Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032017.D
Acq On : 13 Jan 2018 00:24
Operator : SJ/JU
Sample : J1106-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-SAND-13MSD

Quant Time: Jan 13 03:01:10 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	57440	20.00	ng		0.00
21) Naphthalene-d8	11.65	136	234140	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	166534	20.00	ng		0.00
63) Phenanthrene-d10	18.14	188	415436	20.00	ng		0.00
75) Chrysene-d12	22.48	240	471852	20.00	ng		0.00
86) Perylene-d12	26.21	264	514769	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	350717	111.67	ng		0.00
7) Phenol-d6	7.88	99	451839	114.23	ng		0.00
23) Nitrobenzene-d5	9.97	82	251654	72.71	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	305142	110.73	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	886392	66.00	ng		0.00
78) Terphenyl-d14	20.67	244	1552476	72.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	29946	24.819	ng	#	75
3) Pyridine	4.30	79	70756	21.970	ng	#	81
4) n-Nitrosodimethylamine	4.21	42	41243	36.451	ng	#	87
6) Aniline	8.06	93	118059	23.663	ng		95
8) 2-Chlorophenol	8.32	128	128836	36.660	ng		83
9) Benzaldehyde	7.87	77	21418	9.346	ng	#	79
10) Phenol	7.91	94	166547	42.744	ng		94
11) bis(2-Chloroethyl)ether	8.16	93	102998	32.995	ng	#	79
12) 1,3-Dichlorobenzene	8.66	146	139437	30.316	ng	#	94
13) 1,4-Dichlorobenzene	8.81	146	141271	30.504	ng		93
14) 1,2-Dichlorobenzene	9.14	146	138454	30.910	ng		96
15) Benzyl Alcohol	9.00	79	102946	35.827	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.30	45	106779	33.659	ng		79
17) 2-Methylphenol	9.20	107	107022	35.941	ng		97
18) Hexachloroethane	9.90	117	44576	31.319	ng	#	86
19) n-Nitroso-di-n-propylamine	9.59	70	84826	34.564	ng	#	81
20) 3+4-Methylphenols	9.54	107	144655	35.067	ng		96
22) Acetophenone	9.62	105	185680	34.912	ng	#	85
24) Nitrobenzene	10.01	77	119596	34.644	ng	#	81
25) Isophorone	10.54	82	239498	37.165	ng	#	86
26) 2-Nitrophenol	10.74	139	78366	38.312	ng	#	82
27) 2,4-Dimethylphenol	10.78	122	134276	41.367	ng		94
28) bis(2-Chloroethoxy)methane	11.02	93	148760	38.314	ng	#	96
29) 2,4-Dichlorophenol	11.28	162	159670	39.977	ng		88
30) 1,2,4-Trichlorobenzene	11.51	180	169637	32.887	ng		97
31) Naphthalene	11.71	128	397672	34.286	ng		98
32) Benzoic acid	10.87	122	44907	20.614	ng	#	74
33) 4-Chloroaniline	11.80	127	121896	24.508	ng	#	91
34) Hexachlorobutadiene	11.98	225	114679	30.953	ng		93
35) Caprolactam	12.54	113	47974	39.592	ng	#	47
36) 4-Chloro-3-methylphenol	12.87	107	146195	39.989	ng		86
37) 2-Methylnaphthalene	13.27	142	326279	35.432	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	235134	32.391	ng	#	96
40) Hexachlorocyclopentadiene	13.60	237	288123	70.469	ng		93

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032017.D
Acq On : 13 Jan 2018 00:24
Operator : SJ/JU
Sample : J1106-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-SAND-13MSD

Quant Time: Jan 13 03:01:10 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	151908	37.243	ng		96
43) 2,4,5-Trichlorophenol	13.92	196	161044	34.111	ng	#	89
45) 1,1'-Biphenyl	14.24	154	474006	33.202	ng		96
46) 2-Chloronaphthalene	14.30	162	357447	32.184	ng		96
47) 2-Nitroaniline	14.49	65	78469	36.906	ng	#	59
48) Acenaphthylene	15.14	152	541780	32.034	ng		99
49) Dimethylphthalate	14.83	163	556488	38.186	ng	#	99
50) 2,6-Dinitrotoluene	14.96	165	109930	36.342	ng	#	70
51) Acenaphthene	15.47	154	403406	36.072	ng		96
52) 3-Nitroaniline	15.30	138	77866	28.501	ng	#	67
53) 2,4-Dinitrophenol	15.49	184	112291	74.525	ng	#	71
54) Dibenzofuran	15.80	168	567271	34.003	ng		98
55) 4-Nitrophenol	15.57	139	158580	79.648	ng	#	73
56) 2,4-Dinitrotoluene	15.74	165	154153	37.853	ng	#	65
57) Fluorene	16.44	166	450421	32.920	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.01	232	168098	38.489	ng	#	85
59) Diethylphthalate	16.18	149	468988	33.196	ng		97
60) 4-Chlorophenyl-phenylether	16.42	204	280672	33.441	ng		90
61) 4-Nitroaniline	16.45	138	95633	36.491	ng		85
62) Azobenzene	16.71	77	298546	33.762	ng		84
64) 4,6-Dinitro-2-methylphenol	16.50	198	86422	34.078	ng	#	68
65) n-Nitrosodiphenylamine	16.63	169	427909	33.945	ng		98
66) 4-Bromophenyl-phenylether	17.31	248	199920	33.822	ng		93
67) Hexachlorobenzene	17.44	284	207329	31.704	ng	#	91
68) Atrazine	17.55	200	190226	35.882	ng		98
69) Pentachlorophenol	17.78	266	278628	66.658	ng		99
70) Phenanthrene	18.18	178	754203	32.607	ng		99
71) Anthracene	18.27	178	777607	33.707	ng		98
72) Carbazole	18.53	167	682180	34.088	ng		99
73) Di-n-butylphthalate	19.04	149	771489	32.624	ng		99
74) Fluoranthene	20.14	202	965365	33.335	ng		96
76) Benzidine	20.30	184	271809	23.036	ng		99
77) Pyrene	20.50	202	974498	32.853	ng		98
79) Butylbenzylphthalate	21.36	149	351015	33.028	ng	#	76
80) Benzo(a)anthracene	22.46	228	997902	34.006	ng		98
81) 3,3'-Dichlorobenzidine	22.35	252	298655	27.245	ng	#	94
82) Chrysene	22.54	228	926129	32.863	ng		98
83) Bis(2-ethylhexyl)phthalate	22.30	149	510454	32.754	ng	#	98
84) Di-n-octyl phthalate	23.69	149	862591	34.850	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.53	276	1182920	34.299	ng	#	89
87) Benzo(b)fluoranthene	25.01	252	1049601	33.733	ng	#	96
88) Benzo(k)fluoranthene	25.09	252	1019138	33.519	ng	#	97
89) Benzo(a)pyrene	26.03	252	1015599	34.505	ng	#	98
90) Dibenzo(a,h)anthracene	30.61	278	974894	34.371	ng	#	95
91) Benzo(g,h,i)perylene	31.88	276	1011932	34.906	ng	#	93

