Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032589.D
Acq On : 7 Feb 2018 8:04
Operator : SJ/JU
Sample : J1455-09
Misc : MDL-W-8 ppm
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-04-B

Quant Time: Feb 07 10:06:03 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	19306	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	77012	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	66577	20.00	ng	0.00
63) Phenanthrene-d10	18.07	188	165456	20.00	ng	0.00
75) Chrysene-d12	22.40	240	204444	20.00	ng	0.00
86) Perylene-d12	26.07	264	221102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	61955	64.46	ng	0.00
7) Phenol-d6	7.83	99	43342	33.79	ng	0.00
23) Nitrobenzene-d5	9.91	82	126510	102.61	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	184078	145.25	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	478600	85.44	ng	0.00
78) Terphenyl-d14	20.61	244	878163	92.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.96	88	54	0.167	ng	# 11
4) n-Nitrosodimethylamine	3.80	42	57	0.125	ng	# 1
6) Aniline	8.20	93	68	0.043	ng	# 1
8) 2-Chlorophenol	8.17	128	60	0.053	ng	# 29
10) Phenol	7.86	94	302	0.248	ng	# 37
11) bis(2-Chloroethyl)ether	8.20	93	68	0.073	ng	# 55
12) 1,3-Dichlorobenzene	8.13	146	56	0.036	ng	# 26
15) Benzyl Alcohol	9.04	79	1758	1.663	ng	# 7
22) Acetophenone	9.52	105	804	0.445	ng	# 50
24) Nitrobenzene	9.92	77	350	0.294	ng	# 20
25) Isophorone	10.46	82	177	0.084	ng	# 69
26) 2-Nitrophenol	11.14	139	62	0.086	ng	# 29
31) Naphthalene	11.65	128	57	0.015	ng	# 68
35) Caprolactam	12.57	113	56	0.142	ng	# 48
36) 4-Chloro-3-methylphenol	12.83	107	164	0.126	ng	# 22
37) 2-Methylnaphthalene	13.42	142	640	0.203	ng	# 75
45) 1,1'-Biphenyl	14.18	154	769	0.137	ng	87
46) 2-Chloronaphthalene	14.38	162	150	0.034	ng	# 39
47) 2-Nitroaniline	14.45	65	66	0.068	ng	# 9
48) Acenaphthylene	14.95	152	60	0.009	ng	# 1
49) Dimethylphthalate	14.77	163	2760	0.450	ng	# 80
51) Acenaphthene	15.40	154	585	0.127	ng	# 76
52) 3-Nitroaniline	15.21	138	60	0.053	ng	# 1
54) Dibenzofuran	15.74	168	618	0.090	ng	# 57
55) 4-Nitrophenol	15.69	139	72	0.085	ng	94
56) 2,4-Dinitrotoluene	15.49	165	341	0.186	ng	# 59
57) Fluorene	16.38	166	407	0.072	ng	# 91
59) Diethylphthalate	16.10	149	2503	0.419	ng	# 1
60) 4-Chlorophenyl-phenylether	16.38	204	124	0.035	ng	# 20
61) 4-Nitroaniline	16.40	138	111	0.092	ng	# 56
62) Azobenzene	16.63	77	375	0.105	ng	# 46
64) 4,6-Dinitro-2-methylphenol	16.81	198	316	0.256	ng	# 1
65) n-Nitrosodiphenylamine	16.82	169	5518	1.118	ng	# 41
68) Atrazine	17.39	200	61	0.029	ng	# 1

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Operator : SJ/JU
Sample : J1455-09
Misc : MDL-W-8 ppm
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Instrument : BNA_G
ClientSampleId : LW-04-B

Quant Time: Feb 07 10:06:03 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)
69) Pentachlorophenol	17.37	266	61	0.036	ng	#	19
70) Phenanthrene	18.11	178	154	0.017	ng	#	13
71) Anthracene	18.20	178	275	0.030	ng	#	59
72) Carbazole	18.48	167	886	0.109	ng	#	75
73) Di-n-butylphthalate	18.97	149	1994	0.222	ng	#	77
74) Fluoranthene	20.09	202	206	0.017	ng		65
77) Pyrene	20.44	202	127	0.010	ng	#	57
79) Butylbenzylphthalate	21.29	149	258	0.065	ng	#	73
80) Benzo(a)anthracene	22.39	228	824	0.065	ng	#	34
81) 3,3'-Dichlorobenzidine	22.25	252	58	0.012	ng	#	26
82) Chrysene	22.39	228	824	0.067	ng	#	32
83) Bis(2-ethylhexyl)phthalate	22.22	149	1770	0.316	ng	#	92
84) Di-n-octyl phthalate	23.57	149	66	0.007	ng	#	1
87) Benzo(b)fluoranthene	24.90	252	57	0.004	ng	#	59
88) Benzo(k)fluoranthene	24.98	252	68	0.005	ng	#	60
89) Benzo(a)pyrene	25.95	252	56	0.004	ng	#	59

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

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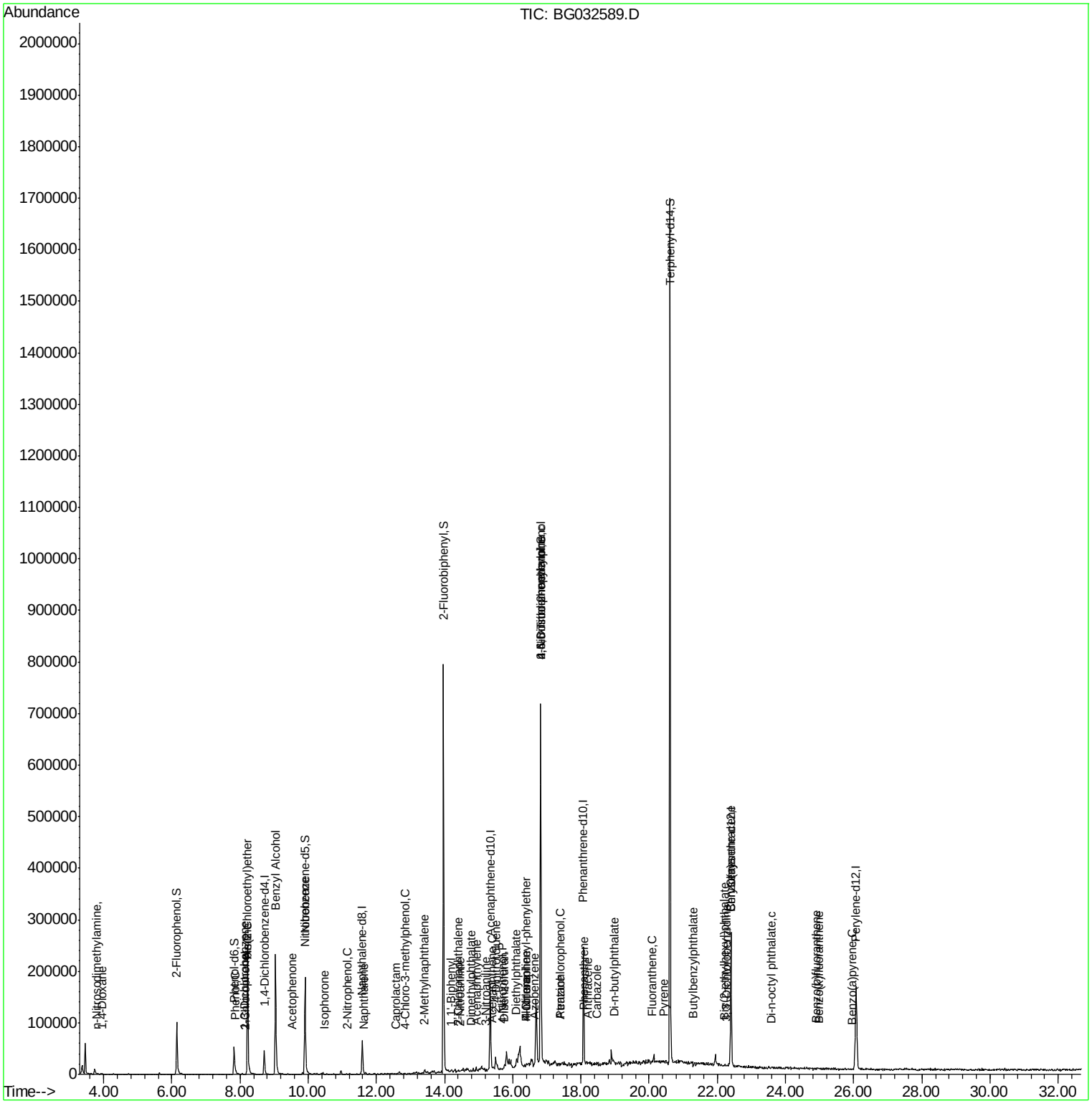
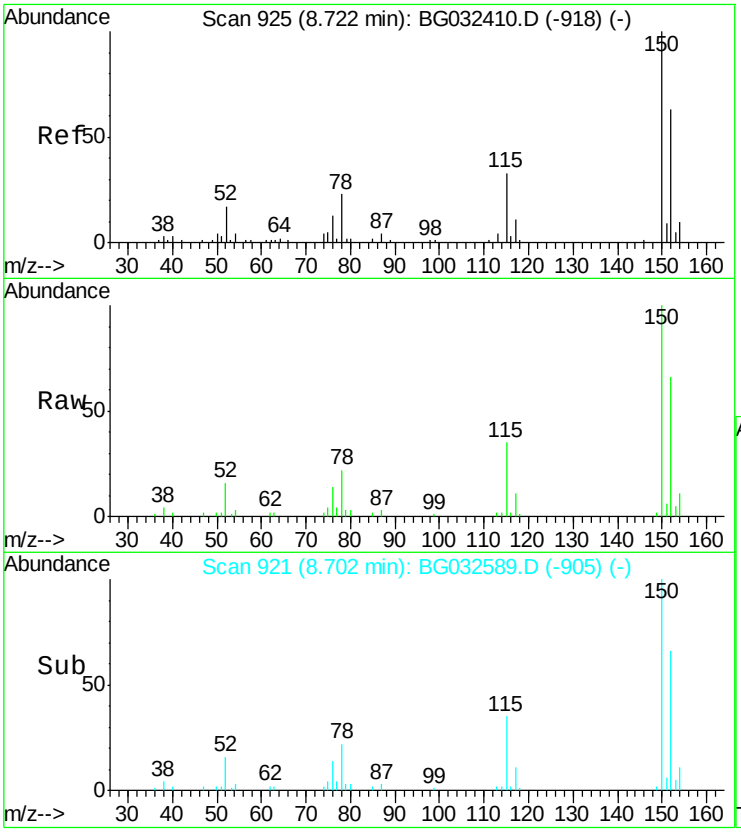


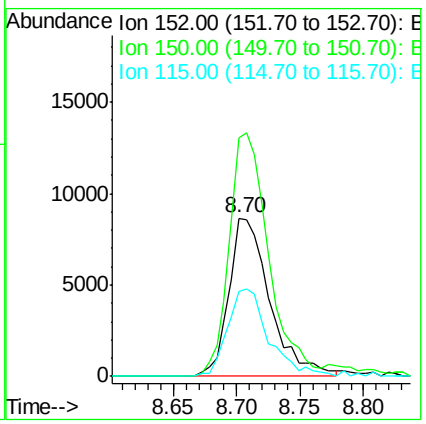


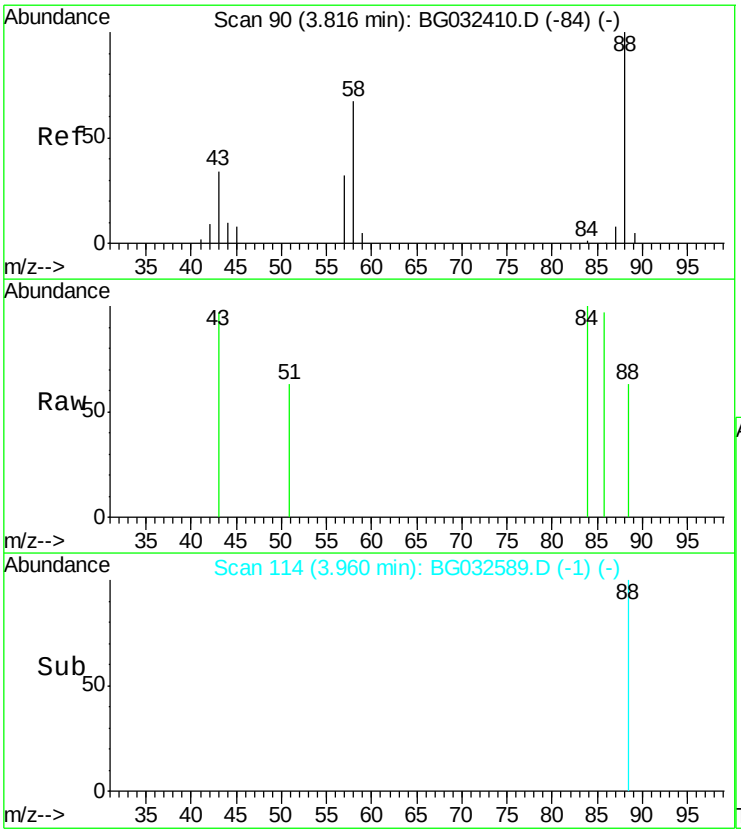
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.70 min Scan# 921
Delta R.T. -0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:152 Resp: 19306

Ion	Ratio	Lower	Upper
152	100		
150	151.1	126.6	189.8
115	53.3	53.0	79.4

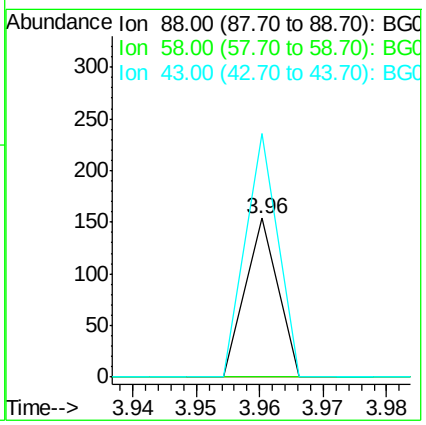


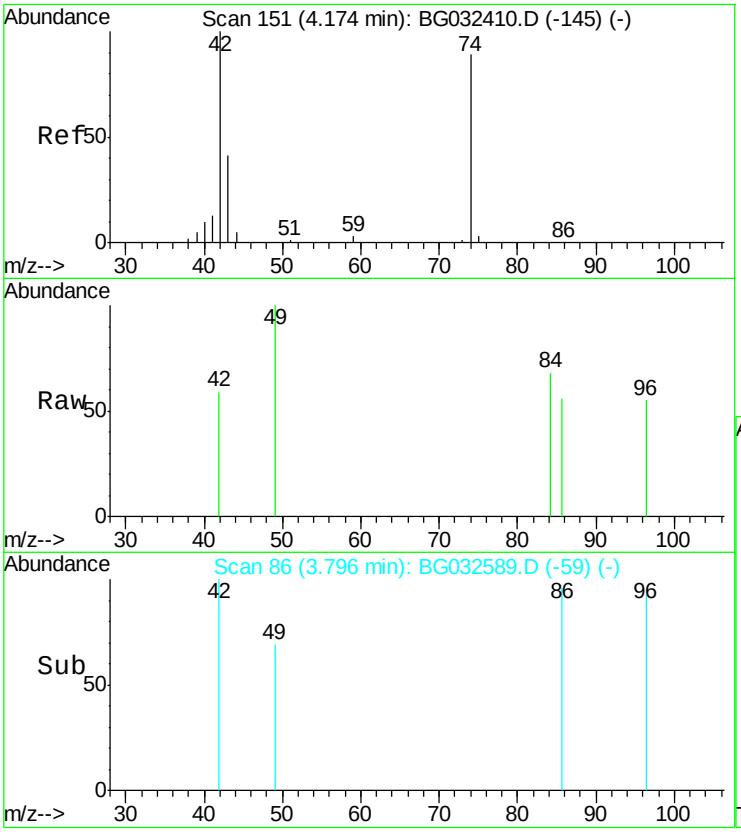


#2
1,4-Dioxane
Concen: 0.167 ng
RT: 3.96 min Scan# 114
Delta R.T. 0.15 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion: 88 Resp: 54

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



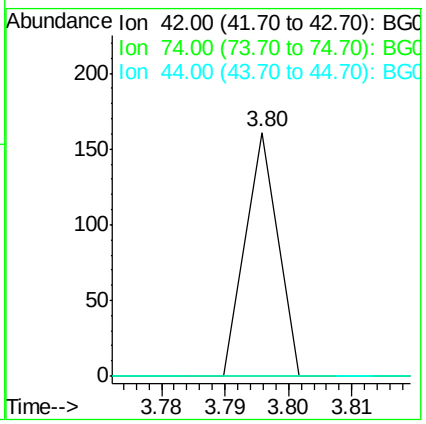


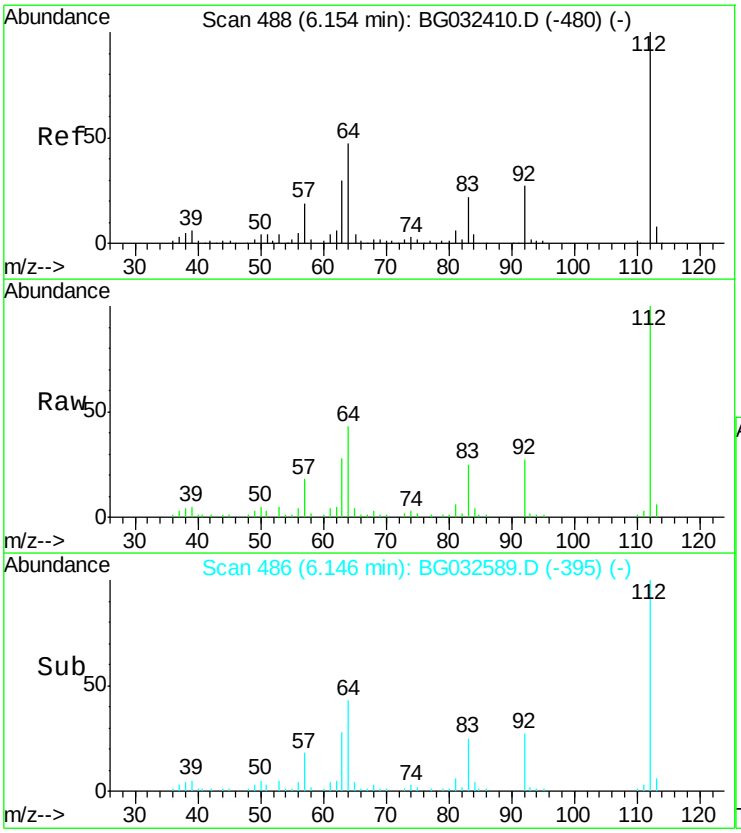
#4
n-Nitrosodimethylamine
Concen: 0.125 ng
RT: 3.80 min Scan# 86
Delta R.T. -0.37 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion: 42 Resp: 57

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

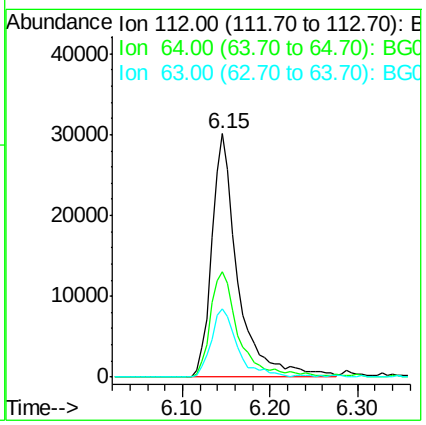


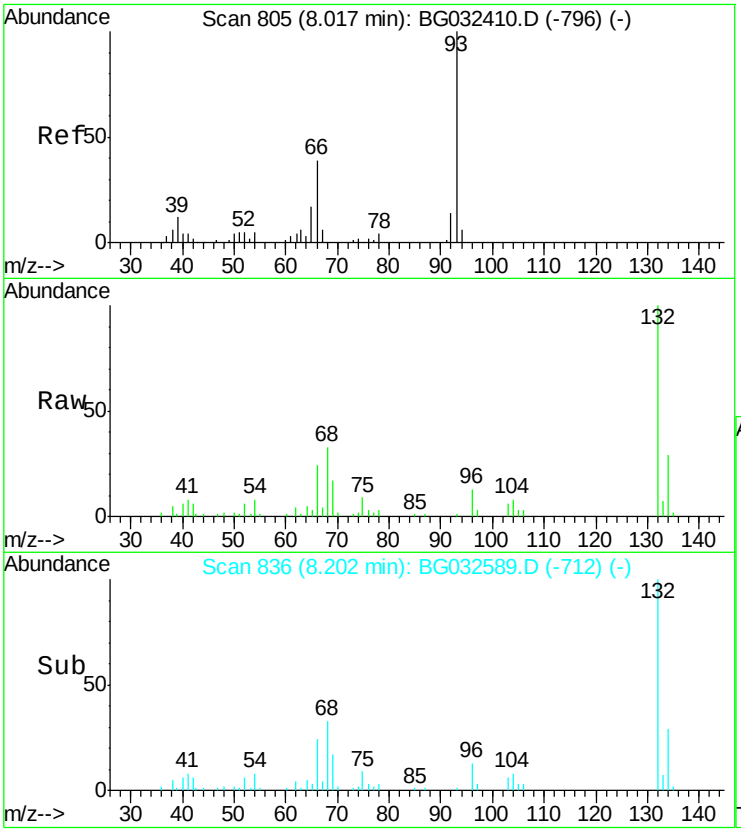


#5
2-Fluorophenol
Concen: 64.457 ng
RT: 6.15 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:112 Resp: 61955

