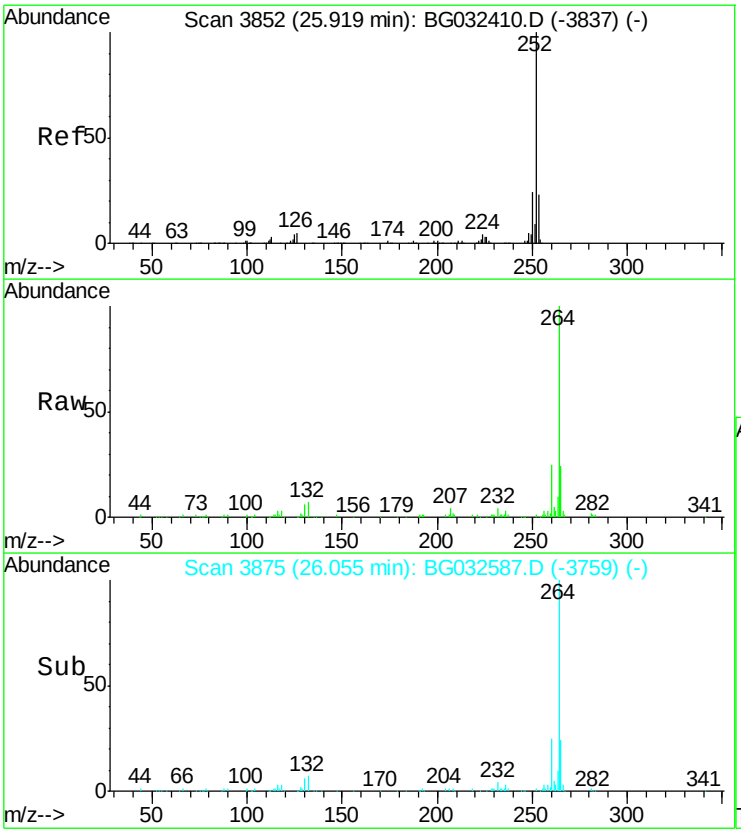
#86
Perylene-d12
Concen: 20.000 ng
RT: 26.07 min Scan# 3878
Delta R.T. 0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tgt Ion:264 Resp: 234589

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.9	17.7	26.5





#89
Benzo(a)pyrene
Concen: 0.019 ng
RT: 26.05 min Scan# 3875
Delta R.T. 0.15 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:252 Resp: 250

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	0.0	7.3	10.9#