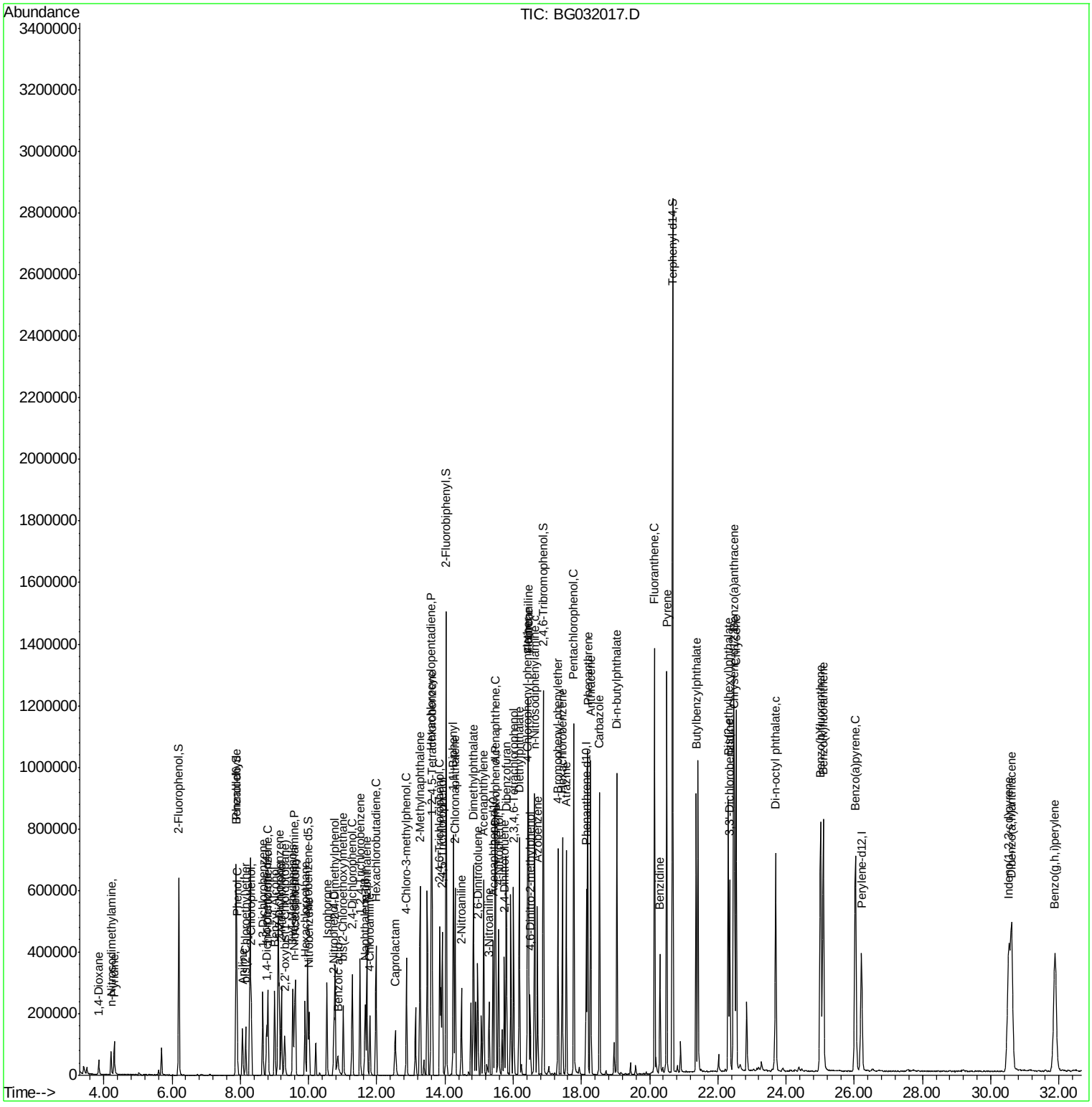
(#) = qualifier out of range (m) = manual integration (+) = signals summed

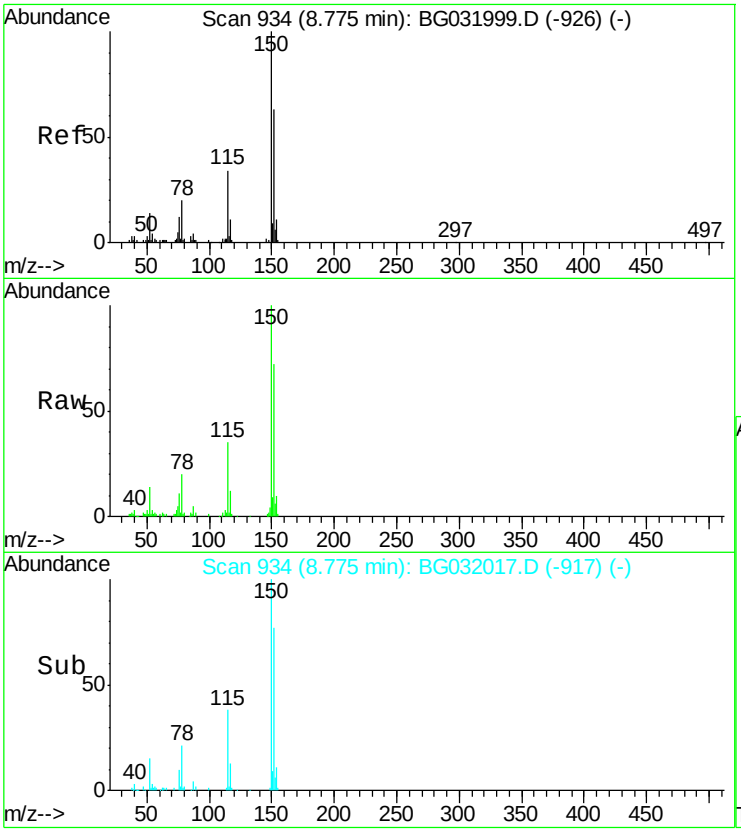
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032017.D
Acq On : 13 Jan 2018 00:24
Operator : SJ/JU
Sample : J1106-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Quant Time: Jan 13 03:01:10 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



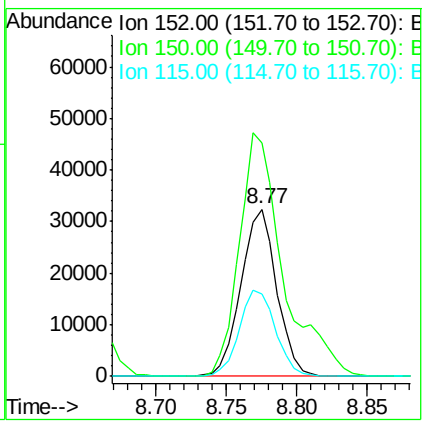


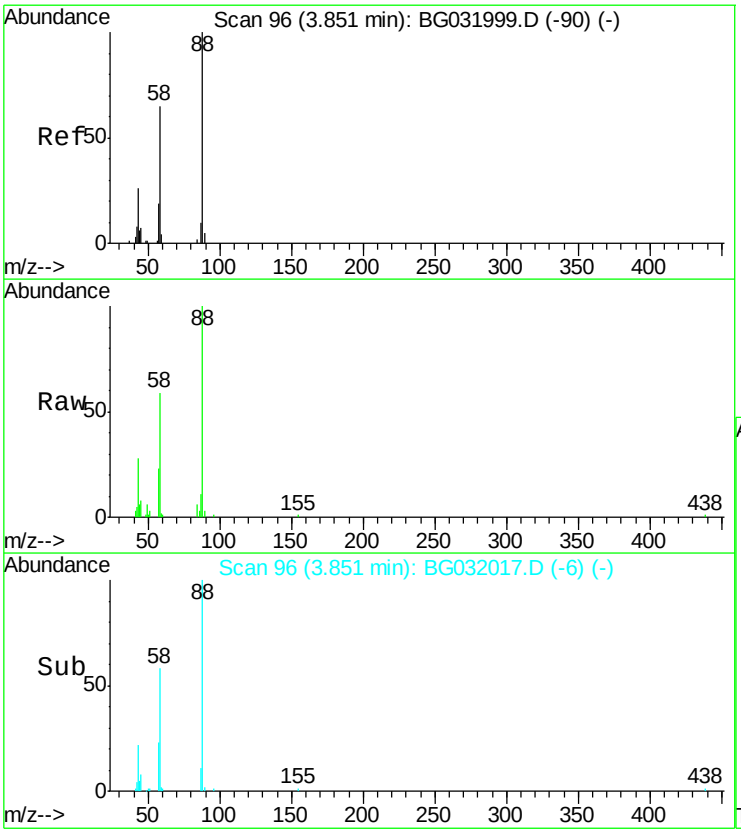
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:152 Resp: 57440

