Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Time: Feb 07 07:16:07 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	8.71	152	18380	20.00	ng	0.00
21) Naphthalene-d8	11.58	136	73341	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	54895	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	122536	20.00	ng	0.00
75) Chrysene-d12	22.40	240	150239	20.00	ng	0.00
86) Perylene-d12	26.07	264	170700	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	52000	56.83	ng	0.00
7) Phenol-d6	7.82	99	38767	31.75	ng	0.00
23) Nitrobenzene-d5	9.90	82	125746	107.09	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	178722	171.04	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	391910	84.85	ng	0.00
78) Terphenyl-d14	20.61	244	687377	98.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.91	88	57	0.185	ng	# 11
4) n-Nitrosodimethylamine	3.90	42	53	0.122	ng	# 1
10) Phenol	7.86	94	520	0.448	ng	# 36
14) 1,2-Dichlorobenzene	9.45	146	54	0.038	ng	# 25
15) Benzyl Alcohol	8.98	79	67	0.067	ng	# 18
20) 3+4-Methylphenols	9.83	107	73	0.055	ng	# 1
22) Acetophenone	9.53	105	491	0.286	ng	# 50
24) Nitrobenzene	9.91	77	958	0.844	ng	# 26
25) Isophorone	10.44	82	218	0.109	ng	# 69
26) 2-Nitrophenol	10.76	139	55	0.080	ng	# 29
28) bis(2-Chloroethoxy)methane	11.29	93	58	0.053	ng	# 1
29) 2,4-Dichlorophenol	11.70	162	93	0.071	ng	# 23
30) 1,2,4-Trichlorobenzene	10.99	180	54	0.031	ng	# 12
31) Naphthalene	11.63	128	898	0.251	ng	# 1
33) 4-Chloroaniline	11.68	127	860	0.538	ng	# 1
36) 4-Chloro-3-methylphenol	12.82	107	65	0.053	ng	# 22
37) 2-Methylnaphthalene	13.09	142	101	0.034	ng	# 11
45) 1,1'-Biphenyl	14.19	154	1123	0.242	ng	# 43
46) 2-Chloronaphthalene	14.25	162	115	0.032	ng	# 1
47) 2-Nitroaniline	14.42	65	251	0.312	ng	# 9
48) Acenaphthylene	15.09	152	118	0.021	ng	# 1
49) Dimethylphthalate	14.76	163	9992	1.974	ng	# 91
50) 2,6-Dinitrotoluene	15.13	165	345	0.325	ng	# 1
51) Acenaphthene	15.40	154	1600	0.420	ng	95
52) 3-Nitroaniline	15.23	138	298	0.321	ng	# 1
54) Dibenzofuran	15.74	168	2131	0.378	ng	# 83
55) 4-Nitrophenol	15.53	139	256	0.369	ng	# 1
56) 2,4-Dinitrotoluene	15.68	165	279	0.184	ng	# 70
57) Fluorene	16.37	166	504	0.108	ng	# 87
59) Diethylphthalate	16.11	149	2281	0.463	ng	# 81
60) 4-Chlorophenyl-phenylether	16.32	204	427	0.144	ng	# 28
61) 4-Nitroaniline	16.39	138	80	0.080	ng	# 11
62) Azobenzene	16.63	77	765	0.260	ng	# 36
64) 4,6-Dinitro-2-methylphenol	16.43	198	58	0.063	ng	# 1

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Data File : BG032584.D
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Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Time: Feb 07 07:16:07 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)
65) n-Nitrosodiphenylamine	16.57	169	177	0.048	ng	#	72
67) Hexachlorobenzene	17.87	284	56	0.028	ng	#	1
68) Atrazine	17.47	200	127	0.081	ng	#	1
69) Pentachlorophenol	17.53	266	67	0.053	ng	#	19
70) Phenanthrene	18.12	178	966	0.141	ng	#	38
71) Anthracene	18.20	178	486	0.071	ng	#	1
72) Carbazole	18.47	167	2572	0.428	ng	#	47
73) Di-n-butylphthalate	18.98	149	1903	0.286	ng	#	68
74) Fluoranthene	20.05	202	148	0.017	ng		65
76) Benzidine	20.38	184	436	0.148	ng	#	1
77) Pyrene	20.43	202	211	0.023	ng	#	1
79) Butylbenzylphthalate	21.29	149	80	0.028	ng	#	1
80) Benzo(a)anthracene	22.39	228	62	0.007	ng	#	50
81) 3,3'-Dichlorobenzidine	22.25	252	82	0.023	ng	#	26
82) Chrysene	22.41	228	236	0.026	ng	#	32
83) Bis(2-ethylhexyl)phthalate	22.21	149	1050	0.255	ng	#	94
84) Di-n-octyl phthalate	23.56	149	138	0.021	ng	#	1
85) Indeno(1,2,3-cd)pyrene	30.59	276	58	0.005	ng	#	53
87) Benzo(b)fluoranthene	24.46	252	54	0.005	ng	#	59
88) Benzo(k)fluoranthene	24.46	252	54	0.005	ng	#	60
89) Benzo(a)pyrene	26.01	252	131	0.013	ng	#	59
90) Dibenzo(a,h)anthracene	30.20	278	53	0.005	ng	#	58

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

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Instrument : BNA_G
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Quant Time: Feb 07 07:16:07 2018
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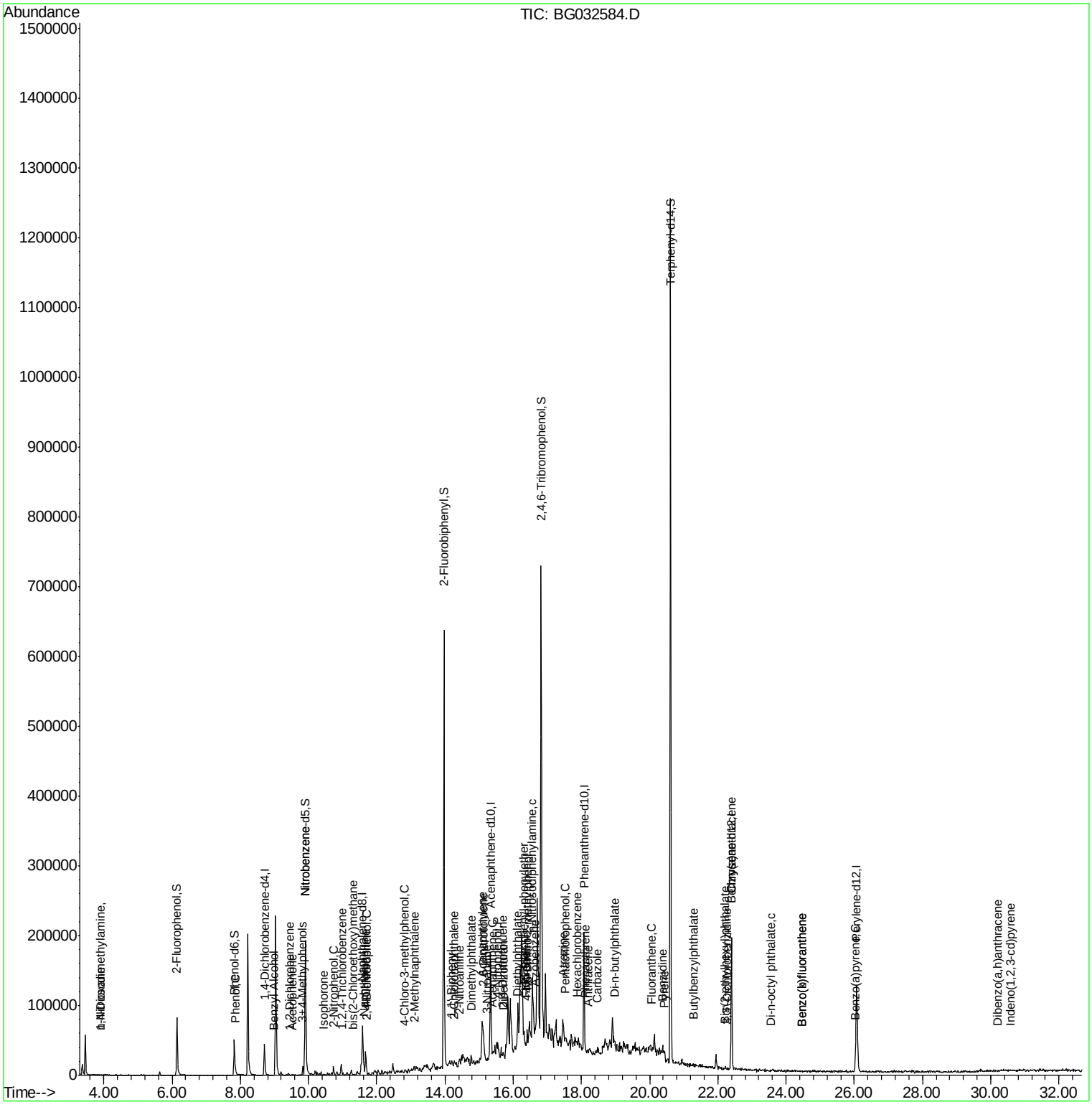
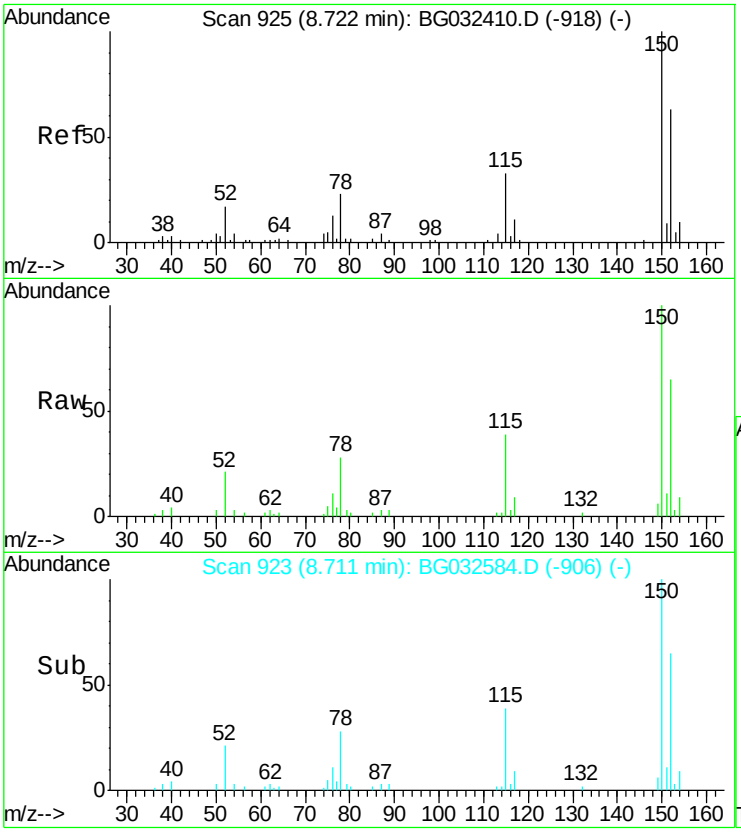


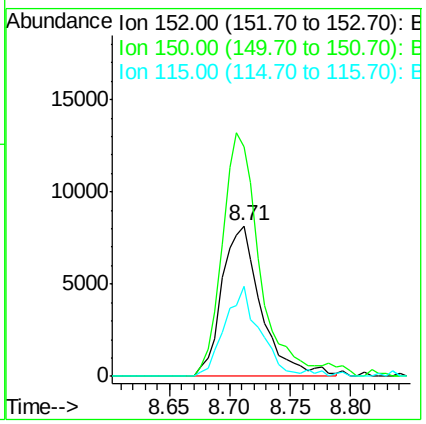


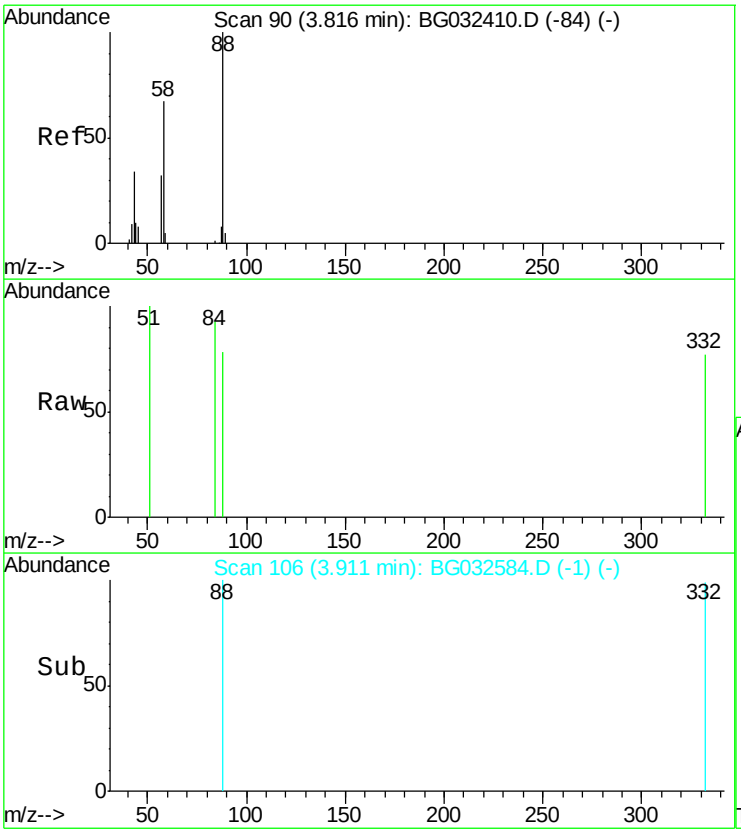
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. 0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:152 Resp: 18380

Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.6	189.8
115	59.8	53.0	79.4

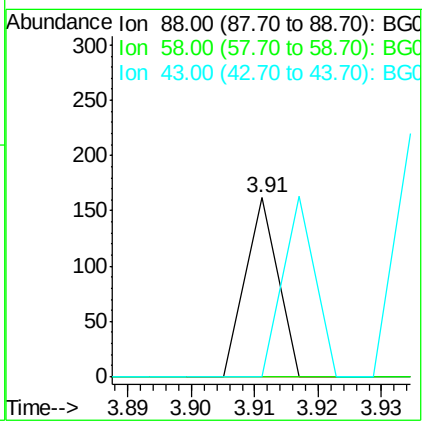


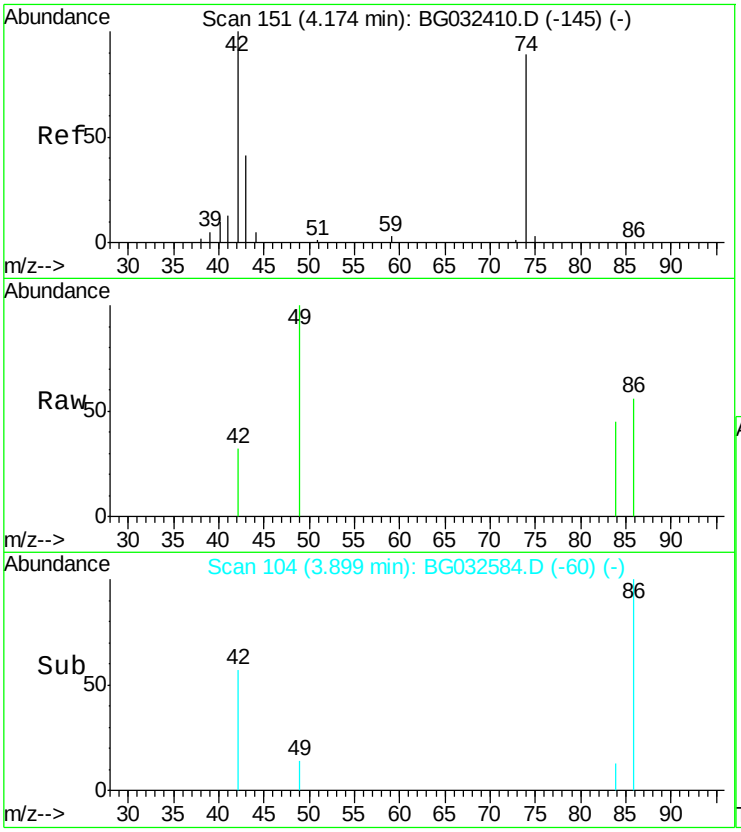


#2
1,4-Dioxane
Concen: 0.185 ng
RT: 3.91 min Scan# 106
Delta R.T. 0.10 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion: 88 Resp: 57

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



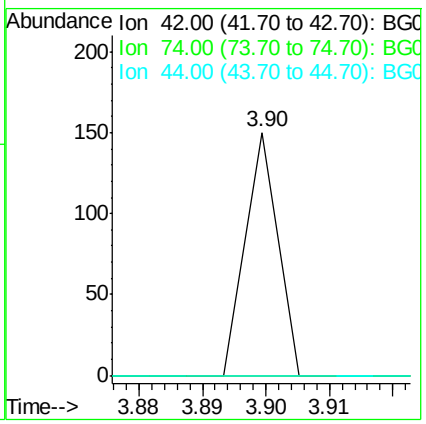


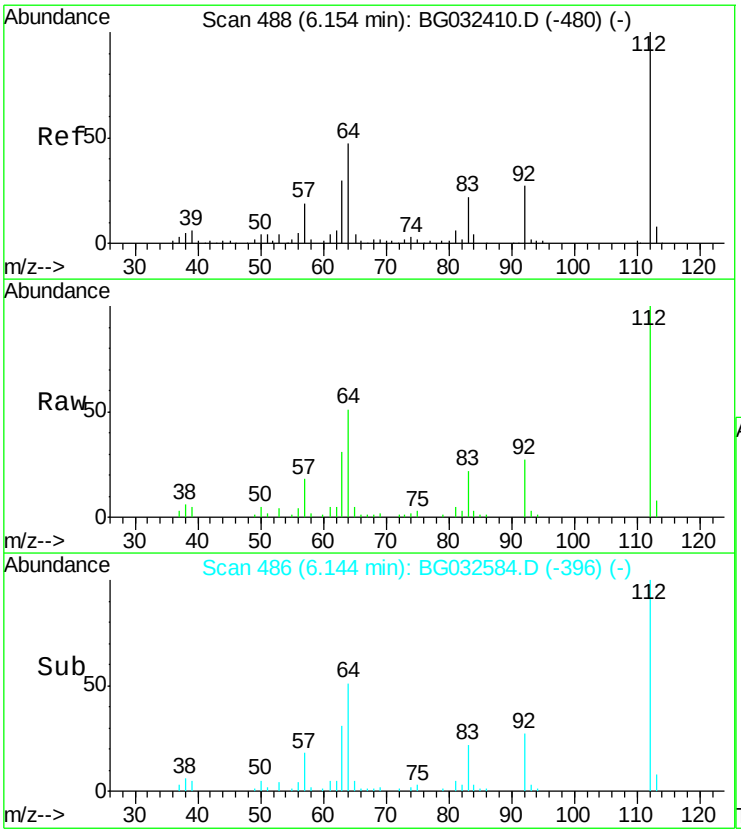
#4
n-Nitrosodimethylamine
Concen: 0.122 ng
RT: 3.90 min Scan# 104
Delta R.T. -0.27 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion: 42 Resp: 53

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

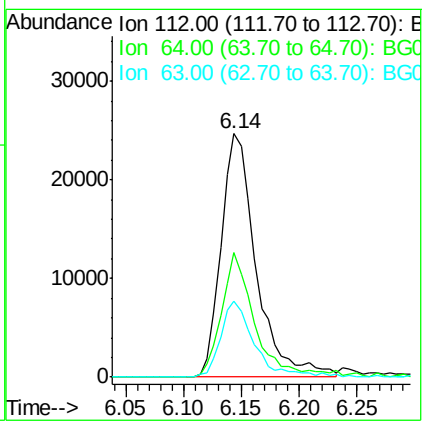


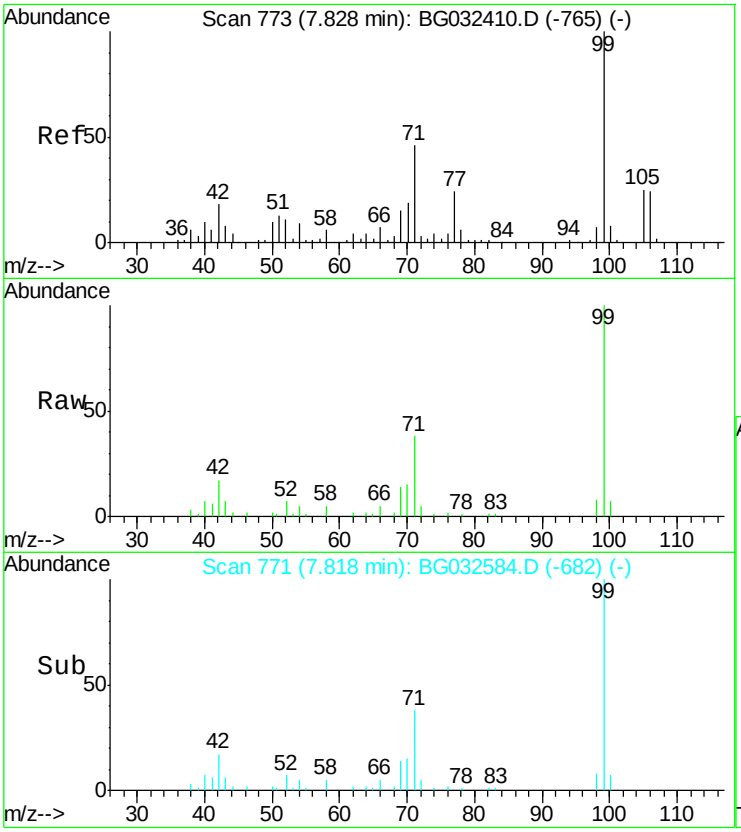


#5
2-Fluorophenol
Concen: 56.825 ng
RT: 6.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:112 Resp: 52000

Ion	Ratio	Lower	Upper
112	100		
64	51.0	56.3	84.5#
63	31.4	30.1	45.1



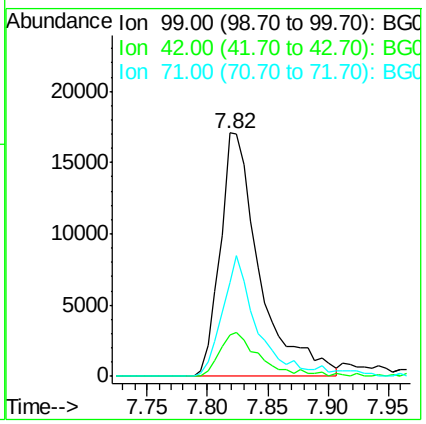


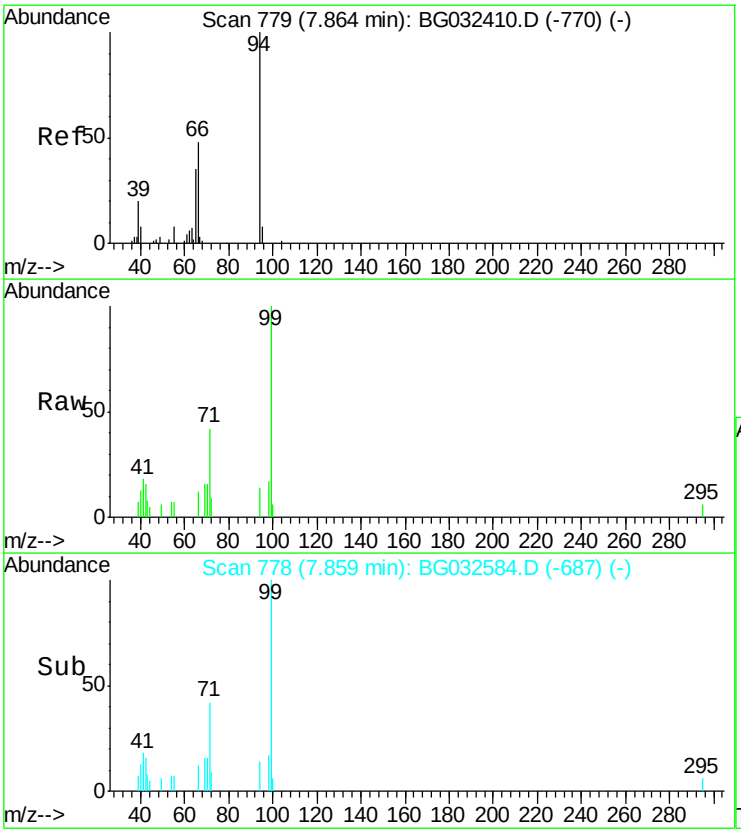
#7
Phenol-d6
Concen: 31.748 ng
RT: 7.82 min Scan# 771
Delta R.T. -0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion: 99 Resp: 38767

