Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG011218\
Data File : BG032012.D
Acq On : 12 Jan 2018 21:16
Operator : SJ/JU
Sample : J1011-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 13 02:57:05 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 12 17:27:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	51663	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	209596	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	144635	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	394667	20.00	ng	0.00
75) Chrysene-d12	22.48	240	453376	20.00	ng	0.00
86) Perylene-d12	26.21	264	474393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	368355	130.40	ng	0.00
7) Phenol-d6	7.88	99	418719	117.70	ng	0.00
23) Nitrobenzene-d5	9.97	82	285930	92.29	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	361947	151.23	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1032162	88.49	ng	0.00
78) Terphenyl-d14	20.67	244	1996425	97.23	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.93	88	61	0.056	ng	# 60
4) n-Nitrosodimethylamine	4.21	42	81	0.080	ng	# 1
6) Aniline	8.29	93	334	0.074	ng	# 1
9) Benzaldehyde	7.89	77	712	0.345	ng	# 5
10) Phenol	7.89	94	71	0.020	ng	# 1
11) bis(2-Chloroethyl)ether	8.29	93	334	0.119	ng	# 1
12) 1,3-Dichlorobenzene	9.10	146	82	0.020	ng	# 1
13) 1,4-Dichlorobenzene	9.10	146	82	0.020	ng	# 1
14) 1,2-Dichlorobenzene	9.10	146	82	0.020	ng	# 1
15) Benzyl Alcohol	9.12	79	4343	1.680	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	9.36	45	58	0.020	ng	75
19) n-Nitroso-di-n-propylamine	9.97	70	37902	17.171	ng	# 68
22) Acetophenone	9.62	105	283	0.059	ng	# 50
24) Nitrobenzene	9.97	77	1111	0.360	ng	# 42
27) 2,4-Dimethylphenol	11.03	122	64	0.022	ng	# 1
31) Naphthalene	11.71	128	42846	4.127	ng	95
32) Benzoic acid	11.03	122	64	5.280	ng	# 1
33) 4-Chloroaniline	11.71	127	6340	1.424	ng	# 36
35) Caprolactam	12.17	113	53	0.049	ng	# 1
36) 4-Chloro-3-methylphenol	13.21	107	55	0.017	ng	# 22
37) 2-Methylnaphthalene	13.27	142	1837	0.223	ng	89
40) Hexachlorocyclopentadiene	13.96	237	62	0.017	ng	# 22
45) 1,1'-Biphenyl	14.25	154	2714	0.219	ng	84
46) 2-Chloronaphthalene	13.91	162	57	0.006	ng	# 39
47) 2-Nitroaniline	14.04	65	1058	0.573	ng	# 1
48) Acenaphthylene	15.14	152	851	0.058	ng	# 59
50) 2,6-Dinitrotoluene	15.40	165	18670	7.107	ng	# 21
51) Acenaphthene	15.47	154	114	0.012	ng	# 71
54) Dibenzofuran	15.80	168	1693	0.117	ng	# 83
55) 4-Nitrophenol	15.80	139	298	0.172	ng	# 1
56) 2,4-Dinitrotoluene	15.40	165	18670	5.279	ng	# 19
57) Fluorene	16.44	166	1221	0.103	ng	# 72
59) Diethylphthalate	16.18	149	1522	0.124	ng	# 84
60) 4-Chlorophenyl-phenylether	16.64	204	68	0.009	ng	# 30

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG011218\
Data File : BG032012.D
Acq On : 12 Jan 2018 21:16
Operator : SJ/JU
Sample : J1011-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 13 02:57:05 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 12 17:27:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
61) 4-Nitroaniline	16.88	138	73	0.032	ng	#	1
62) Azobenzene	16.87	77	1027	0.134	ng	#	1
64) 4,6-Dinitro-2-methylphenol	16.88	198	747	5.150	ng	#	1
65) n-Nitrosodiphenylamine	16.88	169	10434	0.871	ng	#	48
66) 4-Bromophenyl-phenylether	16.88	248	28105	5.005	ng	#	1
70) Phenanthrene	18.18	178	2571	0.117	ng	#	87
71) Anthracene	18.26	178	214	0.010	ng	#	59
72) Carbazole	18.52	167	364	0.019	ng	#	59
73) Di-n-butylphthalate	19.04	149	1512	0.067	ng	#	73
74) Fluoranthene	20.14	202	553	0.020	ng		65
76) Benzidine	20.67	184	26747	2.359	ng	#	90
77) Pyrene	20.67	202	6968	0.244	ng	#	77
79) Butylbenzylphthalate	21.36	149	126	0.012	ng	#	20
80) Benzo(a)anthracene	22.43	228	61	0.002	ng	#	50
81) 3,3'-Dichlorobenzidine	22.35	252	147	0.014	ng	#	26
82) Chrysene	22.48	228	1311	0.048	ng	#	54
83) Bis(2-ethylhexyl)phthalate	22.29	149	447	0.030	ng	#	50
84) Di-n-octyl phthalate	23.71	149	148	0.006	ng	#	1
85) Indeno(1,2,3-cd)pyrene	30.54	276	64	0.002	ng	#	53
87) Benzo(b)fluoranthene	25.02	252	78	0.003	ng	#	59
88) Benzo(k)fluoranthene	25.10	252	399	0.014	ng	#	60
89) Benzo(a)pyrene	26.01	252	189	0.007	ng	#	59
90) Dibenzo(a,h)anthracene	30.60	278	196	0.007	ng	#	58
91) Benzo(g,h,i)perylene	31.88	276	74	0.003	ng	#	56

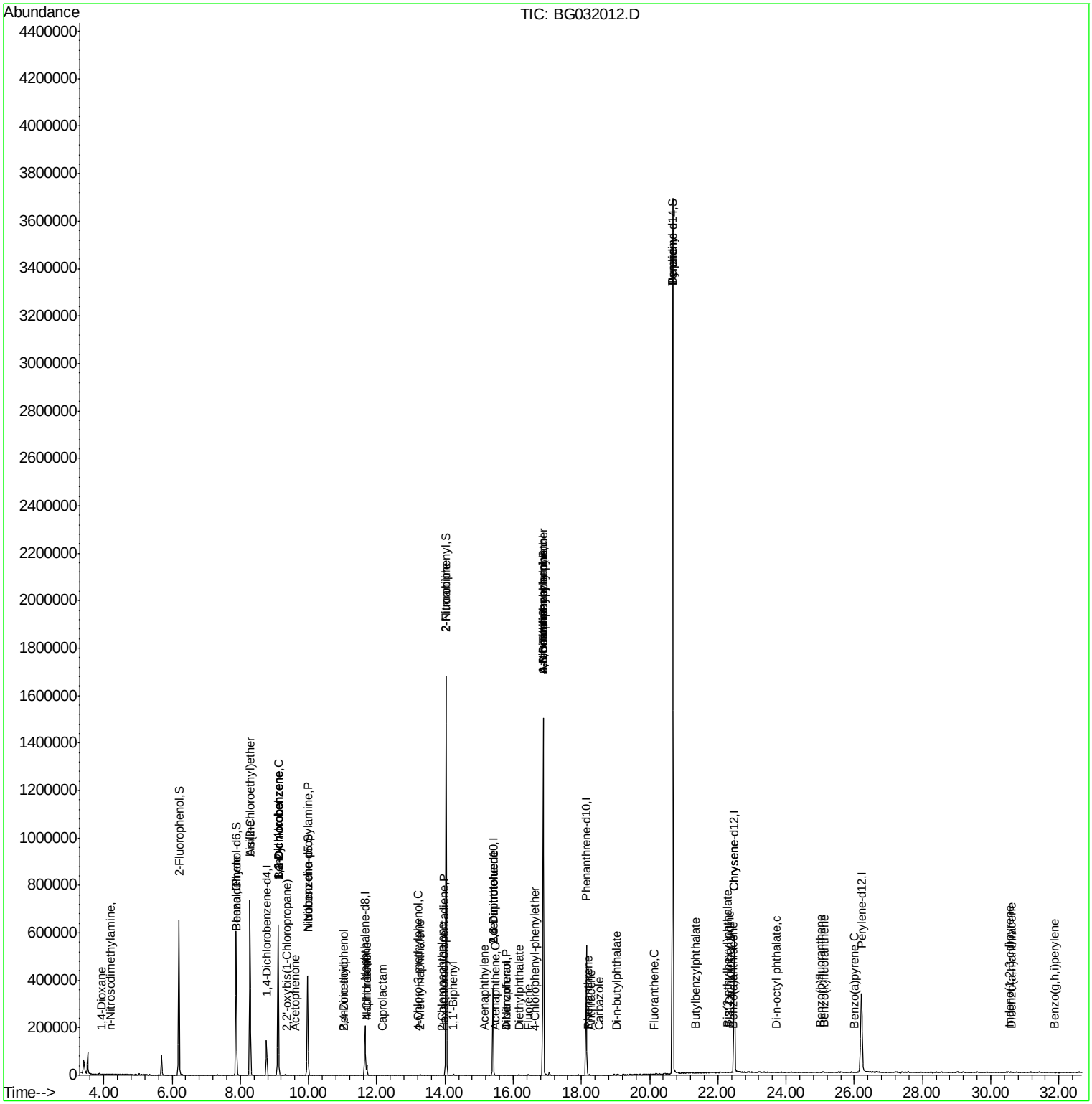
(#) = qualifier out of range (m) = manual integration (+) = signals summed

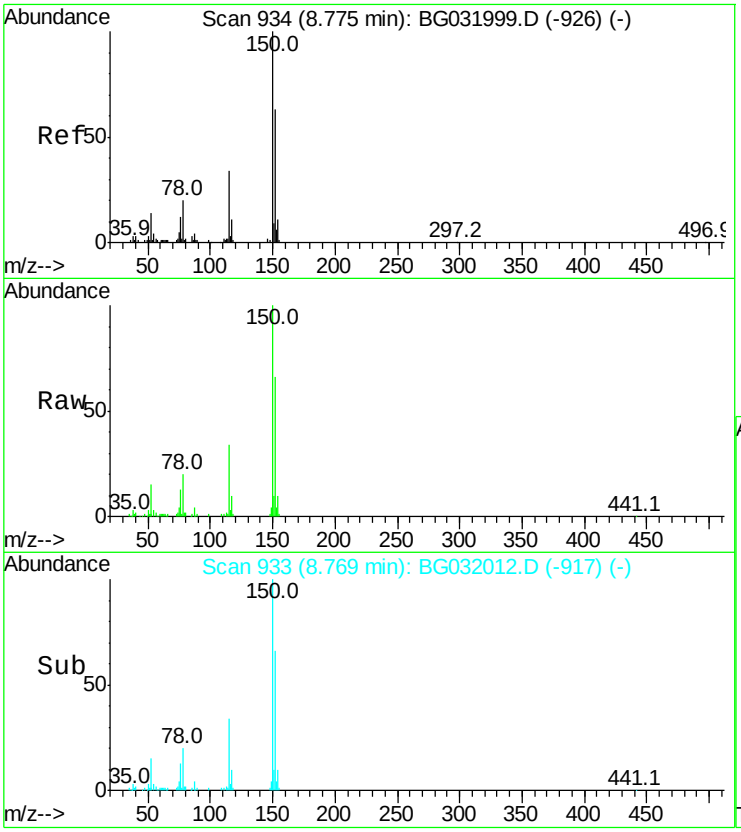
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG011218\
Data File : BG032012.D
Acq On : 12 Jan 2018 21:16
Operator : SJ/JU
Sample : J1011-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 13 02:57:05 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 12 17:27:17 2018
Response via : Initial Calibration



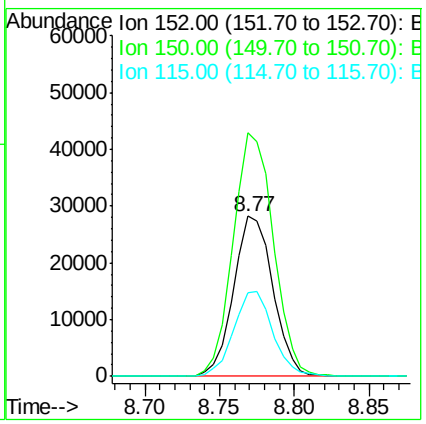


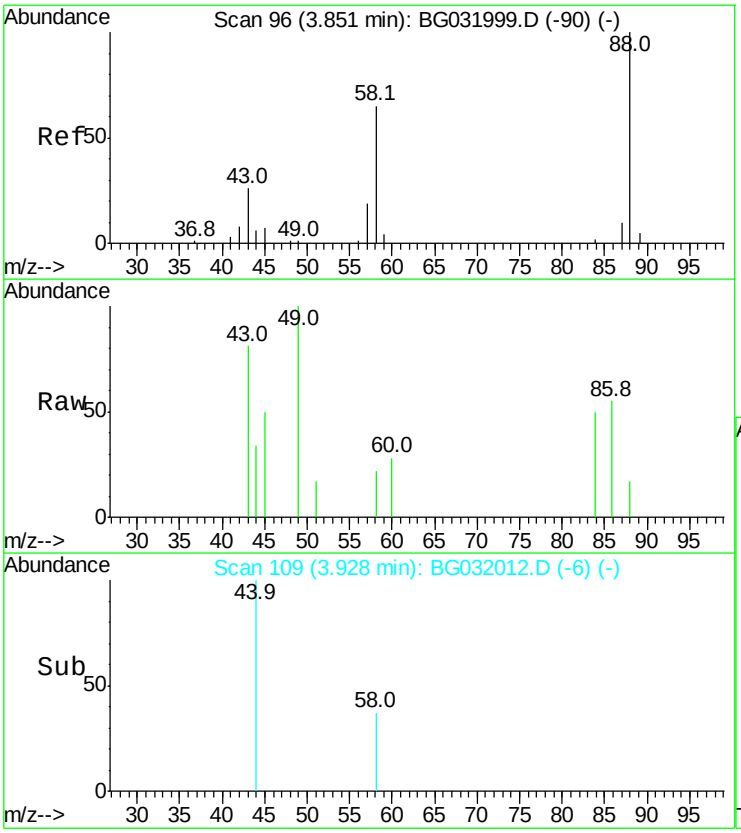
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 51663

Ion	Ratio	Lower	Upper
152	100		
150	151.9	126.6	189.8
115	52.0	53.0	79.4#

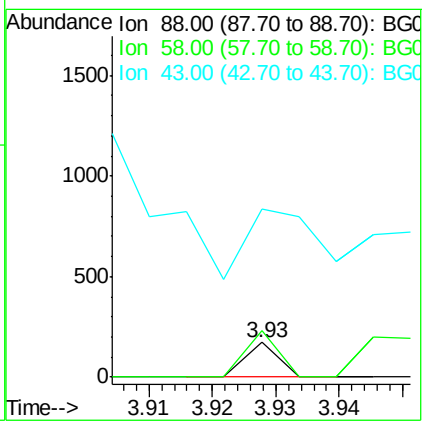


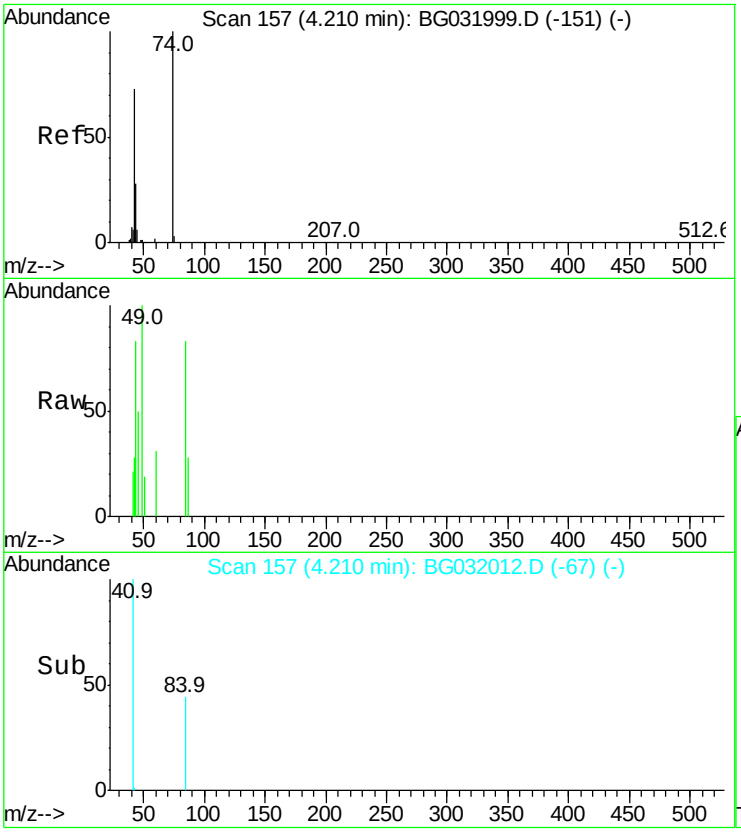


#2
1,4-Dioxane
Concen: 0.056 ng
RT: 3.93 min Scan# 109
Delta R.T. 0.08 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
58	132.8	79.6	119.4#
43	0.0	27.4	41.0#



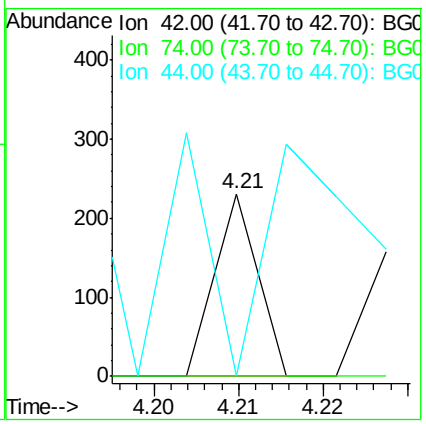


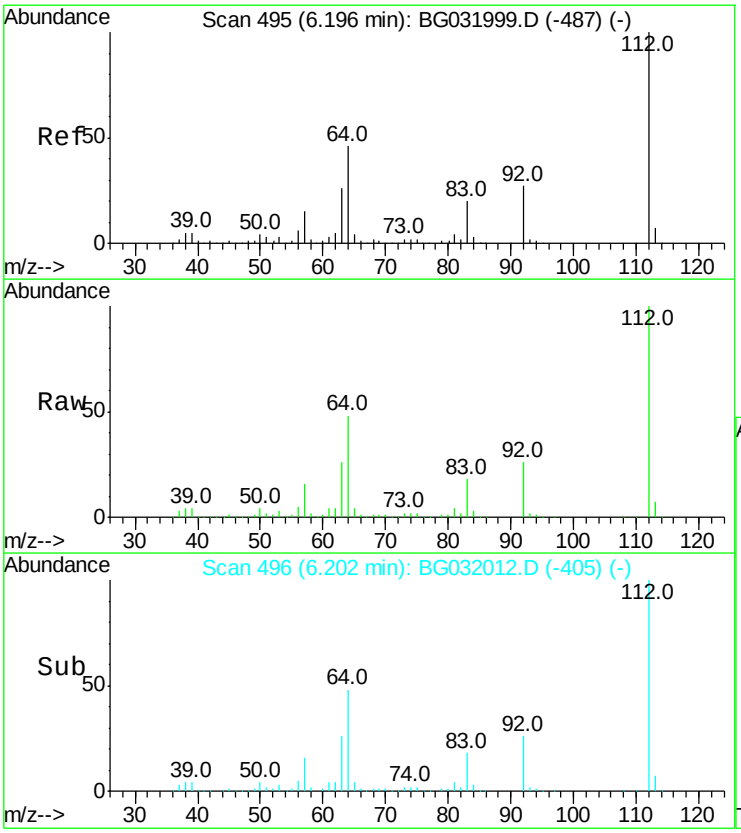
#4
n-Nitrosodimethylamine
Concen: 0.080 ng
RT: 4.21 min Scan# 157
Delta R.T. 0.00 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 81

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

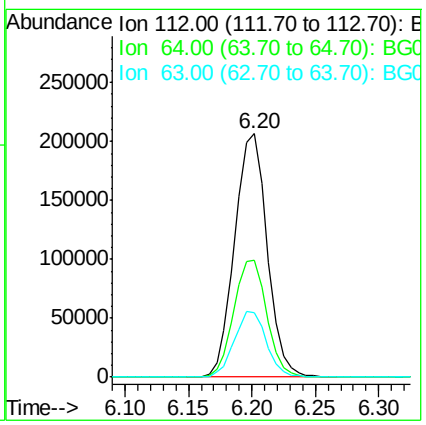


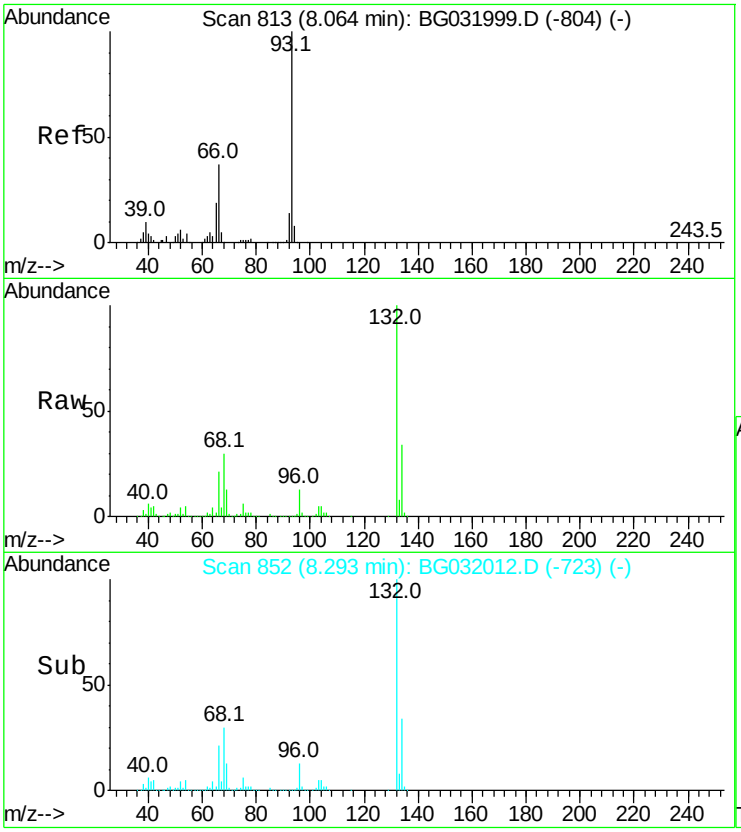


#5
2-Fluorophenol
Concen: 130.402 ng
RT: 6.20 min Scan# 496
Delta R.T. 0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:112 Resp: 368355

Ion	Ratio	Lower	Upper
112	100		
64	47.8	56.3	84.5#
63	26.4	30.1	45.1#



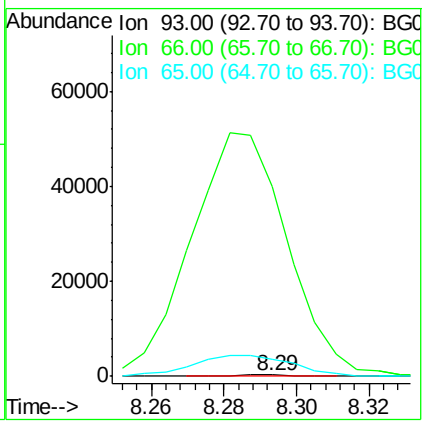


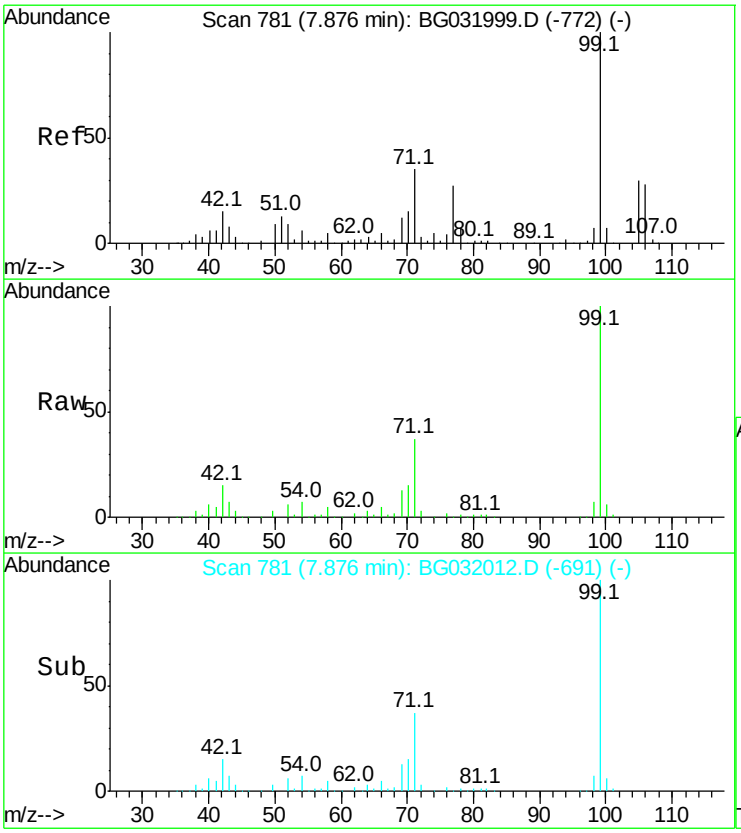
#6
Aniline
Concen: 0.074 ng
RT: 8.29 min Scan# 852
Delta R.T. 0.23 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 334