Ion	Ratio	Lower	Upper
112	100		
64	43.3	56.3	84.5#
63	28.1	30.1	45.1#



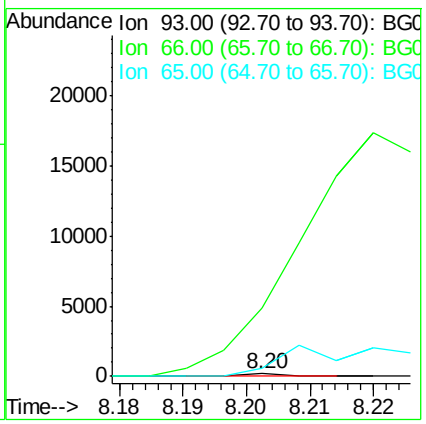


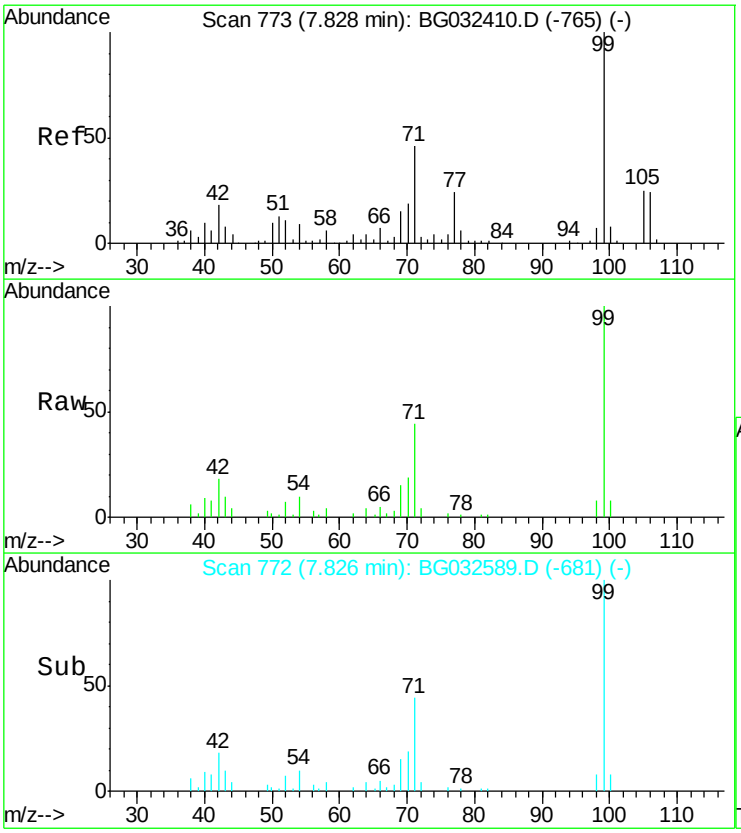
#6
Aniline
Concen: 0.043 ng
RT: 8.20 min Scan# 836
Delta R.T. 0.20 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion: 93 Resp: 68

Ion	Ratio	Lower	Upper
93	100		
66	2520.8	33.7	50.5#
65	287.5	16.1	24.1#

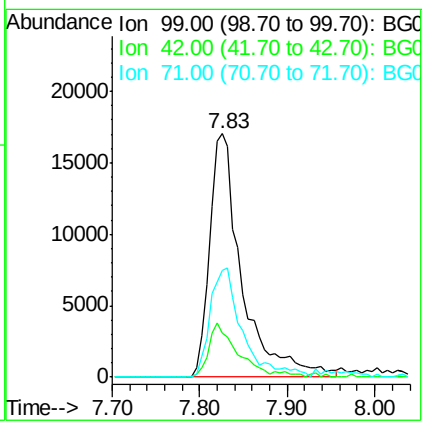


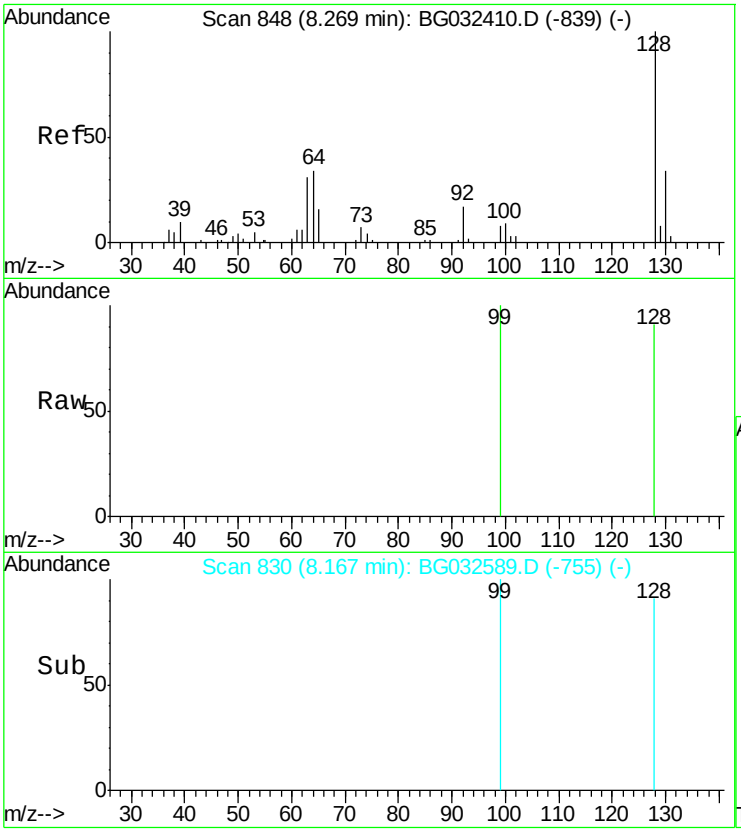


#7
Phenol-d6
Concen: 33.792 ng
RT: 7.83 min Scan# 772
Delta R.T. 0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion: 99 Resp: 43342

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.1	21.1
71	43.6	26.1	39.1#



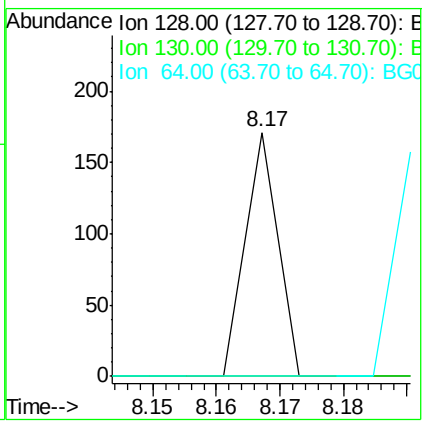


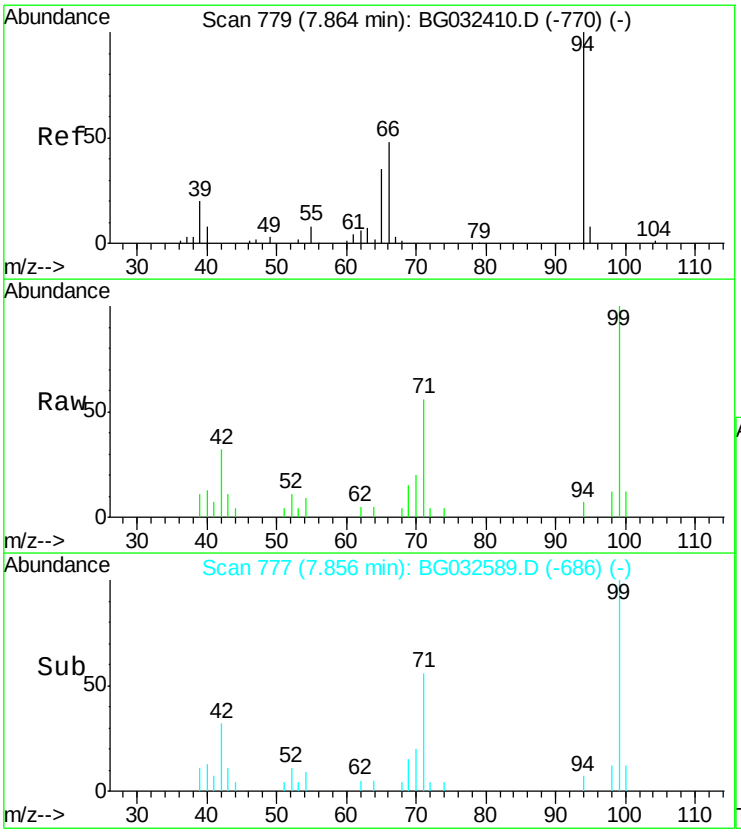
#8
2-Chlorophenol
Concen: 0.053 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.09 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:128 Resp: 60

Ion	Ratio	Lower	Upper
128	100		
130	0.0	14.0	54.0#
64	0.0	37.7	77.7#

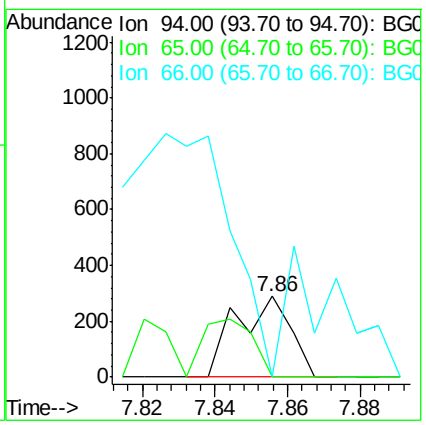


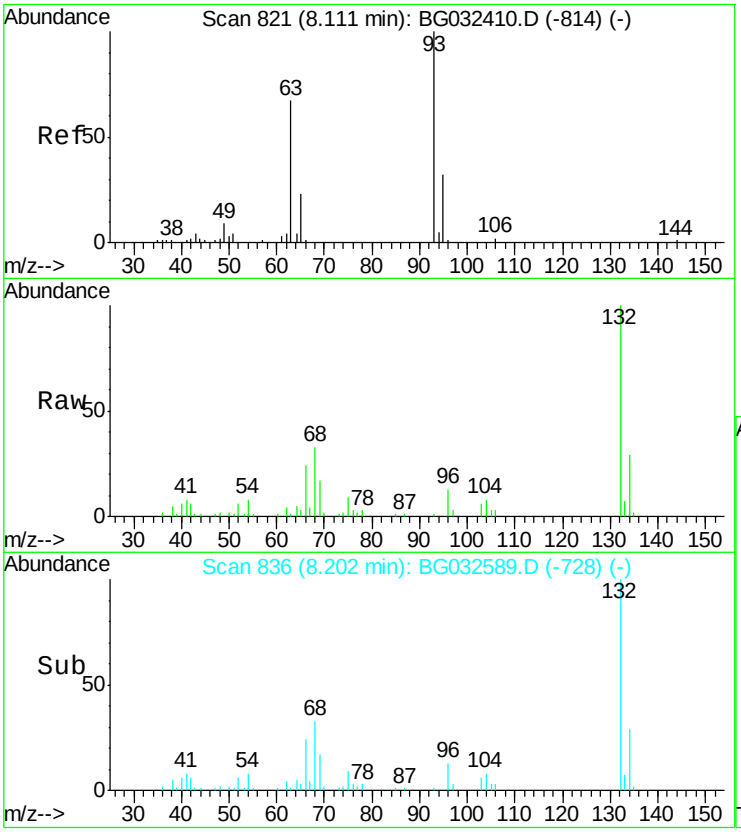


#10
Phenol
Concen: 0.248 ng
RT: 7.86 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion: 94 Resp: 302

Ion	Ratio	Lower	Upper
94	100		
65	0.0	11.9	51.9#
66	0.0	22.2	62.2#



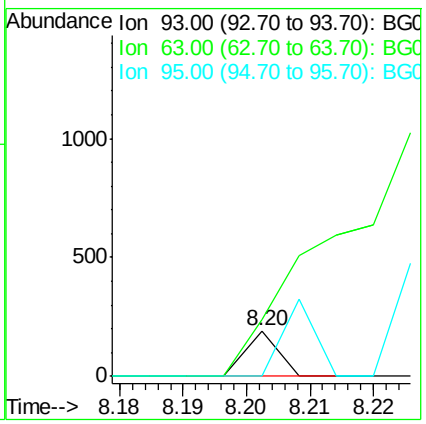


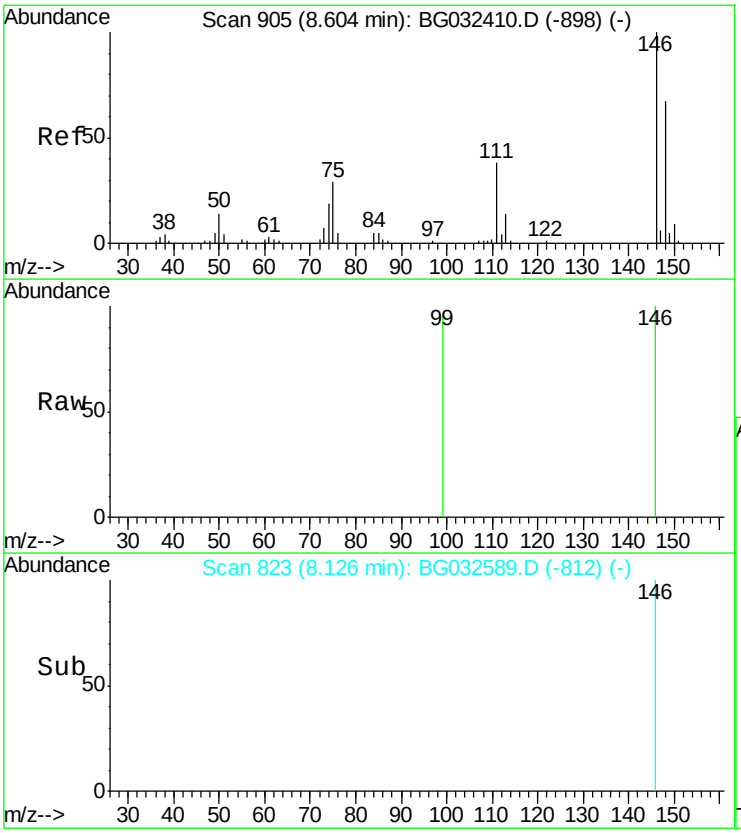
#11
bis(2-Chloroethyl)ether
Concen: 0.073 ng
RT: 8.20 min Scan# 836
Delta R.T. 0.10 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion: 93 Resp: 68

Ion	Ratio	Lower	Upper
93	100		
63	124.5	67.1	107.1#
95	0.0	11.5	51.5#

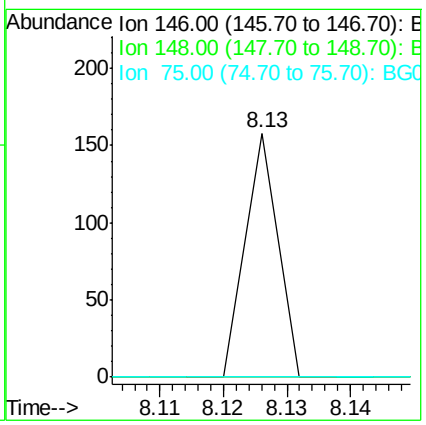


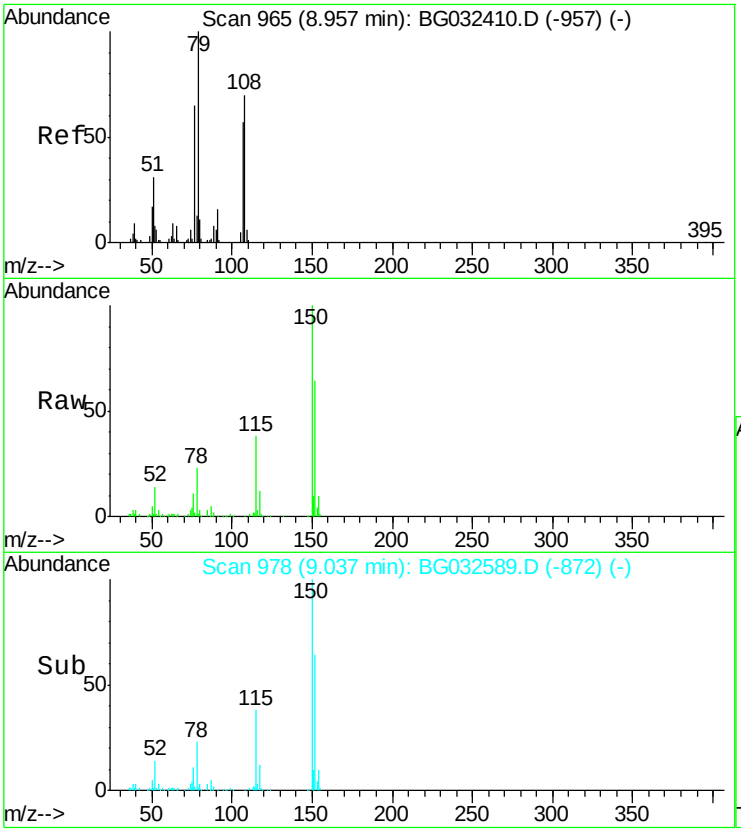


#12
1,3-Dichlorobenzene
Concen: 0.036 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.47 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:146 Resp: 56

Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.4	77.2#
75	0.0	26.6	39.8#



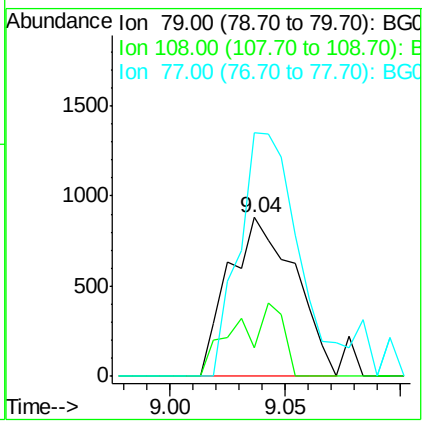


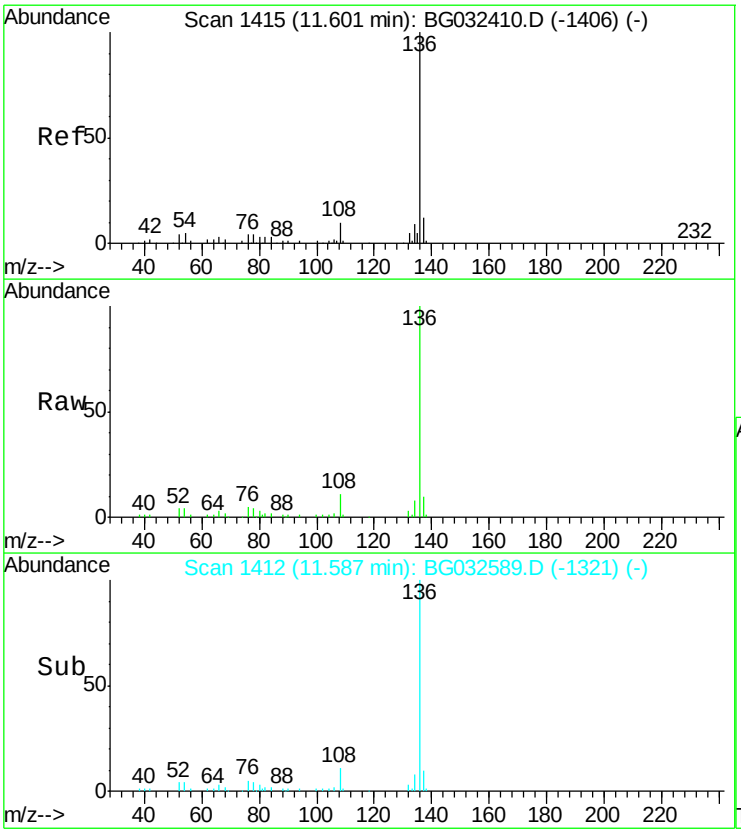
#15
Benzyl Alcohol
Concen: 1.663 ng
RT: 9.04 min Scan# 978
Delta R.T. 0.09 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion: 79 Resp: 1758

Ion	Ratio	Lower	Upper
79	100		
108	18.0	57.2	85.8#
77	153.2	46.1	69.1#

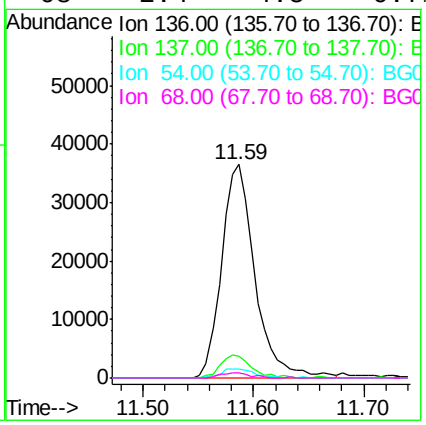


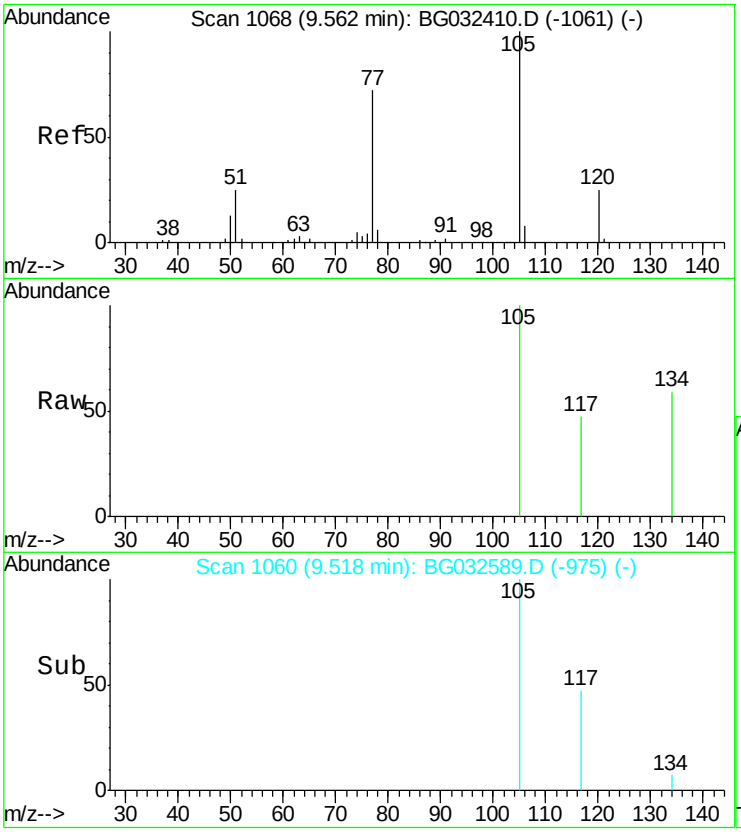


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:136 Resp: 77012

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	4.0	10.3	15.5#
68	2.4	4.5	6.7#