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.1	21.1
71	38.5	26.1	39.1

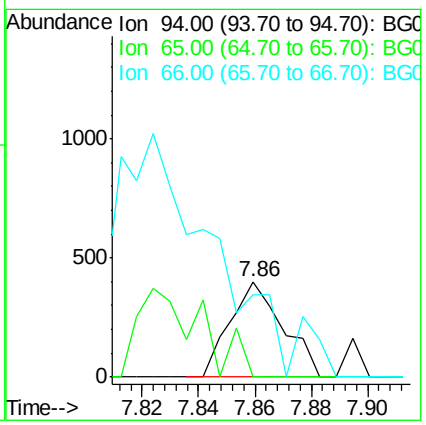


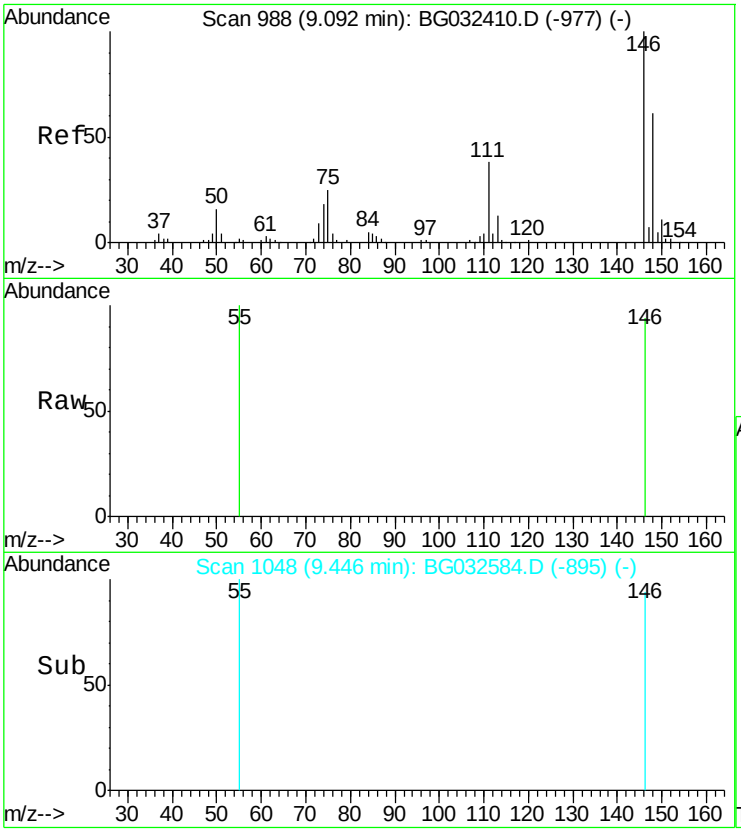


#10
Phenol
Concen: 0.448 ng
RT: 7.86 min Scan# 778
Delta R.T. 0.01 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion: 94 Resp: 520

Ion	Ratio	Lower	Upper
94	100		
65	0.0	11.9	51.9#
66	85.5	22.2	62.2#



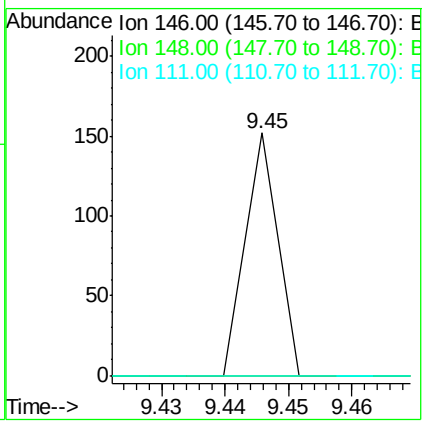


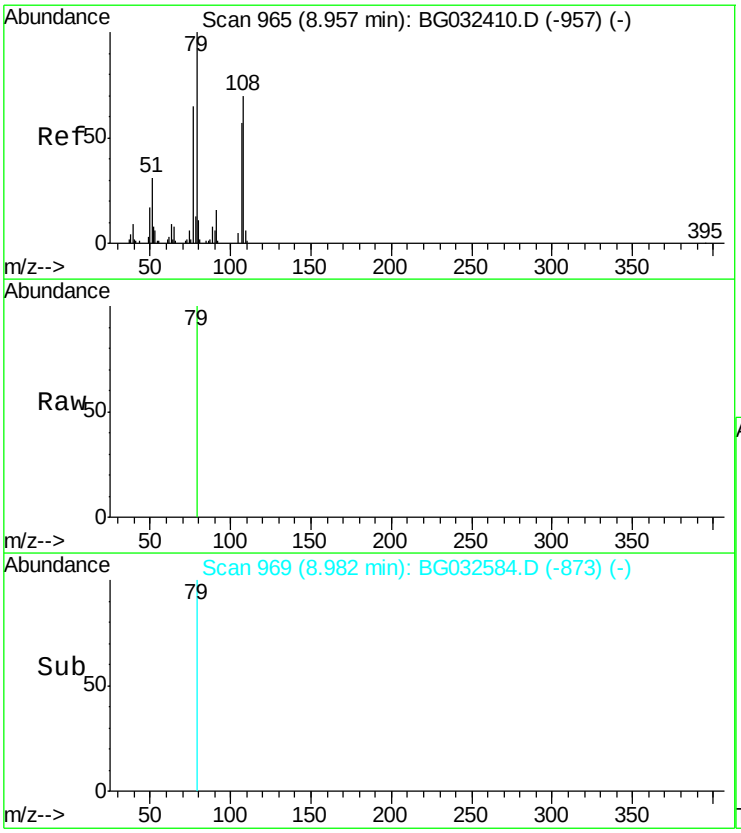
#14
1,2-Dichlorobenzene
Concen: 0.038 ng
RT: 9.45 min Scan# 1048
Delta R.T. 0.37 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:146 Resp: 54

Ion	Ratio	Lower	Upper
146	100		
148	0.0	49.3	73.9#
111	0.0	34.3	51.5#

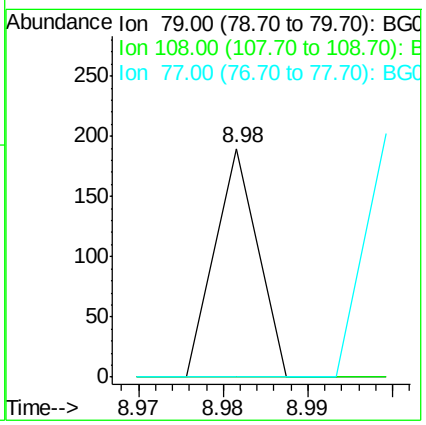


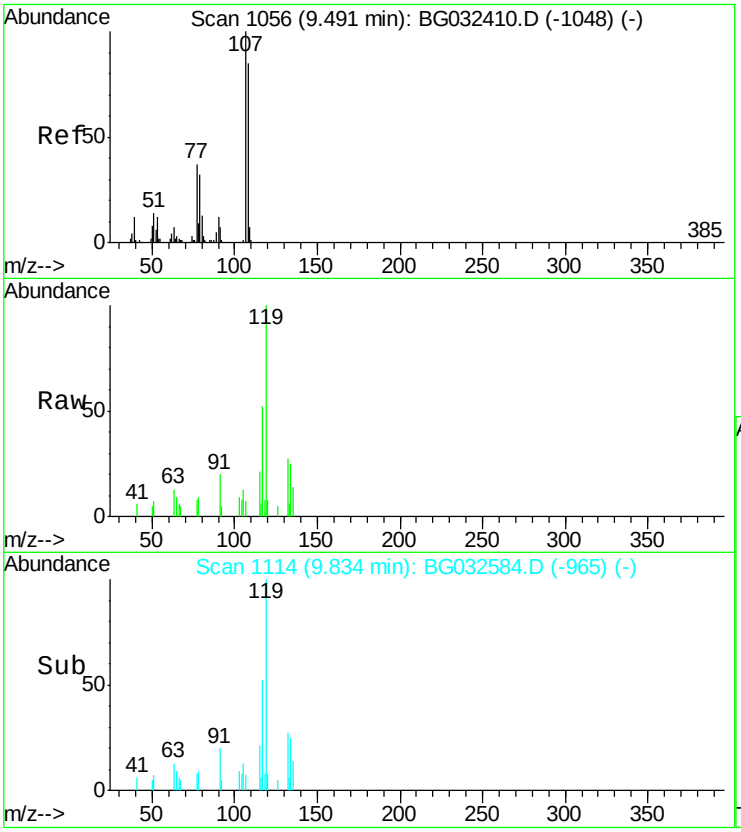


#15
Benzyl Alcohol
Concen: 0.067 ng
RT: 8.98 min Scan# 969
Delta R.T. 0.04 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion: 79 Resp: 67

Ion	Ratio	Lower	Upper
79	100		
108	0.0	57.2	85.8#
77	0.0	46.1	69.1#



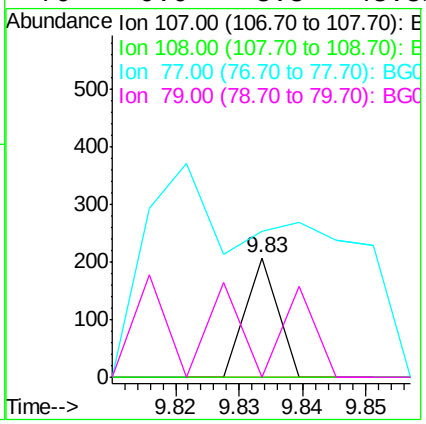


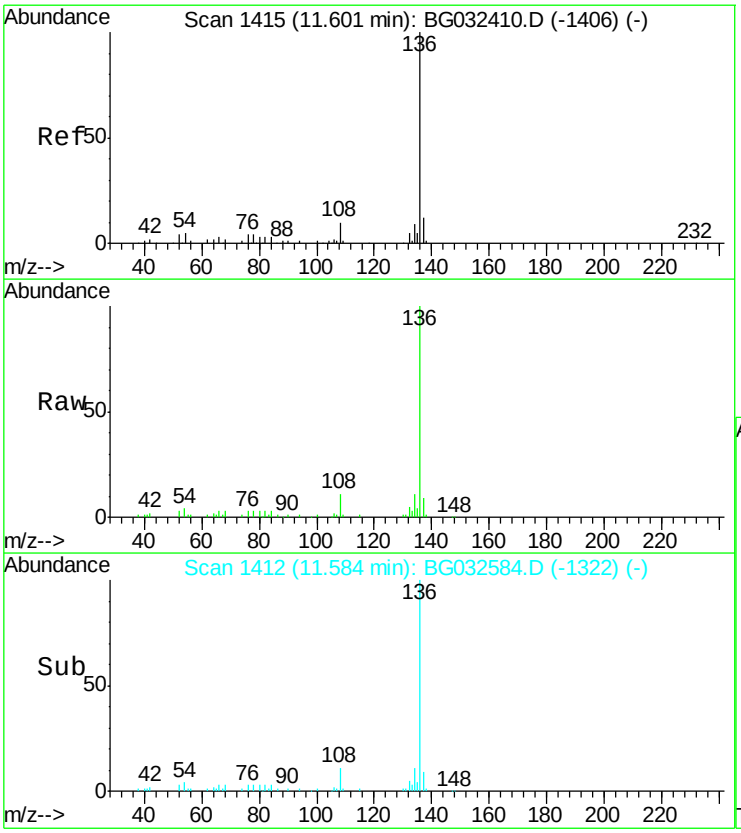
#20
3+4-Methylphenols
Concen: 0.055 ng
RT: 9.83 min Scan# 1114
Delta R.T. 0.35 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:107 Resp: 73

Ion	Ratio	Lower	Upper
107	100		
108	0.0	61.6	101.6#
77	121.6	13.9	53.9#
79	0.0	8.8	48.8#

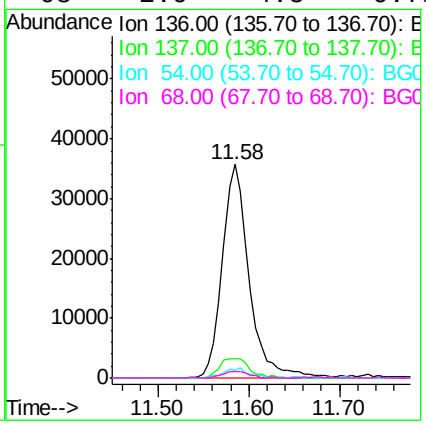


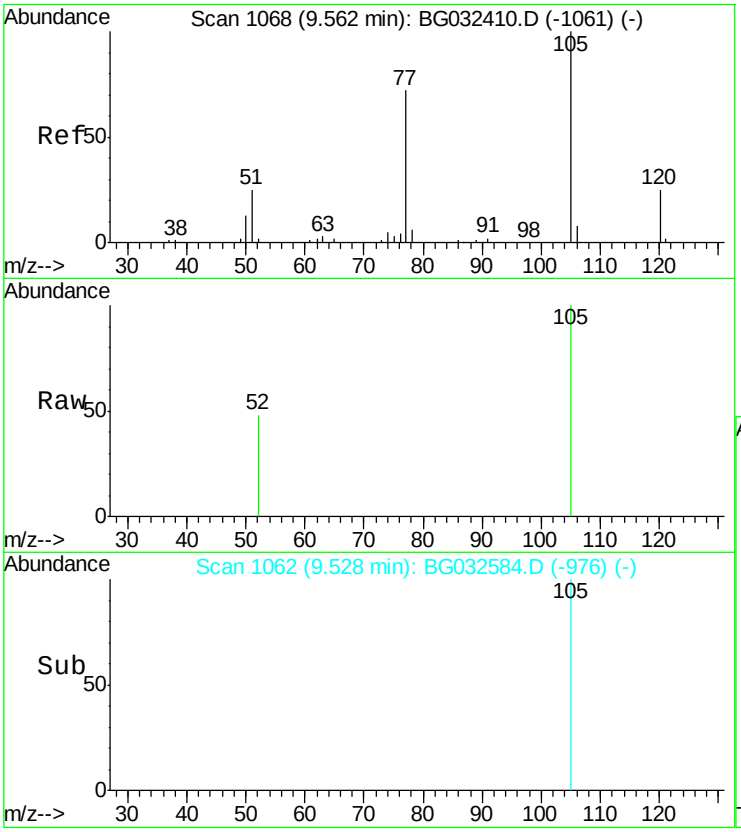


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.58 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:136 Resp: 73341

Ion	Ratio	Lower	Upper
136	100		
137	8.8	9.2	13.8#
54	3.8	10.3	15.5#
68	2.9	4.5	6.7#



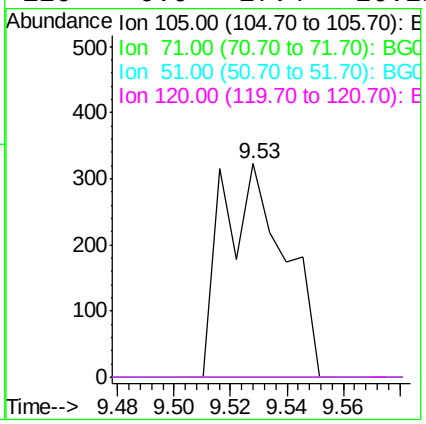


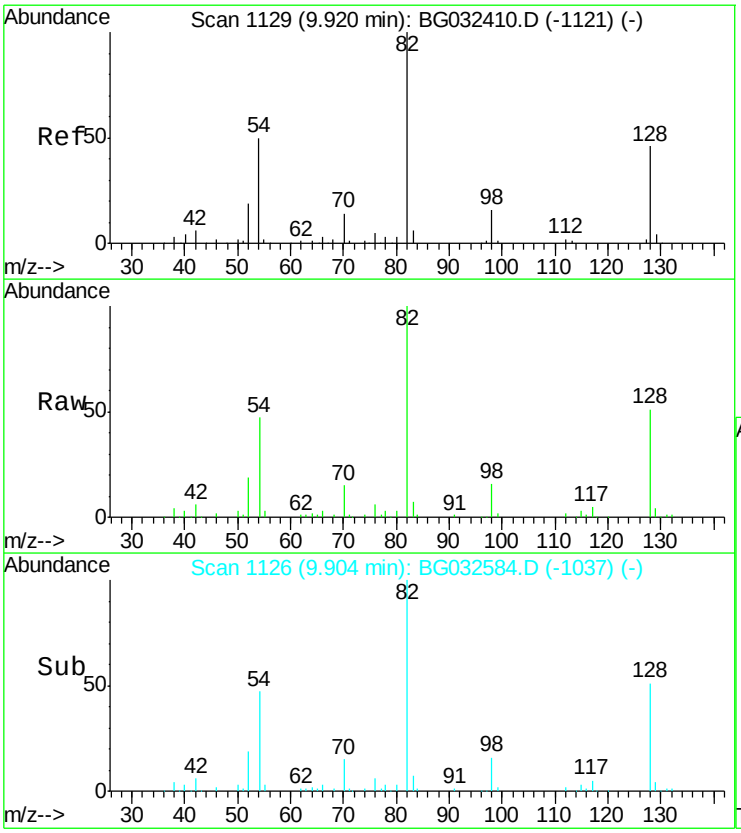
#22
Acetophenone
Concen: 0.286 ng
RT: 9.53 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:105 Resp: 491

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#

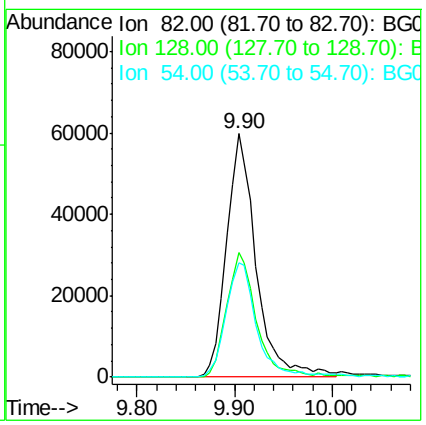


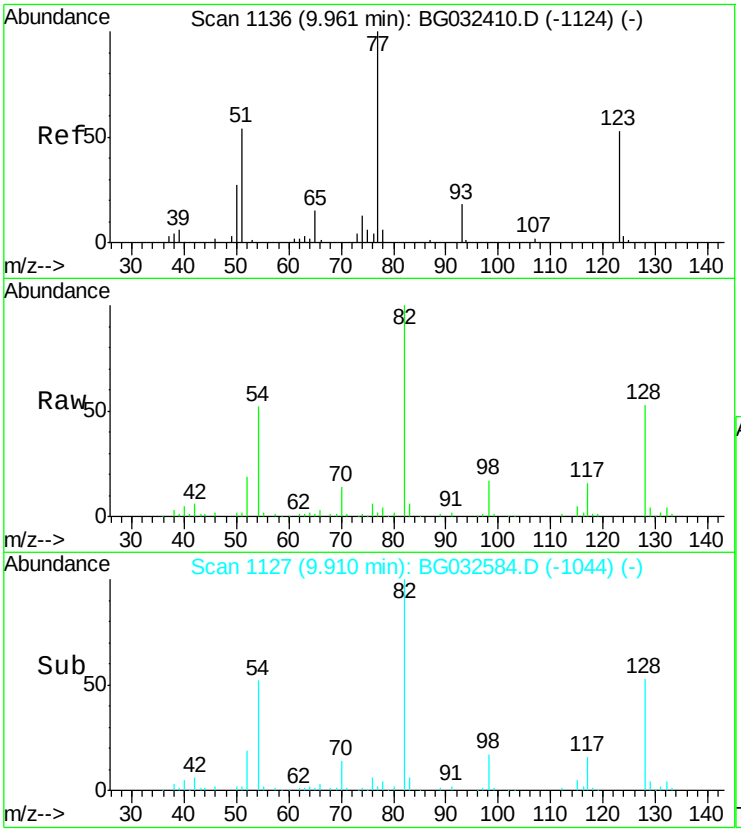


#23
Nitrobenzene-d5
Concen: 107.091 ng
RT: 9.90 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion: 82 Resp: 125746

Ion	Ratio	Lower	Upper
82	100		
128	51.1	29.7	44.5#
54	47.2	43.1	64.7



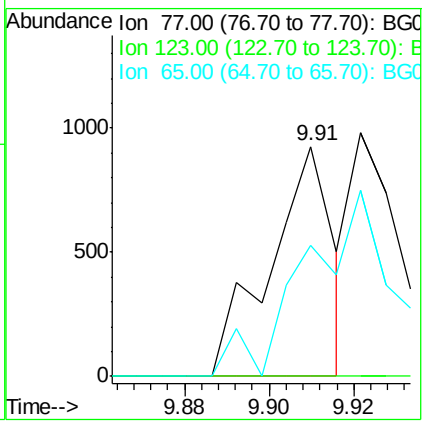


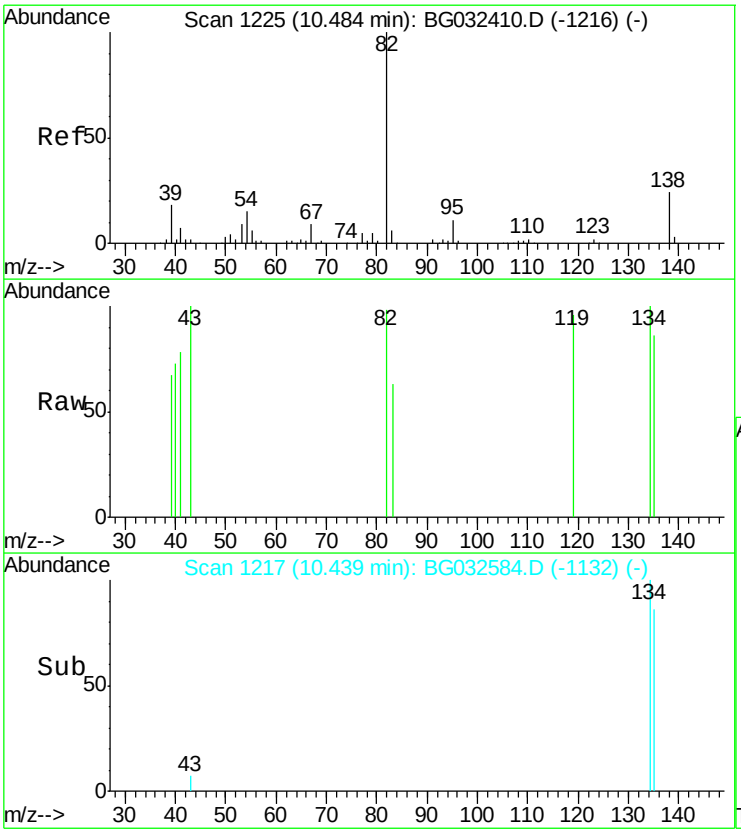
#24
Nitrobenzene
Concen: 0.844 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.04 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion: 77 Resp: 958

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	57.1	13.0	19.6#

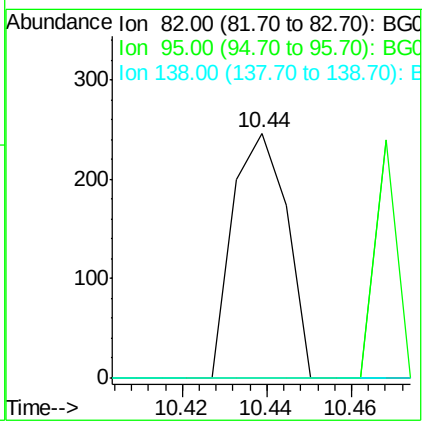


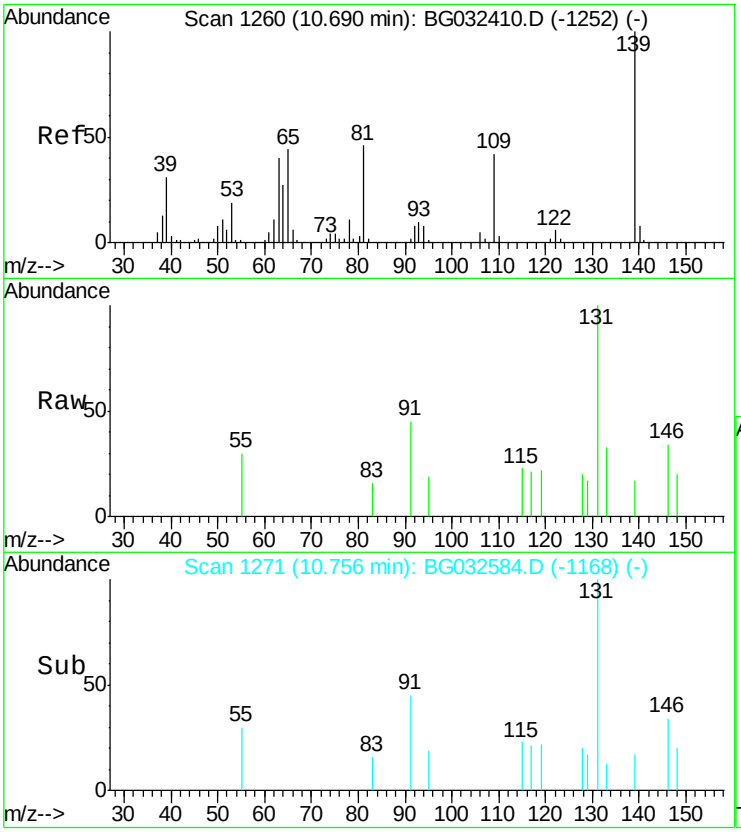


#25
Isophorone
Concen: 0.109 ng
RT: 10.44 min Scan# 1217
Delta R.T. -0.03 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion: 82 Resp: 218