Ion	Ratio	Lower	Upper
93	100		
66	13548.5	33.7	50.5#
65	1208.8	16.1	24.1#

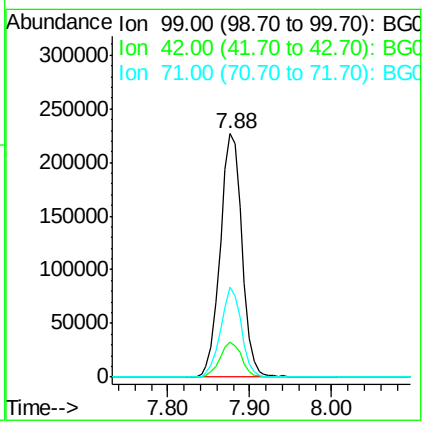


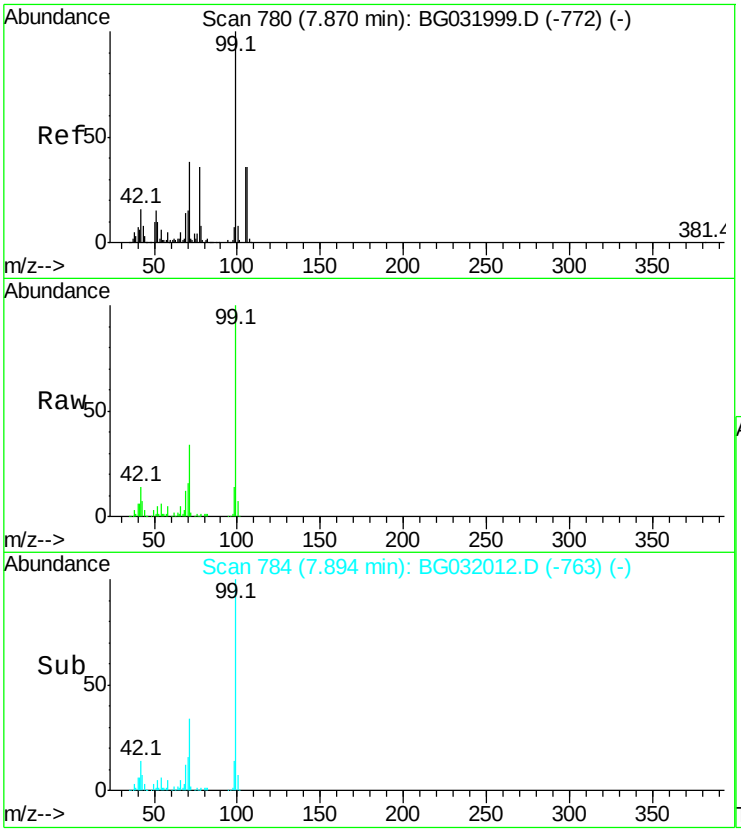


#7
Phenol-d6
Concen: 117.697 ng
RT: 7.88 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion: 99 Resp: 418719

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.1	21.1
71	36.9	26.1	39.1



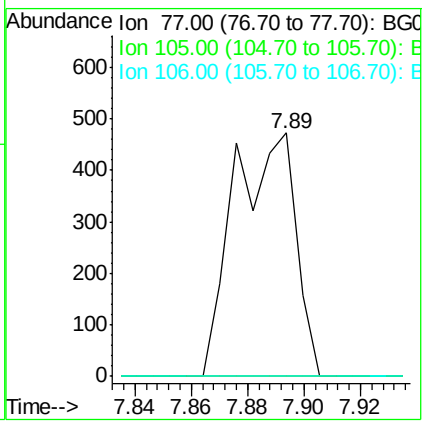


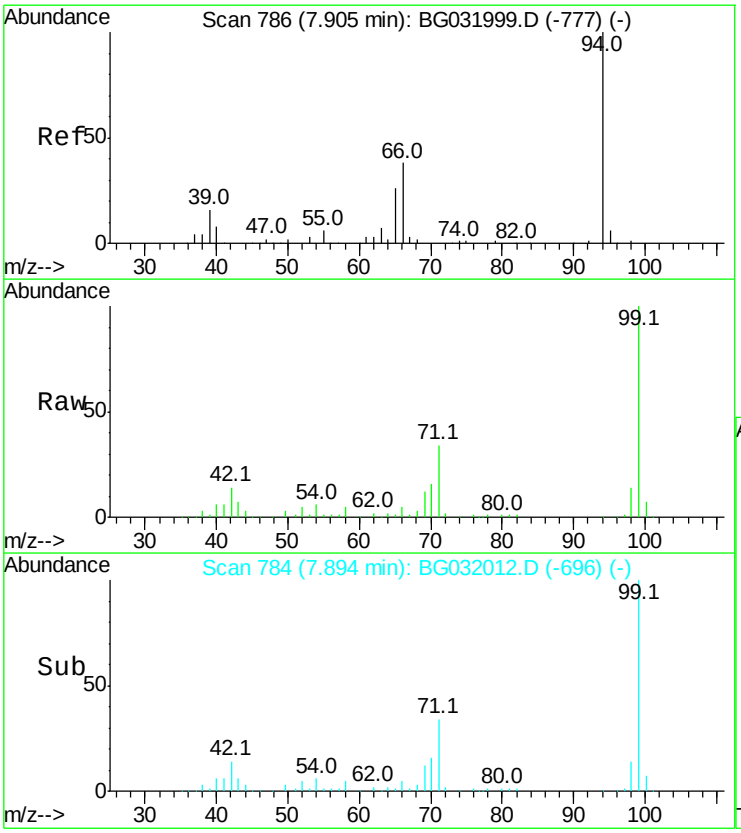
#9
Benzaldehyde
Concen: 0.345 ng
RT: 7.89 min Scan# 784
Delta R.T. 0.02 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 712

Ion	Ratio	Lower	Upper
77	100		
105	0.0	71.3	111.3#
106	0.0	64.2	104.2#

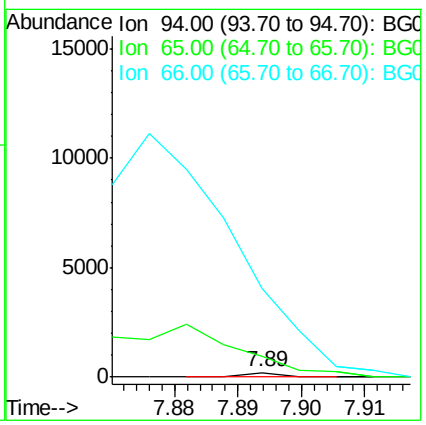


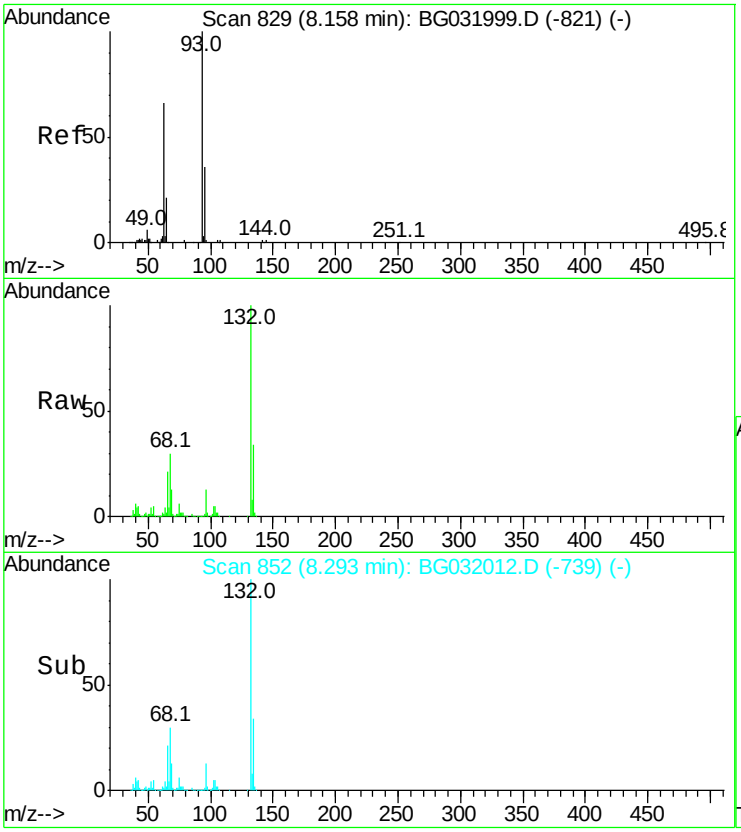


#10
Phenol
Concen: 0.020 ng
RT: 7.89 min Scan# 784
Delta R.T. -0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion: 94 Resp: 71

Ion	Ratio	Lower	Upper
94	100		
65	487.1	11.9	51.9#
66	1994.1	22.2	62.2#



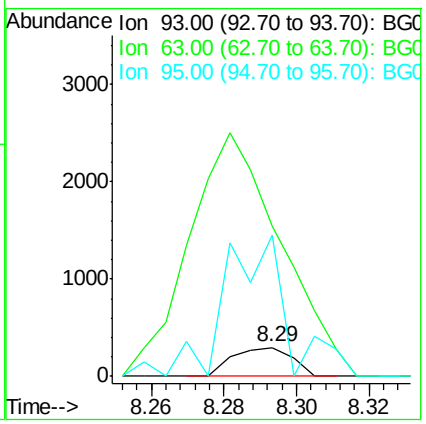


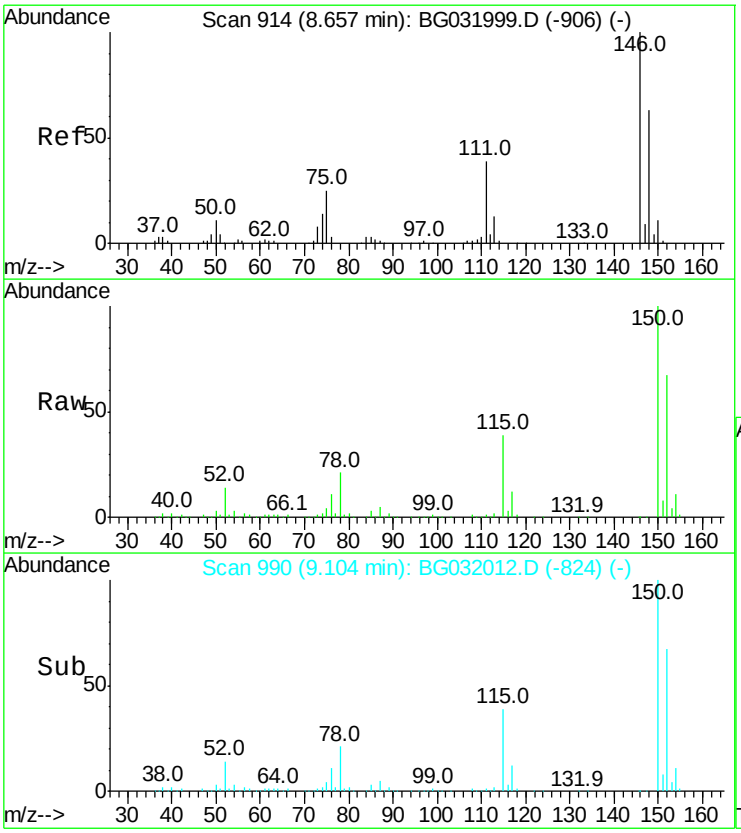
#11
bis(2-Chloroethyl)ether
Concen: 0.119 ng
RT: 8.29 min Scan# 852
Delta R.T. 0.14 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 334

Ion	Ratio	Lower	Upper
93	100		
63	524.4	67.1	107.1#
95	492.2	11.5	51.5#

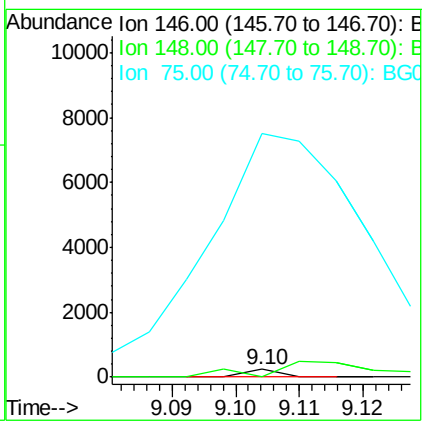


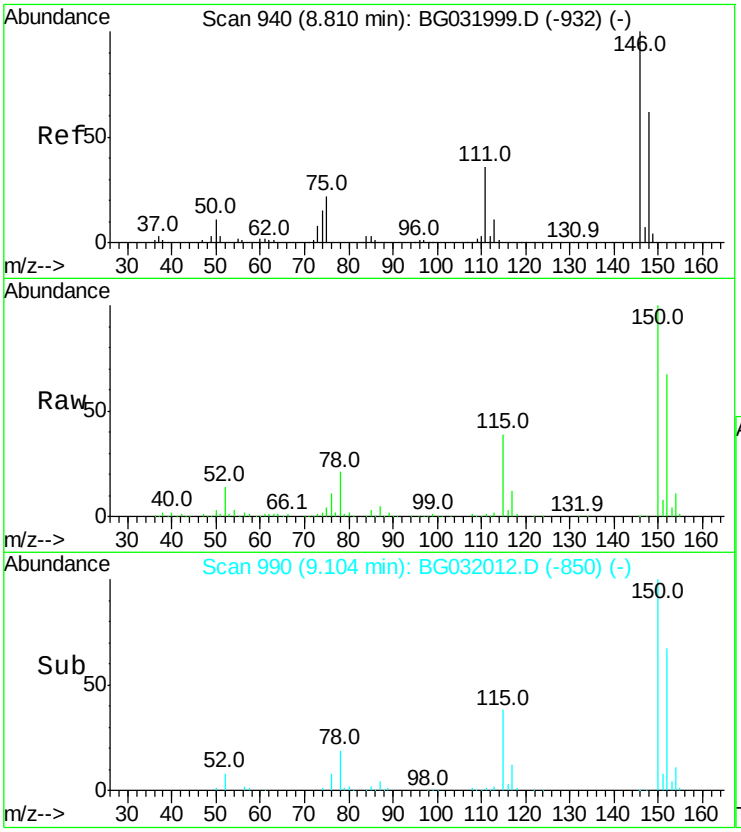


#12
1,3-Dichlorobenzene
Concen: 0.020 ng
RT: 9.10 min Scan# 990
Delta R.T. 0.45 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:146 Resp: 82

Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.4	77.2#
75	3208.1	26.6	39.8#



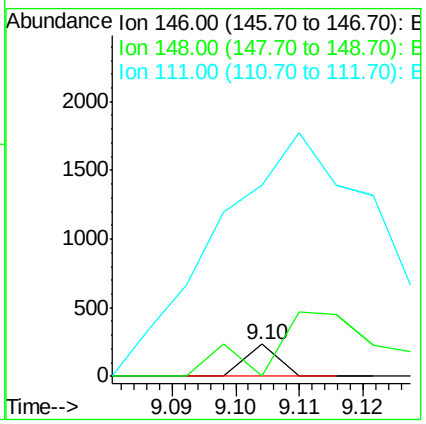


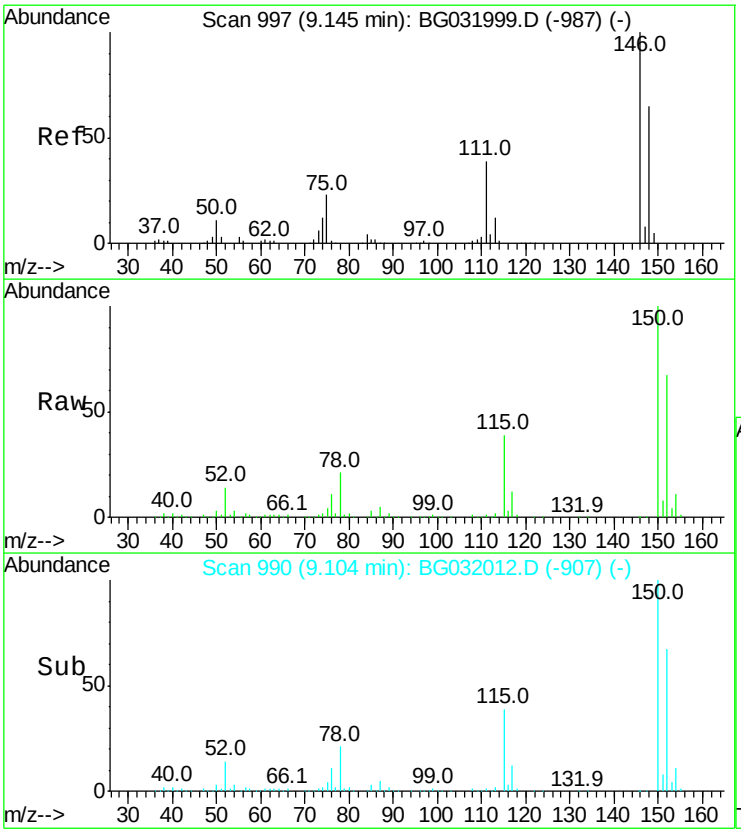
#13
1,4-Dichlorobenzene
Concen: 0.020 ng
RT: 9.10 min Scan# 990
Delta R.T. 0.29 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:146 Resp: 82

Ion	Ratio	Lower	Upper
146	100		
148	0.0	53.7	80.5#
111	593.6	35.2	52.8#

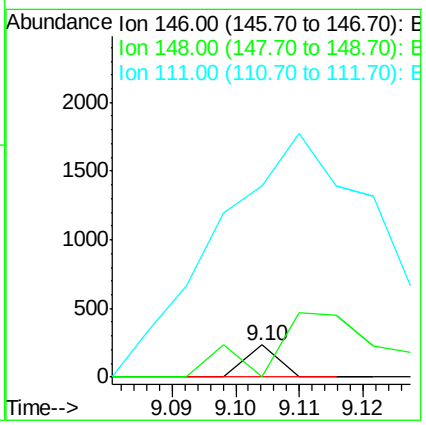


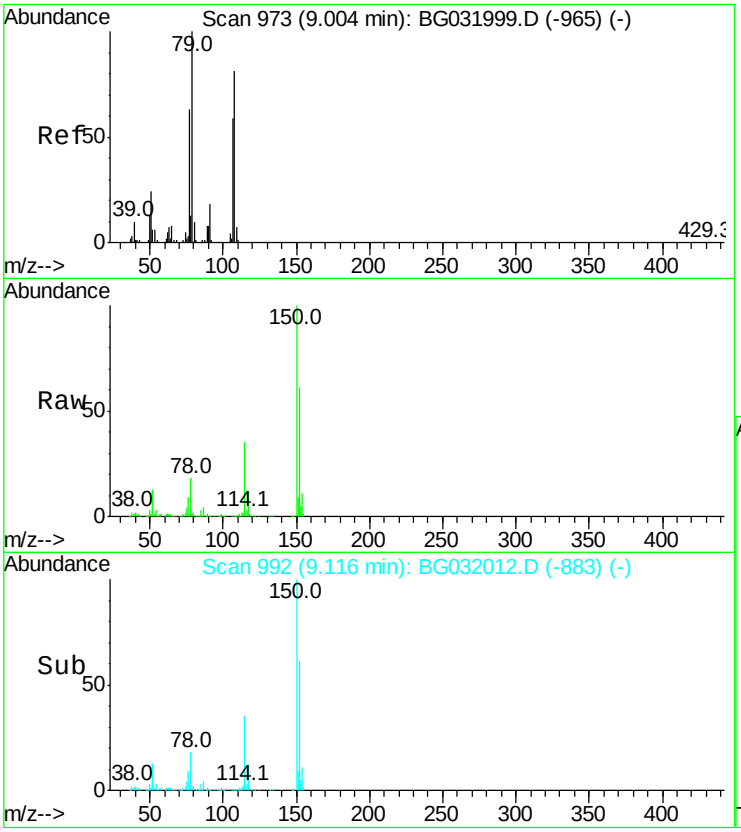


#14
1,2-Dichlorobenzene
Concen: 0.020 ng
RT: 9.10 min Scan# 990
Delta R.T. -0.04 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:146 Resp: 82

Ion	Ratio	Lower	Upper
146	100		
148	0.0	49.3	73.9#
111	593.6	34.3	51.5#



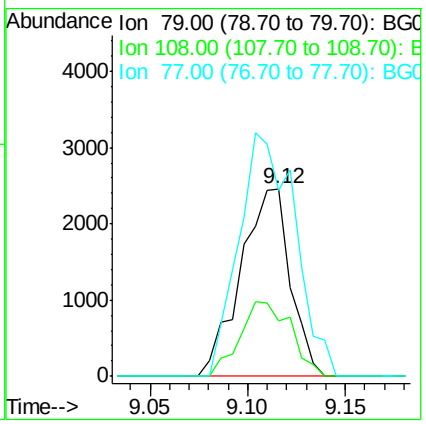


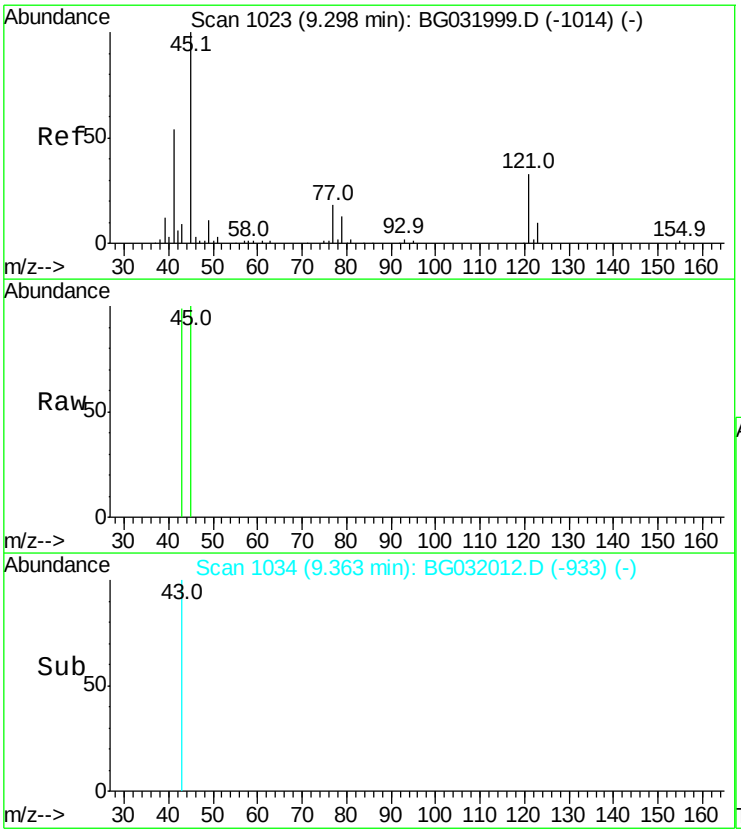
#15
Benzyl Alcohol
Concen: 1.680 ng
RT: 9.12 min Scan# 992
Delta R.T. 0.11 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 4343

Ion	Ratio	Lower	Upper
79	100		
108	29.7	57.2	85.8#
77	99.3	46.1	69.1#

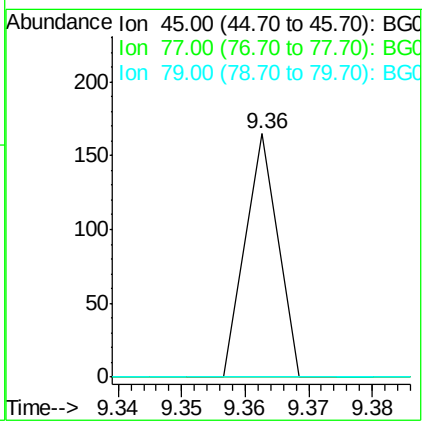


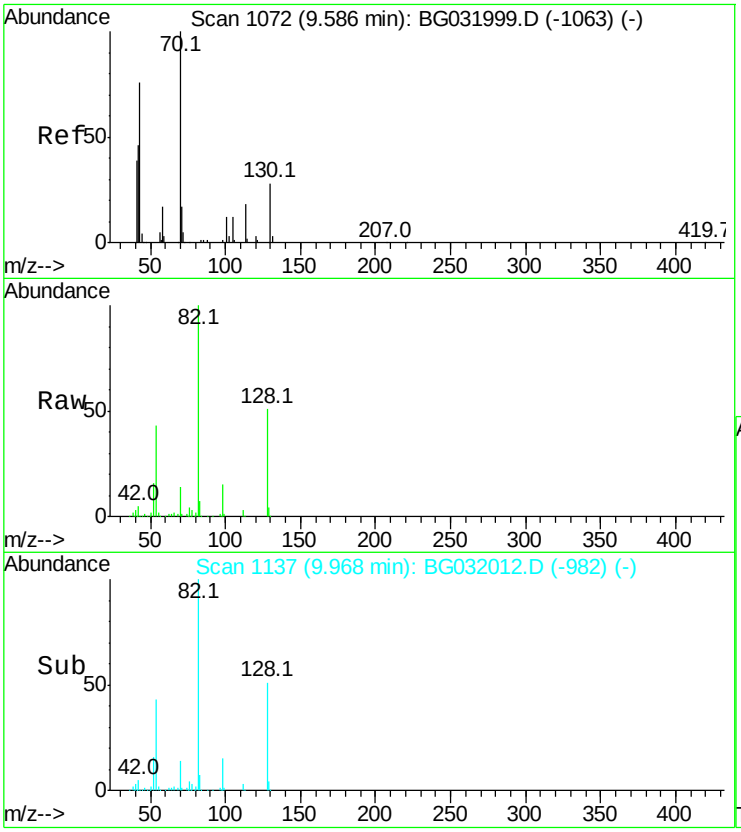


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.020 ng
RT: 9.36 min Scan# 1034
Delta R.T. 0.06 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion: 45 Resp: 58