Ion	Ratio	Lower	Upper
152	100		
150	139.8	126.6	189.8
115	49.2	53.0	79.4#

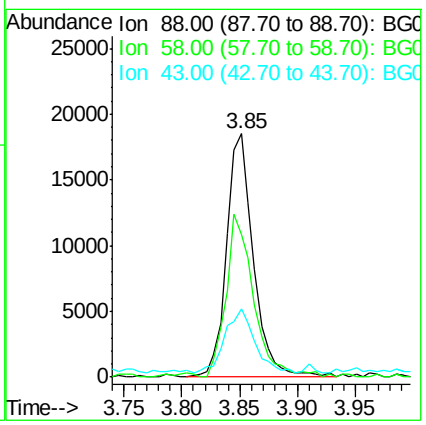


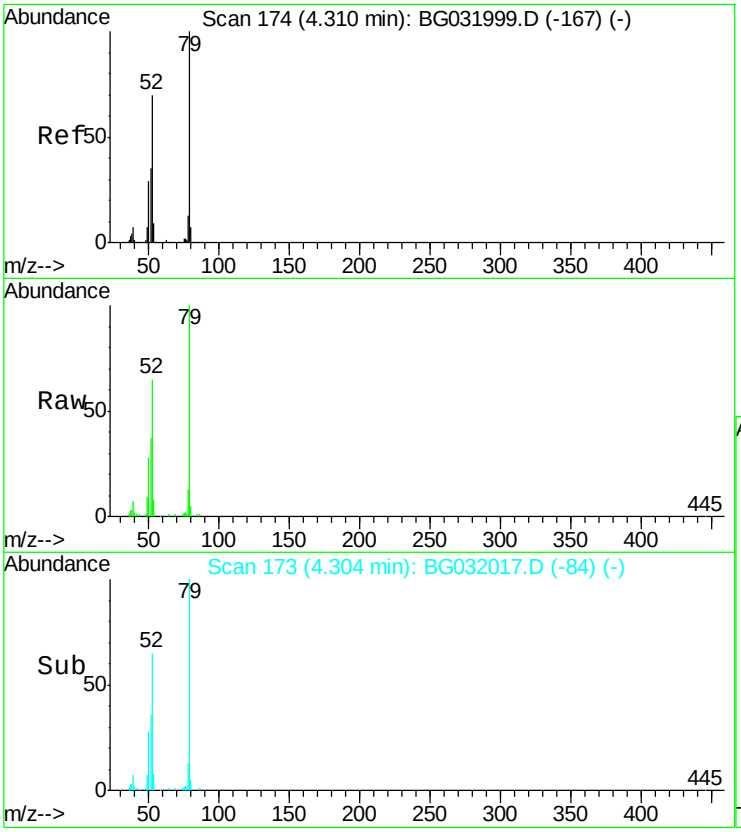


#2
1,4-Dioxane
Concen: 24.819 ng
RT: 3.85 min Scan# 96
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion: 88 Resp: 29946

Ion	Ratio	Lower	Upper
88	100		
58	68.6	79.6	119.4#
43	29.4	27.4	41.0



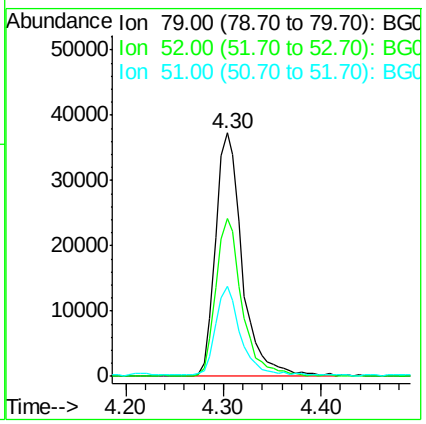


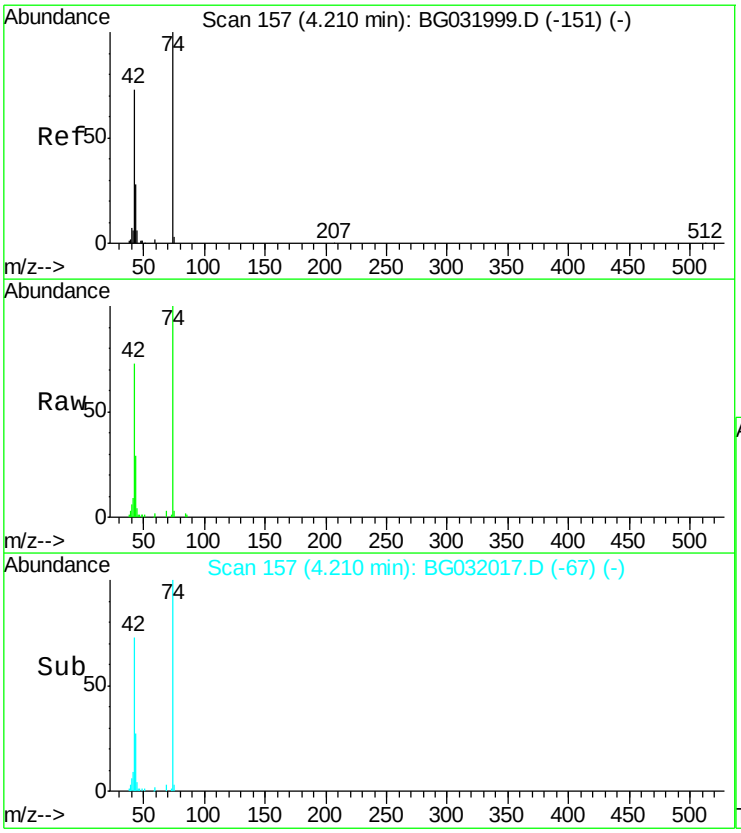
#3
Pyridine
Concen: 21.970 ng
RT: 4.30 min Scan# 173
Delta R.T. -0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion: 79 Resp: 70756