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



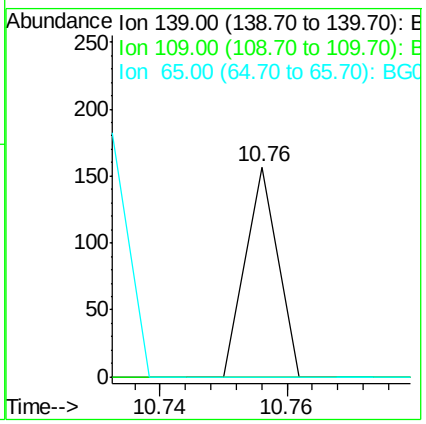


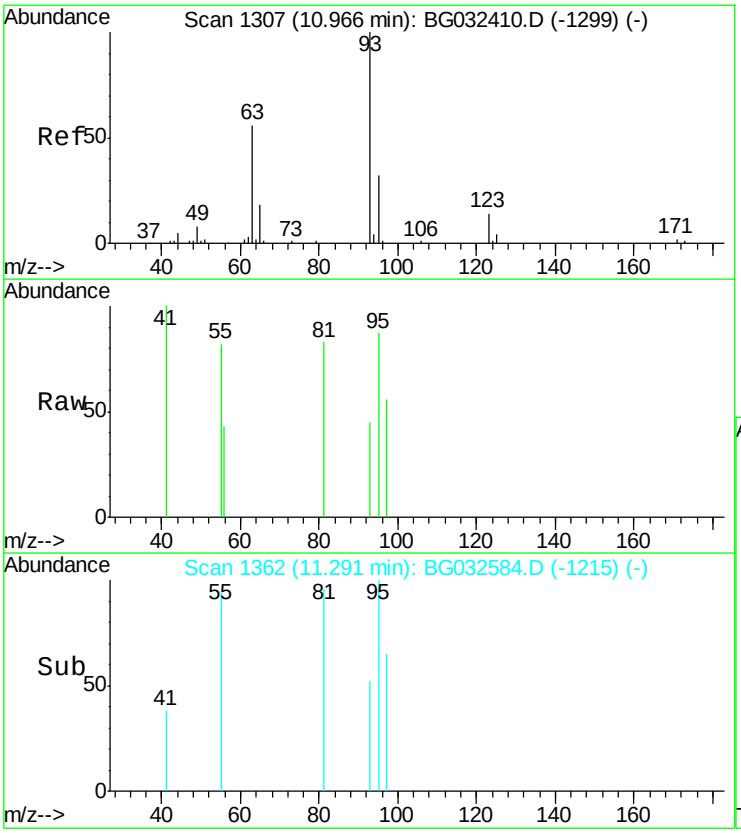
#26
2-Nitrophenol
Concen: 0.080 ng
RT: 10.76 min Scan# 1271
Delta R.T. 0.08 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:139 Resp: 55

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

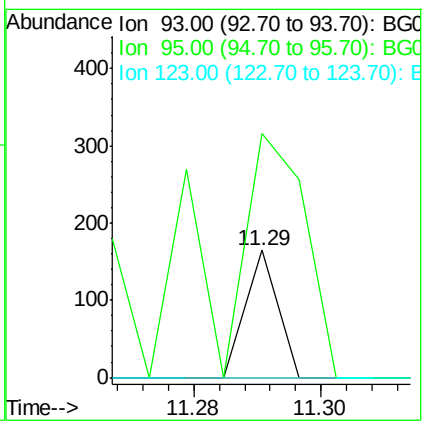


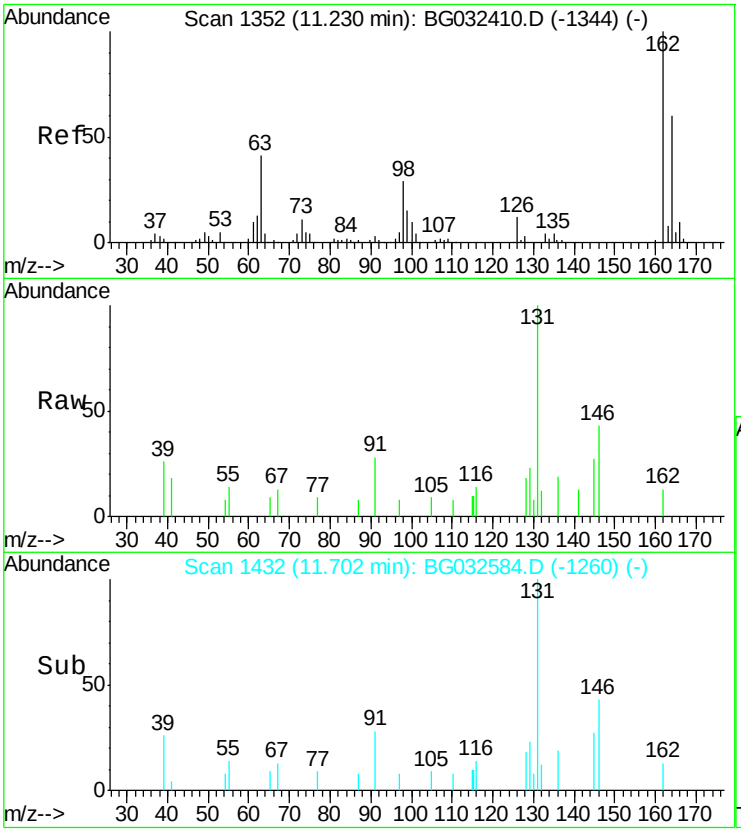


#28
bis(2-Chloroethoxy)methane
Concen: 0.053 ng
RT: 11.29 min Scan# 1362
Delta R.T. 0.34 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion: 93 Resp: 58

Ion	Ratio	Lower	Upper
93	100		
95	191.5	24.3	36.5#
123	0.0	8.4	12.6#



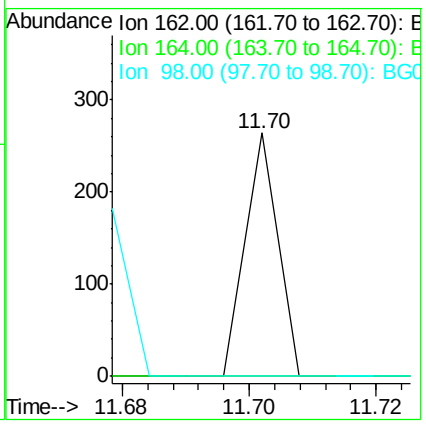


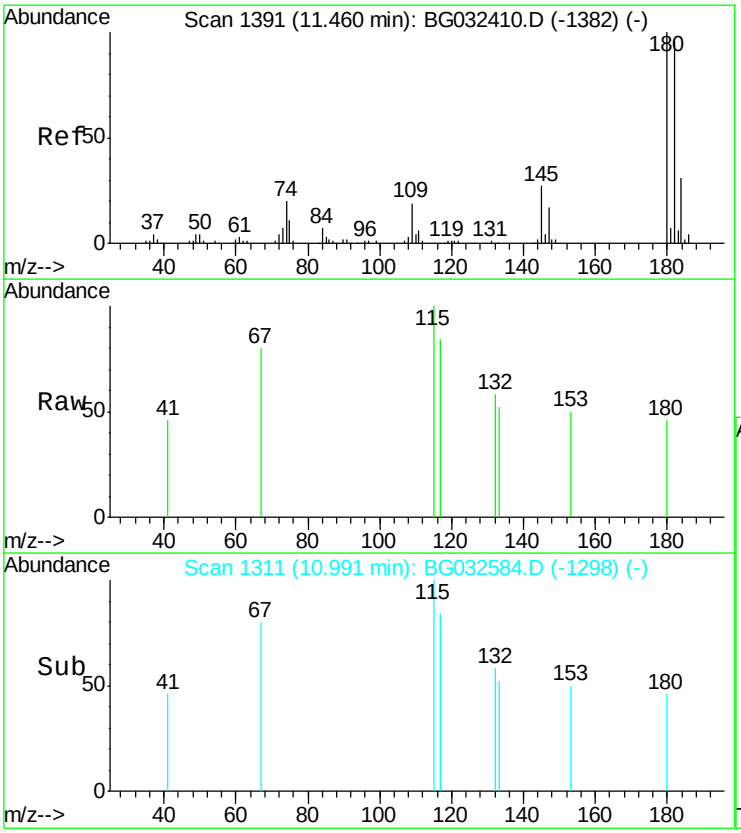
#29
2,4-Dichlorophenol
Concen: 0.071 ng
RT: 11.70 min Scan# 1432
Delta R.T. 0.48 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:162 Resp: 93

Ion	Ratio	Lower	Upper
162	100		
164	0.0	48.0	88.0#
98	0.0	21.1	61.1#

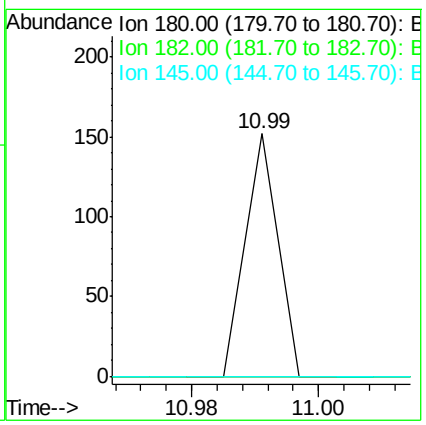


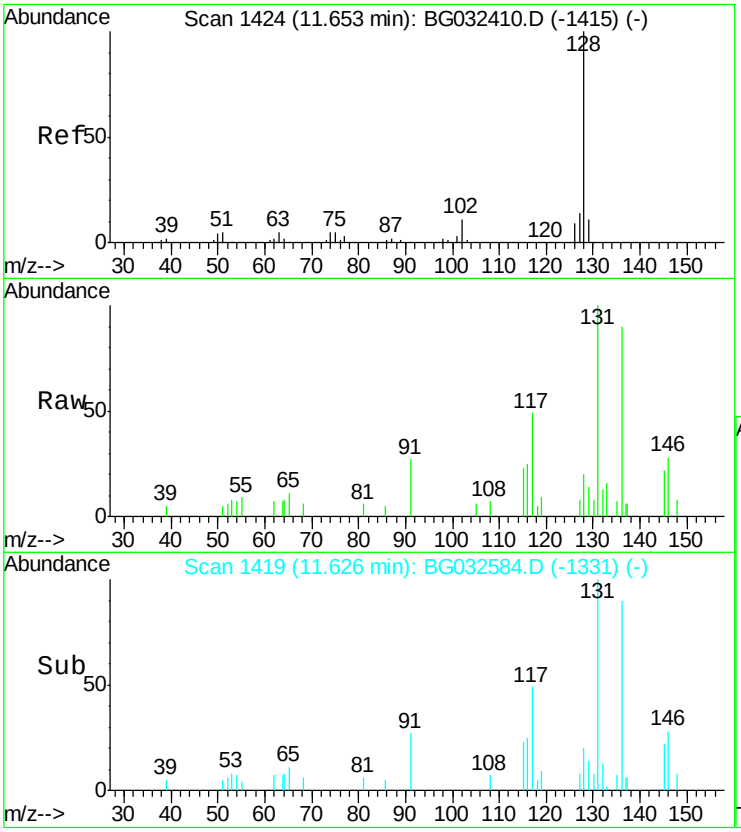


#30
1,2,4-Trichlorobenzene
Concen: 0.031 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.45 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:180 Resp: 54

Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.5	116.3#
145	0.0	23.4	35.2#



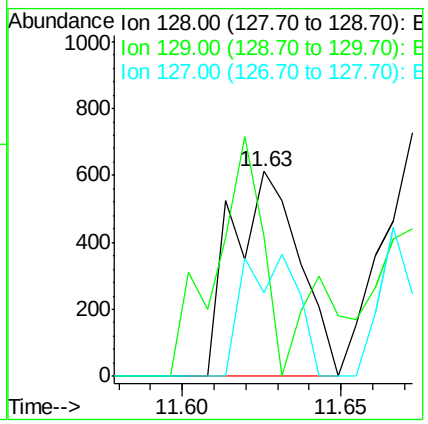


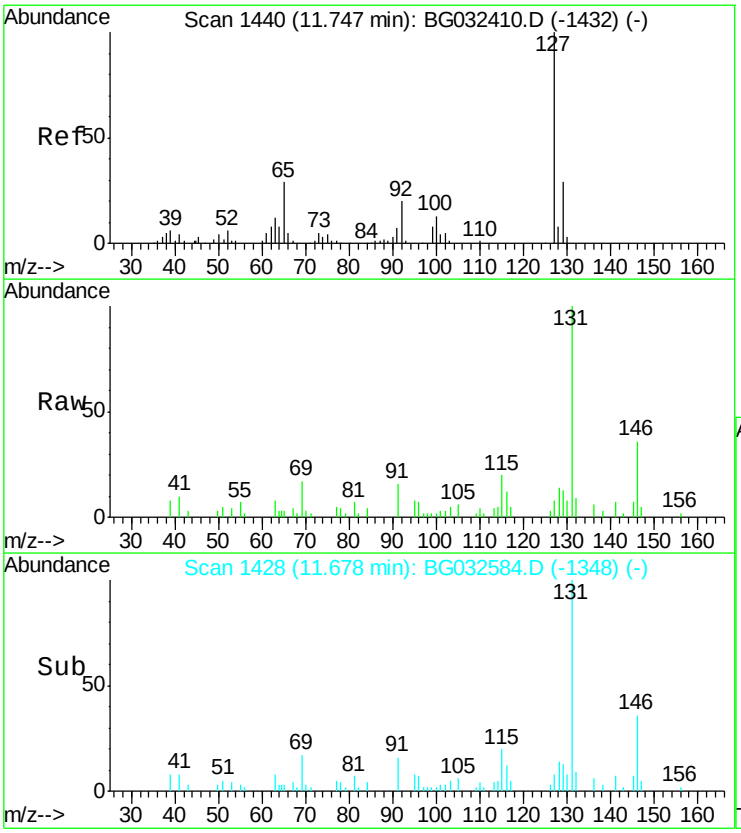
#31
Naphthalene
Concen: 0.251 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:128 Resp: 898

Ion	Ratio	Lower	Upper
128	100		
129	68.6	8.6	12.8#
127	41.1	11.6	17.4#

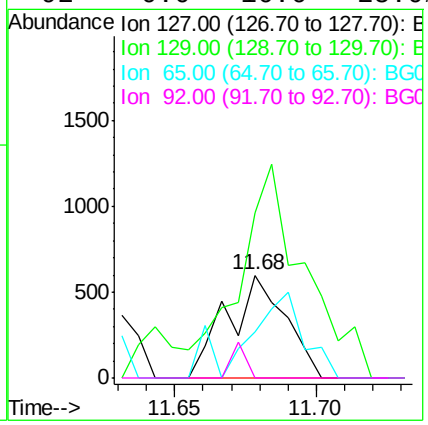


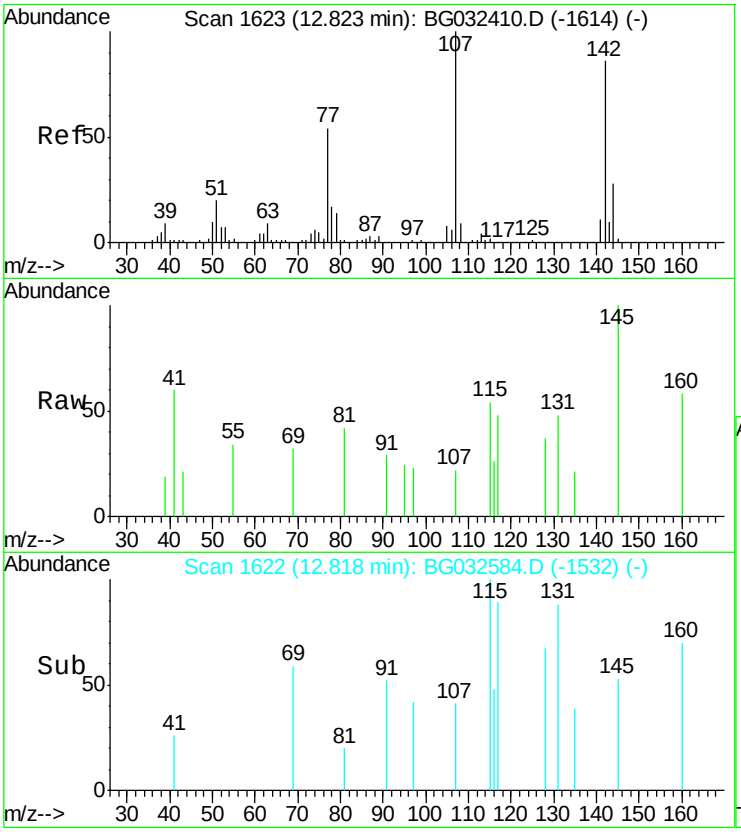


#33
4-Chloroaniline
Concen: 0.538 ng
RT: 11.68 min Scan# 1428
Delta R.T. -0.06 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:127 Resp: 860

Ion	Ratio	Lower	Upper
127	100		
129	160.4	24.0	36.0#
65	44.4	27.0	40.4#
92	0.0	16.6	25.0#



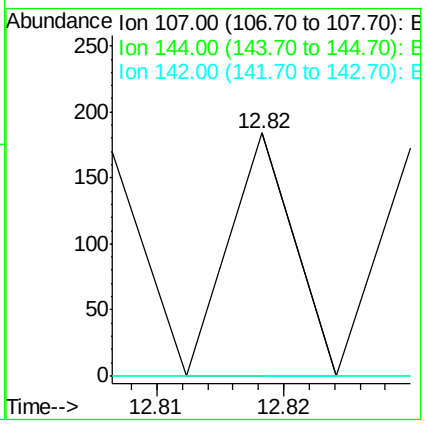


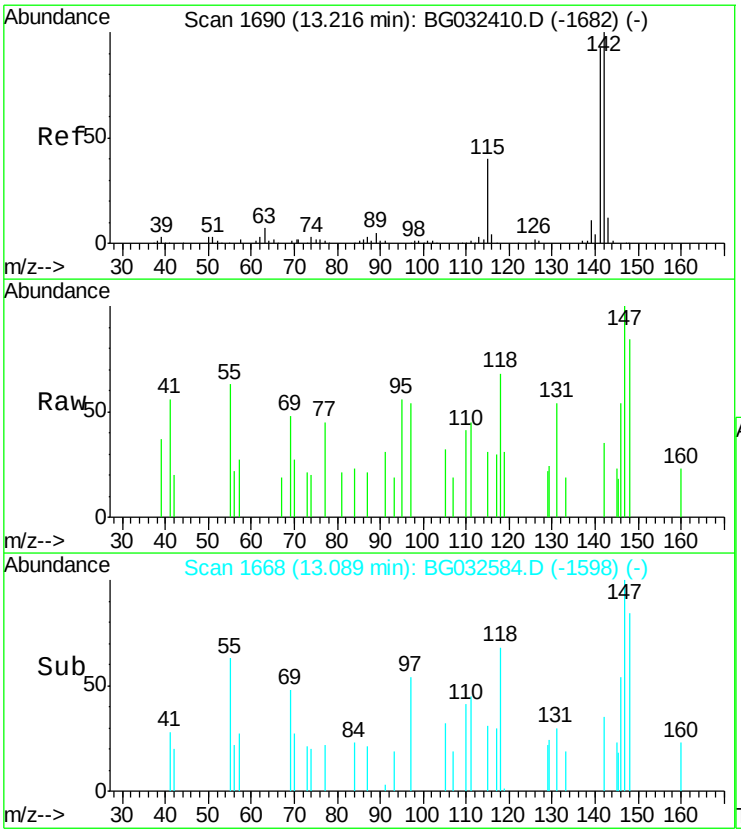
#36
4-Chloro-3-methylphenol
Concen: 0.053 ng
RT: 12.82 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:107 Resp: 65

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

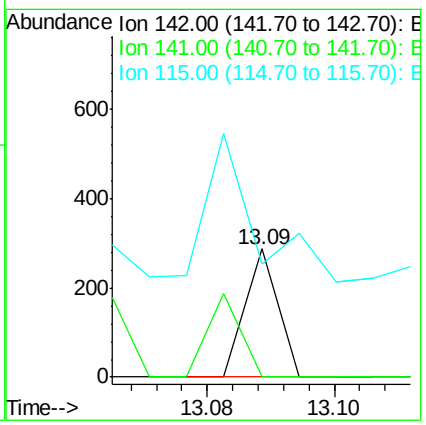


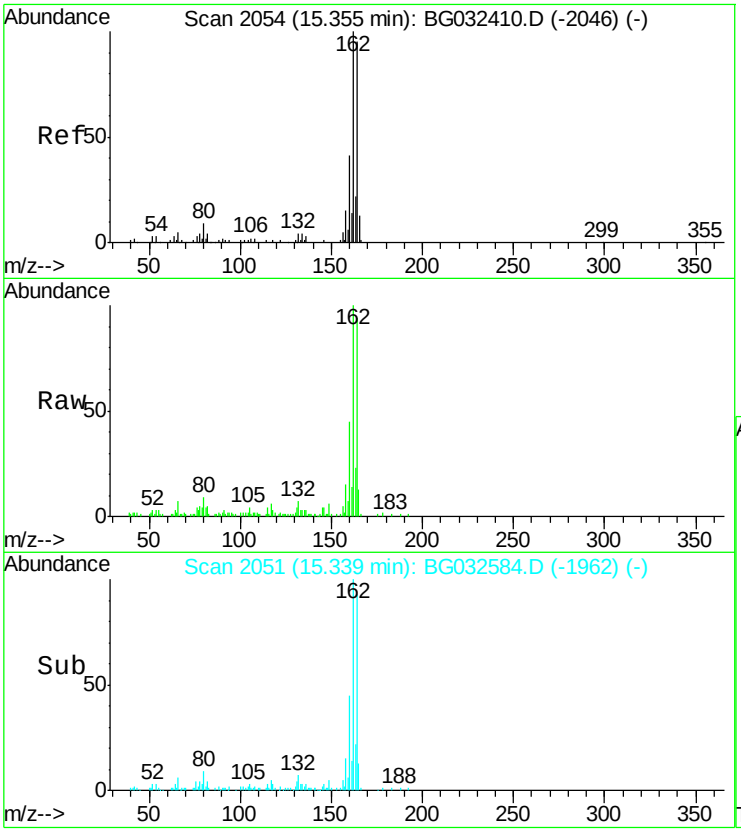


#37
2-Methylnaphthalene
Concen: 0.034 ng
RT: 13.09 min Scan# 1668
Delta R.T. -0.12 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:142 Resp: 101

Ion	Ratio	Lower	Upper
142	100		
141	0.0	67.1	100.7#
115	88.5	30.7	46.1#



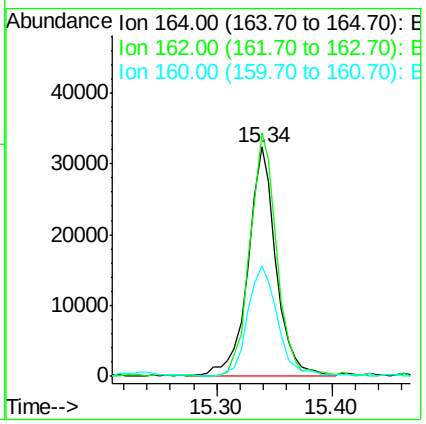


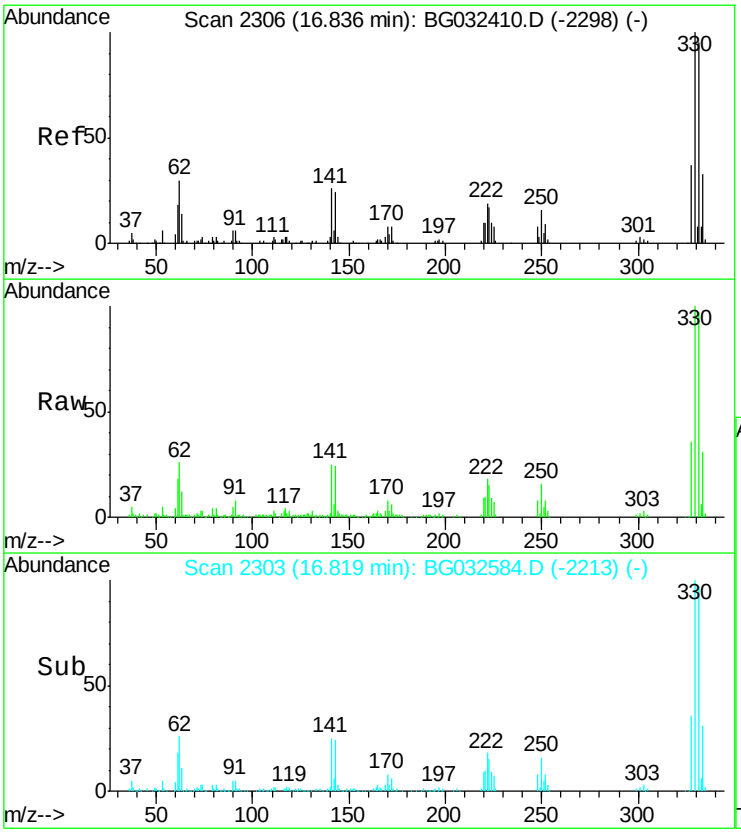
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:164 Resp: 54895

