Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032016.D
Acq On : 12 Jan 2018 23:47
Operator : SJ/JU
Sample : J1106-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-SAND-13MS

Quant Time: Jan 13 03:00:01 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	8.78	152	56270	20.00	ng		0.00
21) Naphthalene-d8	11.65	136	246364	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	169997	20.00	ng		0.00
63) Phenanthrene-d10	18.14	188	414257	20.00	ng		0.00
75) Chrysene-d12	22.48	240	474771	20.00	ng		0.00
86) Perylene-d12	26.20	264	520661	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	398361	129.48	ng		0.00
7) Phenol-d6	7.88	99	521259	134.52	ng		0.00
23) Nitrobenzene-d5	9.97	82	293648	80.64	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	342799	121.86	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	1001258	73.03	ng		0.00
78) Terphenyl-d14	20.67	244	1717664	79.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	31463	26.619	ng	#	74
3) Pyridine	4.30	79	77211	24.472	ng	#	83
4) n-Nitrosodimethylamine	4.21	42	46105	41.595	ng	#	90
6) Aniline	8.06	93	148447	30.373	ng		92
8) 2-Chlorophenol	8.32	128	147619	42.878	ng		81
9) Benzaldehyde	7.87	77	23594	10.509	ng	#	83
10) Phenol	7.91	94	190642	49.945	ng		95
11) bis(2-Chloroethyl)ether	8.16	93	115961	37.920	ng	#	82
12) 1,3-Dichlorobenzene	8.66	146	158097	35.087	ng	#	94
13) 1,4-Dichlorobenzene	8.81	146	161722	35.647	ng		94
14) 1,2-Dichlorobenzene	9.14	146	155946	35.539	ng		96
15) Benzyl Alcohol	9.00	79	119856	42.579	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.30	45	123061	39.598	ng		87
17) 2-Methylphenol	9.20	107	122035	41.835	ng		98
18) Hexachloroethane	9.90	117	51472	36.916	ng	#	82
19) n-Nitroso-di-n-propylamine	9.59	70	94845	39.450	ng	#	84
20) 3+4-Methylphenols	9.54	107	166539	41.211	ng		98
22) Acetophenone	9.62	105	215733	38.550	ng	#	88
24) Nitrobenzene	10.02	77	139105	38.296	ng	#	88
25) Isophorone	10.54	82	277646	40.947	ng	#	88
26) 2-Nitrophenol	10.74	139	88569	41.151	ng	#	81
27) 2,4-Dimethylphenol	10.77	122	154472	45.228	ng		91
28) bis(2-Chloroethoxy)methane	11.02	93	171628	42.011	ng	#	96
29) 2,4-Dichlorophenol	11.28	162	179541	42.721	ng		90
30) 1,2,4-Trichlorobenzene	11.51	180	199551	36.766	ng		97
31) Naphthalene	11.71	128	458001	37.528	ng		98
32) Benzoic acid	10.90	122	87706	33.762	ng	#	81
33) 4-Chloroaniline	11.80	127	134896	25.776	ng	#	92
34) Hexachlorobutadiene	11.98	225	134694	34.552	ng		97
35) Caprolactam	12.55	113	55616	43.622	ng	#	52
36) 4-Chloro-3-methylphenol	12.87	107	167508	43.546	ng		87
37) 2-Methylnaphthalene	13.27	142	382570	39.484	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	276039	37.251	ng	#	96
40) Hexachlorocyclopentadiene	13.60	237	343551	82.314	ng		90

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032016.D
Acq On : 12 Jan 2018 23:47
Operator : SJ/JU
Sample : J1106-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-SAND-13MS

Quant Time: Jan 13 03:00:01 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)
42) 2,4,6-Trichlorophenol	13.85	196	174858	41.997	ng		97
43) 2,4,5-Trichlorophenol	13.92	196	185396	38.469	ng	#	90
45) 1,1'-Biphenyl	14.25	154	547345	37.558	ng		95
46) 2-Chloronaphthalene	14.30	162	420570	37.096	ng		96
47) 2-Nitroaniline	14.48	65	89843	41.395	ng	#	66
48) Acenaphthylene	15.13	152	625546	36.234	ng		99
49) Dimethylphthalate	14.83	163	656077	44.103	ng		99
50) 2,6-Dinitrotoluene	14.96	165	124077	40.183	ng	#	67
51) Acenaphthene	15.47	154	477726	41.848	ng		97
52) 3-Nitroaniline	15.29	138	88107	31.593	ng	#	71
53) 2,4-Dinitrophenol	15.49	184	153727	97.572	ng	#	67
54) Dibenzofuran	15.80	168	654113	38.410	ng		99
55) 4-Nitrophenol	15.57	139	184427	90.743	ng	#	74
56) 2,4-Dinitrotoluene	15.74	165	176884	42.549	ng	#	63
57) Fluorene	16.44	166	521004	37.303	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.01	232	196470	44.068	ng	#	84
59) Diethylphthalate	16.18	149	535447	37.128	ng		97
60) 4-Chlorophenyl-phenylether	16.42	204	324886	37.920	ng		91
61) 4-Nitroaniline	16.45	138	106424	39.781	ng		83
62) Azobenzene	16.71	77	344453	38.160	ng		83
64) 4,6-Dinitro-2-methylphenol	16.50	198	100819	39.038	ng	#	69
65) n-Nitrosodiphenylamine	16.63	169	481451	38.301	ng		99
66) 4-Bromophenyl-phenylether	17.31	248	230000	39.022	ng		94
67) Hexachlorobenzene	17.44	284	238524	36.578	ng	#	88
68) Atrazine	17.55	200	212930	40.279	ng		96
69) Pentachlorophenol	17.78	266	316151	75.850	ng		99
70) Phenanthrene	18.18	178	872681	37.837	ng		99
71) Anthracene	18.27	178	884739	38.460	ng		98
72) Carbazole	18.53	167	762093	38.189	ng		99
73) Di-n-butylphthalate	19.03	149	876928	37.189	ng		99
74) Fluoranthene	20.14	202	1091491	37.797	ng		95
76) Benzidine	20.30	184	269919	22.735	ng		100
77) Pyrene	20.50	202	1115074	37.361	ng		99
79) Butylbenzylphthalate	21.36	149	405447	37.915	ng	#	74
80) Benzo(a)anthracene	22.46	228	1134609	38.427	ng		99
81) 3,3'-Dichlorobenzidine	22.35	252	368448	33.405	ng	#	97
82) Chrysene	22.53	228	1061462	37.433	ng		98
83) Bis(2-ethylhexyl)phthalate	22.30	149	576788	36.783	ng	#	98
84) Di-n-octyl phthalate	23.69	149	982851	39.464	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.52	276	1380488	39.781	ng	#	89
87) Benzo(b)fluoranthene	25.01	252	1207368	38.364	ng	#	97
88) Benzo(k)fluoranthene	25.09	252	1177369	38.285	ng	#	96
89) Benzo(a)pyrene	26.02	252	1161570	39.017	ng	#	96
90) Dibenzo(a,h)anthracene	30.60	278	1122411	39.125	ng	#	96
91) Benzo(g,h,i)perylene	31.88	276	1157599	39.479	ng	#	94

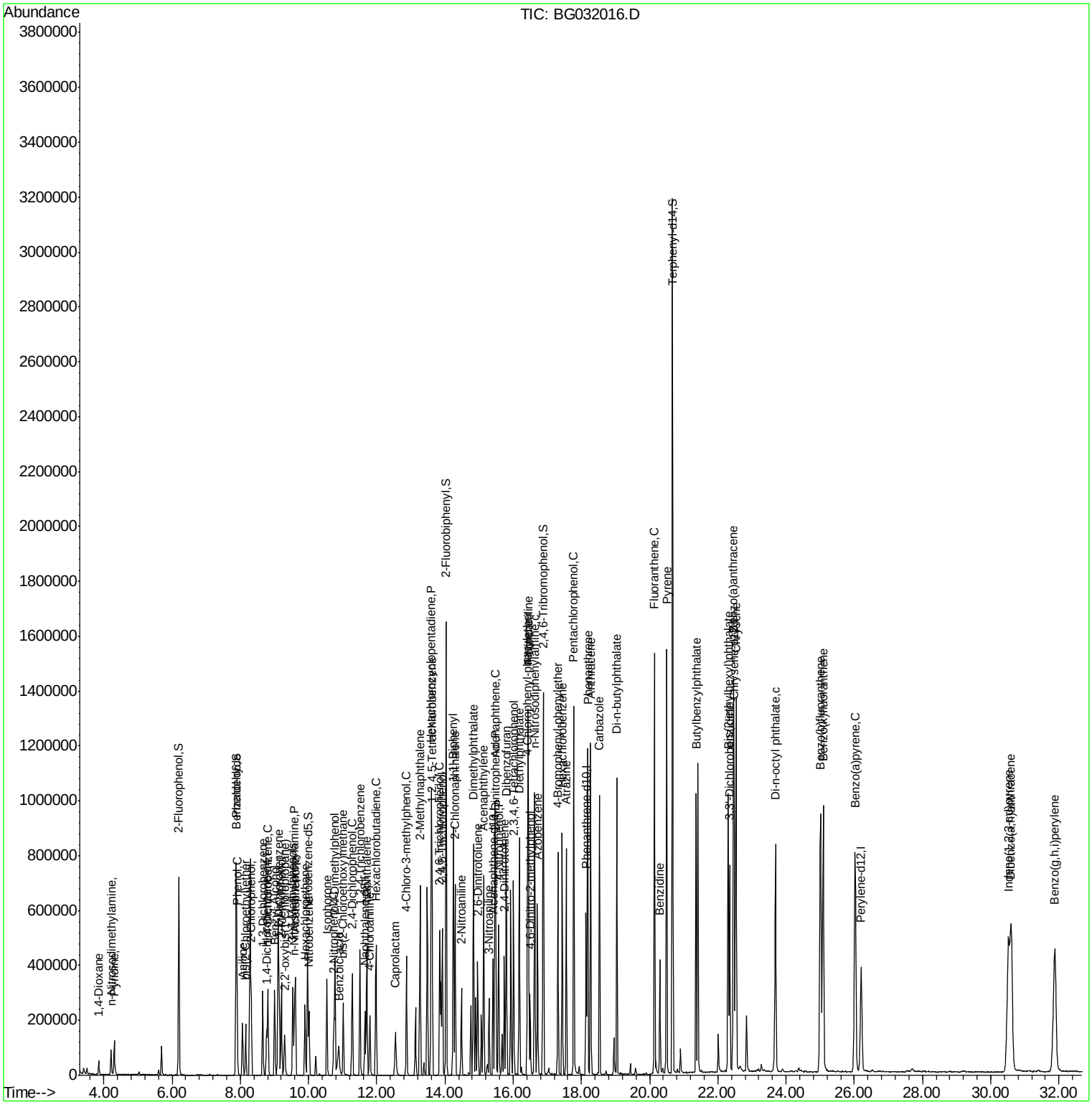
(#) = qualifier out of range (m) = manual integration (+) = signals summed

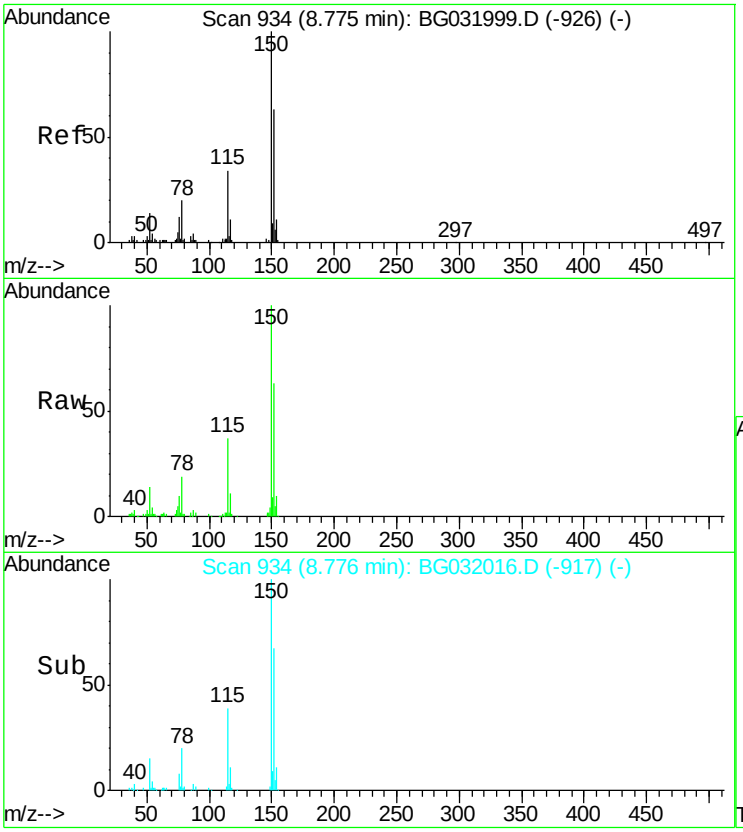
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032016.D
Acq On : 12 Jan 2018 23:47
Operator : SJ/JU
Sample : J1106-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Quant Time: Jan 13 03:00:01 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



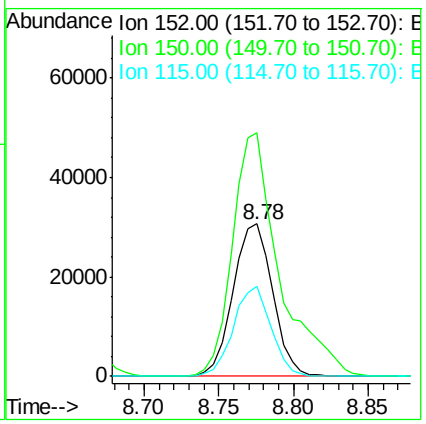


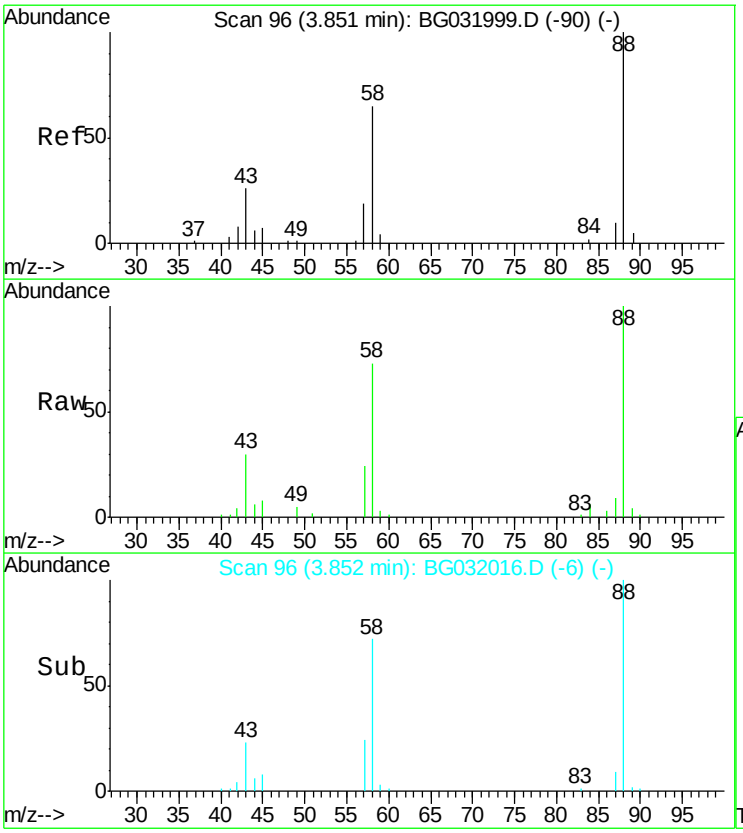
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:152 Resp: 56270

Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.6	189.8
115	58.8	53.0	79.4

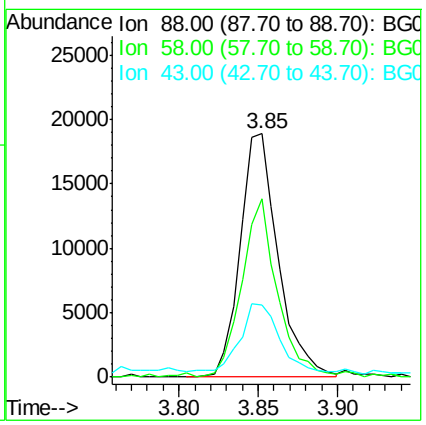


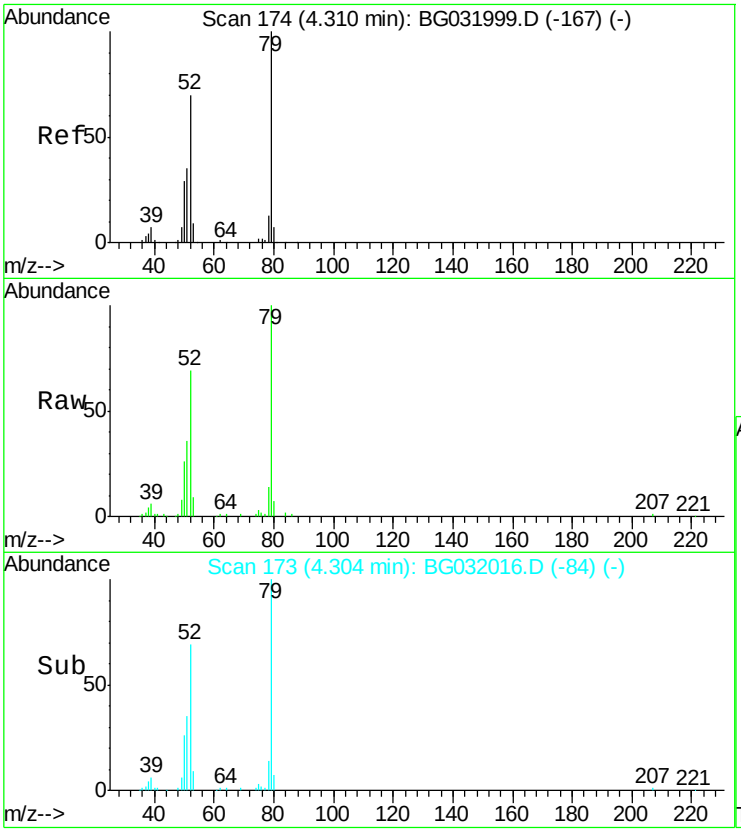


#2
1,4-Dioxane
Concen: 26.619 ng
RT: 3.85 min Scan# 96
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion: 88 Resp: 31463

Ion	Ratio	Lower	Upper
88	100		
58	69.3	79.6	119.4#
43	27.3	27.4	41.0#



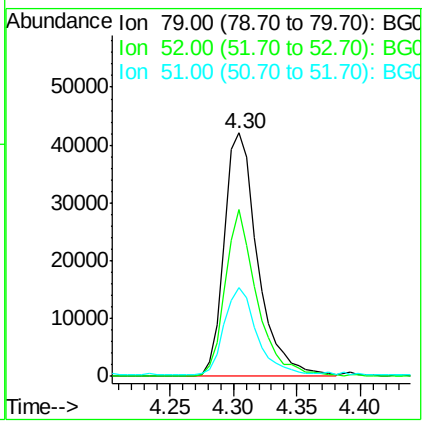


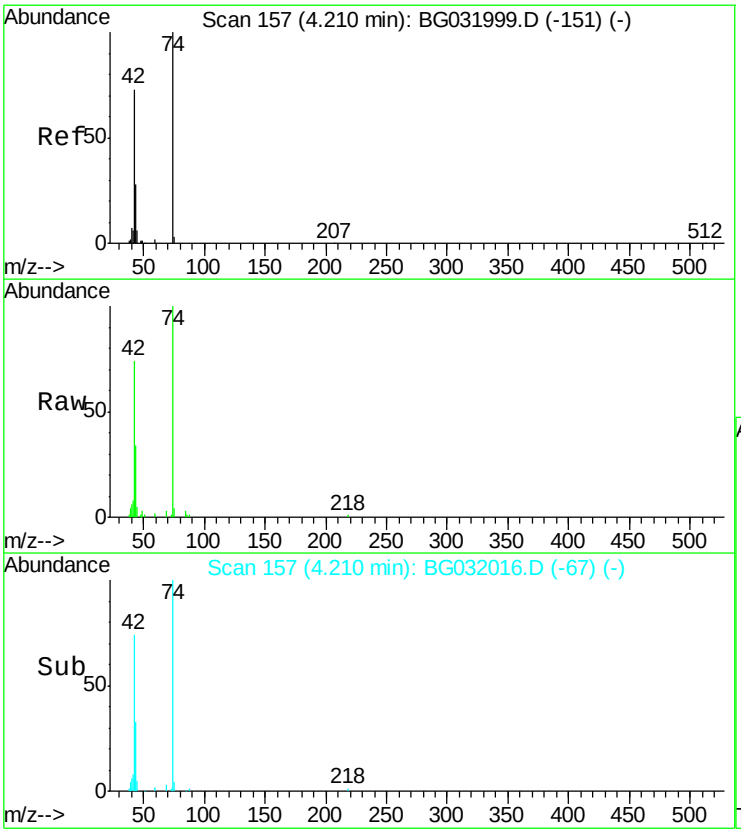
#3
Pyridine
Concen: 24.472 ng
RT: 4.30 min Scan# 173
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion: 79 Resp: 77211

Ion	Ratio	Lower	Upper
79	100		
52	68.6	69.9	104.9#
51	36.2	34.0	51.0

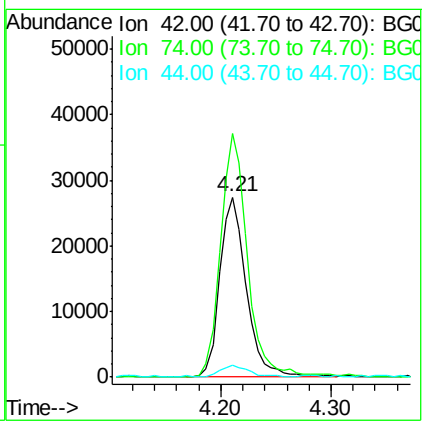


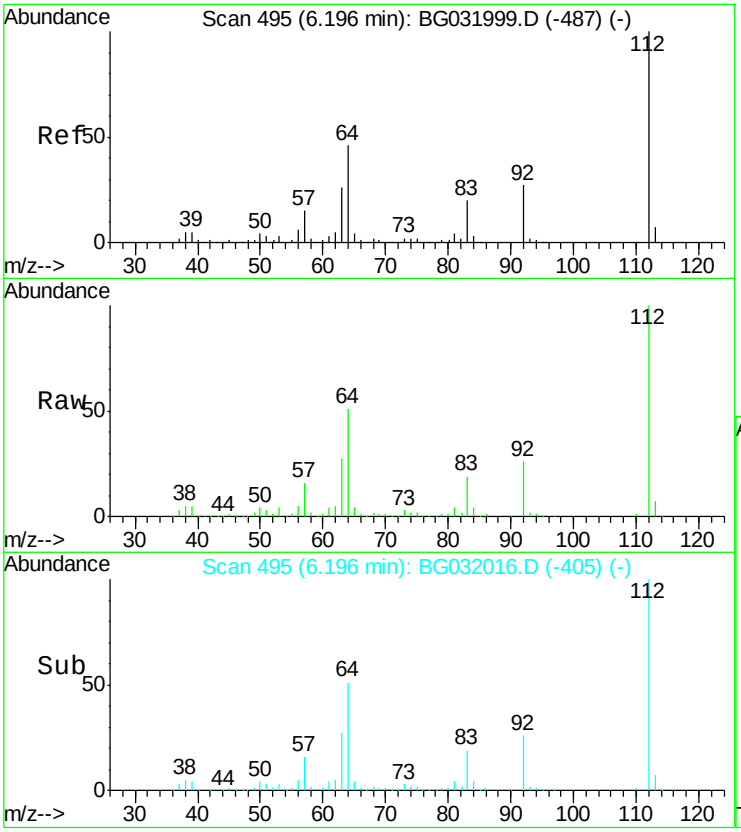


#4
n-Nitrosodimethylamine
Concen: 41.595 ng
RT: 4.21 min Scan# 157
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion: 42 Resp: 46105

Ion	Ratio	Lower	Upper
42	100		
74	135.1	102.5	153.7
44	6.8	18.9	28.3#



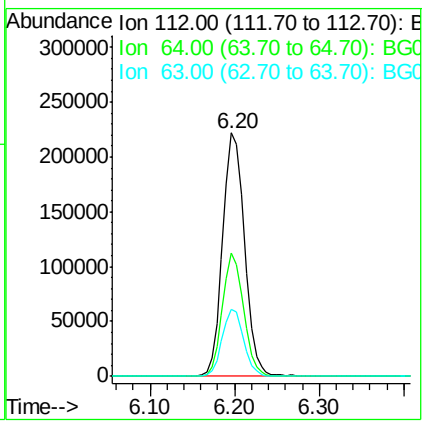


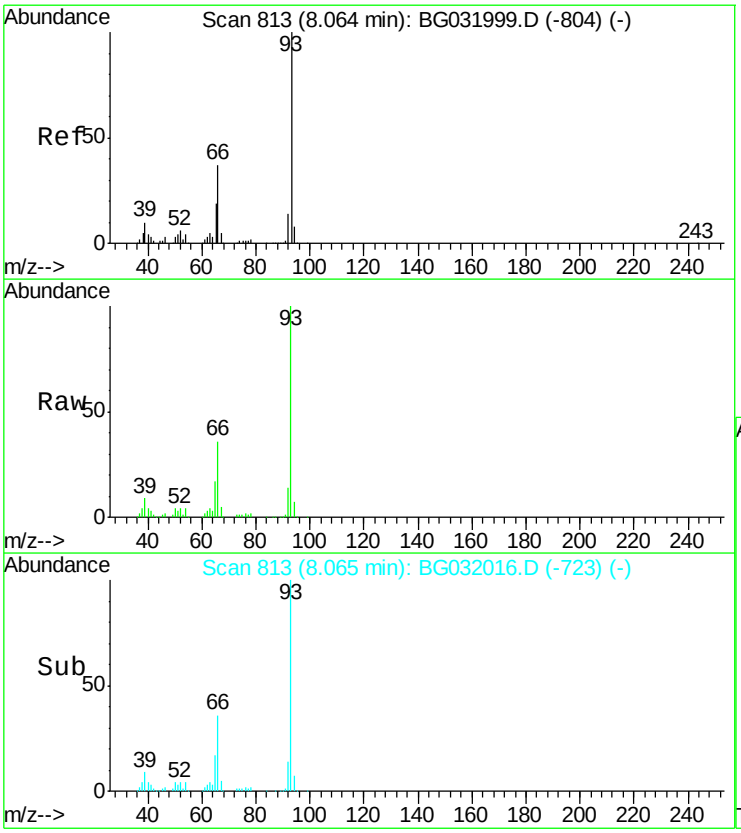
#5
2-Fluorophenol
Concen: 129.479 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:112 Resp: 398361

Ion	Ratio	Lower	Upper
112	100		
64	50.6	56.3	84.5#
63	27.4	30.1	45.1#

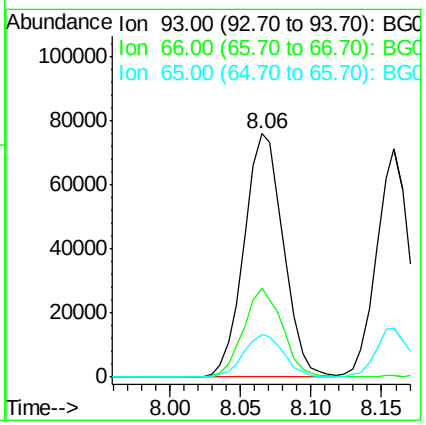


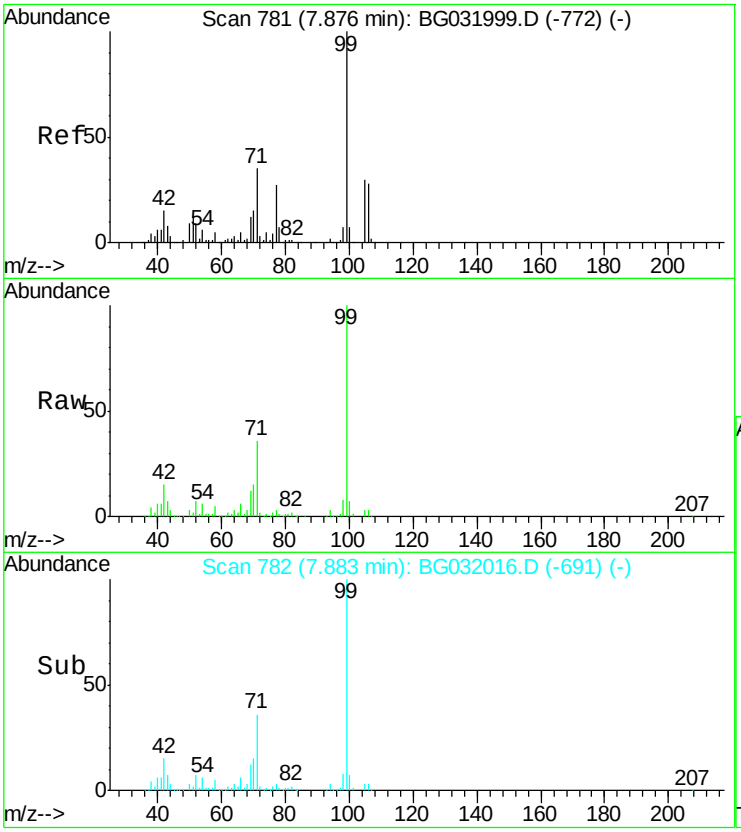


#6
Aniline
Concen: 30.373 ng
RT: 8.06 min Scan# 813
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion: 93 Resp: 148447

Ion	Ratio	Lower	Upper
93	100		
66	36.5	33.7	50.5
65	17.5	16.1	24.1



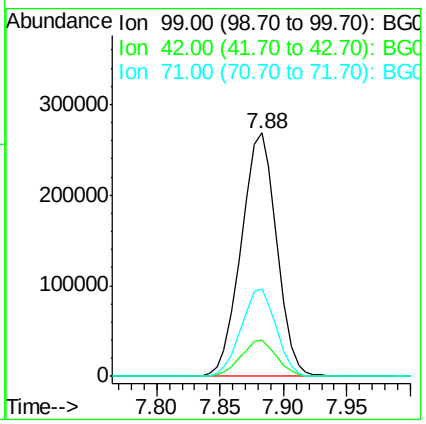


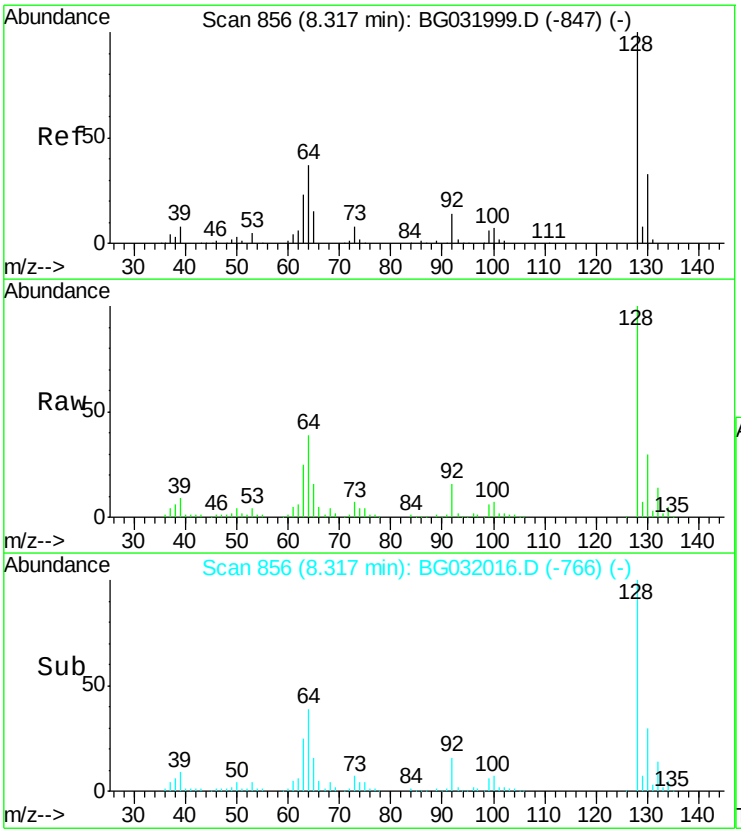
#7
Phenol-d6
Concen: 134.523 ng
RT: 7.88 min Scan# 782
Delta R.T. 0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion: 99 Resp: 521259