Ion	Ratio	Lower	Upper
79	100		
52	65.1	69.9	104.9#
51	36.8	34.0	51.0

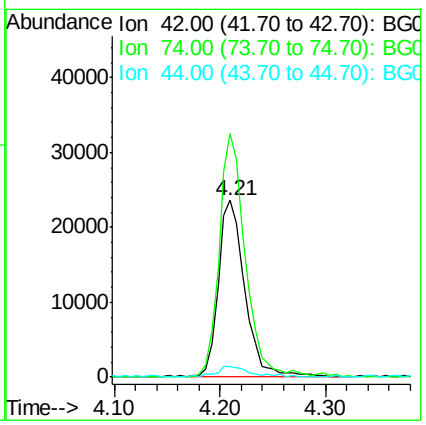


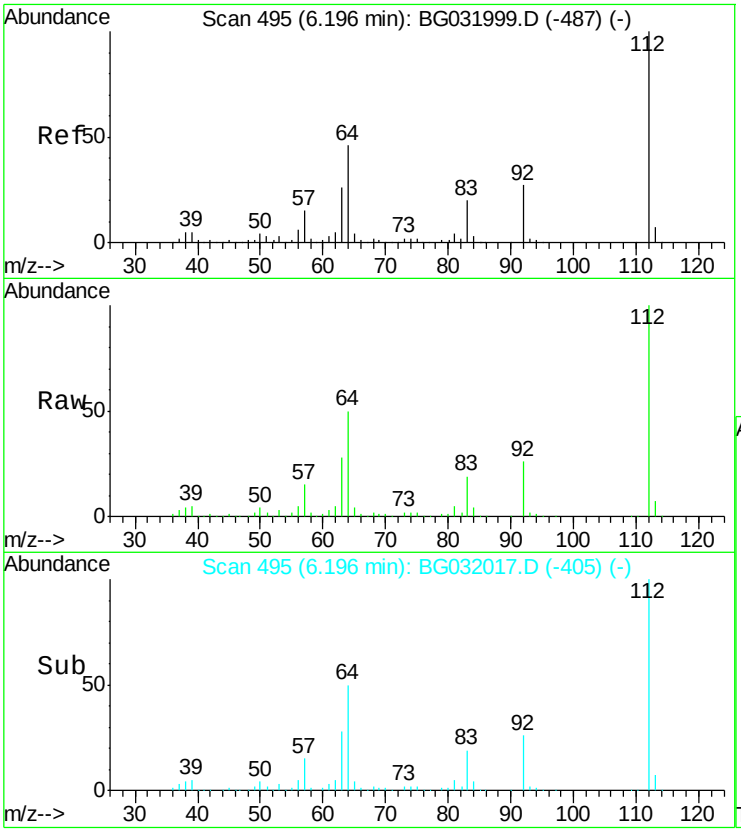


#4
n-Nitrosodimethylamine
Concen: 36.451 ng
RT: 4.21 min Scan# 157
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion: 42 Resp: 41243

Ion	Ratio	Lower	Upper
42	100		
74	137.9	102.5	153.7
44	5.9	18.9	28.3#



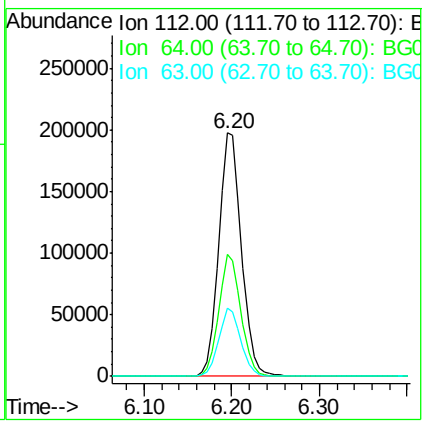


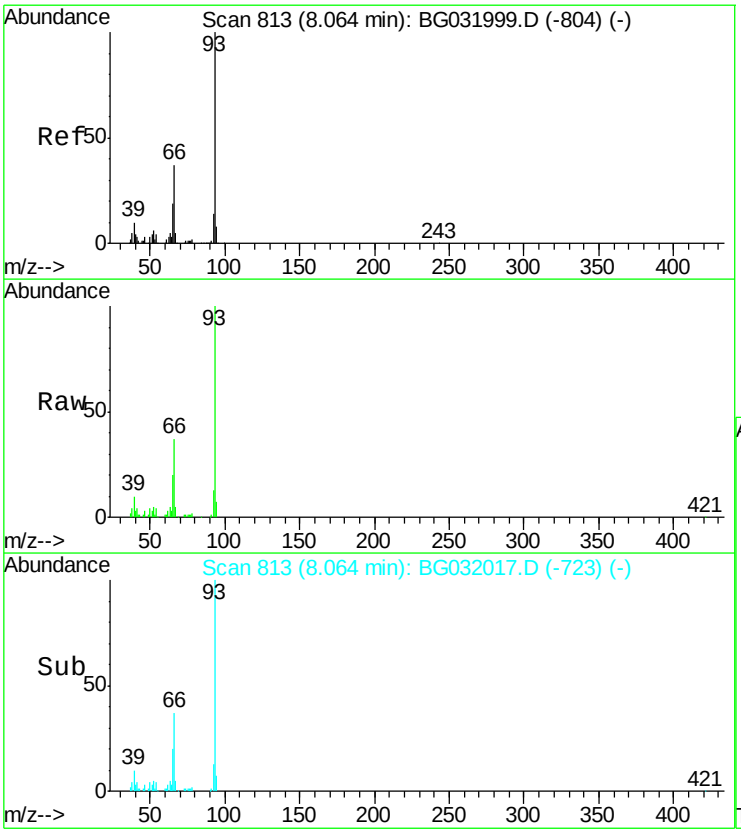
#5
2-Fluorophenol
Concen: 111.671 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:112 Resp: 350717

Ion	Ratio	Lower	Upper
112	100		
64	50.2	56.3	84.5#
63	28.0	30.1	45.1#

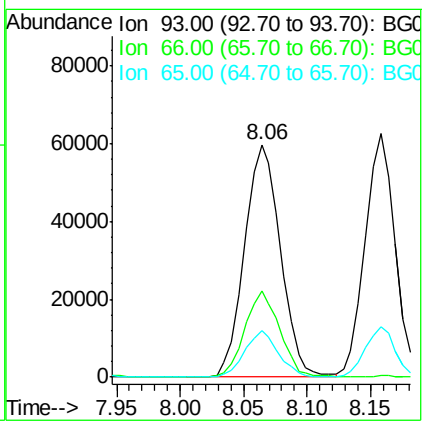


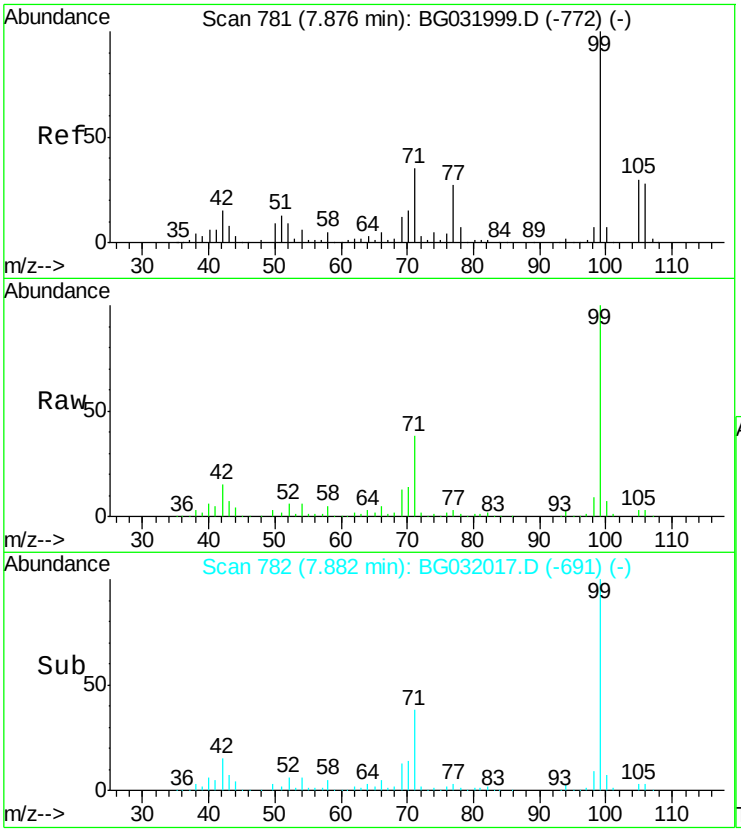


#6
Aniline
Concen: 23.663 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion: 93 Resp: 118059