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.2
79	0.0	0.0	27.9



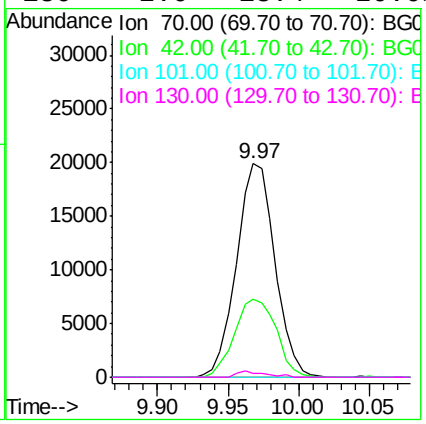


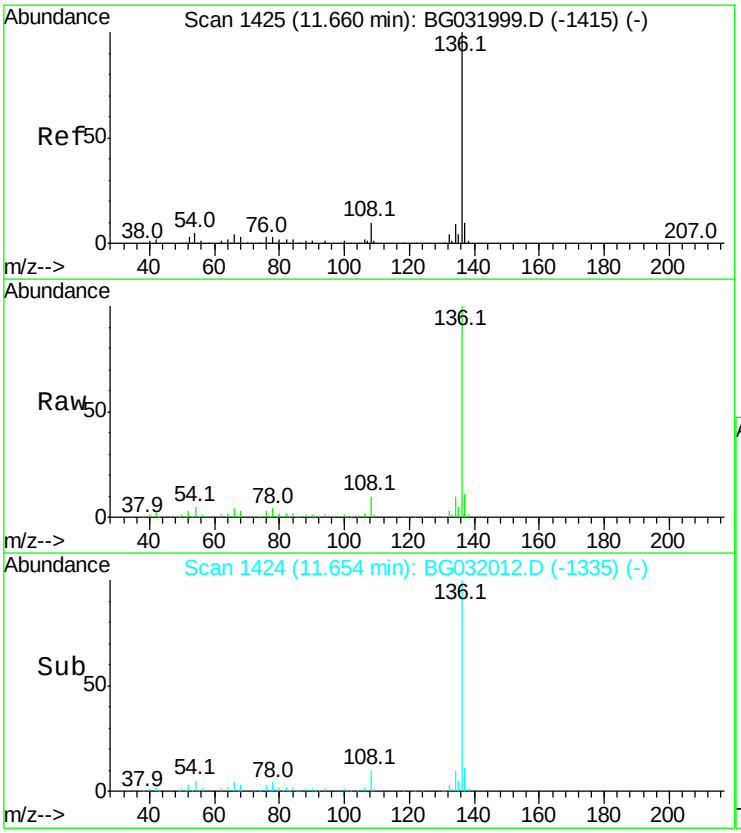
#19
n-Nitroso-di-n-propylamine
Concen: 17.171 ng
RT: 9.97 min Scan# 1137
Delta R.T. 0.38 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 37902

Ion	Ratio	Lower	Upper
70	100		
42	36.8	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#

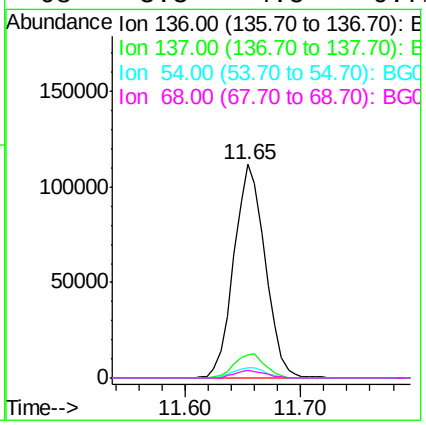


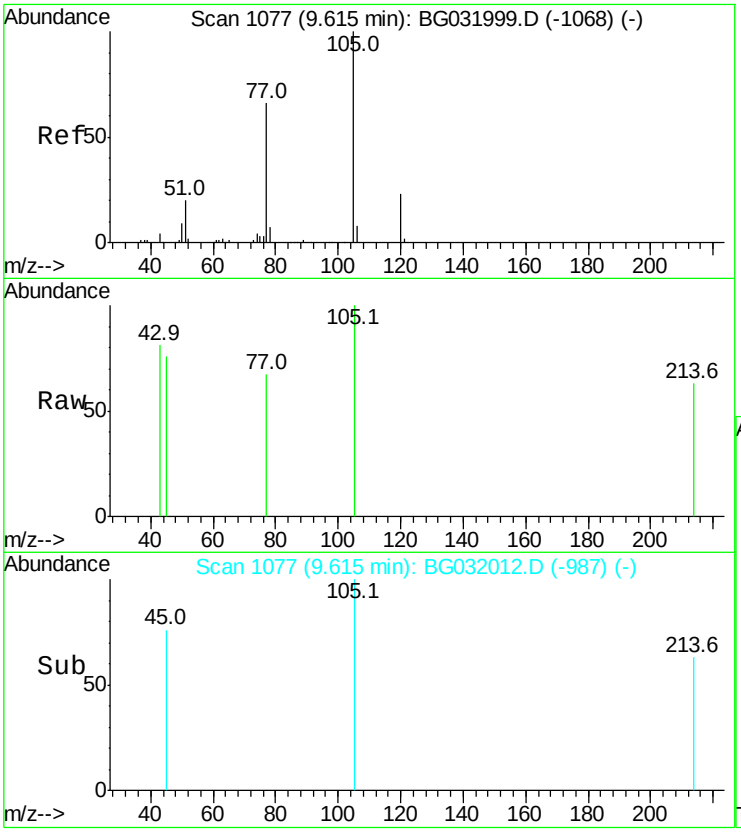


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:136 Resp: 209596

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	5.0	10.3	15.5#
68	3.3	4.5	6.7#



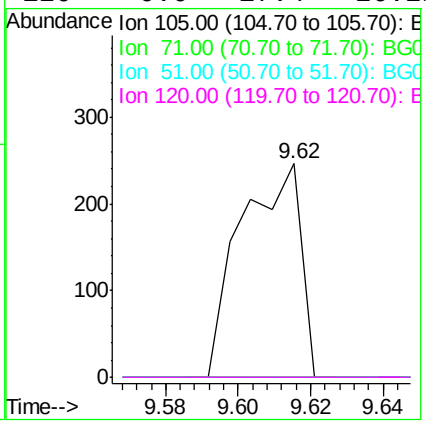


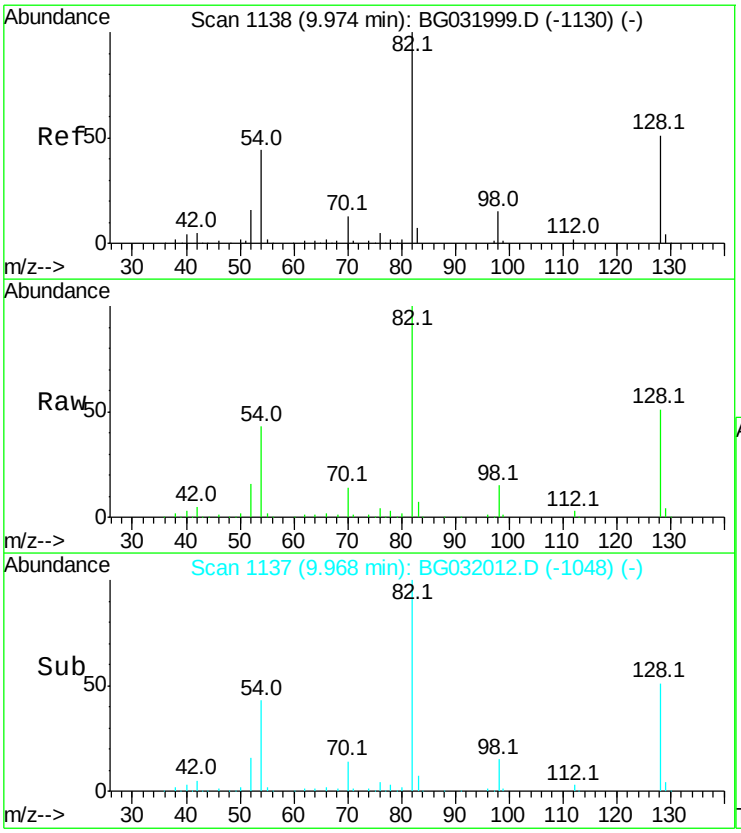
#22
Acetophenone
Concen: 0.059 ng
RT: 9.62 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 283

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#

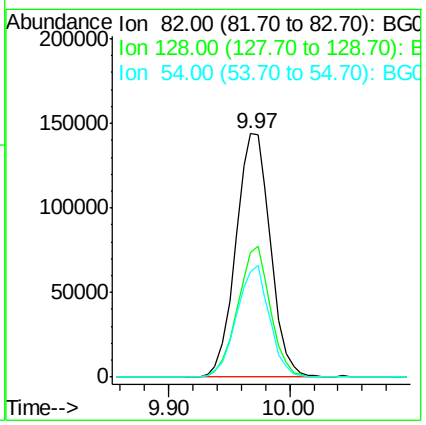


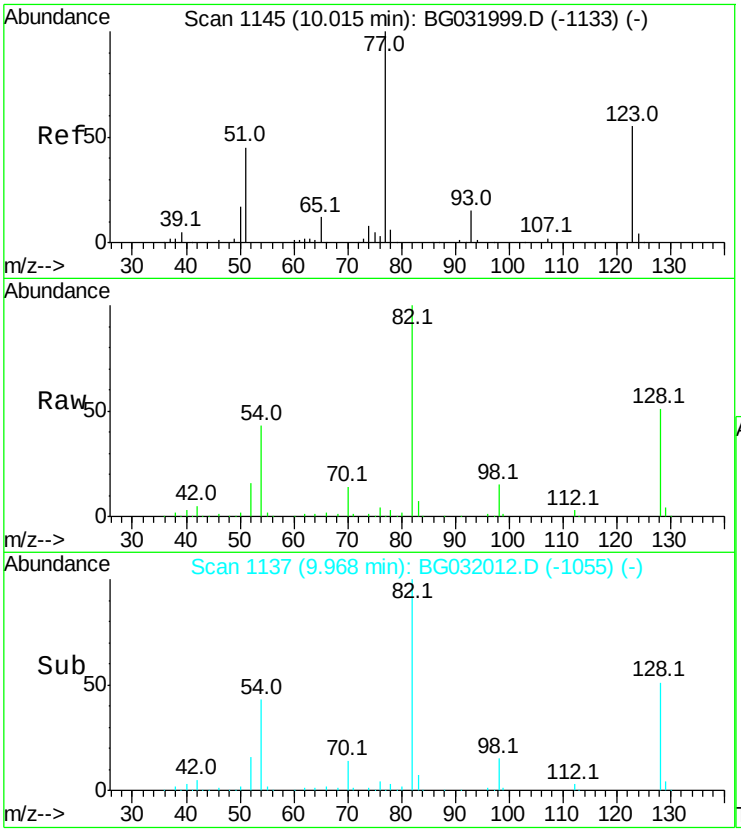


#23
Nitrobenzene-d5
Concen: 92.294 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion: 82 Resp: 285930

Ion	Ratio	Lower	Upper
82	100		
128	51.2	29.7	44.5#
54	43.2	43.1	64.7



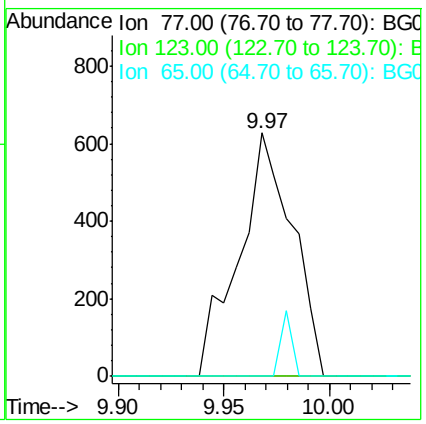


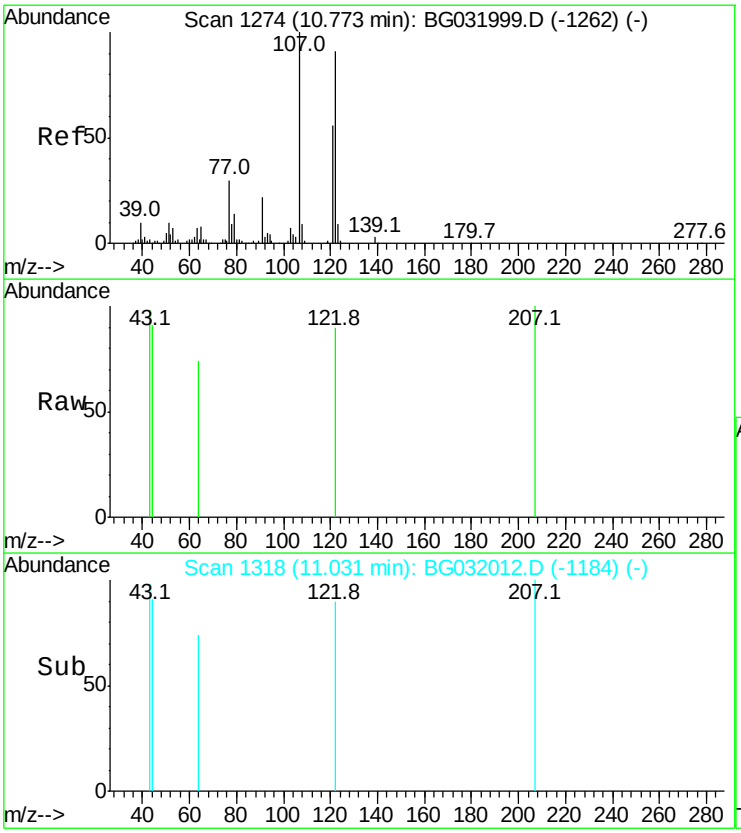
#24
Nitrobenzene
Concen: 0.360 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.05 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1111

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

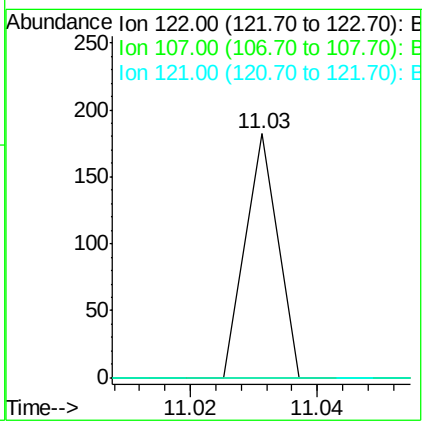


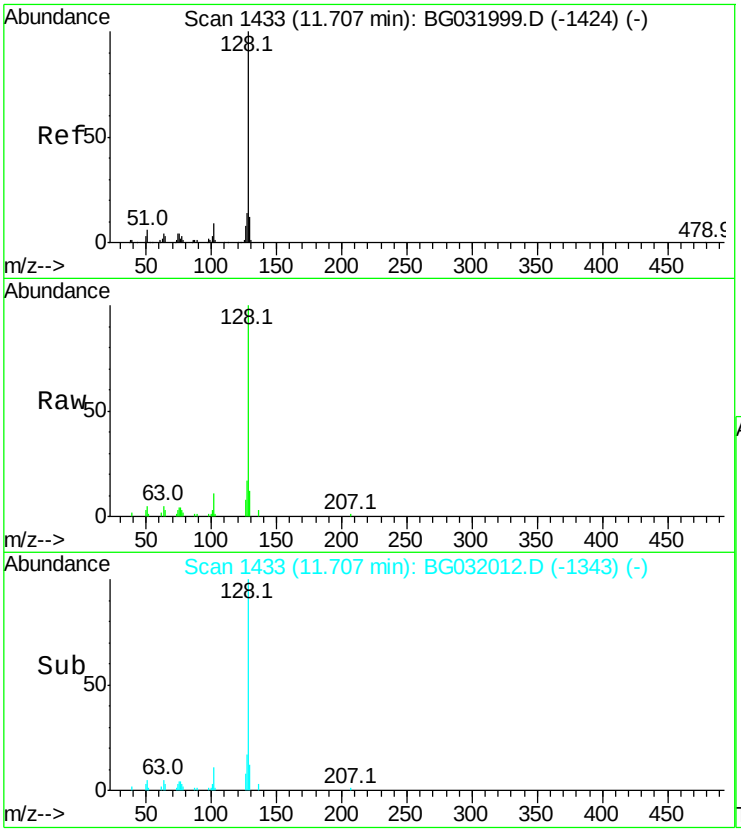


#27
2,4-Dimethylphenol
Concen: 0.022 ng
RT: 11.03 min Scan# 1318
Delta R.T. 0.26 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:122 Resp: 64

Ion	Ratio	Lower	Upper
122	100		
107	0.0	100.2	150.2#
121	0.0	44.4	66.6#



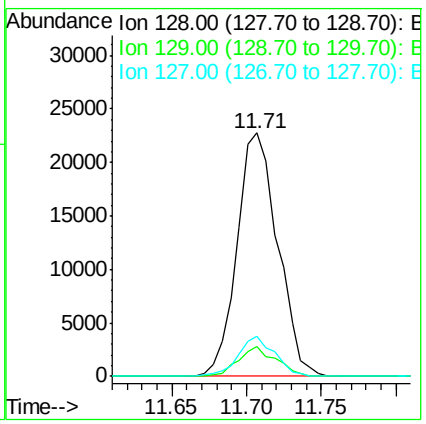


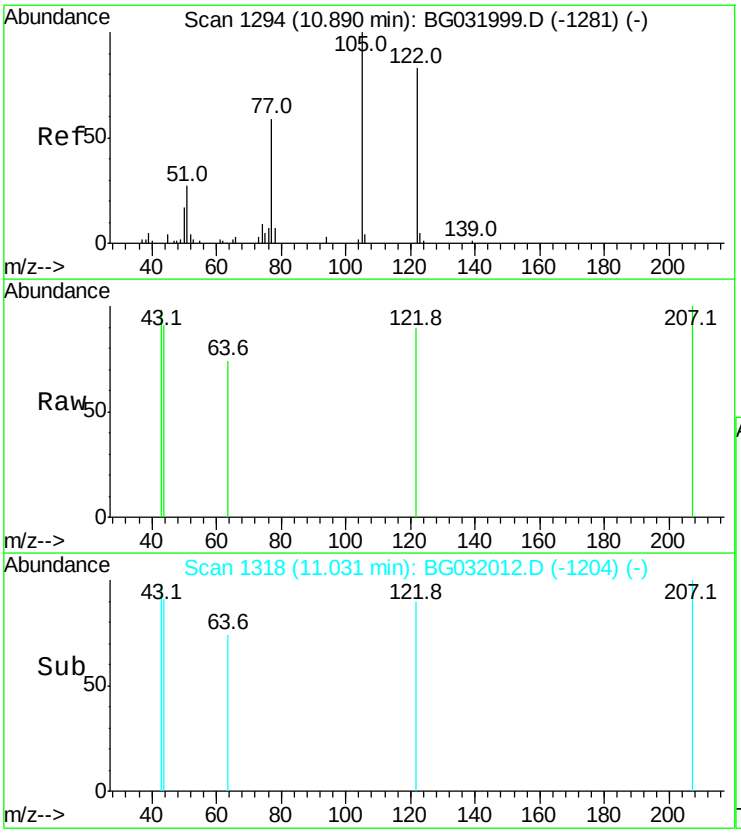
#31
Naphthalene
Concen: 4.127 ng
RT: 11.71 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 42846

Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.6	12.8
127	16.7	11.6	17.4

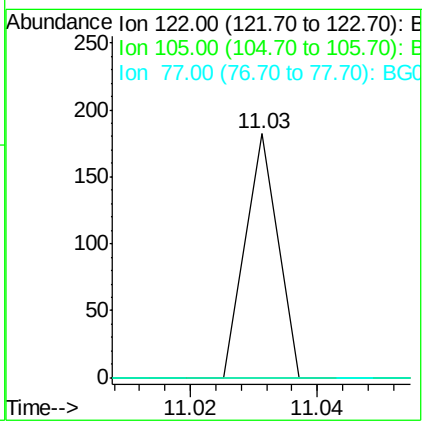


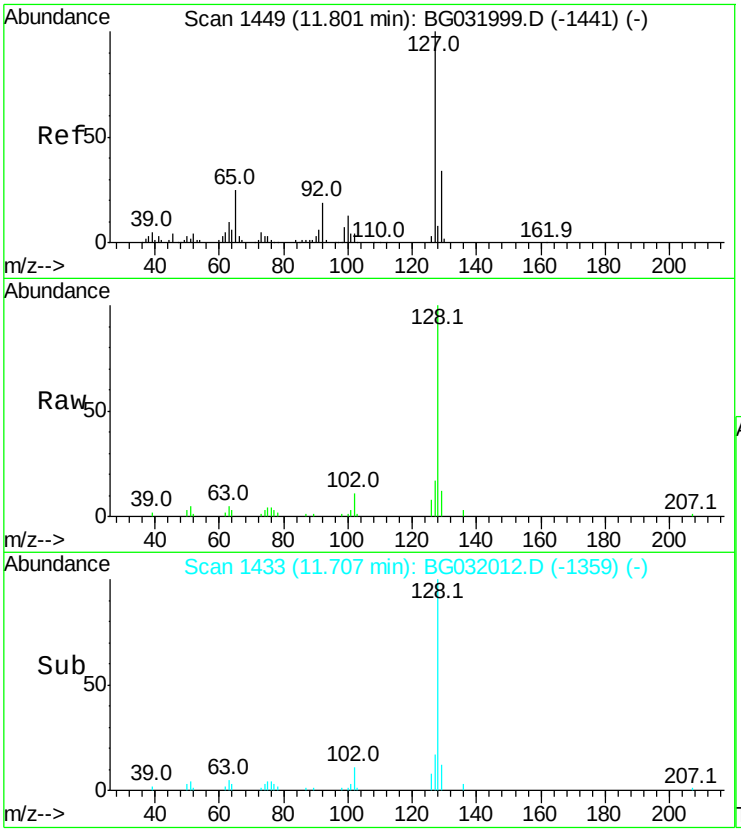


#32
Benzoic acid
Concen: 5.280 ng
RT: 11.03 min Scan# 1318
Delta R.T. 0.14 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:122 Resp: 64

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



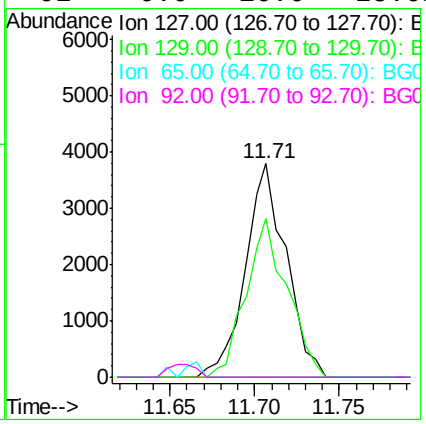


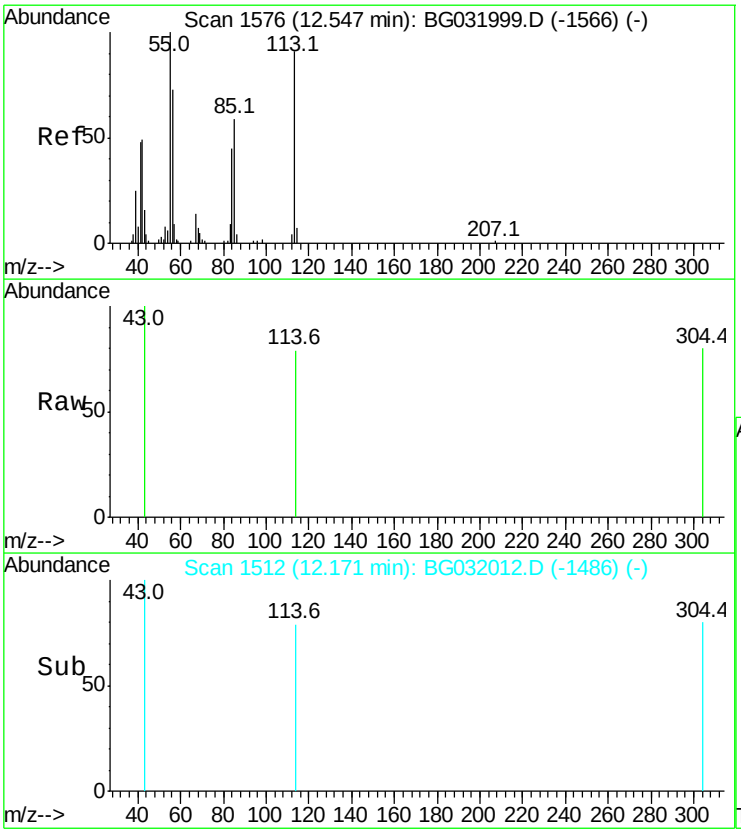
#33
4-Chloroaniline
Concen: 1.424 ng
RT: 11.71 min Scan# 1433
Delta R.T. -0.09 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 6340

Ion	Ratio	Lower	Upper
127	100		
129	74.4	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