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.1	21.1
71	35.9	26.1	39.1

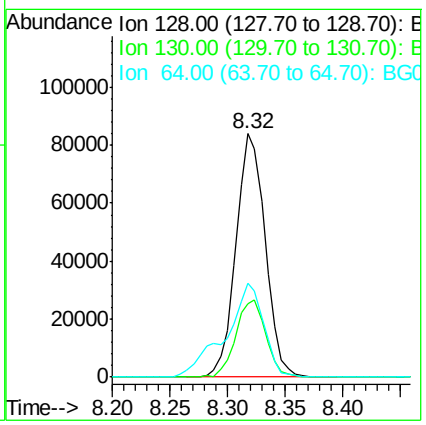


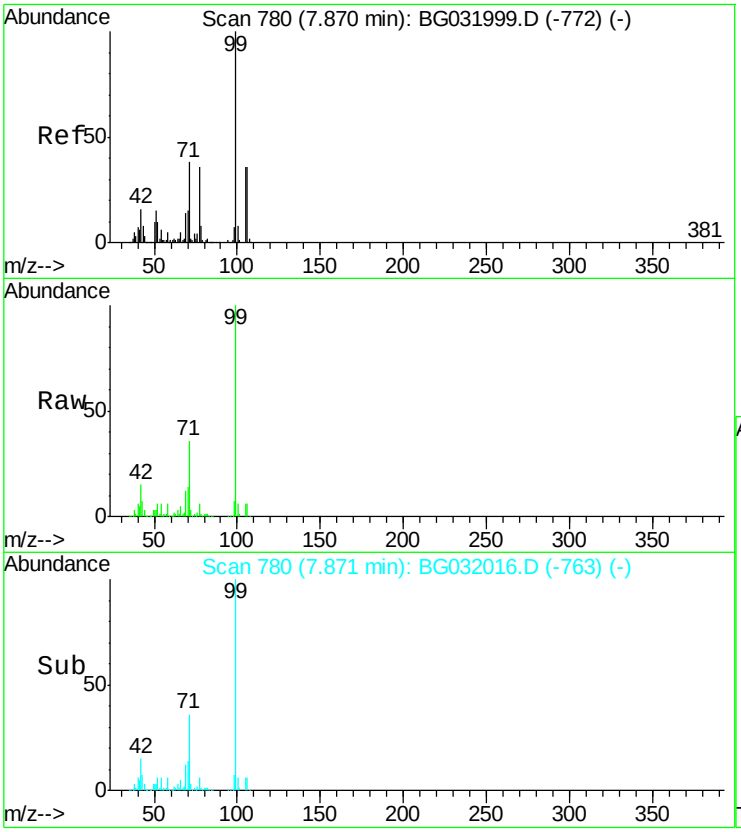


#8
2-Chlorophenol
Concen: 42.878 ng
RT: 8.32 min Scan# 856
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:128 Resp: 147619

Ion	Ratio	Lower	Upper
128	100		
130	30.0	14.0	54.0
64	38.7	37.7	77.7



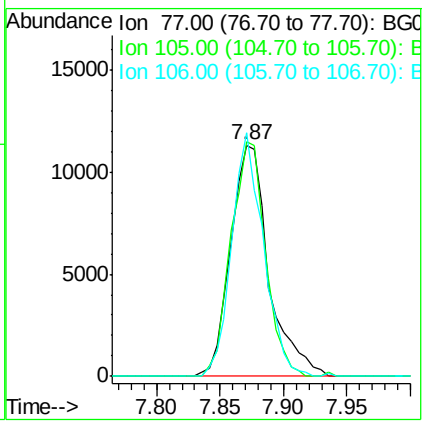


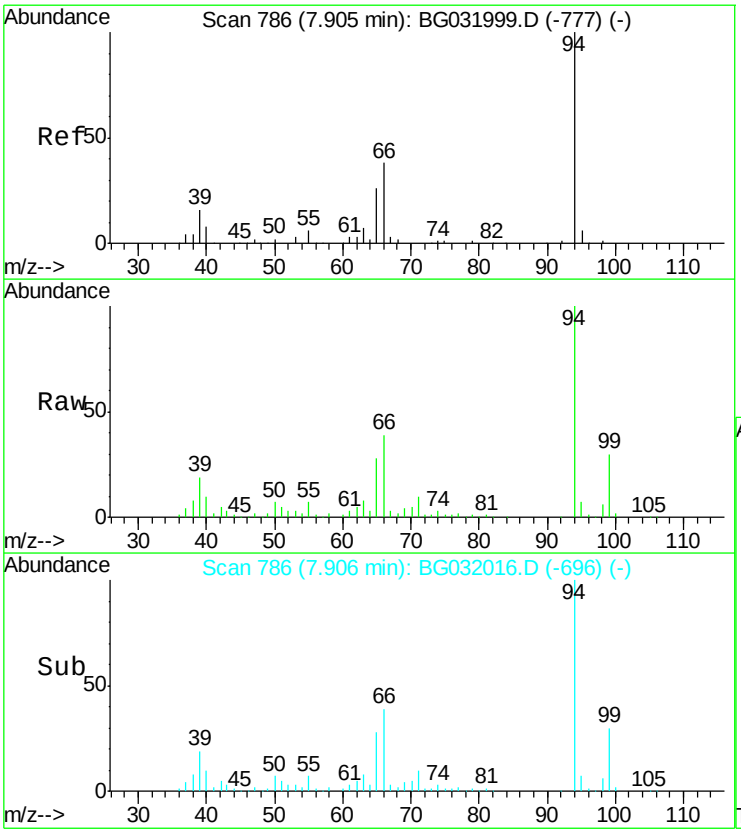
#9
Benzaldehyde
Concen: 10.509 ng
RT: 7.87 min Scan# 780
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion: 77 Resp: 23594

Ion	Ratio	Lower	Upper
77	100		
105	101.5	71.3	111.3
106	105.4	64.2	104.2#

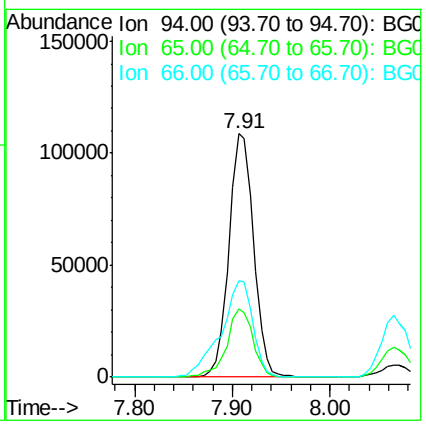


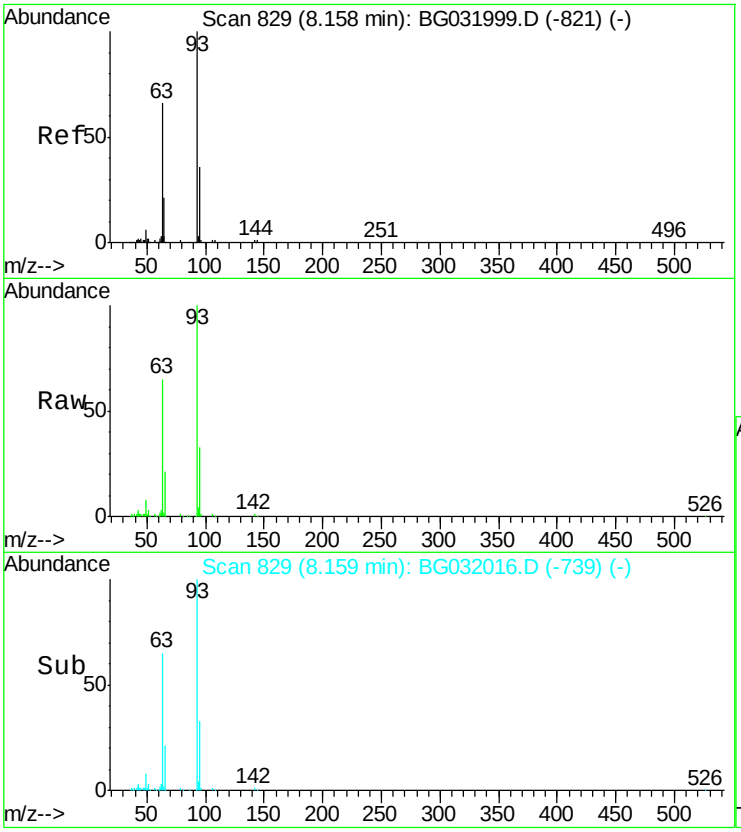


#10
Phenol
Concen: 49.945 ng
RT: 7.91 min Scan# 786
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion: 94 Resp: 190642

Ion	Ratio	Lower	Upper
94	100		
65	28.1	11.9	51.9
66	39.5	22.2	62.2



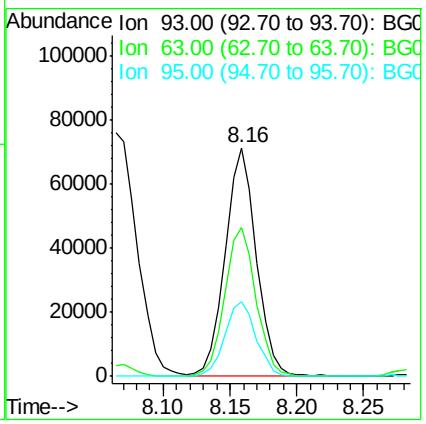


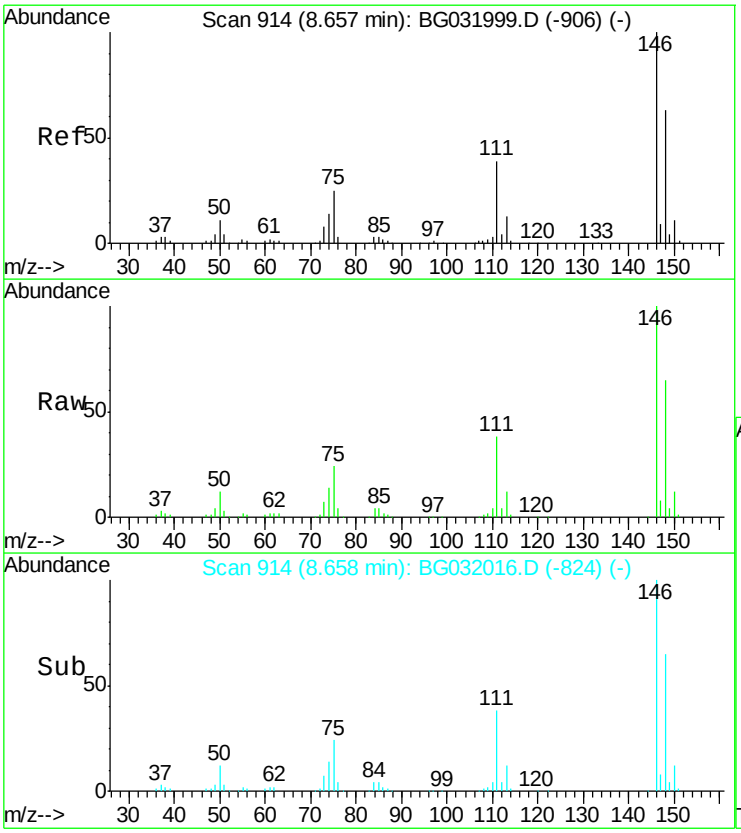
#11
bis(2-Chloroethyl)ether
Concen: 37.920 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion: 93 Resp: 115961

Ion	Ratio	Lower	Upper
93	100		
63	64.9	67.1	107.1#
95	32.7	11.5	51.5

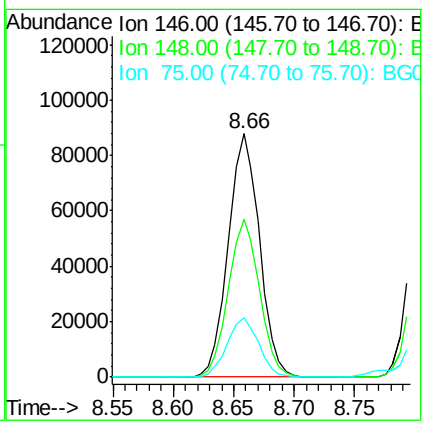


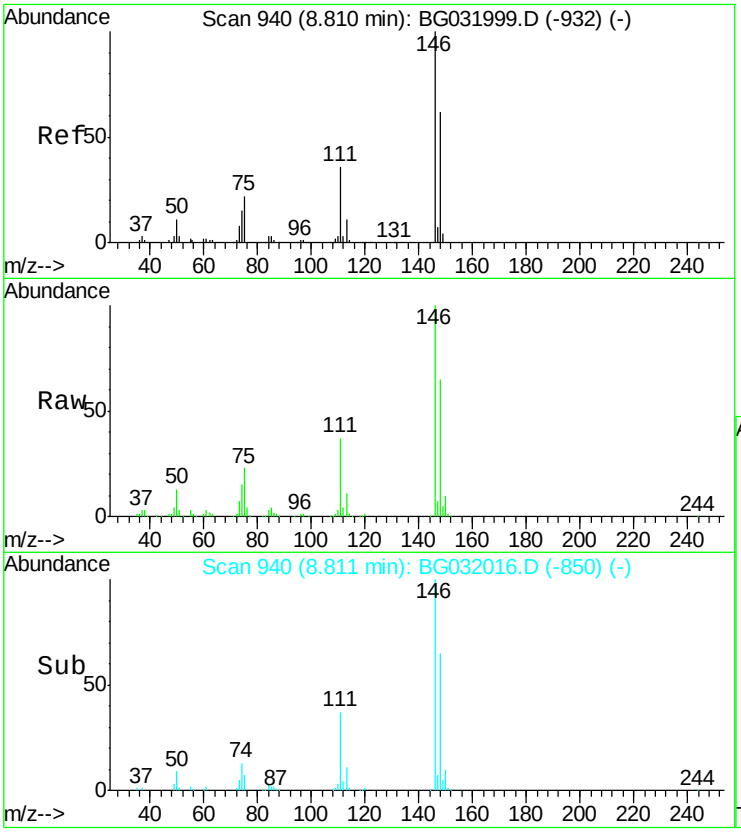


#12
1,3-Dichlorobenzene
Concen: 35.087 ng
RT: 8.66 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:146 Resp: 158097

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
75	24.4	26.6	39.8#



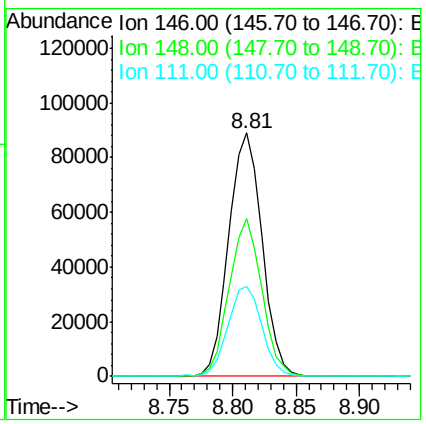


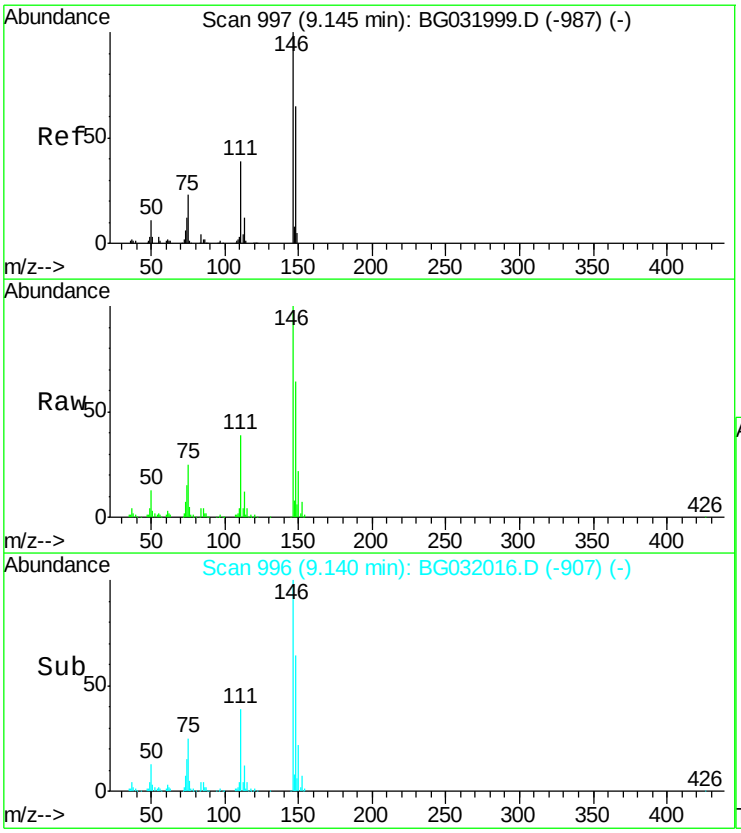
#13
1,4-Dichlorobenzene
Concen: 35.647 ng
RT: 8.81 min Scan# 940
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:146 Resp: 161722

Ion	Ratio	Lower	Upper
146	100		
148	65.1	53.7	80.5
111	37.2	35.2	52.8

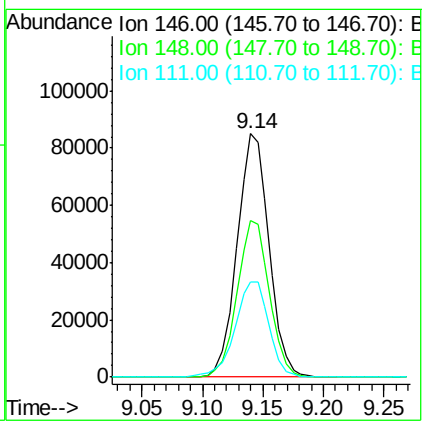


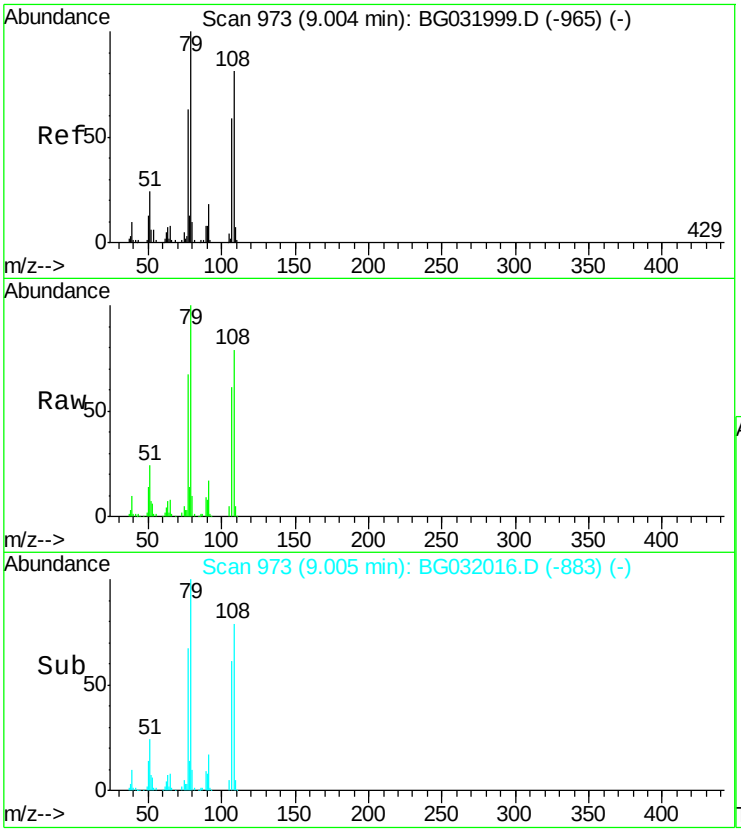


#14
1,2-Dichlorobenzene
Concen: 35.539 ng
RT: 9.14 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:146 Resp: 155946

Ion	Ratio	Lower	Upper
146	100		
148	64.2	49.3	73.9
111	39.0	34.3	51.5



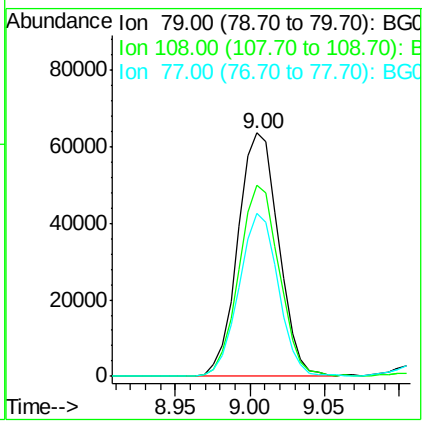


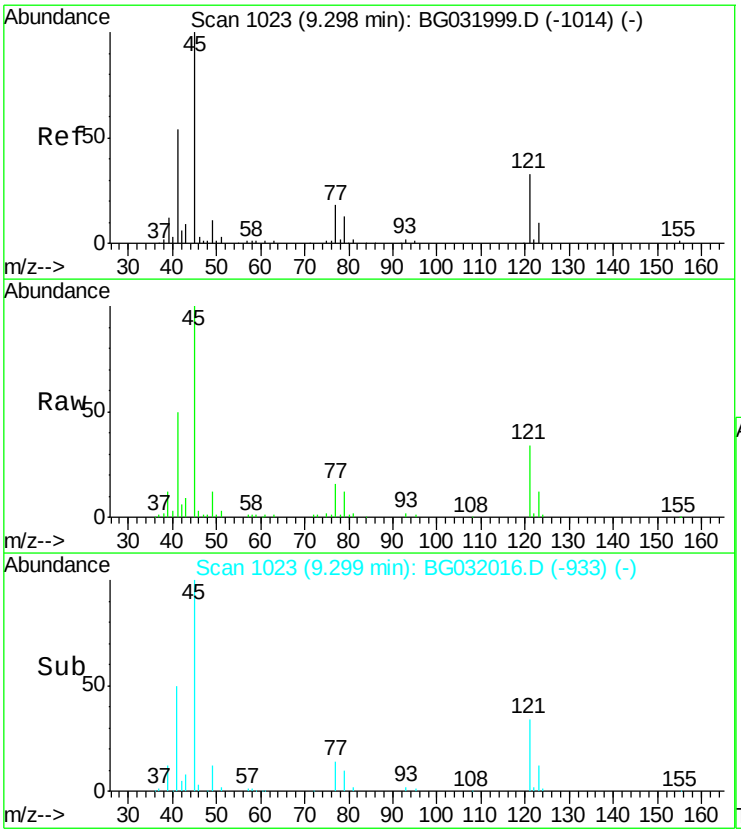
#15
Benzyl Alcohol
Concen: 42.579 ng
RT: 9.00 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion: 79 Resp: 119856

Ion	Ratio	Lower	Upper
79	100		
108	78.7	57.2	85.8
77	67.1	46.1	69.1

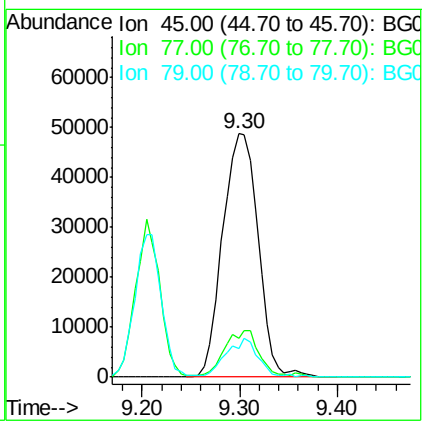


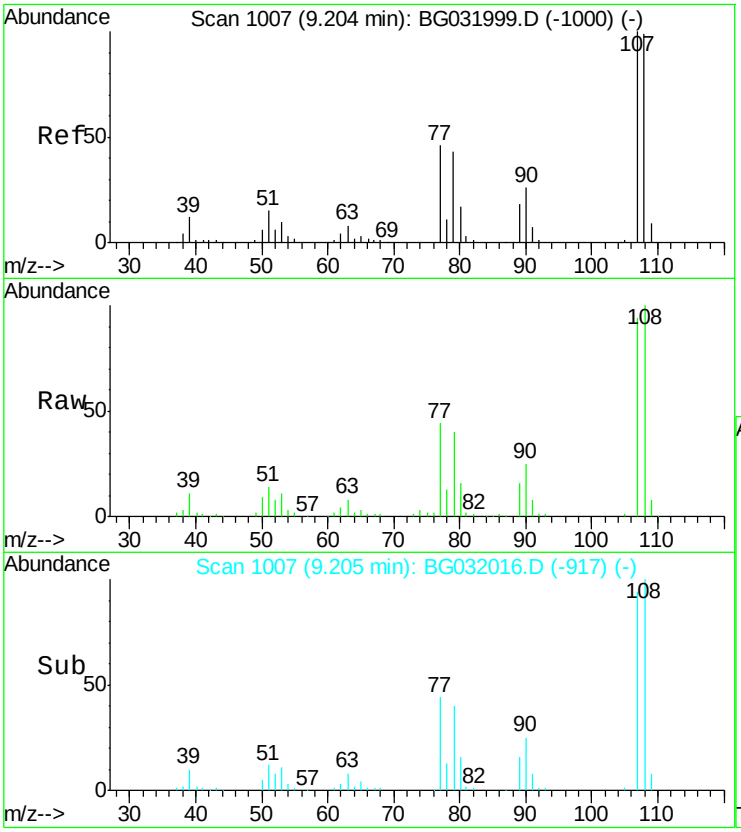


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.598 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion: 45 Resp: 123061

Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	30.2
79	11.5	0.0	27.9



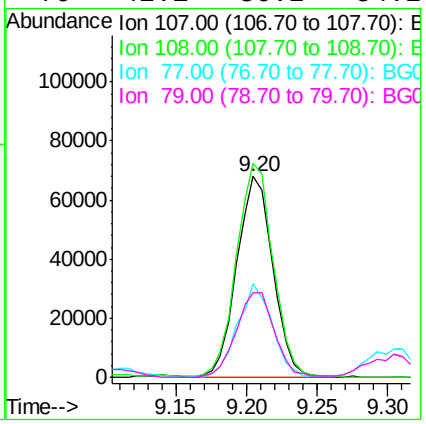


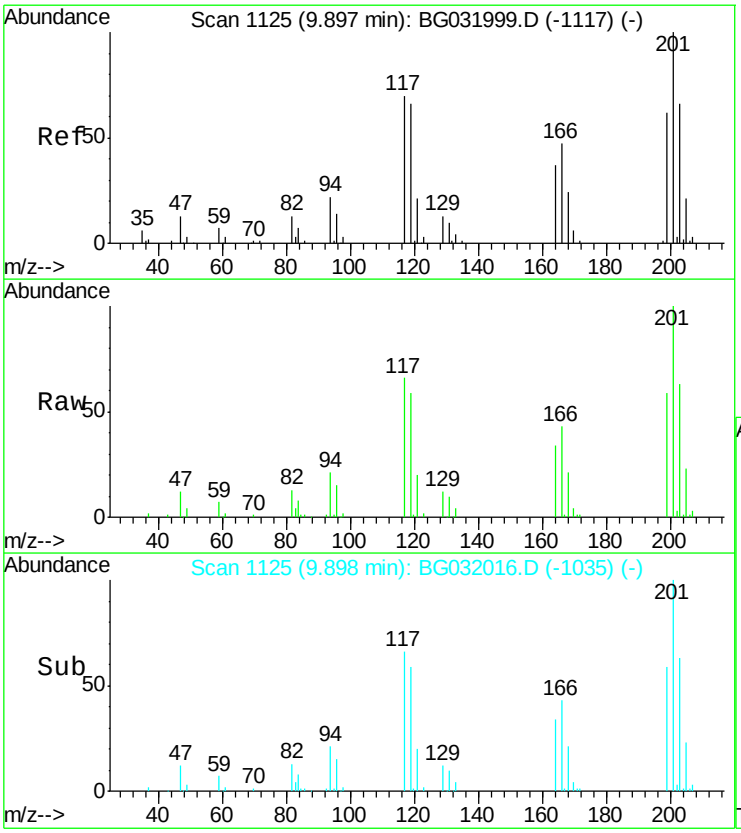
#17
2-Methylphenol
Concen: 41.835 ng
RT: 9.20 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:107 Resp: 122035

Ion	Ratio	Lower	Upper
107	100		
108	106.6	83.9	125.9
77	46.6	37.2	55.8
79	42.1	36.2	54.2

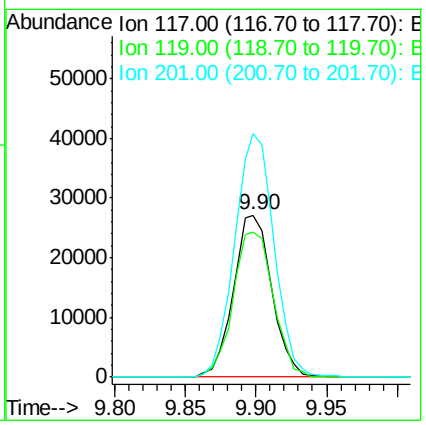


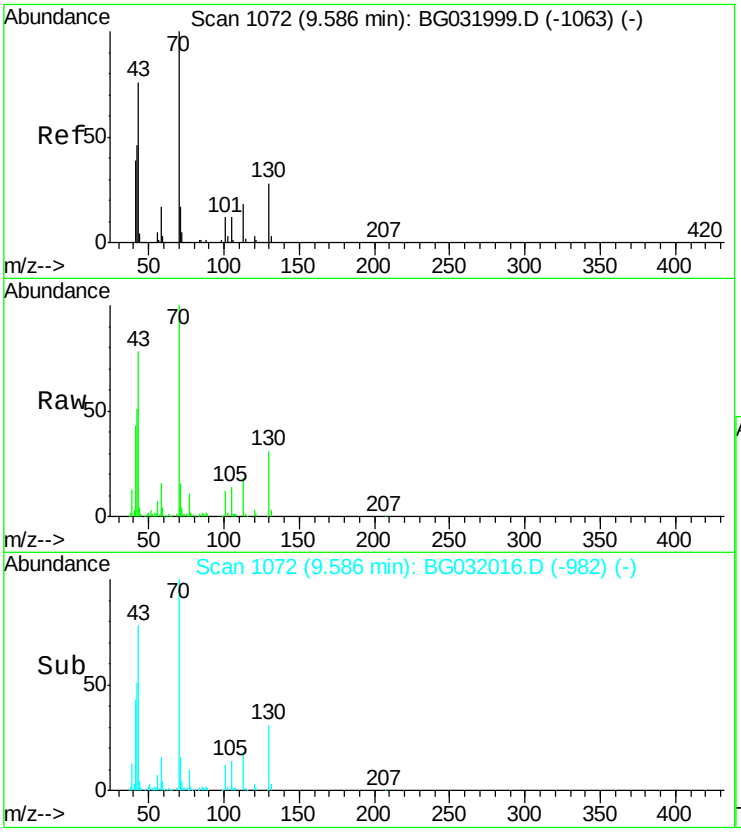


#18
Hexachloroethane
Concen: 36.916 ng
RT: 9.90 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:117 Resp: 51472

Ion	Ratio	Lower	Upper
117	100		
119	89.4	76.7	115.1
201	150.5	95.7	143.5#



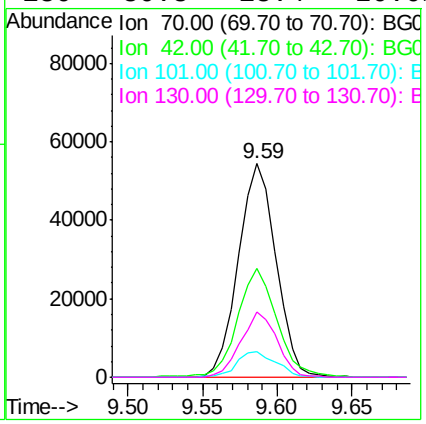


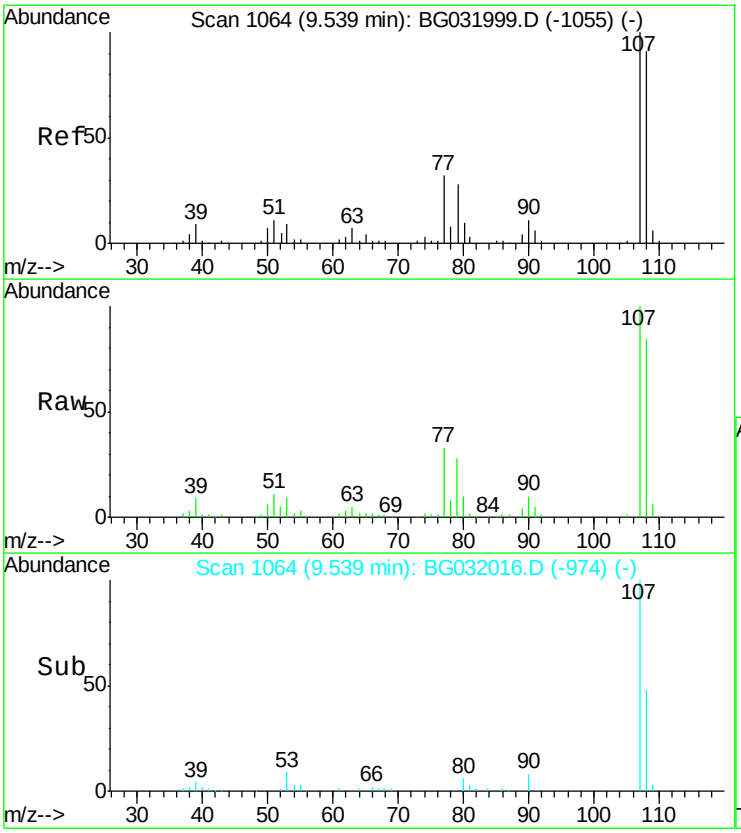
#19
n-Nitroso-di-n-propylamine
Concen: 39.450 ng
RT: 9.59 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion: 70 Resp: 94845