Ion	Ratio	Lower	Upper
164	100		
162	106.3	78.8	118.2
160	48.3	35.4	53.0

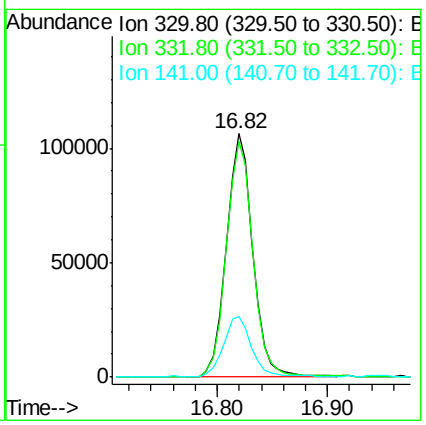


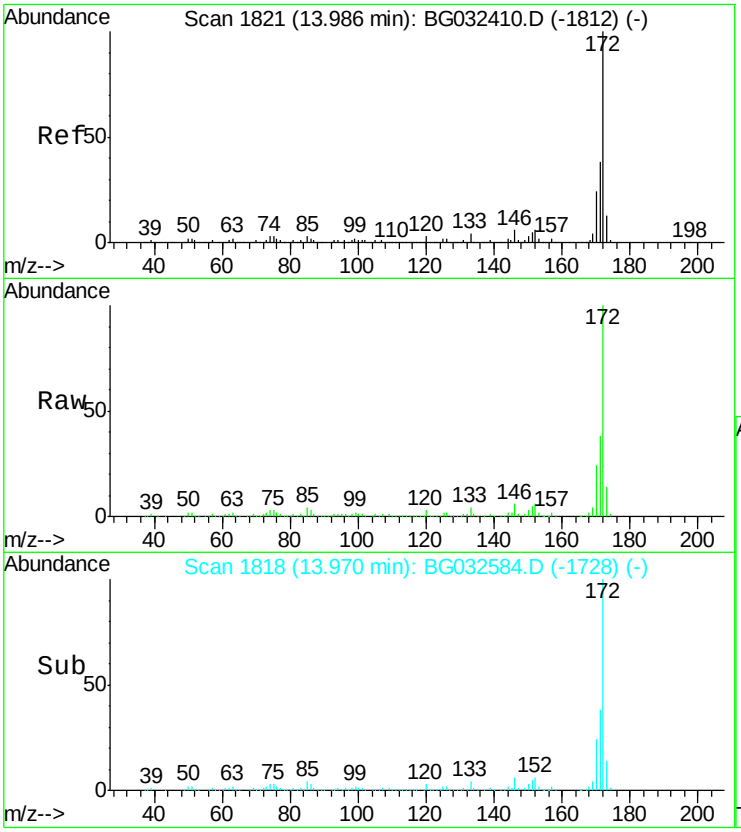


#41
2,4,6-Tribromophenol
Concen: 171.038 ng
RT: 16.82 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:330 Resp: 178722

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	26.1	25.2	37.8



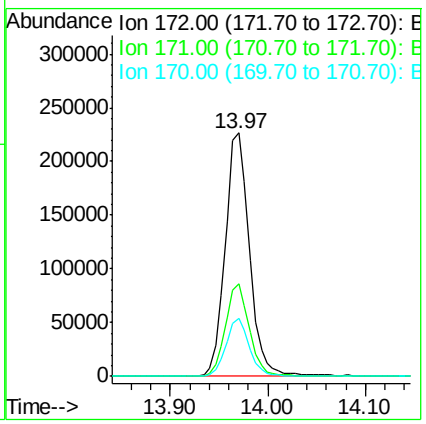


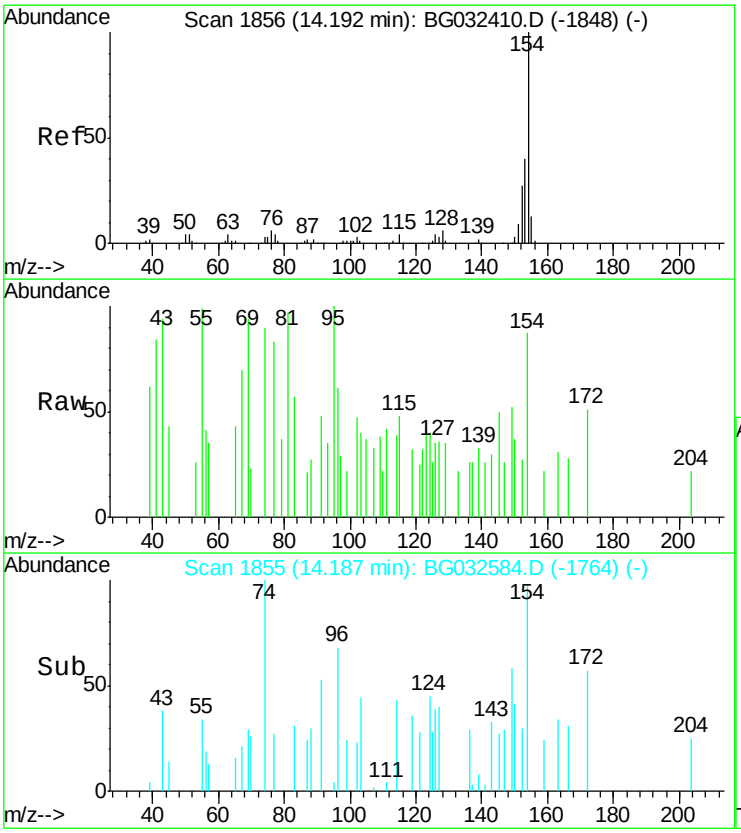
#44
2-Fluorobiphenyl
Concen: 84.855 ng
RT: 13.97 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:172 Resp: 391910

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.0	19.5	29.3

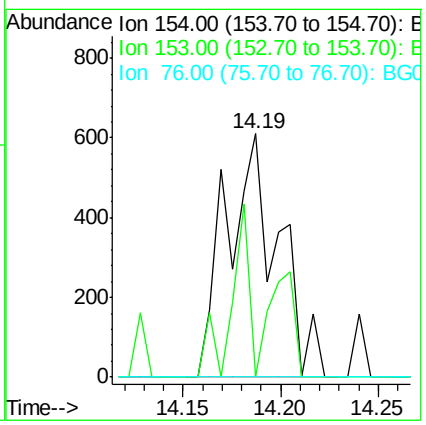


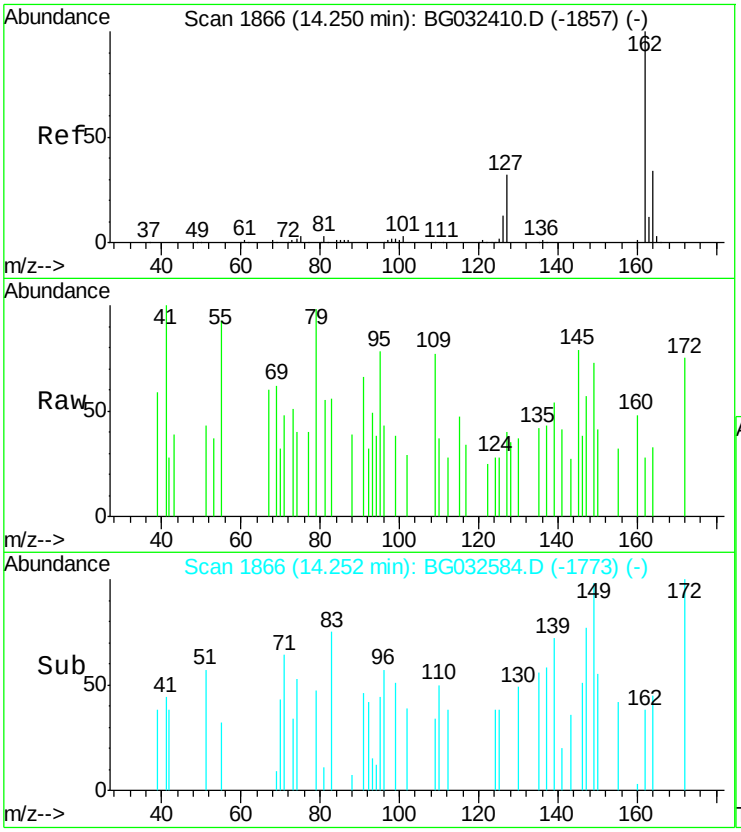


#45
1,1'-Biphenyl
Concen: 0.242 ng
RT: 14.19 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:154 Resp: 1123

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



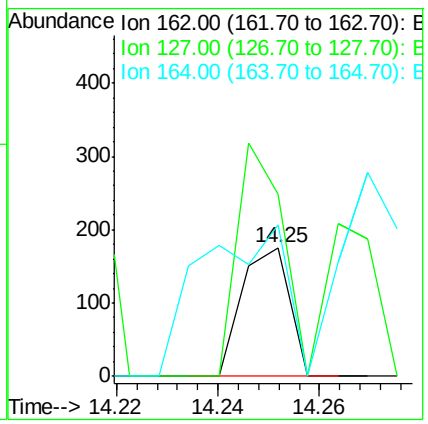


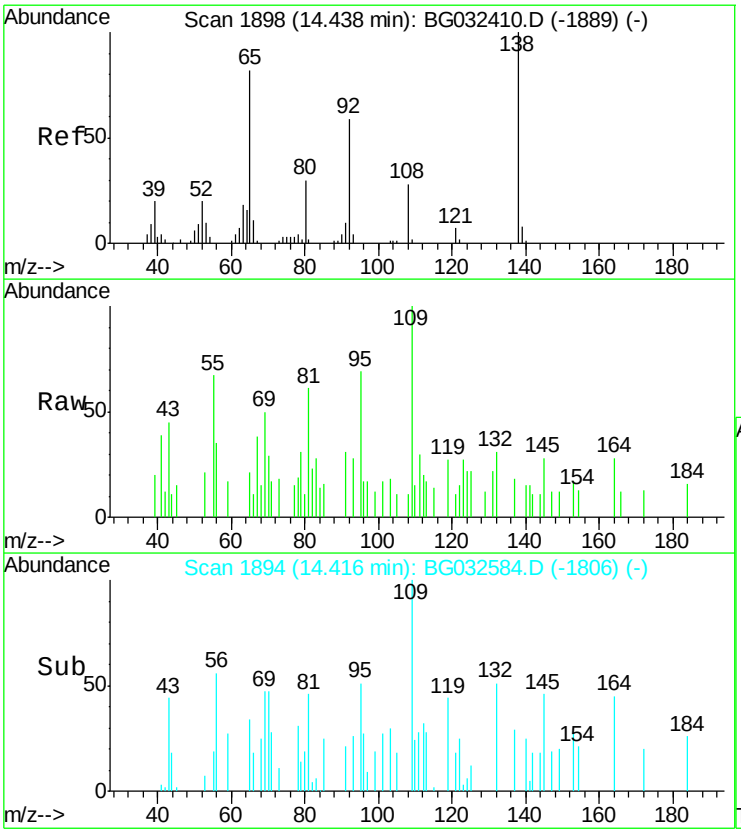
#46
2-Chloronaphthalene
Concen: 0.032 ng
RT: 14.25 min Scan# 1866
Delta R.T. 0.02 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:162 Resp: 115

Ion	Ratio	Lower	Upper
162	100		
127	140.9	30.7	46.1#
164	117.6	26.0	39.0#

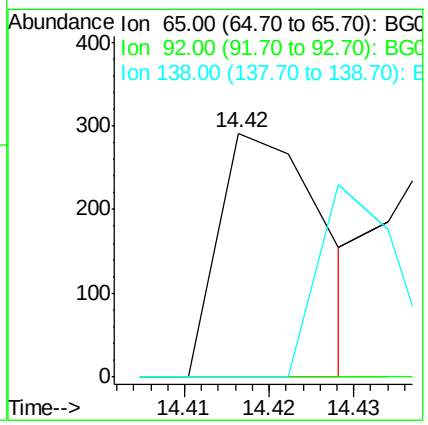


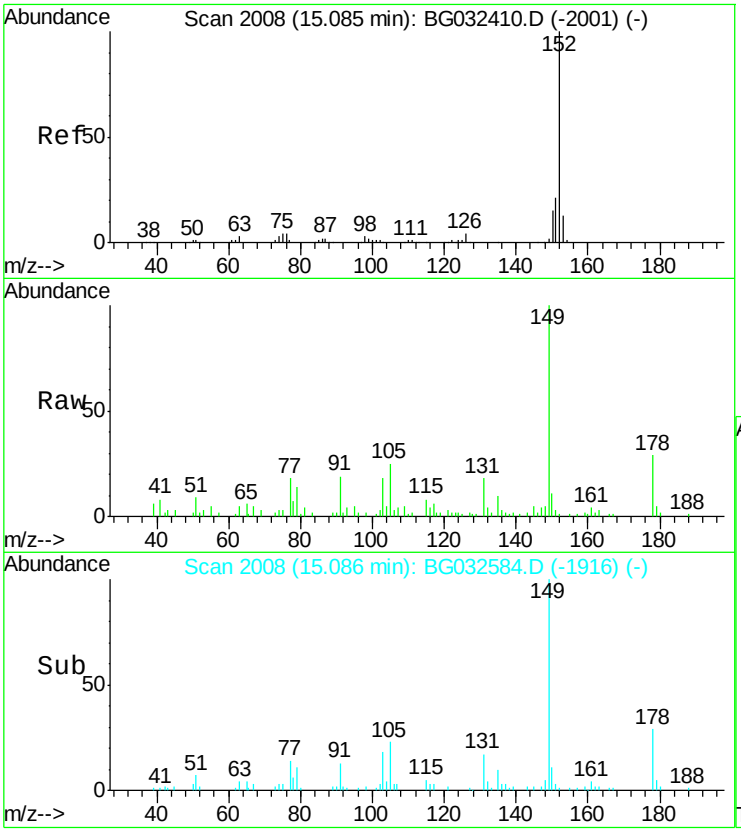


#47
2-Nitroaniline
Concen: 0.312 ng
RT: 14.42 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion: 65 Resp: 251

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



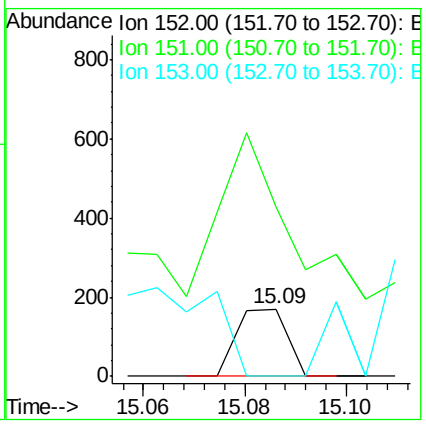


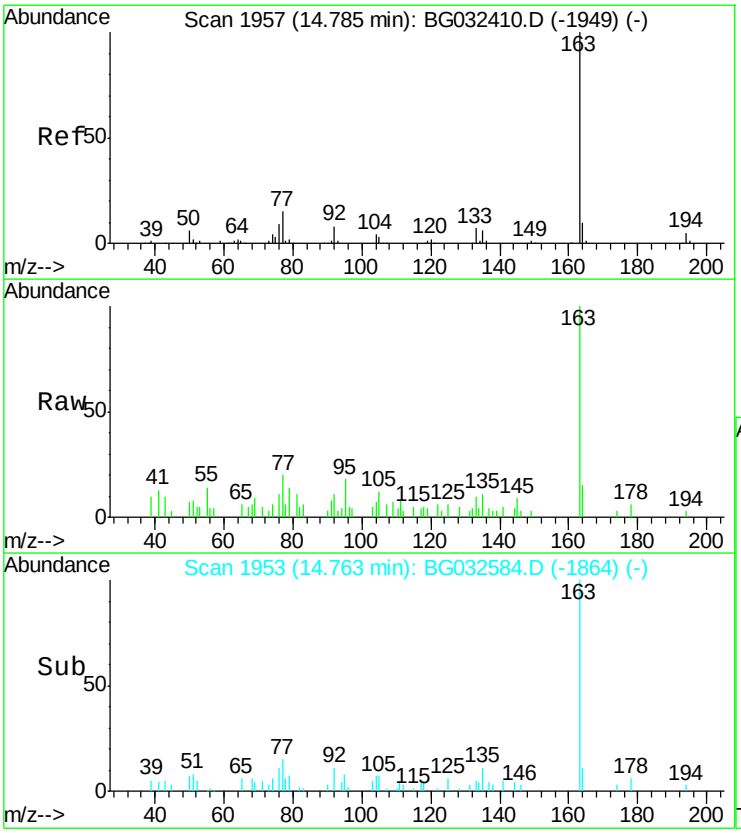
#48
Acenaphthylene
Concen: 0.021 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:152 Resp: 118

Ion	Ratio	Lower	Upper
152	100		
151	251.8	17.2	25.8#
153	0.0	10.2	15.4#

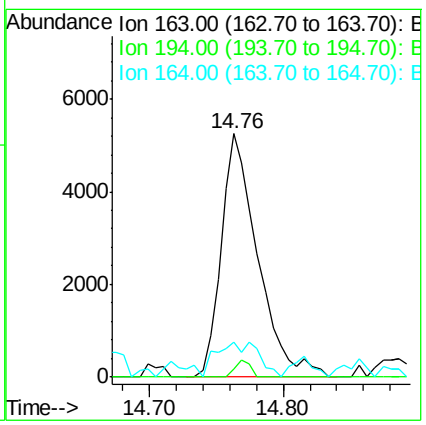


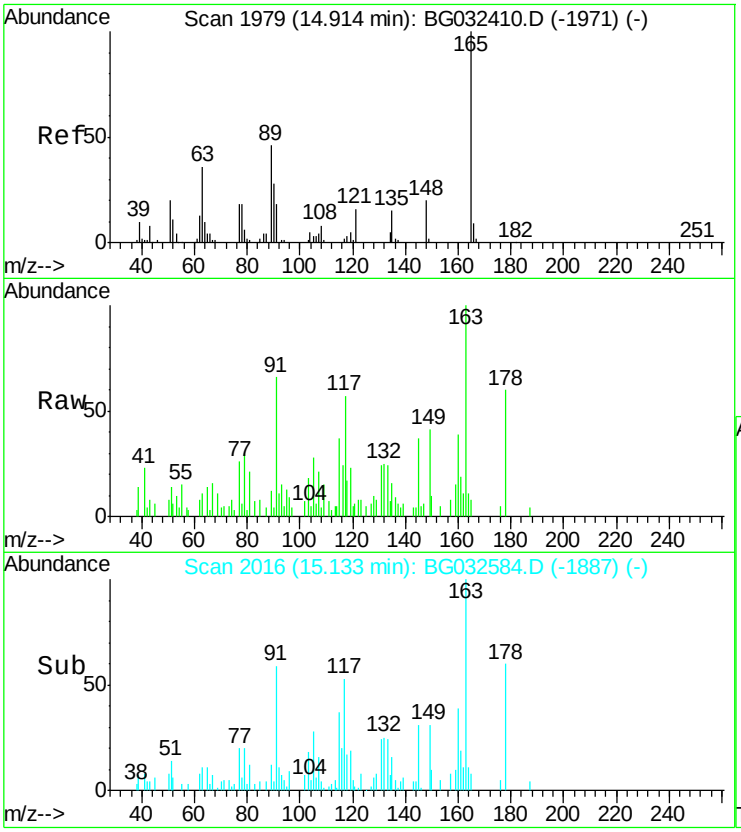


#49
Dimethylphthalate
Concen: 1.974 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:163 Resp: 9992

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.4	5.2#
164	14.6	8.2	12.4#



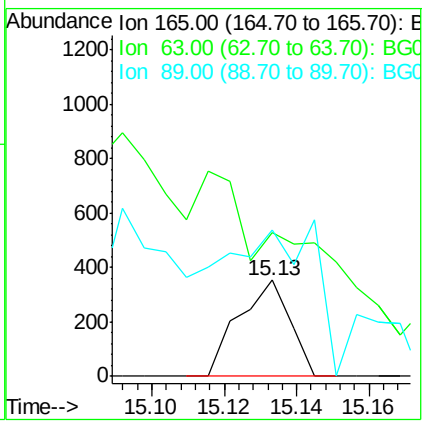


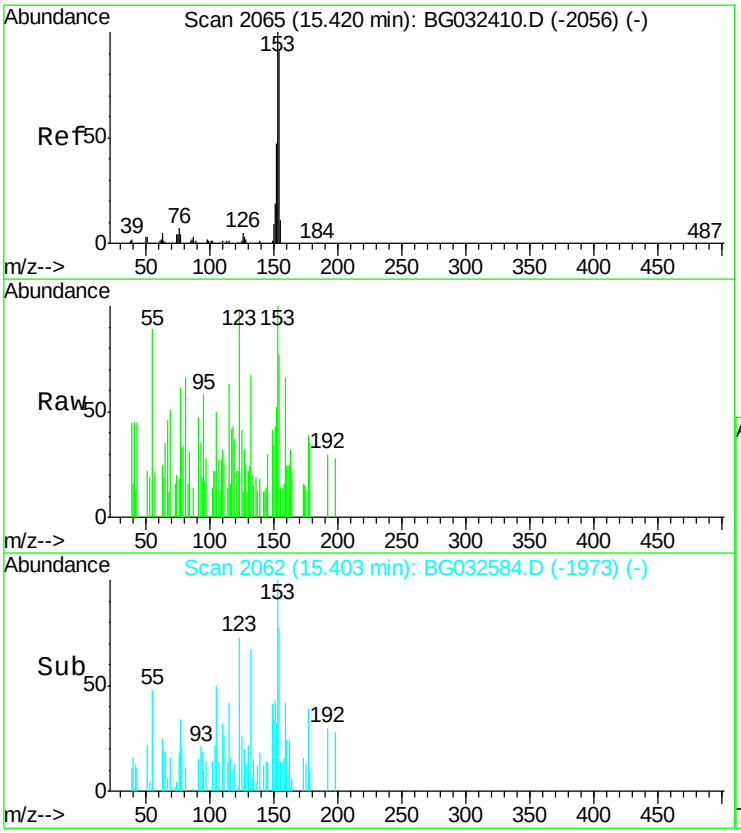
#50
2,6-Dinitrotoluene
Concen: 0.325 ng
RT: 15.13 min Scan# 2016
Delta R.T. 0.23 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:165 Resp: 345

Ion	Ratio	Lower	Upper
165	100		
63	149.7	52.7	79.1#
89	152.0	49.2	73.8#

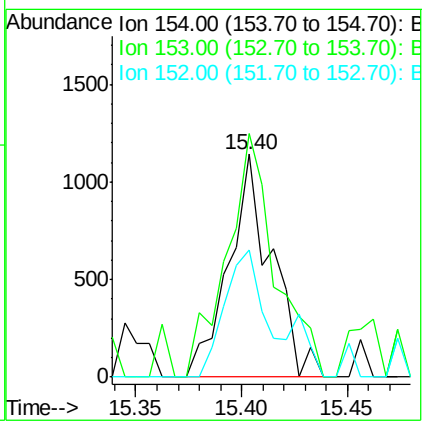


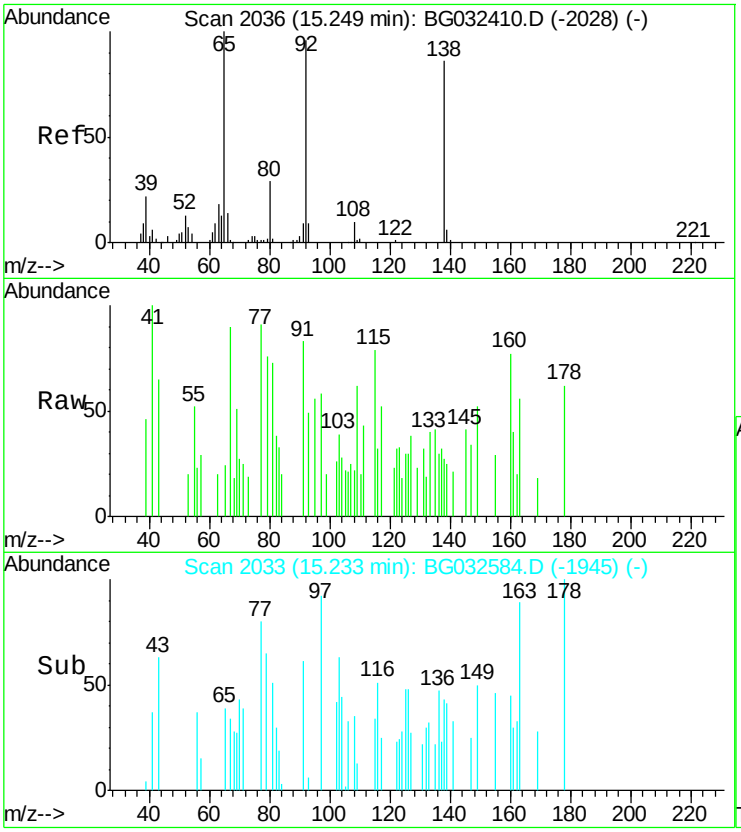


#51
Acenaphthene
Concen: 0.420 ng
RT: 15.40 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:154 Resp: 1600