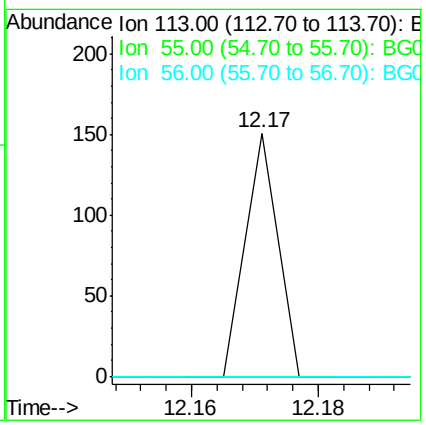


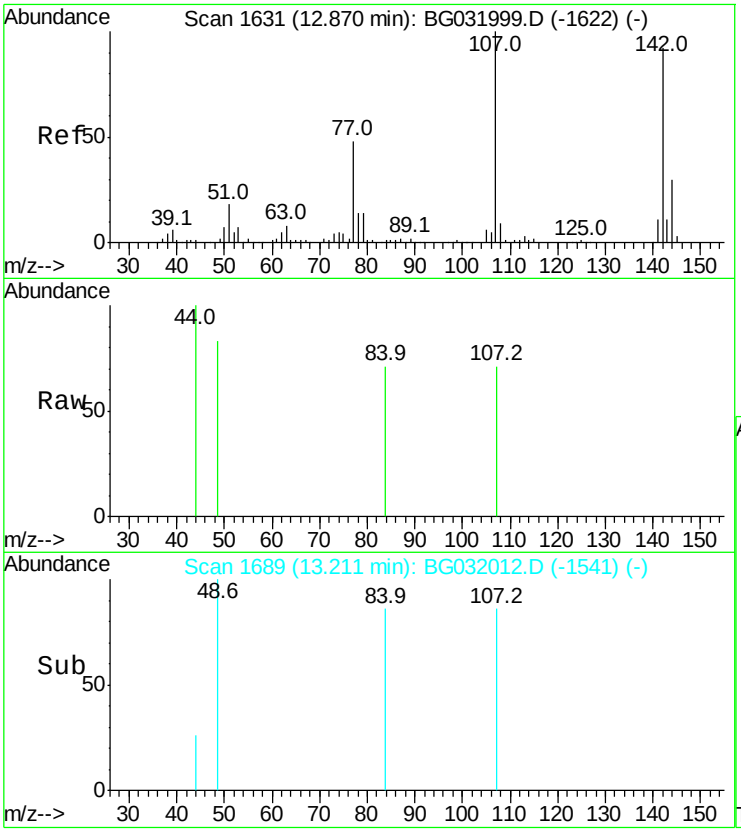


#35
Caprolactam
Concen: 0.049 ng
RT: 12.17 min Scan# 1512
Delta R.T. -0.38 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:113 Resp: 53

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



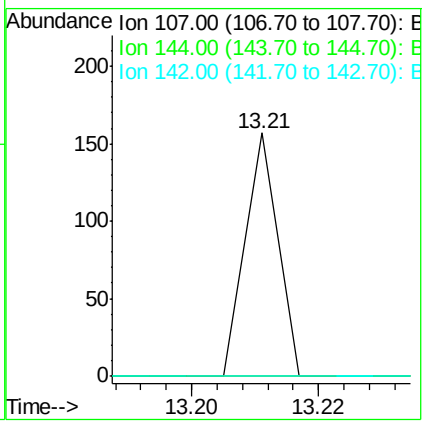


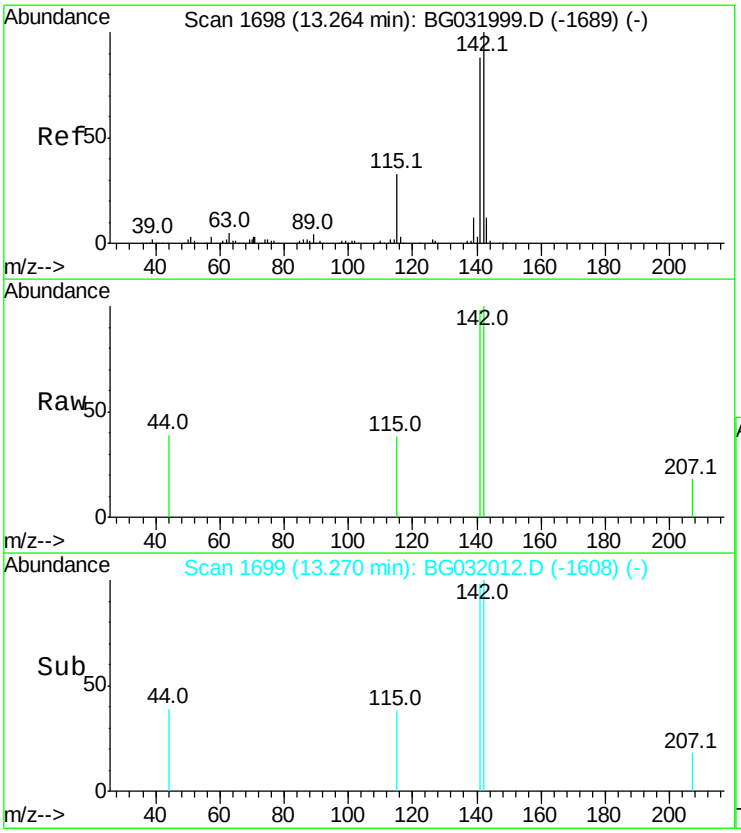
#36
4-Chloro-3-methylphenol
Concen: 0.017 ng
RT: 13.21 min Scan# 1689
Delta R.T. 0.34 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 55

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

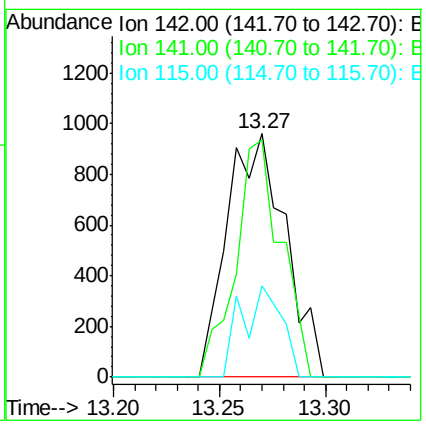


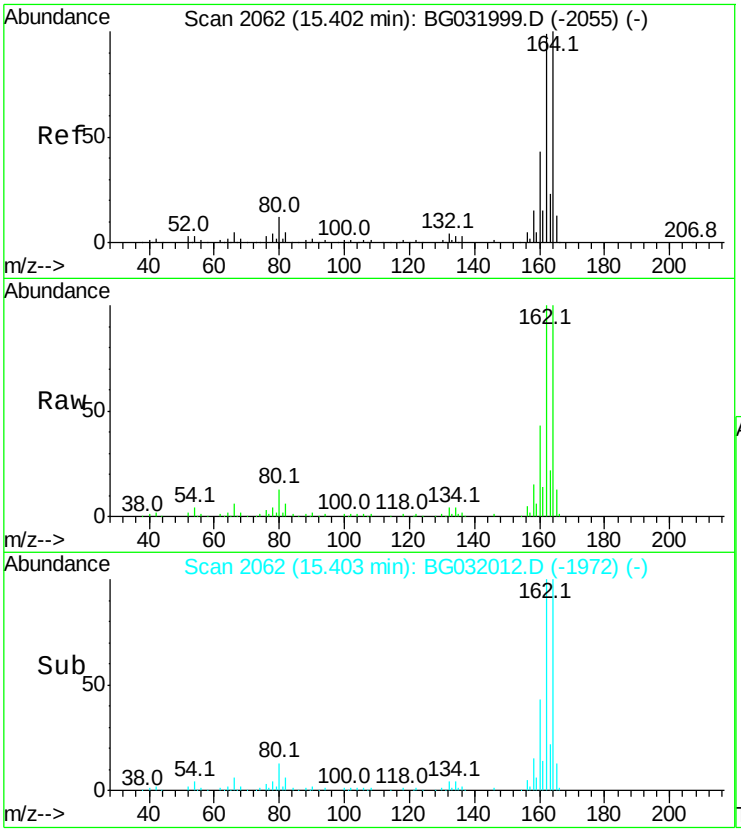


#37
2-Methylnaphthalene
Concen: 0.223 ng
RT: 13.27 min Scan# 1699
Delta R.T. 0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:142 Resp: 1837

Ion	Ratio	Lower	Upper
142	100		
141	97.5	67.1	100.7
115	37.7	30.7	46.1



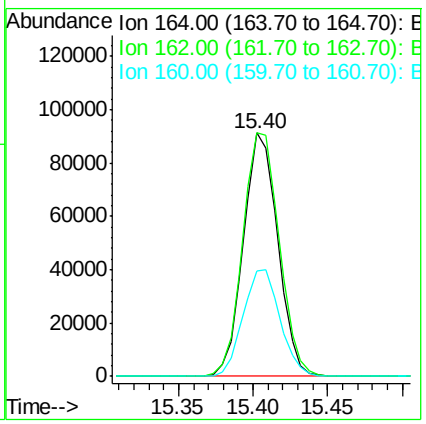


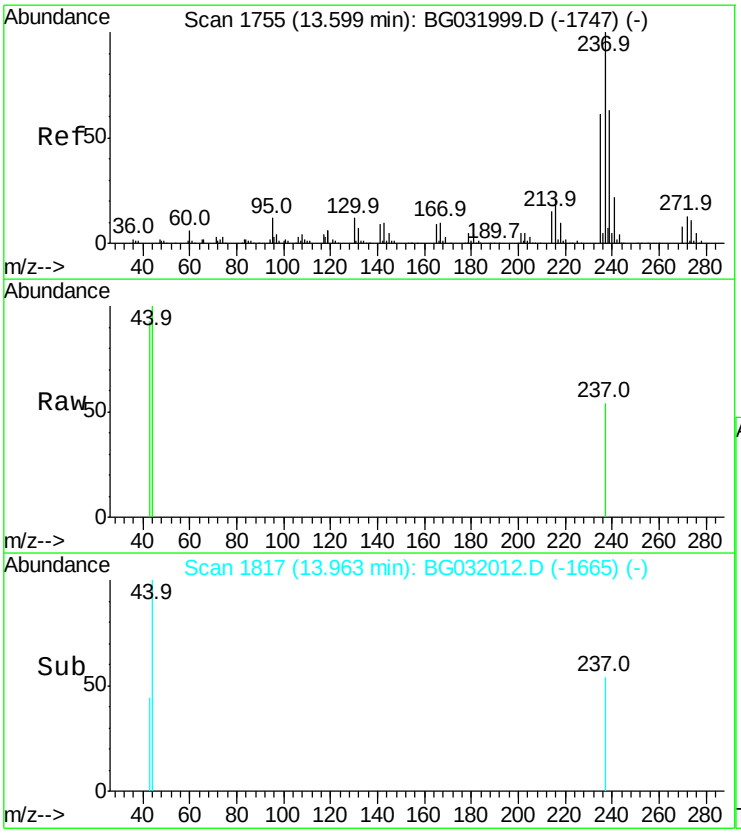
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 144635

Ion	Ratio	Lower	Upper
164	100		
162	100.2	78.8	118.2
160	43.5	35.4	53.0

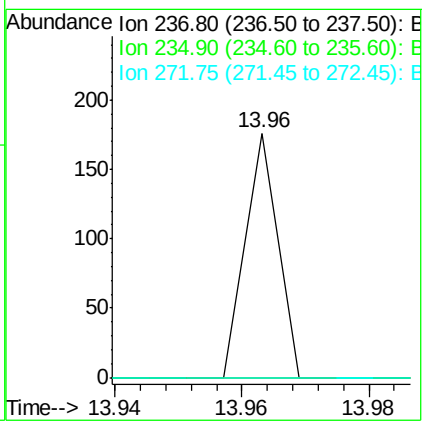


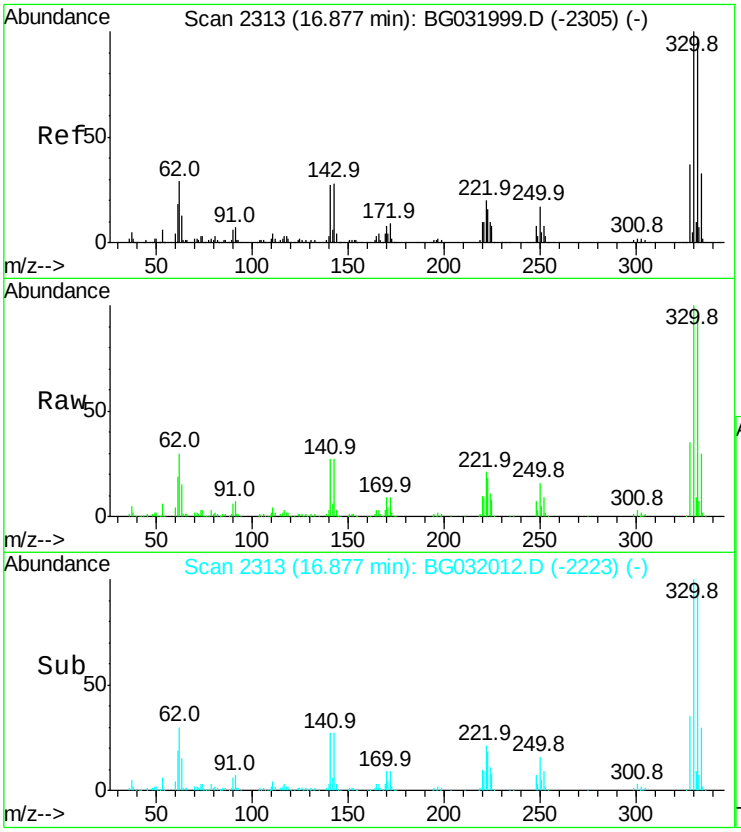


#40
Hexachlorocyclopentadiene
Concen: 0.017 ng
RT: 13.96 min Scan# 1817
Delta R.T. 0.36 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:237 Resp: 62

Ion	Ratio	Lower	Upper
237	100		
235	0.0	50.4	90.4#
272	0.0	0.0	31.8



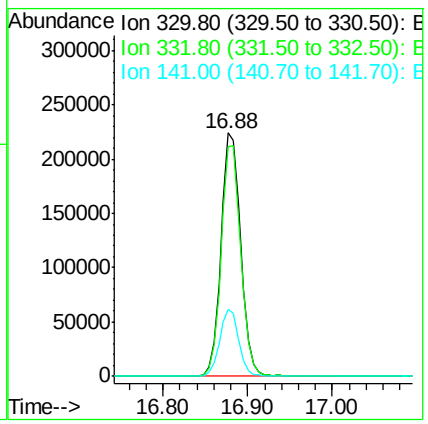


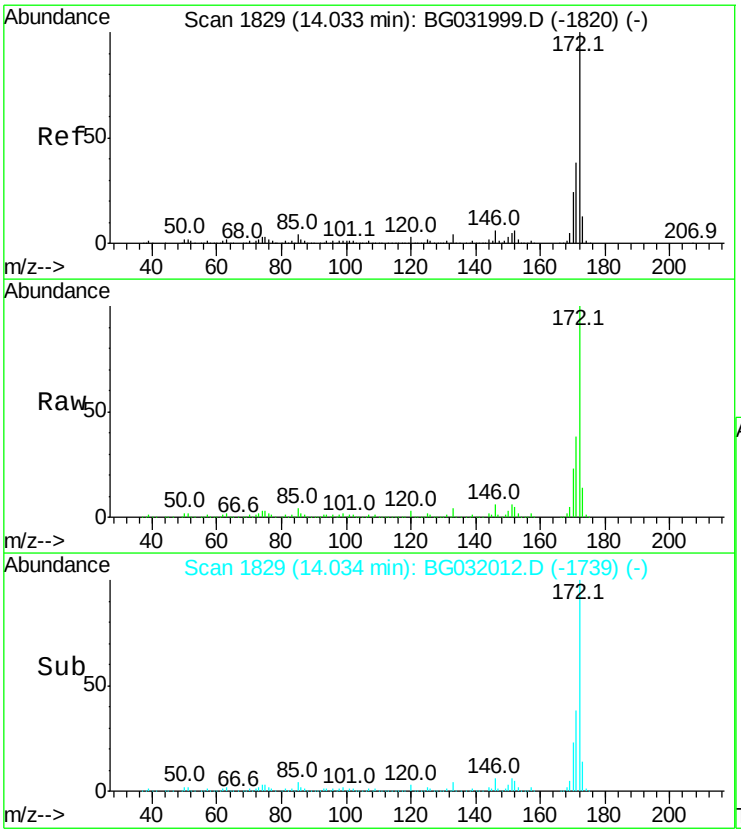
#41
2,4,6-Tribromophenol
Concen: 151.229 ng
RT: 16.88 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 361947

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	26.7	25.2	37.8

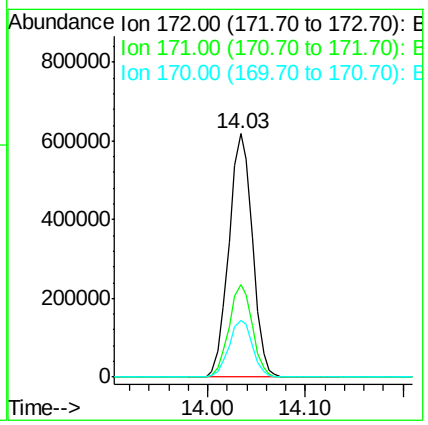


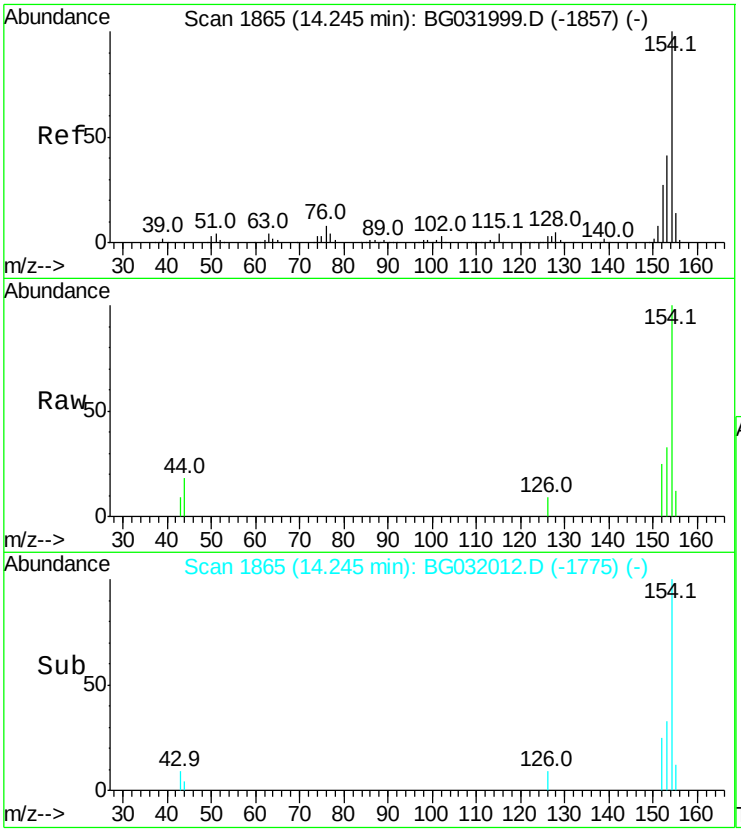


#44
2-Fluorobiphenyl
Concen: 88.487 ng
RT: 14.03 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:172 Resp: 1032162

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.4	19.5	29.3



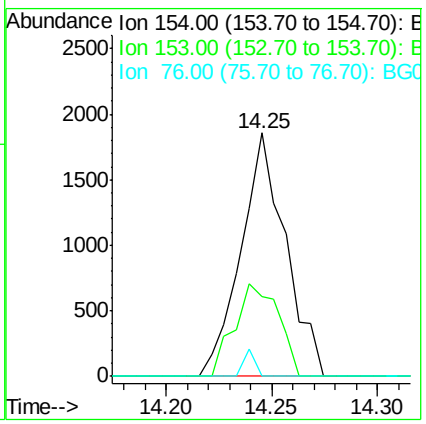


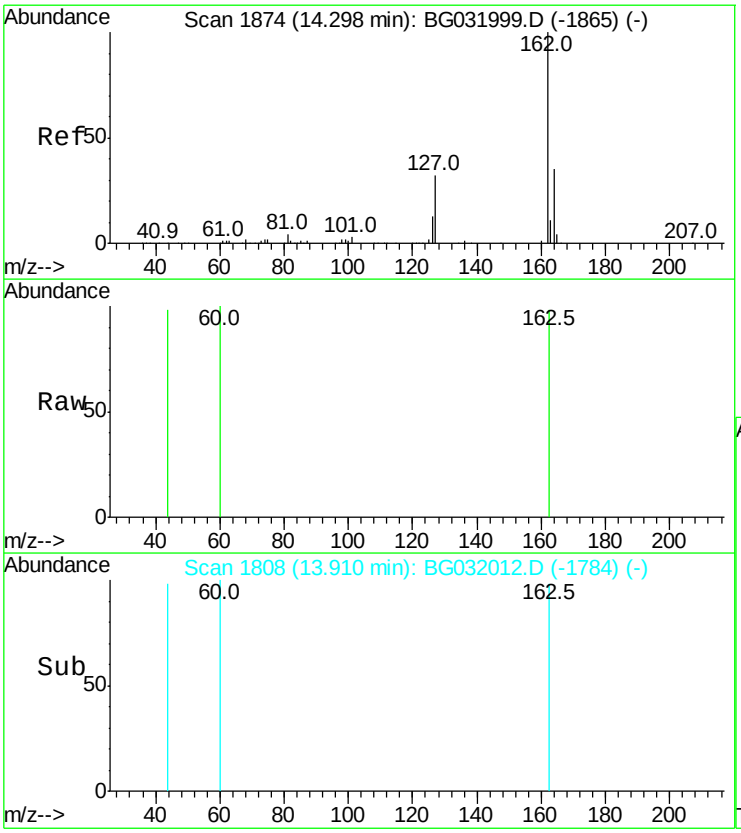
#45
1,1'-Biphenyl
Concen: 0.219 ng
RT: 14.25 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 2714

Ion	Ratio	Lower	Upper
154	100		
153	32.9	19.8	59.8
76	0.0	0.0	31.9

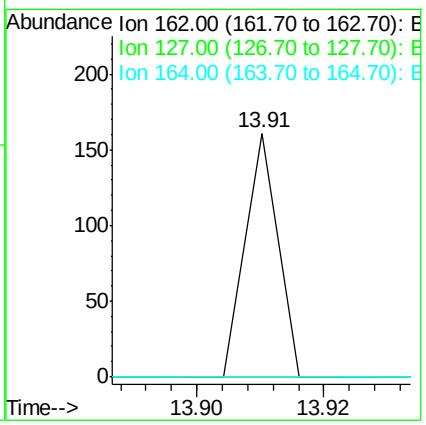


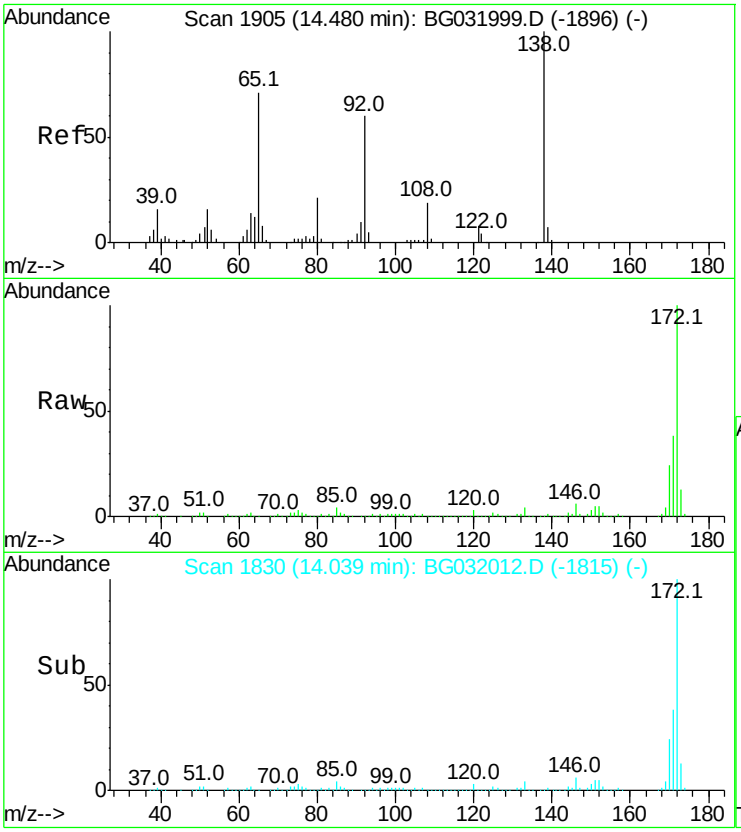


#46
2-Chloronaphthalene
Concen: 0.006 ng
RT: 13.91 min Scan# 1808
Delta R.T. -0.39 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:162 Resp: 57