Ion	Ratio	Lower	Upper
93	100		
66	37.2	33.7	50.5
65	19.9	16.1	24.1



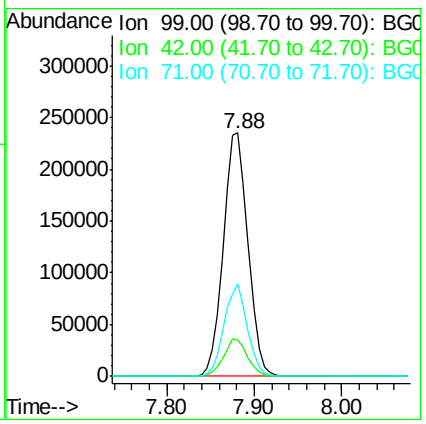


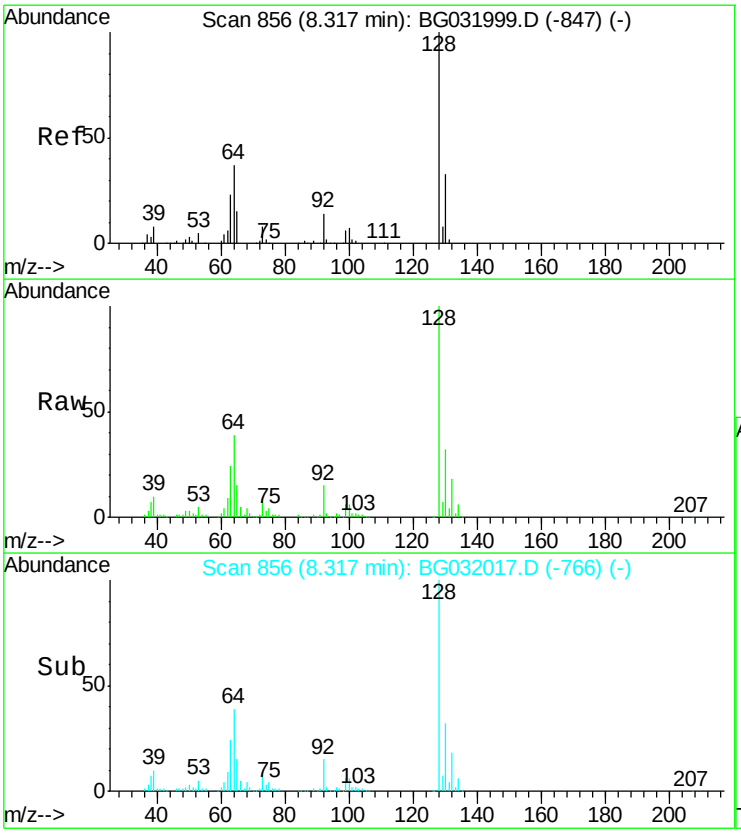
#7
Phenol-d6
Concen: 114.233 ng
RT: 7.88 min Scan# 782
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion: 99 Resp: 451839

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.1	21.1
71	37.8	26.1	39.1

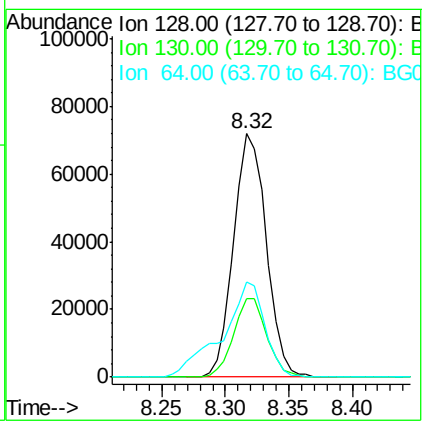


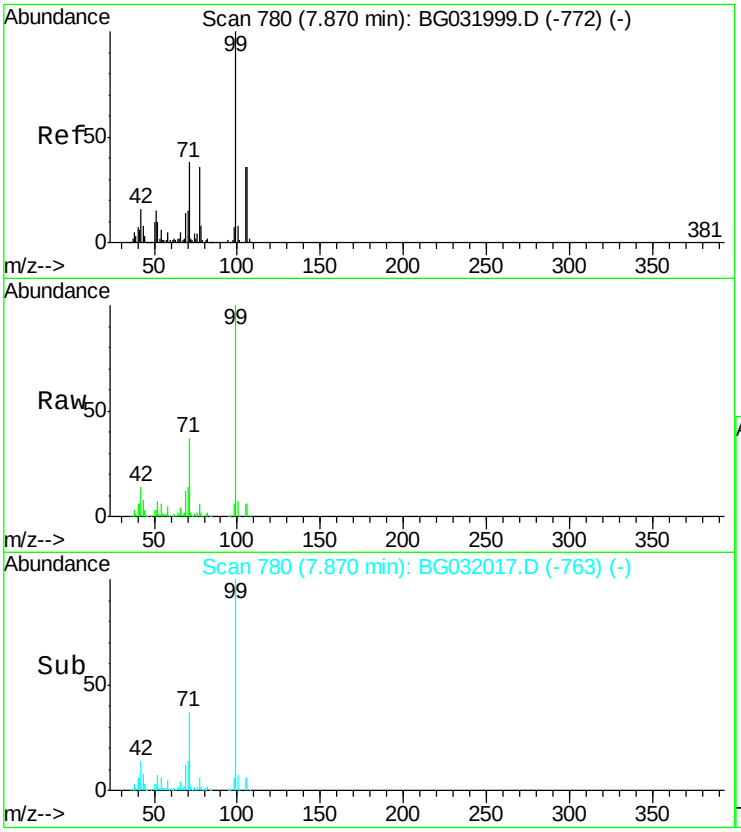


#8
2-Chlorophenol
Concen: 36.660 ng
RT: 8.32 min Scan# 856
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:128 Resp: 128836