Ion	Ratio	Lower	Upper
154	100		
153	109.2	90.4	135.6
152	56.8	41.6	62.4



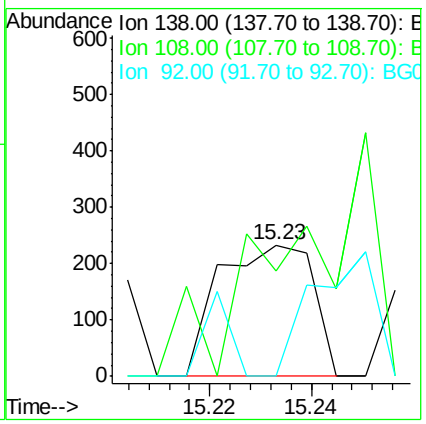


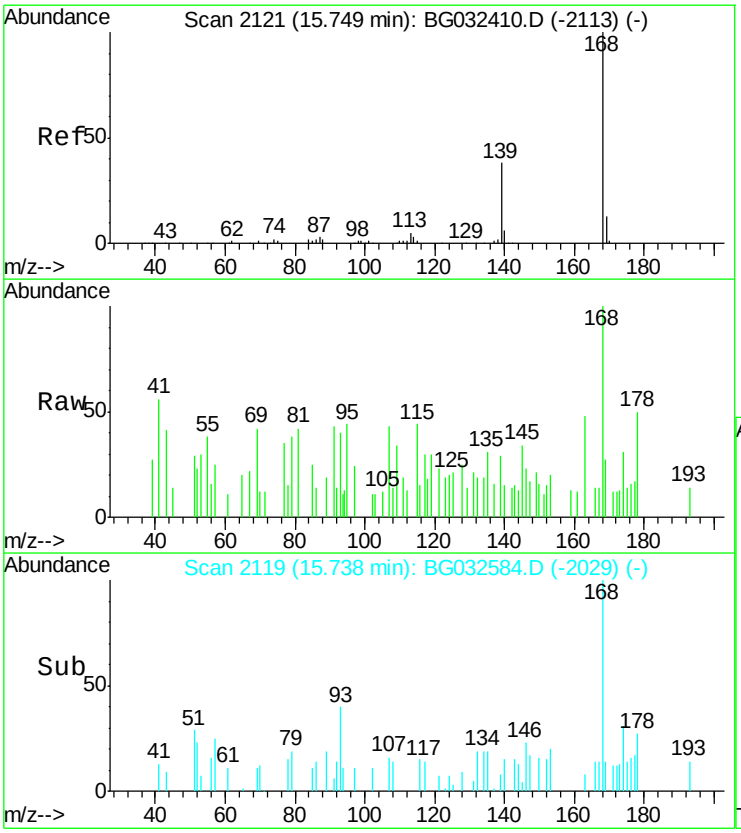
#52
3-Nitroaniline
Concen: 0.321 ng
RT: 15.23 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:138 Resp: 298

Ion	Ratio	Lower	Upper
138	100		
108	80.7	17.5	26.3#
92	0.0	105.8	158.8#

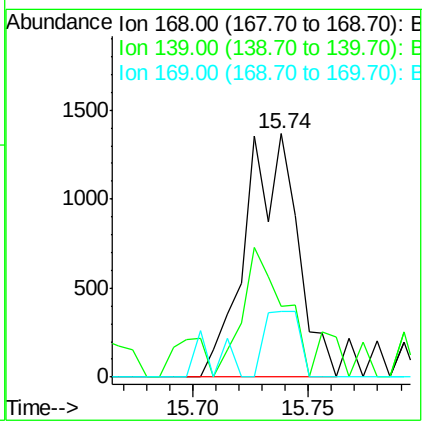


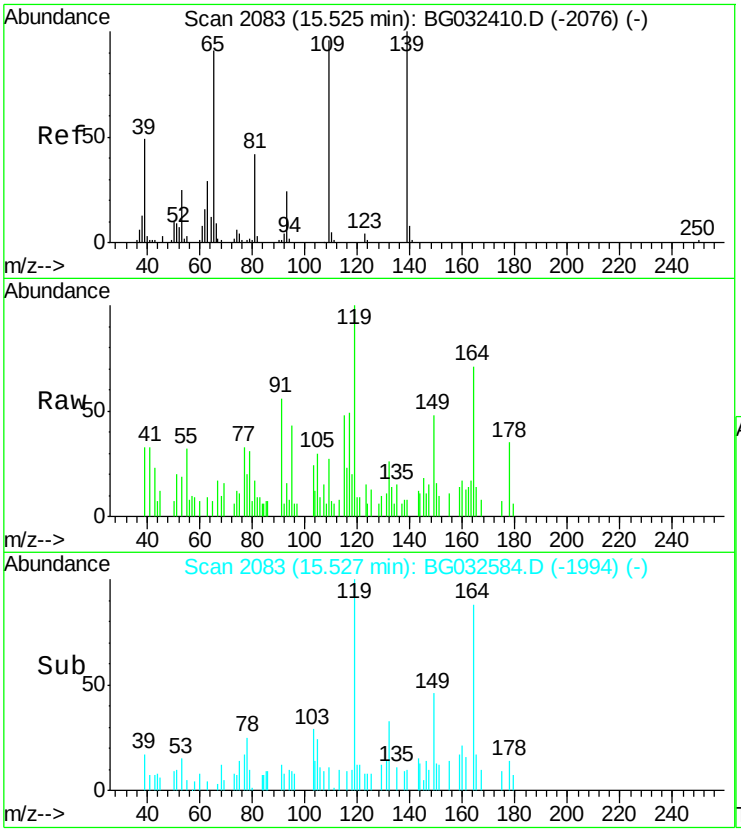


#54
Dibenzofuran
Concen: 0.378 ng
RT: 15.74 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:168 Resp: 2131

Ion	Ratio	Lower	Upper
168	100		
139	28.9	28.6	43.0
169	27.1	11.2	16.8#



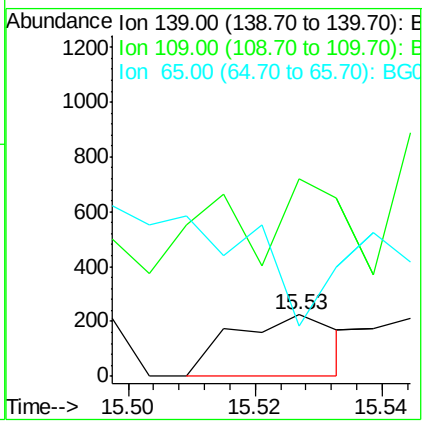


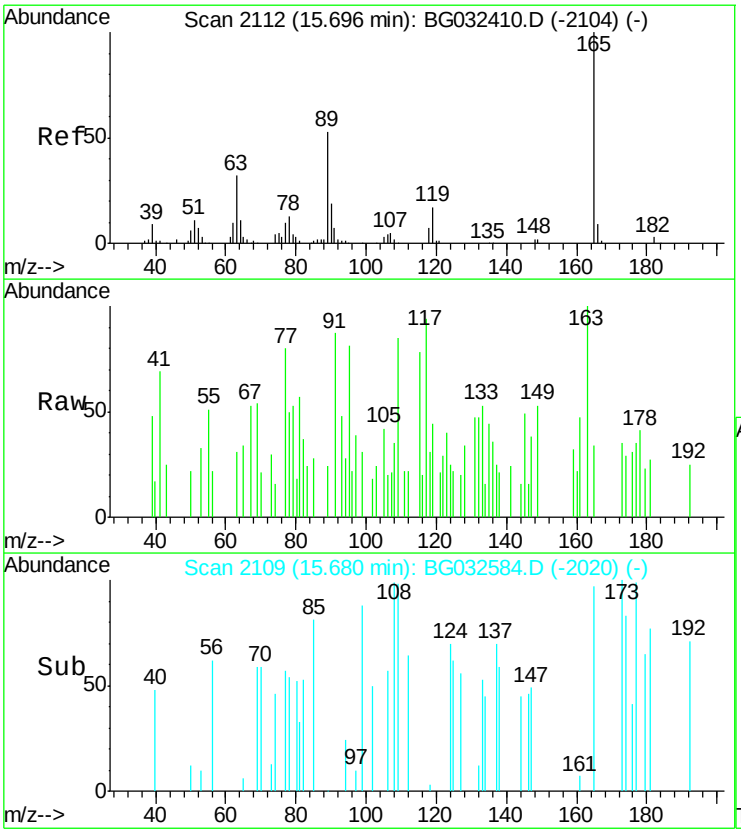
#55
4-Nitrophenol
Concen: 0.369 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:139 Resp: 256

Ion	Ratio	Lower	Upper
139	100		
109	319.6	62.2	102.2#
65	82.2	97.2	137.2#

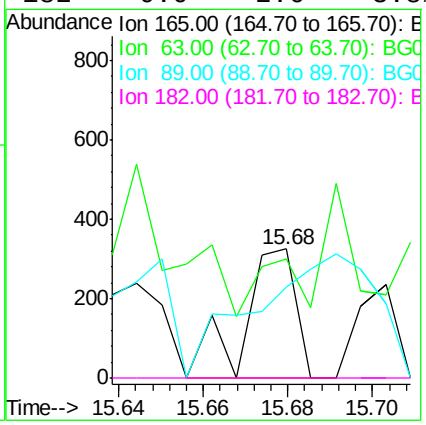


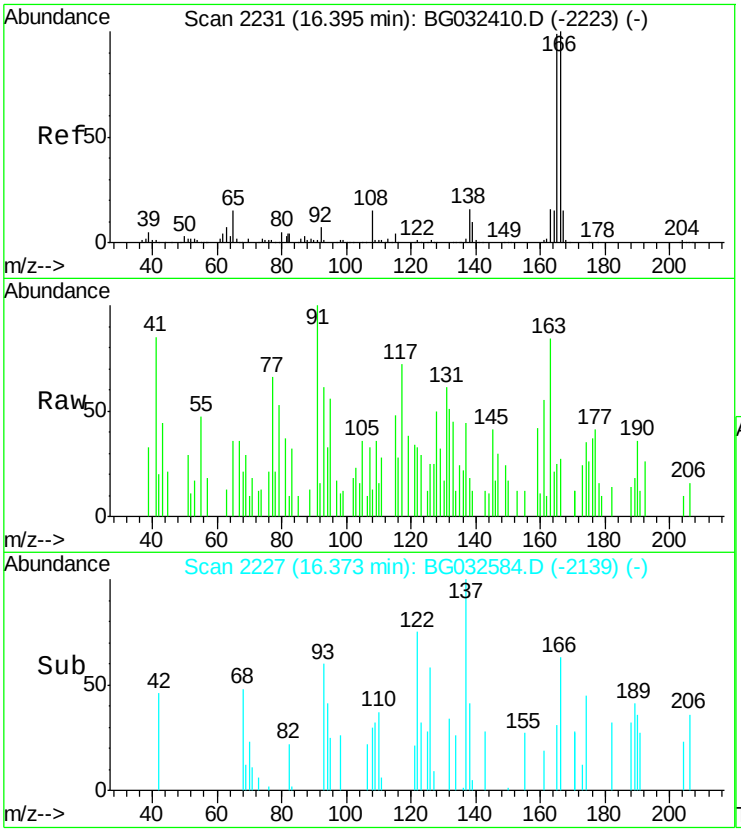


#56
2,4-Dinitrotoluene
Concen: 0.184 ng
RT: 15.68 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:165 Resp: 279

Ion	Ratio	Lower	Upper
165	100		
63	92.3	42.0	63.0#
89	70.8	66.9	100.3
182	0.0	2.6	3.8#



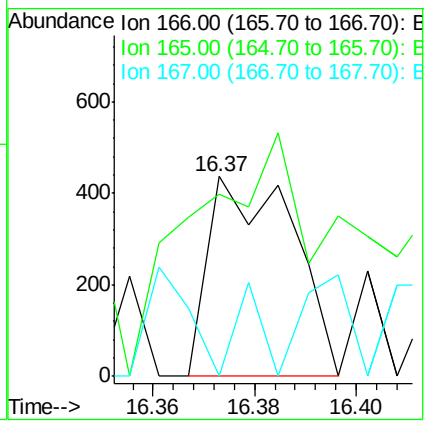


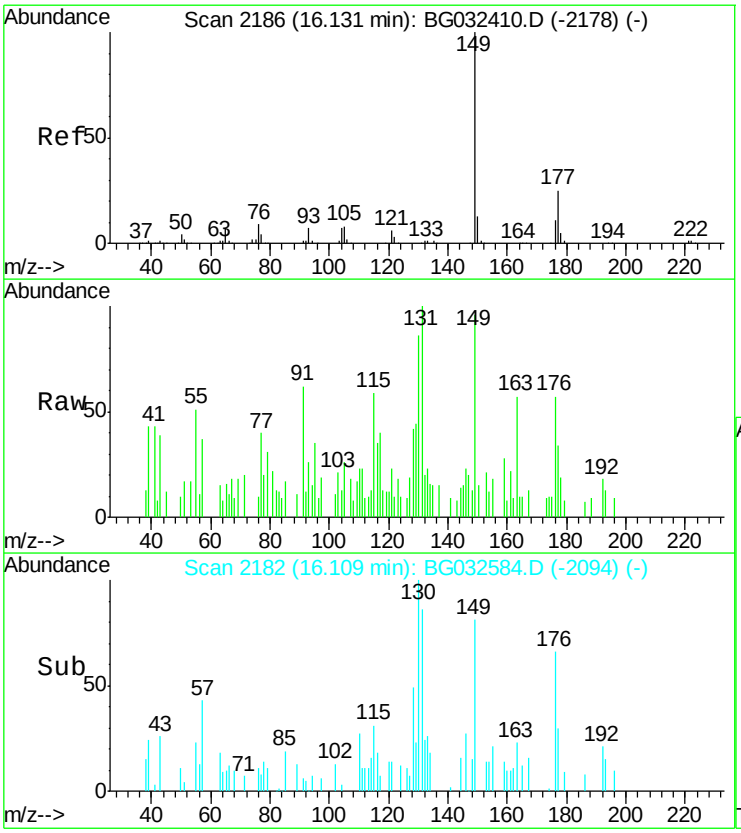
#57
Fluorene
Concen: 0.108 ng
RT: 16.37 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:166 Resp: 504

Ion	Ratio	Lower	Upper
166	100		
165	90.8	80.6	121.0
167	0.0	10.4	15.6#

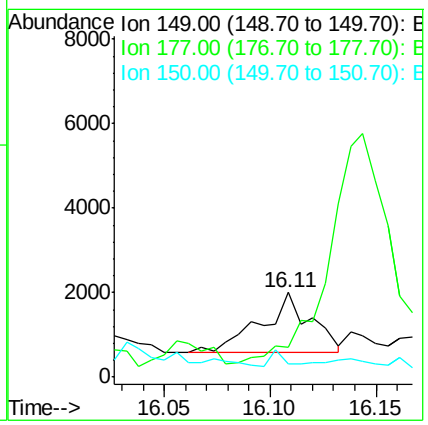


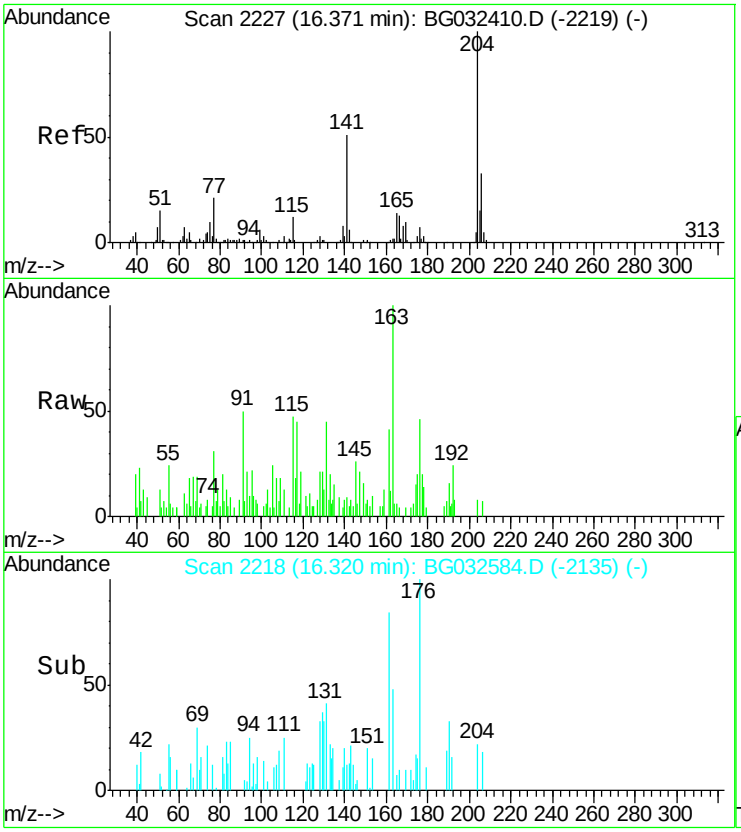


#59
Diethylphthalate
Concen: 0.463 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:149 Resp: 2281

Ion	Ratio	Lower	Upper
149	100		
177	35.5	18.5	27.7#
150	16.0	10.2	15.2#



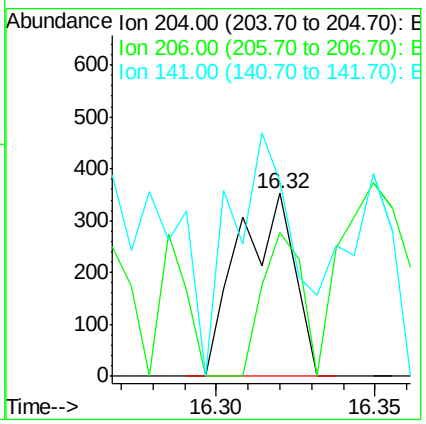


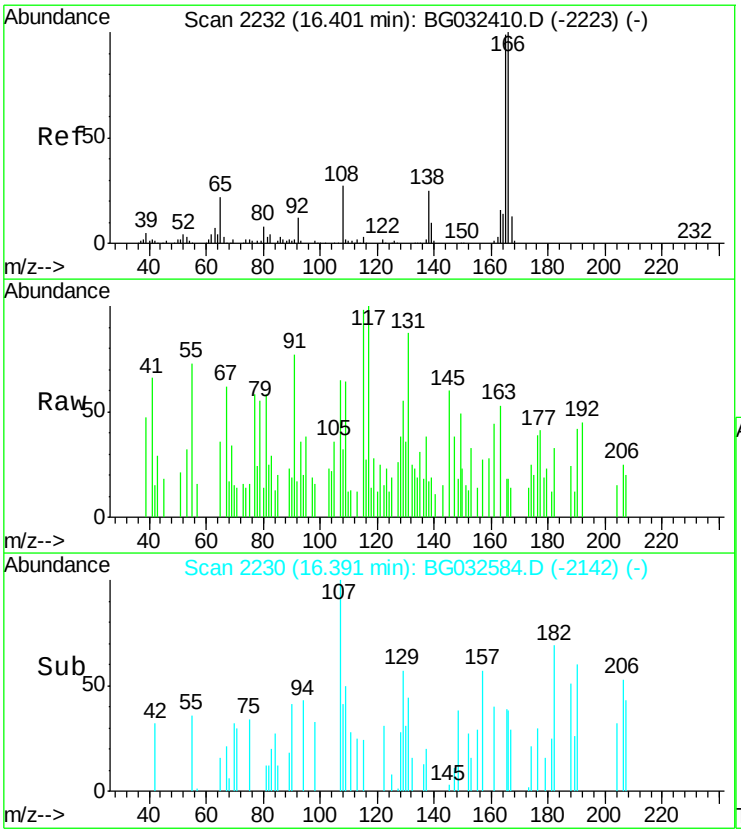
#60
4-Chlorophenyl-phenylether
Concen: 0.144 ng
RT: 16.32 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:204 Resp: 427

Ion	Ratio	Lower	Upper
204	100		
206	78.2	26.2	39.2#
141	106.2	45.8	68.6#

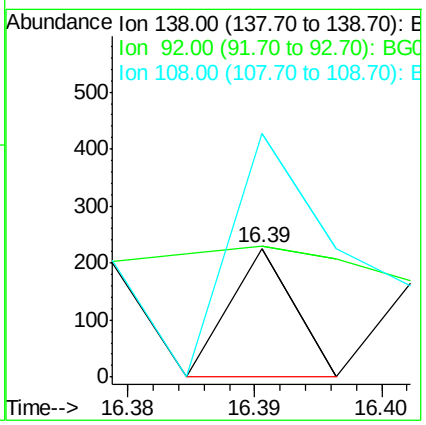


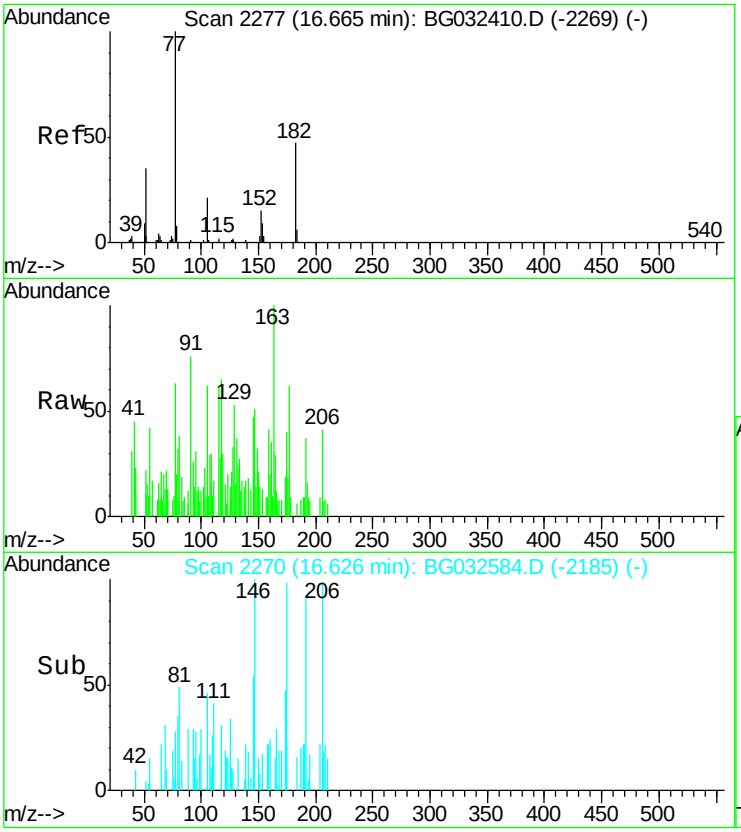


#61
4-Nitroaniline
Concen: 0.080 ng
RT: 16.39 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:138 Resp: 80