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



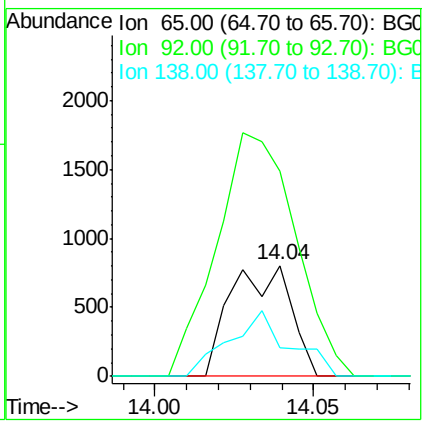


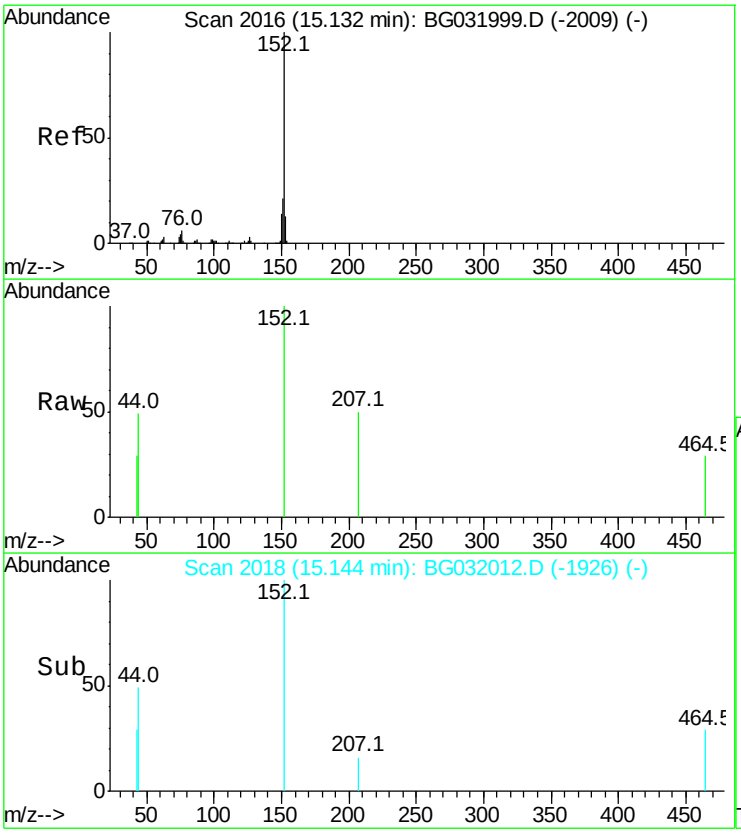
#47
2-Nitroaniline
Concen: 0.573 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.44 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 1058

Ion	Ratio	Lower	Upper
65	100		
92	185.1	54.6	82.0#
138	25.3	72.9	109.3#

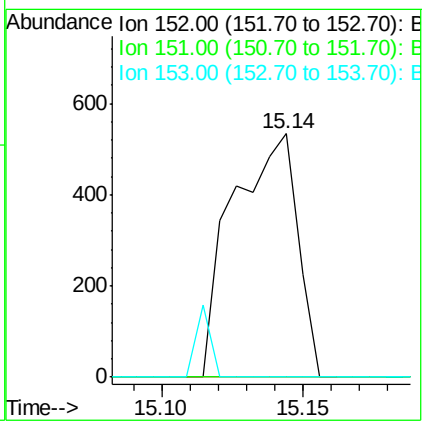


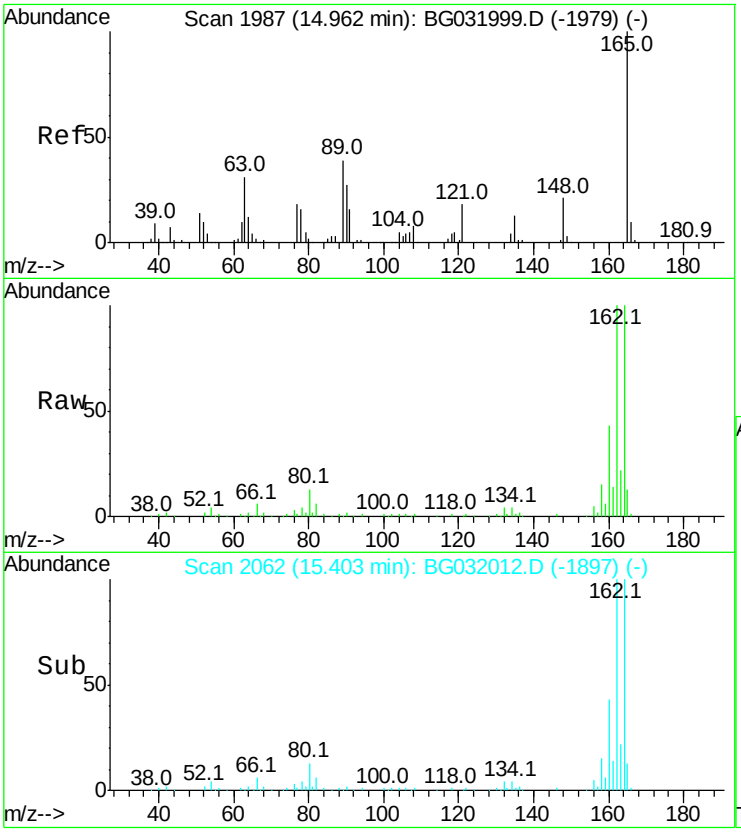


#48
Acenaphthylene
Concen: 0.058 ng
RT: 15.14 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:152 Resp: 851

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



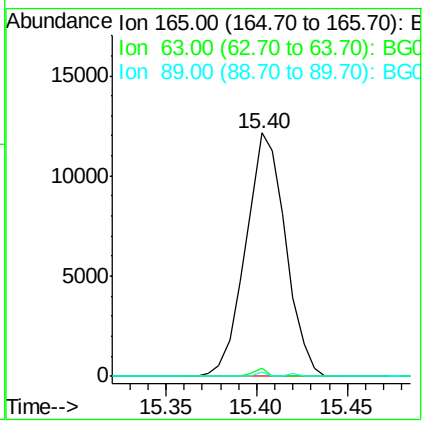


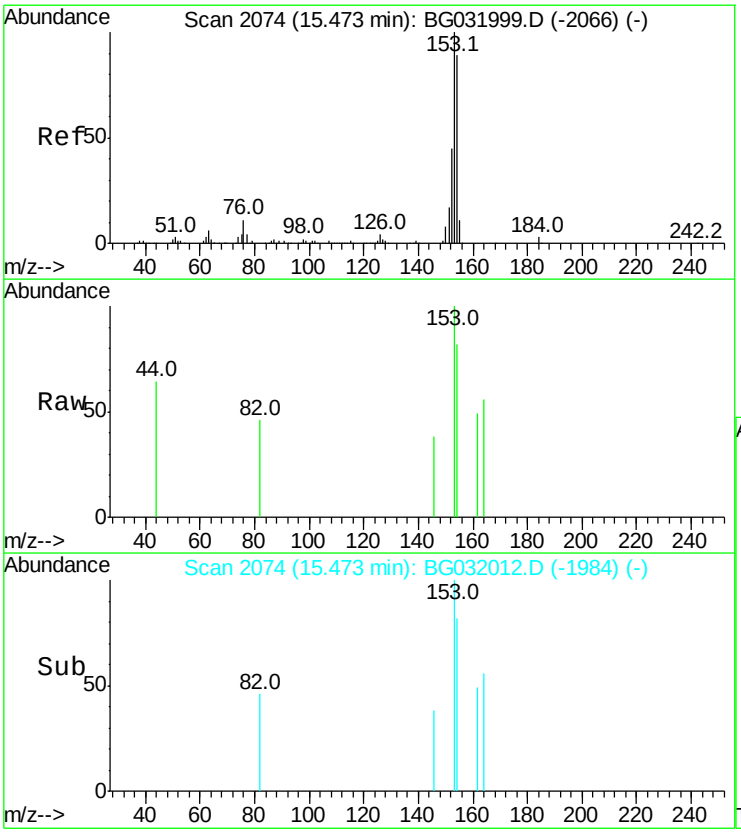
#50
2,6-Dinitrotoluene
Concen: 7.107 ng
RT: 15.40 min Scan# 2062
Delta R.T. 0.44 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18670

Ion	Ratio	Lower	Upper
165	100		
63	3.1	52.7	79.1#
89	1.6	49.2	73.8#

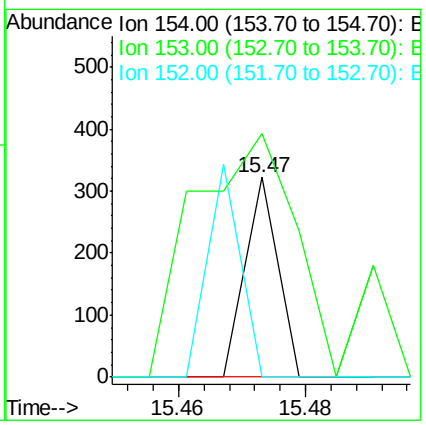


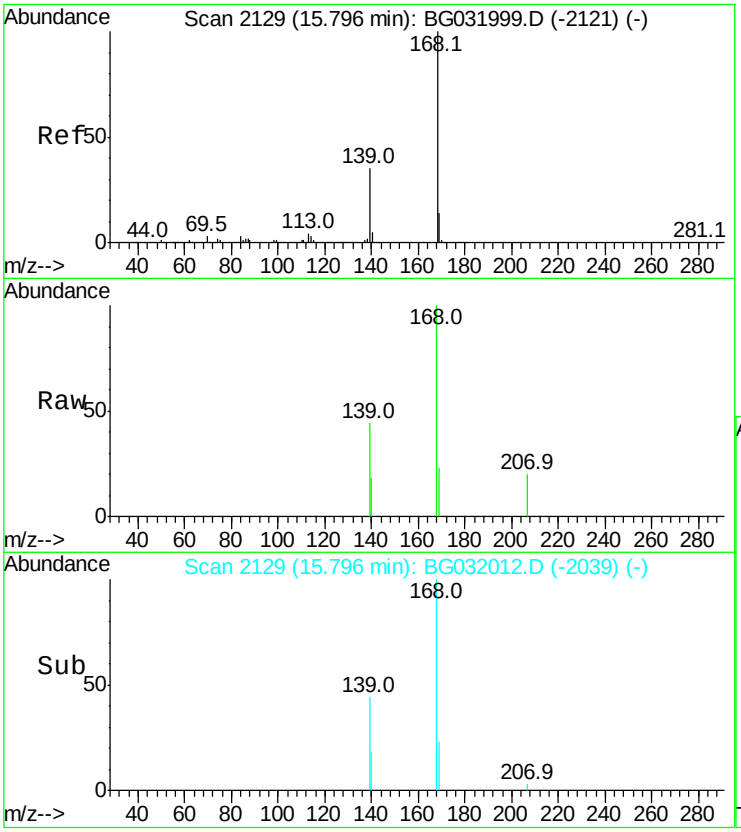


#51
Acenaphthene
Concen: 0.012 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:154 Resp: 114

Ion	Ratio	Lower	Upper
154	100		
153	122.0	90.4	135.6
152	0.0	41.6	62.4#



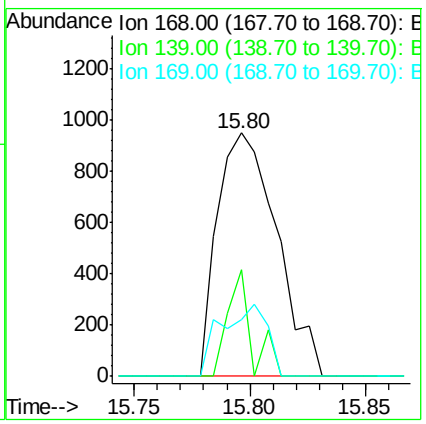


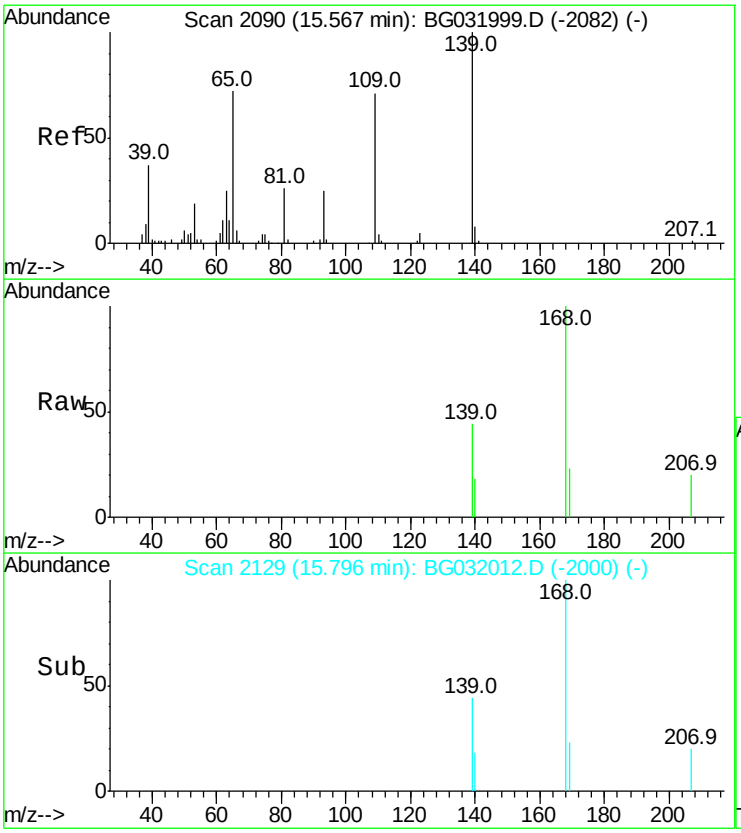
#54
Dibenzofuran
Concen: 0.117 ng
RT: 15.80 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 1693

Ion	Ratio	Lower	Upper
168	100		
139	43.9	28.6	43.0#
169	23.5	11.2	16.8#

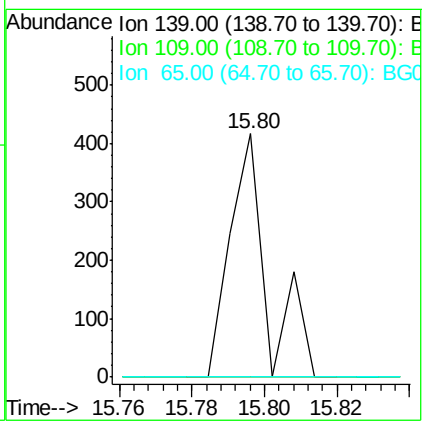


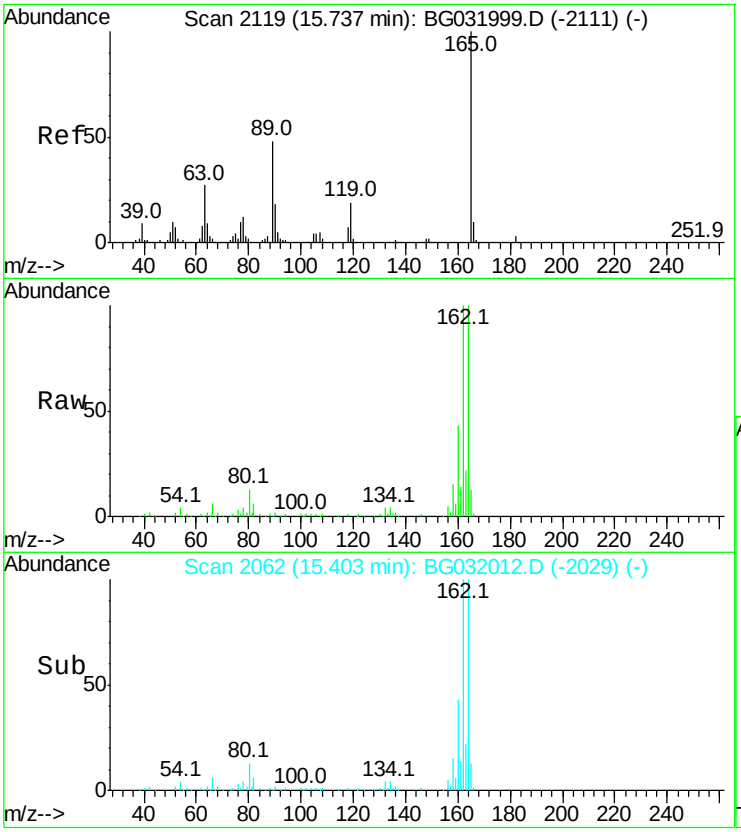


#55
4-Nitrophenol
Concen: 0.172 ng
RT: 15.80 min Scan# 2129
Delta R.T. 0.23 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:139 Resp: 298

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



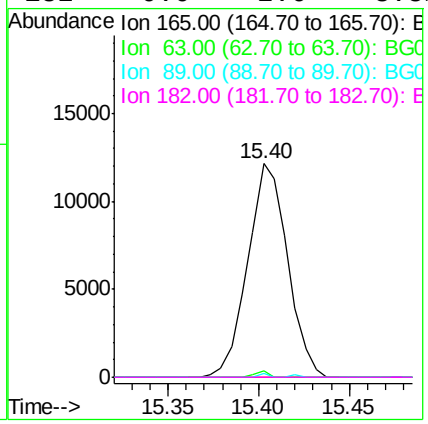


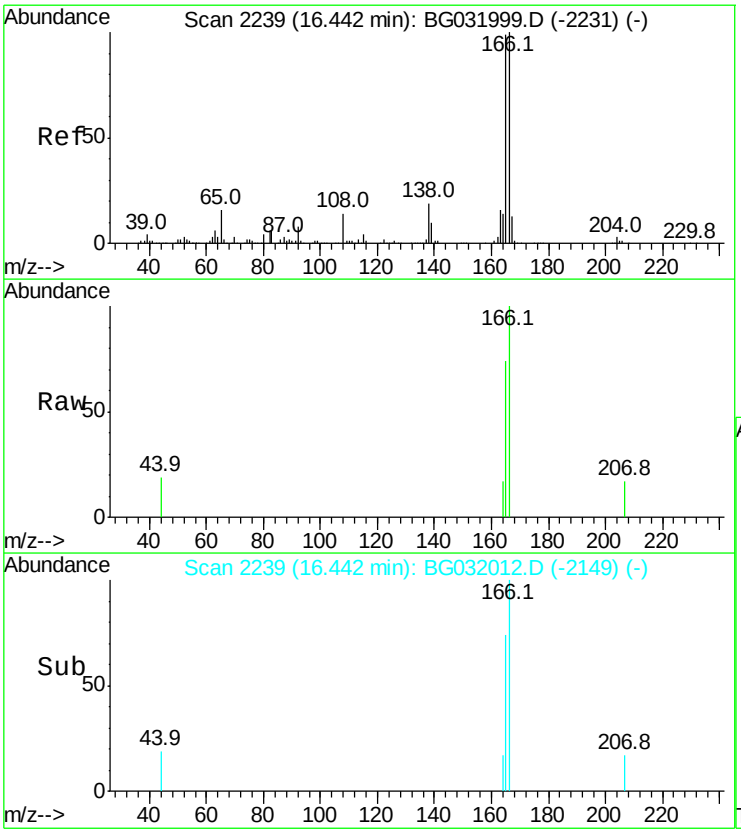
#56
2,4-Dinitrotoluene
Concen: 5.279 ng
RT: 15.40 min Scan# 2062
Delta R.T. -0.33 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18670

Ion	Ratio	Lower	Upper
165	100		
63	3.1	42.0	63.0#
89	1.6	66.9	100.3#
182	0.0	2.6	3.8#

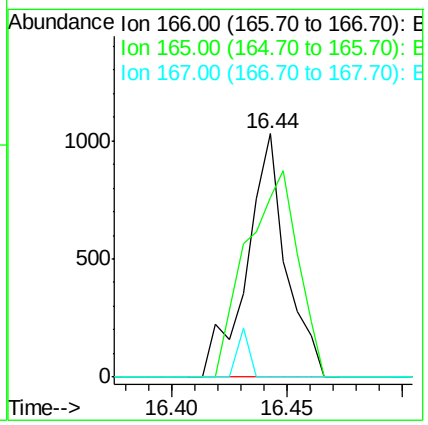


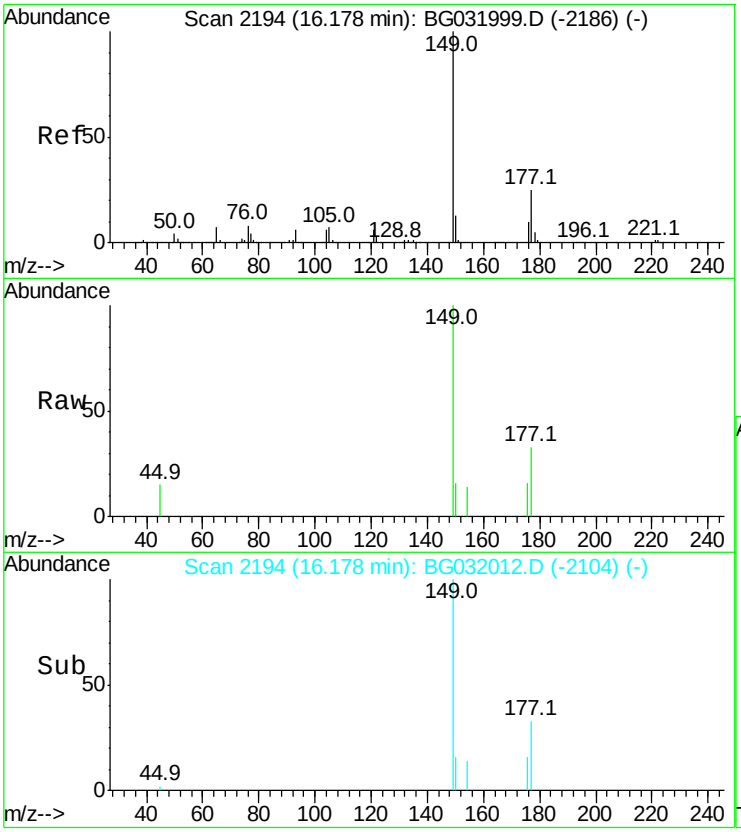


#57
Fluorene
Concen: 0.103 ng
RT: 16.44 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:166 Resp: 1221

Ion	Ratio	Lower	Upper
166	100		
165	73.8	80.6	121.0#
167	0.0	10.4	15.6#



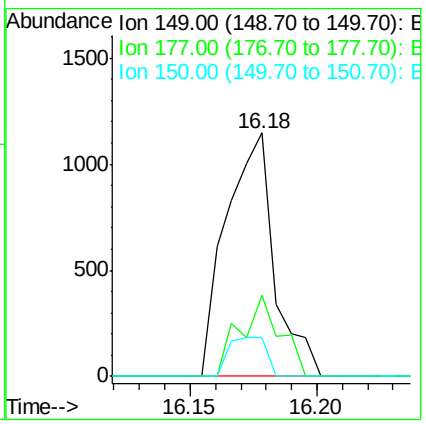


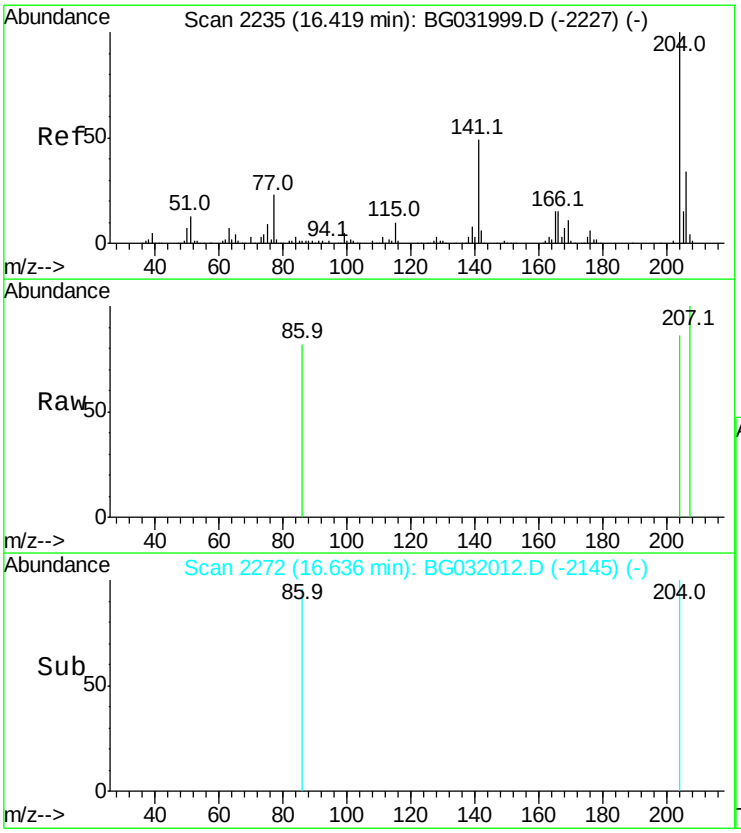
#59
Diethylphthalate
Concen: 0.124 ng
RT: 16.18 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 1522