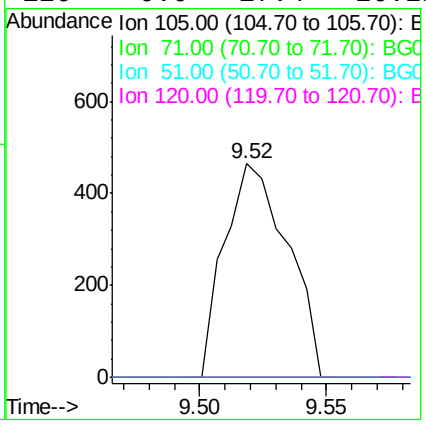


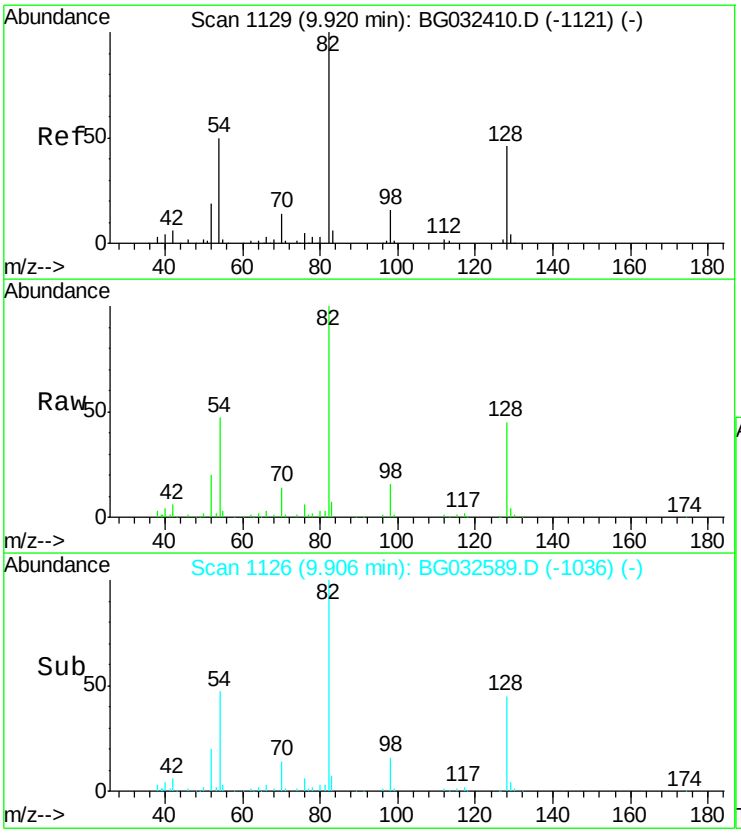
#22
Acetophenone
Concen: 0.445 ng
RT: 9.52 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:105 Resp: 804

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#

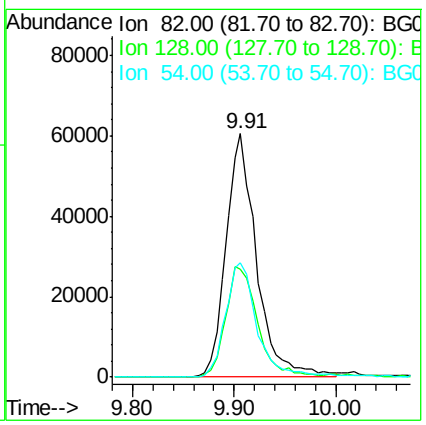


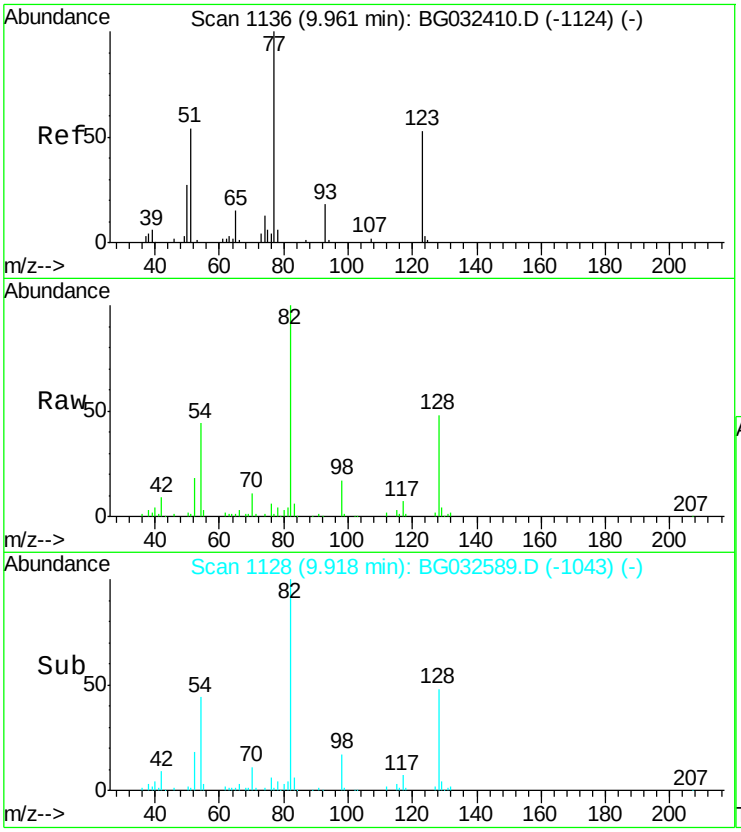


#23
Nitrobenzene-d5
Concen: 102.606 ng
RT: 9.91 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion: 82 Resp: 126510

Ion	Ratio	Lower	Upper
82	100		
128	44.6	29.7	44.5#
54	47.2	43.1	64.7



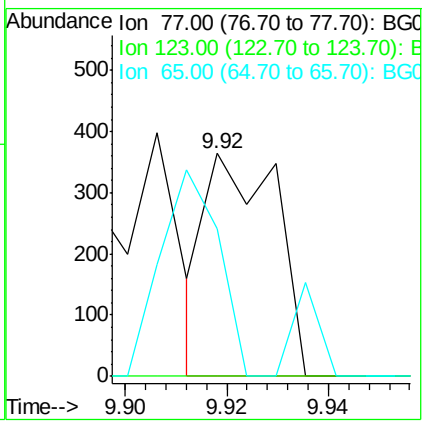


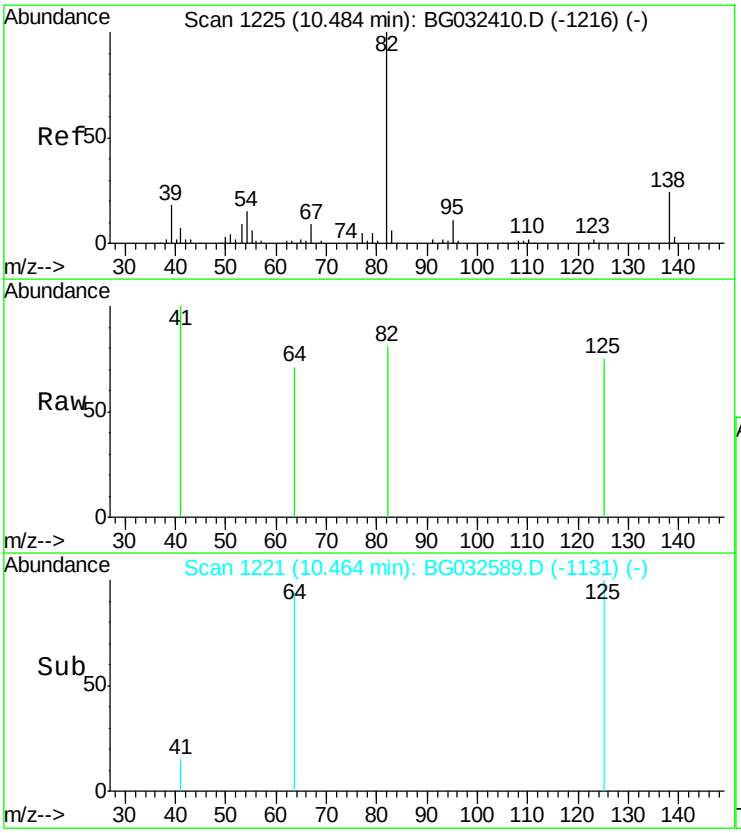
#24
Nitrobenzene
Concen: 0.294 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion: 77 Resp: 350

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	66.5	13.0	19.6#

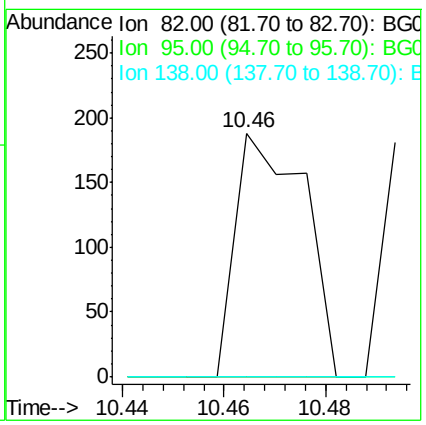


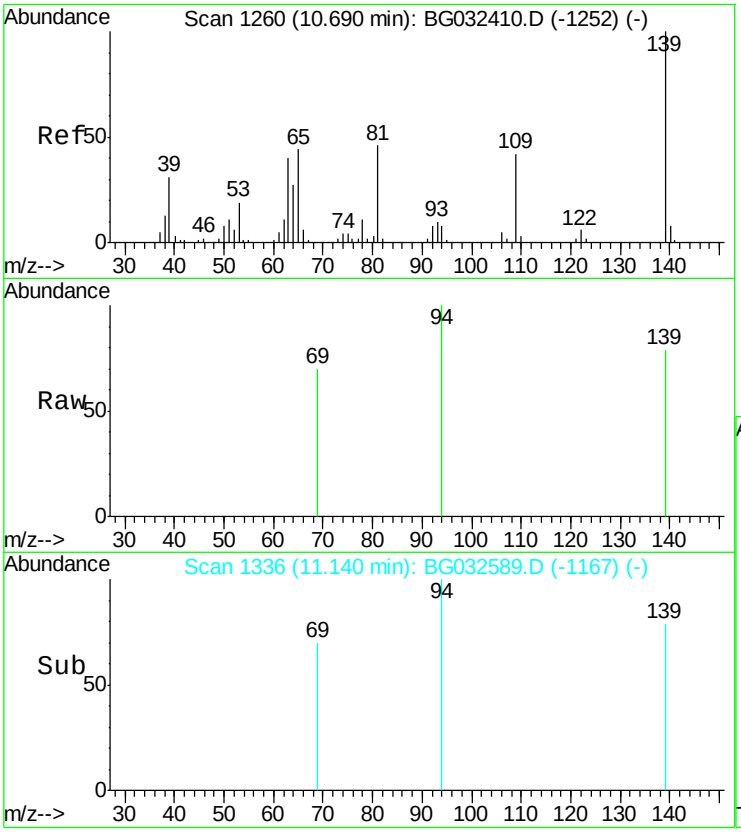


#25
Isophorone
Concen: 0.084 ng
RT: 10.46 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion: 82 Resp: 177

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



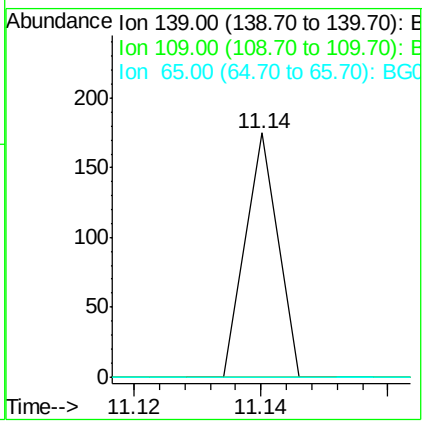


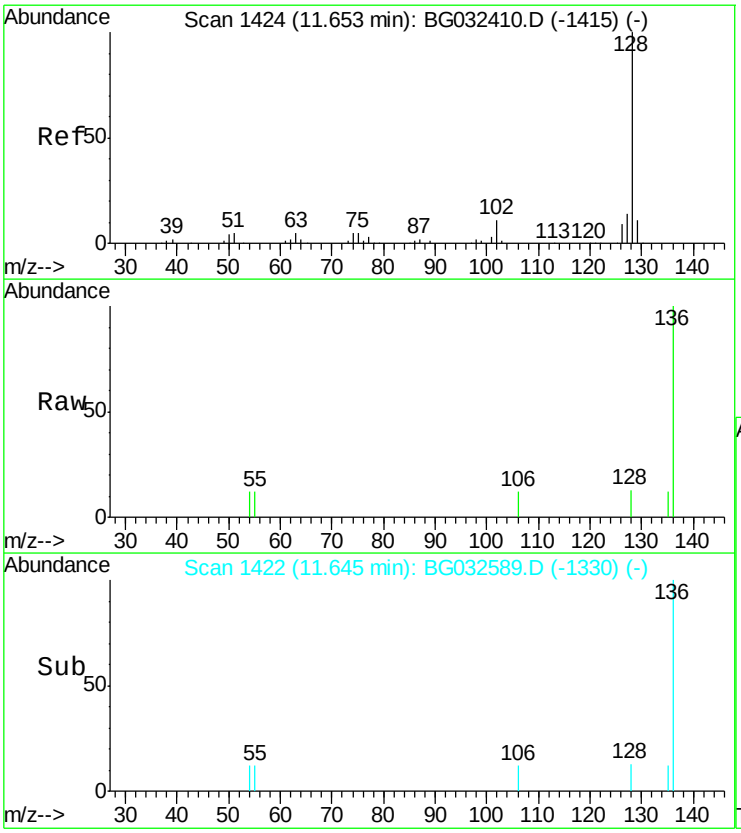
#26
2-Nitrophenol
Concen: 0.086 ng
RT: 11.14 min Scan# 1336
Delta R.T. 0.46 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:139 Resp: 62

Ion	Ratio	Lower	Upper
139	100		
109	0.0	24.2	36.2#
65	0.0	47.4	71.0#

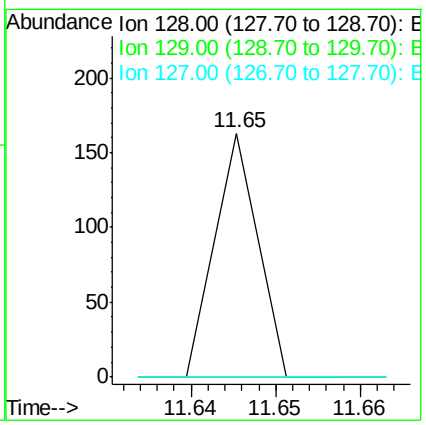


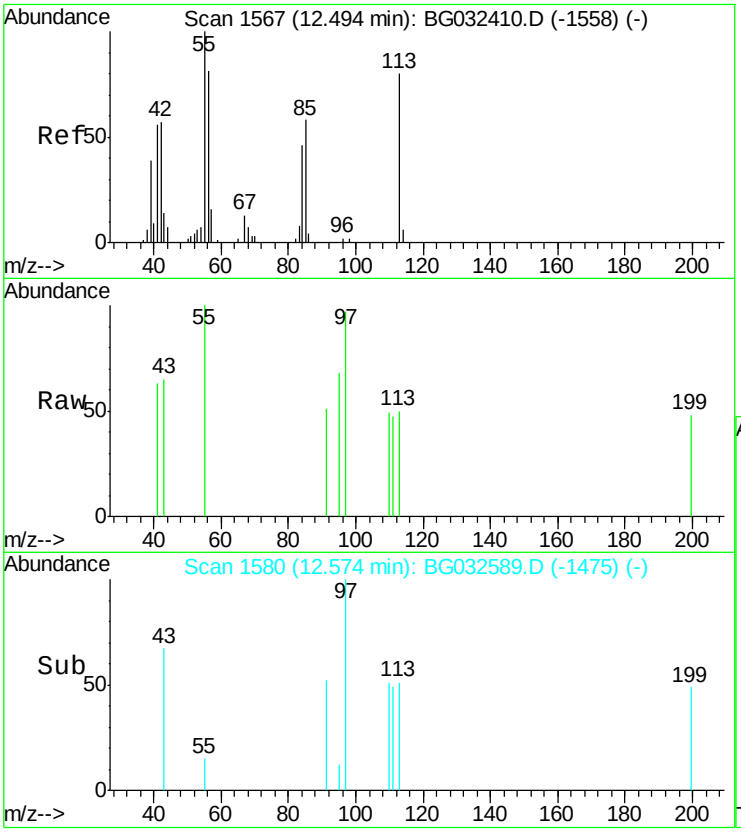


#31
Naphthalene
Concen: 0.015 ng
RT: 11.65 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:128 Resp: 57

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



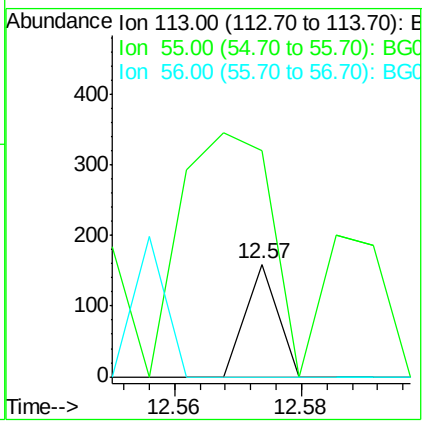


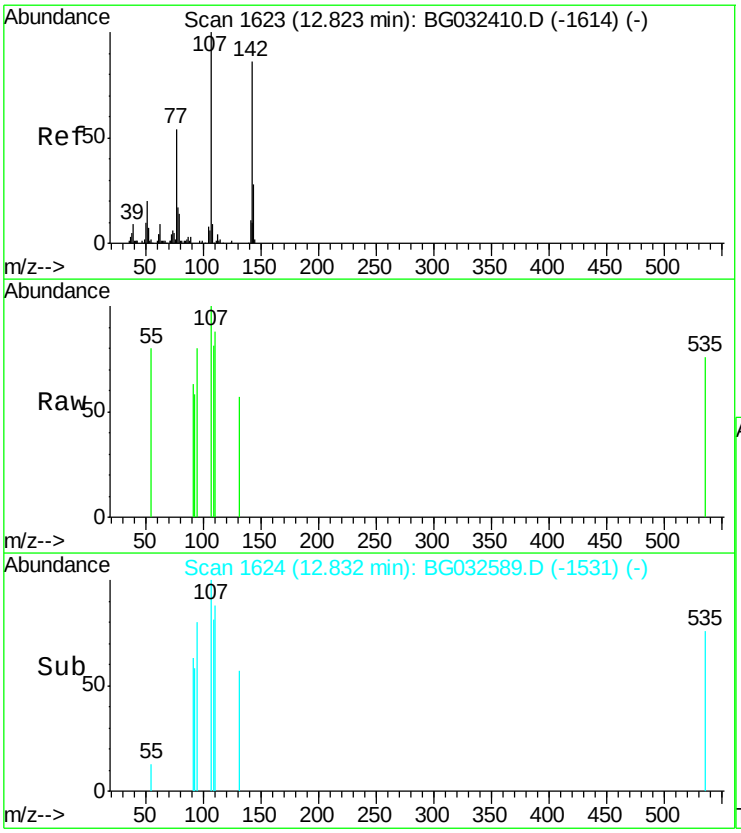
#35
Caprolactam
Concen: 0.142 ng
RT: 12.57 min Scan# 1580
Delta R.T. 0.09 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:113 Resp: 56

Ion	Ratio	Lower	Upper
113	100		
55	201.3	186.9	226.9
56	0.0	130.9	170.9#

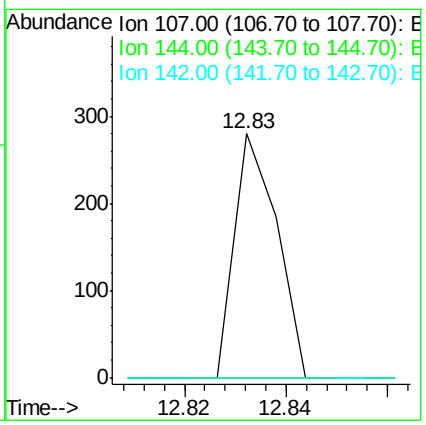


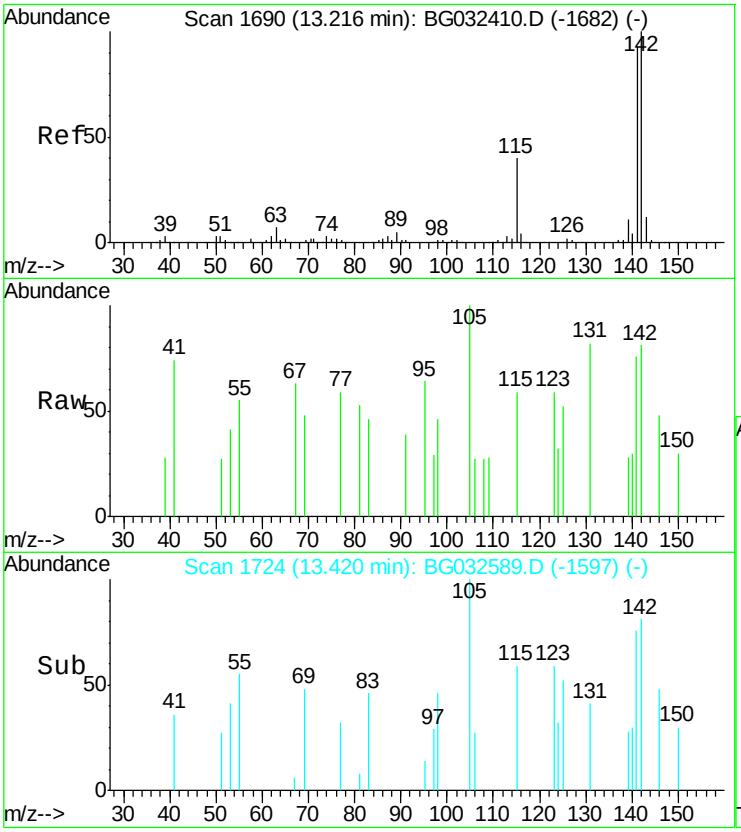


#36
4-Chloro-3-methylphenol
Concen: 0.126 ng
RT: 12.83 min Scan# 1624
Delta R.T. 0.02 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:107 Resp: 164

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



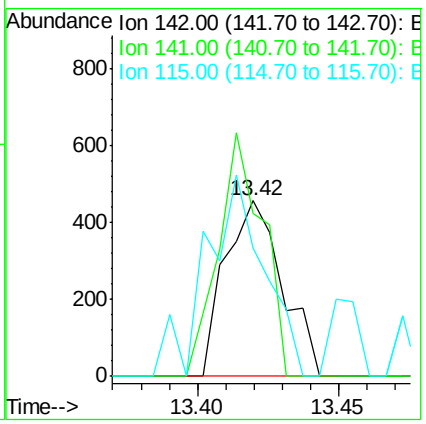


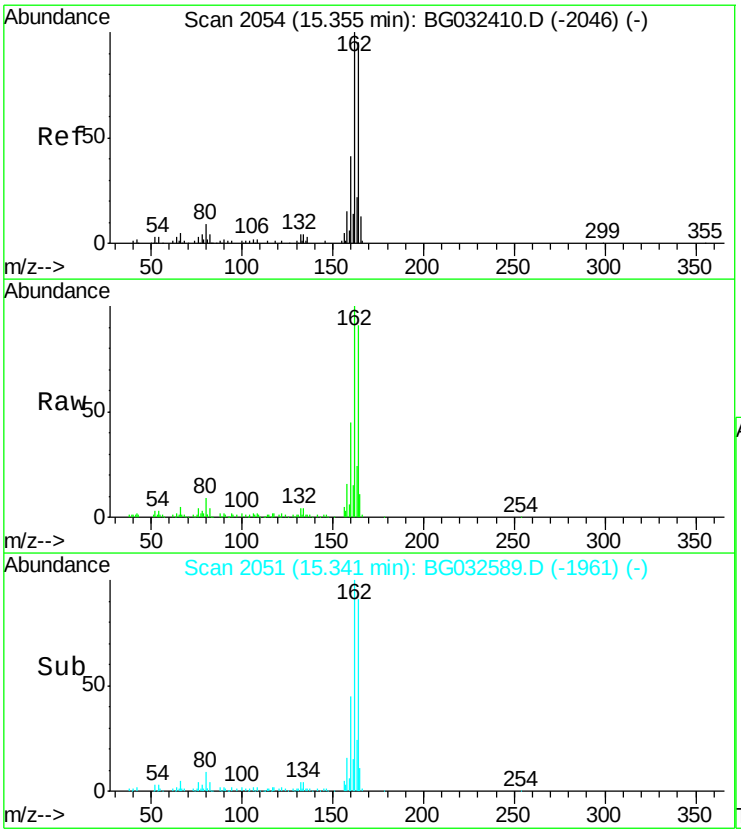
#37
2-Methylnaphthalene
Concen: 0.203 ng
RT: 13.42 min Scan# 1724
Delta R.T. 0.21 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:142 Resp: 640