Ion	Ratio	Lower	Upper
70	100		
42	51.2	49.1	73.7
101	11.9	8.5	12.7
130	30.8	13.4	20.0#

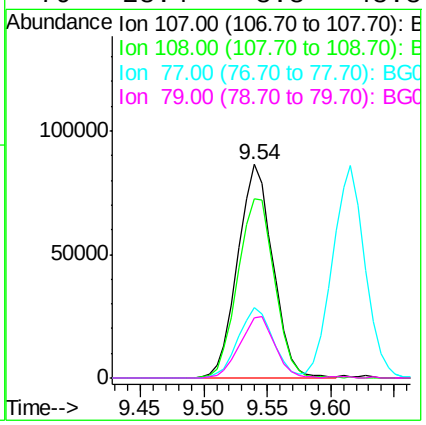


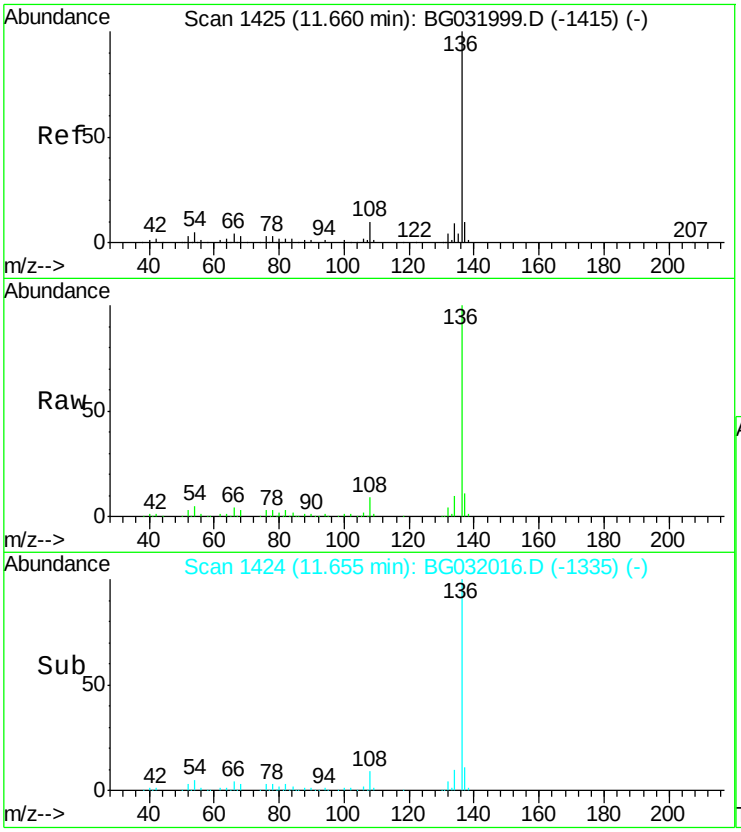


#20
3+4-Methylphenols
Concen: 41.211 ng
RT: 9.54 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:107 Resp: 166539

Ion	Ratio	Lower	Upper
107	100		
108	83.7	61.6	101.6
77	32.7	13.9	53.9
79	28.4	8.8	48.8



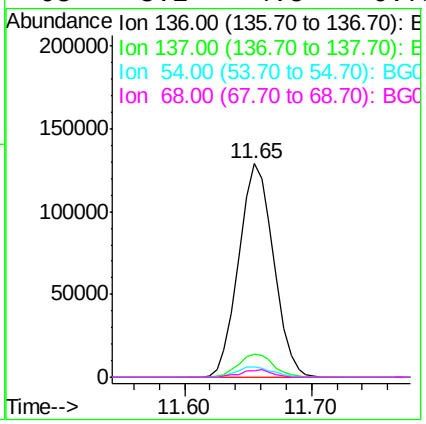


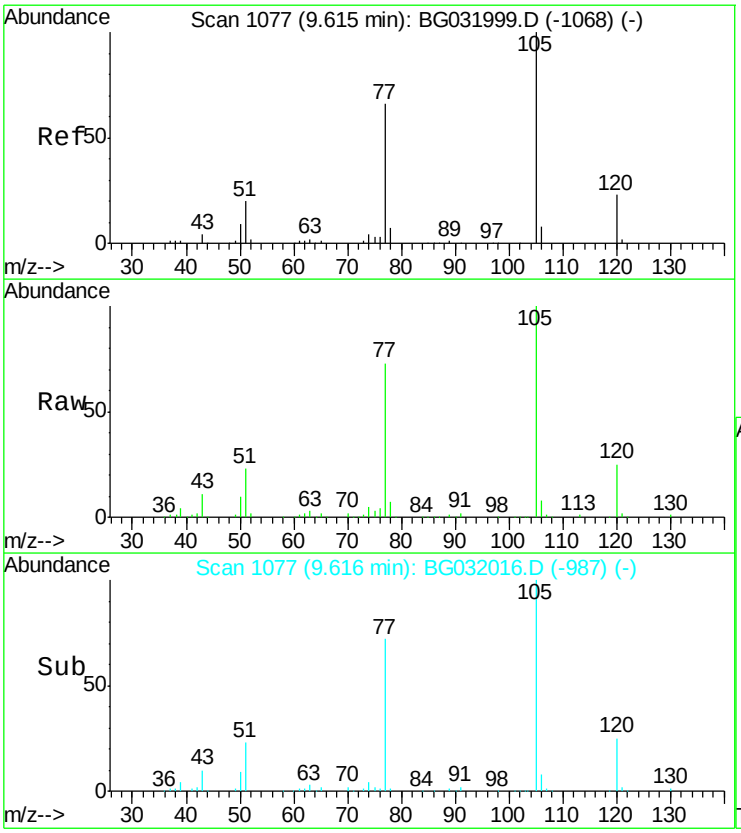
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:136 Resp: 246364

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	4.8	10.3	15.5#
68	3.2	4.5	6.7#

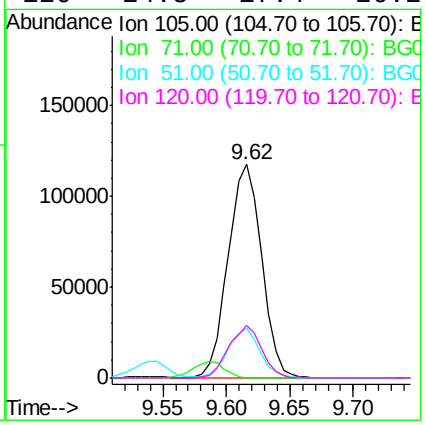


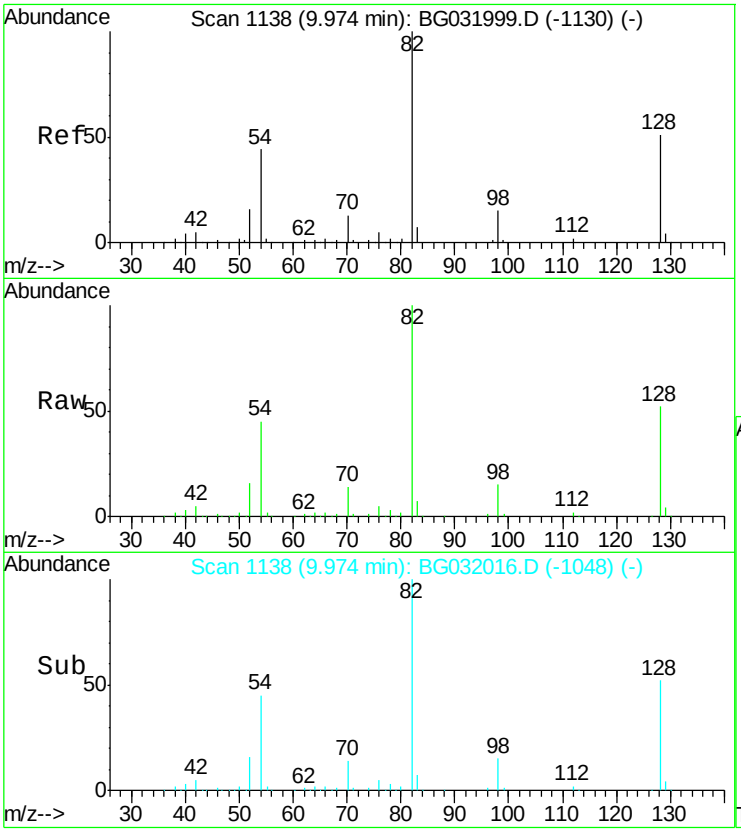


#22
Acetophenone
Concen: 38.550 ng
RT: 9.62 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:105 Resp: 215733

Ion	Ratio	Lower	Upper
105	100		
71	0.3	3.0	4.4#
51	23.2	26.1	39.1#
120	24.5	17.4	26.2



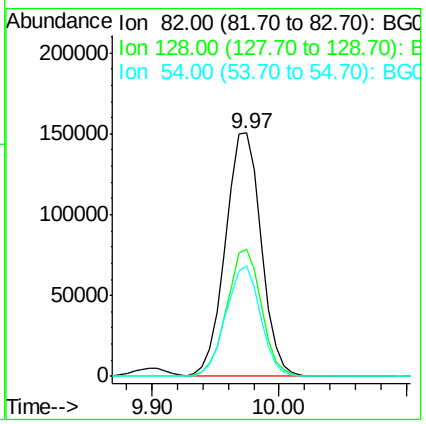


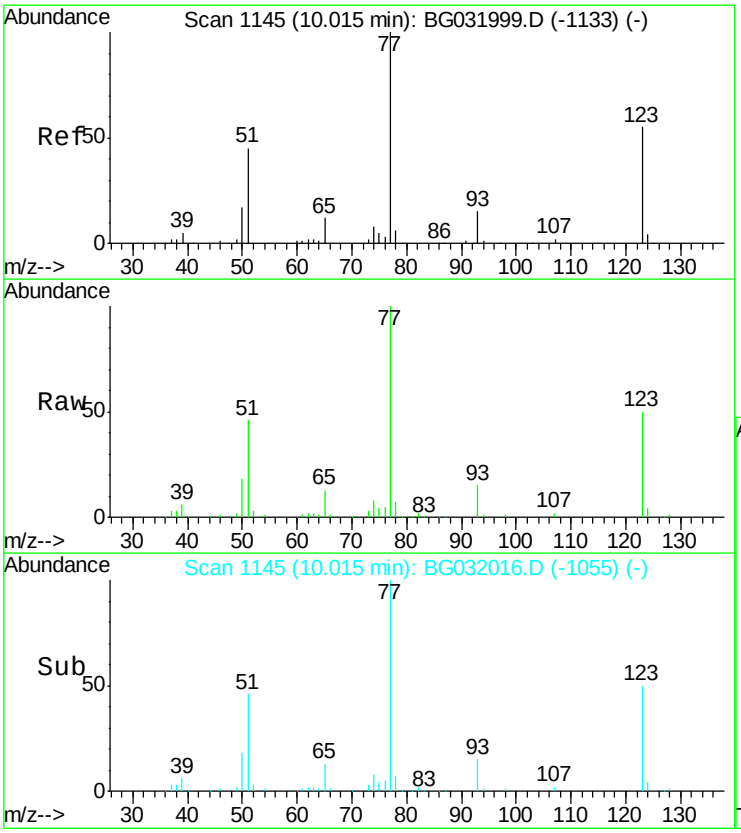
#23
Nitrobenzene-d5
Concen: 80.639 ng
RT: 9.97 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion: 82 Resp: 293648

Ion	Ratio	Lower	Upper
82	100		
128	52.4	29.7	44.5#
54	45.2	43.1	64.7

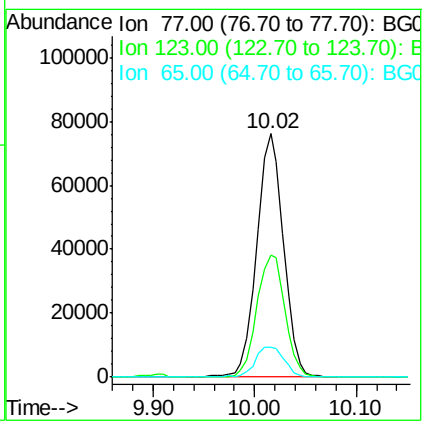


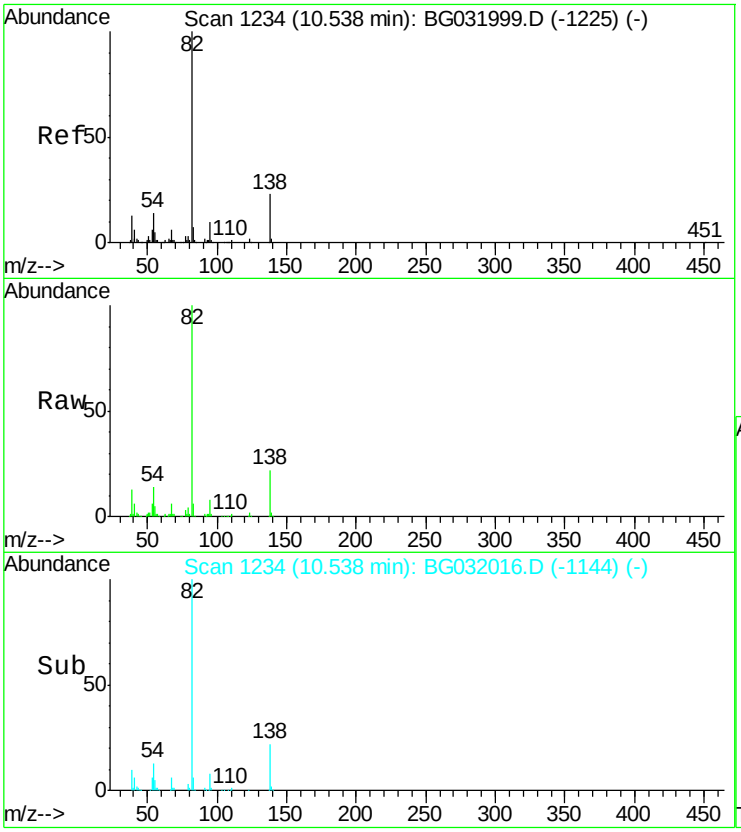


#24
Nitrobenzene
Concen: 38.296 ng
RT: 10.02 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion: 77 Resp: 139105

Ion	Ratio	Lower	Upper
77	100		
123	49.9	33.0	49.6#
65	12.5	13.0	19.6#



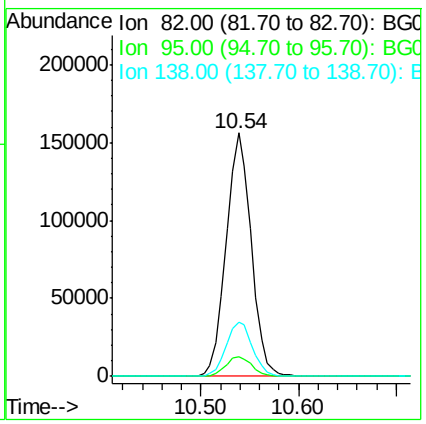


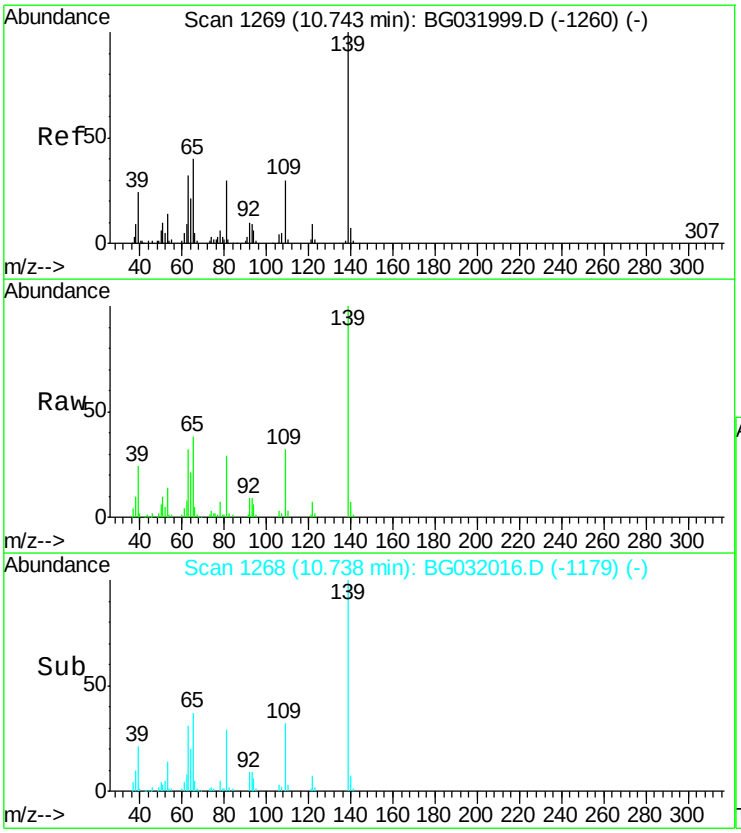
#25
Isophorone
Concen: 40.947 ng
RT: 10.54 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion: 82 Resp: 277646

Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.2	9.2
138	22.1	12.1	18.1#

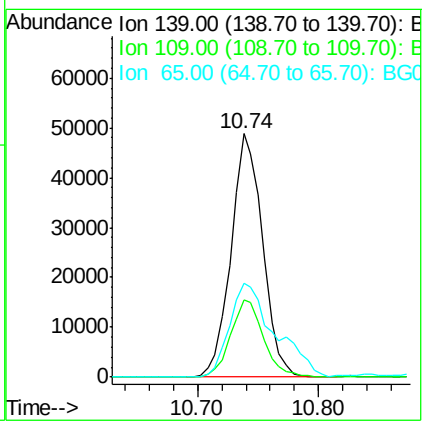


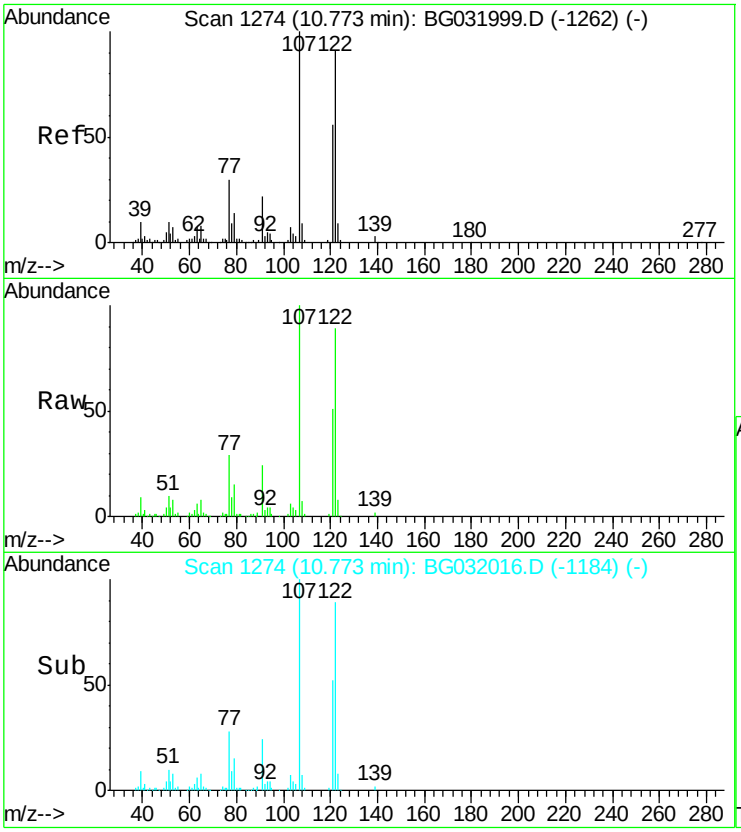


#26
2-Nitrophenol
Concen: 41.151 ng
RT: 10.74 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:139 Resp: 88569

Ion	Ratio	Lower	Upper
139	100		
109	31.6	24.2	36.2
65	38.3	47.4	71.0#



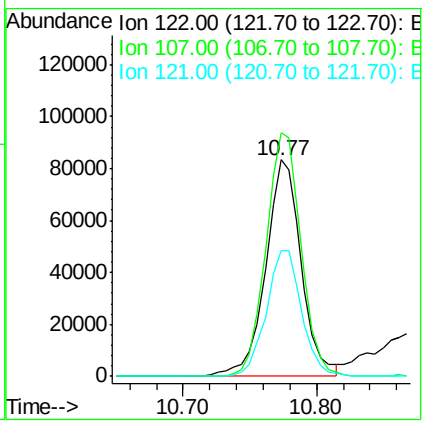


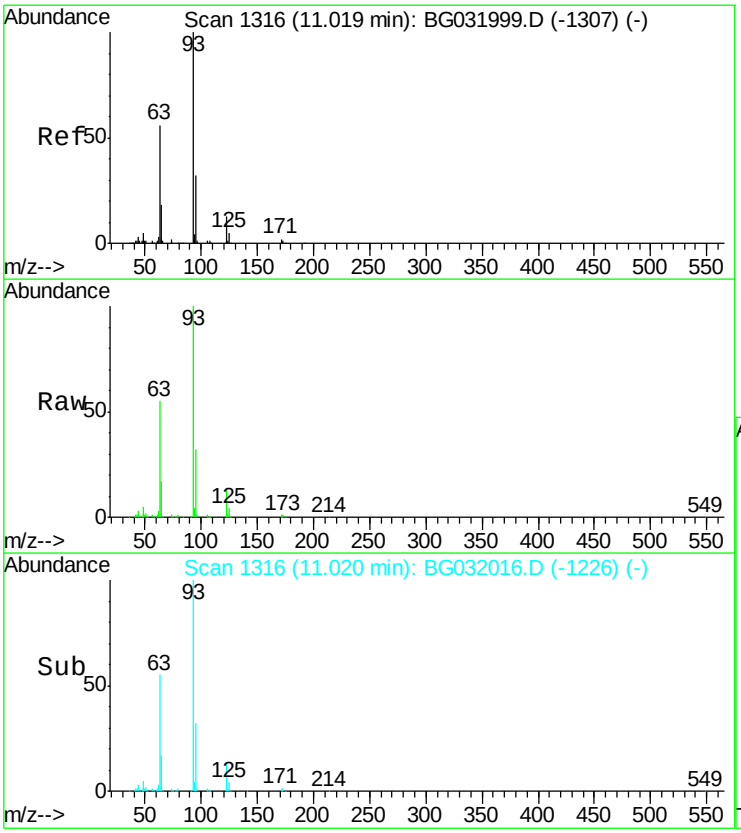
#27
2,4-Dimethylphenol
Concen: 45.228 ng
RT: 10.77 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:122 Resp: 154472

Ion	Ratio	Lower	Upper
122	100		
107	112.6	100.2	150.2
121	58.0	44.4	66.6

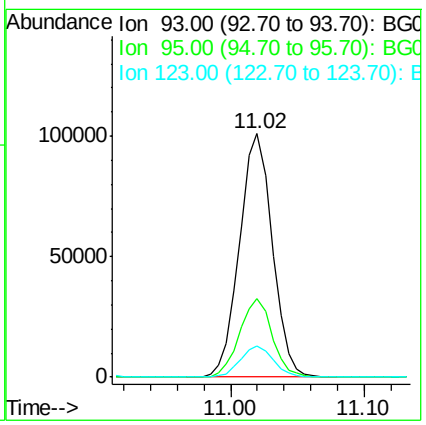


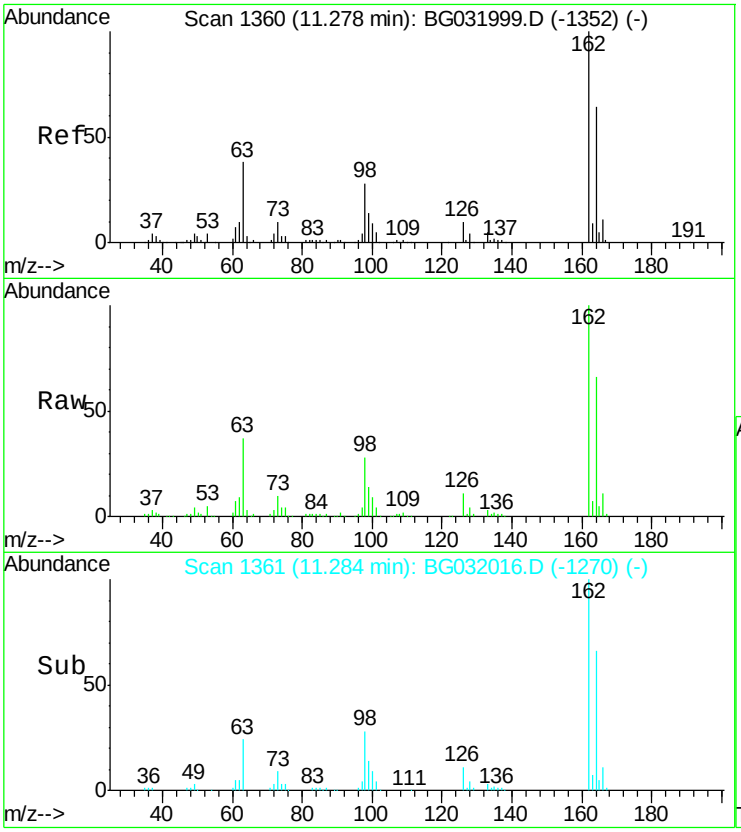


#28
bis(2-Chloroethoxy)methane
Concen: 42.011 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion: 93 Resp: 171628

Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.3	36.5
123	12.7	8.4	12.6#



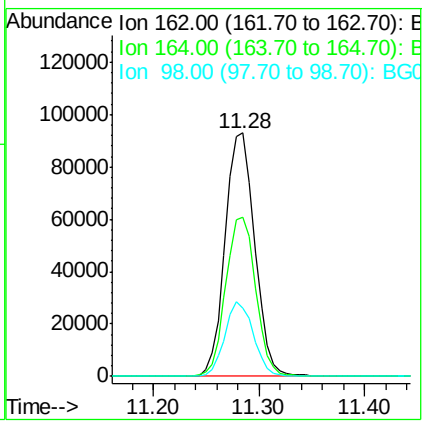


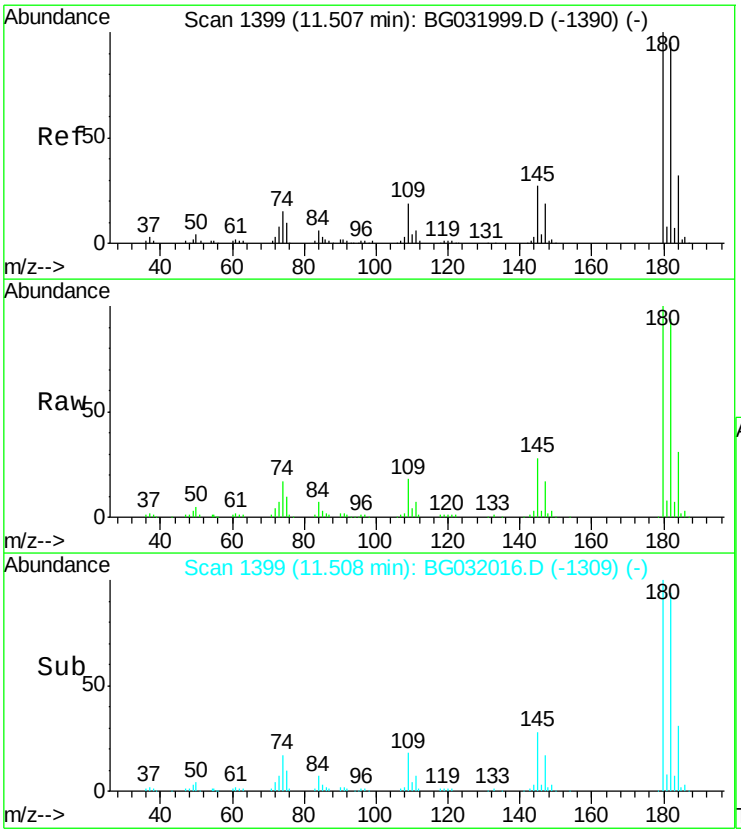
#29
2,4-Dichlorophenol
Concen: 42.721 ng
RT: 11.28 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:162 Resp: 179541

Ion	Ratio	Lower	Upper
162	100		
164	65.6	48.0	88.0
98	27.9	21.1	61.1

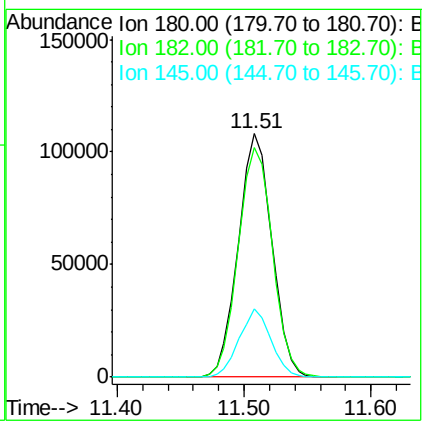


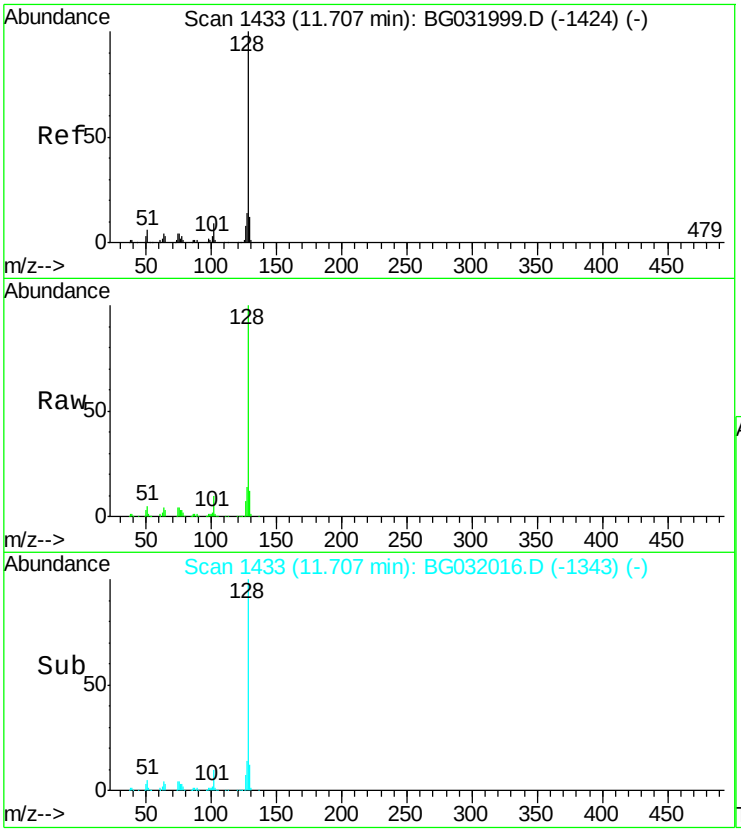


#30
1,2,4-Trichlorobenzene
Concen: 36.766 ng
RT: 11.51 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:180 Resp: 199551

Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.5	116.3
145	27.8	23.4	35.2



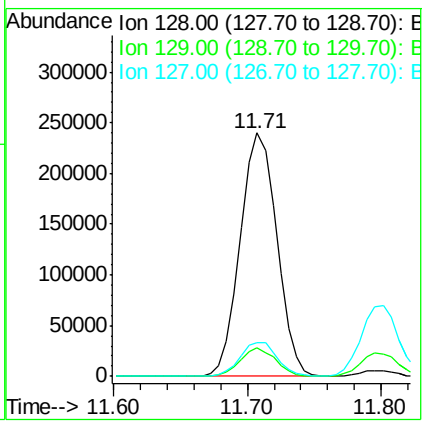


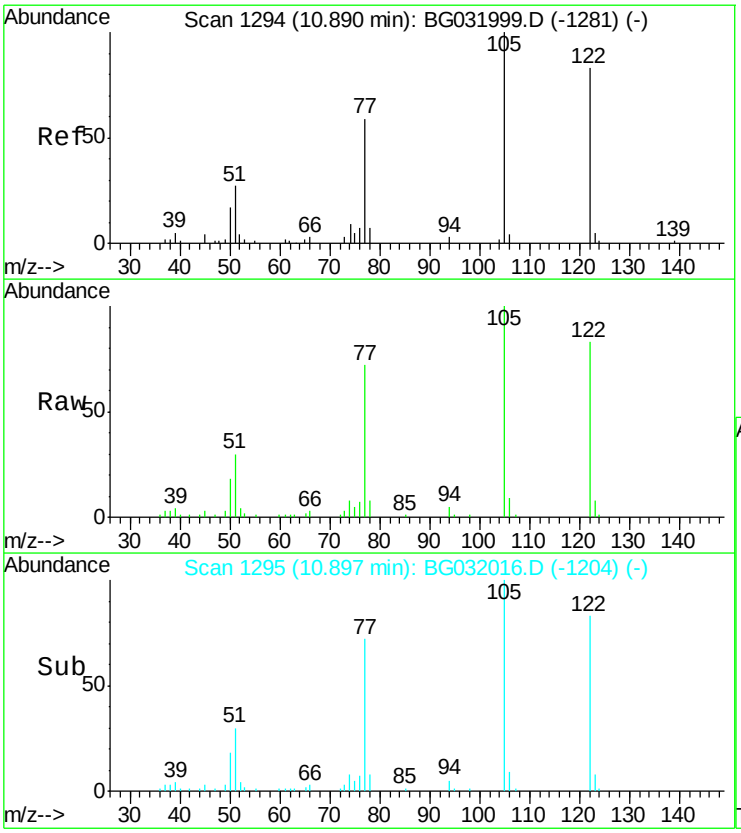
#31
Naphthalene
Concen: 37.528 ng
RT: 11.71 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:128 Resp: 458001