Ion	Ratio	Lower	Upper
149	100		
177	33.3	18.5	27.7#
150	15.8	10.2	15.2#

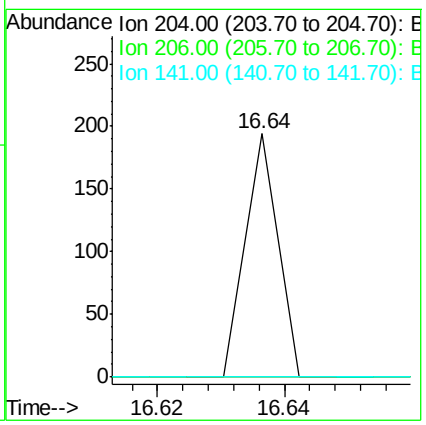


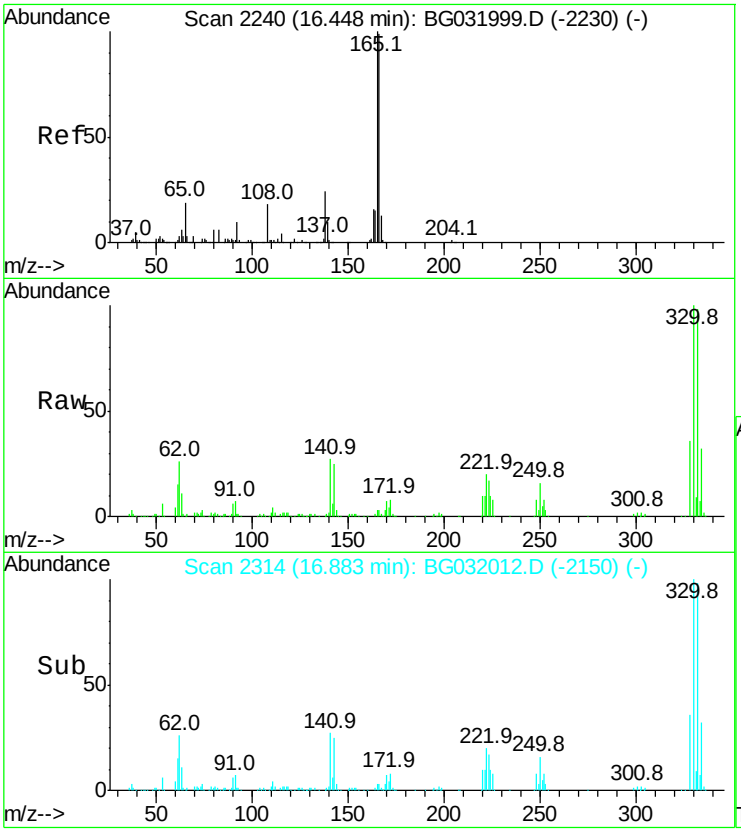


#60
4-Chlorophenyl-phenylether
Concen: 0.009 ng
RT: 16.64 min Scan# 2272
Delta R.T. 0.22 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:204 Resp: 68

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



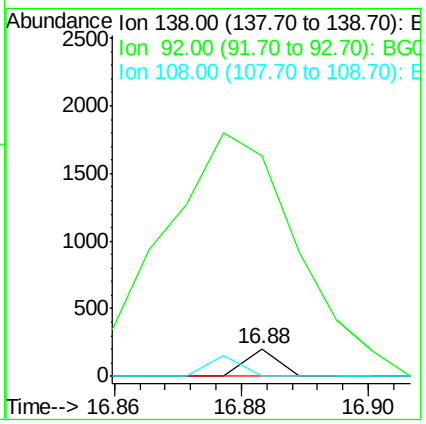


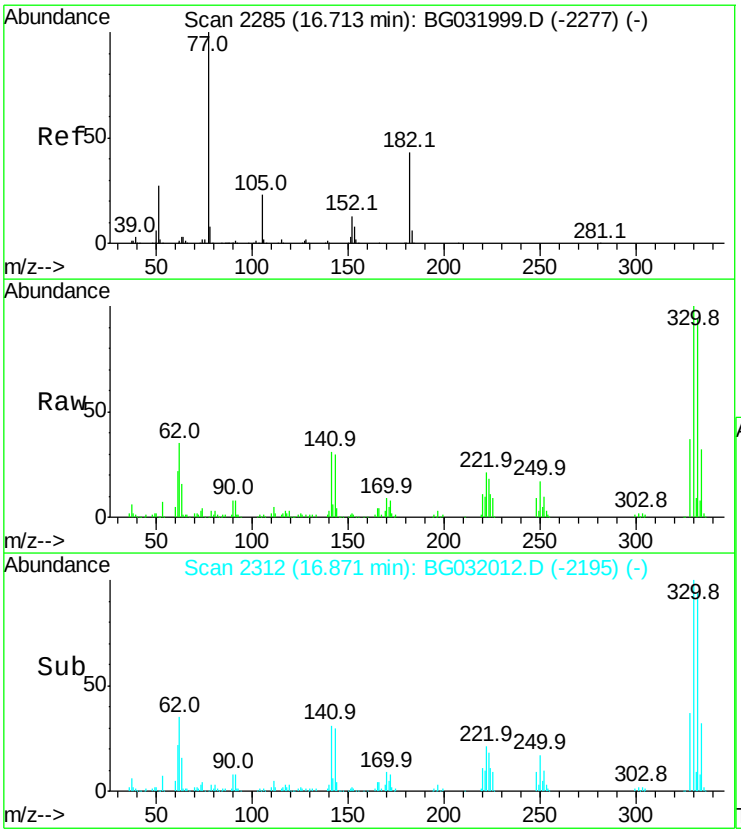
#61
4-Nitroaniline
Concen: 0.032 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.43 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 73

Ion	Ratio	Lower	Upper
138	100		
92	791.3	40.1	80.1#
108	0.0	65.4	105.4#

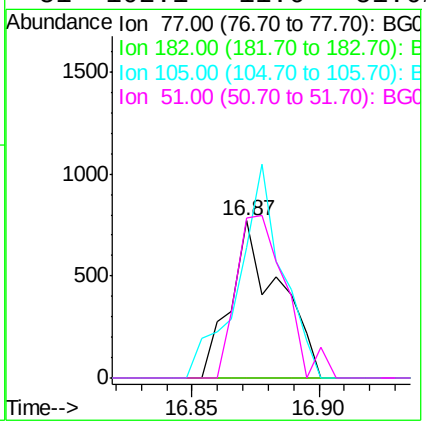


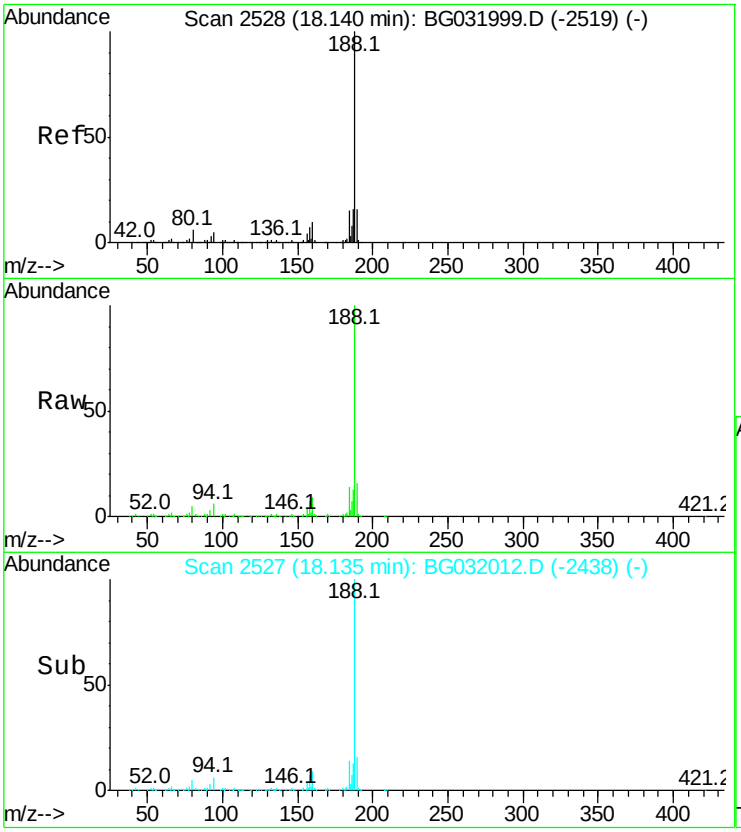


#62
Azobenzene
Concen: 0.134 ng
RT: 16.87 min Scan# 2312
Delta R.T. 0.16 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion: 77 Resp: 1027

Ion	Ratio	Lower	Upper
77	100		
182	0.0	7.4	47.4#
105	82.7	0.3	40.3#
51	102.1	11.6	51.6#



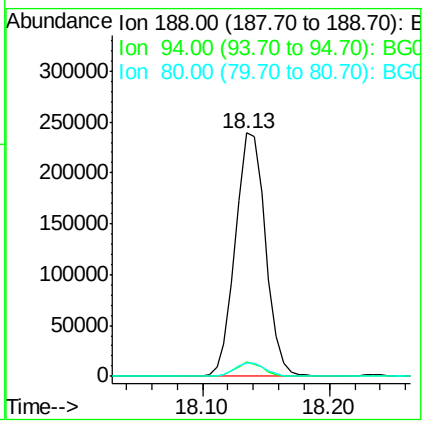


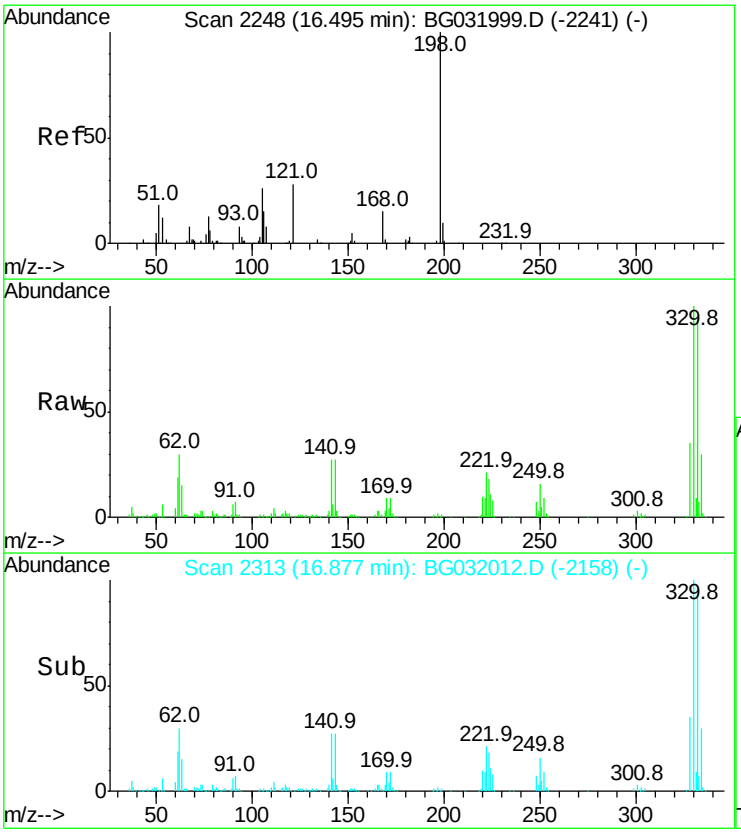
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 394667

Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	5.4	7.7	11.5#

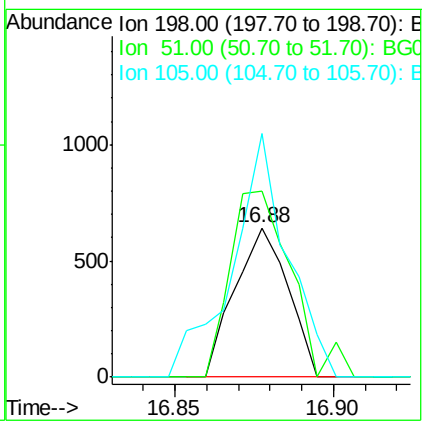


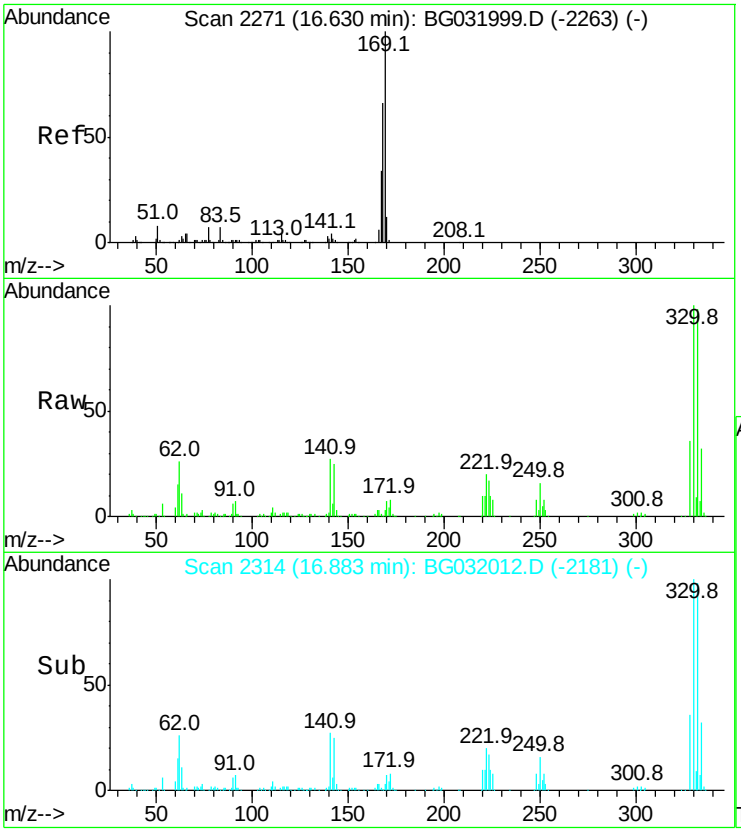


#64
4,6-Dinitro-2-methylphenol
Concen: 5.150 ng
RT: 16.88 min Scan# 2313
Delta R.T. 0.38 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:198 Resp: 747

Ion	Ratio	Lower	Upper
198	100		
51	124.5	30.6	70.6#
105	163.3	23.8	63.8#



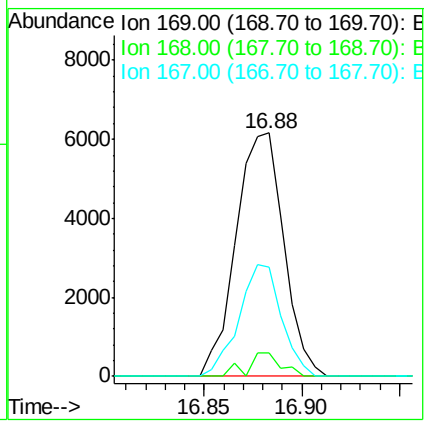


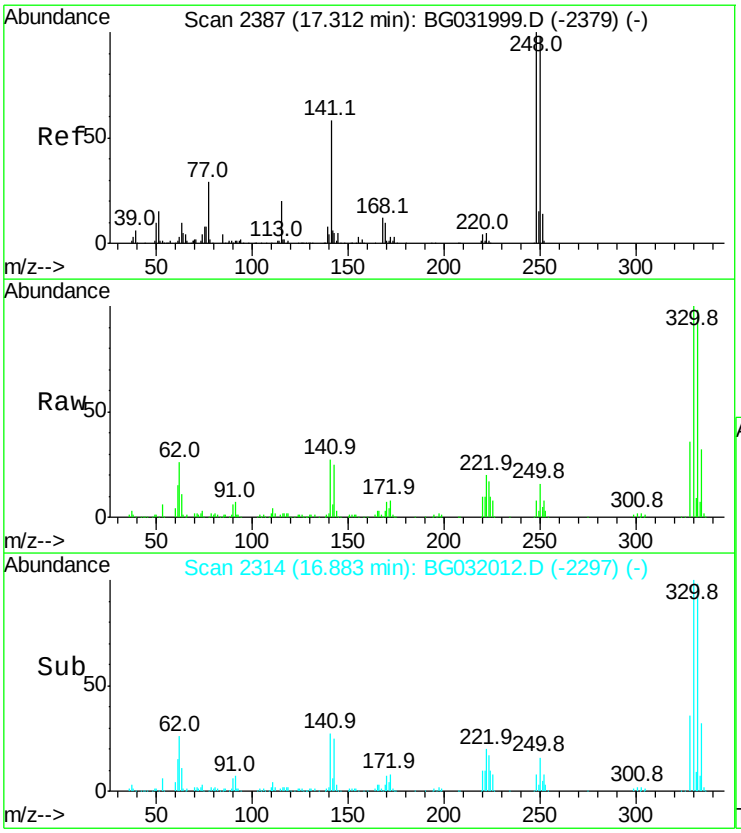
#65
n-Nitrosodiphenylamine
Concen: 0.871 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.25 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 10434

Ion	Ratio	Lower	Upper
169	100		
168	9.5	55.7	83.5#
167	44.8	30.1	45.1

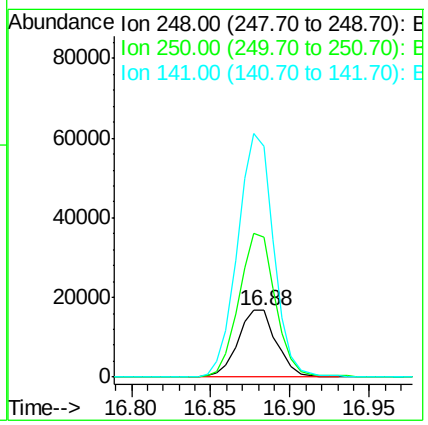


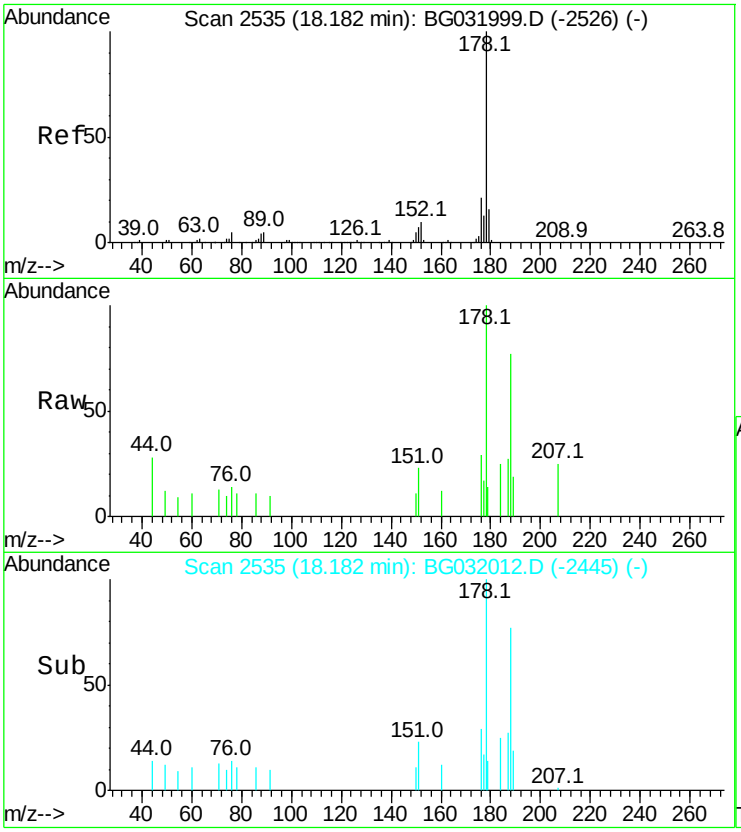


#66
4-Bromophenyl-phenylether
Concen: 5.005 ng
RT: 16.88 min Scan# 2314
Delta R.T. -0.43 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:248 Resp: 28105

Ion	Ratio	Lower	Upper
248	100		
250	208.9	77.1	115.7#
141	344.9	50.8	76.2#



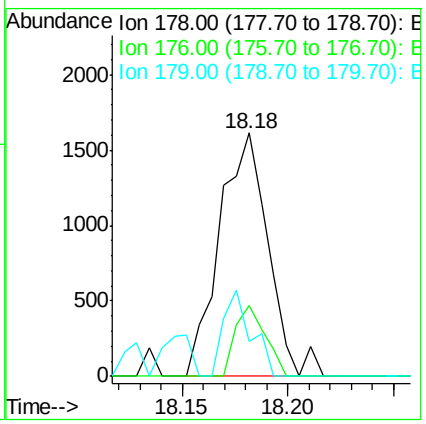


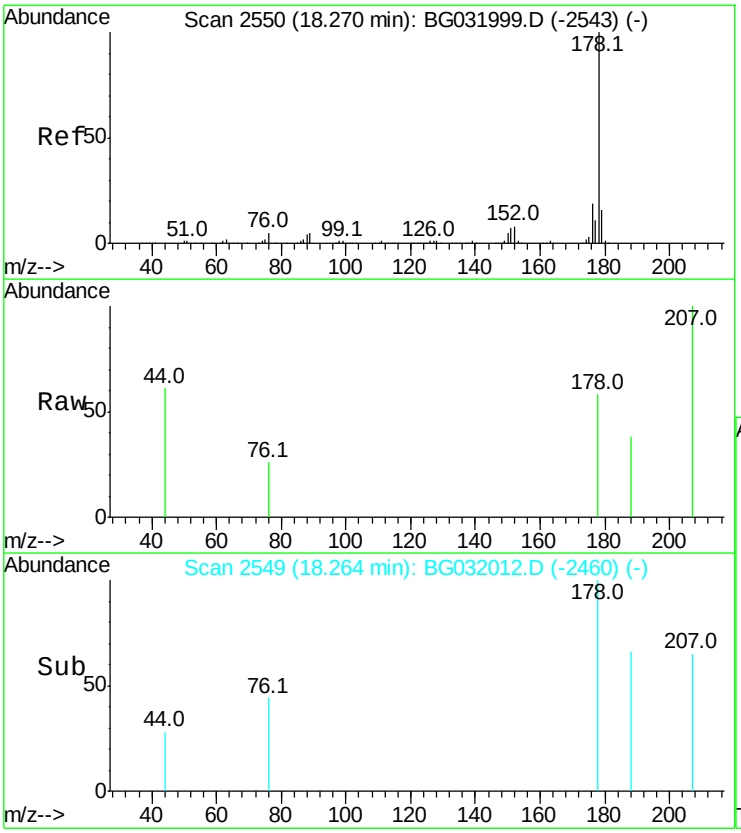
#70
Phenanthrene
Concen: 0.117 ng
RT: 18.18 min Scan# 2535
Delta R.T. 0.00 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 2571

Ion	Ratio	Lower	Upper
178	100		
176	29.2	15.7	23.5#
179	14.4	12.5	18.7

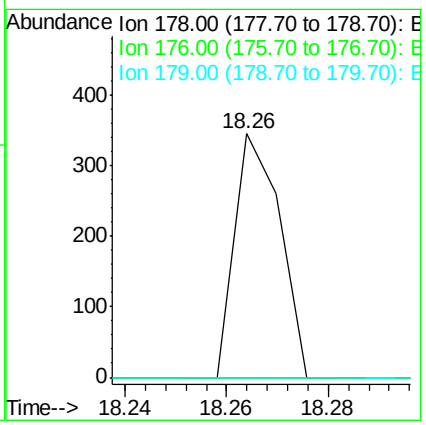


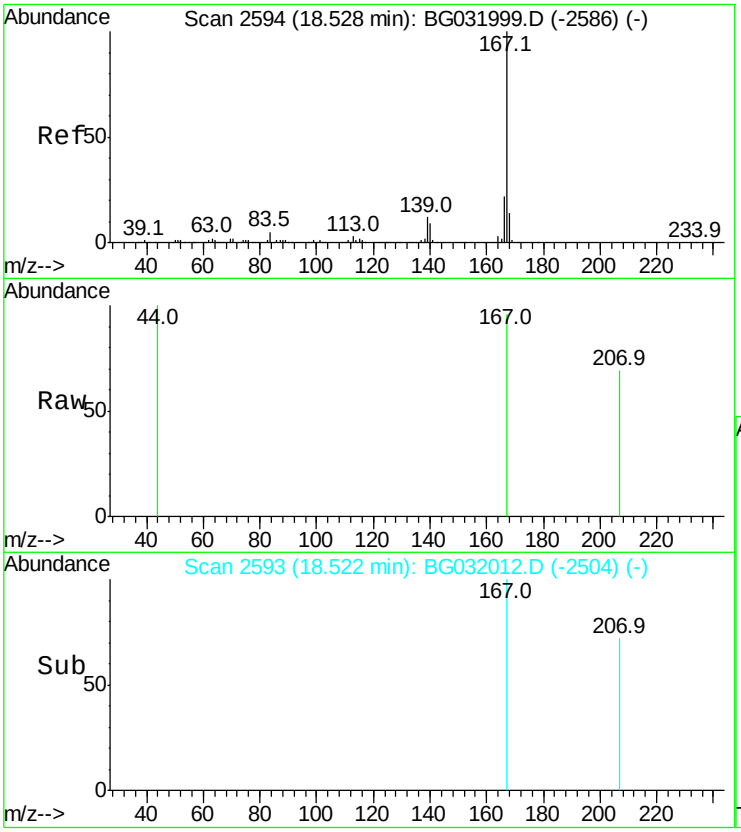


#71
Anthracene
Concen: 0.010 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:178 Resp: 214

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



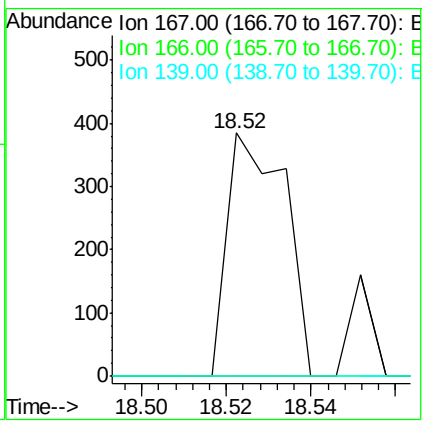


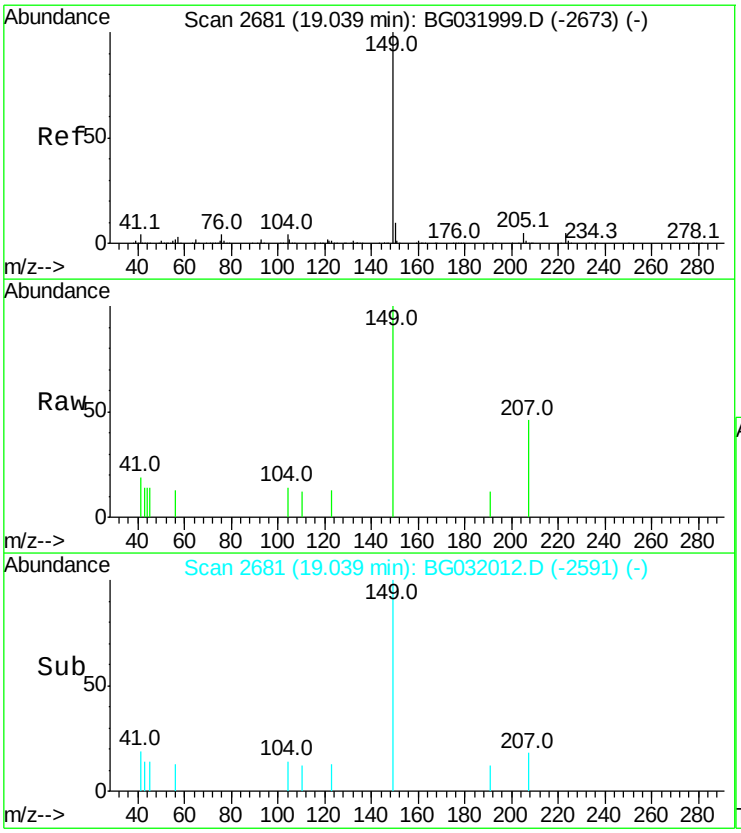
#72
Carbazole
Concen: 0.019 ng
RT: 18.52 min Scan# 2593
Delta R.T. -0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 364