Ion	Ratio	Lower	Upper
142	100		
141	93.2	67.1	100.7
115	73.0	30.7	46.1#

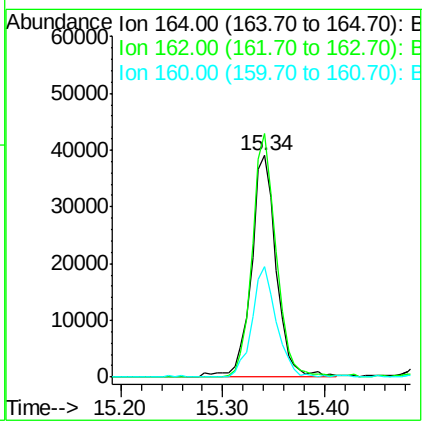


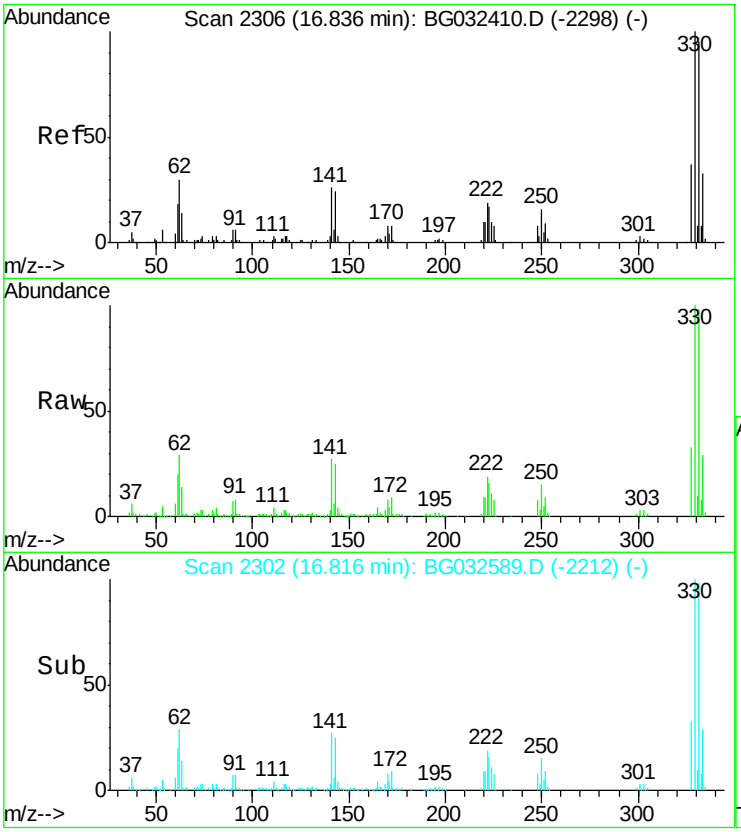


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:164 Resp: 66577

Ion	Ratio	Lower	Upper
164	100		
162	109.8	78.8	118.2
160	49.7	35.4	53.0



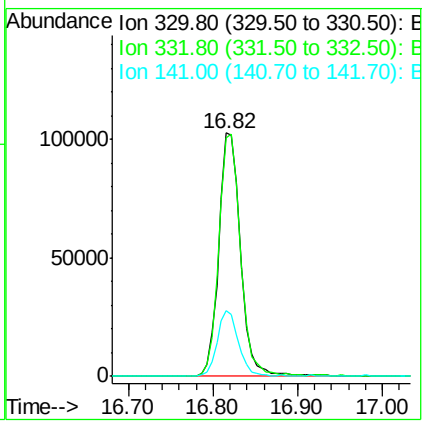


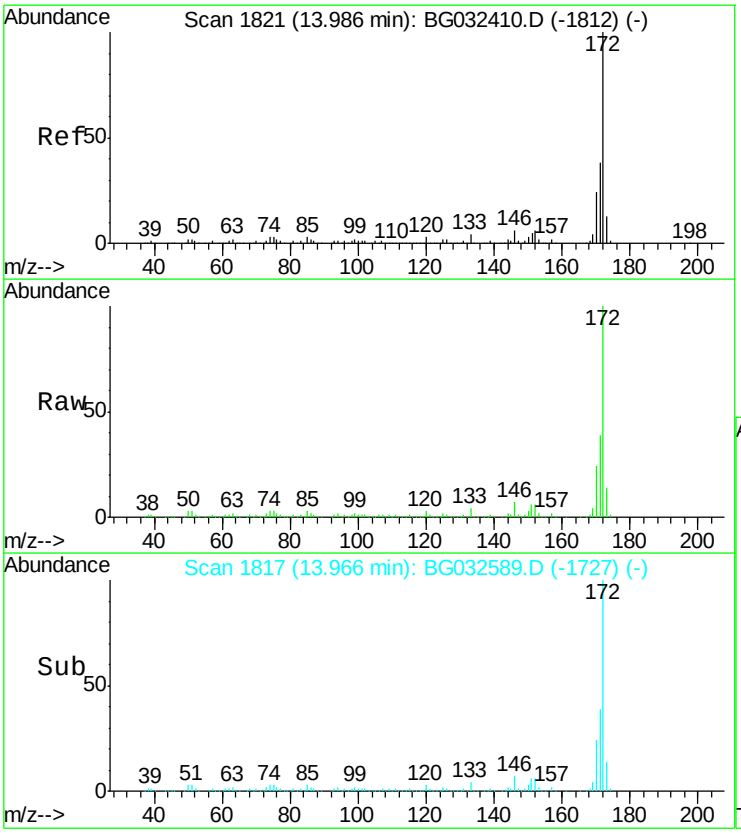
#41
2,4,6-Tribromophenol
Concen: 145.253 ng
RT: 16.82 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:330 Resp: 184078

Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	26.7	25.2	37.8

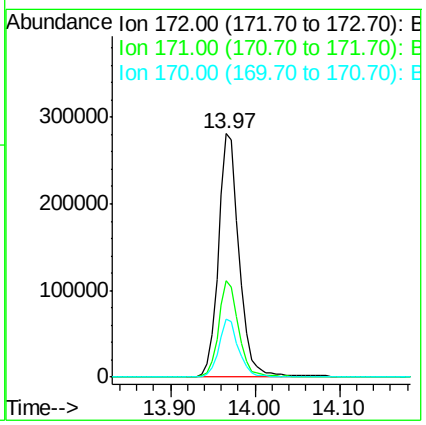


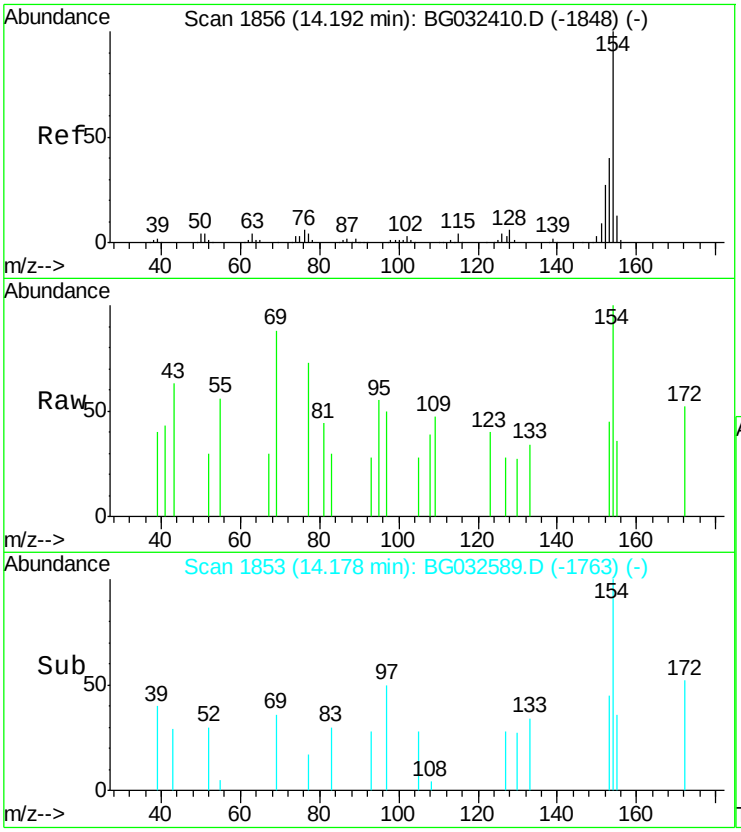


#44
2-Fluorobiphenyl
Concen: 85.442 ng
RT: 13.97 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:172 Resp: 478600

Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.0	45.0
170	23.8	19.5	29.3



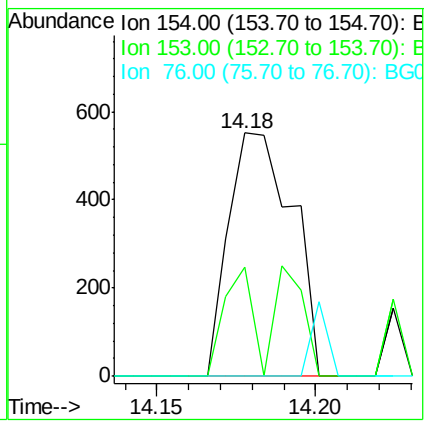


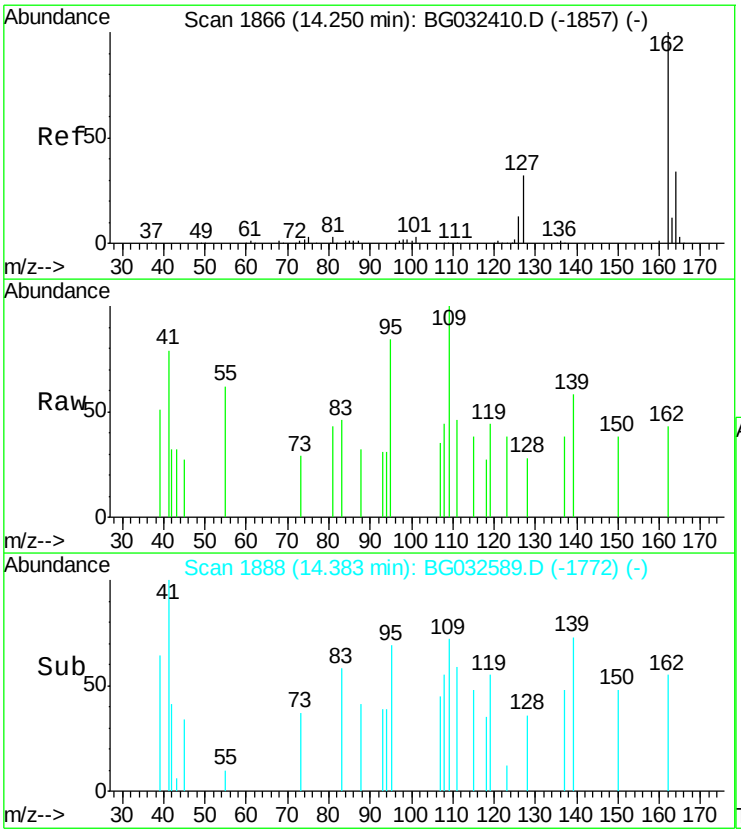
#45
1,1'-Biphenyl
Concen: 0.137 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:154 Resp: 769

Ion	Ratio	Lower	Upper
154	100		
153	44.7	19.8	59.8
76	0.0	0.0	31.9

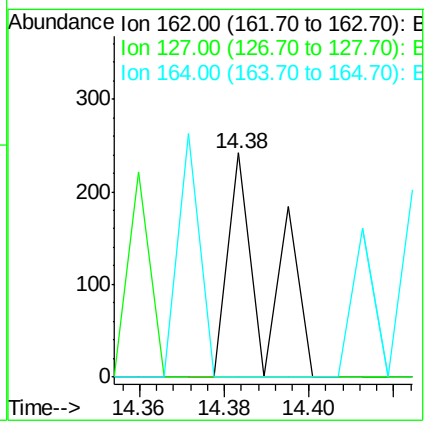


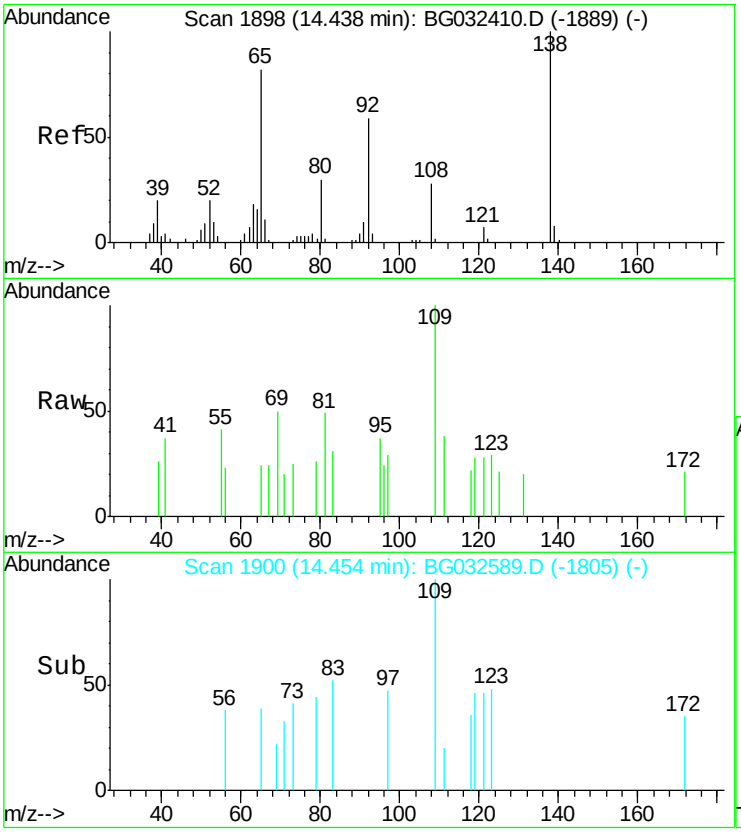


#46
2-Chloronaphthalene
Concen: 0.034 ng
RT: 14.38 min Scan# 1888
Delta R.T. 0.15 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:162 Resp: 150

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



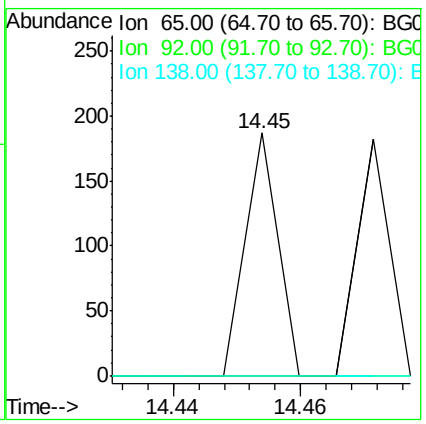


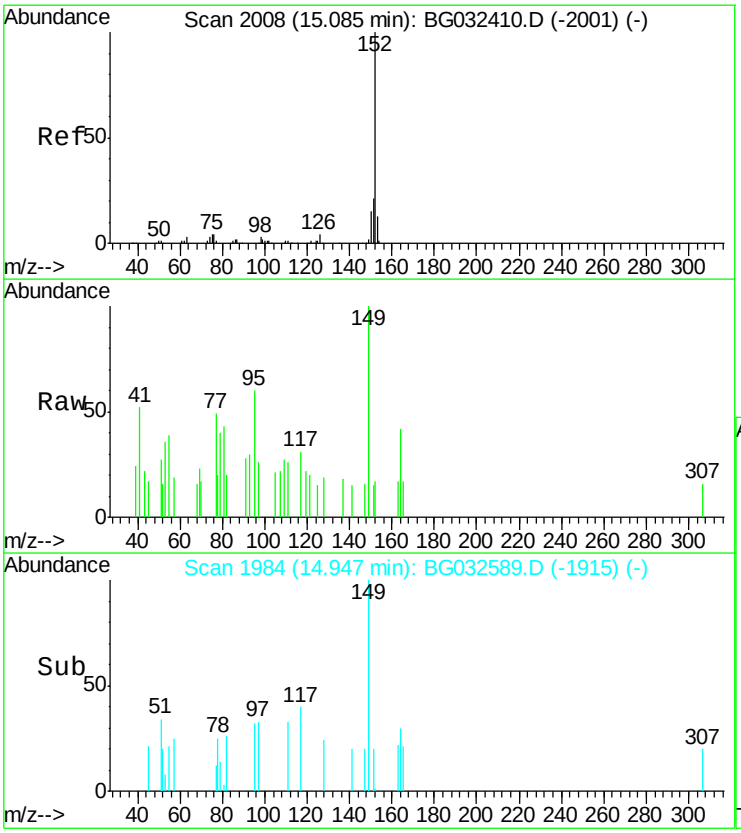
#47
2-Nitroaniline
Concen: 0.068 ng
RT: 14.45 min Scan# 1900
Delta R.T. 0.03 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion: 65 Resp: 66

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

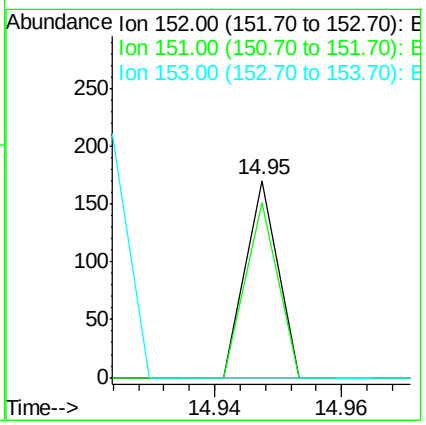


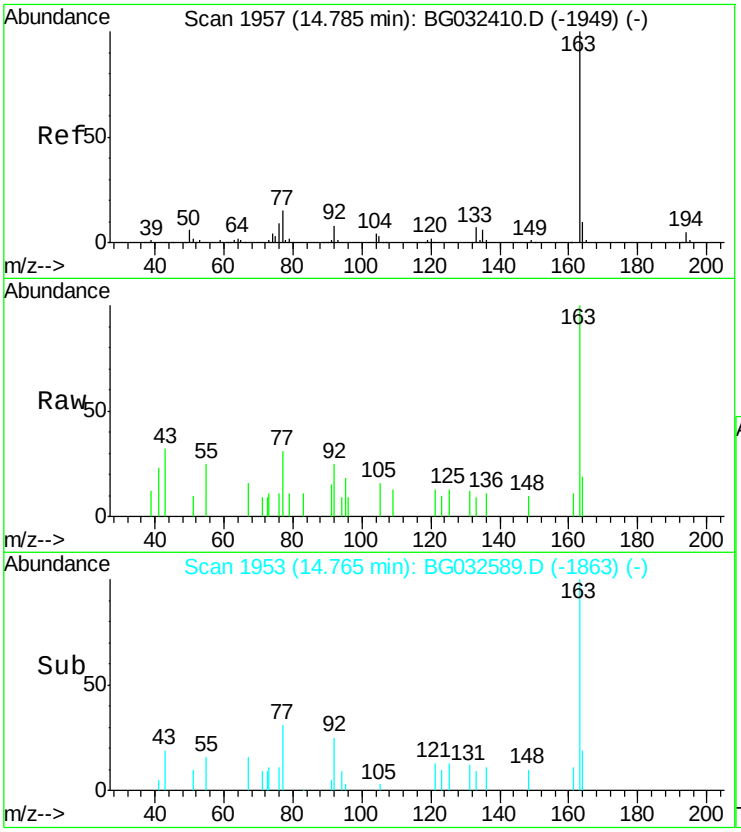


#48
Acenaphthylene
Concen: 0.009 ng
RT: 14.95 min Scan# 1984
Delta R.T. -0.13 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:152 Resp: 60

Ion	Ratio	Lower	Upper
152	100		
151	88.8	17.2	25.8#
153	0.0	10.2	15.4#



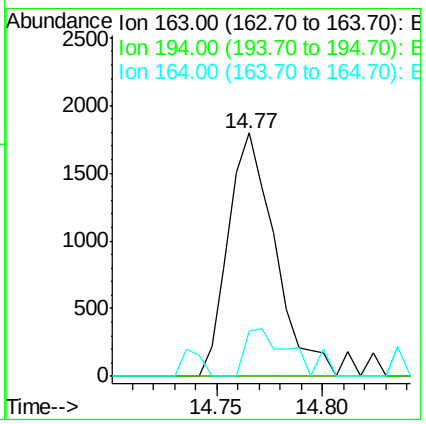


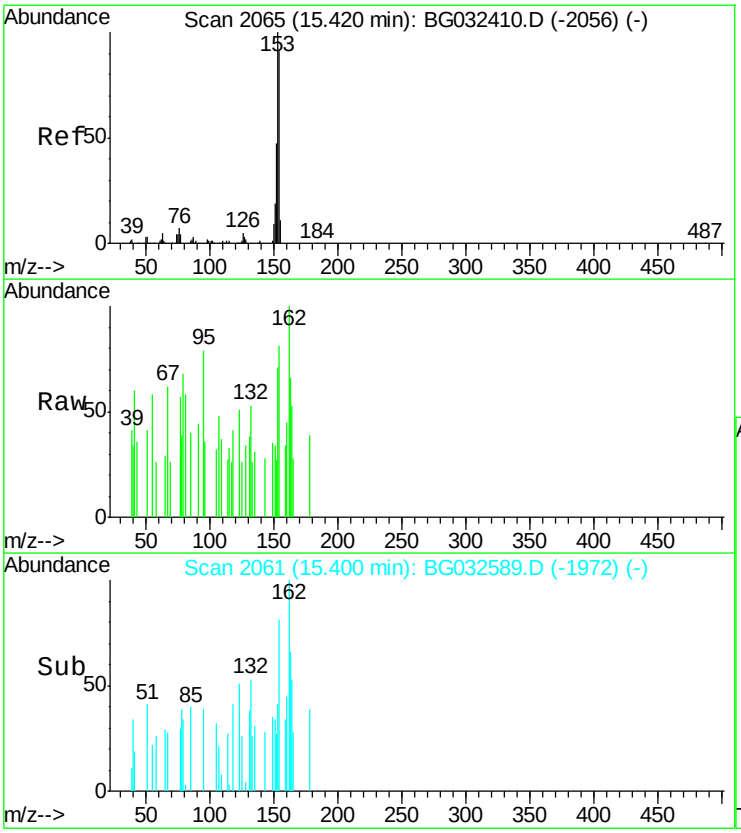
#49
Dimethylphthalate
Concen: 0.450 ng
RT: 14.77 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:163 Resp: 2760