Ion	Ratio	Lower	Upper
138	100		
92	101.3	40.1	80.1#
108	188.9	65.4	105.4#



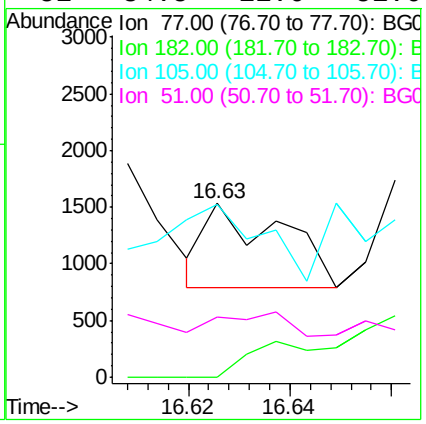


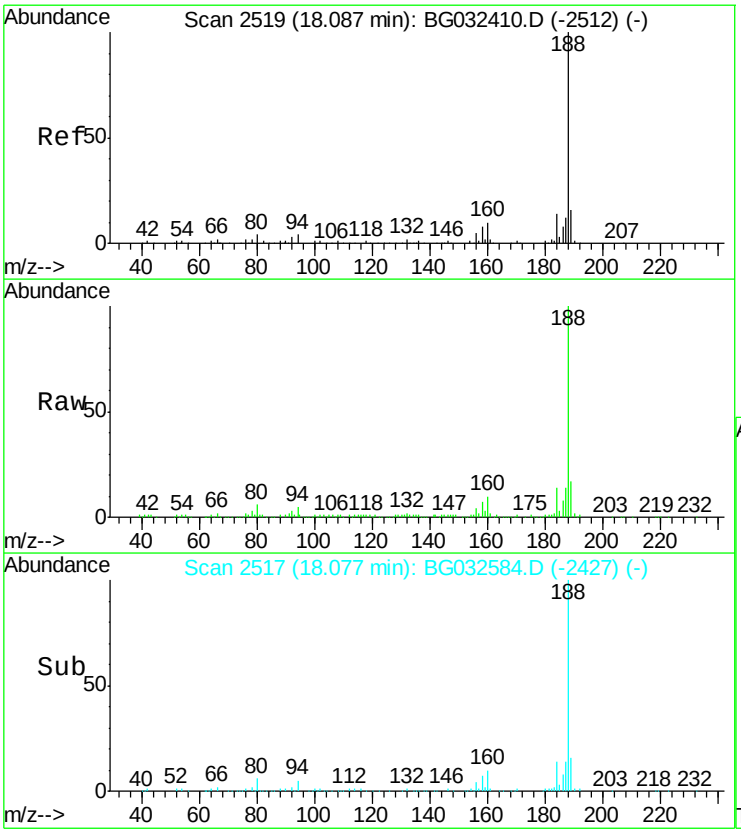
#62
Azobenzene
Concen: 0.260 ng
RT: 16.63 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion: 77 Resp: 765

Ion	Ratio	Lower	Upper
77	100		
182	0.0	7.4	47.4#
105	99.7	0.3	40.3#
51	34.5	11.6	51.6

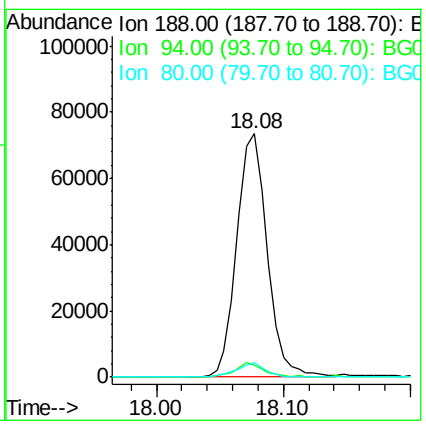


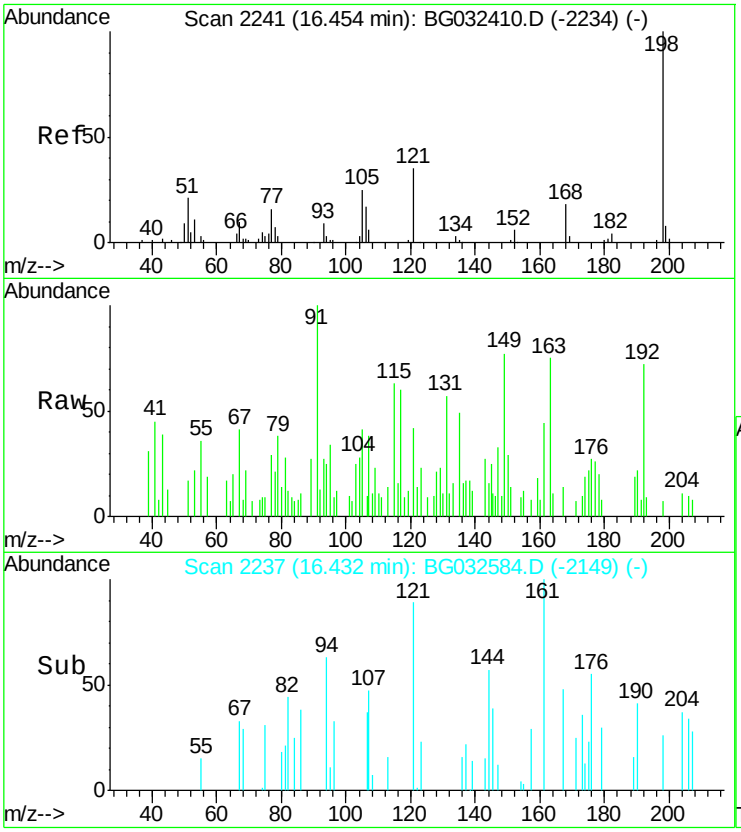


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:188 Resp: 122536

Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	5.8	7.7	11.5#



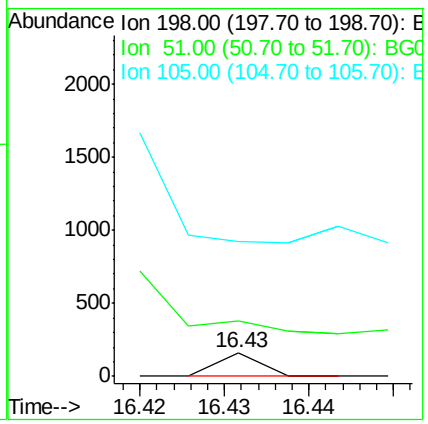


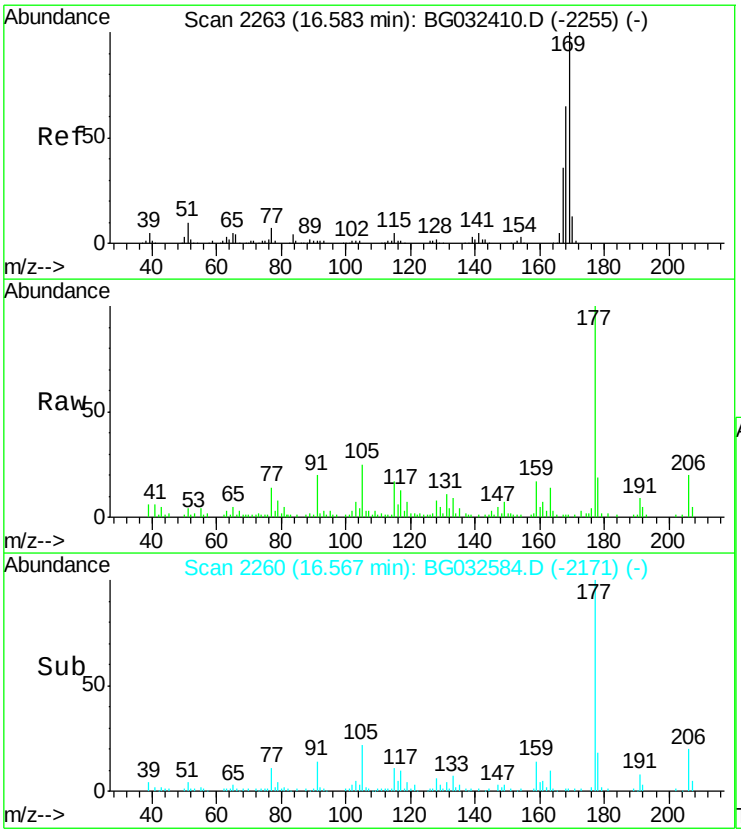
#64
4,6-Dinitro-2-methylphenol
Concen: 0.063 ng
RT: 16.43 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:198 Resp: 58

Ion	Ratio	Lower	Upper
198	100		
51	229.7	30.6	70.6#
105	558.8	23.8	63.8#

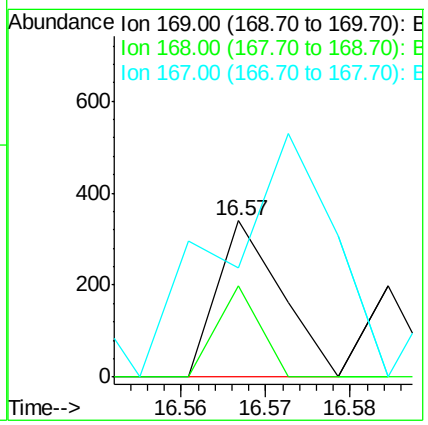


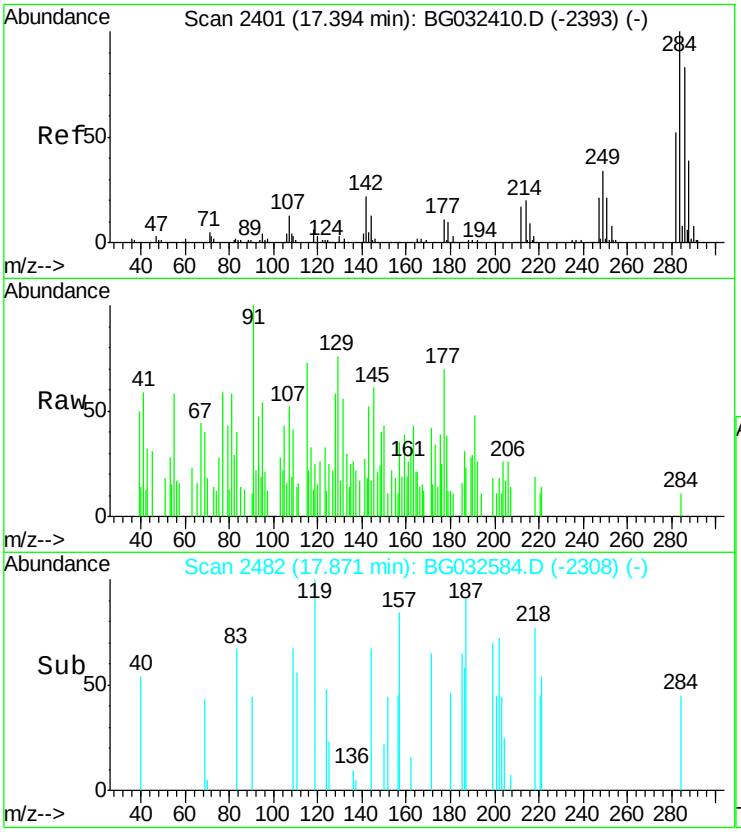


#65
n-Nitrosodiphenylamine
Concen: 0.048 ng
RT: 16.57 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:169 Resp: 177

Ion	Ratio	Lower	Upper
169	100		
168	58.5	55.7	83.5
167	70.0	30.1	45.1#



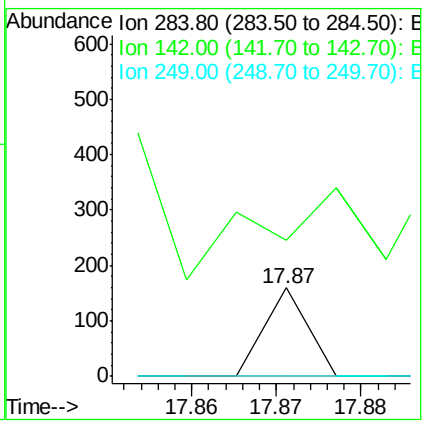


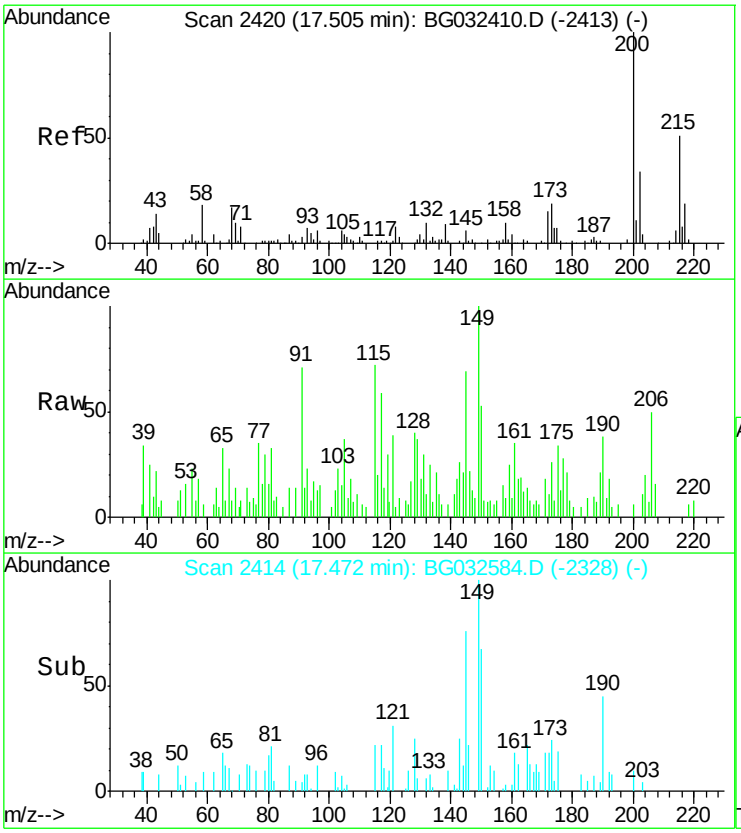
#67
Hexachlorobenzene
Concen: 0.028 ng
RT: 17.87 min Scan# 2482
Delta R.T. 0.49 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:284 Resp: 56

Ion	Ratio	Lower	Upper
284	100		
142	153.1	26.8	40.2#
249	0.0	26.3	39.5#

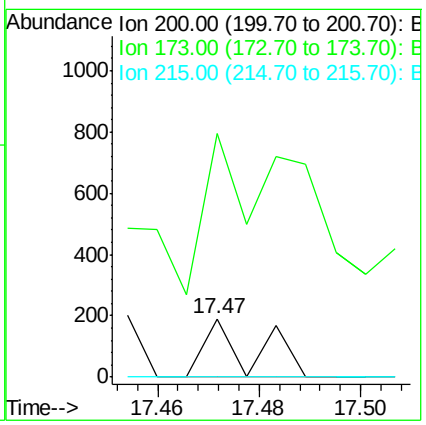


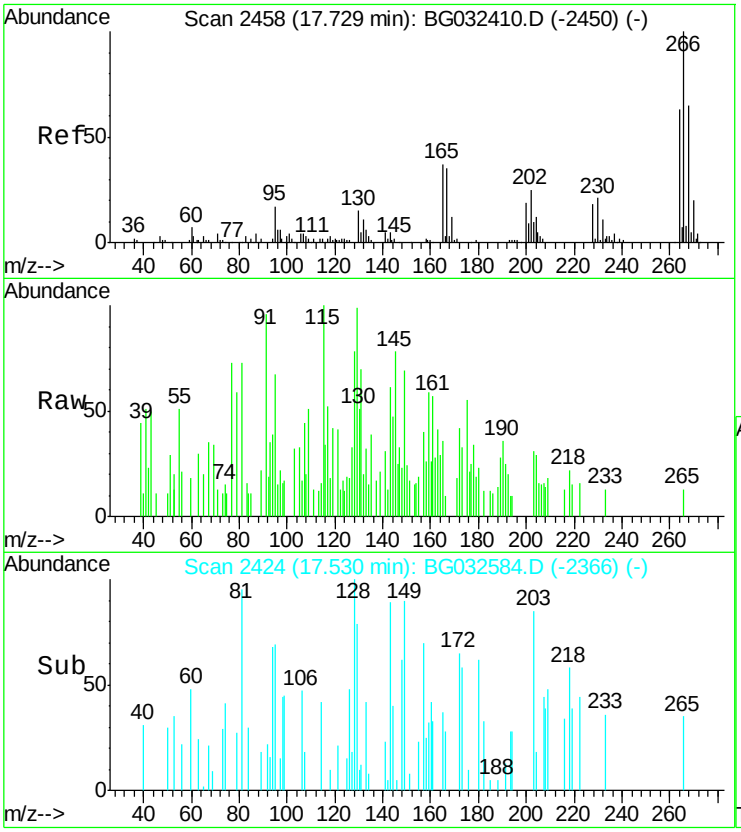


#68
Atrazine
Concen: 0.081 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:200 Resp: 127

Ion	Ratio	Lower	Upper
200	100		
173	418.4	5.2	45.2#
215	0.0	30.4	70.4#



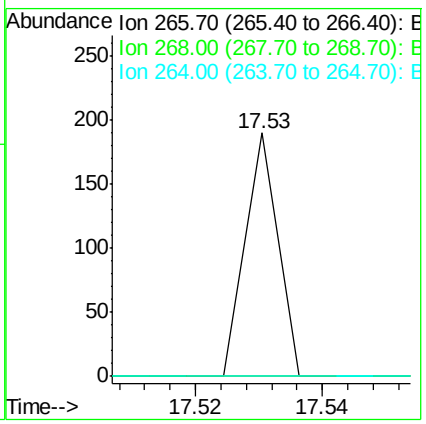


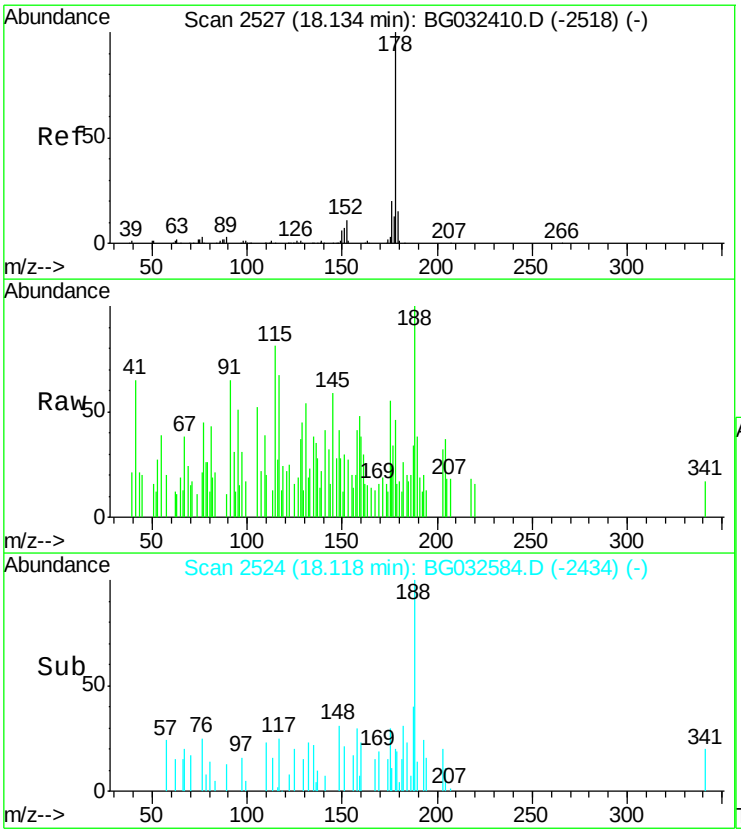
#69
Pentachlorophenol
Concen: 0.053 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.19 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:266 Resp: 67

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

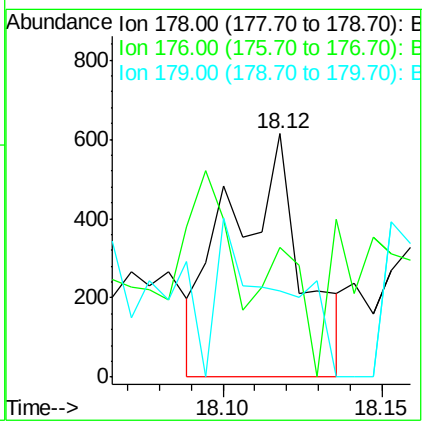


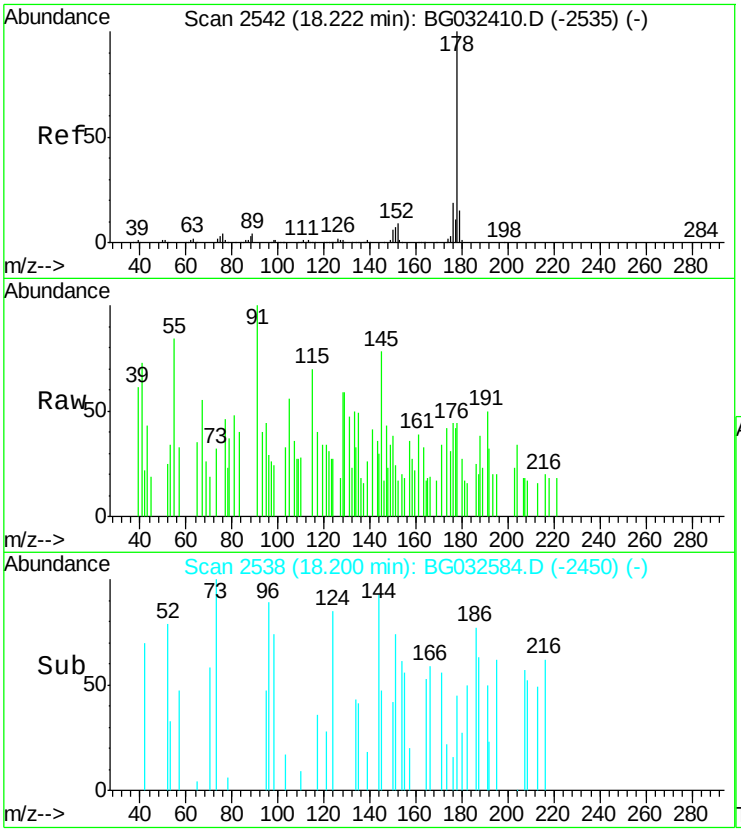


#70
Phenanthrene
Concen: 0.141 ng
RT: 18.12 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:178 Resp: 966

Ion	Ratio	Lower	Upper
178	100		
176	53.3	15.7	23.5#
179	35.5	12.5	18.7#



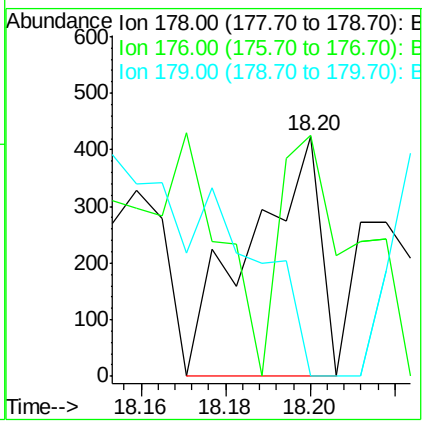


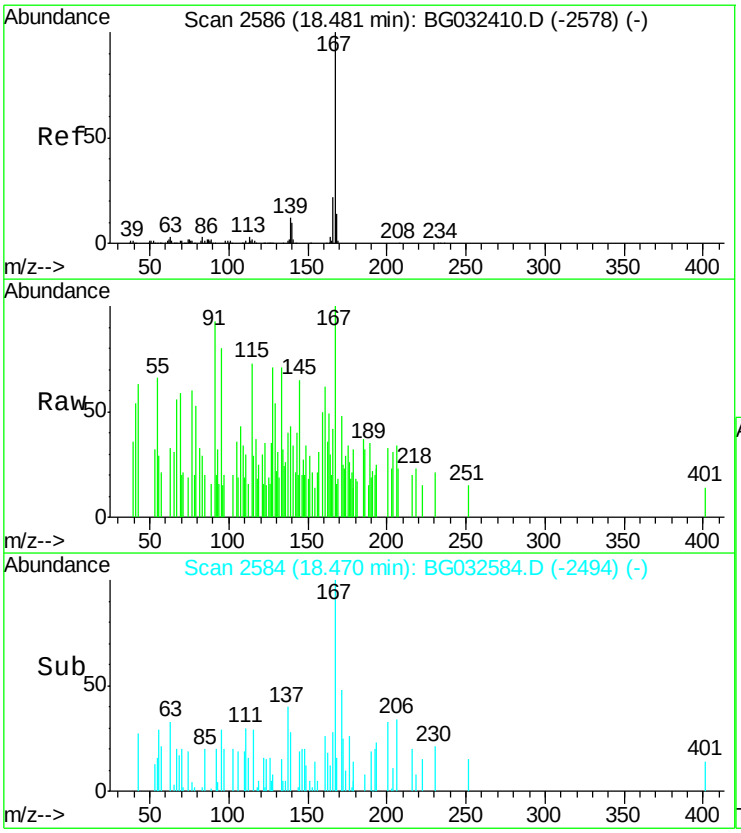
#71
Anthracene
Concen: 0.071 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:178 Resp: 486