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

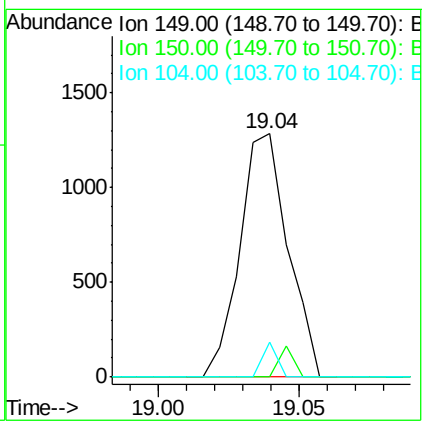


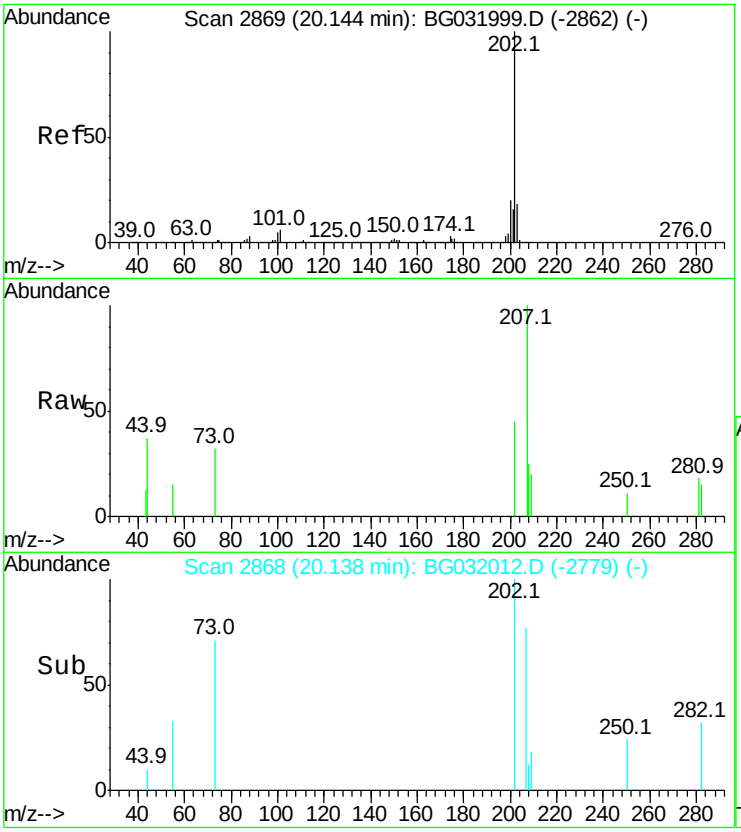


#73
Di-n-butylphthalate
Concen: 0.067 ng
RT: 19.04 min Scan# 2681
Delta R.T. 0.00 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:149 Resp: 1512

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	14.5	3.9	5.9#



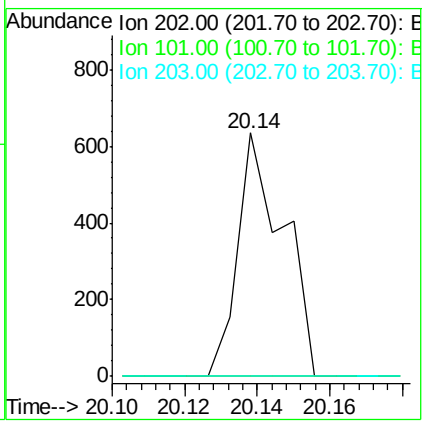


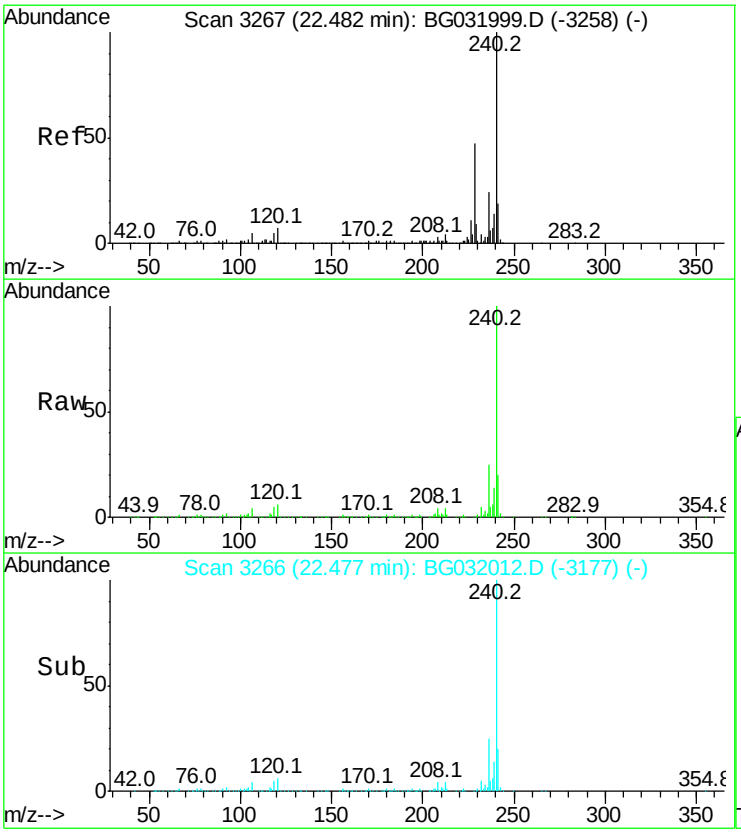
#74
Fluoranthene
Concen: 0.020 ng
RT: 20.14 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 553

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

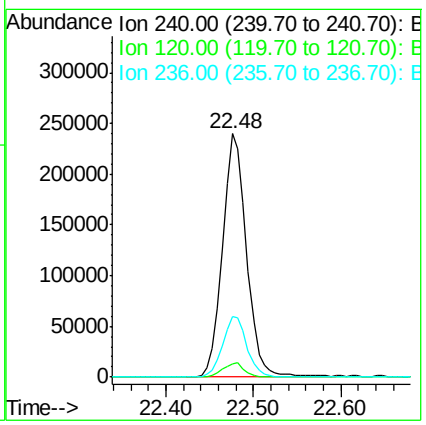


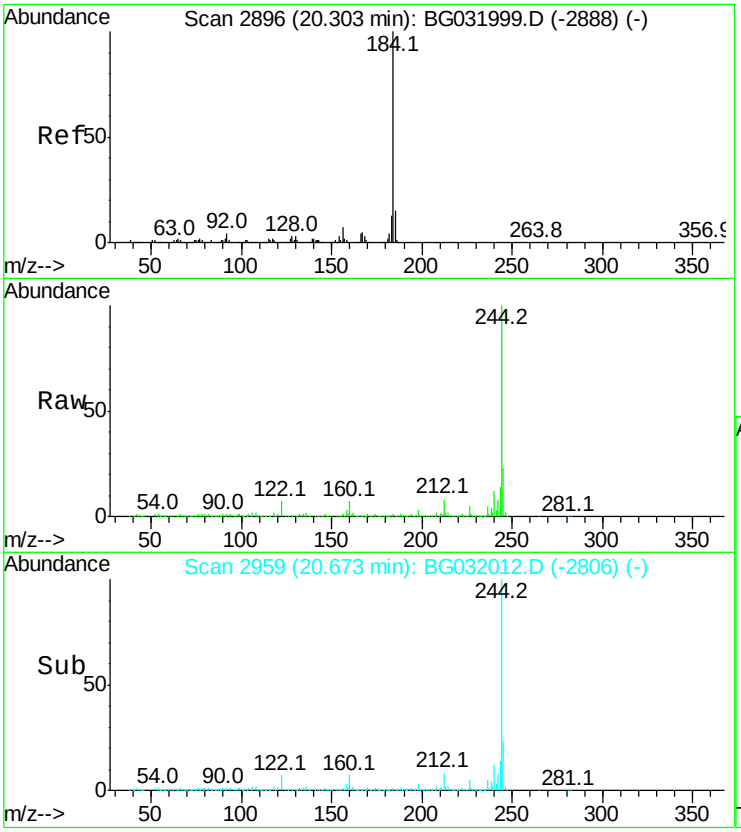


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3266
Delta R.T. -0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:240 Resp: 453376

Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	24.8	20.9	31.3



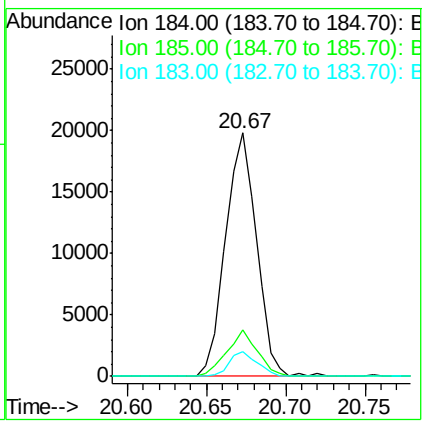


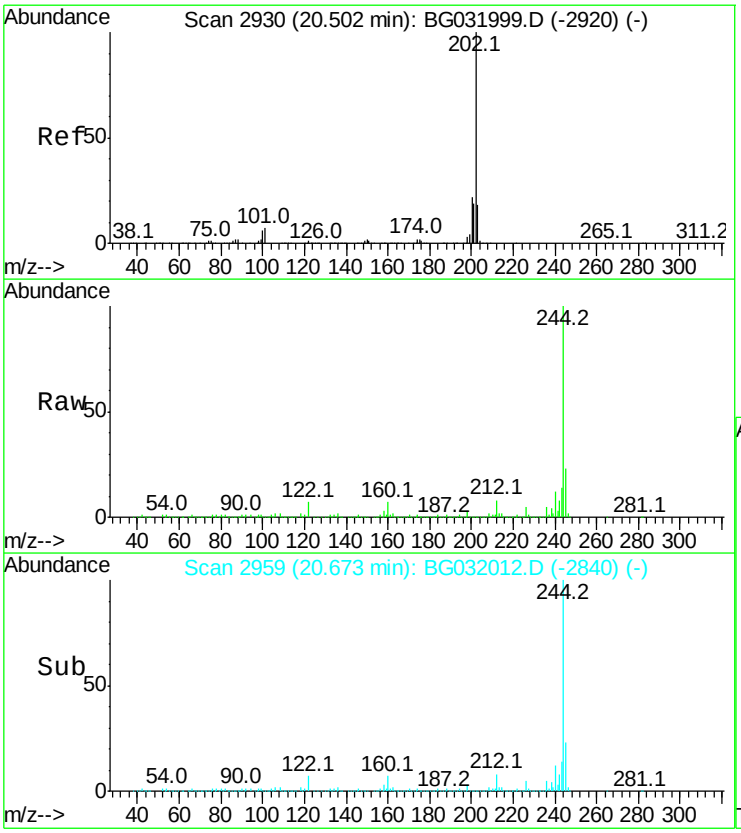
#76
Benzidine
Concen: 2.359 ng
RT: 20.67 min Scan# 2959
Delta R.T. 0.37 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 26747

Ion	Ratio	Lower	Upper
184	100		
185	18.9	11.1	16.7#
183	10.4	10.6	16.0#

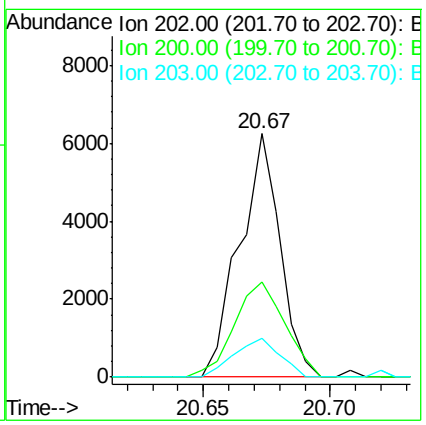


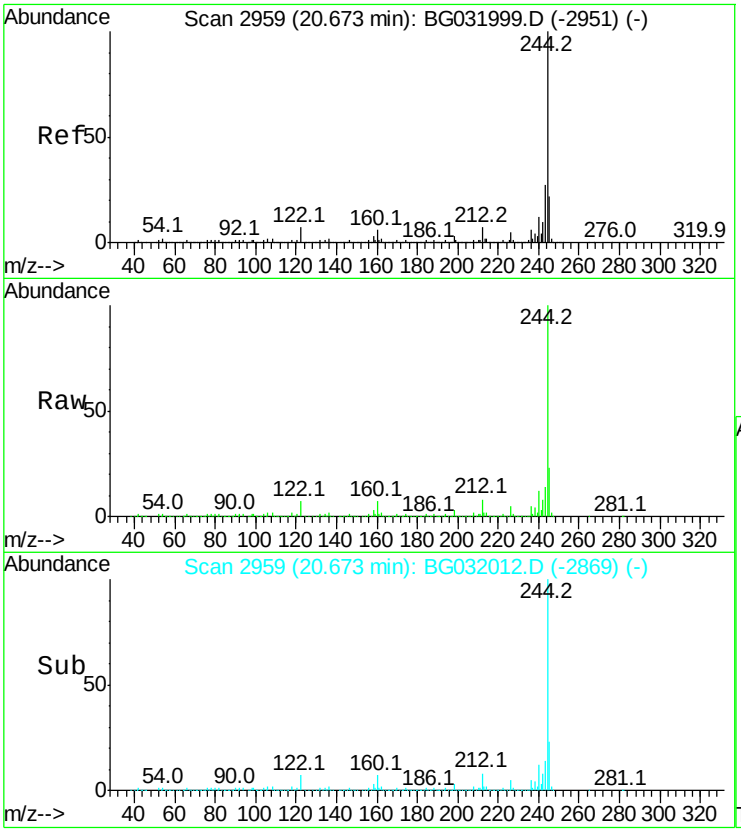


#77
Pyrene
Concen: 0.244 ng
RT: 20.67 min Scan# 2959
Delta R.T. 0.17 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:202 Resp: 6968

Ion	Ratio	Lower	Upper
202	100		
200	39.2	16.9	25.3#
203	15.8	13.9	20.9



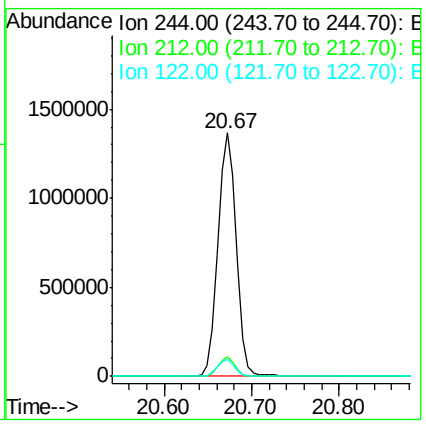


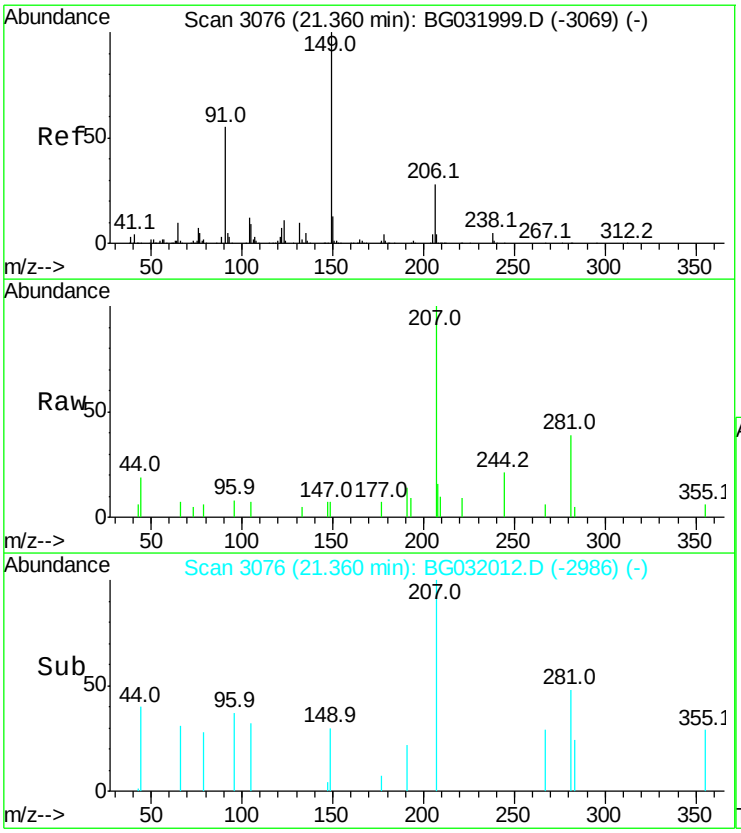
#78
Terphenyl-d14
Concen: 97.230 ng
RT: 20.67 min Scan# 2959
Delta R.T. 0.00 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1996425

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	7.3	7.0	10.4

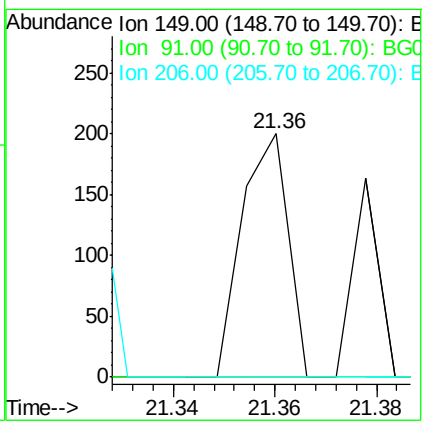


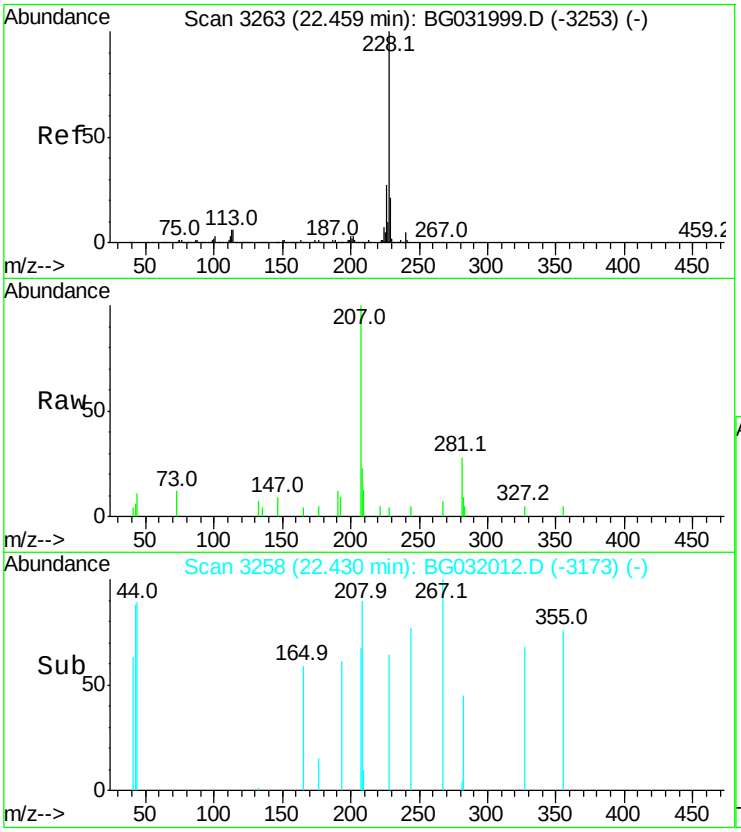


#79
Butylbenzylphthalate
Concen: 0.012 ng
RT: 21.36 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:149 Resp: 126

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



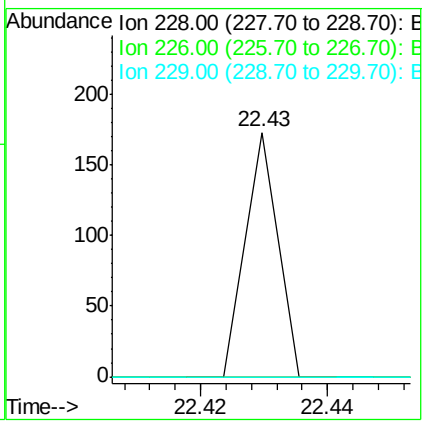


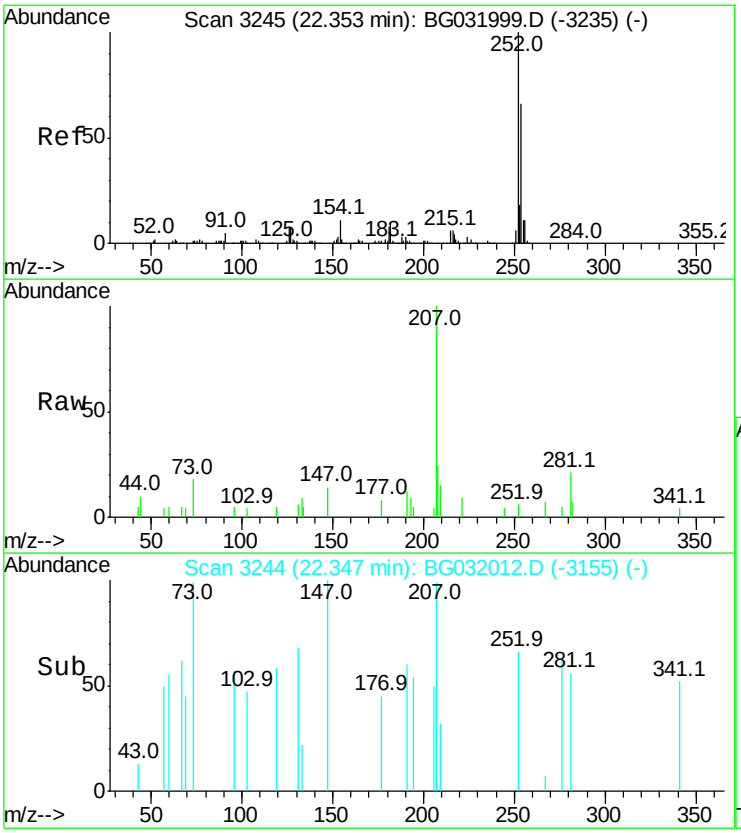
#80
Benzo(a)anthracene
Concen: 0.002 ng
RT: 22.43 min Scan# 3258
Delta R.T. -0.03 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 61

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

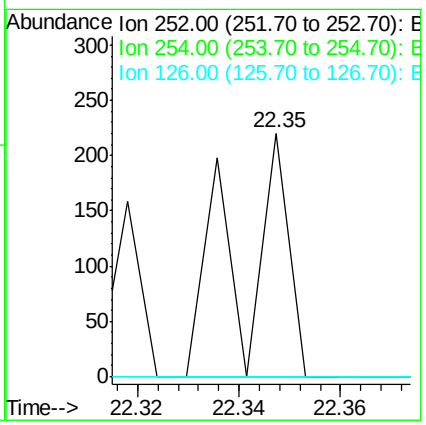


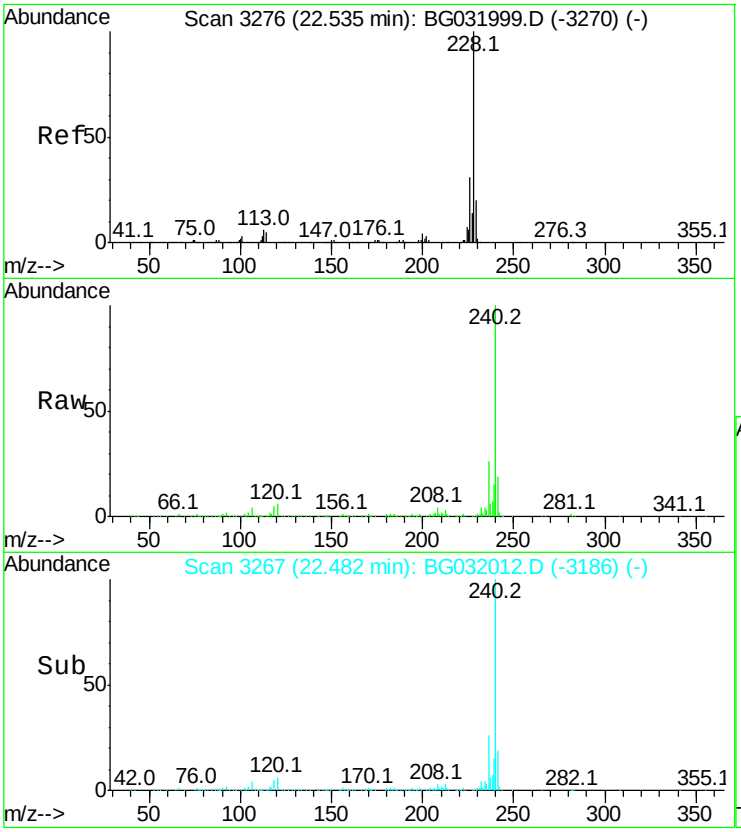


#81
3,3'-Dichlorobenzidine
Concen: 0.014 ng
RT: 22.35 min Scan# 3244
Delta R.T. -0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:252 Resp: 147