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.2#
164	18.6	8.2	12.4#

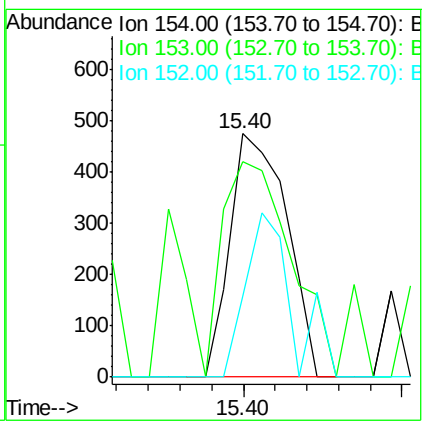


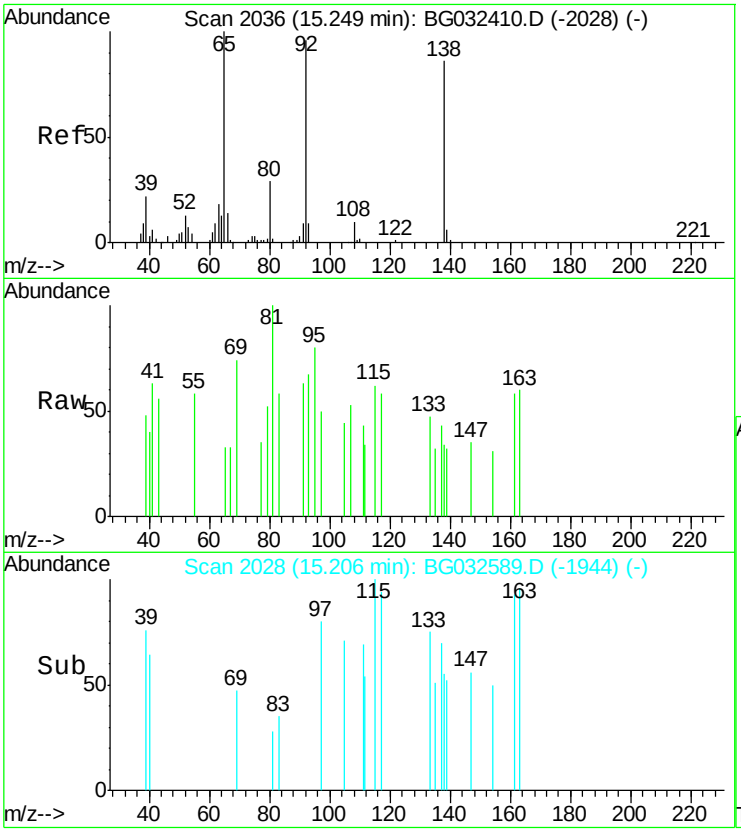


#51
Acenaphthene
Concen: 0.127 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:154 Resp: 585

Ion	Ratio	Lower	Upper
154	100		
153	88.4	90.4	135.6#
152	33.3	41.6	62.4#



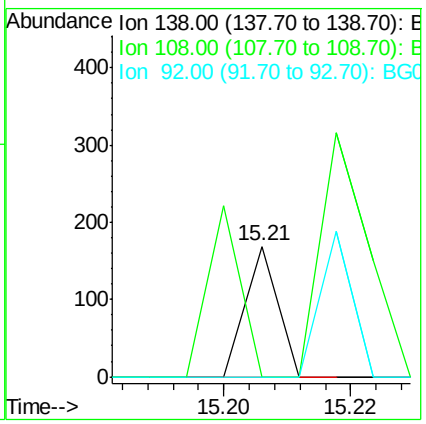


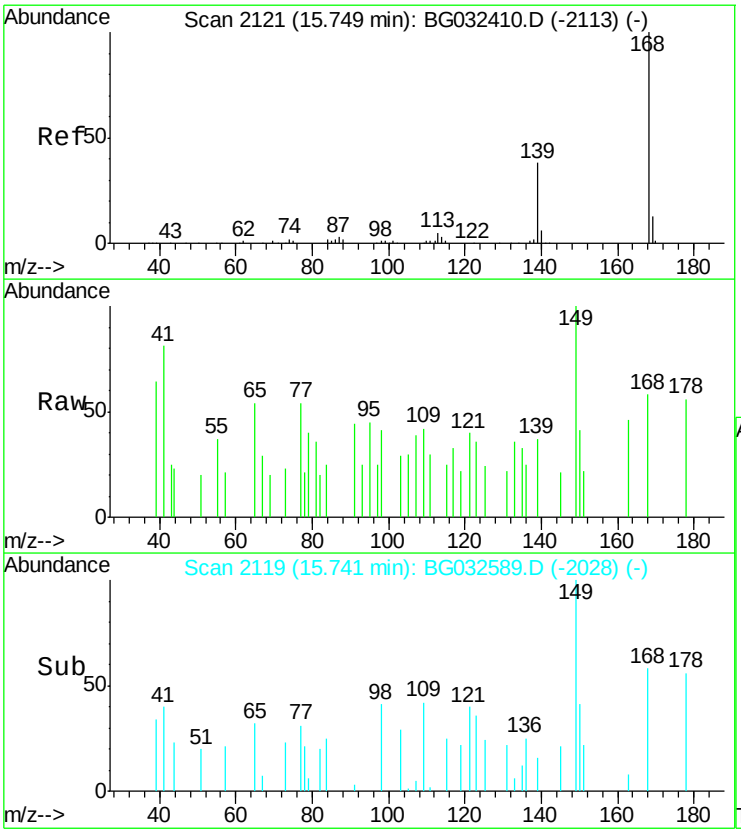
#52
3-Nitroaniline
Concen: 0.053 ng
RT: 15.21 min Scan# 2028
Delta R.T. -0.04 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:138 Resp: 60

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

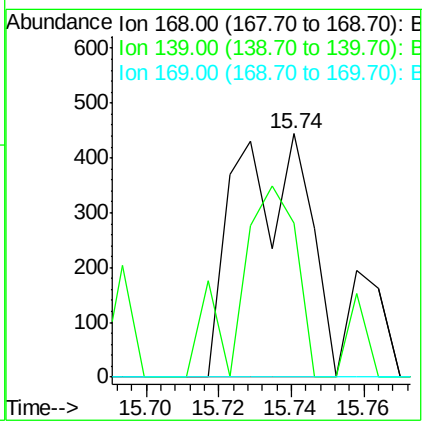


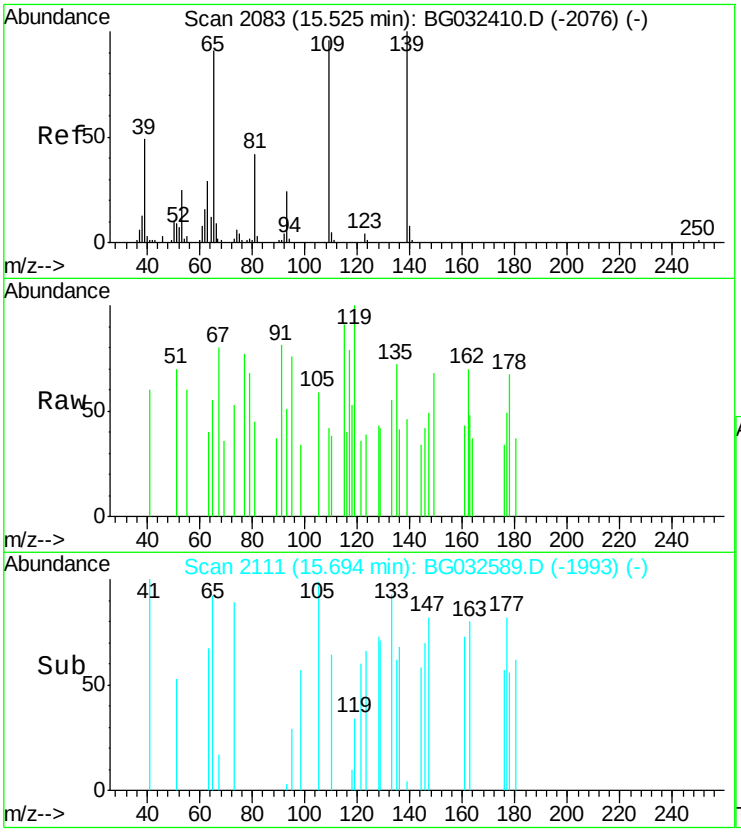


#54
Dibenzofuran
Concen: 0.090 ng
RT: 15.74 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:168 Resp: 618

Ion	Ratio	Lower	Upper
168	100		
139	63.3	28.6	43.0#
169	0.0	11.2	16.8#



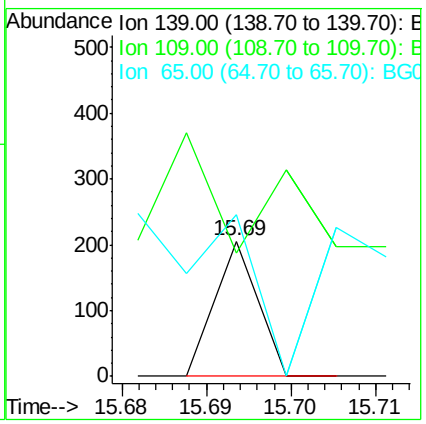


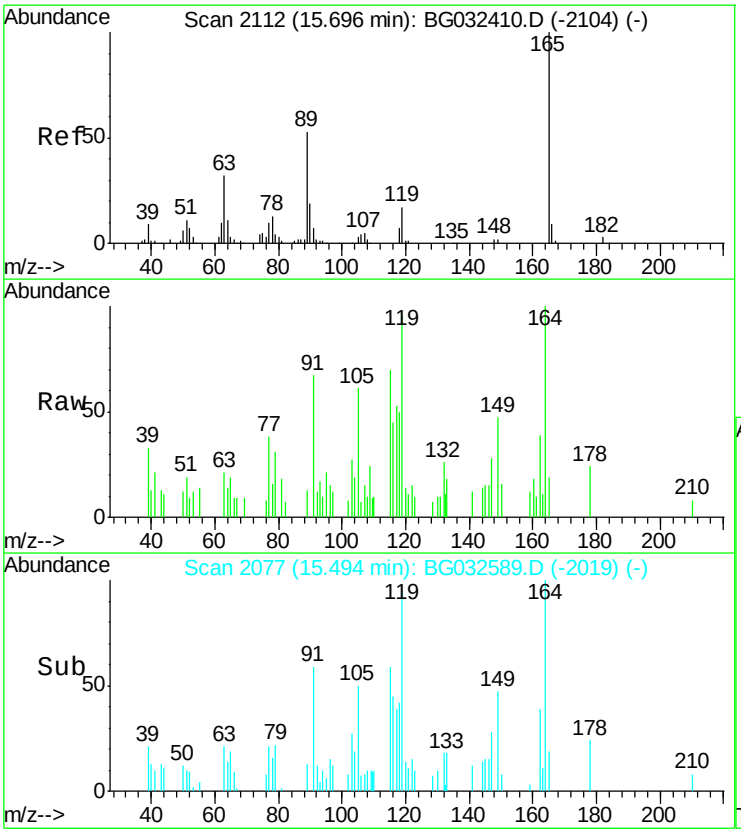
#55
4-Nitrophenol
Concen: 0.085 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.16 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:139 Resp: 72

Ion	Ratio	Lower	Upper
139	100		
109	91.7	62.2	102.2
65	120.0	97.2	137.2

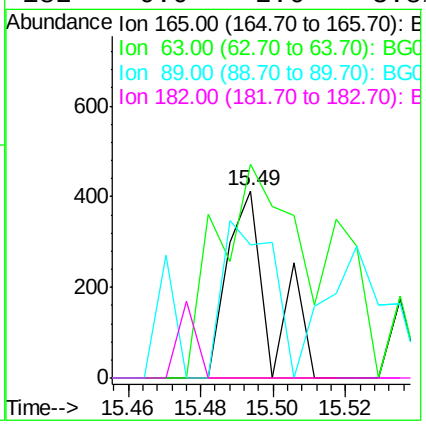


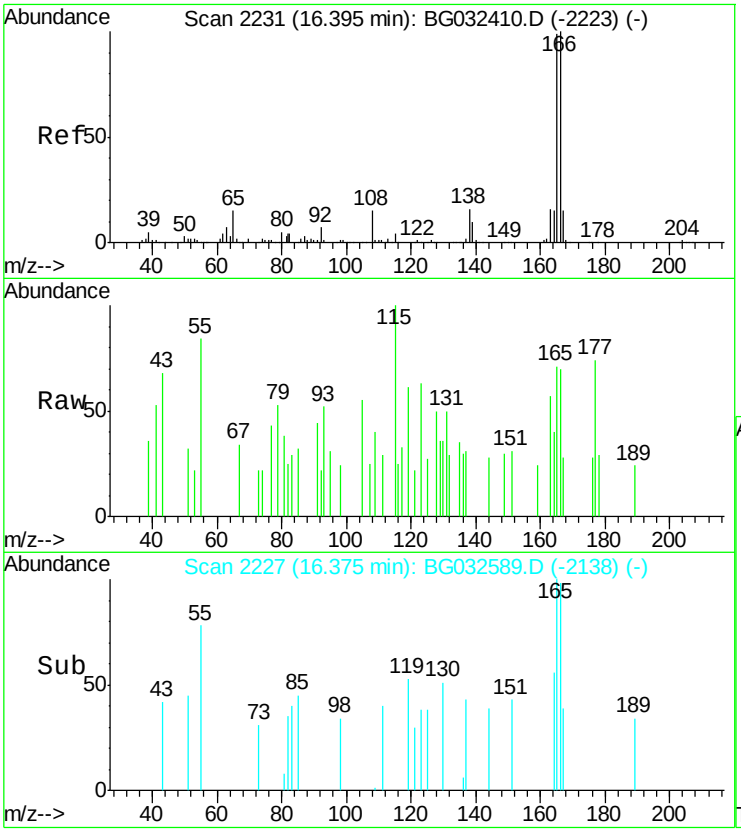


#56
2,4-Dinitrotoluene
Concen: 0.186 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.19 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:165 Resp: 341

Ion	Ratio	Lower	Upper
165	100		
63	114.0	42.0	63.0#
89	71.2	66.9	100.3
182	0.0	2.6	3.8#



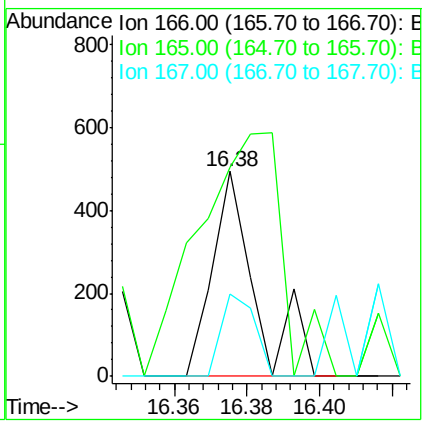


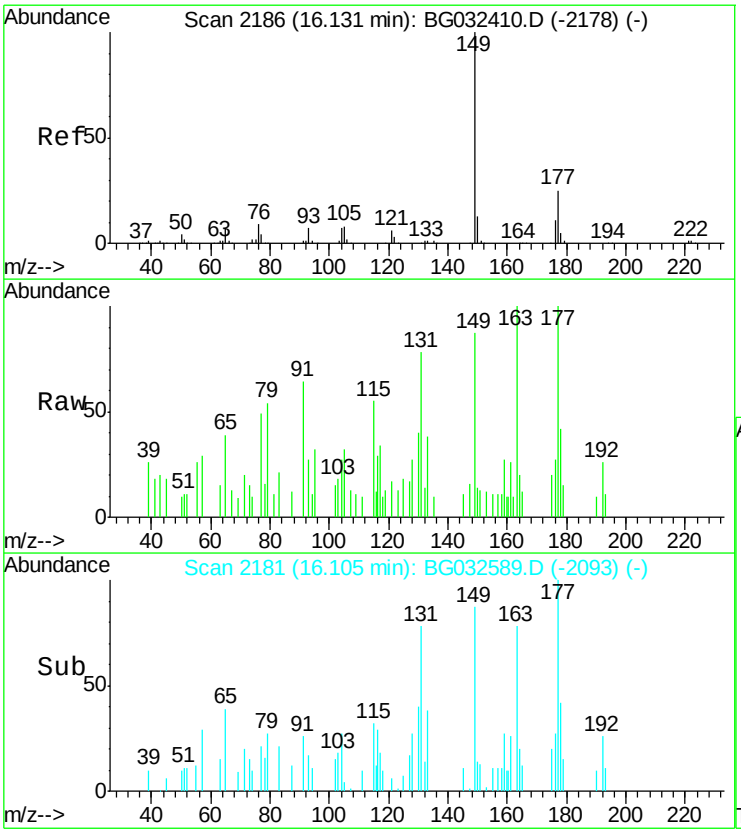
#57
Fluorene
Concen: 0.072 ng
RT: 16.38 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:166 Resp: 407

Ion	Ratio	Lower	Upper
166	100		
165	102.0	80.6	121.0
167	40.3	10.4	15.6#

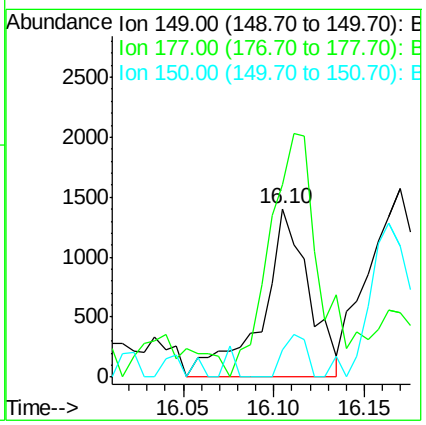


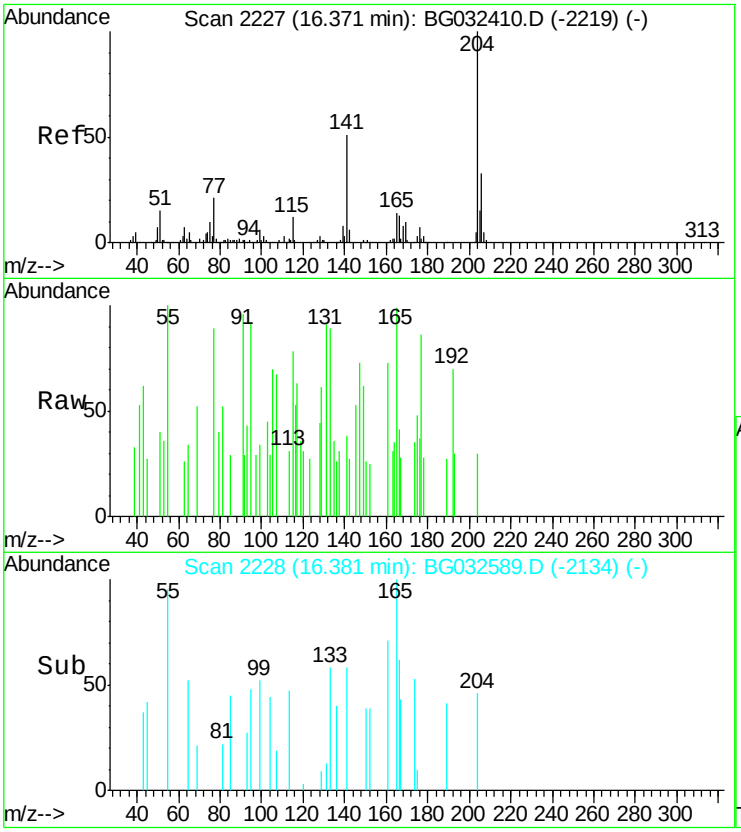


#59
Diethylphthalate
Concen: 0.419 ng
RT: 16.10 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:149 Resp: 2503

Ion	Ratio	Lower	Upper
149	100		
177	114.5	18.5	27.7#
150	16.5	10.2	15.2#



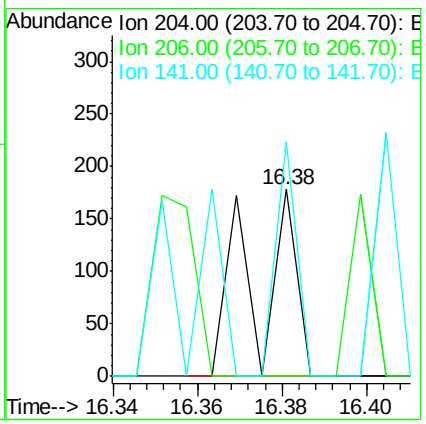


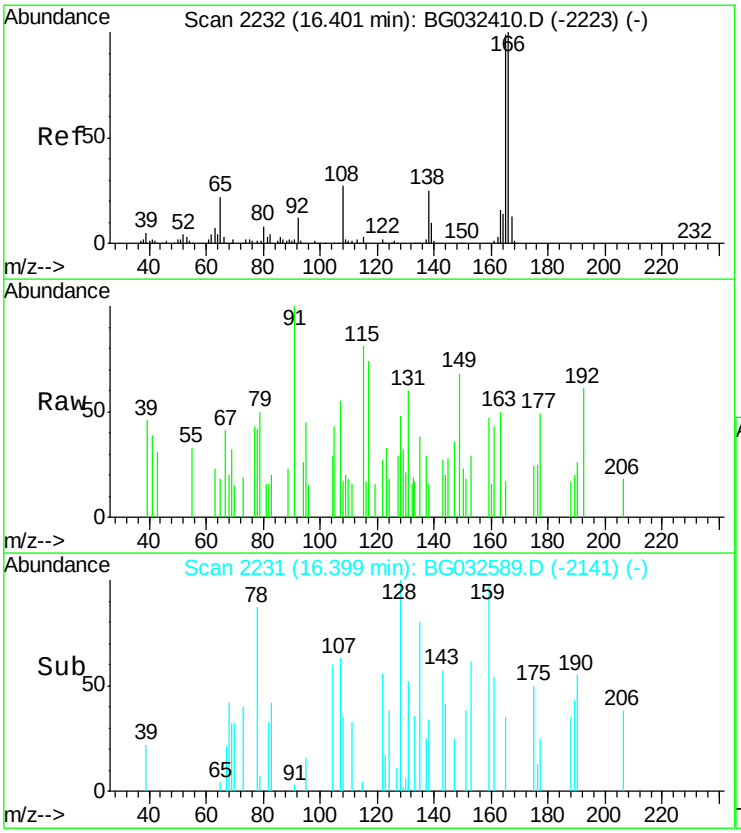
#60
4-Chlorophenyl-phenylether
Concen: 0.035 ng
RT: 16.38 min Scan# 2228
Delta R.T. 0.02 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:204 Resp: 124