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.1	11.6	17.4

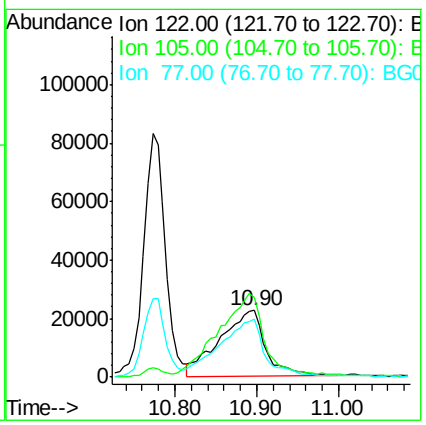


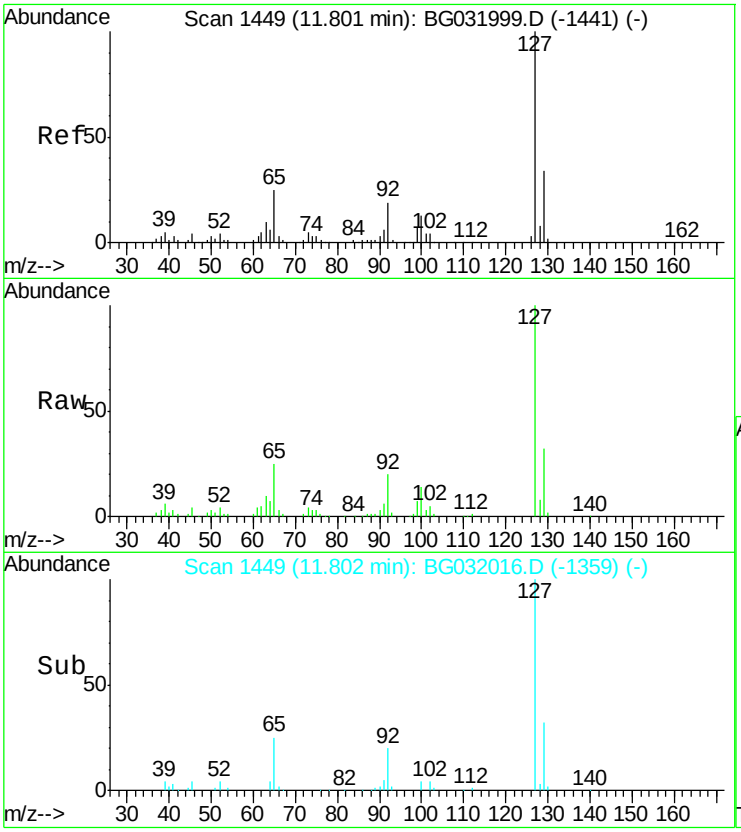


#32
Benzoic acid
Concen: 33.762 ng
RT: 10.90 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:122 Resp: 87706

Ion	Ratio	Lower	Upper
122	100		
105	120.3	123.5	163.5#
77	86.5	85.7	125.7



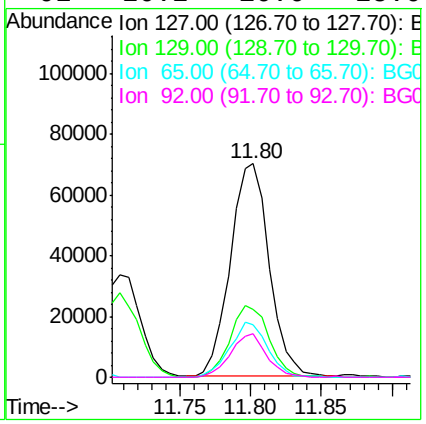


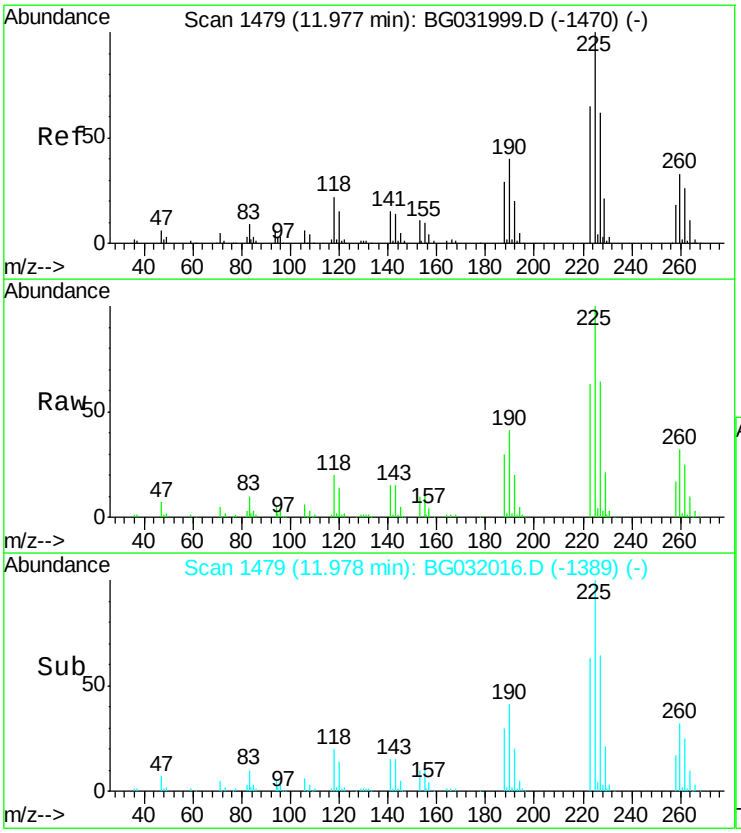
#33
4-Chloroaniline
Concen: 25.776 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:127 Resp: 134896

Ion	Ratio	Lower	Upper
127	100		
129	32.0	24.0	36.0
65	24.9	27.0	40.4#
92	20.2	16.6	25.0

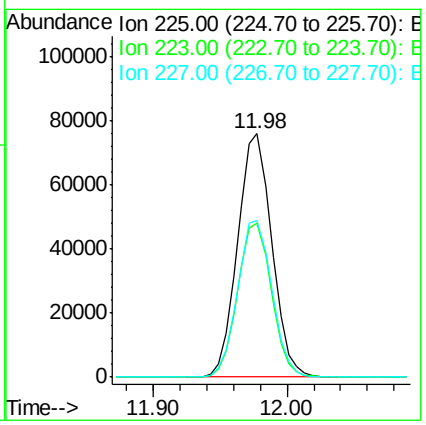


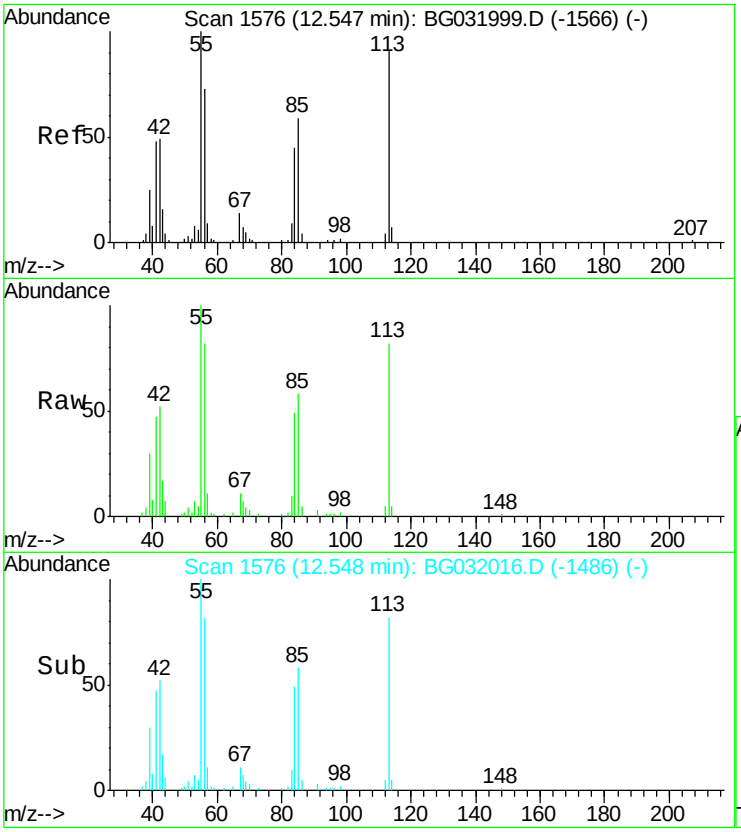


#34
Hexachlorobutadiene
Concen: 34.552 ng
RT: 11.98 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:225 Resp: 134694

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.7	74.5
227	64.2	48.1	72.1



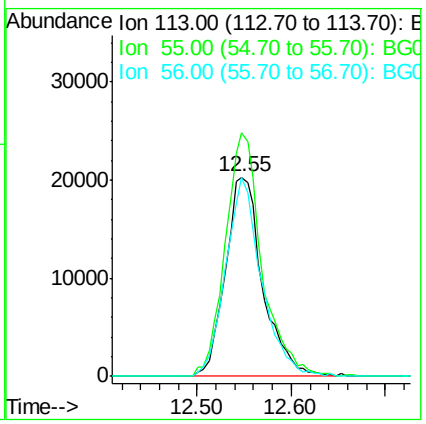


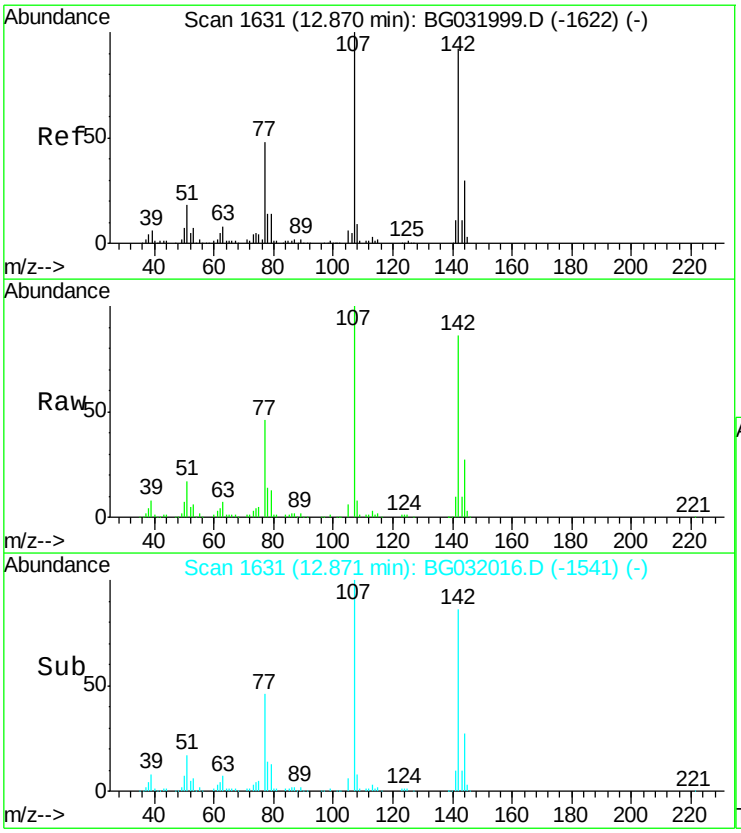
#35
Caprolactam
Concen: 43.622 ng
RT: 12.55 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:113 Resp: 55616

Ion	Ratio	Lower	Upper
113	100		
55	122.5	186.9	226.9#
56	100.0	130.9	170.9#

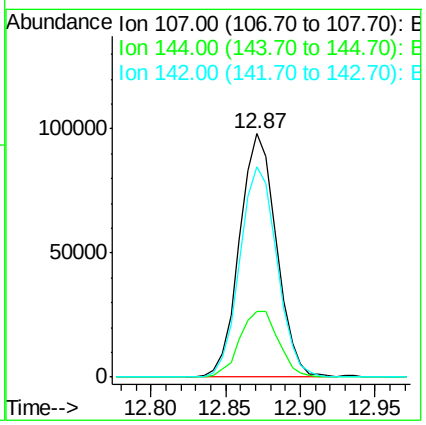


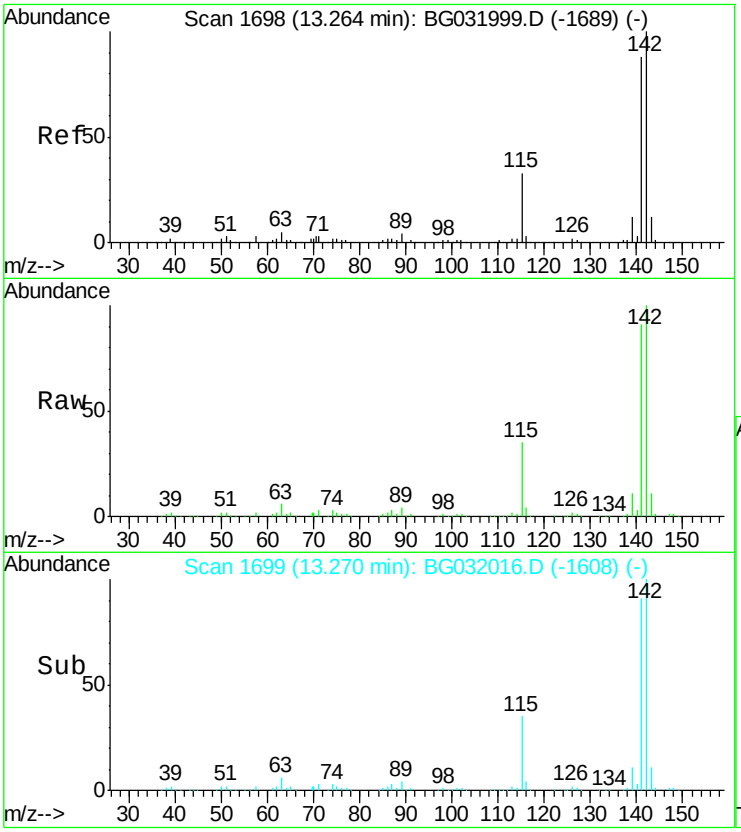


#36
4-Chloro-3-methylphenol
Concen: 43.546 ng
RT: 12.87 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:107 Resp: 167508

Ion	Ratio	Lower	Upper
107	100		
144	27.0	18.2	27.4
142	86.3	59.0	88.4



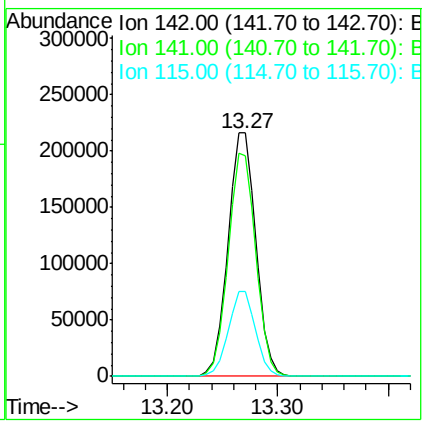


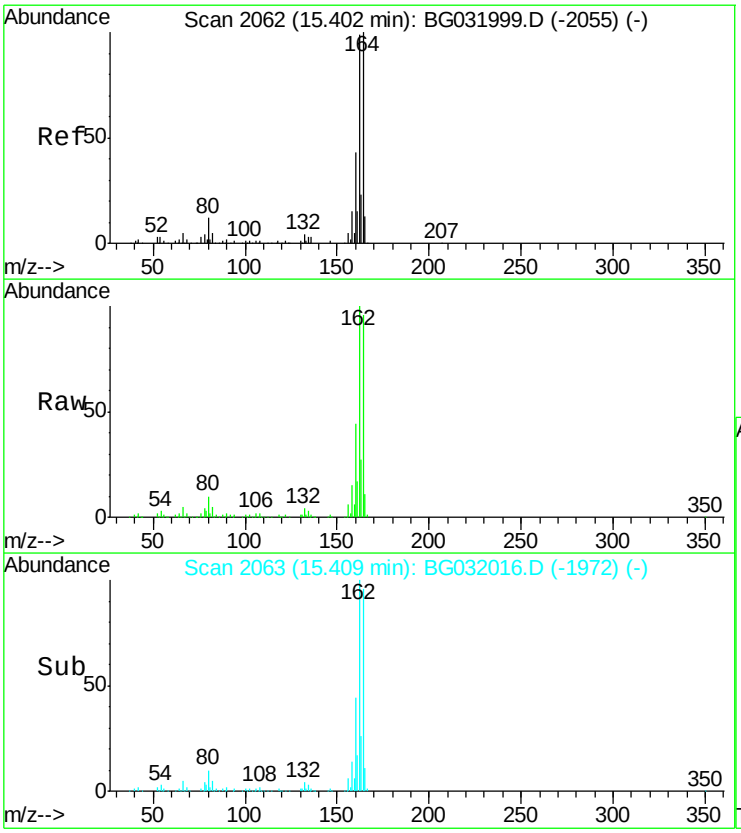
#37
2-Methylnaphthalene
Concen: 39.484 ng
RT: 13.27 min Scan# 1699
Delta R.T. 0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:142 Resp: 382570

Ion	Ratio	Lower	Upper
142	100		
141	90.6	67.1	100.7
115	34.8	30.7	46.1

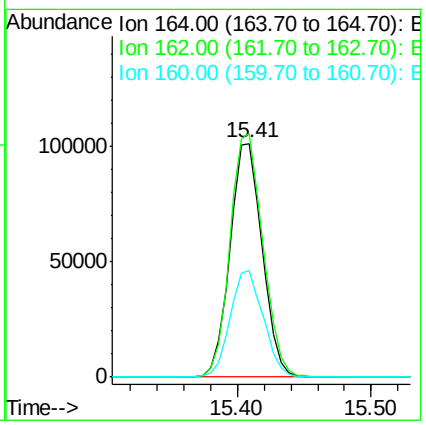


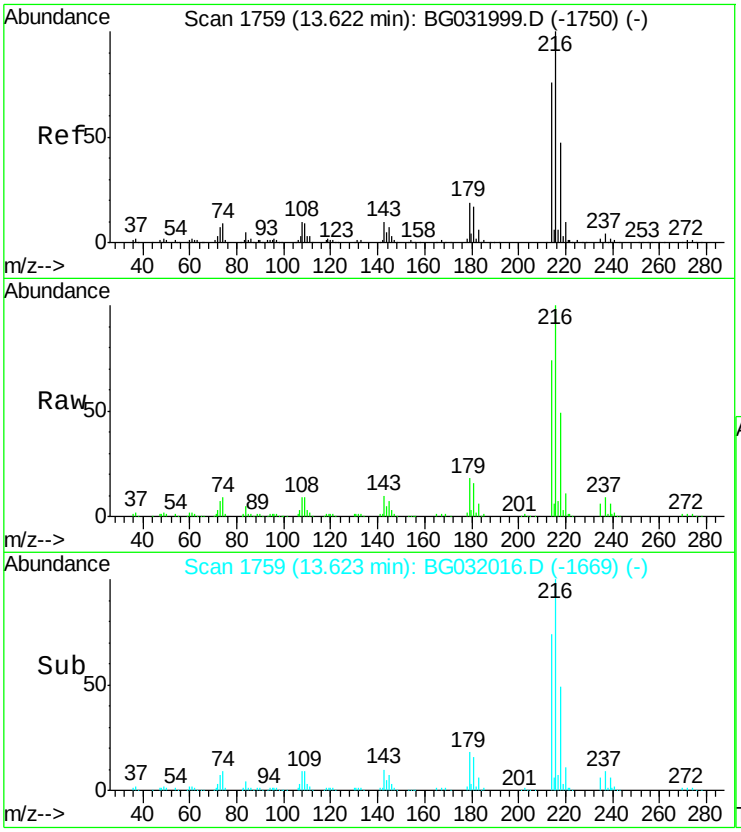


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2063
Delta R.T. 0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:164 Resp: 169997

Ion	Ratio	Lower	Upper
164	100		
162	104.2	78.8	118.2
160	45.9	35.4	53.0



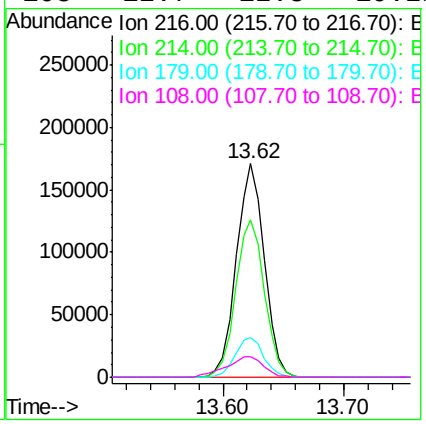


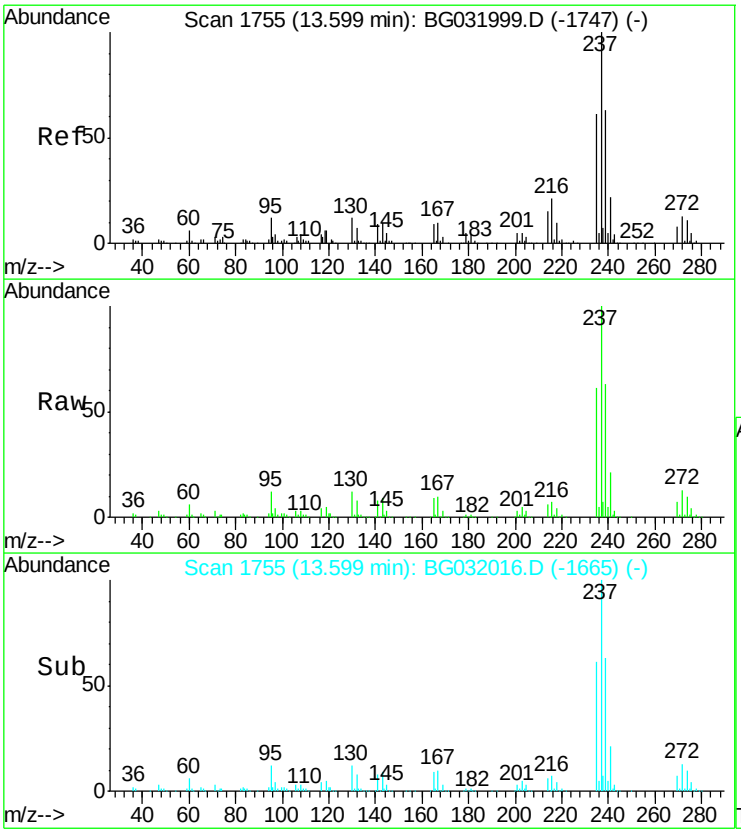
#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.251 ng
RT: 13.62 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:216 Resp: 276039

Ion	Ratio	Lower	Upper
216	100		
214	75.6	63.0	94.4
179	18.9	17.0	25.6
108	12.7	12.8	19.2#

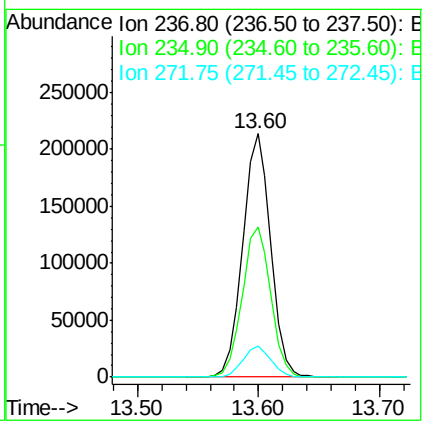


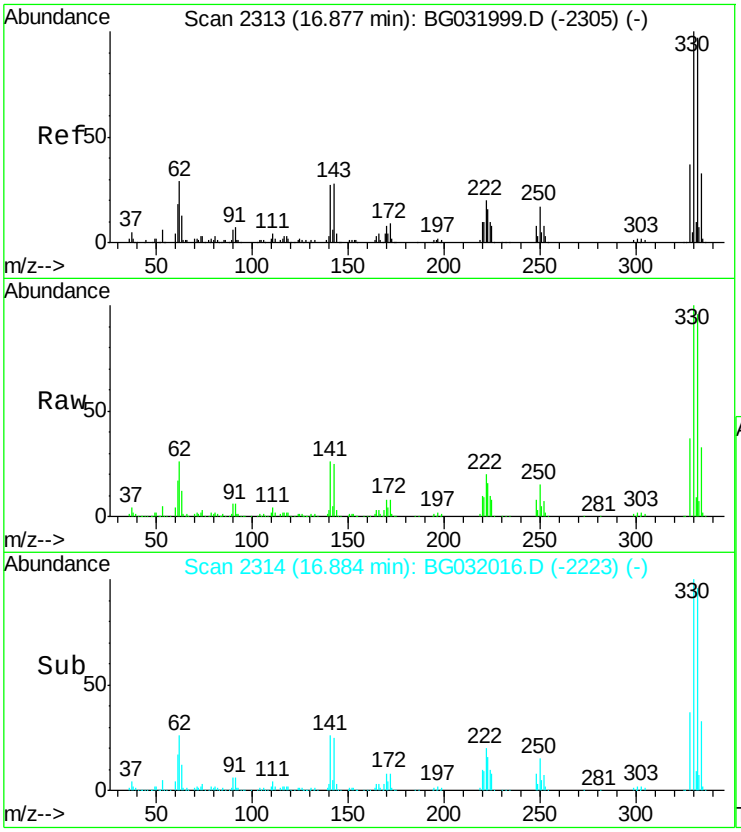


#40
Hexachlorocyclopentadiene
Concen: 82.314 ng
RT: 13.60 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:237 Resp: 343551

Ion	Ratio	Lower	Upper
237	100		
235	61.5	50.4	90.4
272	13.0	0.0	31.8



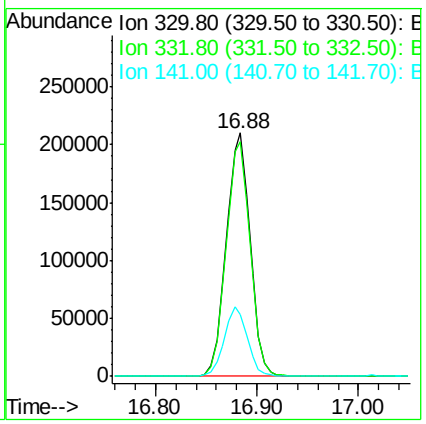


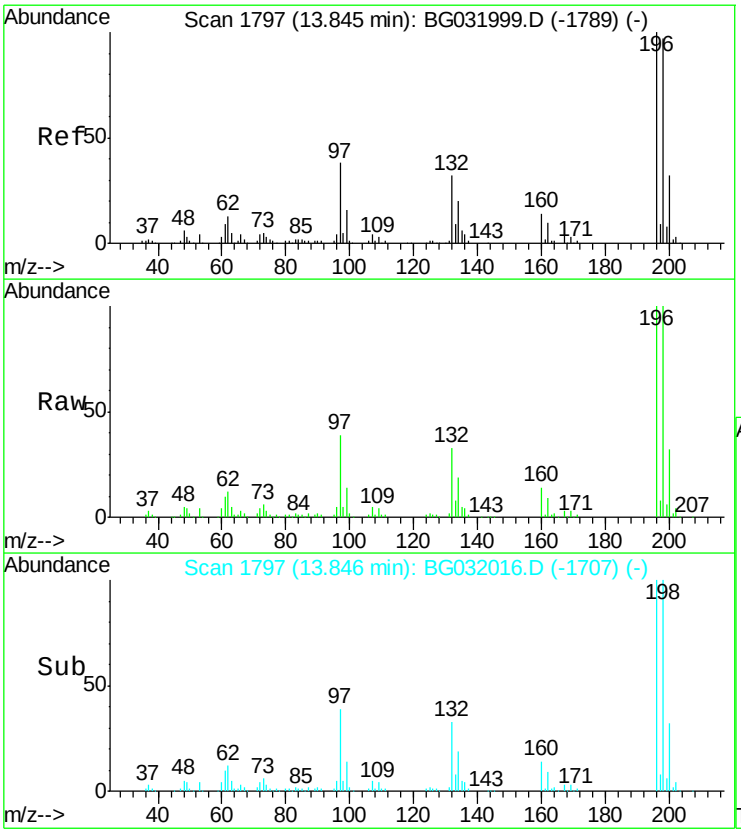
#41
2,4,6-Tribromophenol
Concen: 121.860 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:330 Resp: 342799

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	27.6	25.2	37.8

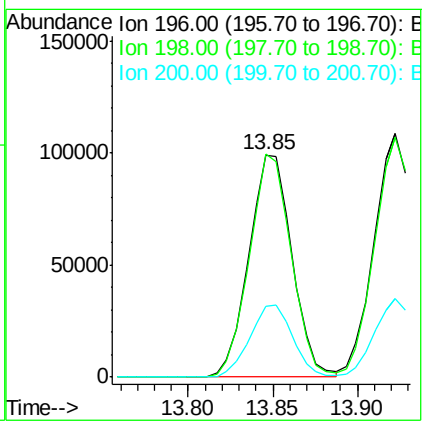


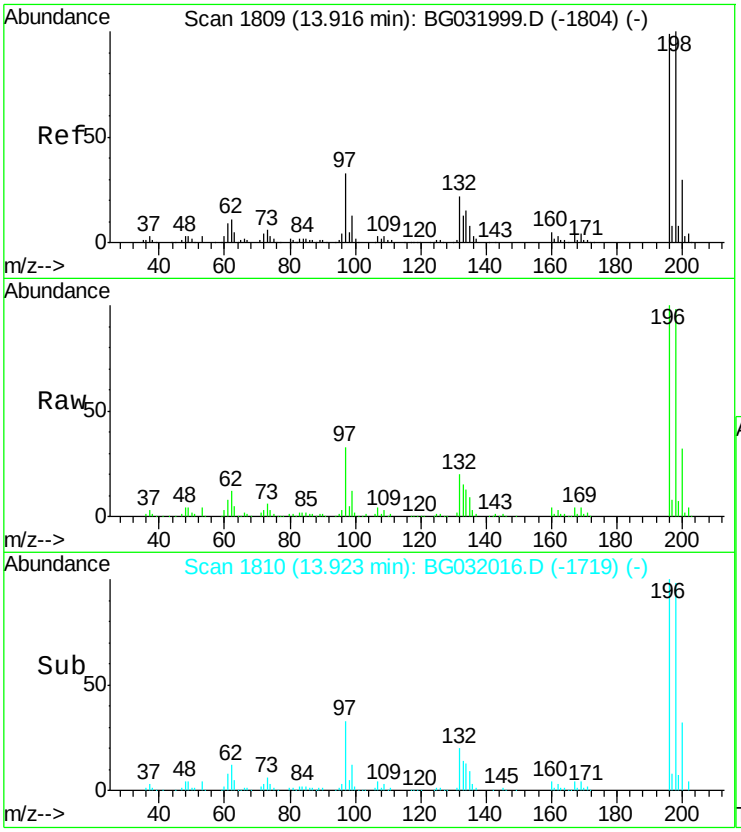


#42
2,4,6-Trichlorophenol
Concen: 41.997 ng
RT: 13.85 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:196 Resp: 174858

Ion	Ratio	Lower	Upper
196	100		
198	100.4	78.2	117.2
200	31.9	24.6	36.8



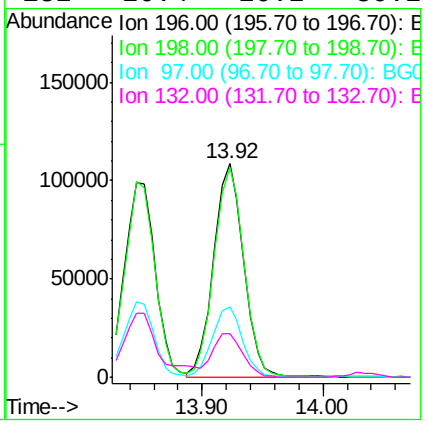


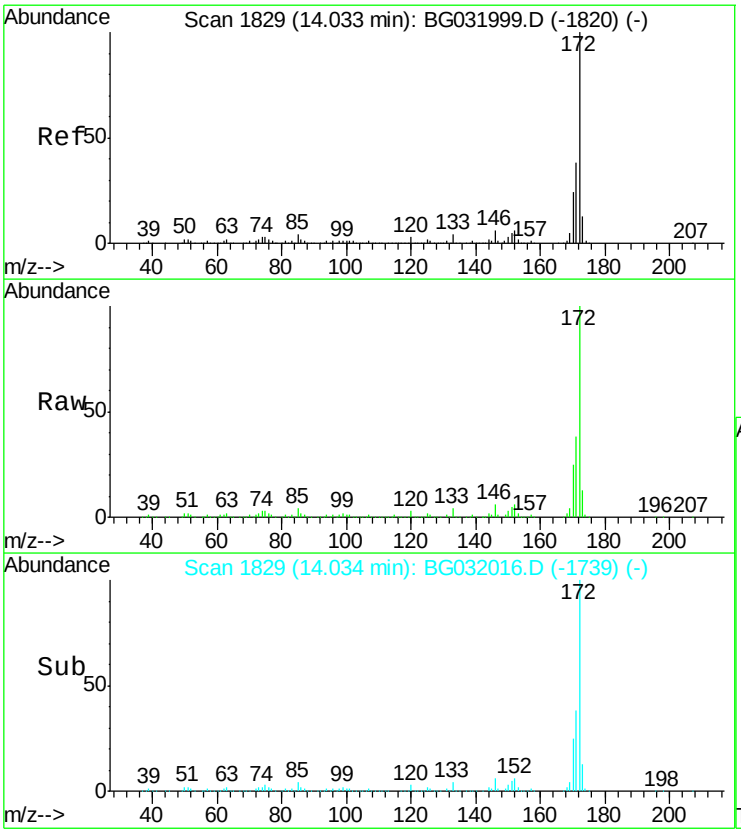
#43
2,4,5-Trichlorophenol
Concen: 38.469 ng
RT: 13.92 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:196 Resp: 185396