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



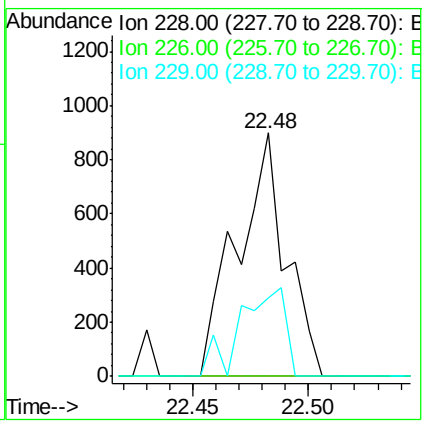


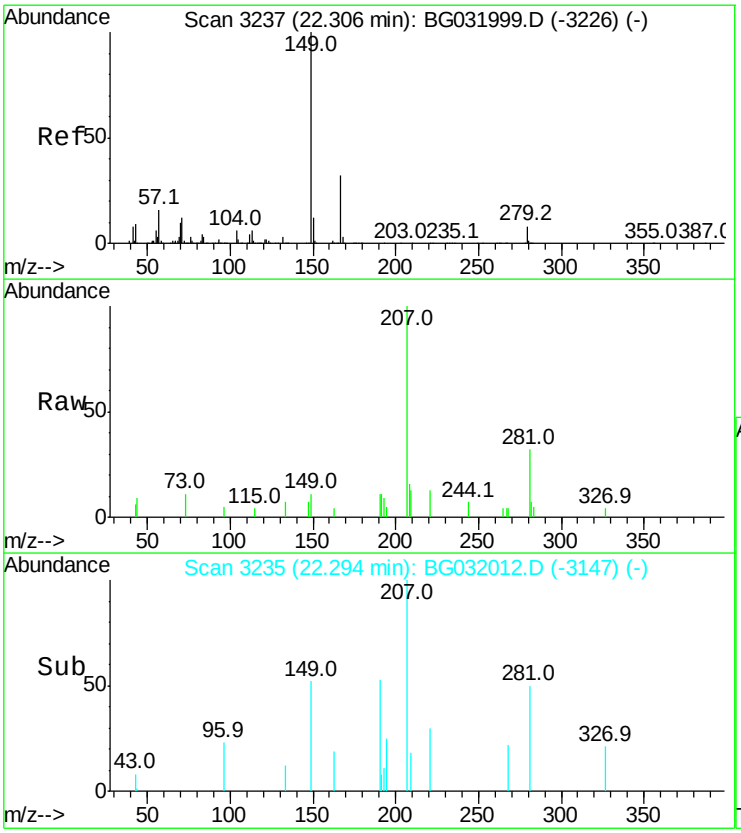
#82
Chrysene
Concen: 0.048 ng
RT: 22.48 min Scan# 3267
Delta R.T. -0.05 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 1311

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	32.0	15.0	22.4#

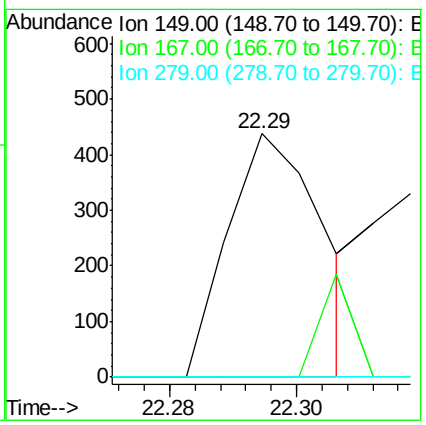


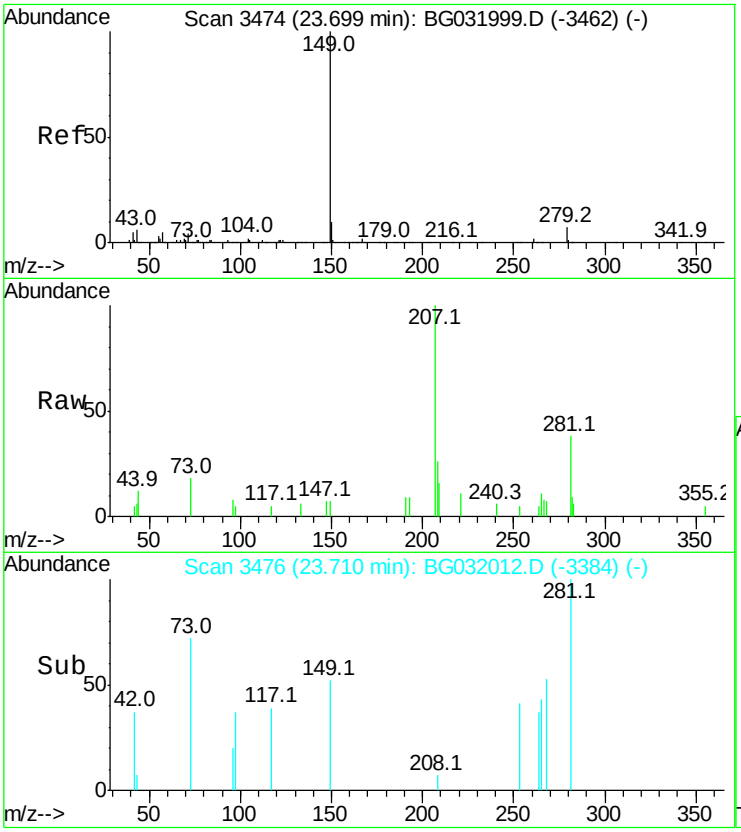


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.030 ng
RT: 22.29 min Scan# 3235
Delta R.T. -0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:149 Resp: 447

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



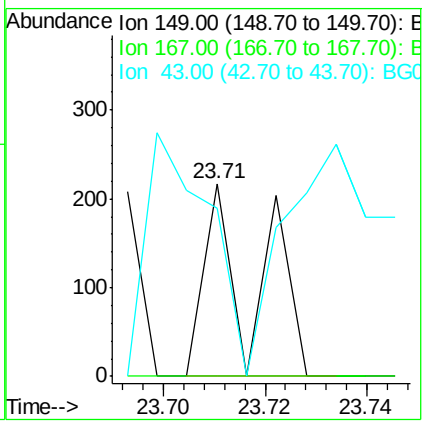


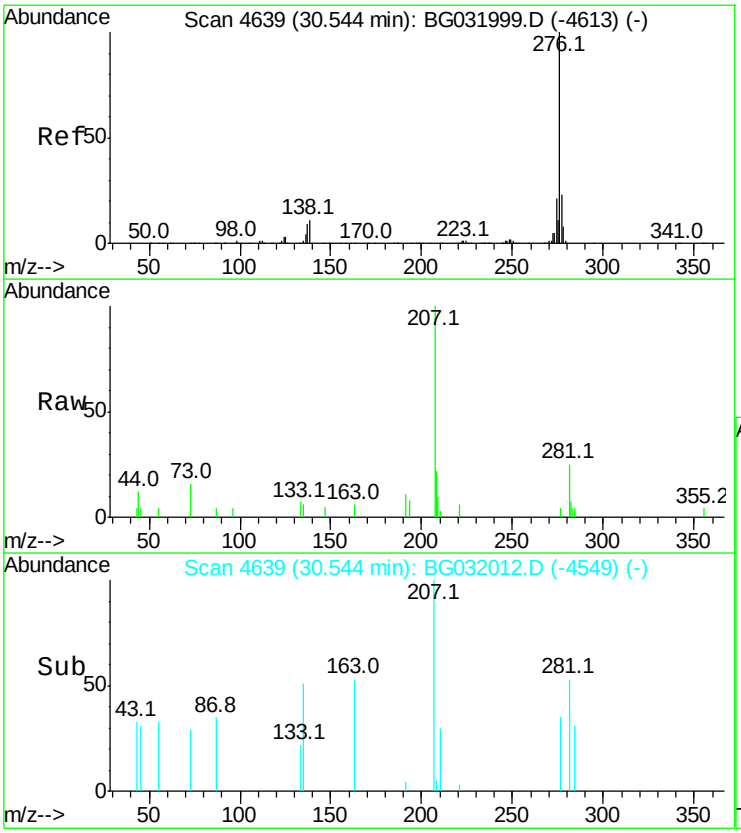
#84
Di-n-octyl phthalate
Concen: 0.006 ng
RT: 23.71 min Scan# 3476
Delta R.T. 0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 148

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	160.1	8.9	13.3#

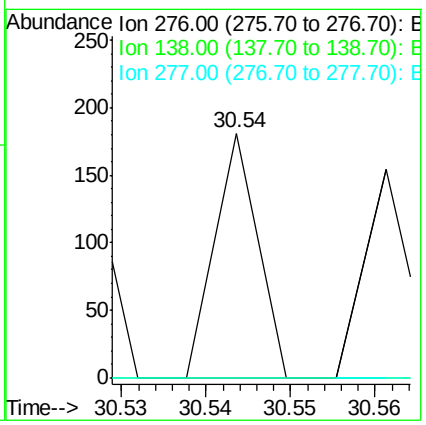


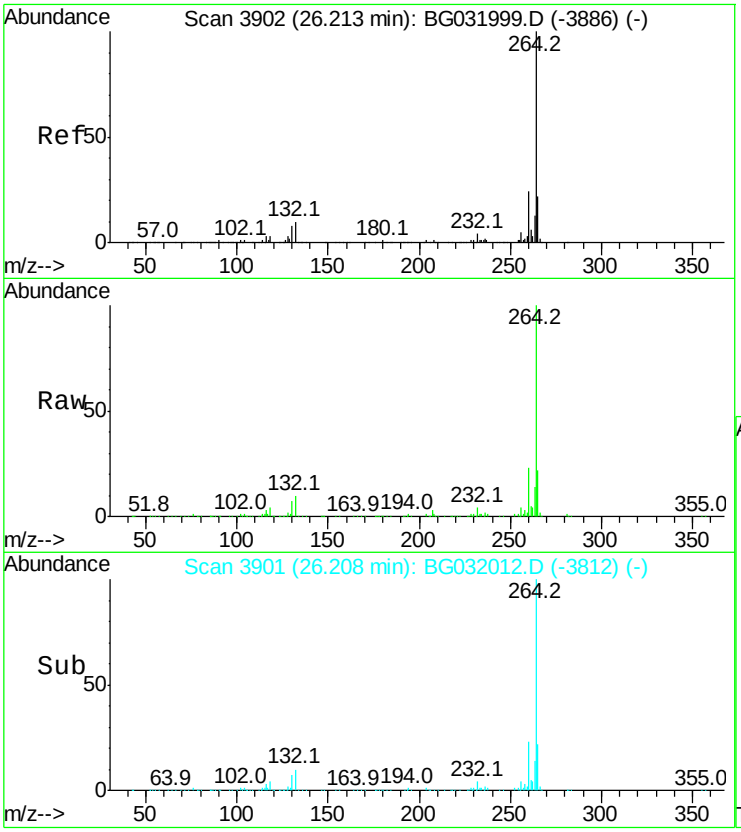


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 30.54 min Scan# 4639
Delta R.T. 0.00 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:276 Resp: 64

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



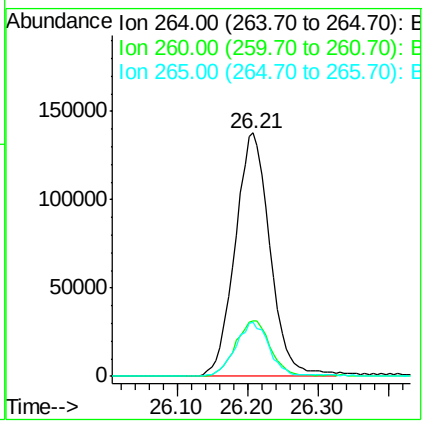


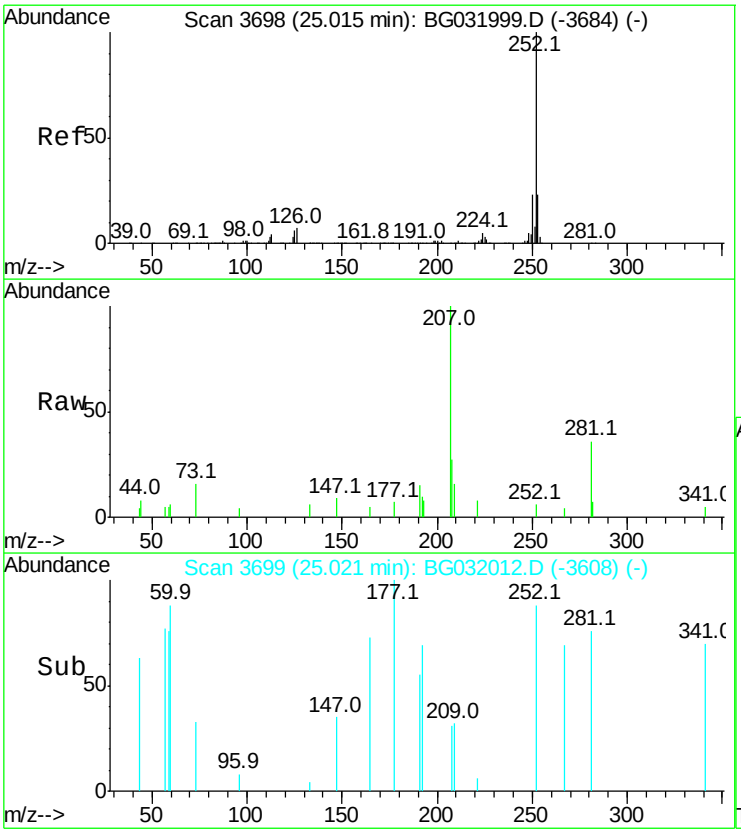
#86
Perylene-d12
Concen: 20.000 ng
RT: 26.21 min Scan# 3901
Delta R.T. -0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 474393

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	22.0	17.7	26.5

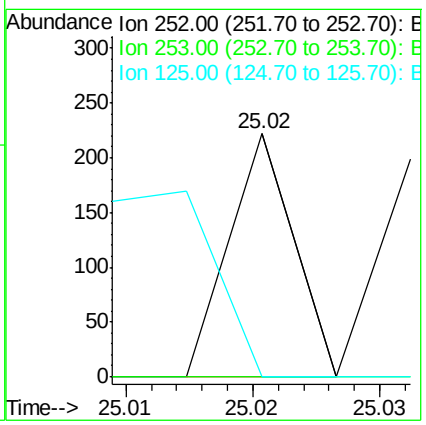


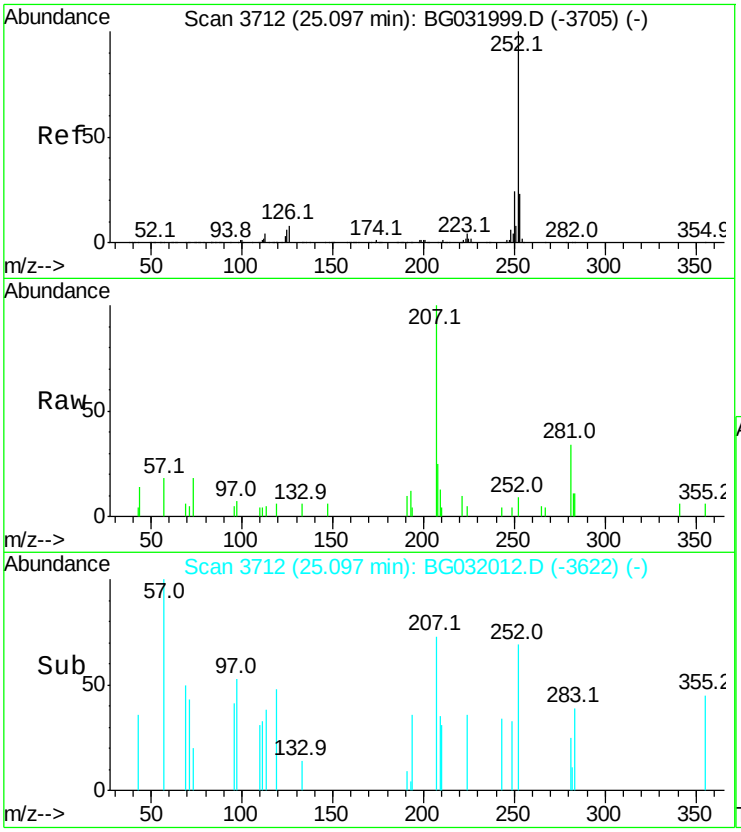


#87
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 25.02 min Scan# 3699
Delta R.T. 0.01 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:252 Resp: 78

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



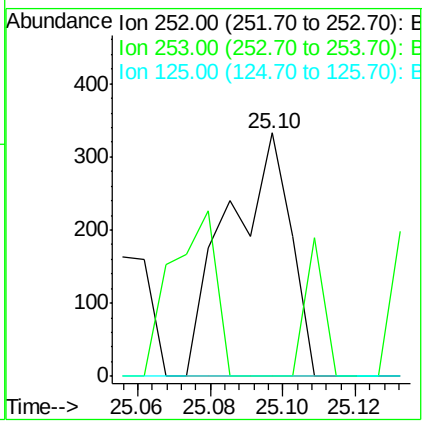


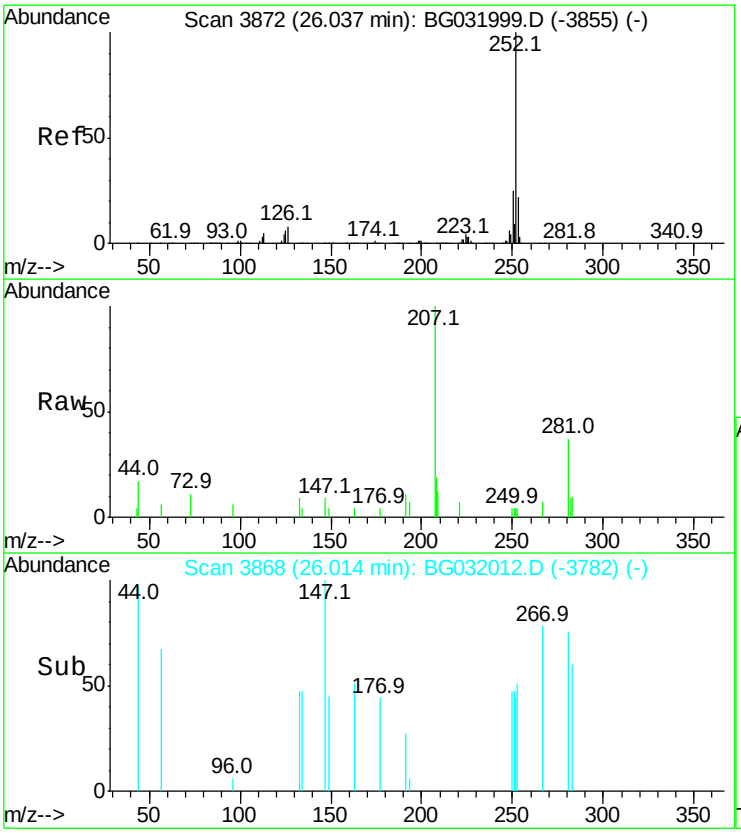
#88
Benzo(k)fluoranthene
Concen: 0.014 ng
RT: 25.10 min Scan# 3712
Delta R.T. 0.00 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 399

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

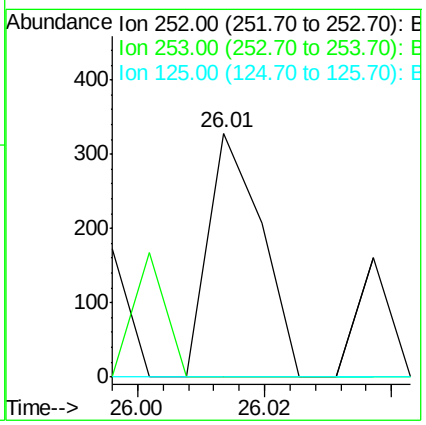


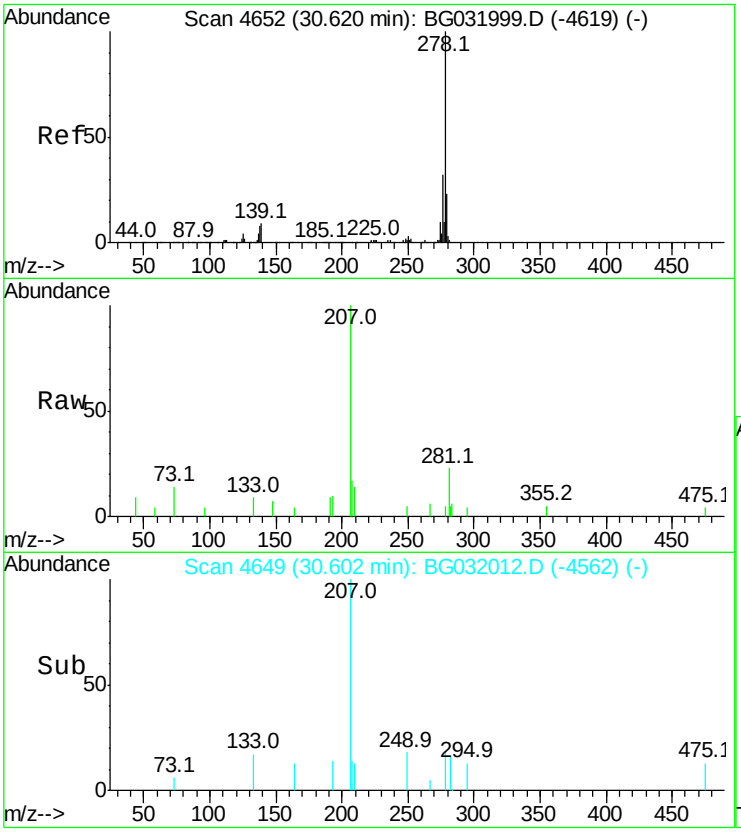


#89
Benzo(a)pyrene
Concen: 0.007 ng
RT: 26.01 min Scan# 3868
Delta R.T. -0.02 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:252 Resp: 189

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



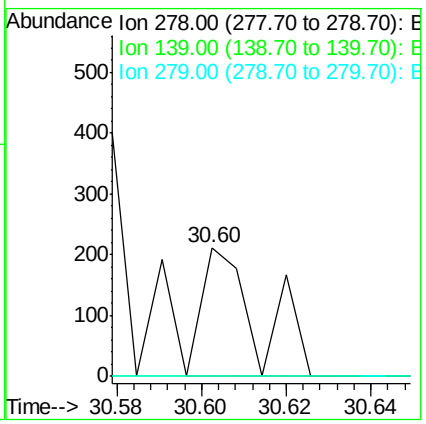


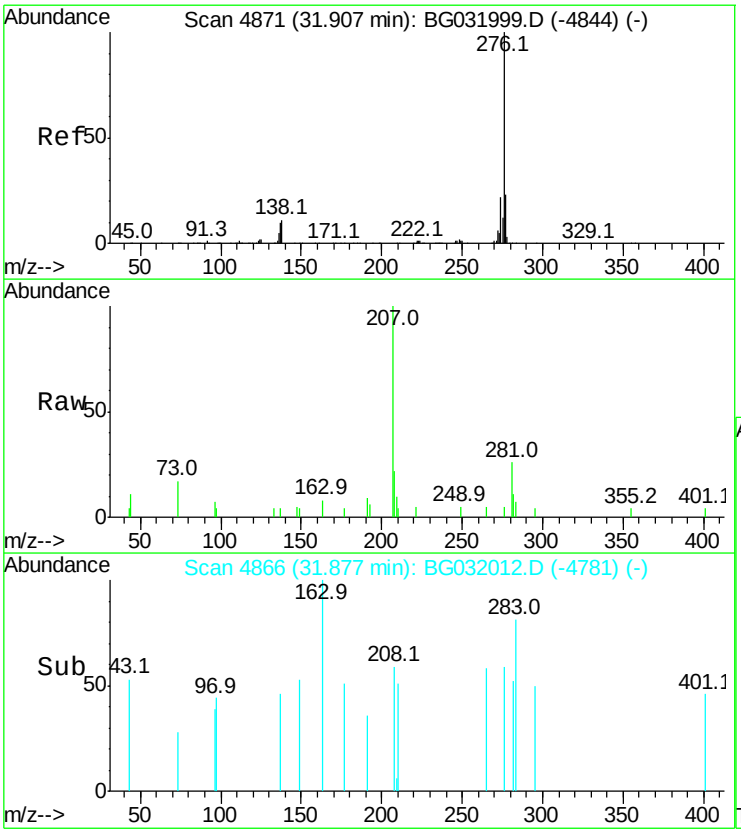
#90
Dibenzo(a,h)anthracene
Concen: 0.007 ng
RT: 30.60 min Scan# 4649
Delta R.T. -0.02 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 196

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





#91
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 31.88 min Scan# 4866
Delta R.T. -0.03 min
Lab File: BG032012.D
Acq: 12 Jan 2018 21:16

Tgt Ion:276 Resp: 74

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	13.9	20.9#