Ion	Ratio	Lower	Upper
128	100		
130	32.4	14.0	54.0
64	39.0	37.7	77.7



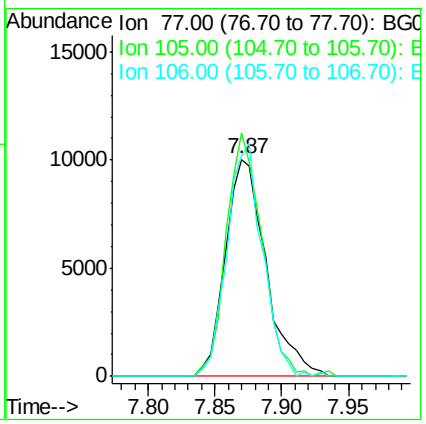


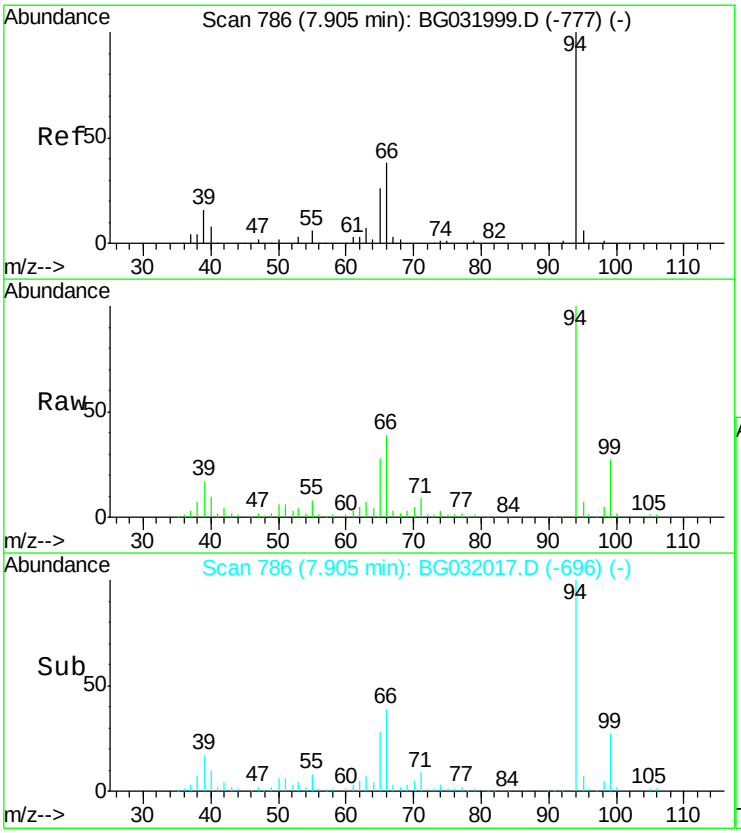
#9
Benzaldehyde
Concen: 9.346 ng
RT: 7.87 min Scan# 780
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion: 77 Resp: 21418

Ion	Ratio	Lower	Upper
77	100		
105	112.3	71.3	111.3#
106	101.9	64.2	104.2

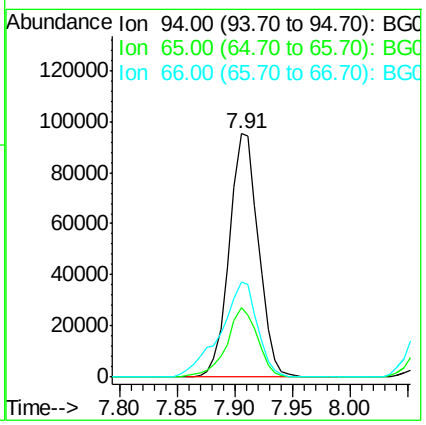


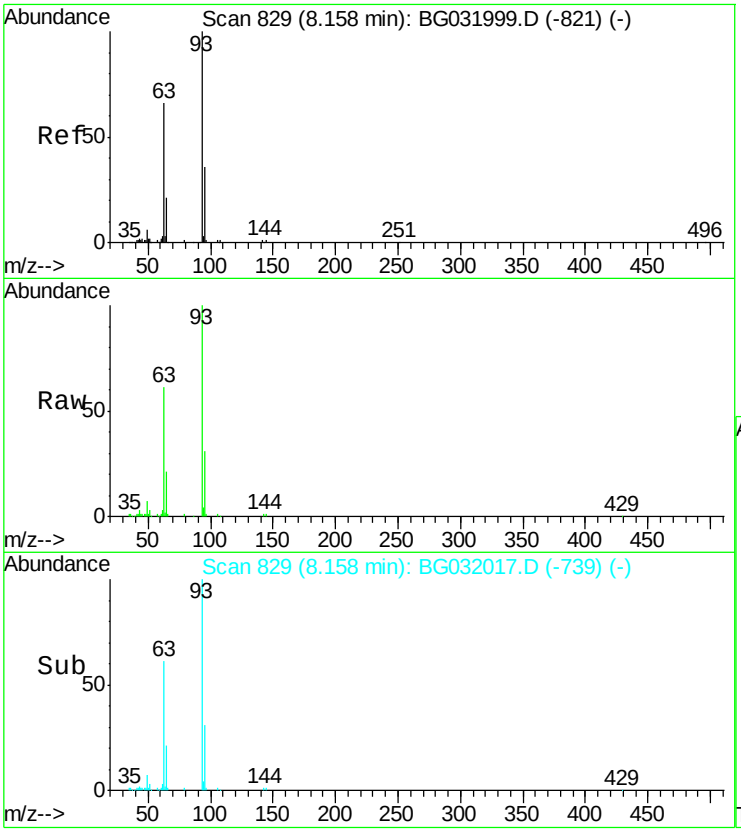


#10
Phenol
Concen: 42.744 ng
RT: 7.91 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion: 94 Resp: 166547

Ion	Ratio	Lower	Upper
94	100		
65	28.3	11.9	51.9
66	39.1	22.2	62.2



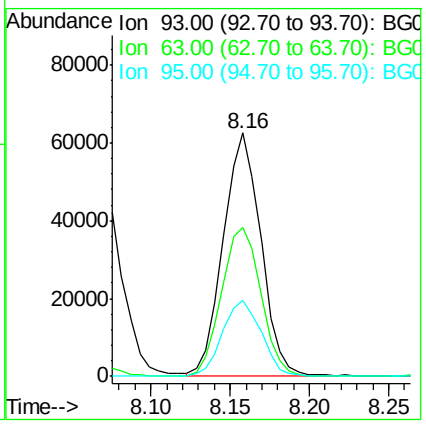


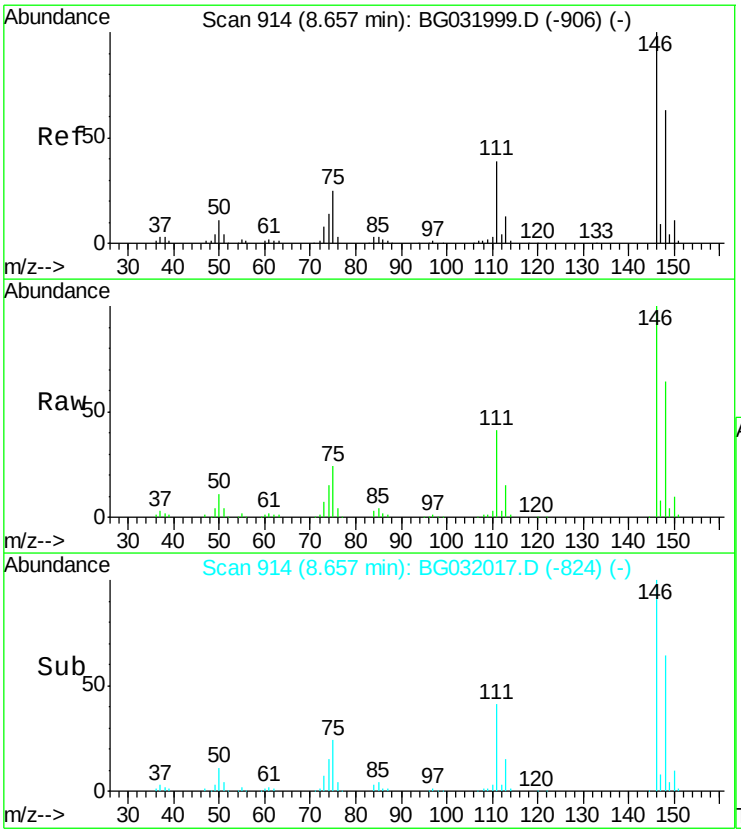
#11
bis(2-Chloroethyl)ether
Concen: 32.995 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion: 93 Resp: 102998