Ion	Ratio	Lower	Upper
196	100		
198	98.3	76.2	114.4
97	32.8	38.7	58.1#
132	20.4	20.2	30.2

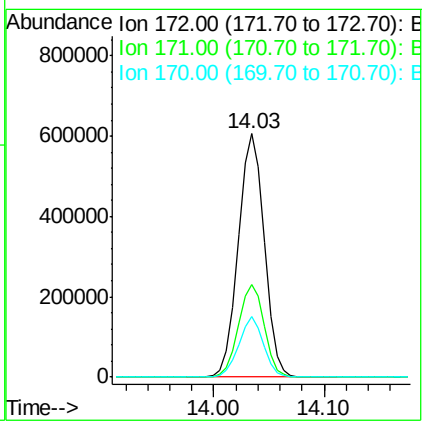


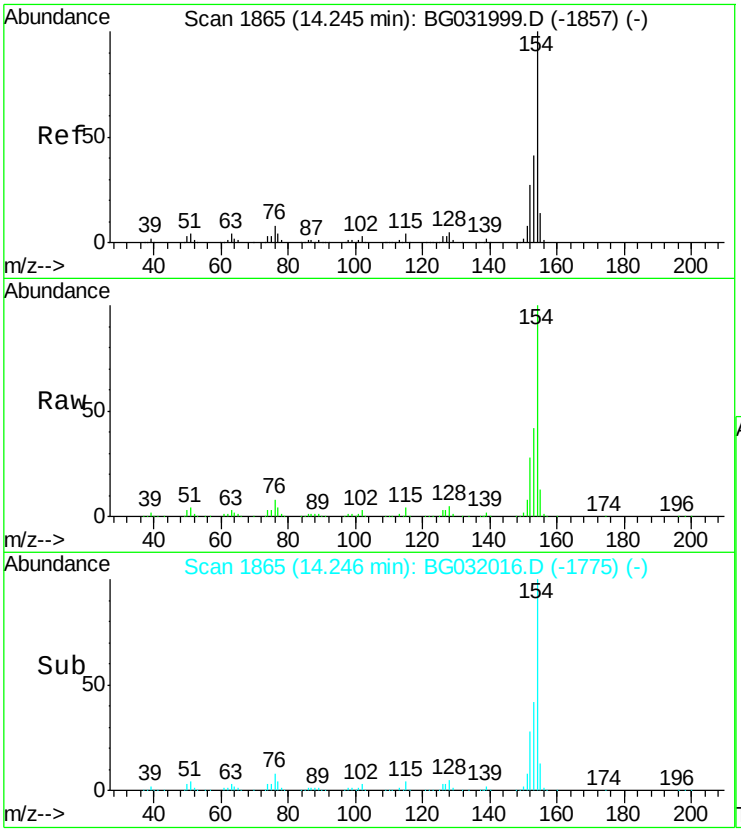


#44
2-Fluorobiphenyl
Concen: 73.031 ng
RT: 14.03 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:172 Resp: 1001258

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.7	19.5	29.3



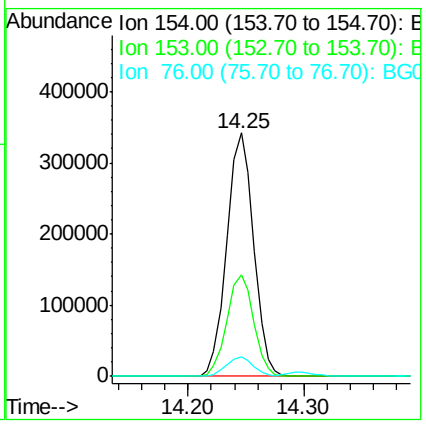


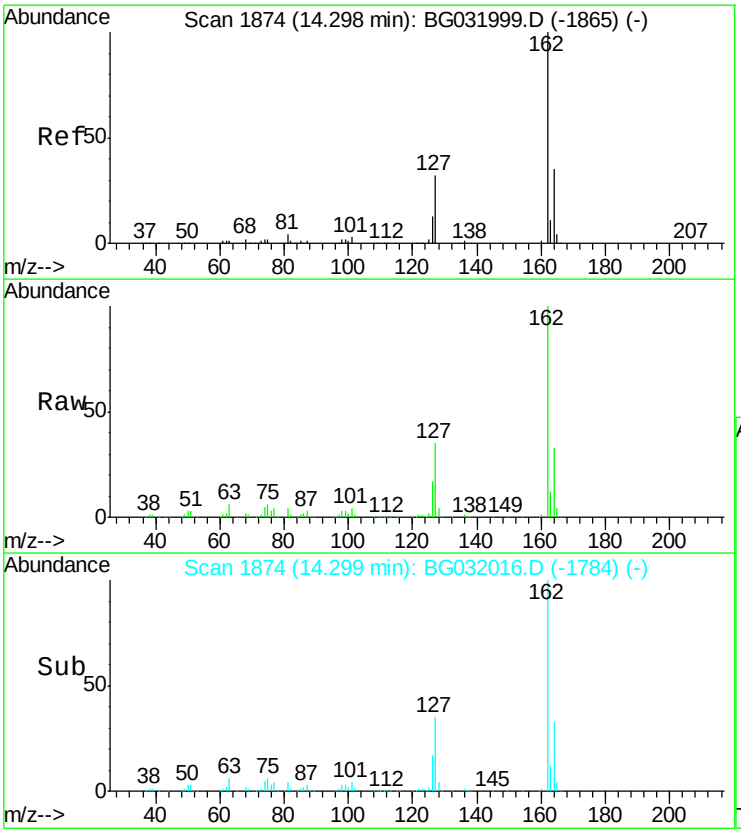
#45
1,1'-Biphenyl
Concen: 37.558 ng
RT: 14.25 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:154 Resp: 547345

Ion	Ratio	Lower	Upper
154	100		
153	41.9	19.8	59.8
76	8.0	0.0	31.9

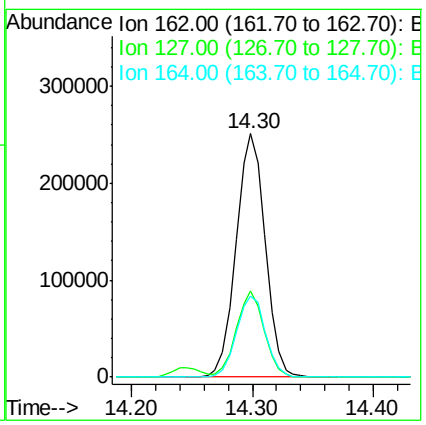


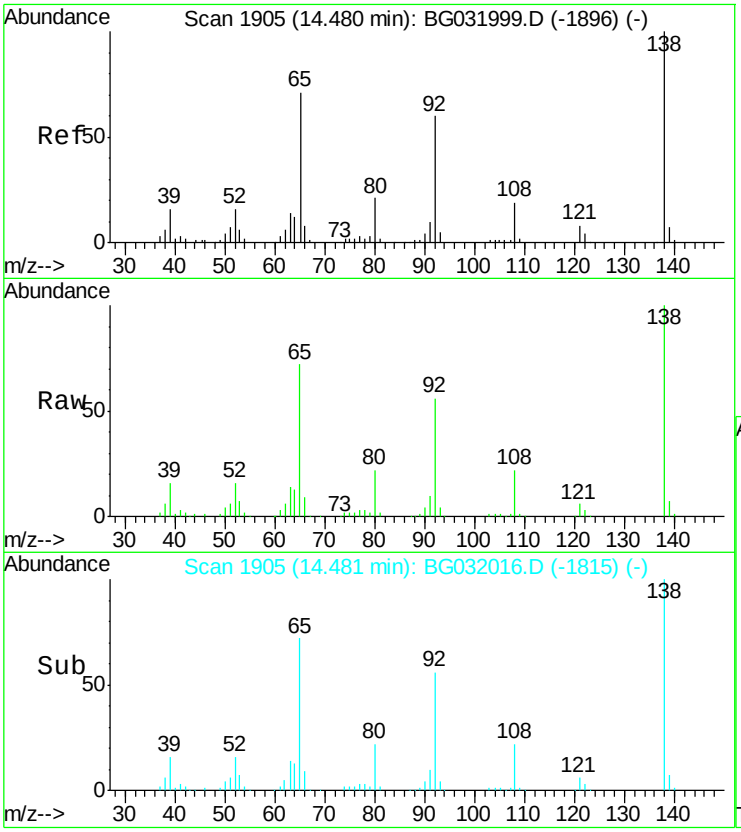


#46
2-Chloronaphthalene
Concen: 37.096 ng
RT: 14.30 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:162 Resp: 420570

Ion	Ratio	Lower	Upper
162	100		
127	35.3	30.7	46.1
164	33.5	26.0	39.0



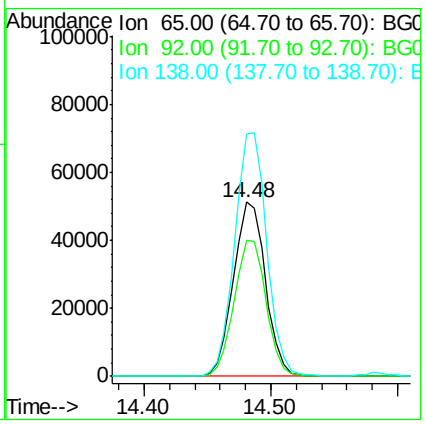


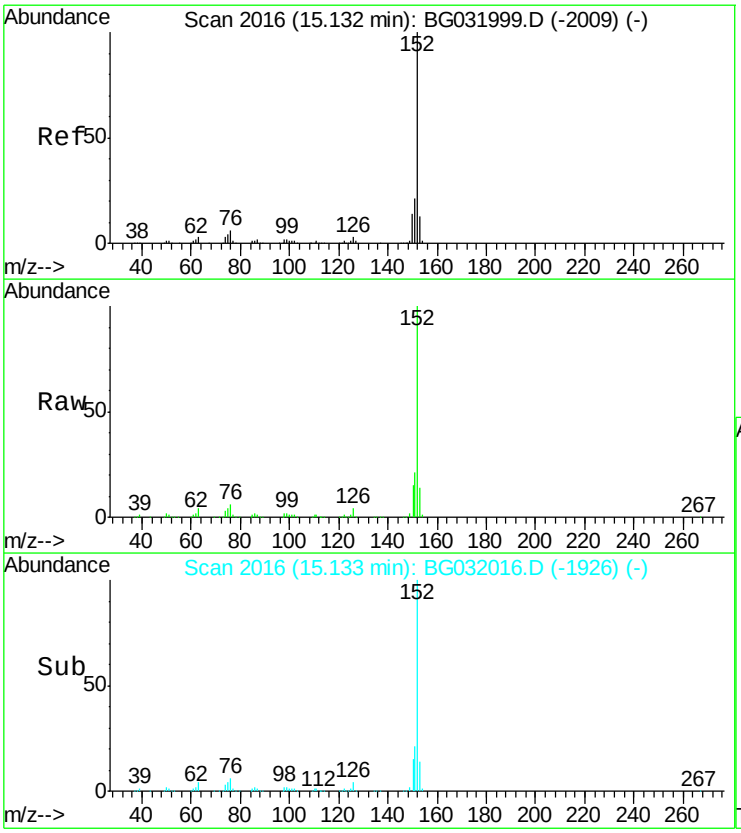
#47
2-Nitroaniline
Concen: 41.395 ng
RT: 14.48 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion: 65 Resp: 89843

Ion	Ratio	Lower	Upper
65	100		
92	78.1	54.6	82.0
138	138.9	72.9	109.3#

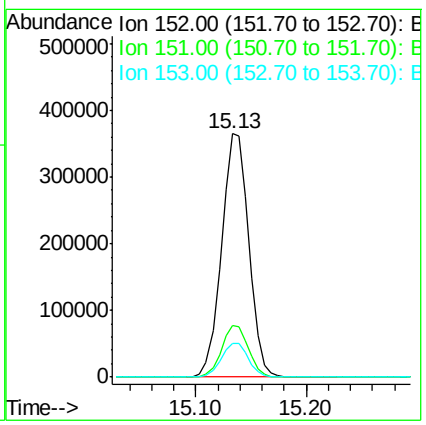


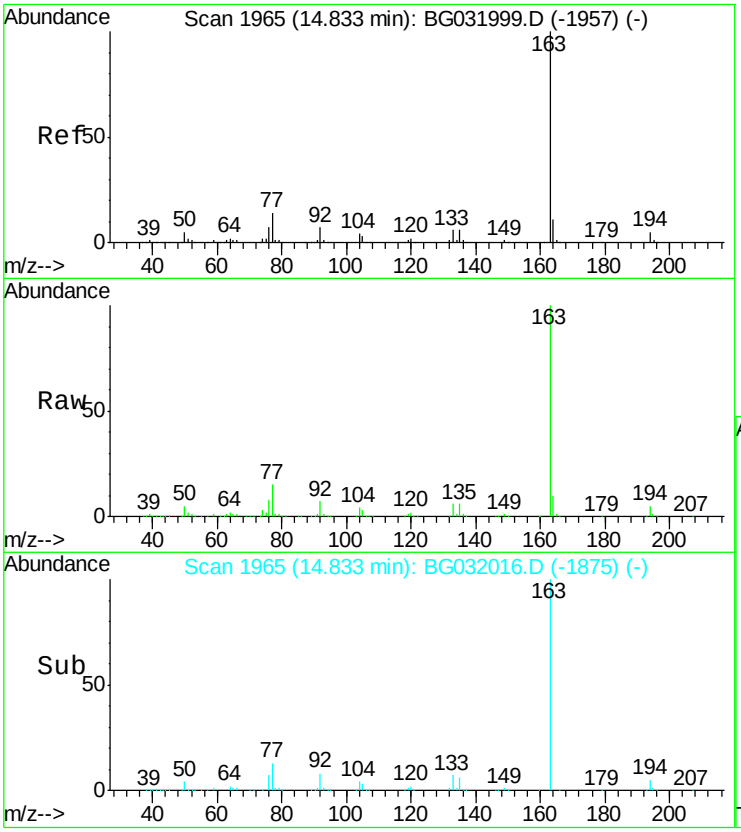


#48
Acenaphthylene
Concen: 36.234 ng
RT: 15.13 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:152 Resp: 625546

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	13.9	10.2	15.4



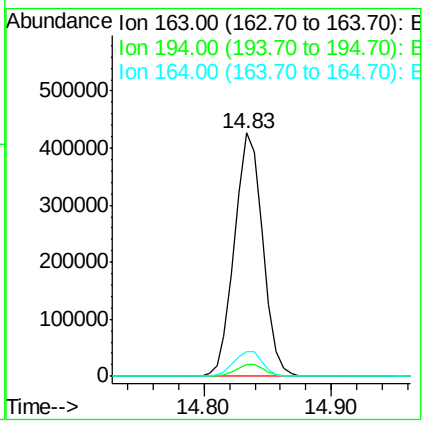


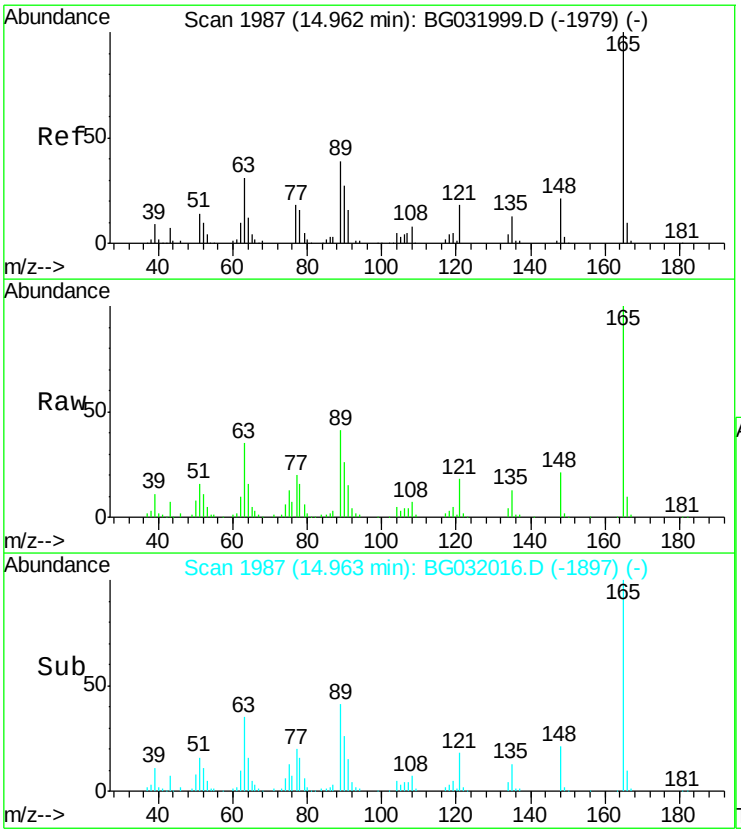
#49
Dimethylphthalate
Concen: 44.103 ng
RT: 14.83 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:163 Resp: 656077

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.4	5.2
164	10.2	8.2	12.4

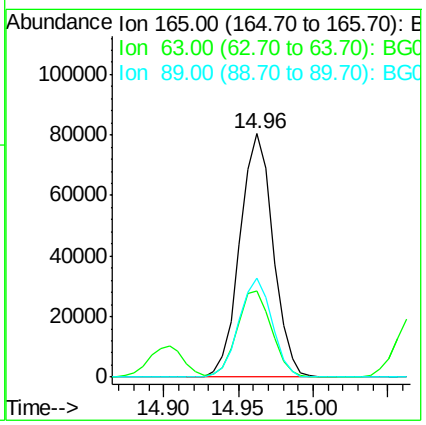


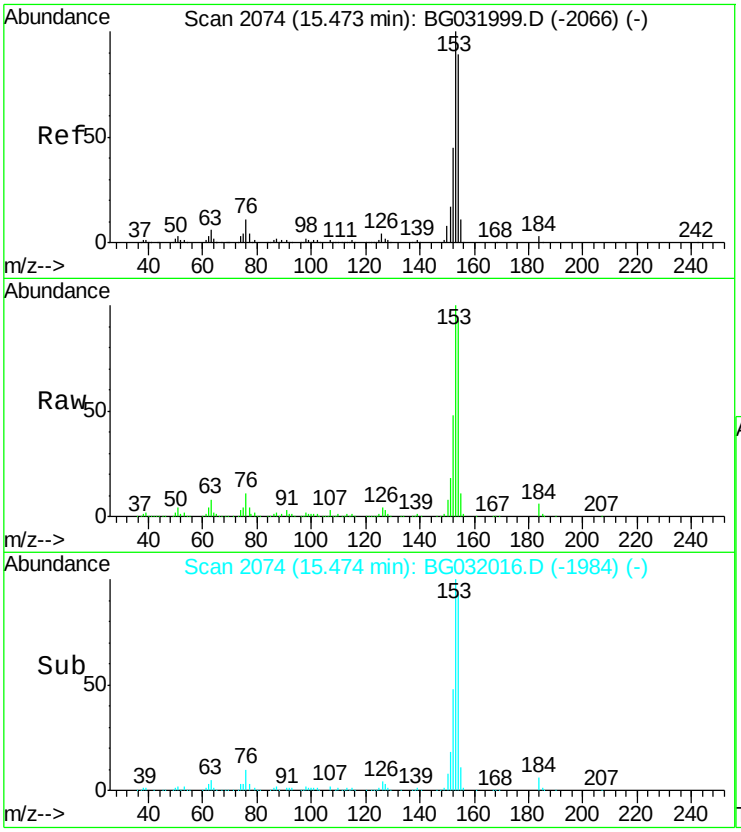


#50
2,6-Dinitrotoluene
Concen: 40.183 ng
RT: 14.96 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:165 Resp: 124077

Ion	Ratio	Lower	Upper
165	100		
63	35.3	52.7	79.1#
89	40.7	49.2	73.8#



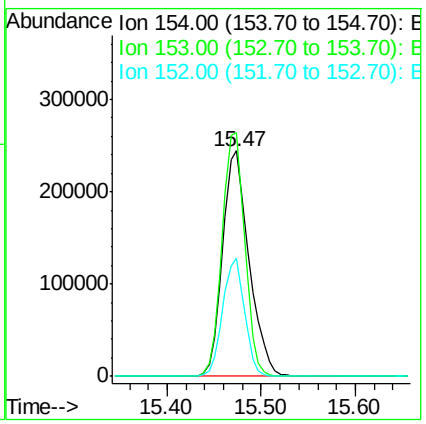


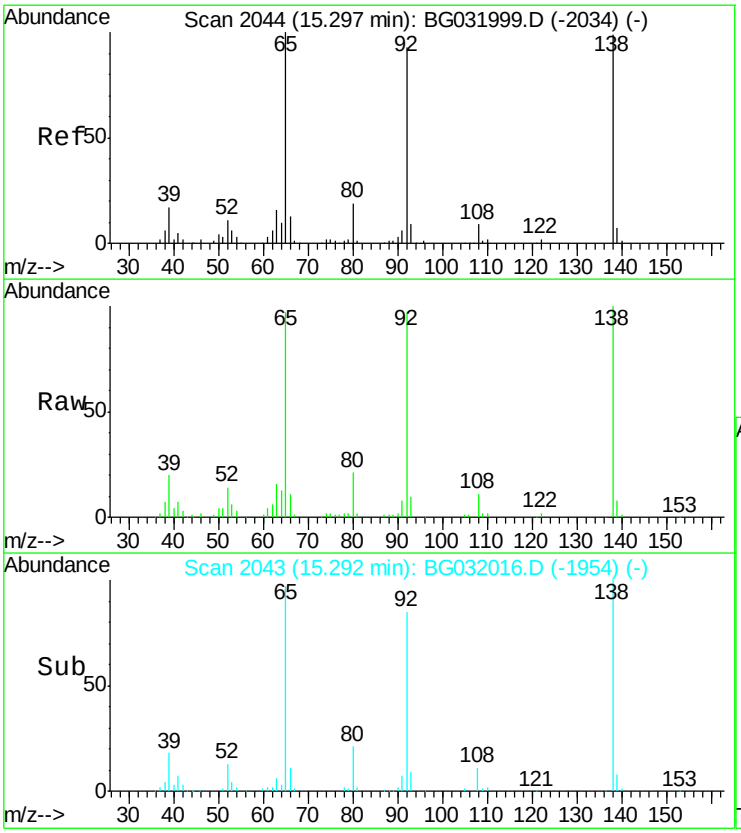
#51
Acenaphthene
Concen: 41.848 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:154 Resp: 477726

Ion	Ratio	Lower	Upper
154	100		
153	108.0	90.4	135.6
152	52.3	41.6	62.4

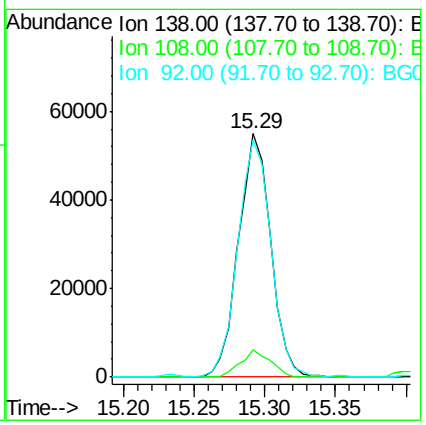


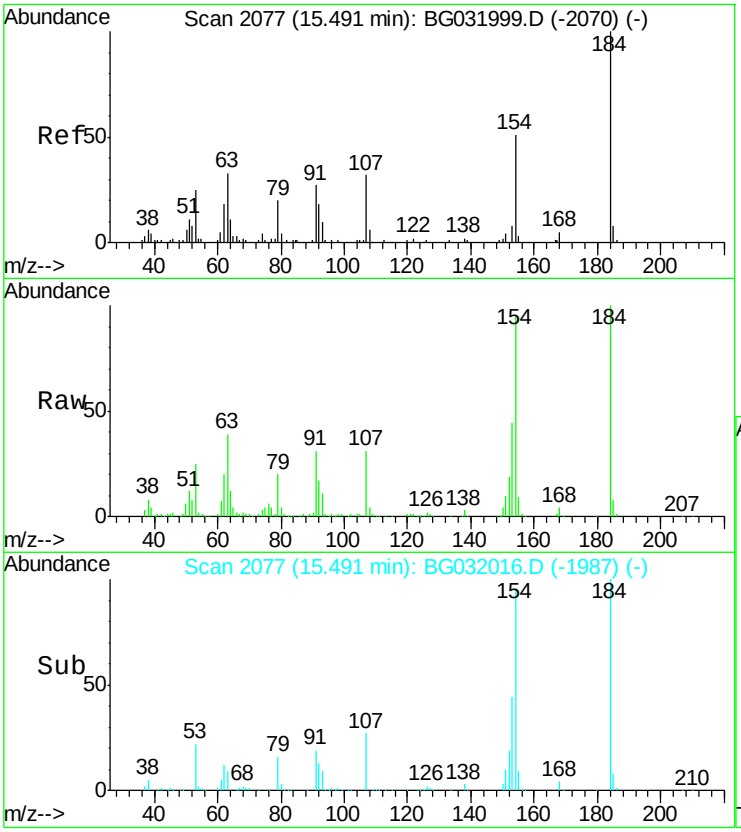


#52
3-Nitroaniline
Concen: 31.593 ng
RT: 15.29 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:138 Resp: 88107

Ion	Ratio	Lower	Upper
138	100		
108	11.4	17.5	26.3#
92	97.4	105.8	158.8#



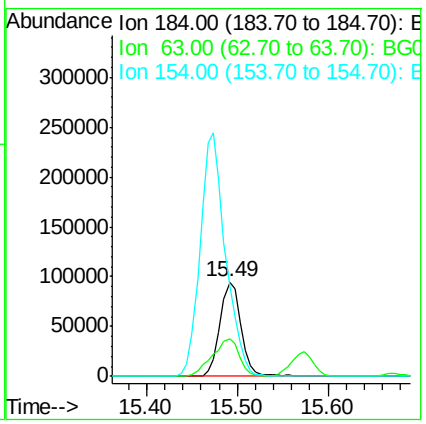


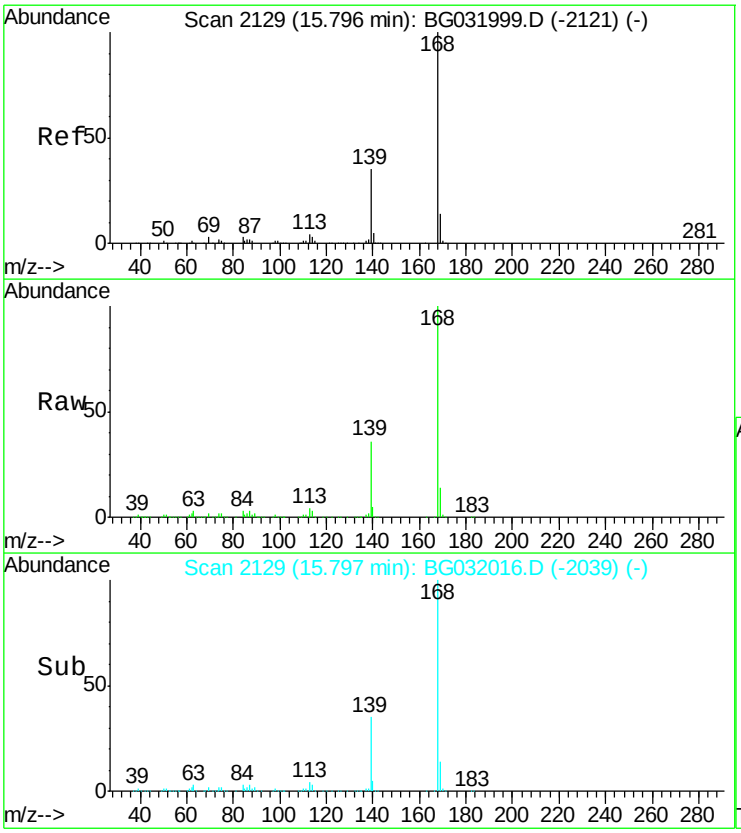
#53
2,4-Dinitrophenol
Concen: 97.572 ng
RT: 15.49 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:184 Resp: 153727

Ion	Ratio	Lower	Upper
184	100		
63	39.1	59.8	89.8#
154	95.3	101.8	152.8#

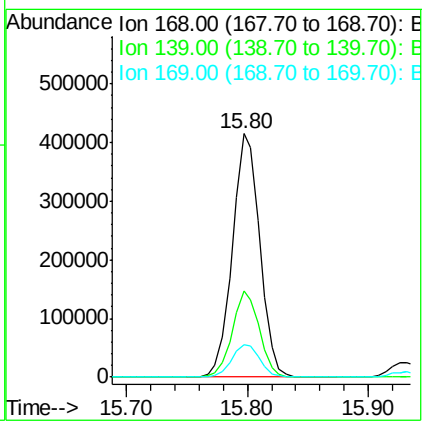


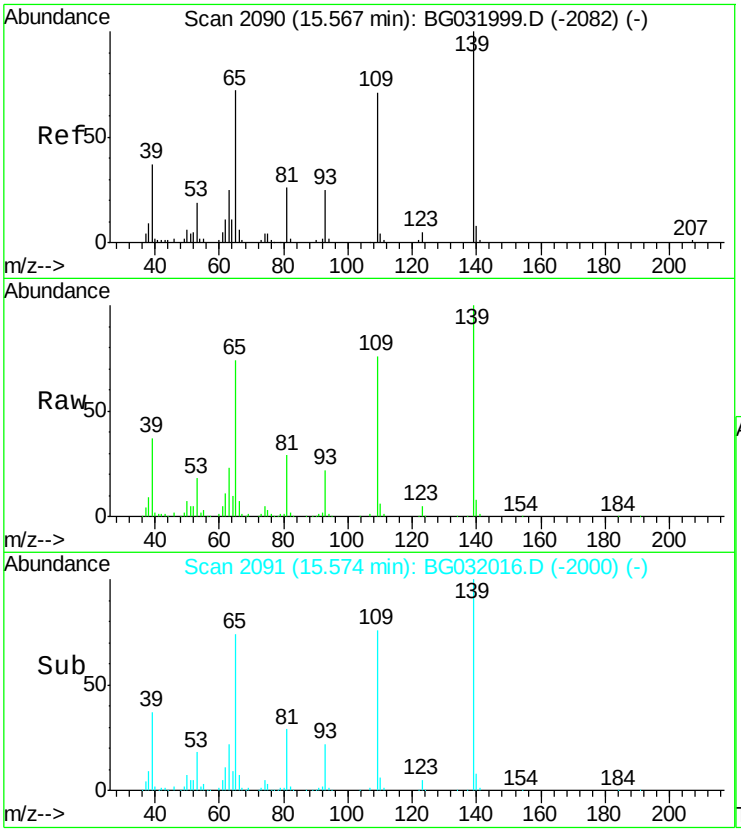


#54
Dibenzofuran
Concen: 38.410 ng
RT: 15.80 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:168 Resp: 654113