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.2	39.2#
141	125.8	45.8	68.6#

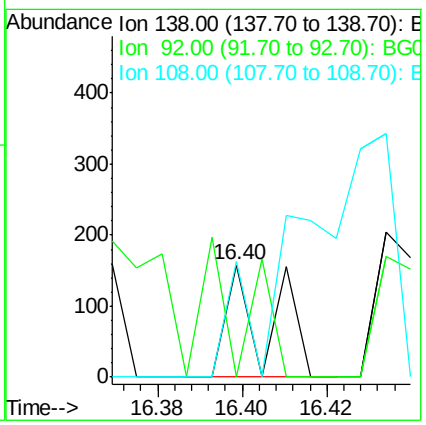


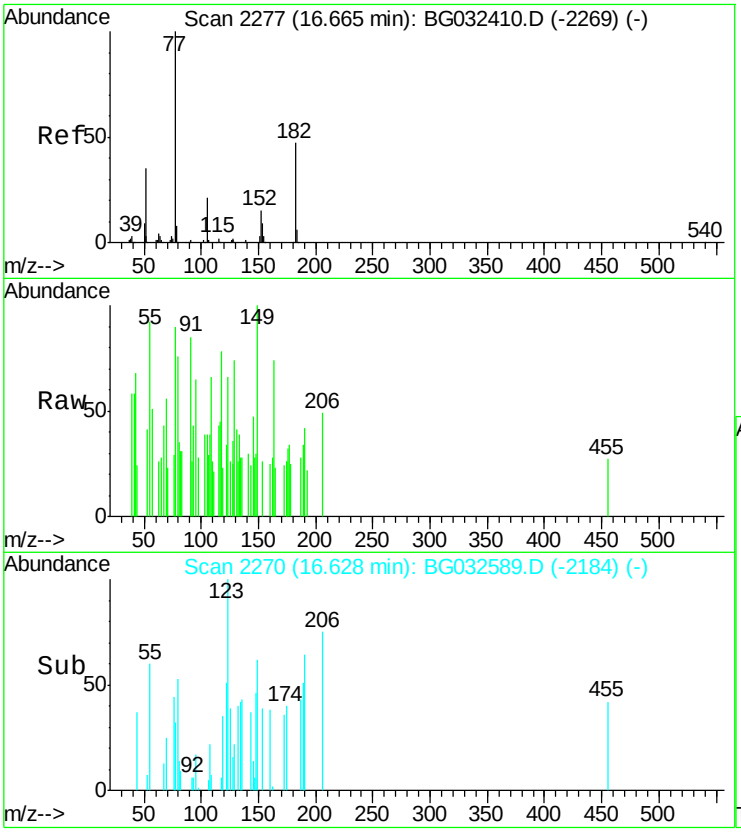


#61
4-Nitroaniline
Concen: 0.092 ng
RT: 16.40 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:138 Resp: 111

Ion	Ratio	Lower	Upper
138	100		
92	0.0	40.1	80.1#
108	103.2	65.4	105.4



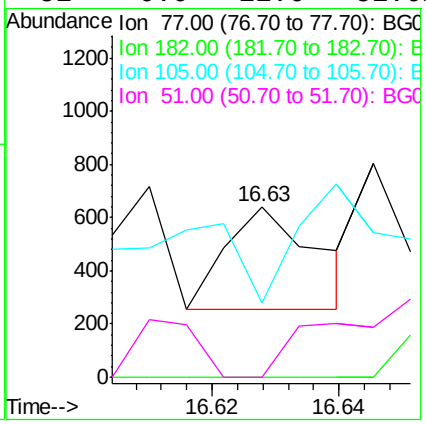


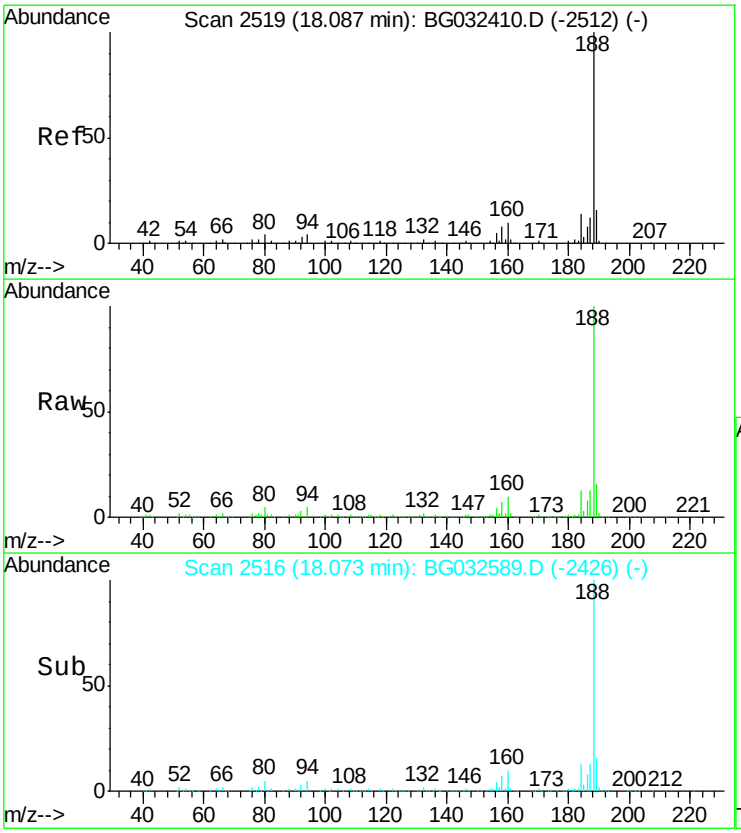
#62
Azobenzene
Concen: 0.105 ng
RT: 16.63 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion: 77 Resp: 375

Ion	Ratio	Lower	Upper
77	100		
182	0.0	7.4	47.4#
105	43.6	0.3	40.3#
51	0.0	11.6	51.6#

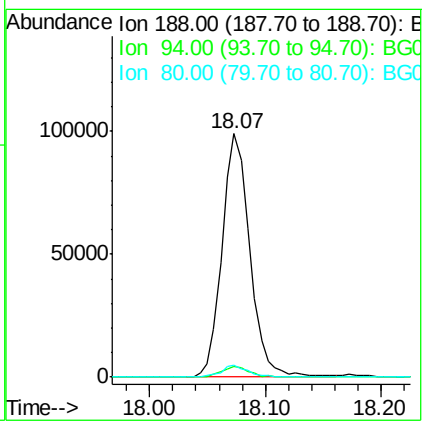


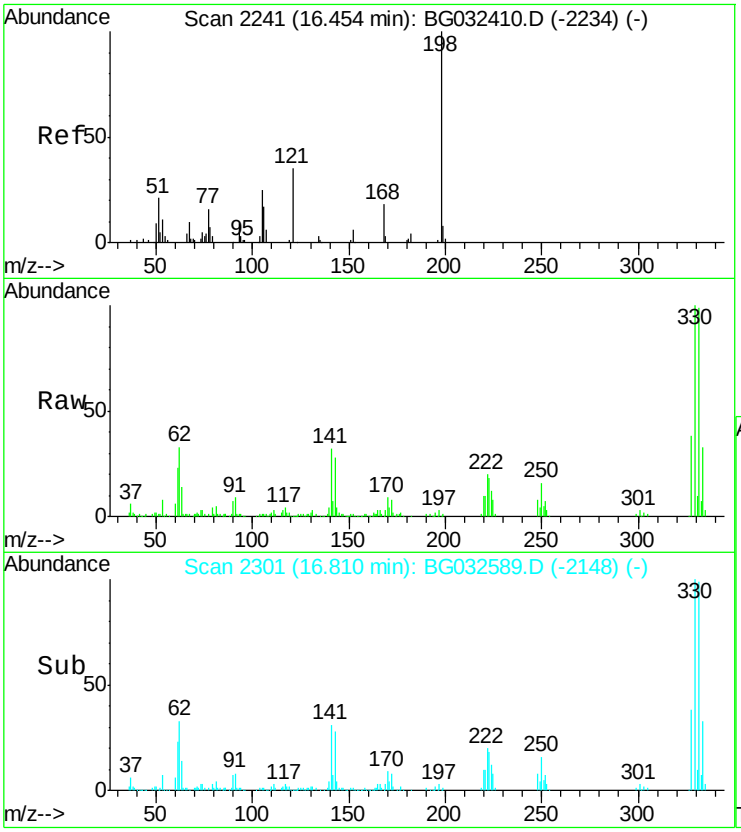


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.07 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:188 Resp: 165456

Ion	Ratio	Lower	Upper
188	100		
94	4.6	6.9	10.3#
80	5.1	7.7	11.5#



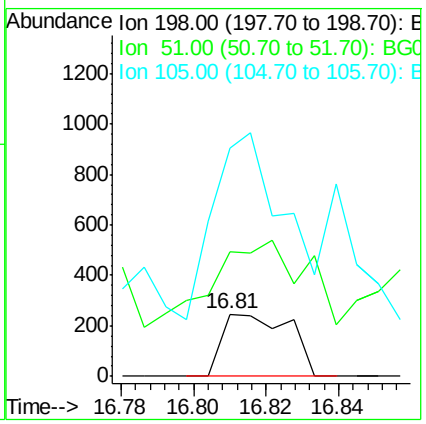


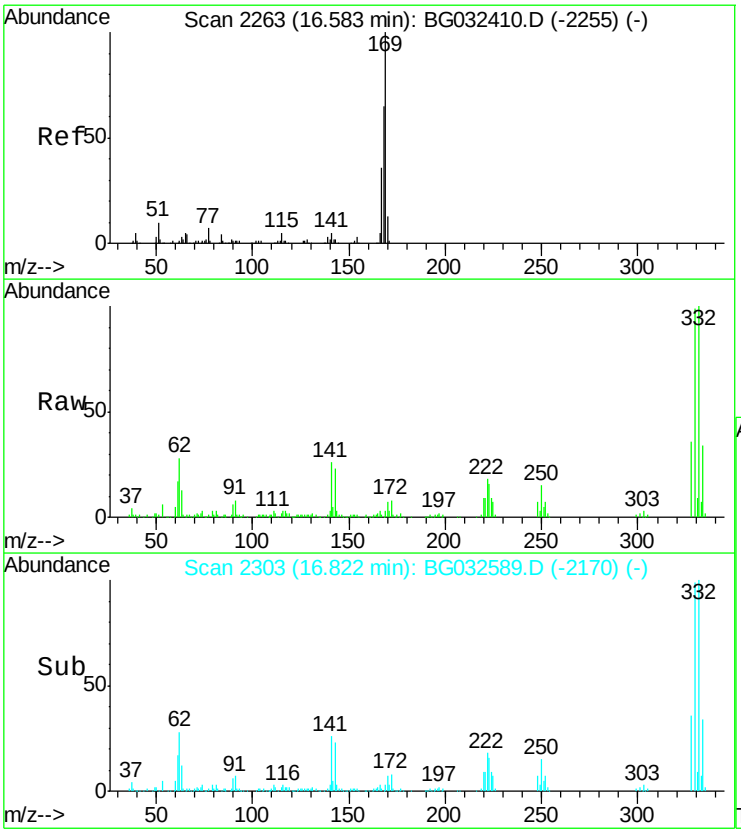
#64
4,6-Dinitro-2-methylphenol
Concen: 0.256 ng
RT: 16.81 min Scan# 2301
Delta R.T. 0.37 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:198 Resp: 316

Ion	Ratio	Lower	Upper
198	100		
51	201.2	30.6	70.6#
105	369.0	23.8	63.8#

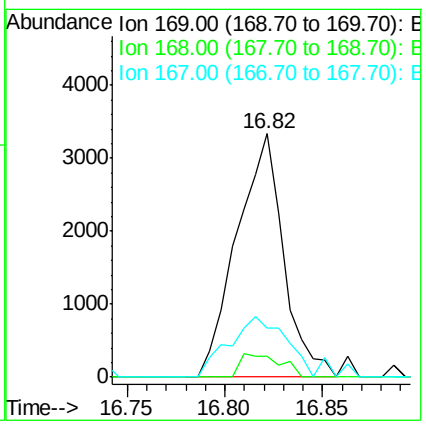


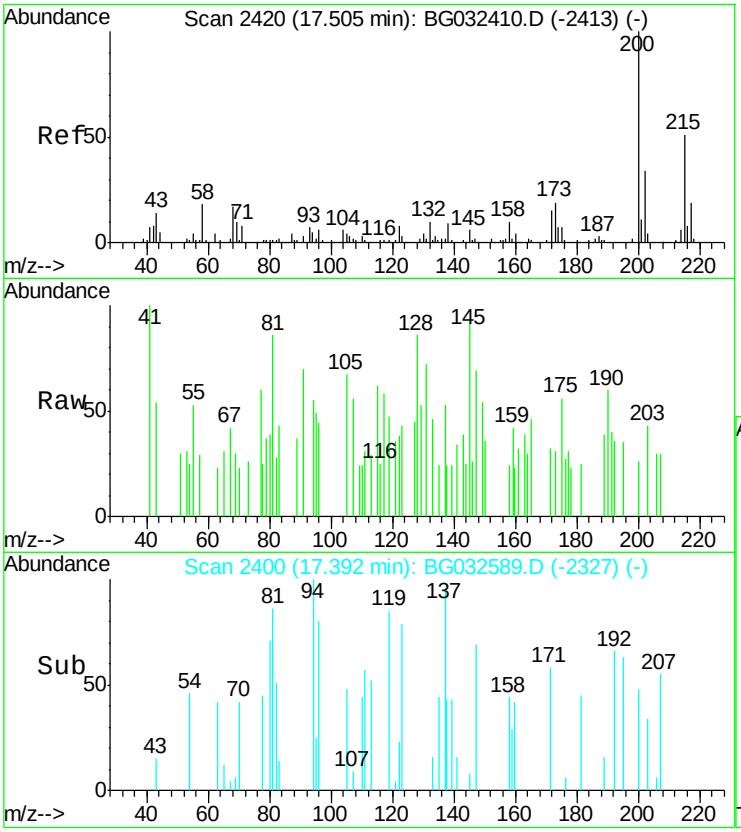


#65
n-Nitrosodiphenylamine
Concen: 1.118 ng
RT: 16.82 min Scan# 2303
Delta R.T. 0.25 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:169 Resp: 5518

Ion	Ratio	Lower	Upper
169	100		
168	8.7	55.7	83.5#
167	20.0	30.1	45.1#



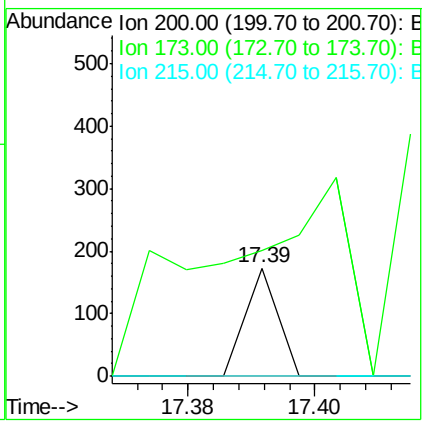


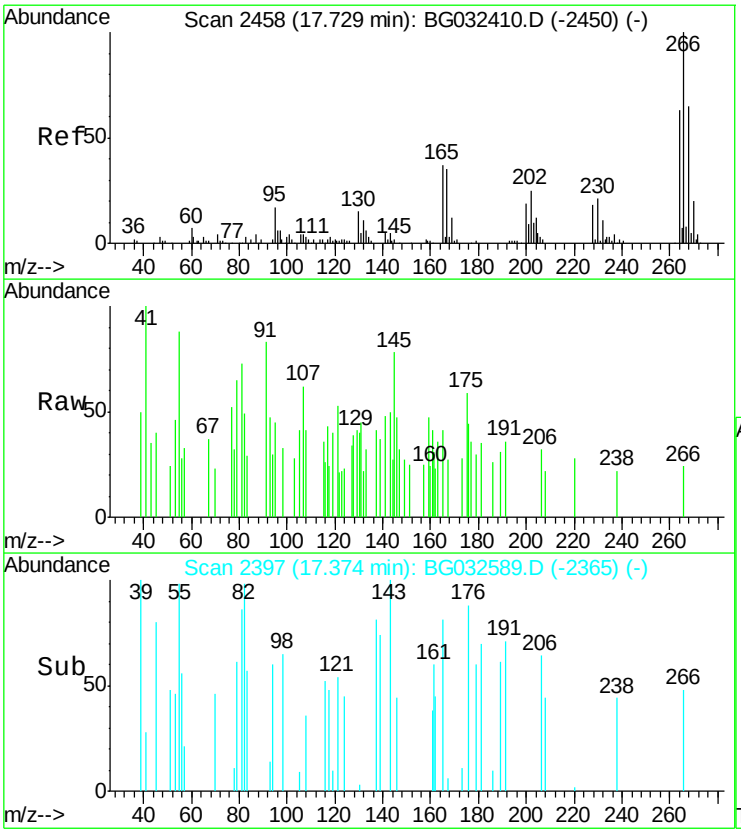
#68
Atrazine
Concen: 0.029 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.10 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:200 Resp: 61

Ion	Ratio	Lower	Upper
200	100		
173	116.2	5.2	45.2#
215	0.0	30.4	70.4#

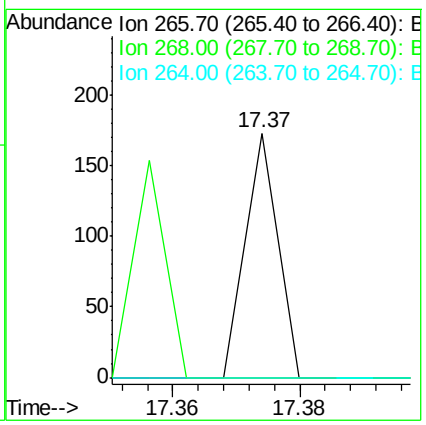


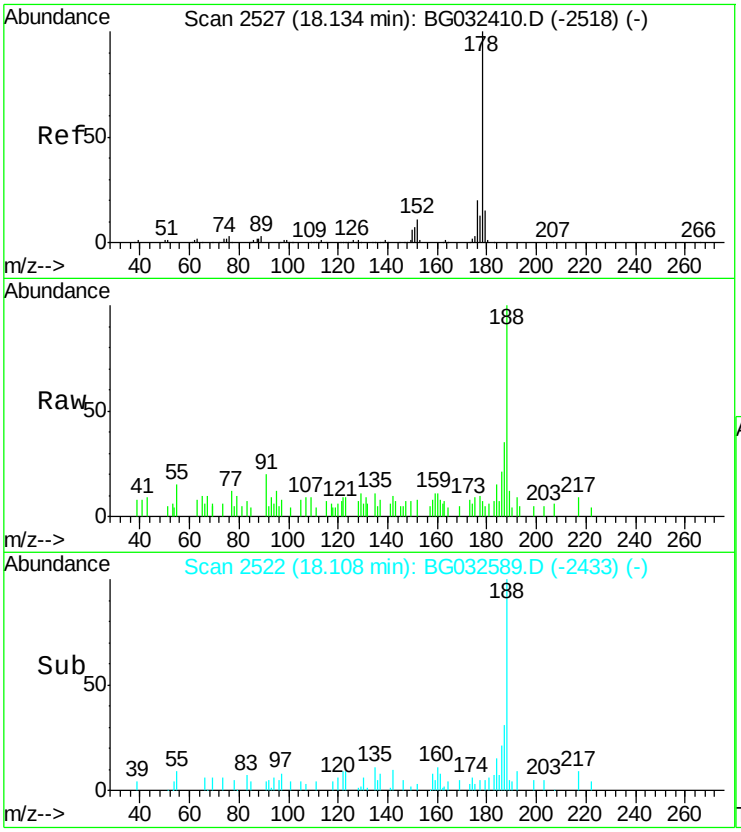


#69
Pentachlorophenol
Concen: 0.036 ng
RT: 17.37 min Scan# 2397
Delta R.T. -0.34 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:266 Resp: 61

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



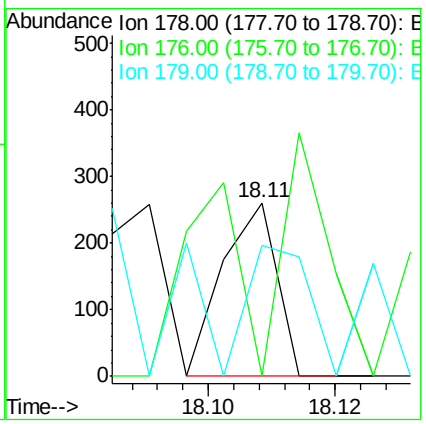


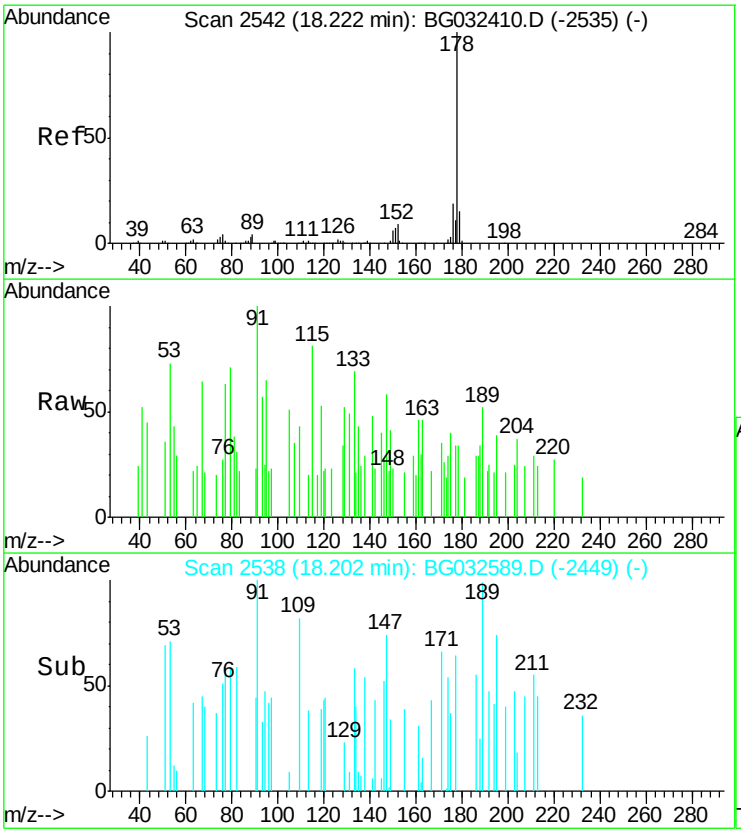
#70
Phenanthrene
Concen: 0.017 ng
RT: 18.11 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:178 Resp: 154