Ion	Ratio	Lower	Upper
178	100		
176	100.5	16.0	24.0#
179	0.0	12.5	18.7#

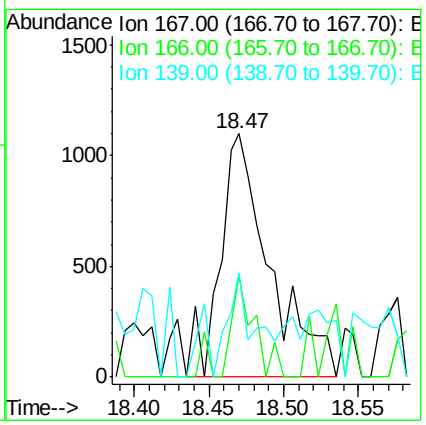


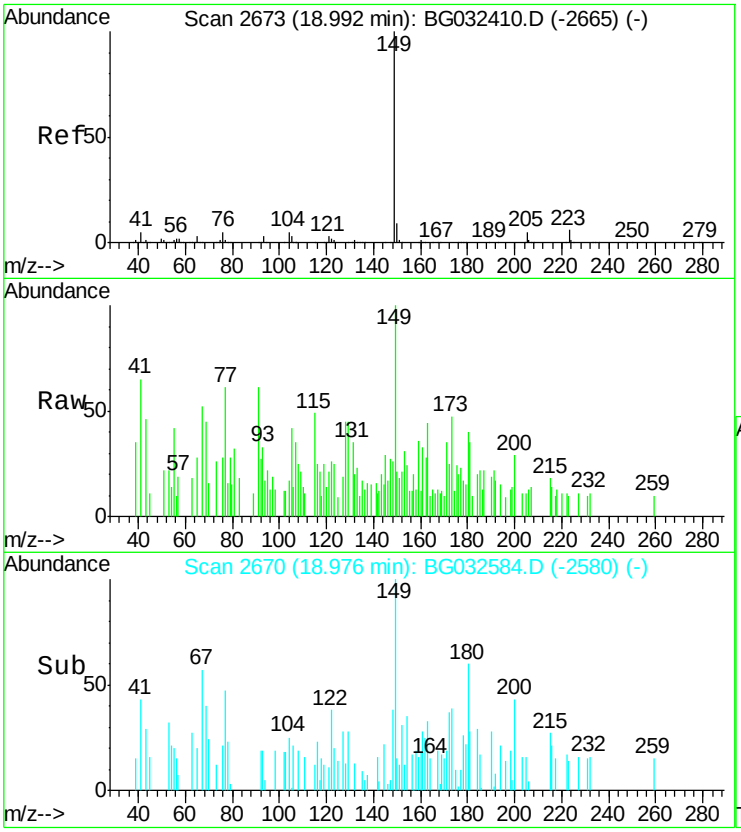


#72
Carbazole
Concen: 0.428 ng
RT: 18.47 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:167 Resp: 2572

Ion	Ratio	Lower	Upper
167	100		
166	41.8	18.2	27.4#
139	42.6	9.4	14.2#



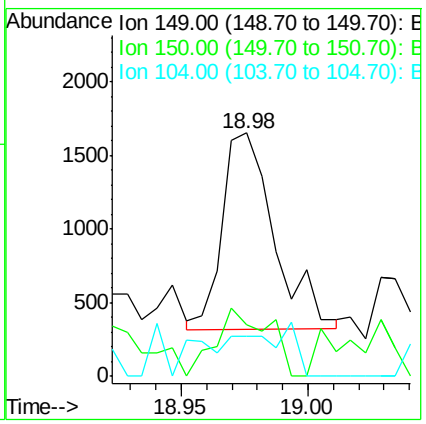


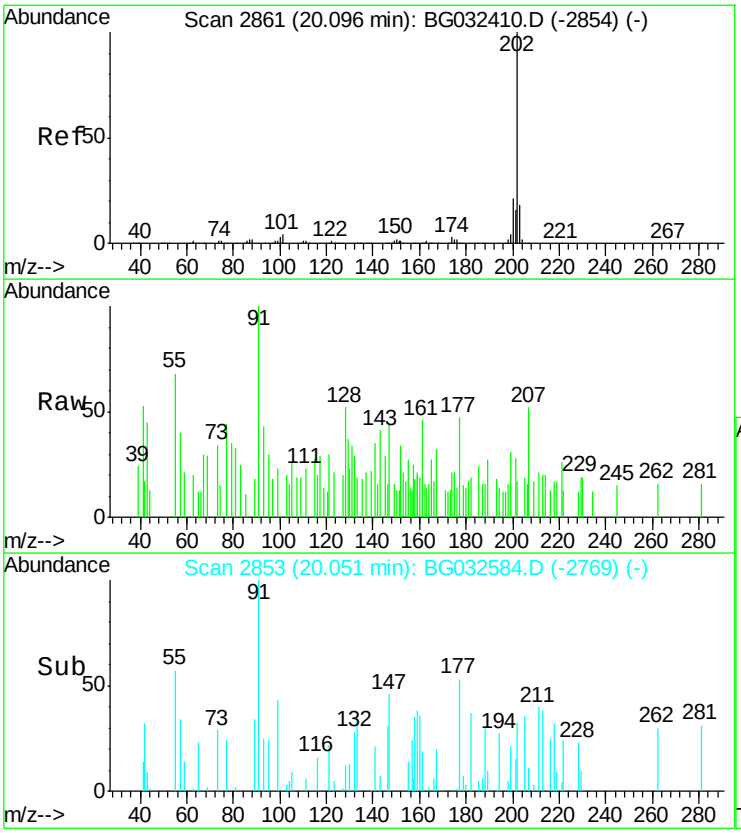
#73
Di-n-butylphthalate
Concen: 0.286 ng
RT: 18.98 min Scan# 2670
Delta R.T. 0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:149 Resp: 1903

Ion	Ratio	Lower	Upper
149	100		
150	21.0	7.8	11.6#
104	16.6	3.9	5.9#

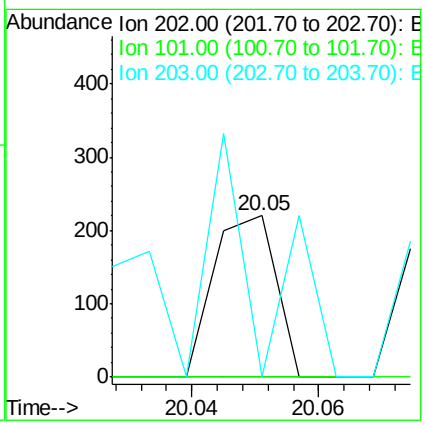


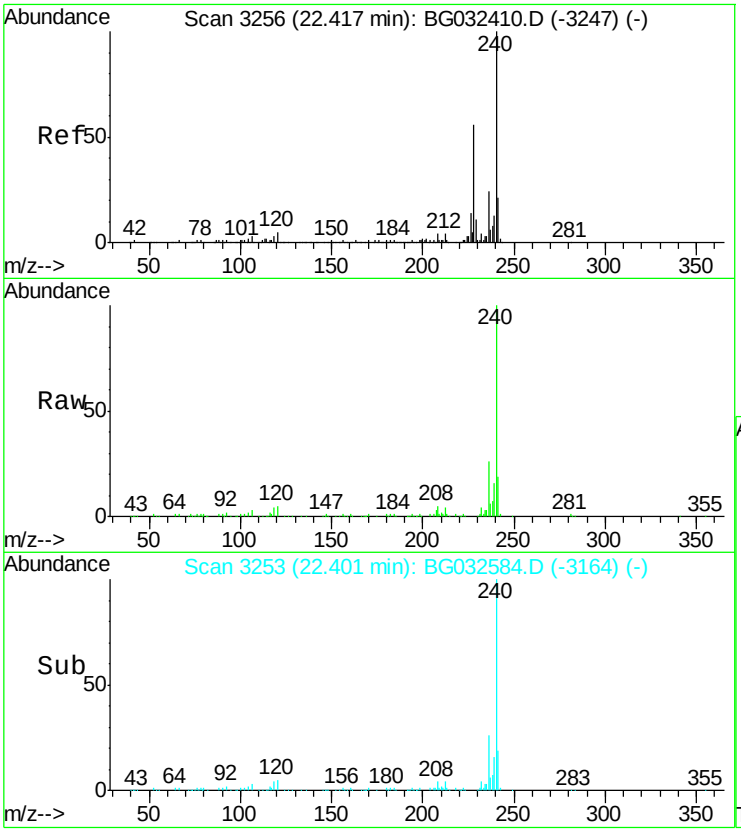


#74
Fluoranthene
Concen: 0.017 ng
RT: 20.05 min Scan# 2853
Delta R.T. -0.03 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:202 Resp: 148

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



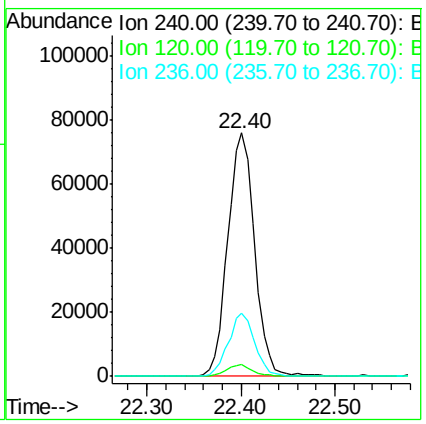


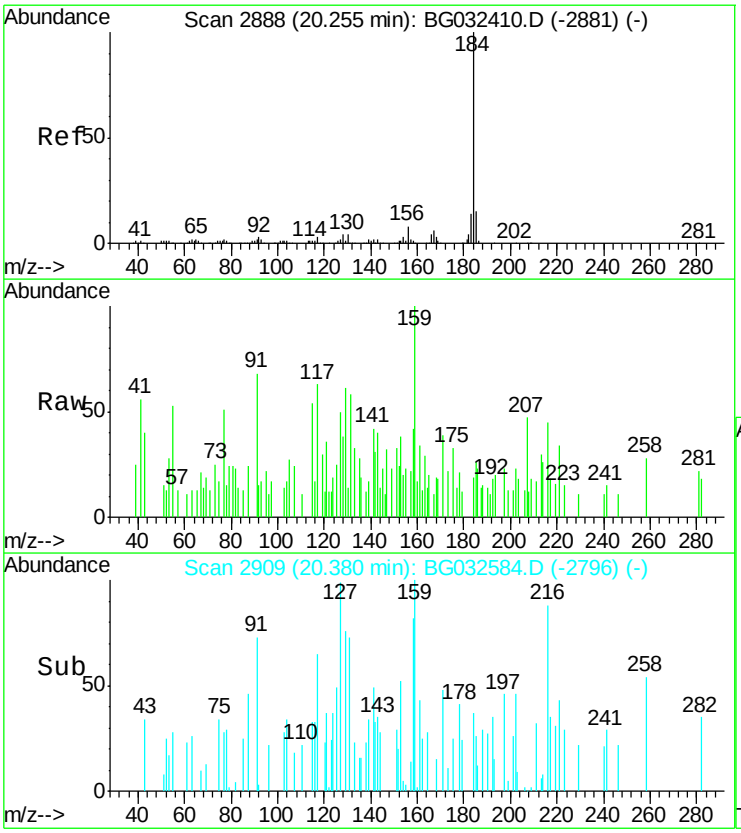
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:240 Resp: 150239

Ion	Ratio	Lower	Upper
240	100		
120	4.8	6.8	10.2#
236	26.1	20.9	31.3

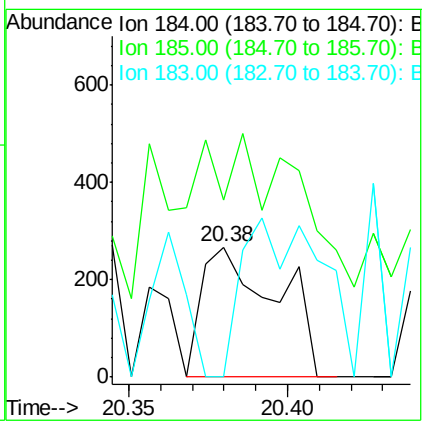


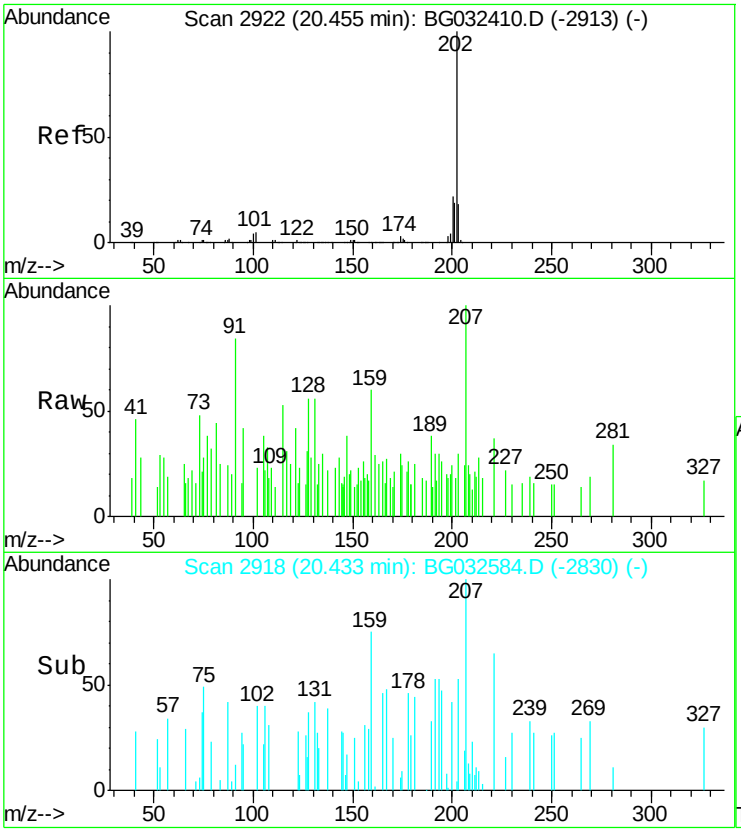


#76
Benzidine
Concen: 0.148 ng
RT: 20.38 min Scan# 2909
Delta R.T. 0.14 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:184 Resp: 436

Ion	Ratio	Lower	Upper
184	100		
185	136.3	11.1	16.7#
183	0.0	10.6	16.0#



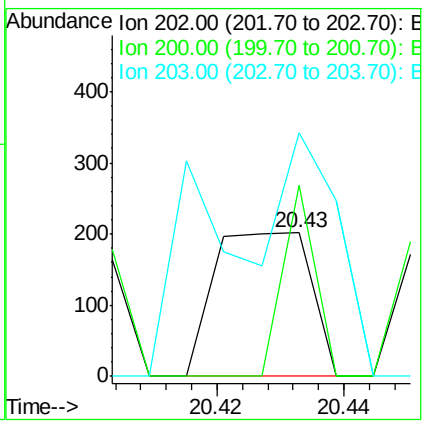


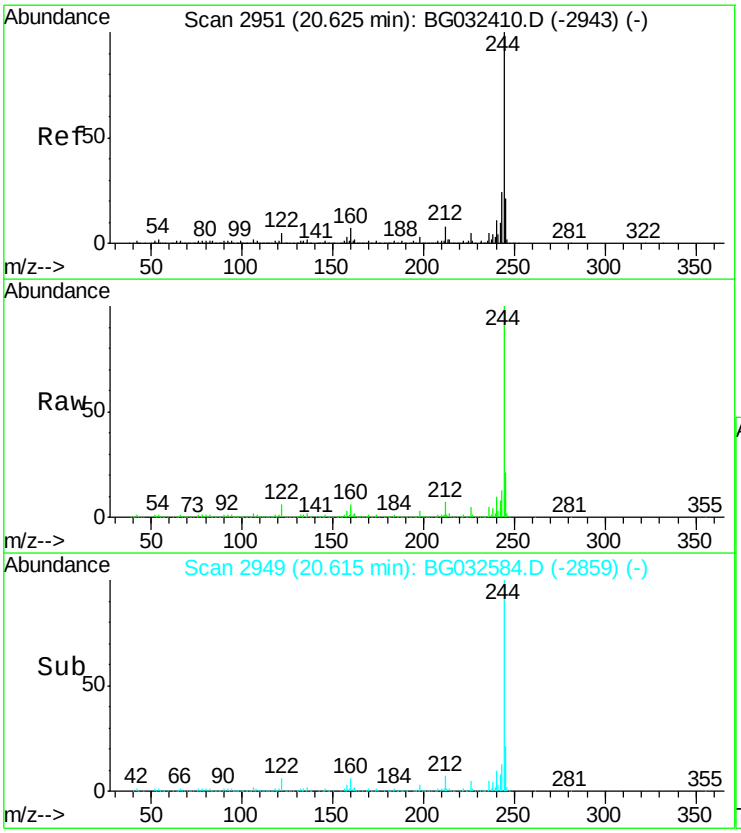
#77
Pyrene
Concen: 0.023 ng
RT: 20.43 min Scan# 2918
Delta R.T. -0.01 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:202 Resp: 211

Ion	Ratio	Lower	Upper
202	100		
200	133.2	16.9	25.3#
203	169.3	13.9	20.9#

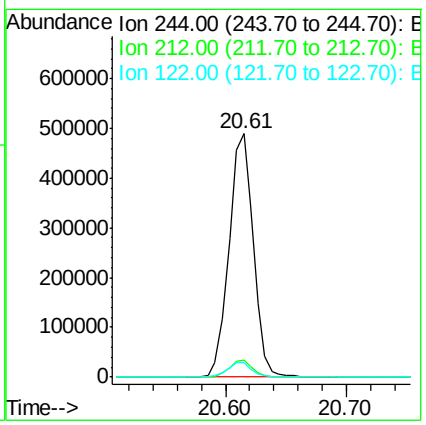


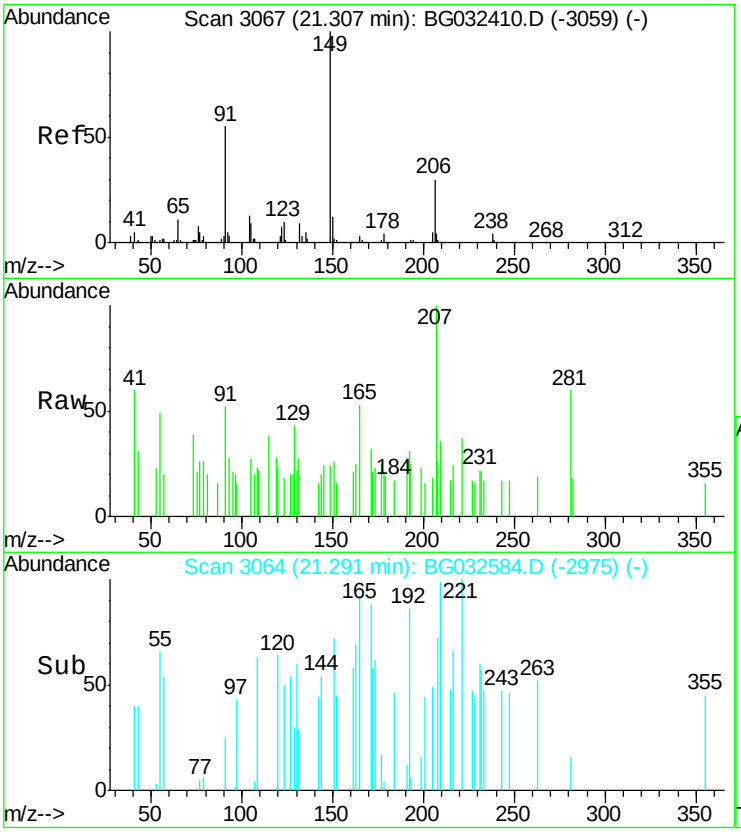


#78
Terphenyl-d14
Concen: 98.005 ng
RT: 20.61 min Scan# 2949
Delta R.T. 0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:244 Resp: 687377

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	5.7	7.0	10.4#



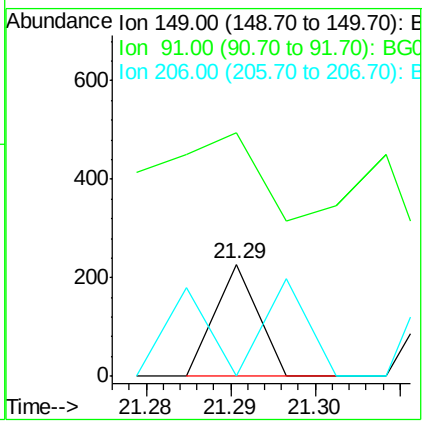


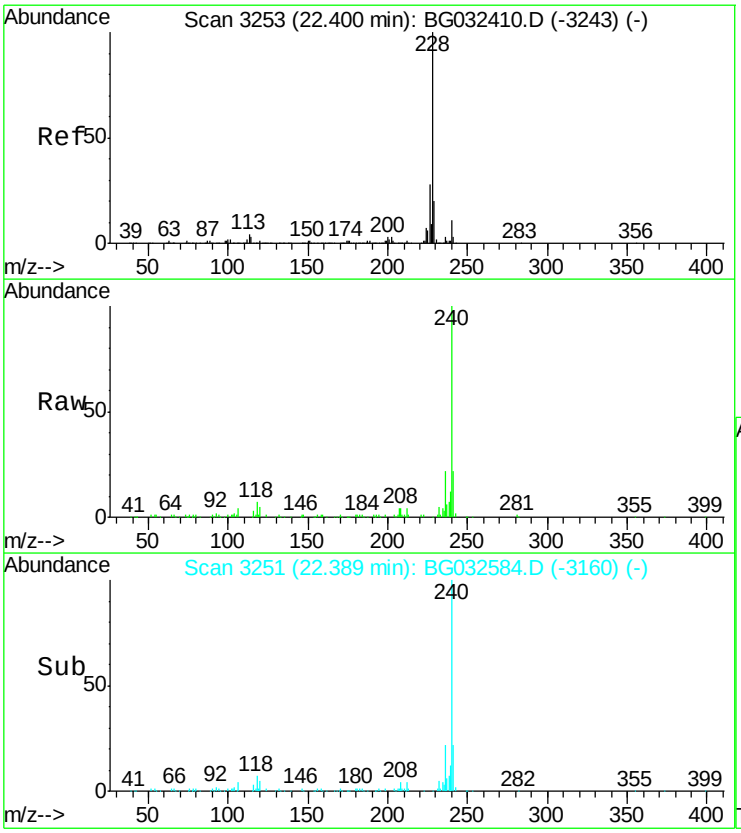
#79
Butylbenzylphthalate
Concen: 0.028 ng
RT: 21.29 min Scan# 3064
Delta R.T. -0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:149 Resp: 80

Ion	Ratio	Lower	Upper
149	100		
91	217.6	62.2	93.2#
206	0.0	18.6	27.8#

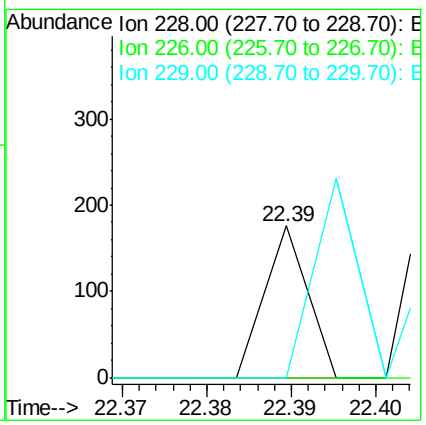


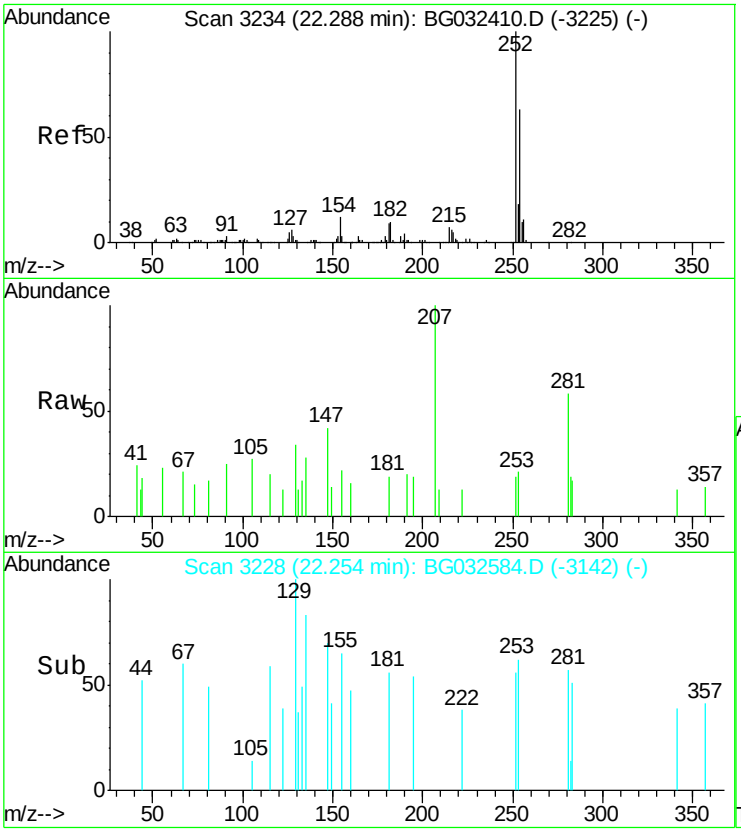


#80
Benzo(a)anthracene
Concen: 0.007 ng
RT: 22.39 min Scan# 3251
Delta R.T. 0.01 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:228 Resp: 62