Ion	Ratio	Lower	Upper
168	100		
139	35.5	28.6	43.0
169	13.6	11.2	16.8



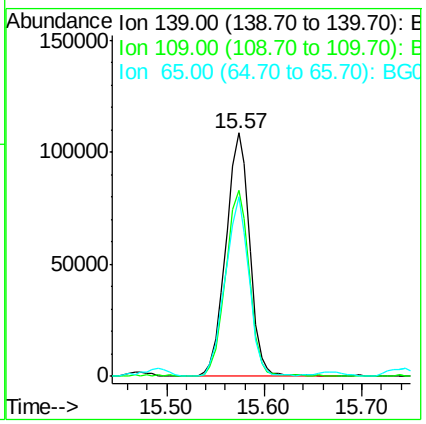


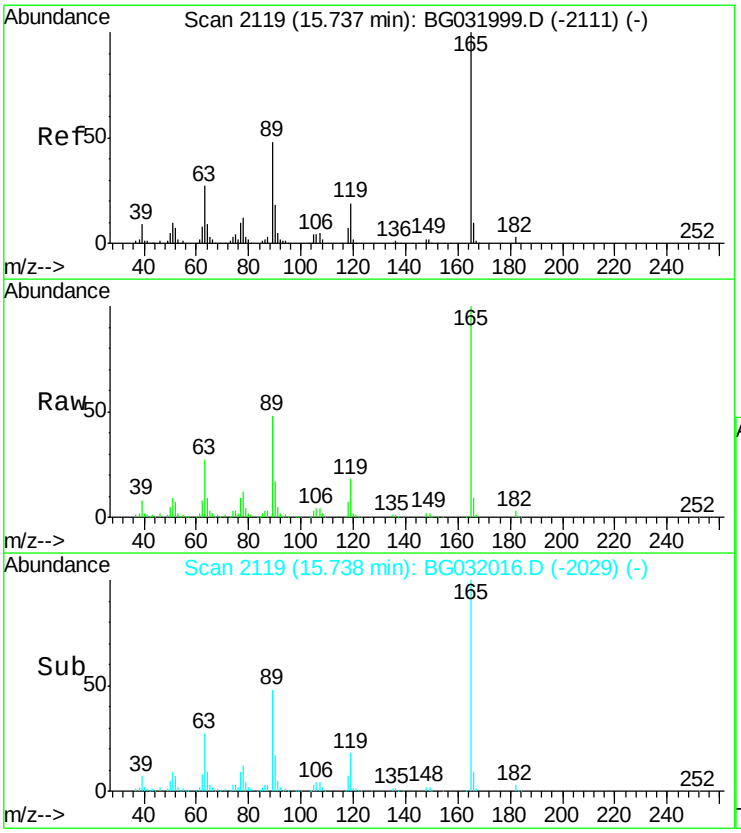
#55
4-Nitrophenol
Concen: 90.743 ng
RT: 15.57 min Scan# 2091
Delta R.T. 0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:139 Resp: 184427

Ion	Ratio	Lower	Upper
139	100		
109	76.3	62.2	102.2
65	74.0	97.2	137.2#

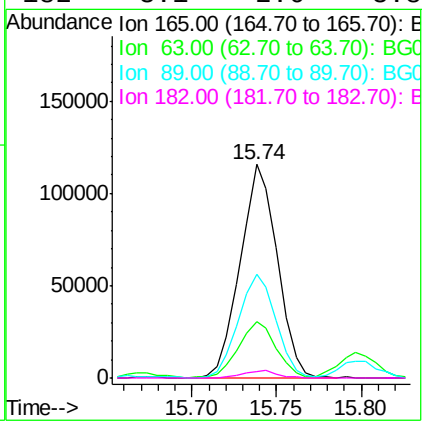


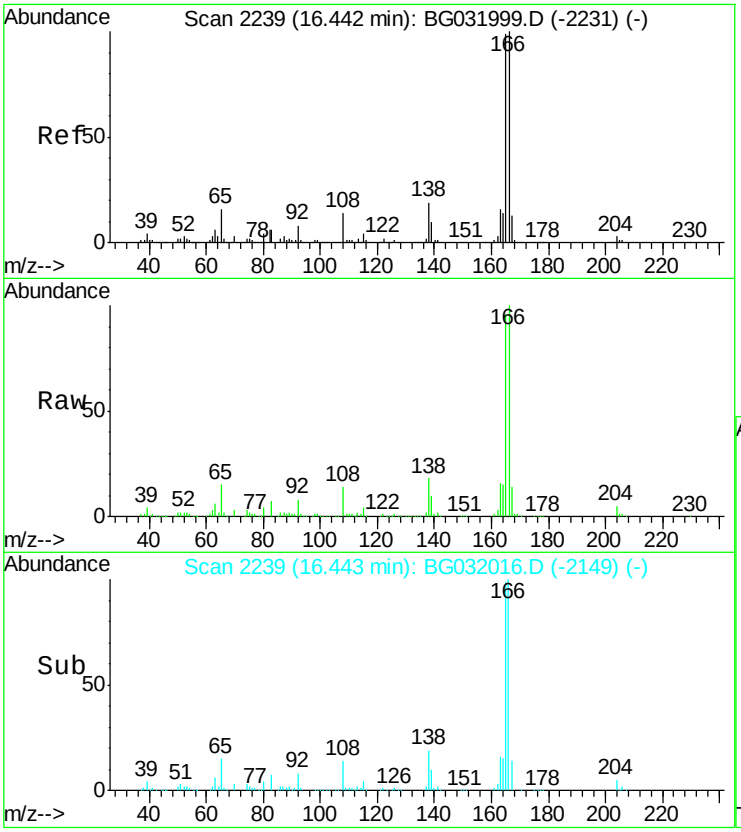


#56
2,4-Dinitrotoluene
Concen: 42.549 ng
RT: 15.74 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:165 Resp: 176884

Ion	Ratio	Lower	Upper
165	100		
63	26.6	42.0	63.0#
89	48.4	66.9	100.3#
182	3.1	2.6	3.8



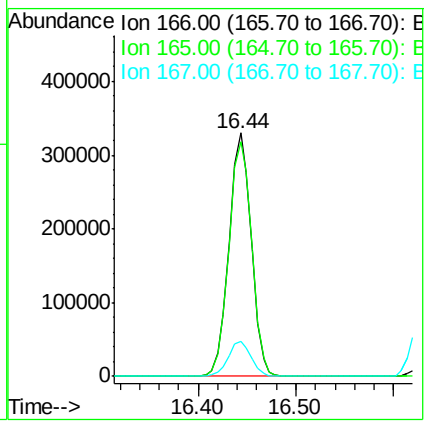


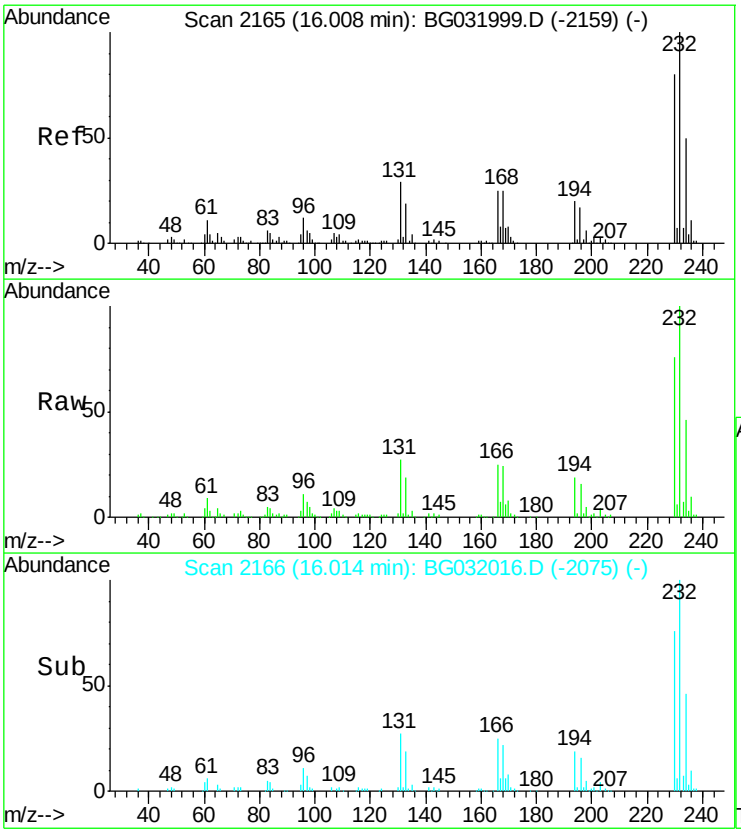
#57
Fluorene
Concen: 37.303 ng
RT: 16.44 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:166 Resp: 521004

Ion	Ratio	Lower	Upper
166	100		
165	96.2	80.6	121.0
167	14.5	10.4	15.6

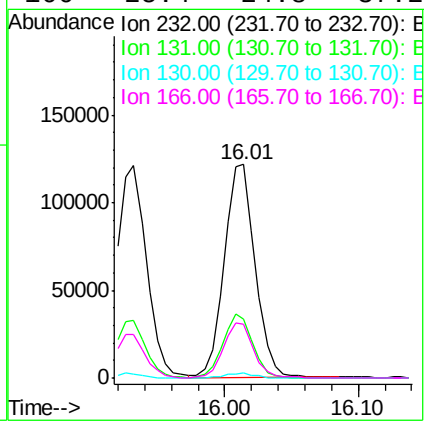


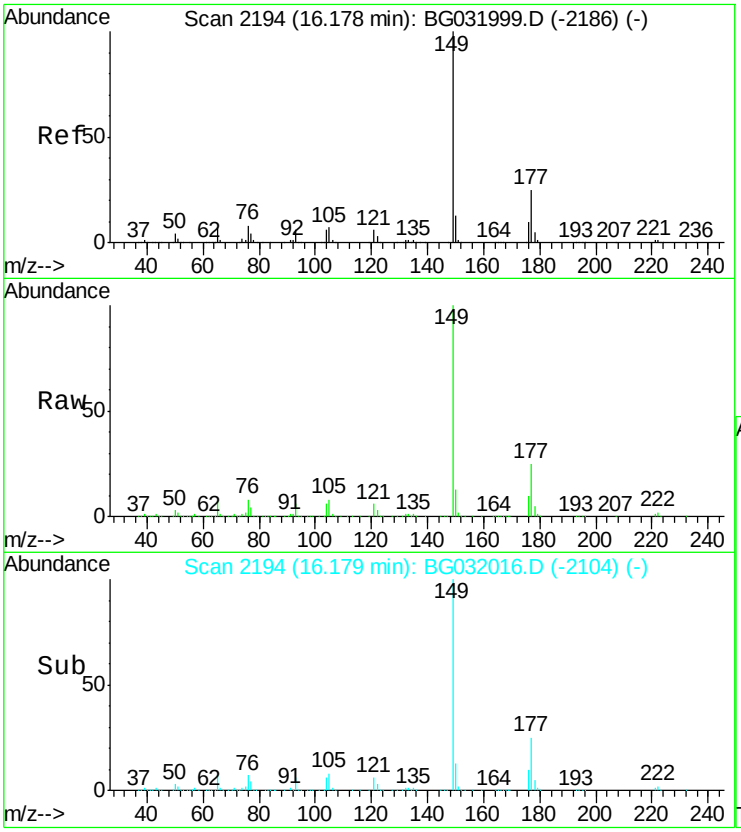


#58
2,3,4,6-Tetrachlorophenol
Concen: 44.068 ng
RT: 16.01 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:232 Resp: 196470

Ion	Ratio	Lower	Upper
232	100		
131	28.7	33.5	50.3#
130	2.0	2.2	3.2#
166	25.4	24.8	37.2



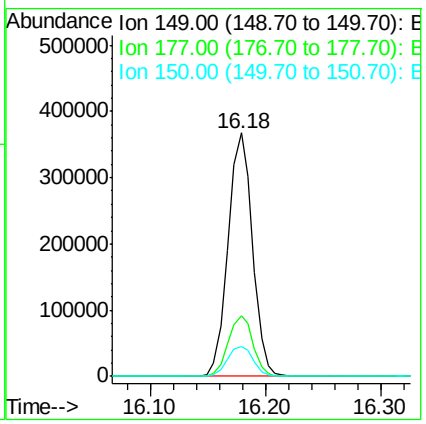


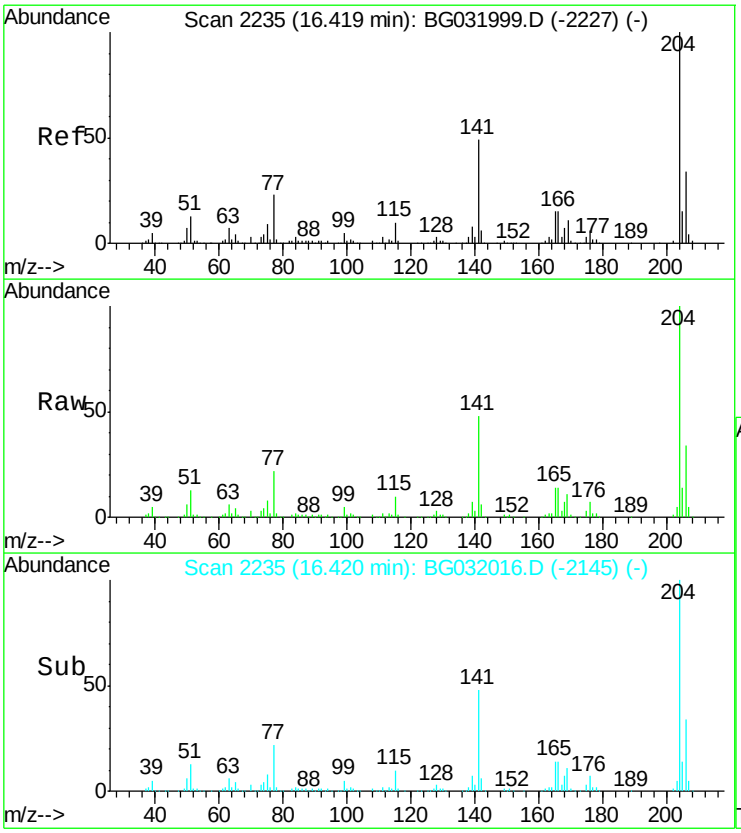
#59
Diethylphthalate
Concen: 37.128 ng
RT: 16.18 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:149 Resp: 535447

Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.5	27.7
150	12.5	10.2	15.2

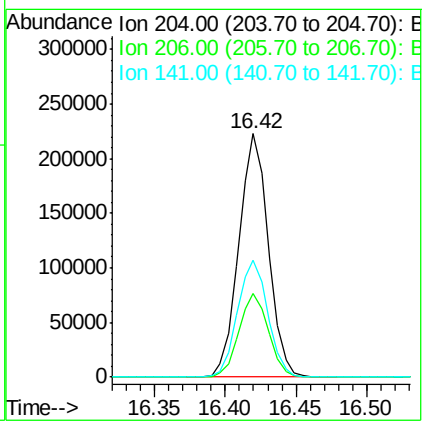


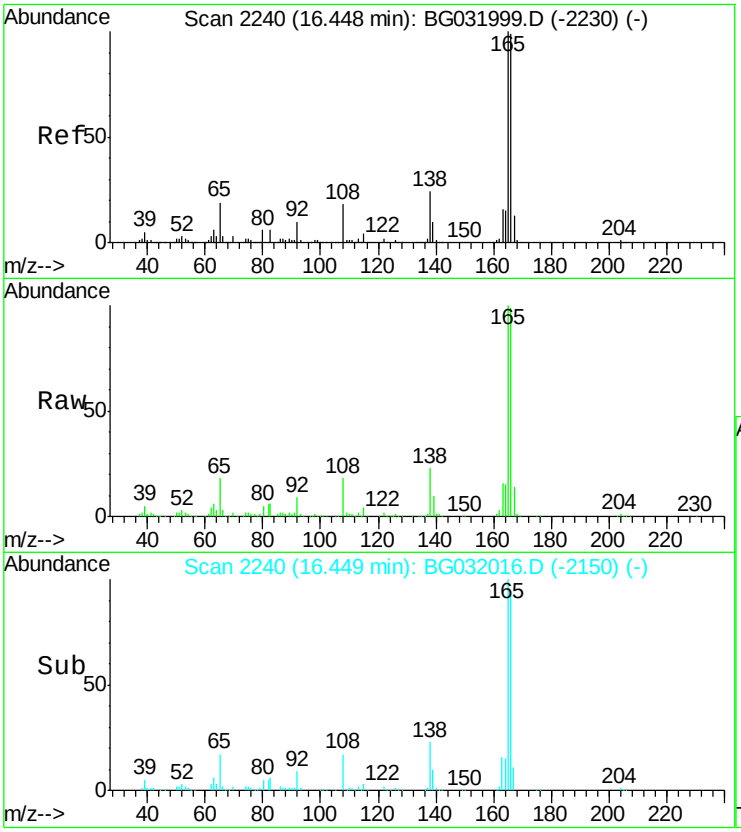


#60
4-Chlorophenyl-phenylether
Concen: 37.920 ng
RT: 16.42 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:204 Resp: 324886

Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.2	39.2
141	48.2	45.8	68.6



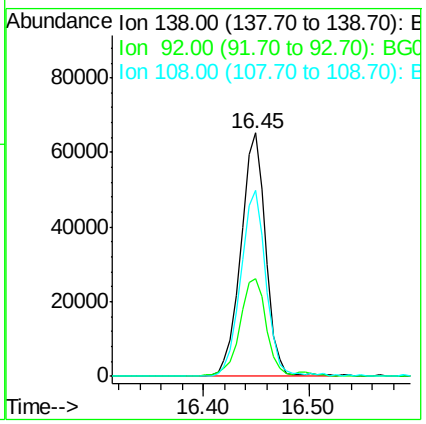


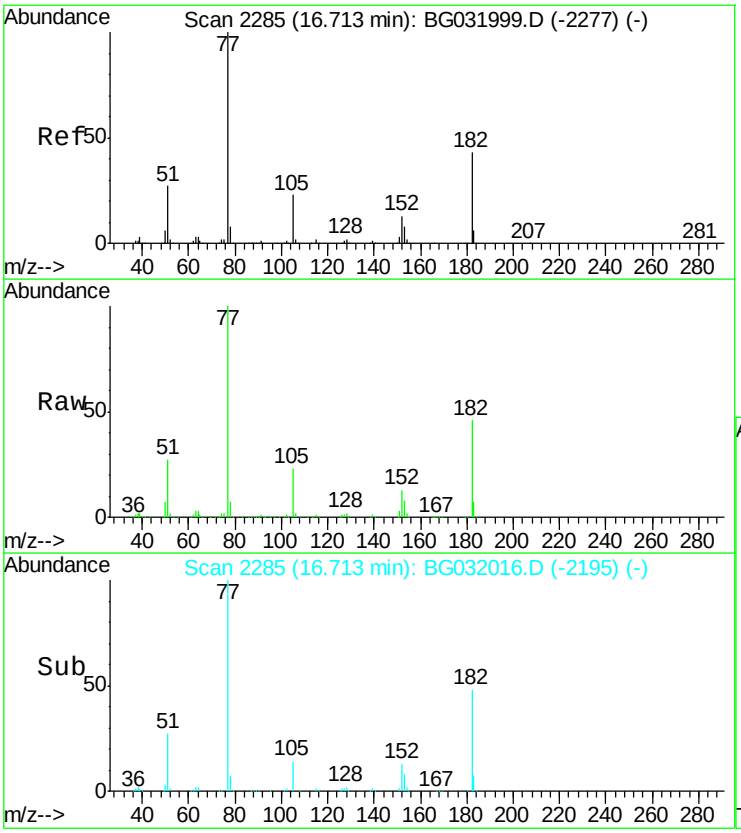
#61
4-Nitroaniline
Concen: 39.781 ng
RT: 16.45 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:138 Resp: 106424

Ion	Ratio	Lower	Upper
138	100		
92	40.3	40.1	80.1
108	76.5	65.4	105.4

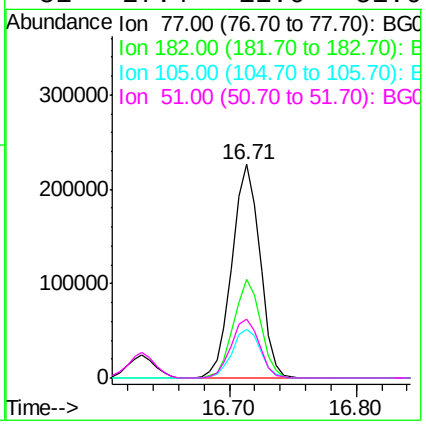


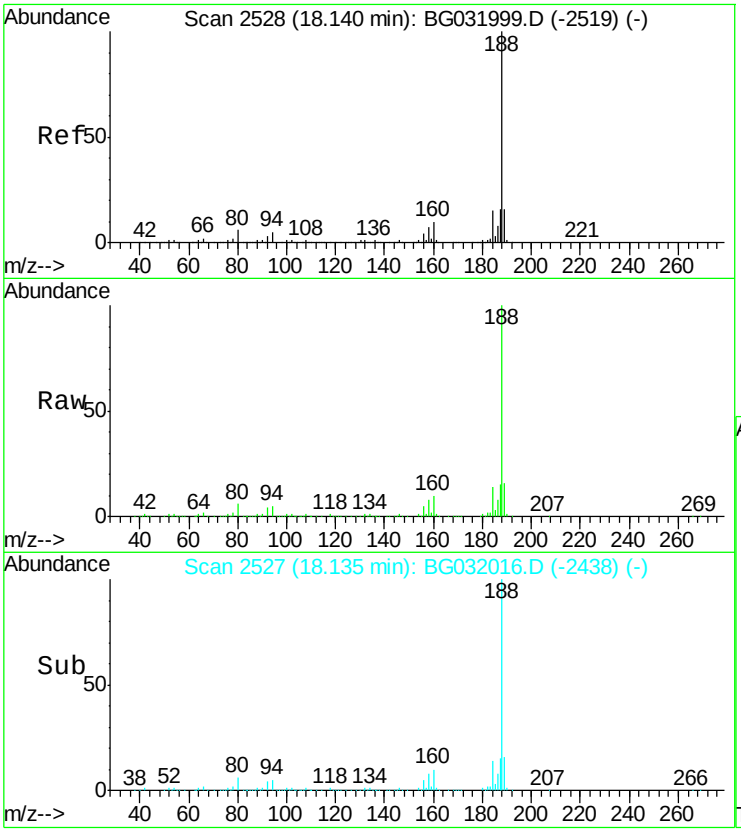


#62
Azobenzene
Concen: 38.160 ng
RT: 16.71 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion: 77 Resp: 344453

Ion	Ratio	Lower	Upper
77	100		
182	46.1	7.4	47.4
105	22.7	0.3	40.3
51	27.4	11.6	51.6



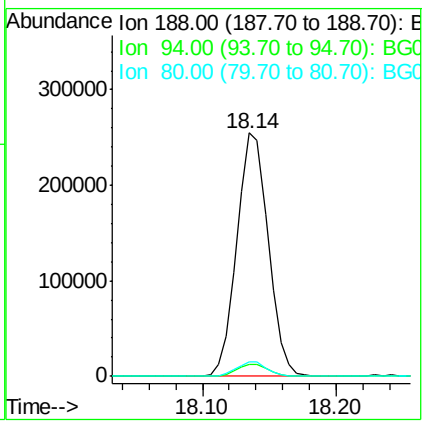


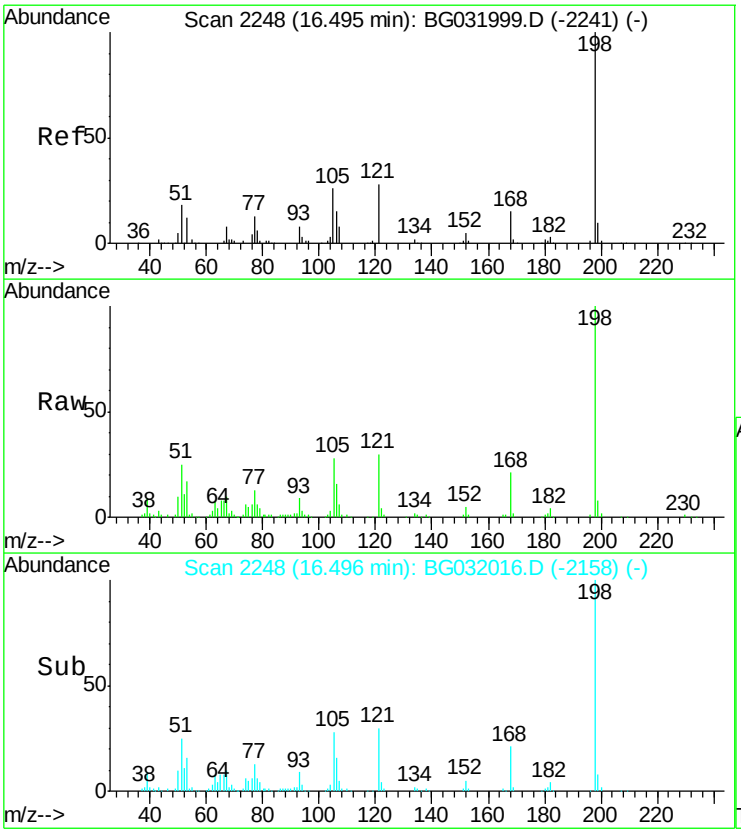
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:188 Resp: 414257

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

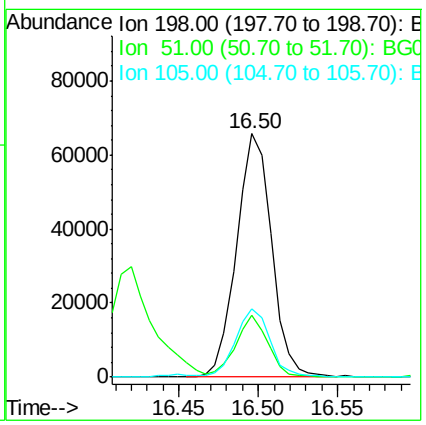


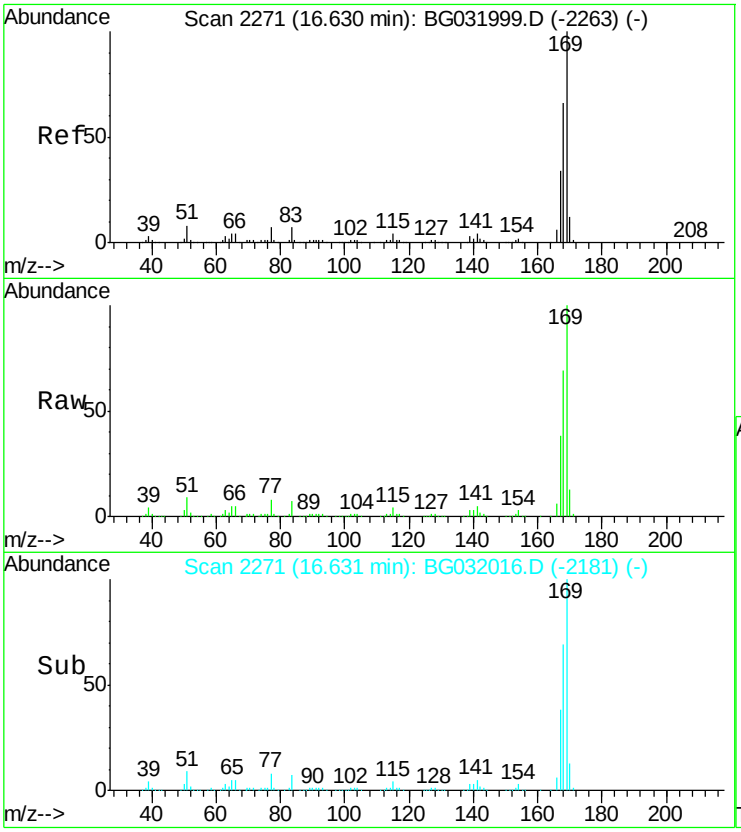


#64
4,6-Dinitro-2-methylphenol
Concen: 39.038 ng
RT: 16.50 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:198 Resp: 100819

Ion	Ratio	Lower	Upper
198	100		
51	25.4	30.6	70.6#
105	28.1	23.8	63.8



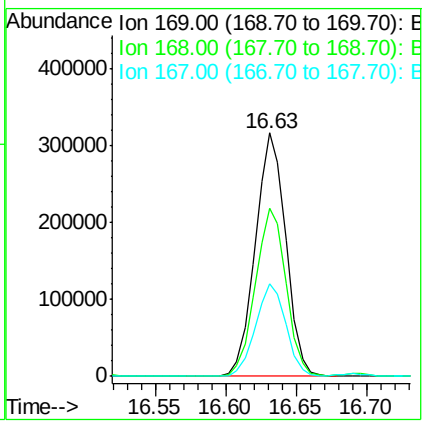


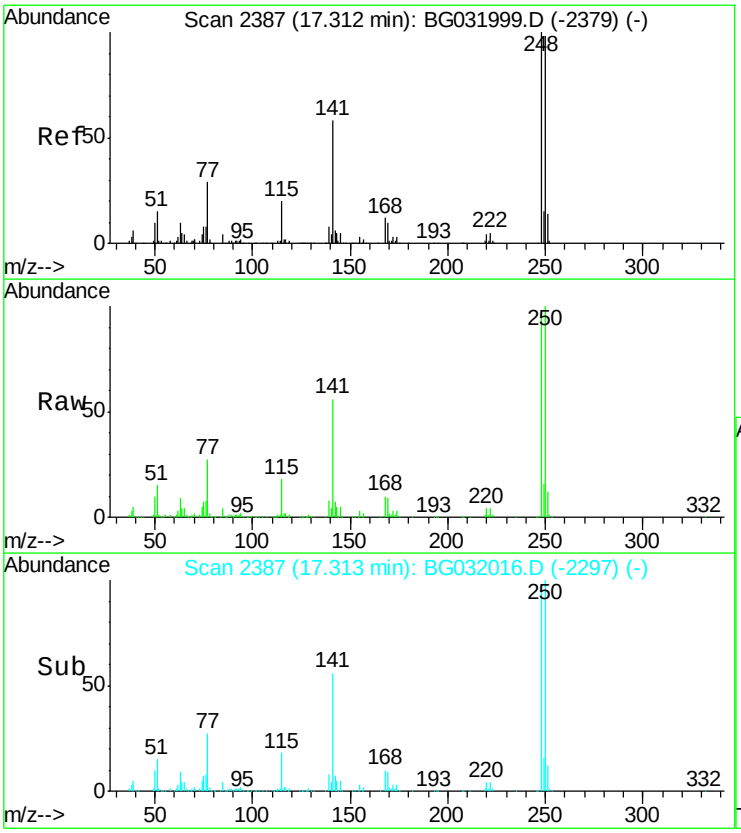
#65
n-Nitrosodiphenylamine
Concen: 38.301 ng
RT: 16.63 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:169 Resp: 481451

Ion	Ratio	Lower	Upper
169	100		
168	68.9	55.7	83.5
167	37.8	30.1	45.1

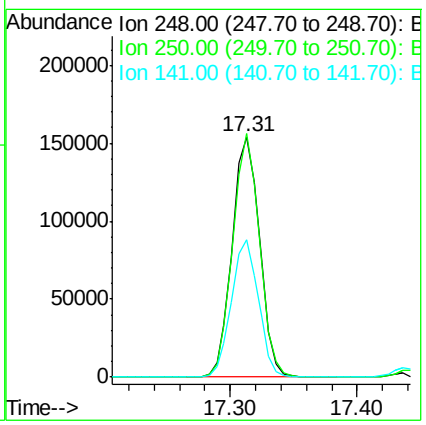


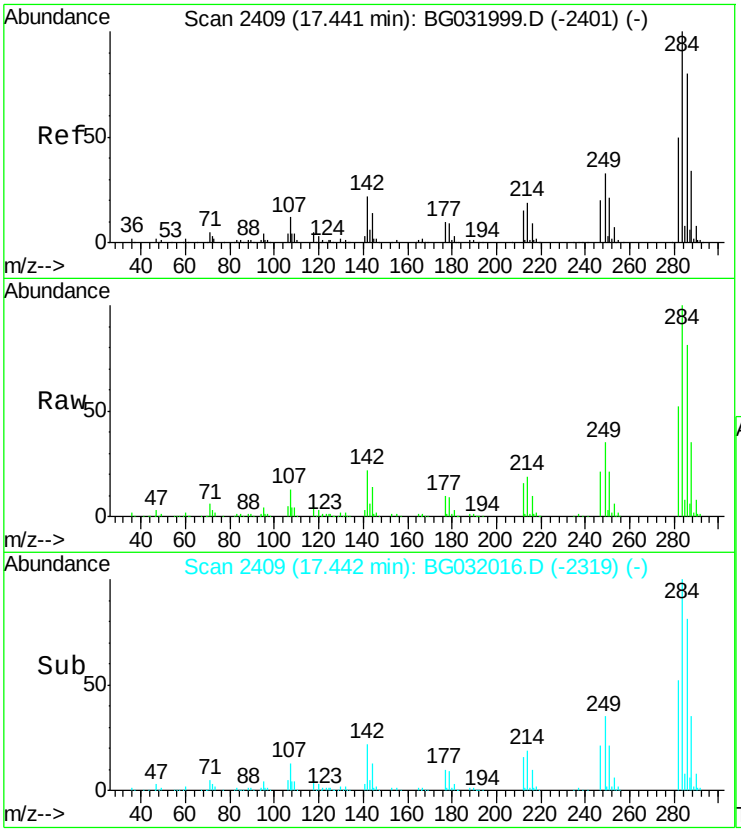


#66
4-Bromophenyl-phenylether
Concen: 39.022 ng
RT: 17.31 min Scan# 2387
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:248 Resp: 230000