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.7	23.5#
179	75.1	12.5	18.7#

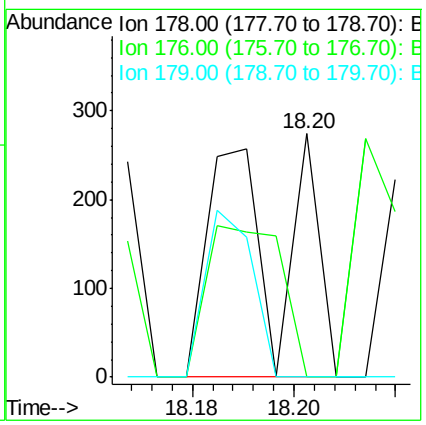


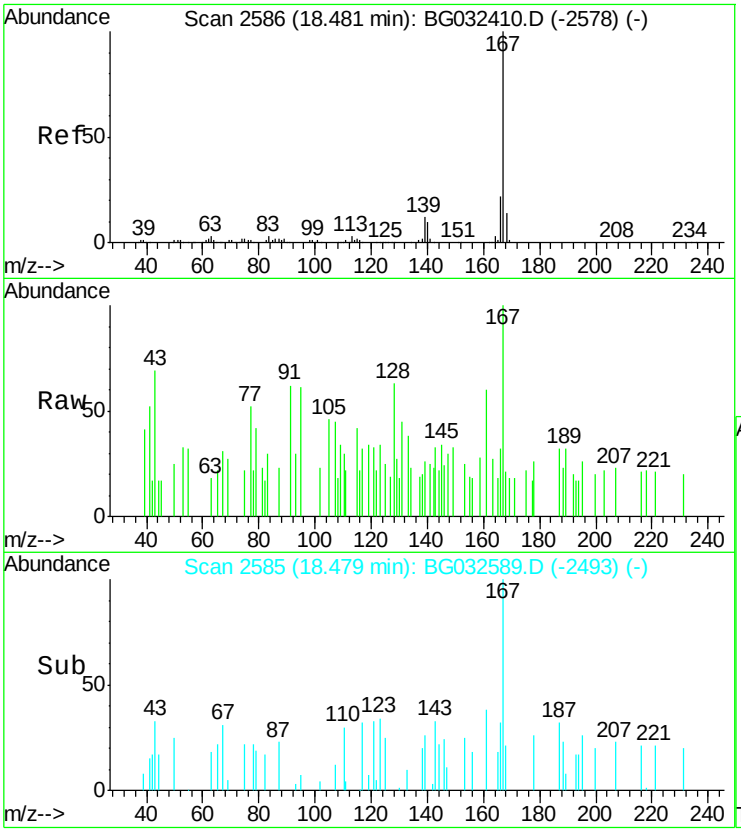


#71
Anthracene
Concen: 0.030 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:178 Resp: 275

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



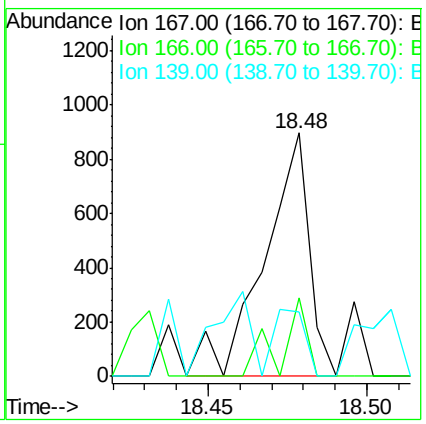


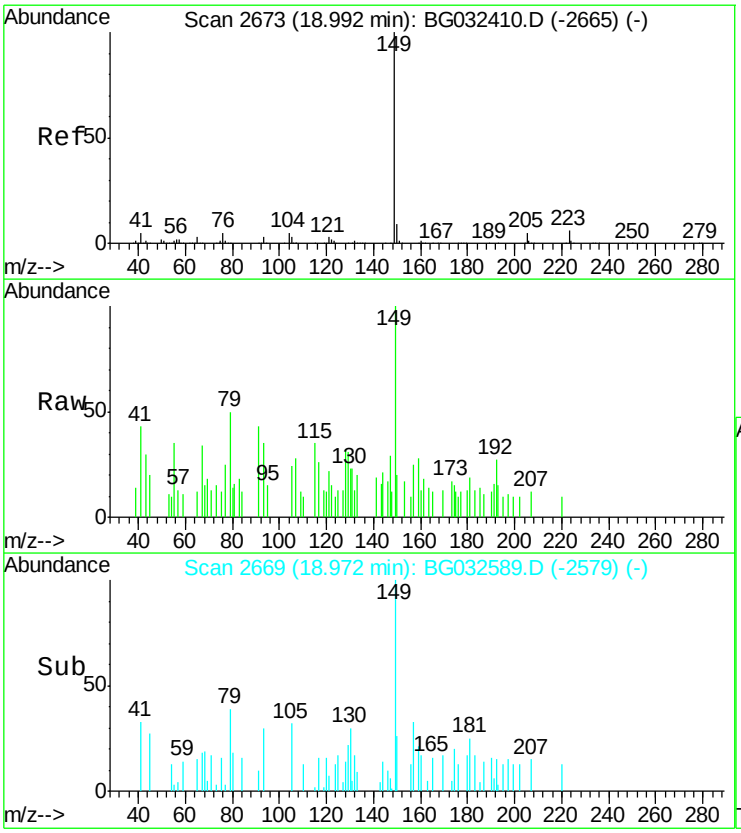
#72
Carbazole
Concen: 0.109 ng
RT: 18.48 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:167 Resp: 886

Ion	Ratio	Lower	Upper
167	100		
166	32.1	18.2	27.4#
139	26.2	9.4	14.2#

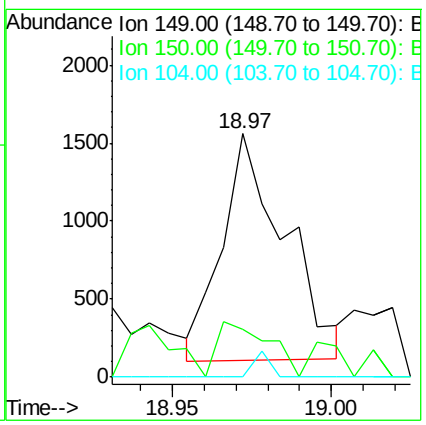


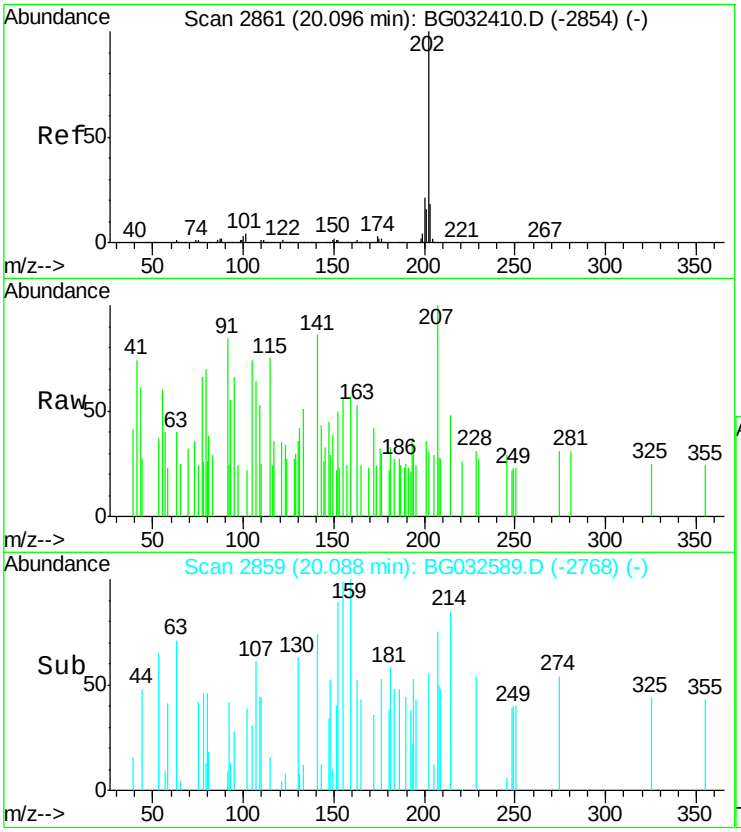


#73
Di-n-butylphthalate
Concen: 0.222 ng
RT: 18.97 min Scan# 2669
Delta R.T. -0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:149 Resp: 1994

Ion	Ratio	Lower	Upper
149	100		
150	19.7	7.8	11.6#
104	0.0	3.9	5.9#



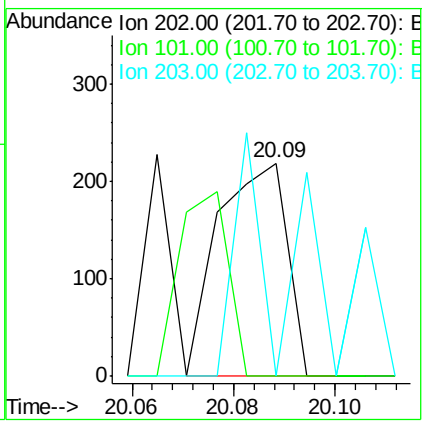


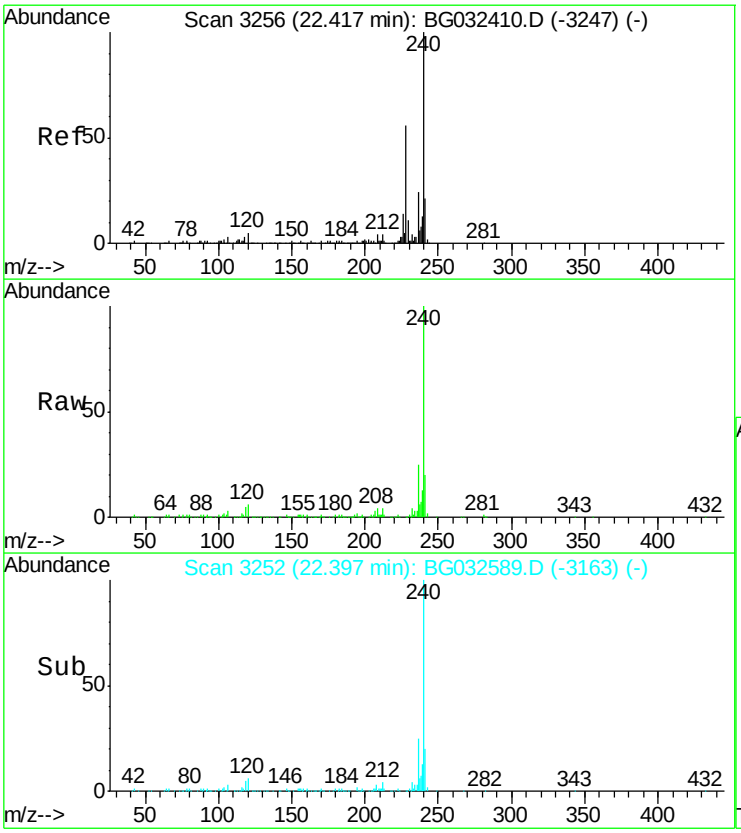
#74
Fluoranthene
Concen: 0.017 ng
RT: 20.09 min Scan# 2859
Delta R.T. 0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:202 Resp: 206

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

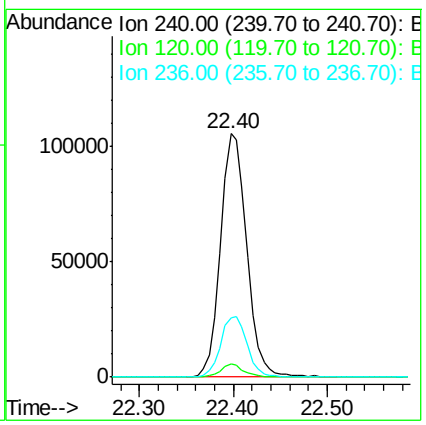


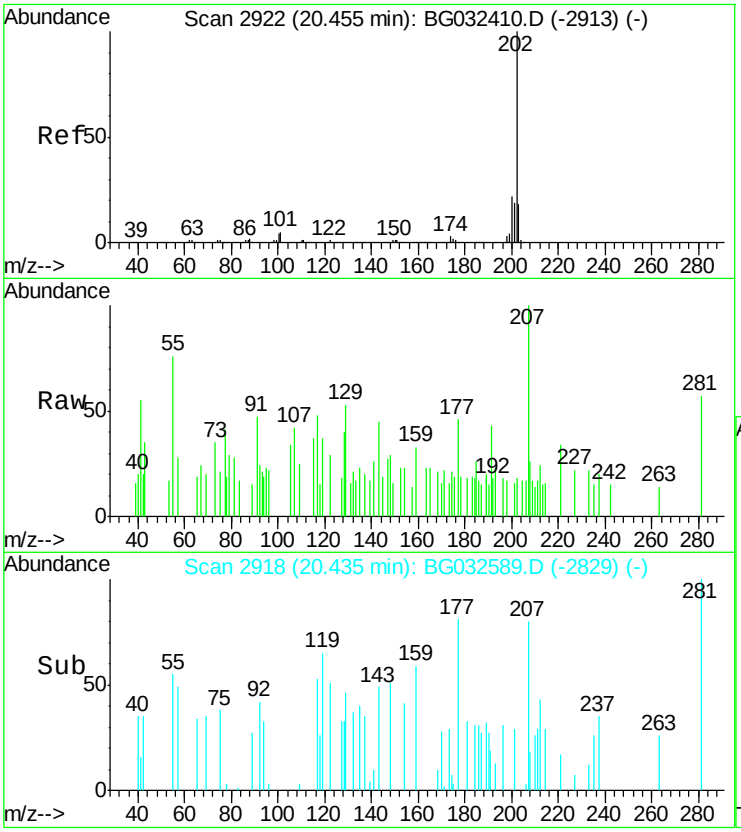


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:240 Resp: 204444

Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	24.6	20.9	31.3



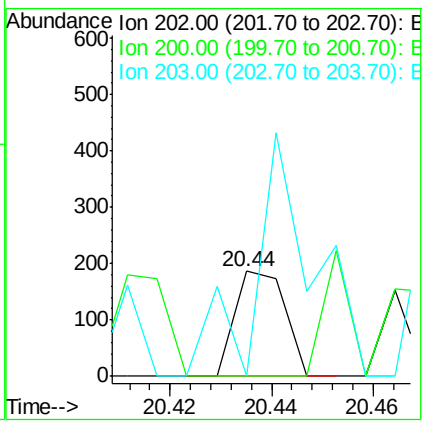


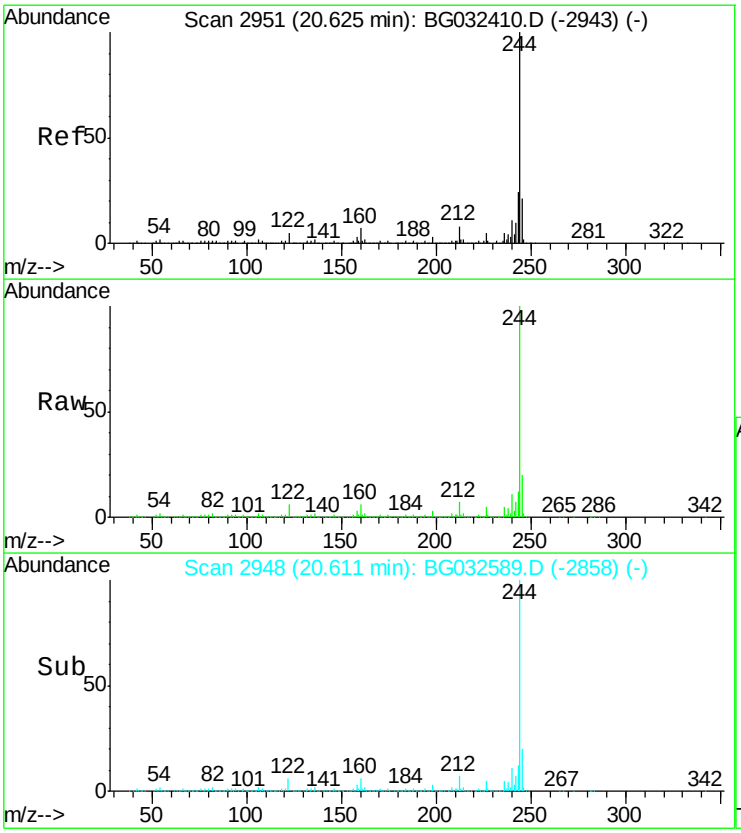
#77
Pyrene
Concen: 0.010 ng
RT: 20.44 min Scan# 2918
Delta R.T. -0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:202 Resp: 127

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

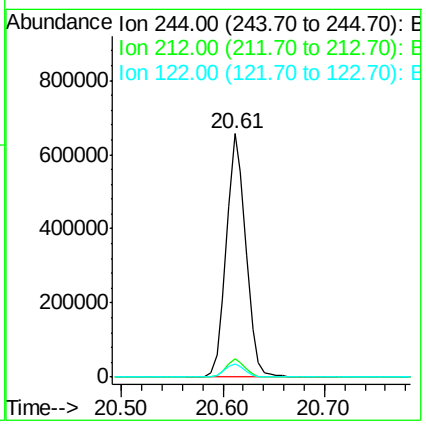


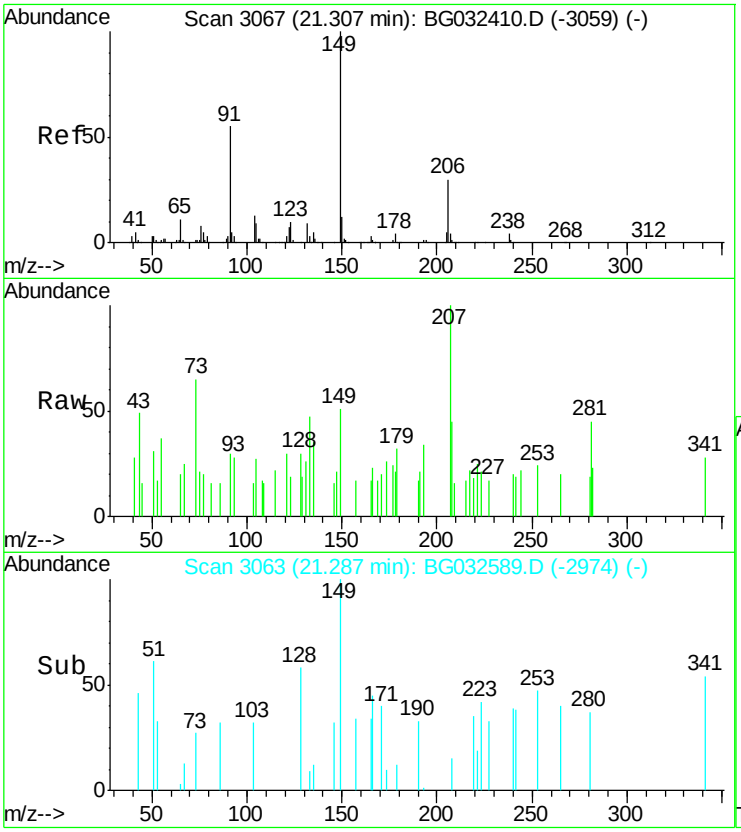


#78
Terphenyl-d14
Concen: 92.010 ng
RT: 20.61 min Scan# 2948
Delta R.T. -0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:244 Resp: 878163

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	5.6	7.0	10.4#



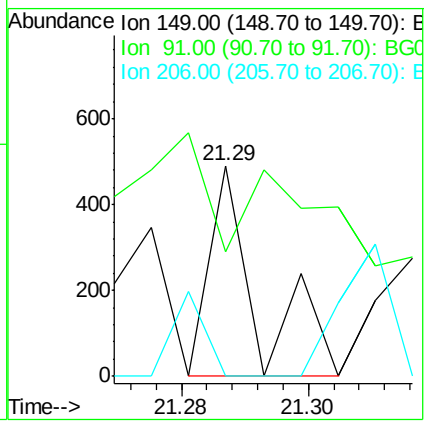


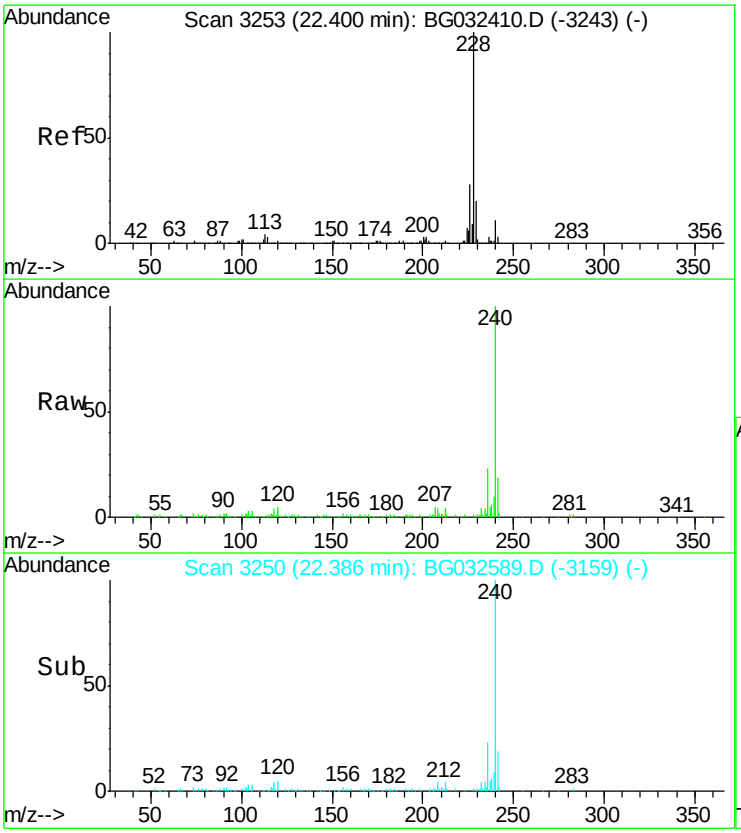
#79
Butylbenzylphthalate
Concen: 0.065 ng
RT: 21.29 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:149 Resp: 258