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



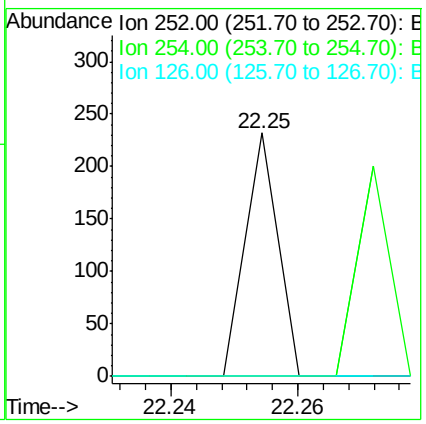


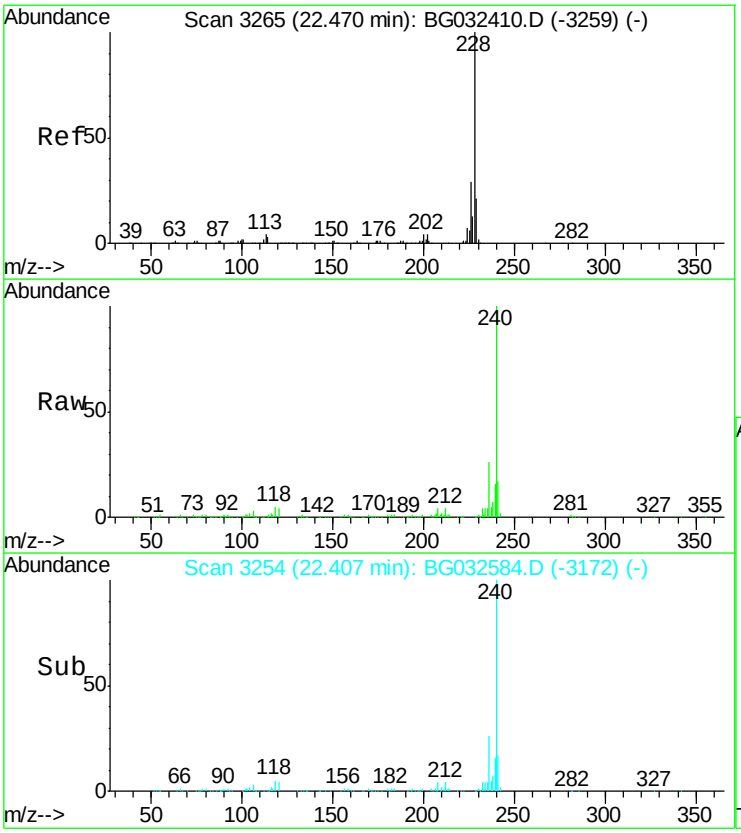
#81
3,3'-Dichlorobenzidine
Concen: 0.023 ng
RT: 22.25 min Scan# 3228
Delta R.T. -0.02 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:252 Resp: 82

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

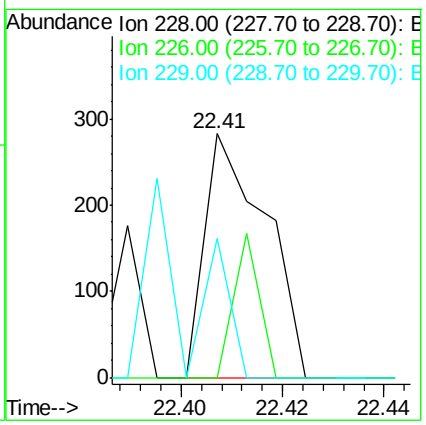


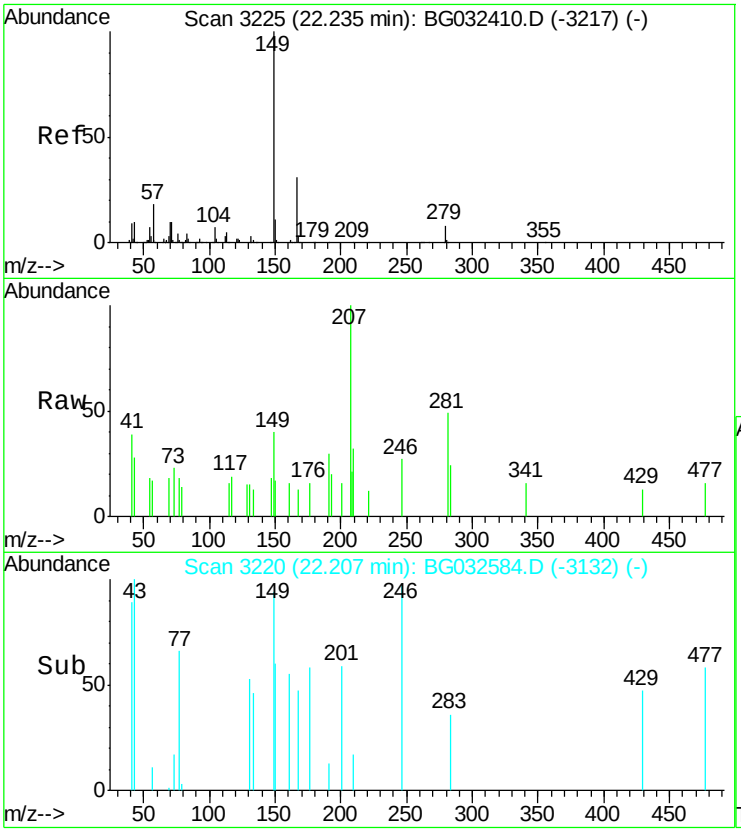


#82
Chrysene
Concen: 0.026 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.05 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:228 Resp: 236

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	57.2	15.0	22.4#



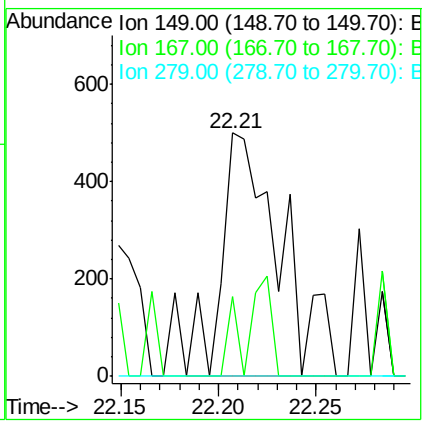


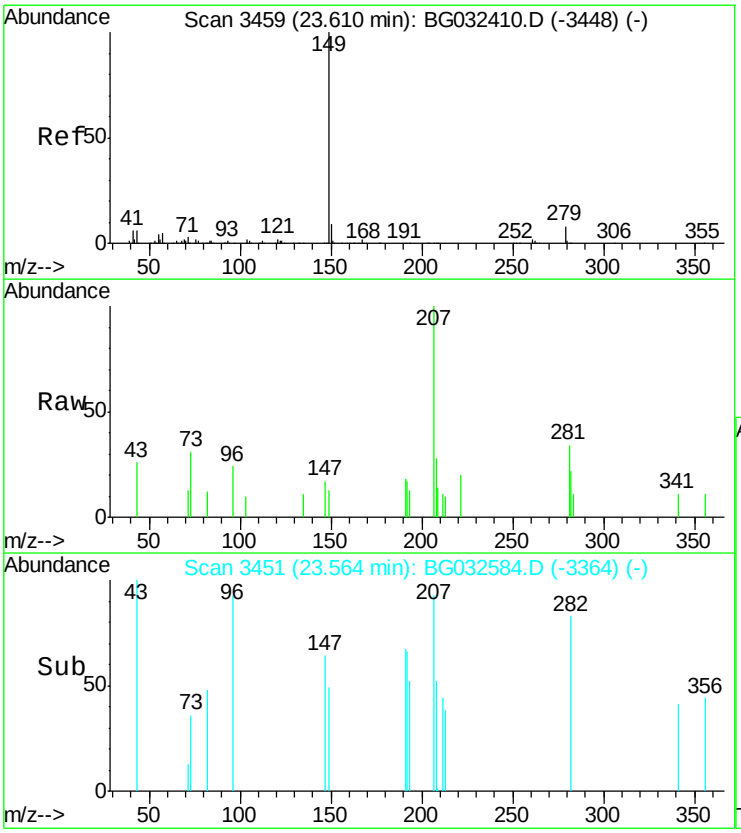
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.255 ng
RT: 22.21 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:149 Resp: 1050

Ion	Ratio	Lower	Upper
149	100		
167	33.0	24.3	36.5
279	0.0	4.0	6.0#

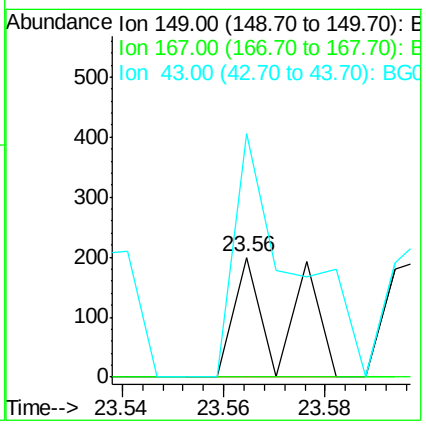


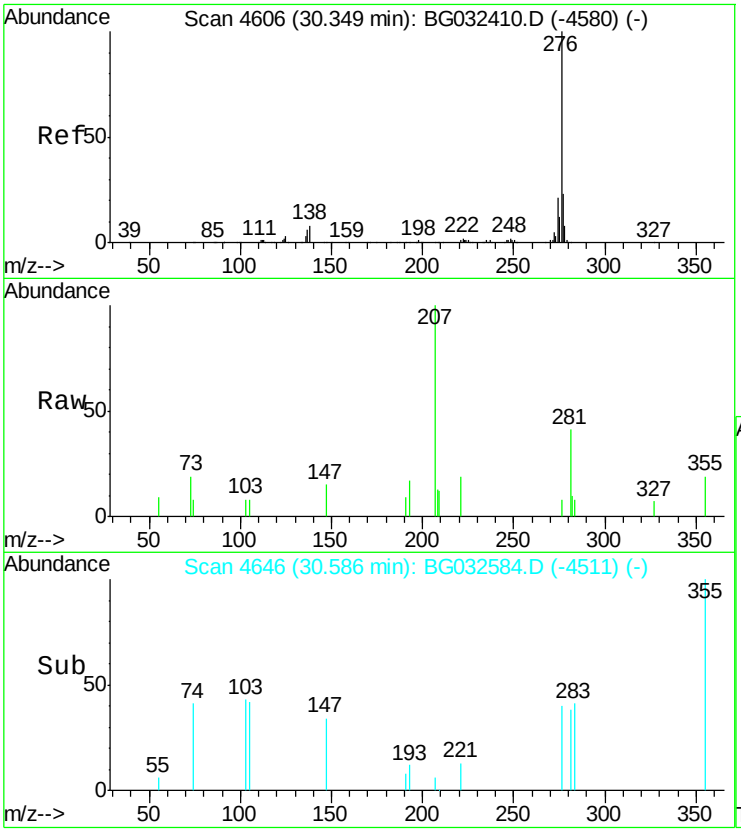


#84
Di-n-octyl phthalate
Concen: 0.021 ng
RT: 23.56 min Scan# 3451
Delta R.T. -0.02 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:149 Resp: 138

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	238.4	8.9	13.3#



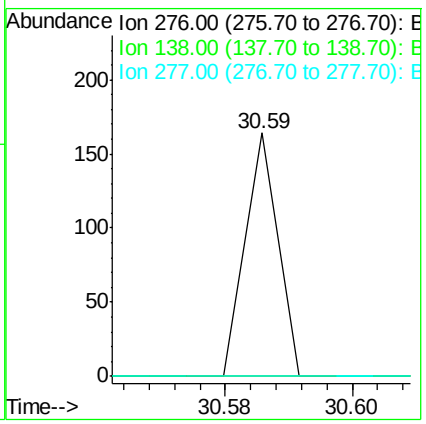


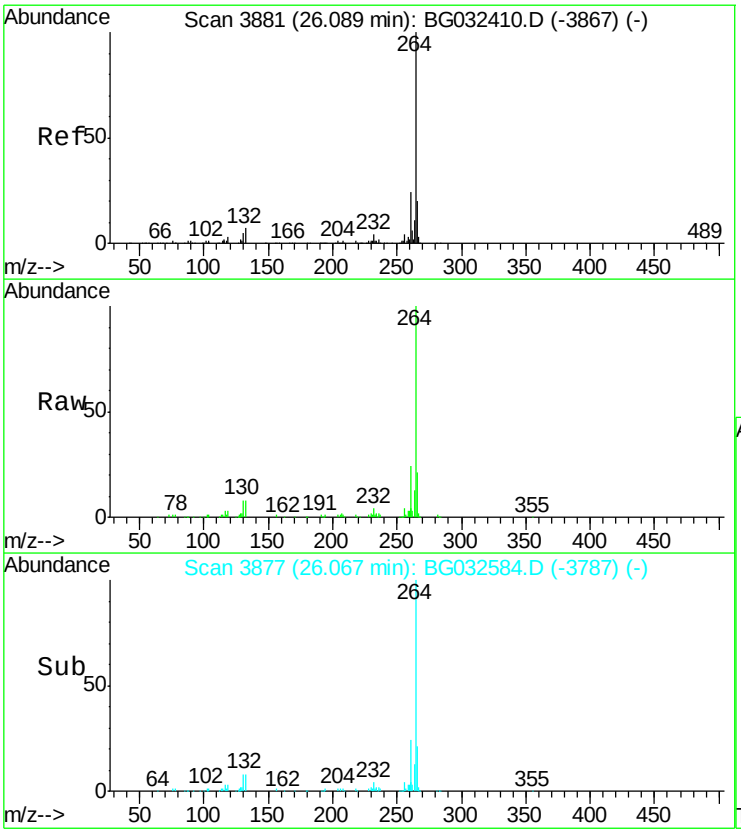
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.005 ng
RT: 30.59 min Scan# 4646
Delta R.T. 0.27 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:276 Resp: 58

Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	0.0	20.0	30.0#

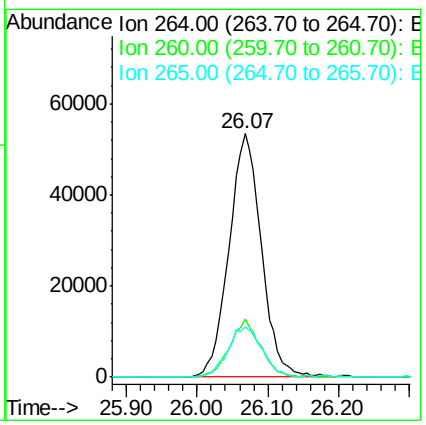


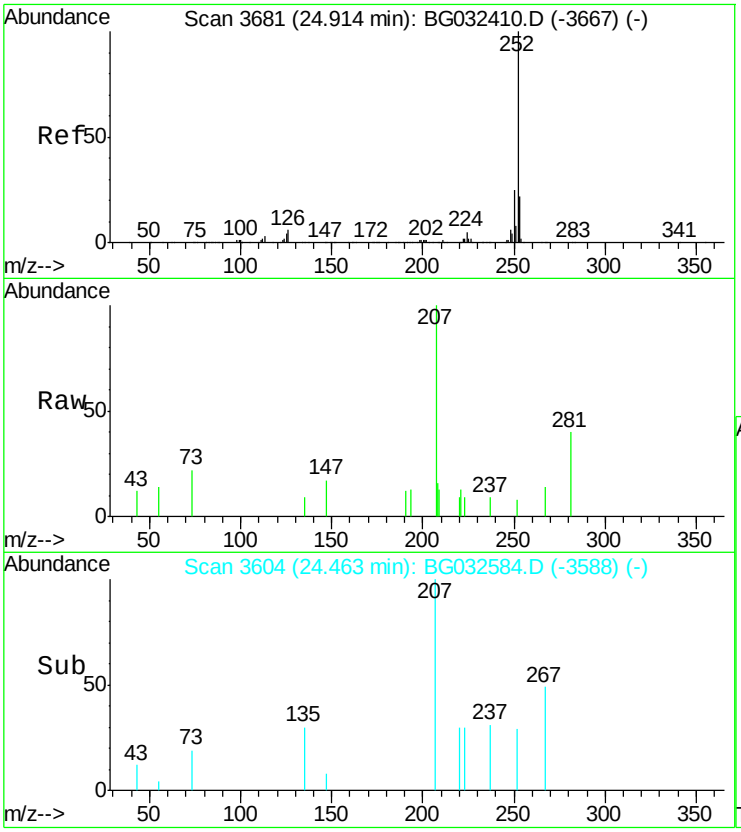


#86
Perylene-d12
Concen: 20.000 ng
RT: 26.07 min Scan# 3877
Delta R.T. 0.00 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:264 Resp: 170700

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	20.5	17.7	26.5



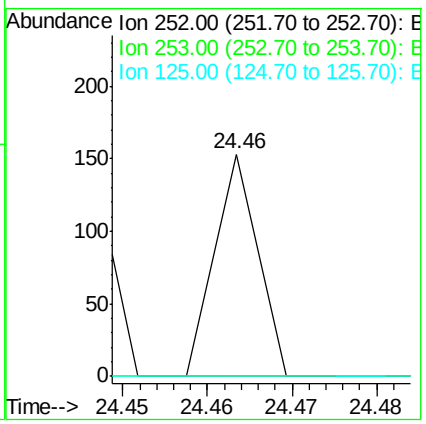


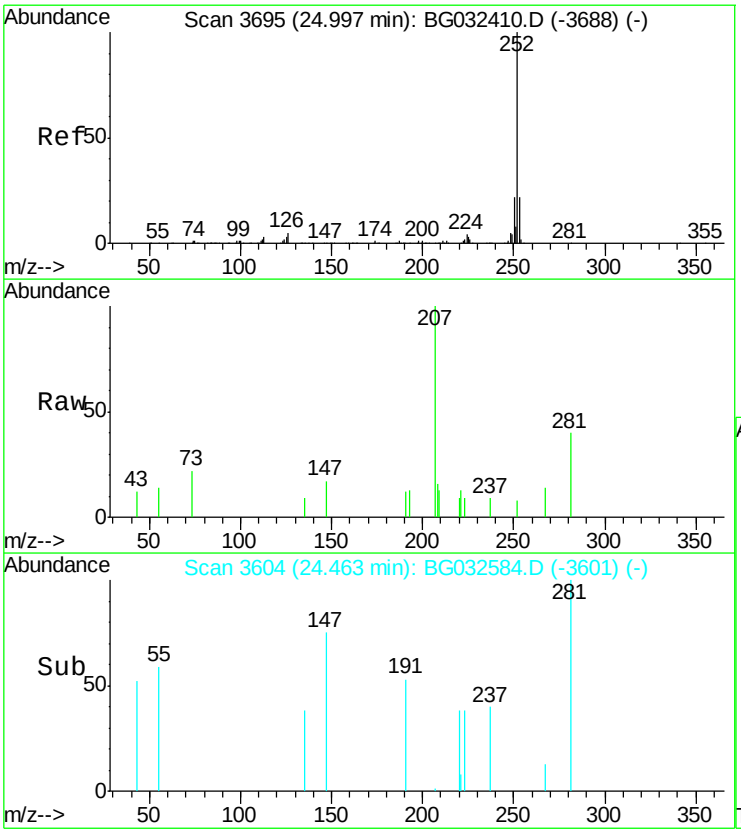
#87
Benzo(b)fluoranthene
Concen: 0.005 ng
RT: 24.46 min Scan# 3604
Delta R.T. -0.43 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:252 Resp: 54

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

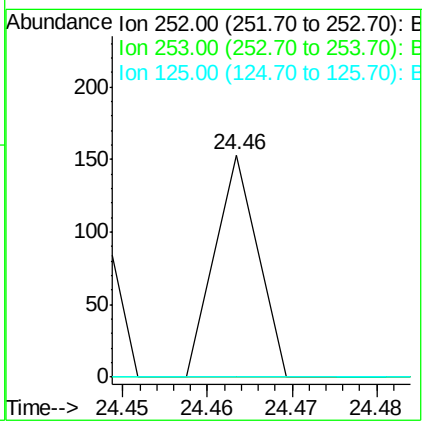


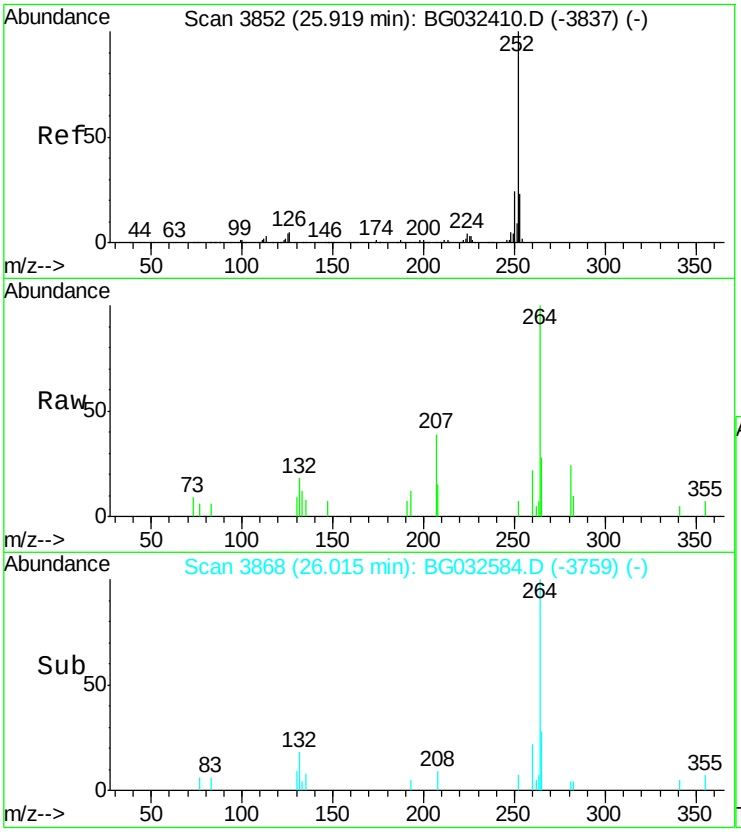


#88
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 24.46 min Scan# 3604
Delta R.T. -0.51 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:252 Resp: 54

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



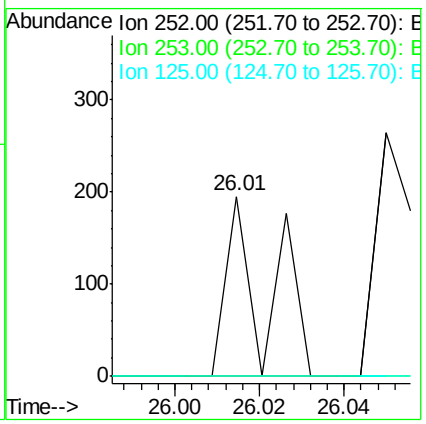


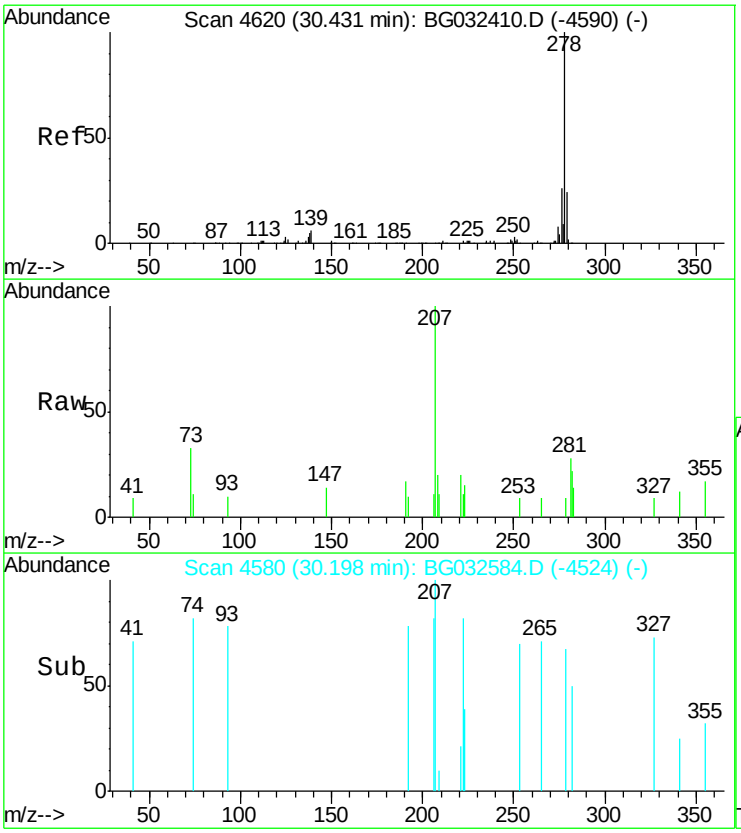
#89
Benzo(a)pyrene
Concen: 0.013 ng
RT: 26.01 min Scan# 3868
Delta R.T. 0.11 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Tgt Ion:252 Resp: 131

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





#90
Dibenzo(a,h)anthracene
Concen: 0.005 ng
RT: 30.20 min Scan# 4580
Delta R.T. -0.20 min
Lab File: BG032584.D
Acq: 7 Feb 2018 4:56

Tgt Ion:278 Resp: 53

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.8	14.6#
279	0.0	18.4	27.6#