Ion	Ratio	Lower	Upper
248	100		
250	101.5	77.1	115.7
141	57.4	50.8	76.2



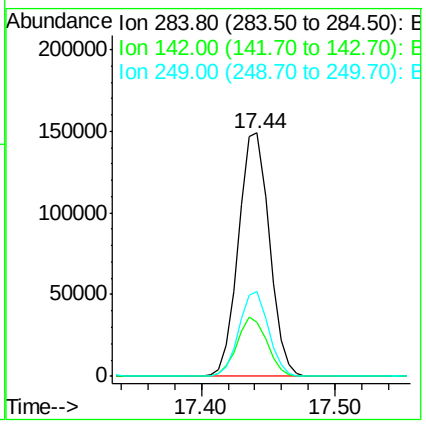


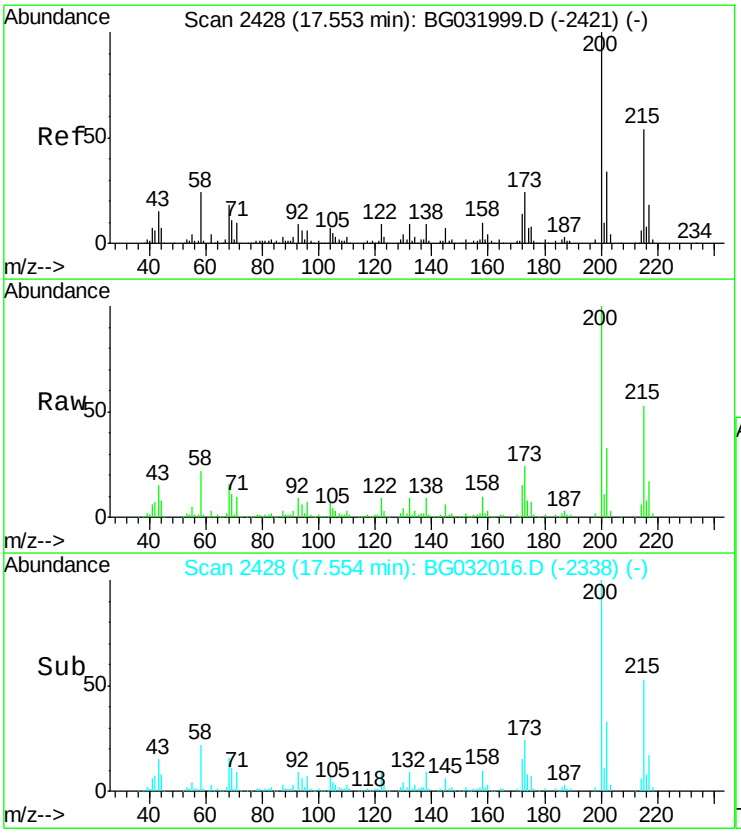
#67
Hexachlorobenzene
Concen: 36.578 ng
RT: 17.44 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:284 Resp: 238524

Ion	Ratio	Lower	Upper
284	100		
142	22.4	26.8	40.2#
249	34.9	26.3	39.5

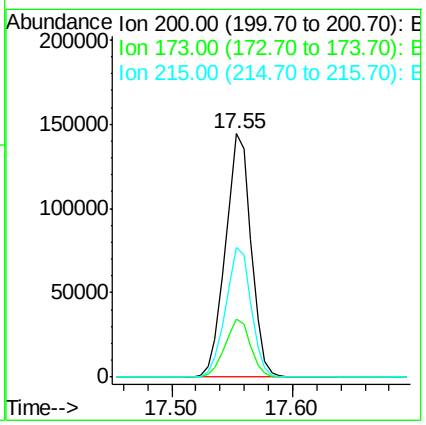


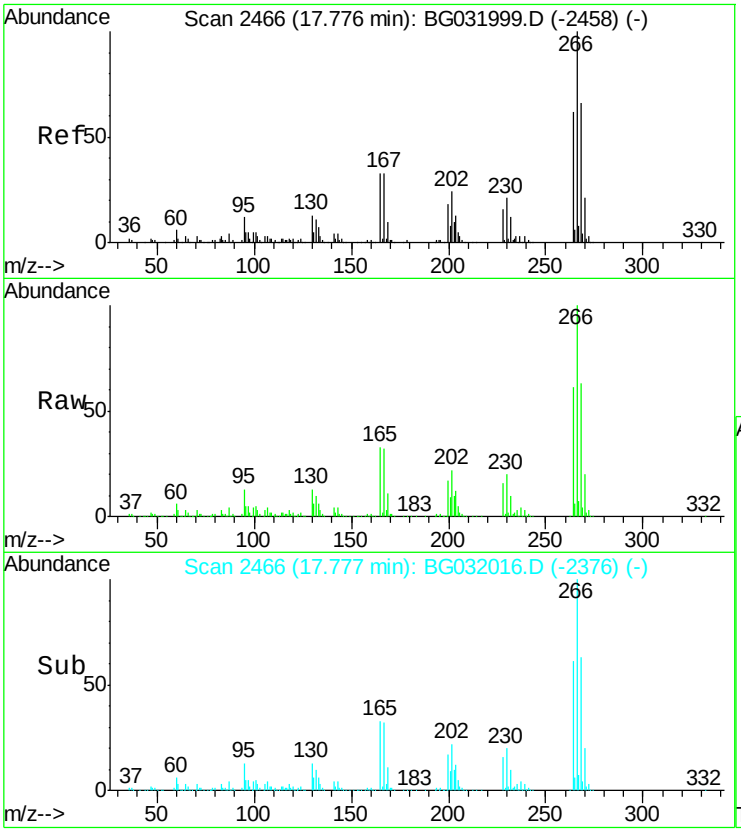


#68
Atrazine
Concen: 40.279 ng
RT: 17.55 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:200 Resp: 212930

Ion	Ratio	Lower	Upper
200	100		
173	24.0	5.2	45.2
215	53.3	30.4	70.4



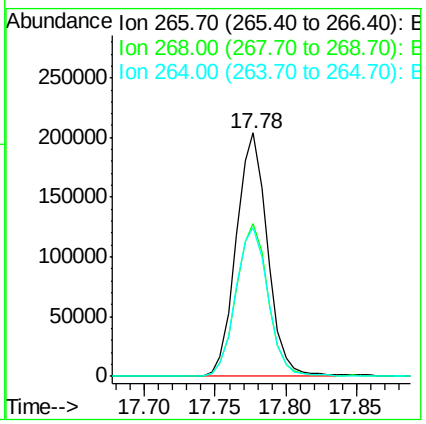


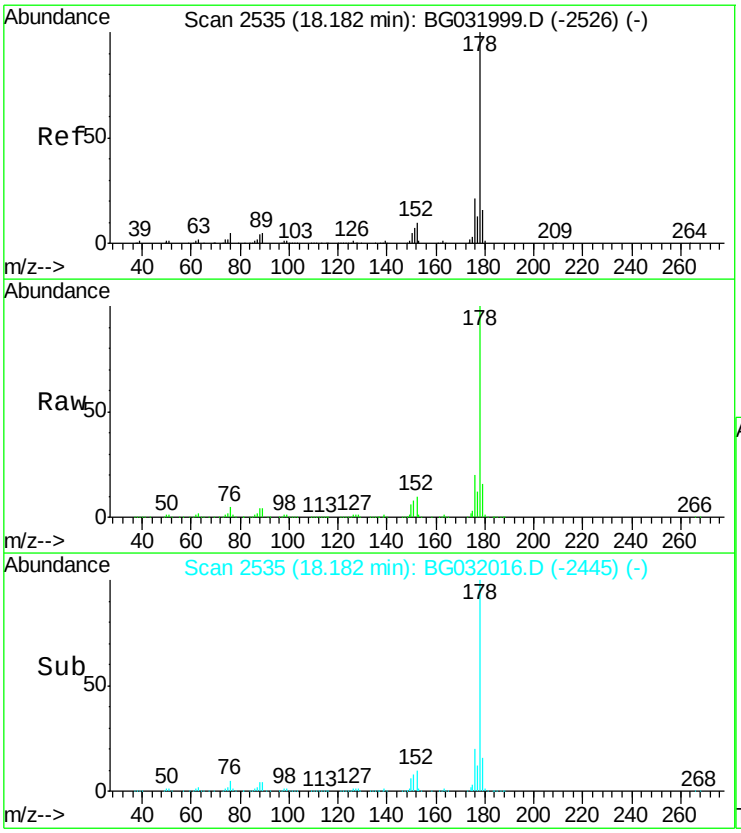
#69
Pentachlorophenol
Concen: 75.850 ng
RT: 17.78 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:266 Resp: 316151

Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.1	76.7
264	61.2	49.6	74.4

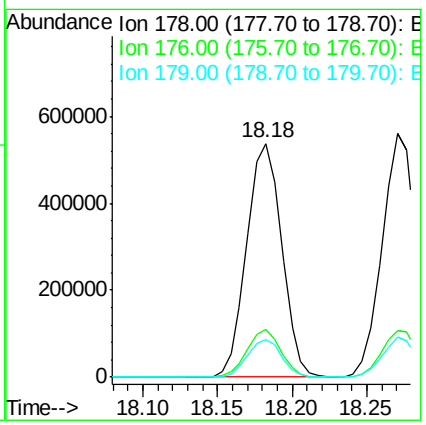


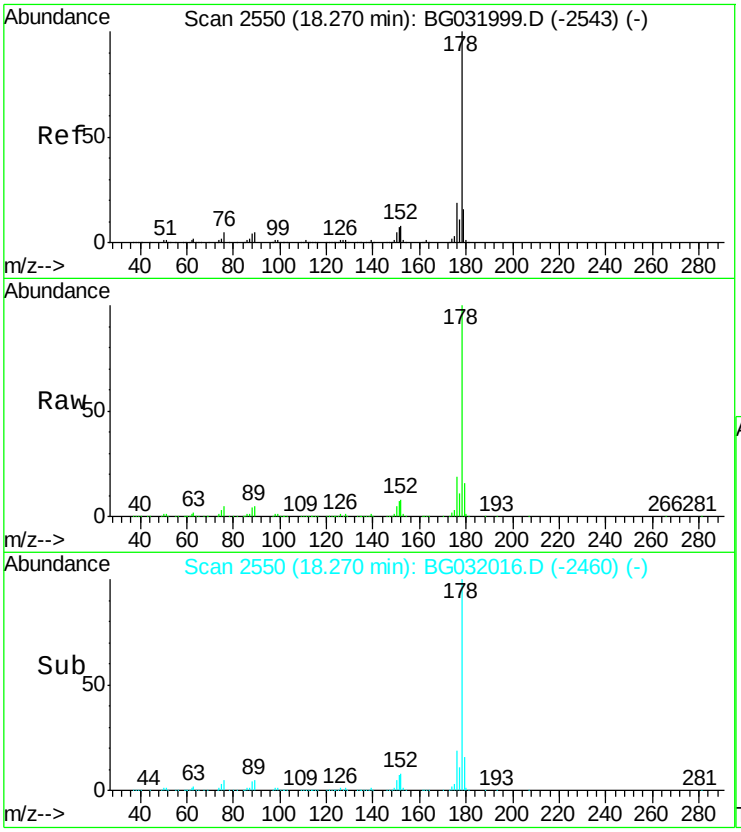


#70
Phenanthrene
Concen: 37.837 ng
RT: 18.18 min Scan# 2535
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:178 Resp: 872681

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	15.9	12.5	18.7



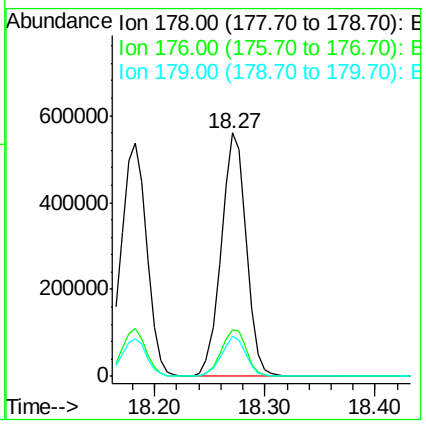


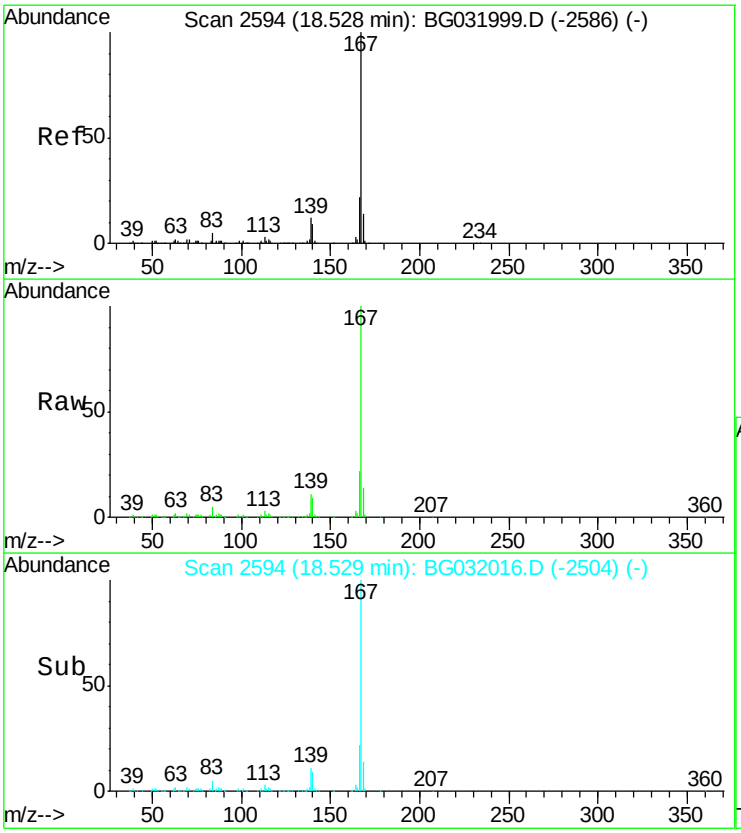
#71
Anthracene
Concen: 38.460 ng
RT: 18.27 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:178 Resp: 884739

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	16.5	12.5	18.7

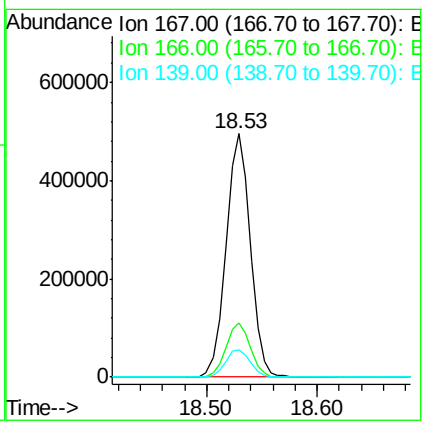


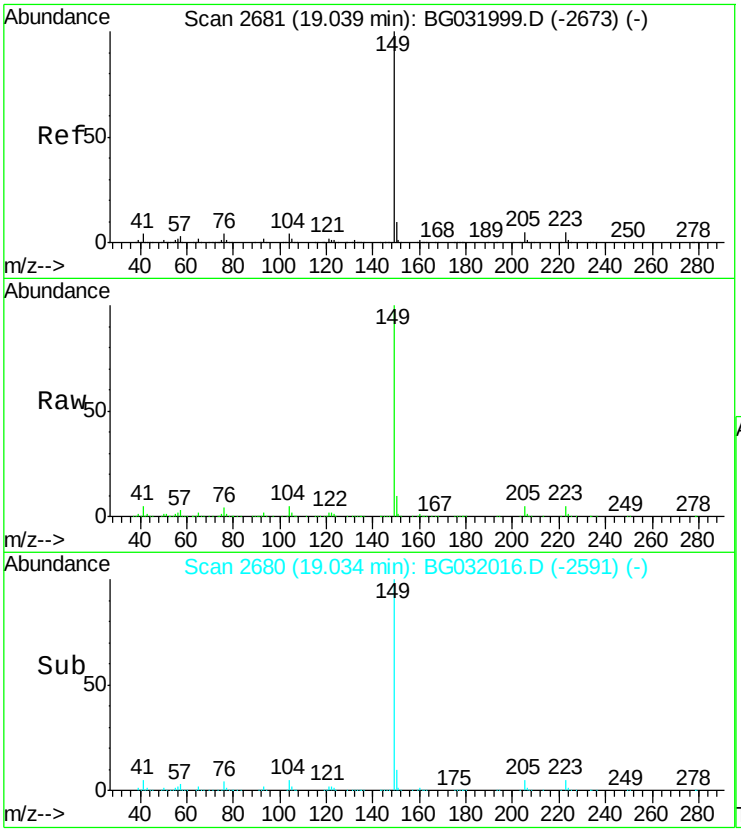


#72
Carbazole
Concen: 38.189 ng
RT: 18.53 min Scan# 2594
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:167 Resp: 762093

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	11.3	9.4	14.2



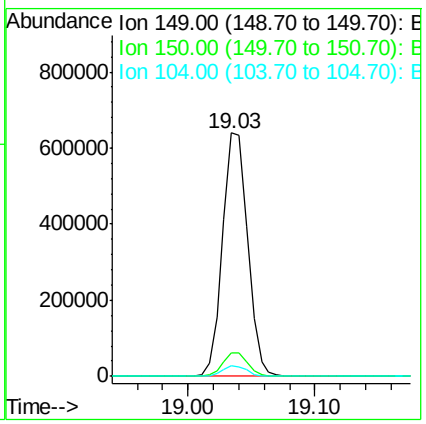


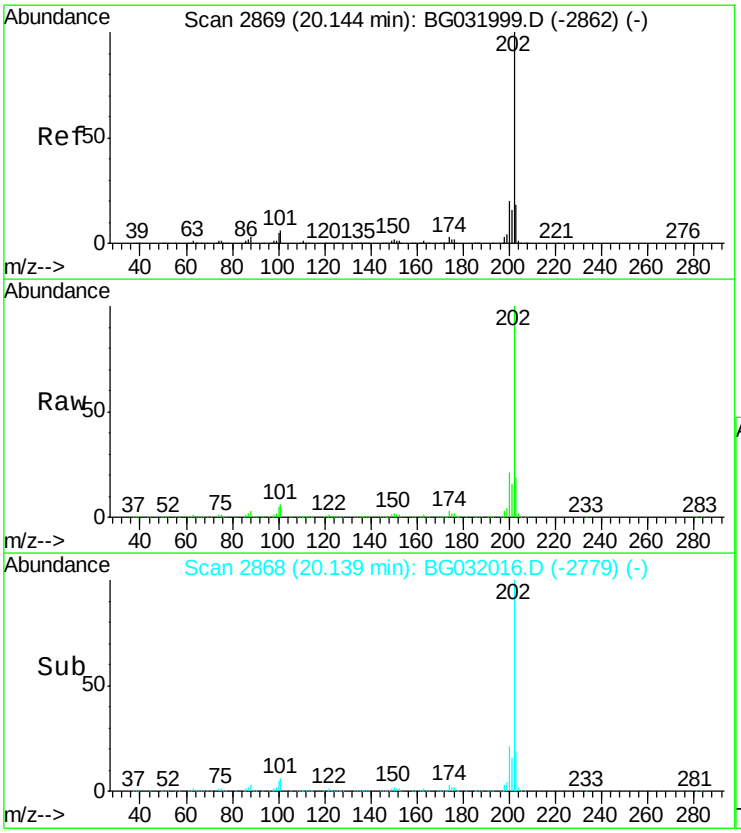
#73
Di-n-butylphthalate
Concen: 37.189 ng
RT: 19.03 min Scan# 2680
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:149 Resp: 876928

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	4.5	3.9	5.9

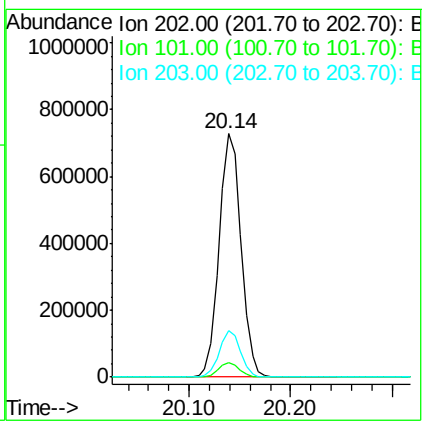


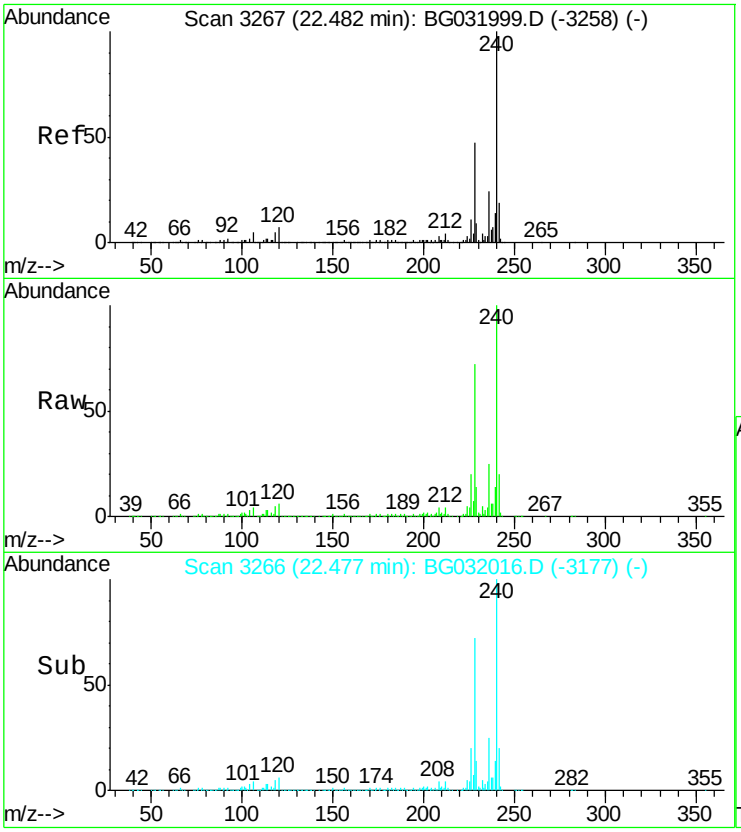


#74
Fluoranthene
Concen: 37.797 ng
RT: 20.14 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:202 Resp: 1091491

Ion	Ratio	Lower	Upper
202	100		
101	5.8	0.0	28.9
203	18.8	0.0	37.5



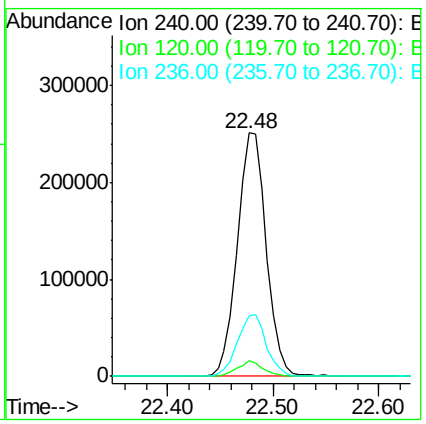


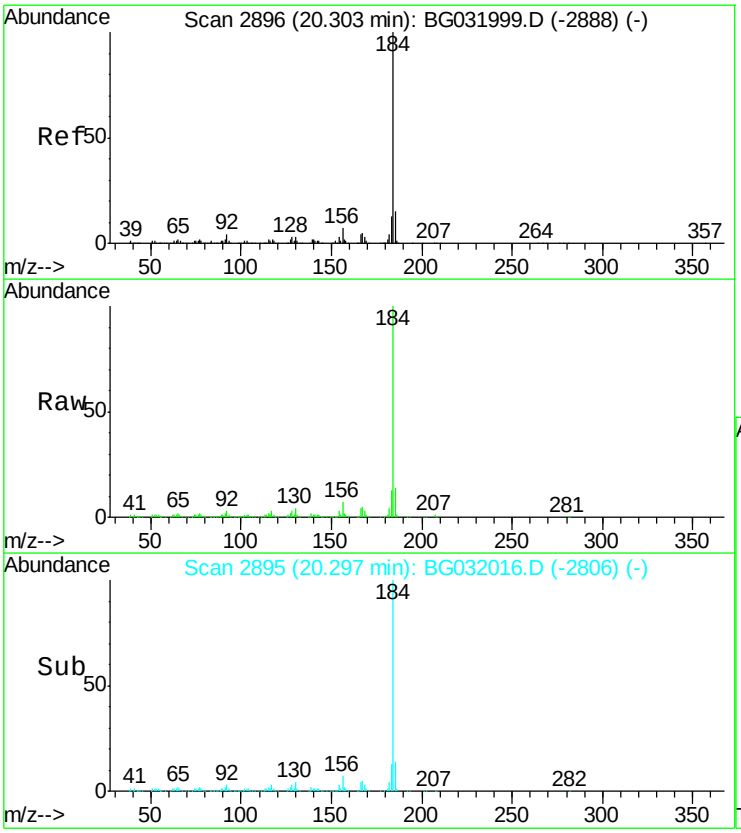
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3266
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:240 Resp: 474771

Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.8	10.2#
236	24.9	20.9	31.3

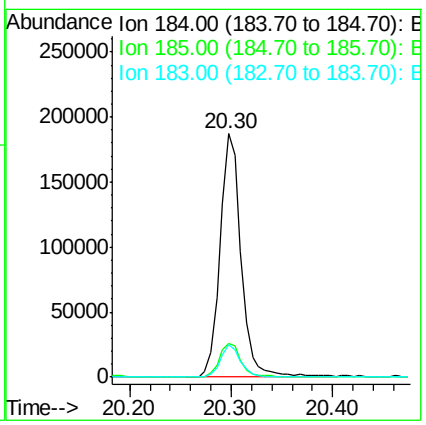


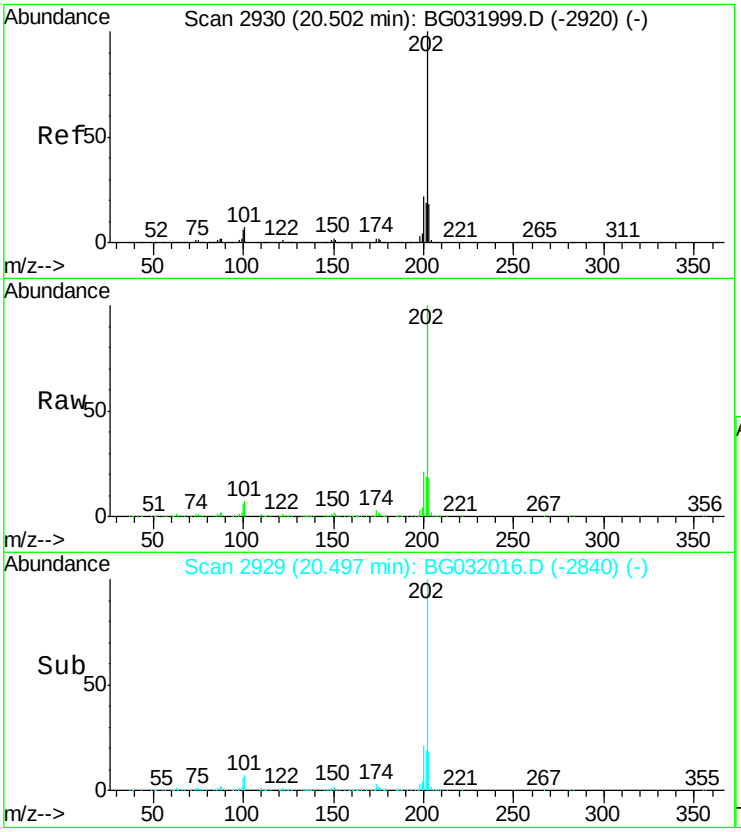


#76
Benzidine
Concen: 22.735 ng
RT: 20.30 min Scan# 2895
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:184 Resp: 269919

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.1	16.7
183	13.2	10.6	16.0



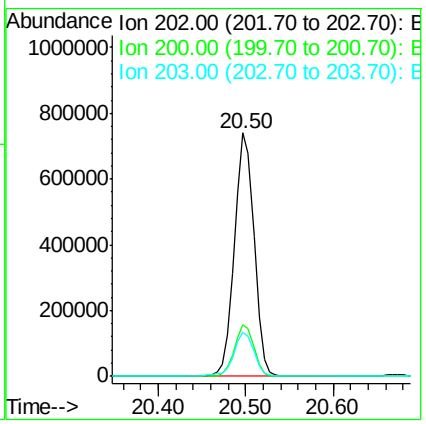


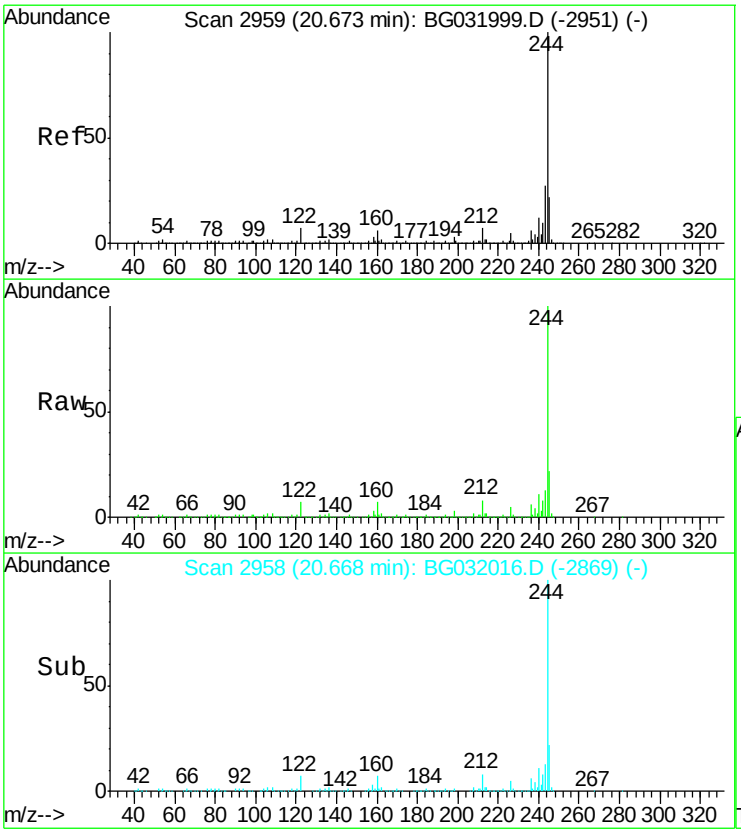
#77
Pyrene
Concen: 37.361 ng
RT: 20.50 min Scan# 2929
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:202 Resp: 1115074

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	18.2	13.9	20.9

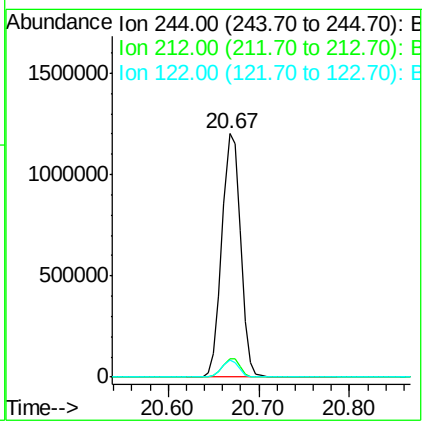


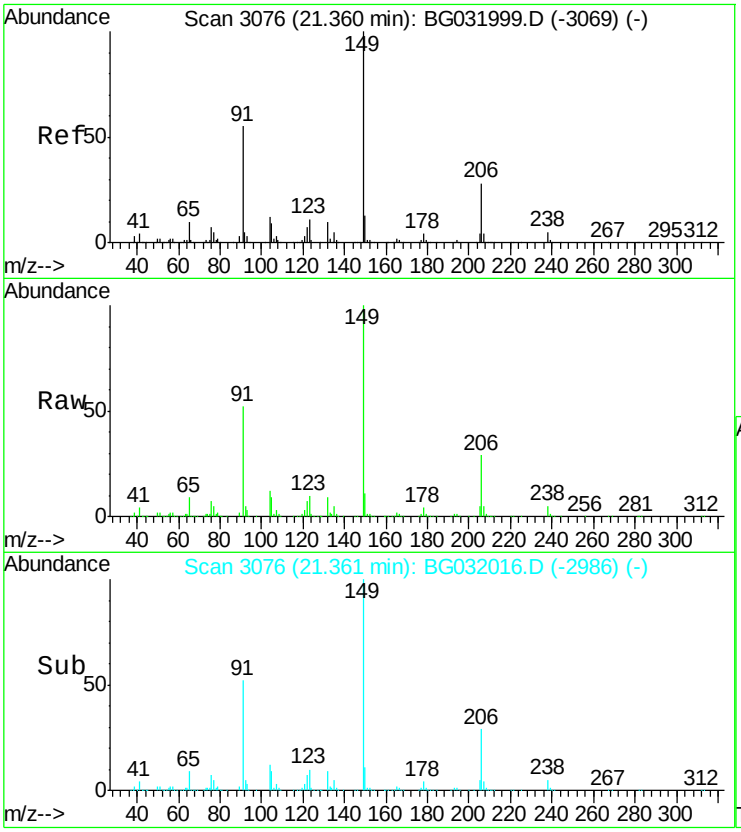


#78
Terphenyl-d14
Concen: 79.884 ng
RT: 20.67 min Scan# 2958
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:244 Resp: 1717664