Ion	Ratio	Lower	Upper
149	100		
91	59.1	62.2	93.2#
206	0.0	18.6	27.8#

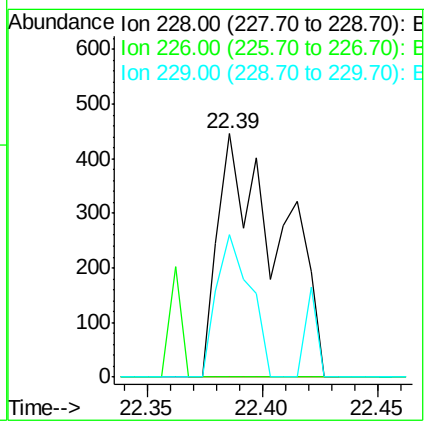


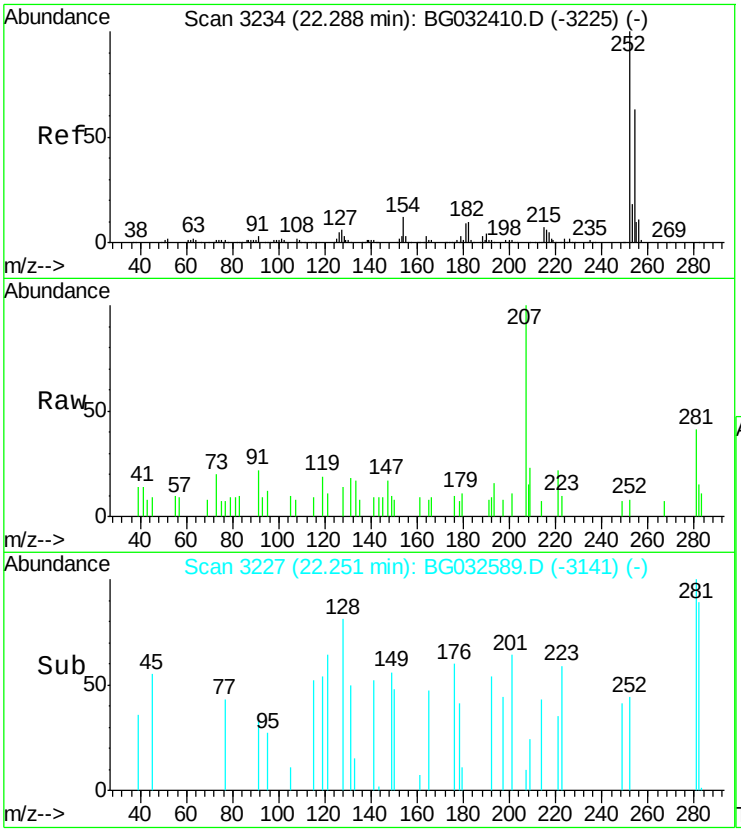


#80
Benzo(a)anthracene
Concen: 0.065 ng
RT: 22.39 min Scan# 3250
Delta R.T. 0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:228 Resp: 824

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.7	34.1#
229	58.3	16.2	24.2#



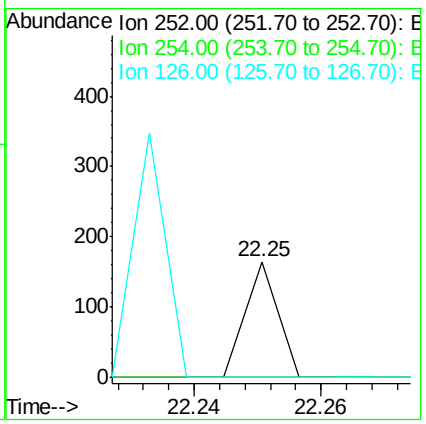


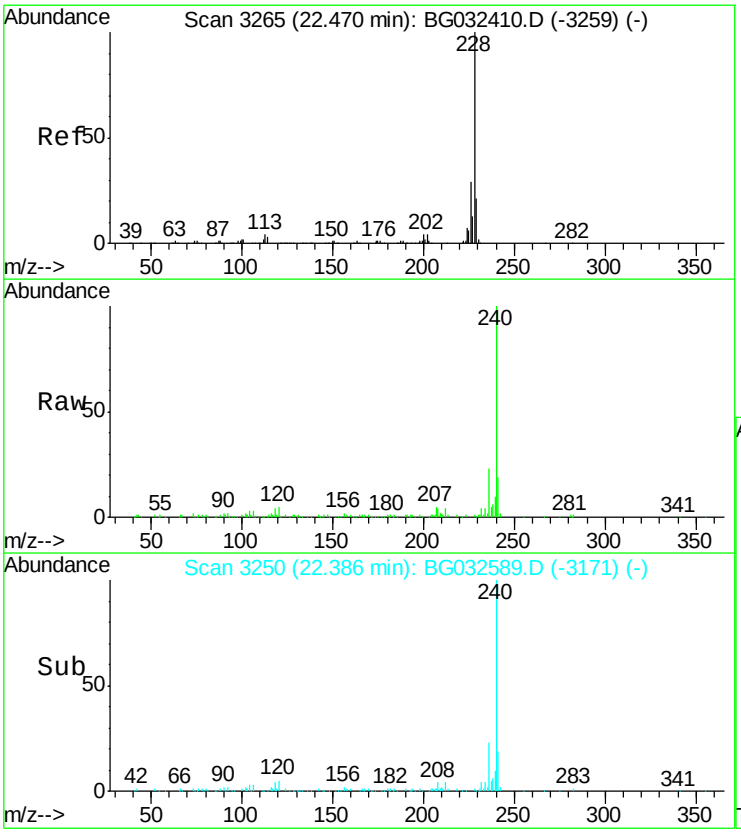
#81
3,3'-Dichlorobenzidine
Concen: 0.012 ng
RT: 22.25 min Scan# 3227
Delta R.T. -0.03 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:252 Resp: 58

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

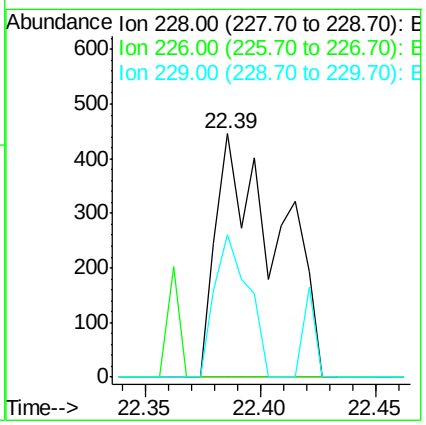


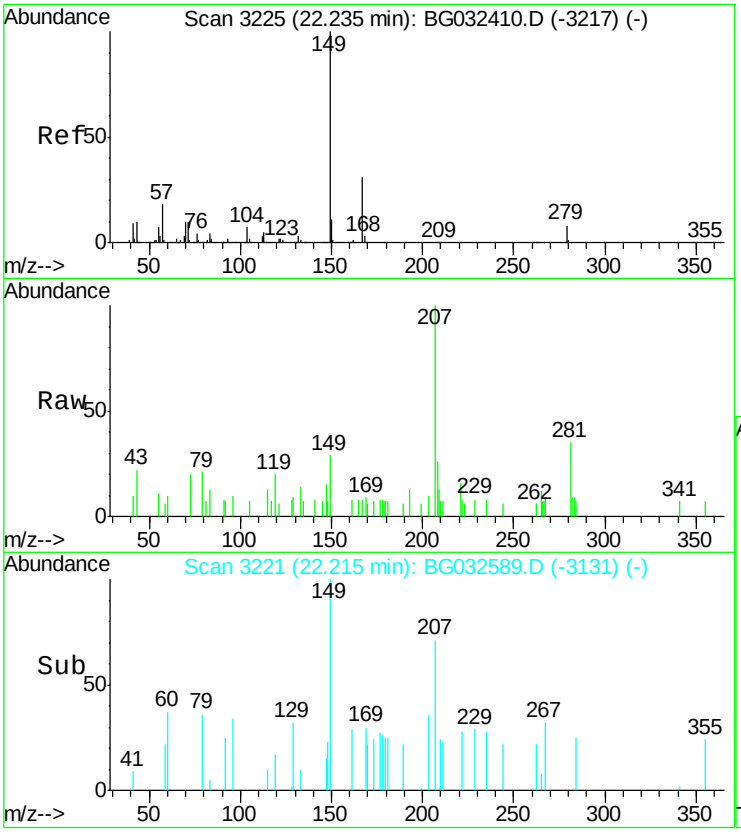


#82
Chrysene
Concen: 0.067 ng
RT: 22.39 min Scan# 3250
Delta R.T. -0.07 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:228 Resp: 824

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	58.3	15.0	22.4#



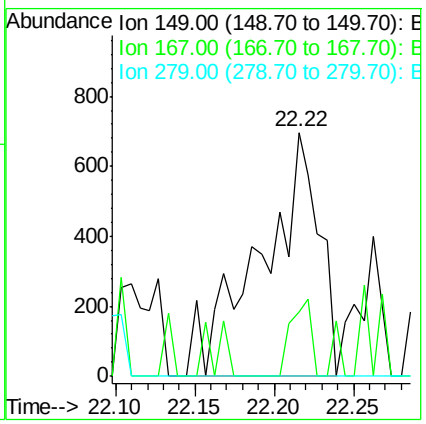


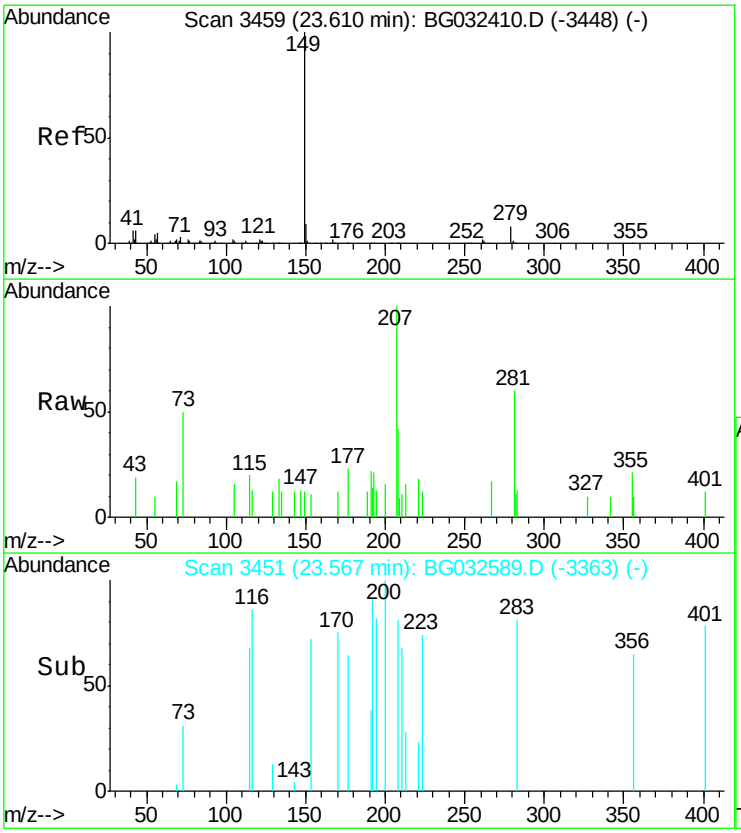
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.316 ng
RT: 22.22 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:149 Resp: 1770

Ion	Ratio	Lower	Upper
149	100		
167	26.6	24.3	36.5
279	0.0	4.0	6.0#

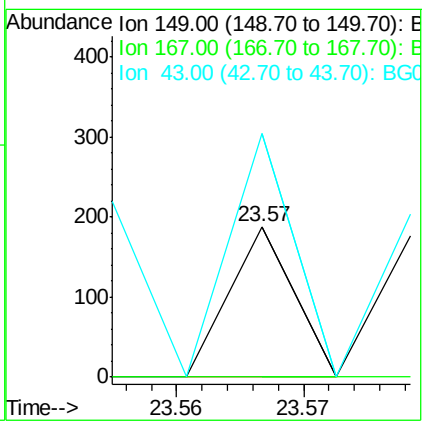


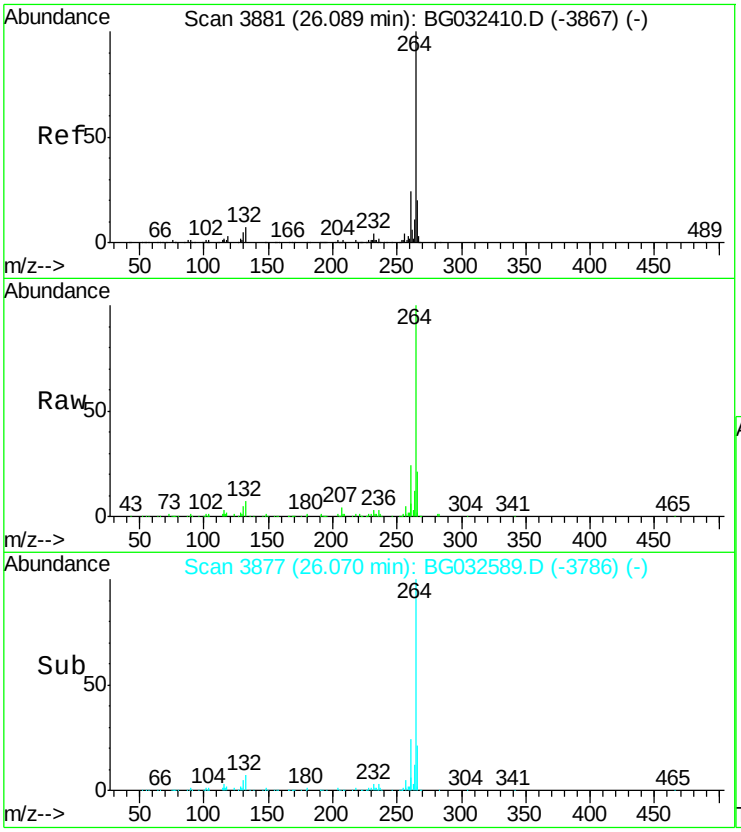


#84
Di-n-octyl phthalate
Concen: 0.007 ng
RT: 23.57 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:149 Resp: 66

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	271.2	8.9	13.3#



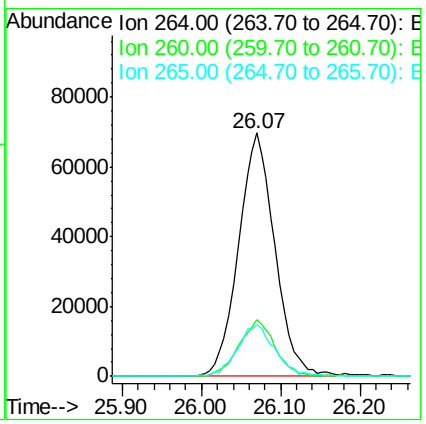


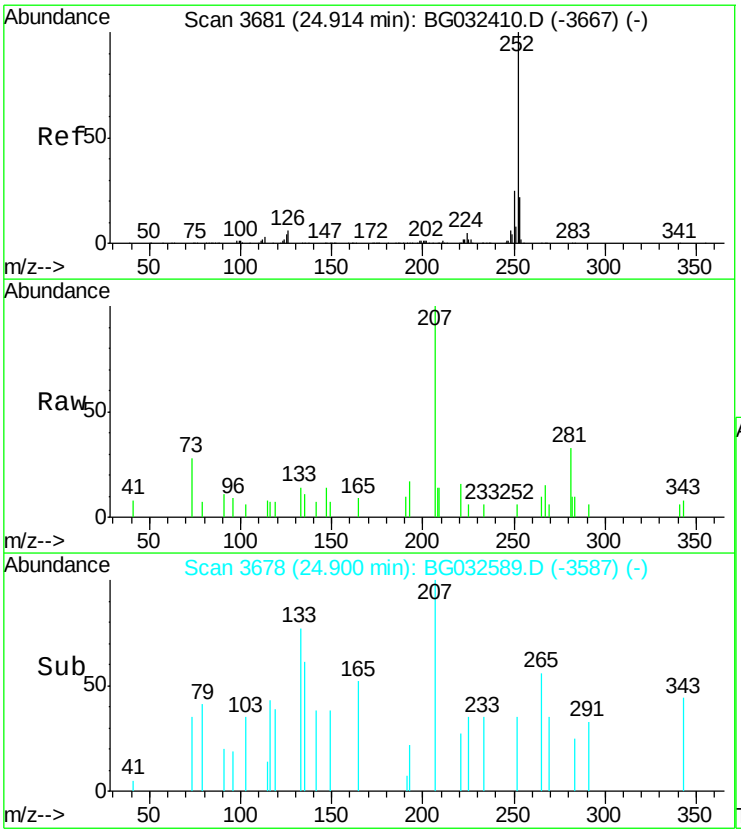
#86
Perylene-d12
Concen: 20.000 ng
RT: 26.07 min Scan# 3877
Delta R.T. 0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:264 Resp: 221102

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.2	17.7	26.5

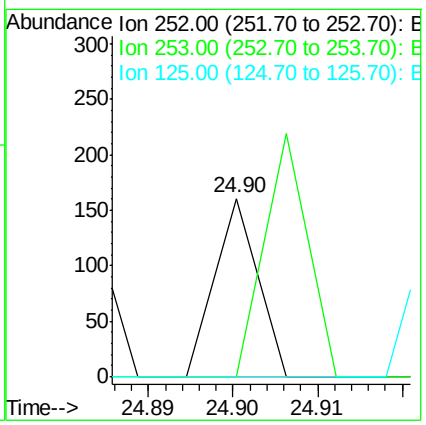


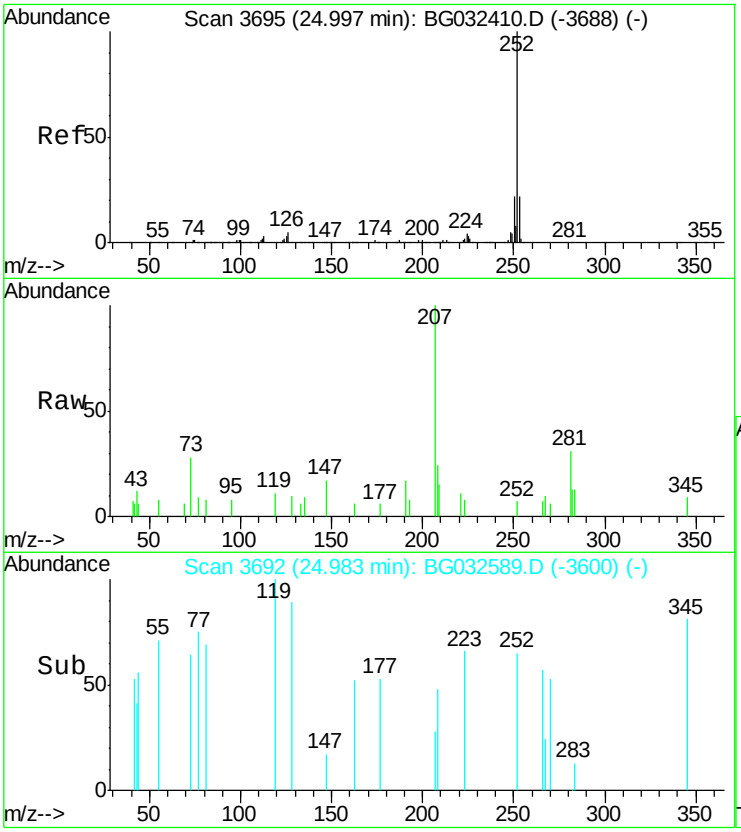


#87
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 24.90 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:252 Resp: 57

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	0.0	7.2	10.8#



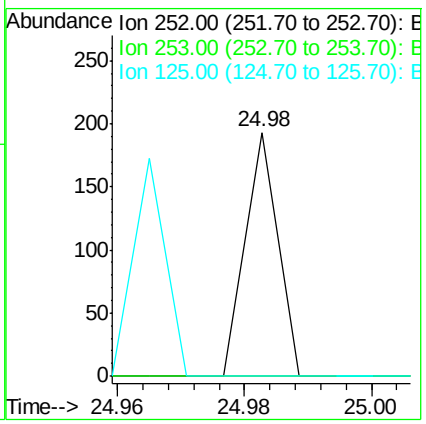


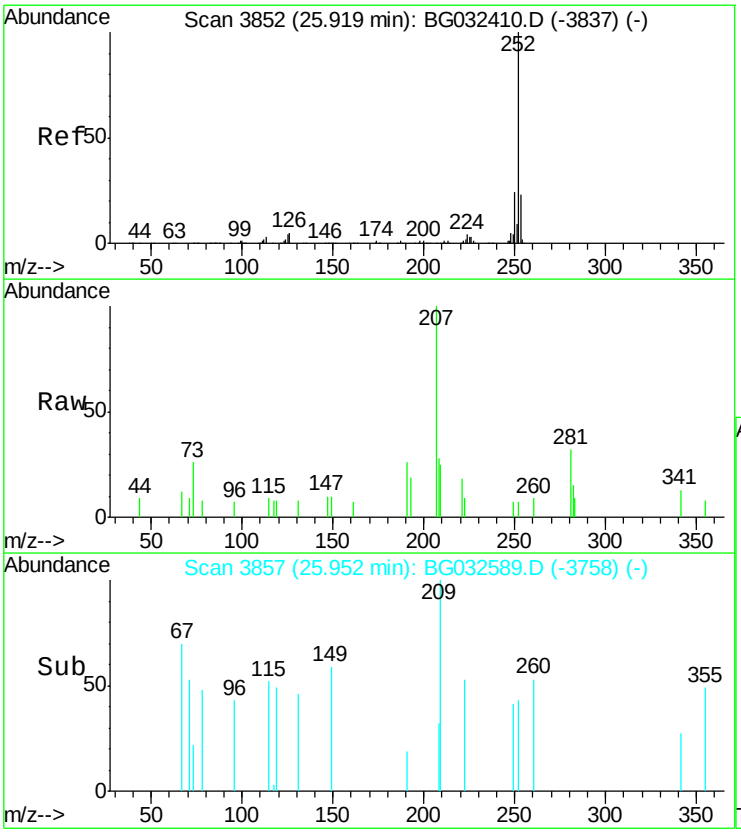
#88
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 24.98 min Scan# 3692
Delta R.T. 0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

Tgt Ion:252 Resp: 68

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	6.6	9.8#





#89
Benzo(a)pyrene
Concen: 0.004 ng
RT: 25.95 min Scan# 3857
Delta R.T. 0.05 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:252 Resp: 56

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