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	7.0	7.0	10.4



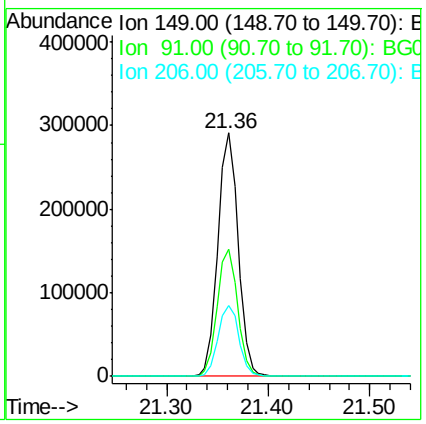


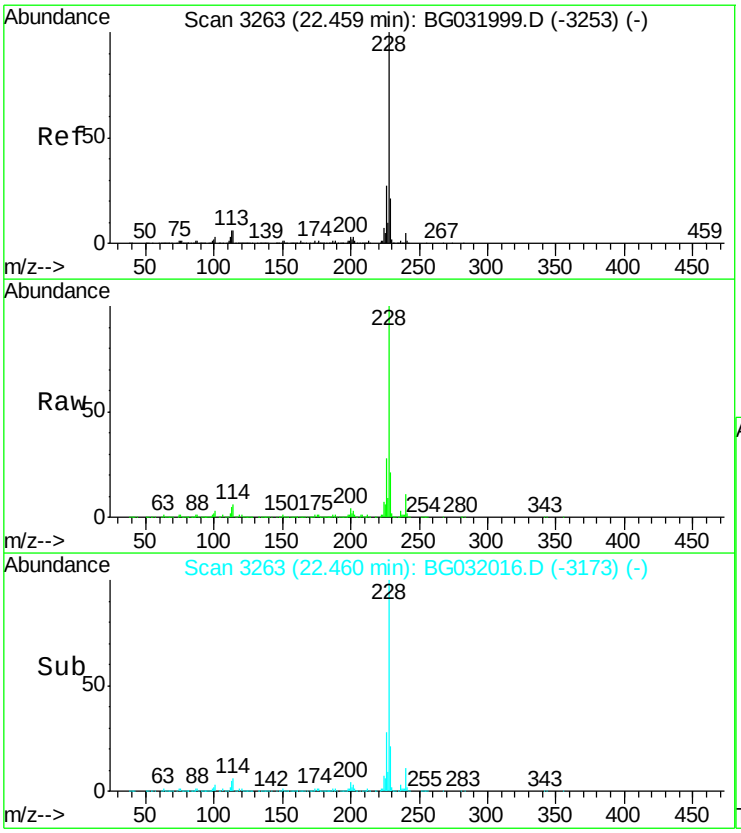
#79
Butylbenzylphthalate
Concen: 37.915 ng
RT: 21.36 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:149 Resp: 405447

Ion	Ratio	Lower	Upper
149	100		
91	52.0	62.2	93.2#
206	29.0	18.6	27.8#

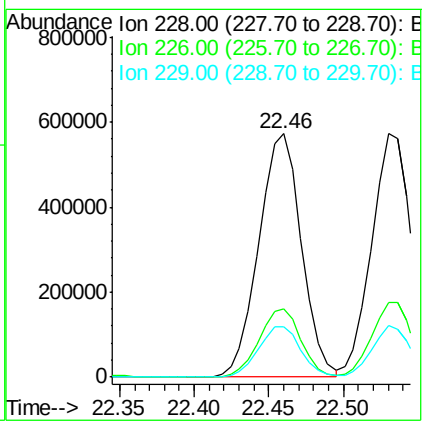


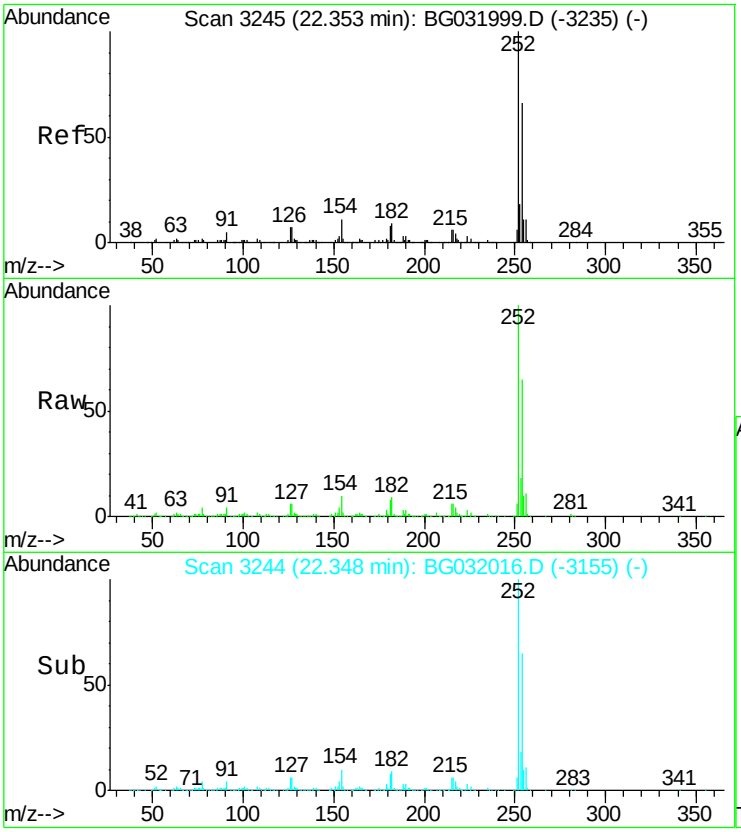


#80
Benzo(a)anthracene
Concen: 38.427 ng
RT: 22.46 min Scan# 3263
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:228 Resp: 1134609

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	20.6	16.2	24.2



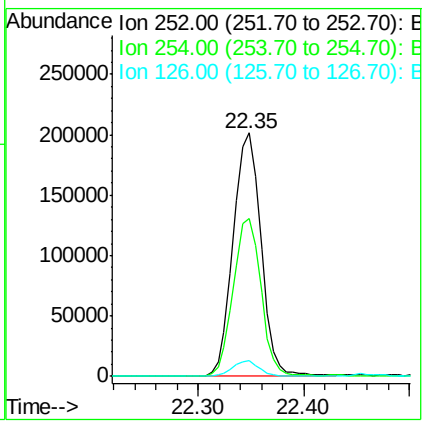


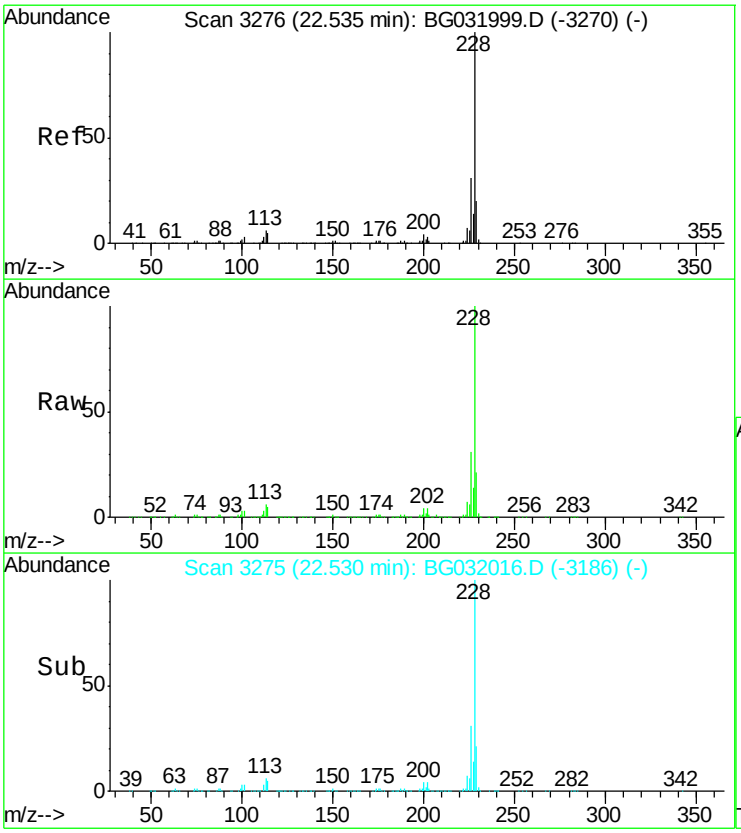
#81
3,3'-Dichlorobenzidine
Concen: 33.405 ng
RT: 22.35 min Scan# 3244
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:252 Resp: 368448

Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.8	76.2
126	6.4	7.4	11.2#

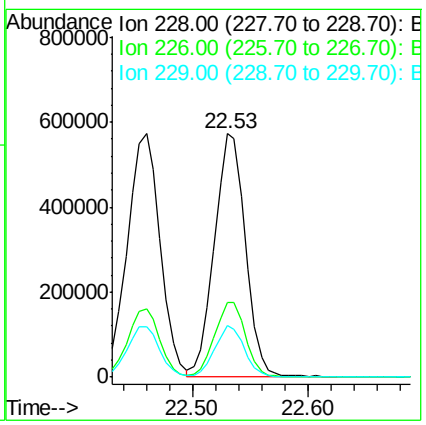


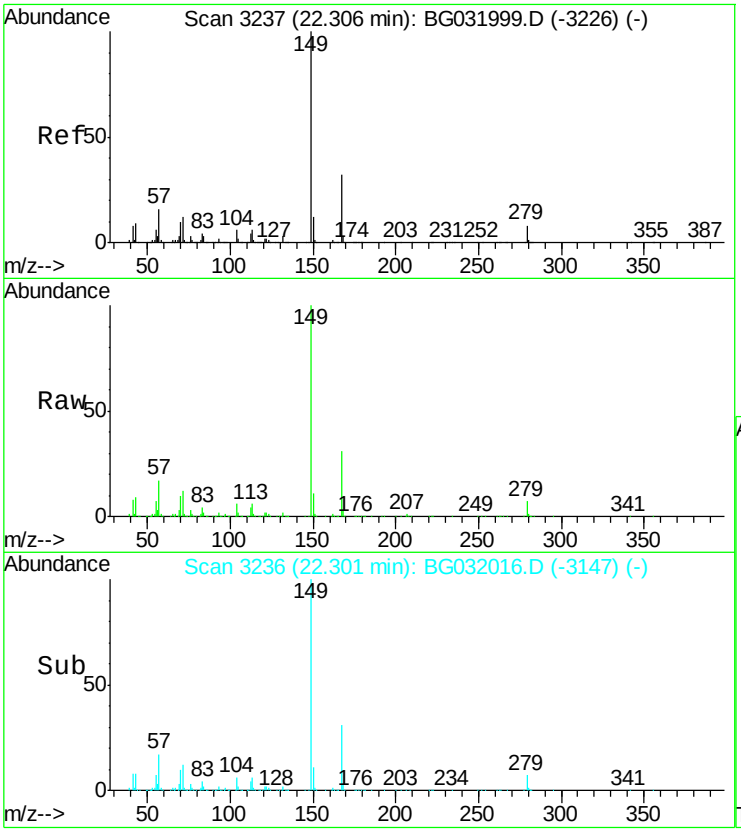


#82
Chrysene
Concen: 37.433 ng
RT: 22.53 min Scan# 3275
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:228 Resp: 1061462

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	21.1	15.0	22.4



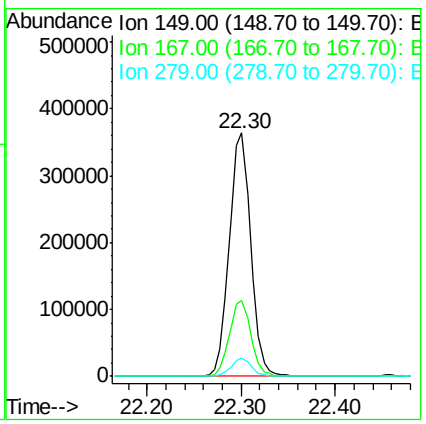


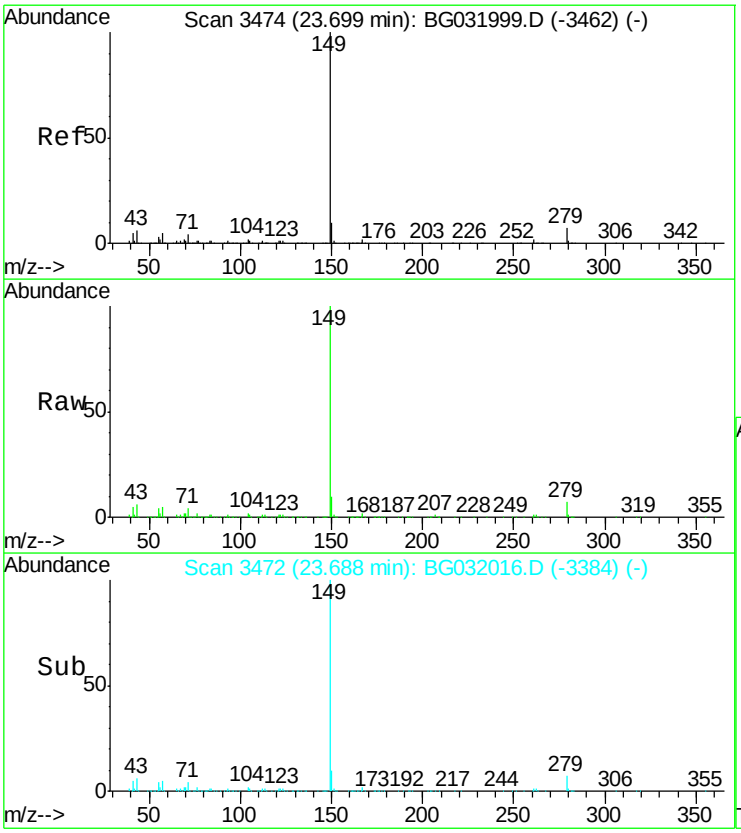
#83
Bis(2-ethylhexyl)phthalate
Concen: 36.783 ng
RT: 22.30 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:149 Resp: 576788

Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.3	36.5
279	7.4	4.0	6.0#

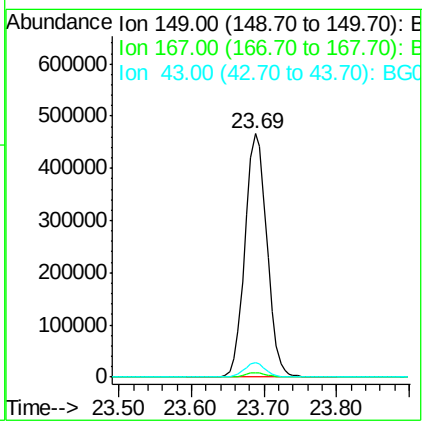


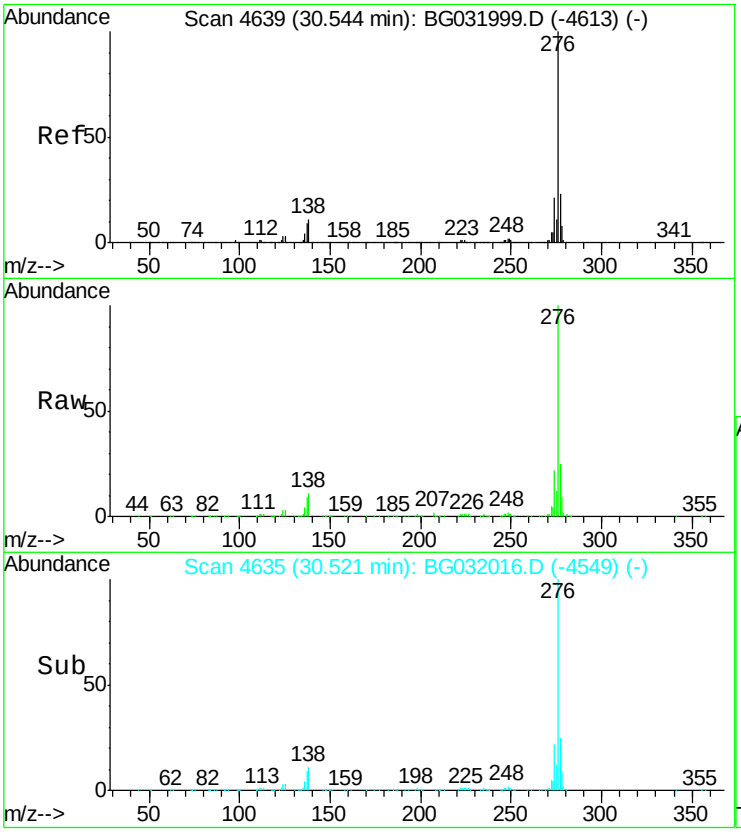


#84
Di-n-octyl phthalate
Concen: 39.464 ng
RT: 23.69 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:149 Resp: 982851

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	5.7	8.9	13.3#



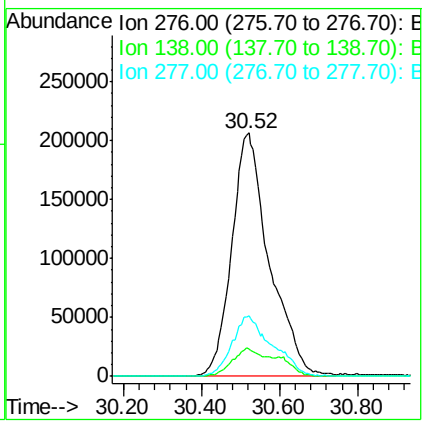


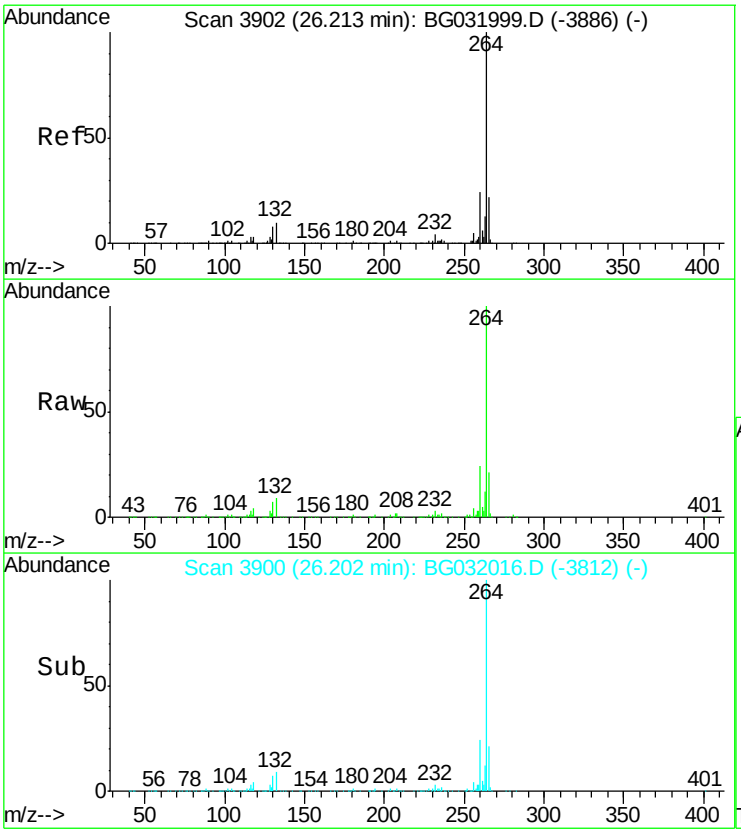
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.781 ng
RT: 30.52 min Scan# 4635
Delta R.T. -0.02 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:276 Resp: 1380488

Ion	Ratio	Lower	Upper
276	100		
138	10.7	16.0	24.0#
277	26.5	20.0	30.0

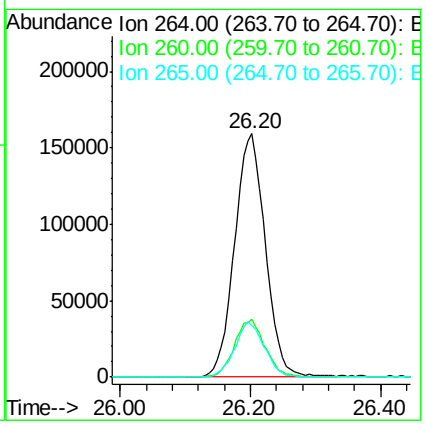


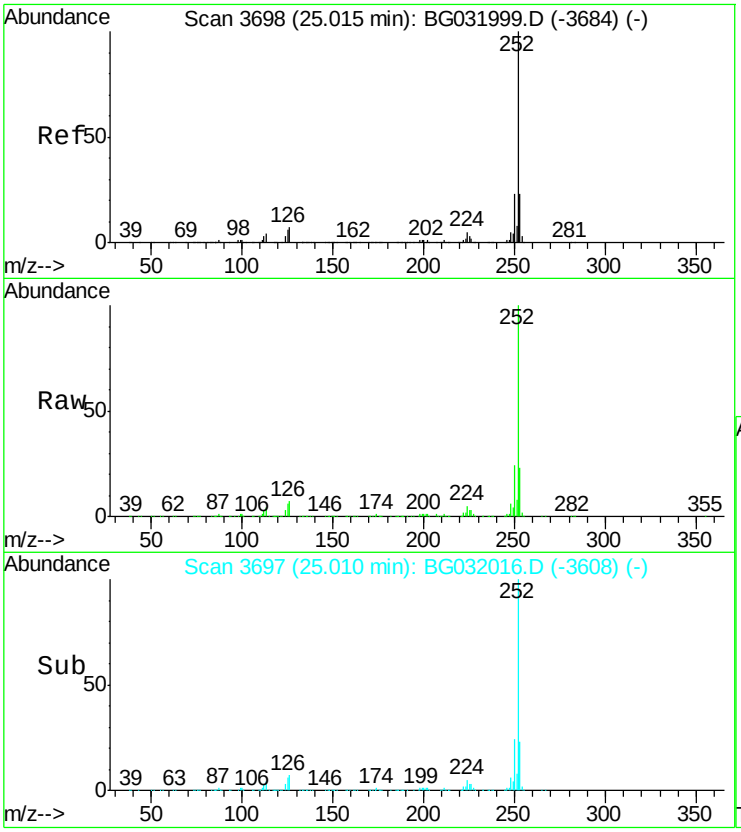


#86
Perylene-d12
Concen: 20.000 ng
RT: 26.20 min Scan# 3900
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:264 Resp: 520661

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.4	17.7	26.5



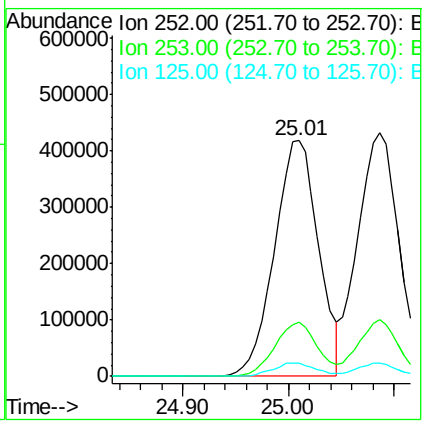


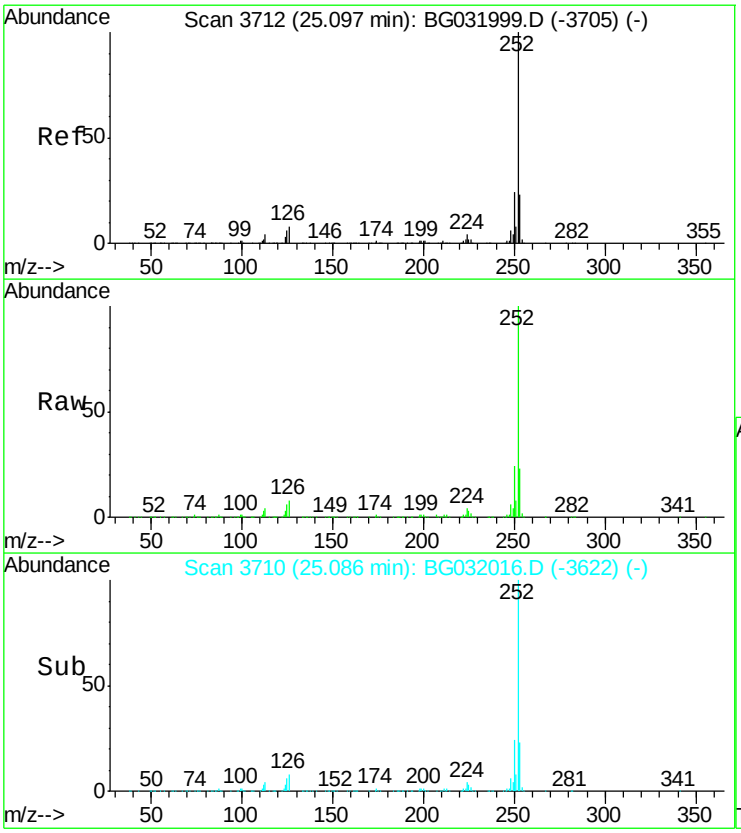
#87
Benzo(b)fluoranthene
Concen: 38.364 ng
RT: 25.01 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:252 Resp: 1207368

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	5.7	7.2	10.8#

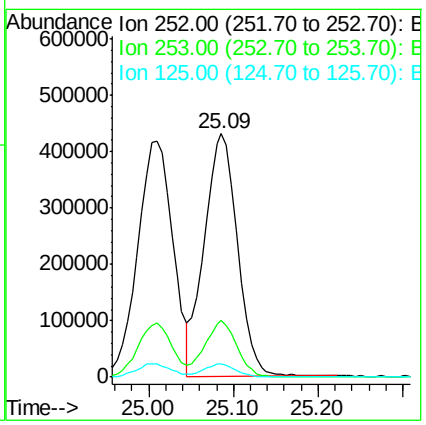


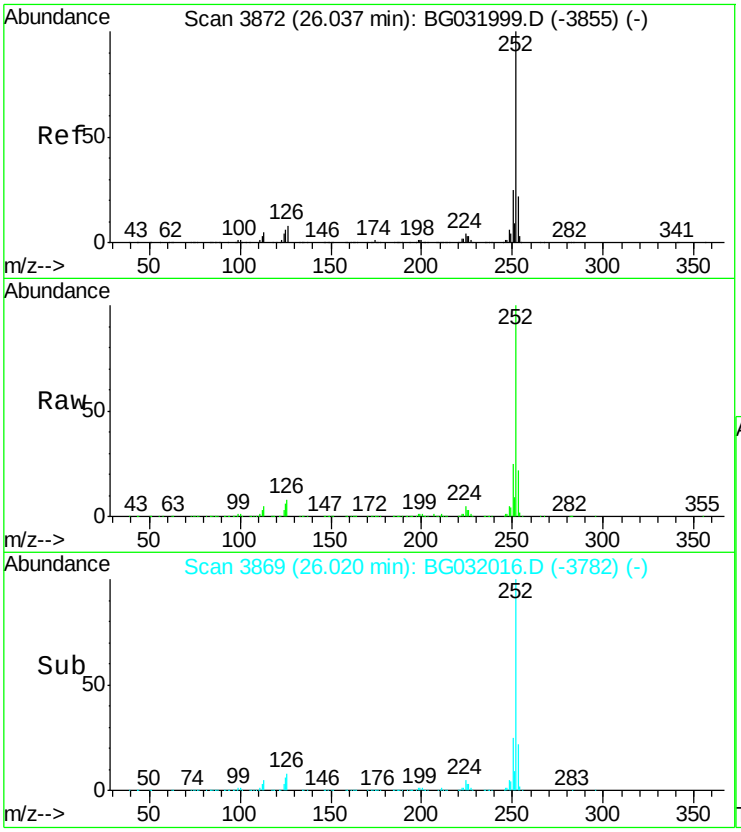


#88
Benzo(k)fluoranthene
Concen: 38.285 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:252 Resp: 1177369

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	5.5	6.6	9.8#



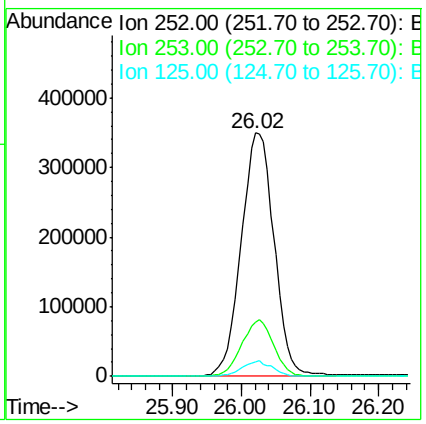


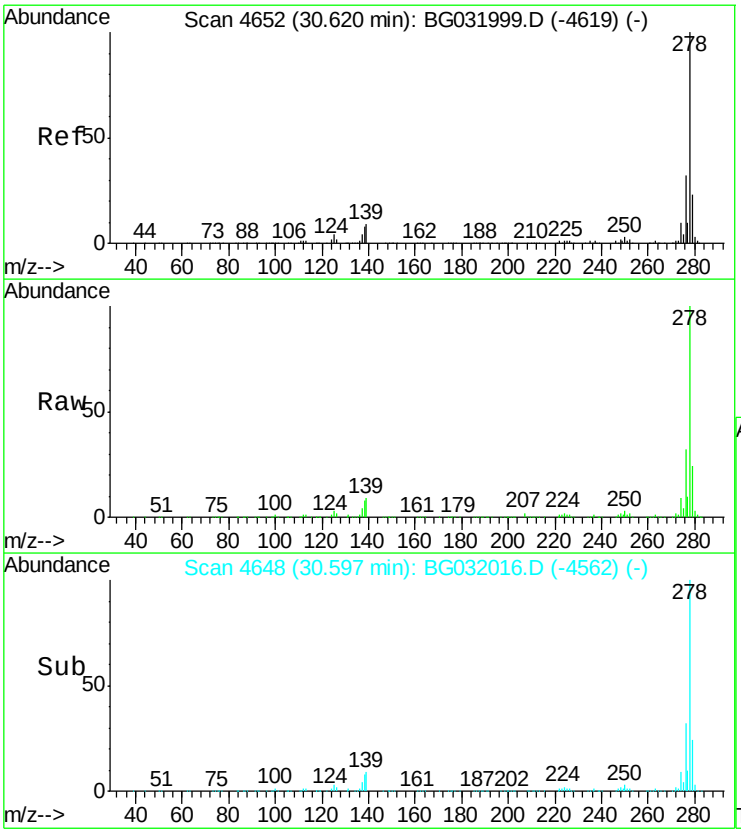
#89
Benzo(a)pyrene
Concen: 39.017 ng
RT: 26.02 min Scan# 3869
Delta R.T. -0.02 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:252 Resp: 1161570

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	5.7	7.3	10.9#

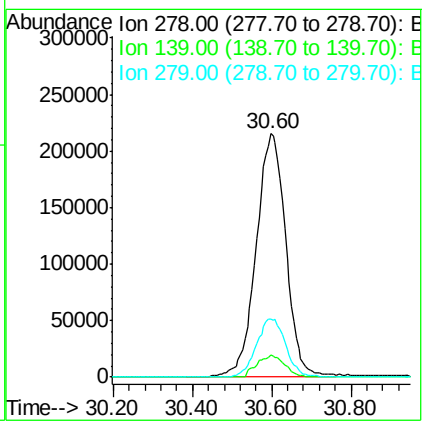


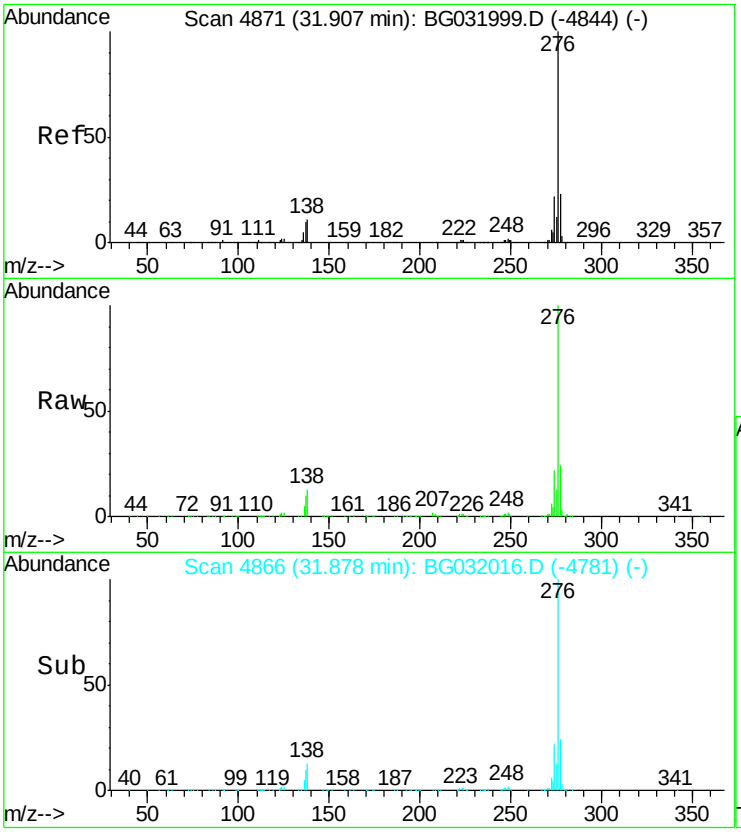


#90
Dibenzo(a,h)anthracene
Concen: 39.125 ng
RT: 30.60 min Scan# 4648
Delta R.T. -0.02 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:278 Resp: 1122411

Ion	Ratio	Lower	Upper
278	100		
139	9.4	9.8	14.6#
279	24.1	18.4	27.6





#91
Benzo(g,h,i)perylene
Concen: 39.479 ng
RT: 31.88 min Scan# 4866
Delta R.T. -0.03 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MS

Tgt Ion:276 Resp: 1157599

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.3	27.5
138	12.9	13.9	20.9#