Ion	Ratio	Lower	Upper
93	100		
63	61.0	67.1	107.1#
95	31.3	11.5	51.5

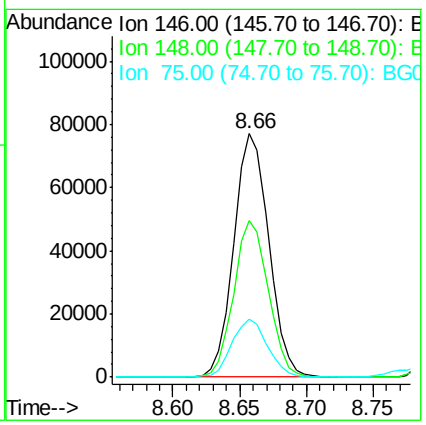


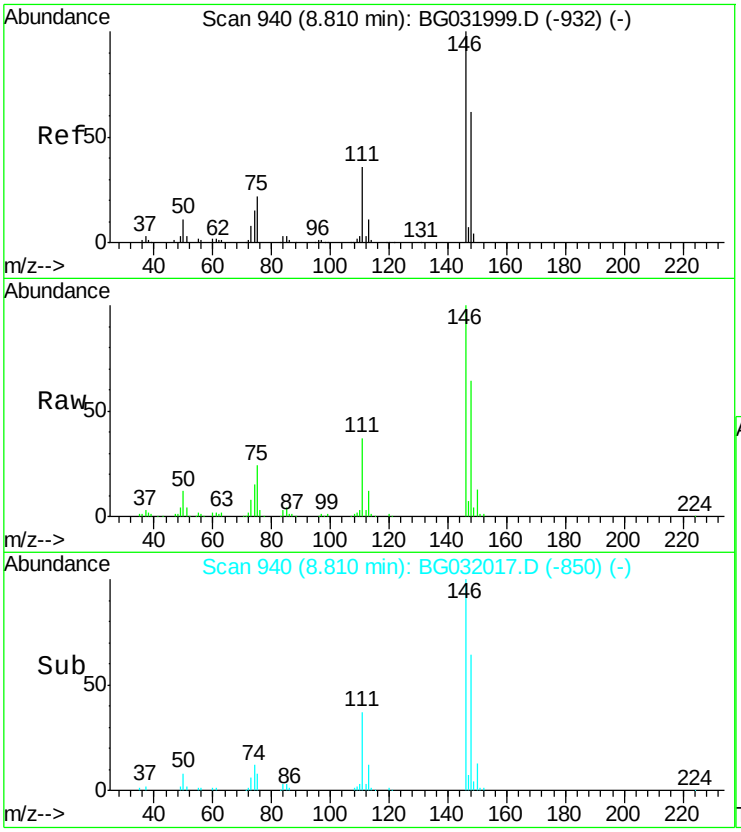


#12
1,3-Dichlorobenzene
Concen: 30.316 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:146 Resp: 139437

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
75	23.7	26.6	39.8#



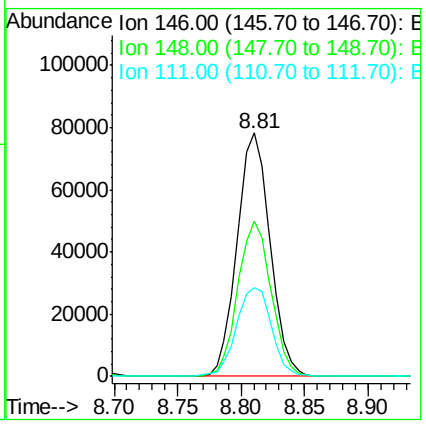


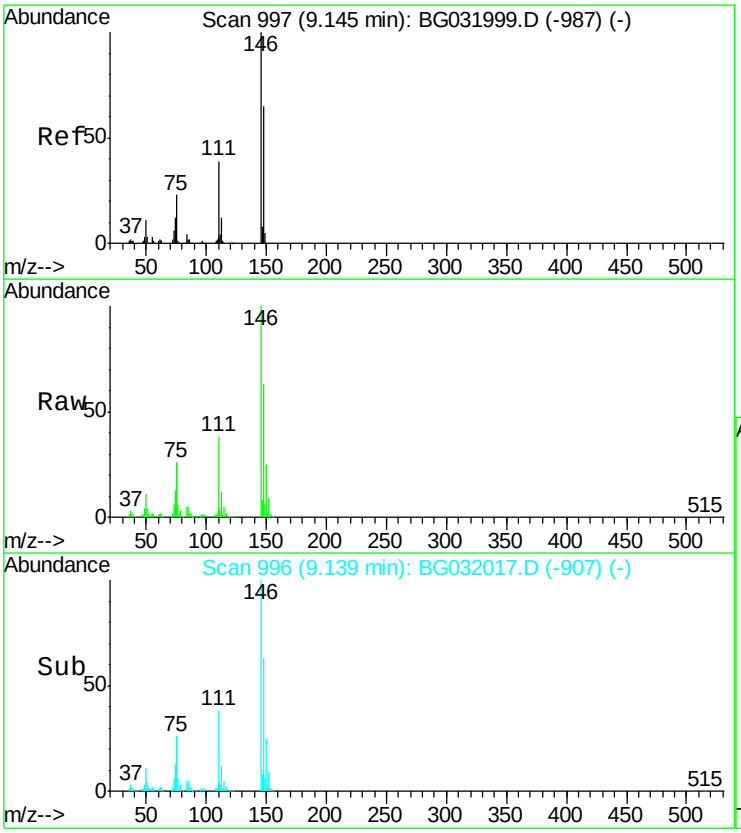
#13
1,4-Dichlorobenzene
Concen: 30.504 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:146 Resp: 141271

Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.7	80.5
111	36.6	35.2	52.8

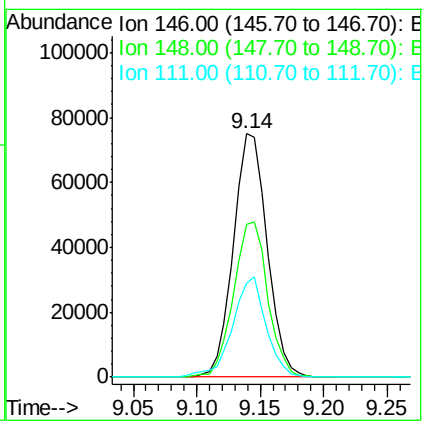


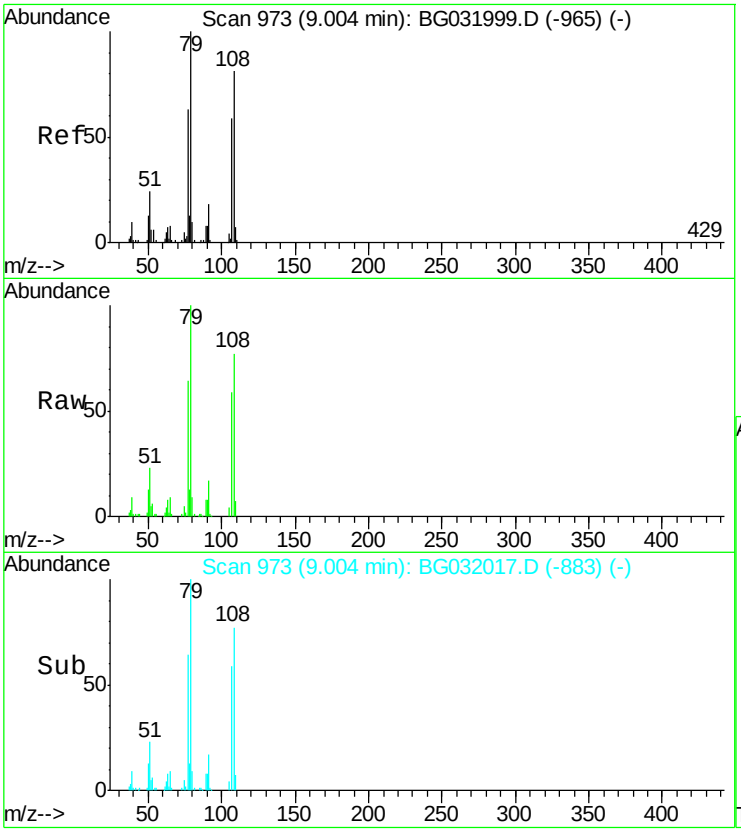


#14
1,2-Dichlorobenzene
Concen: 30.910 ng
RT: 9.14 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:146 Resp: 138454

Ion	Ratio	Lower	Upper
146	100		
148	63.0	49.3	73.9
111	38.4	34.3	51.5



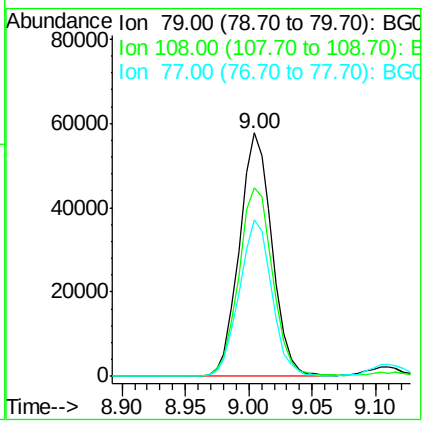


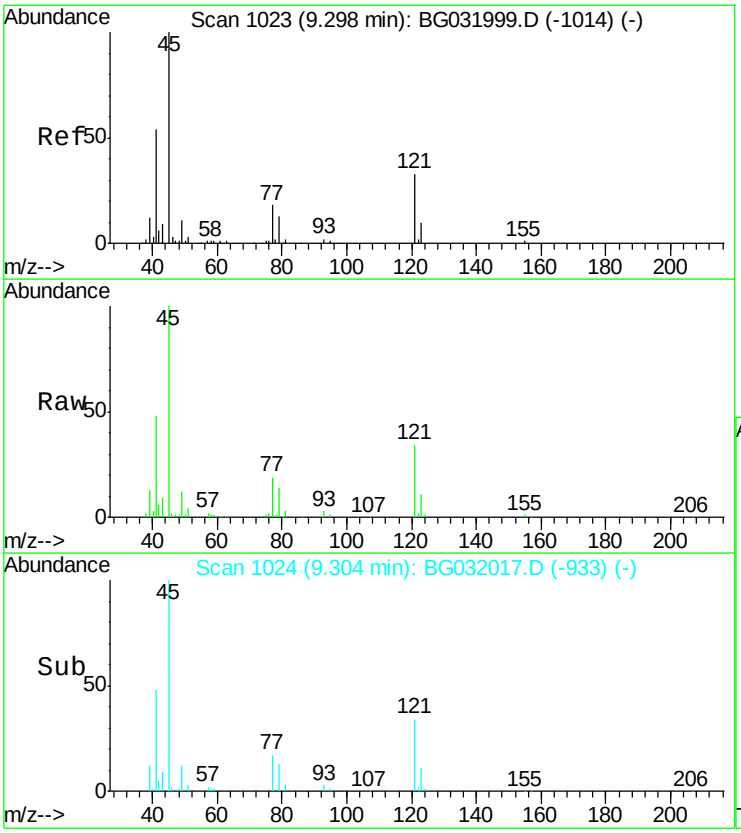
#15
Benzyl Alcohol
Concen: 35.827 ng
RT: 9.00 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion: 79 Resp: 102946

Ion	Ratio	Lower	Upper
79	100		
108	77.5	57.2	85.8
77	64.4	46.1	69.1

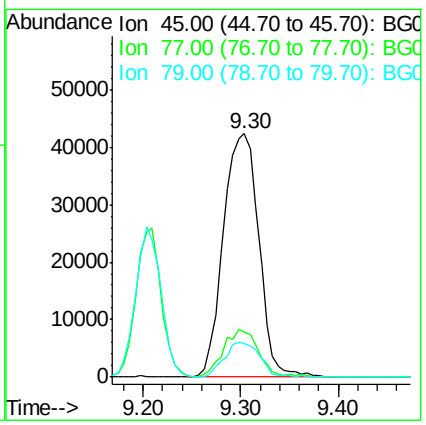


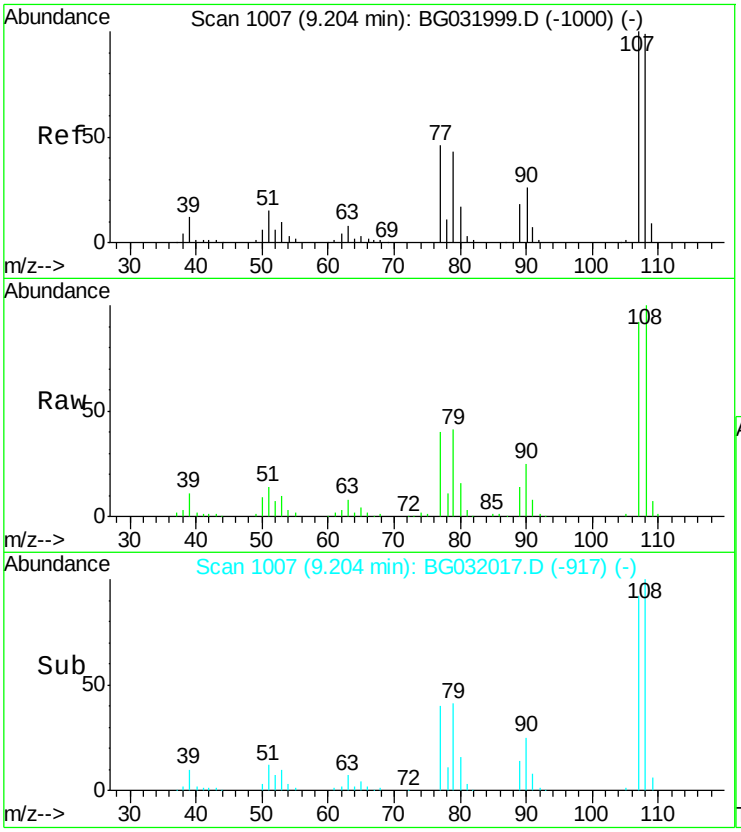


#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.659 ng
RT: 9.30 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion: 45 Resp: 106779

Ion	Ratio	Lower	Upper
45	100		
77	18.7	0.0	30.2
79	14.1	0.0	27.9



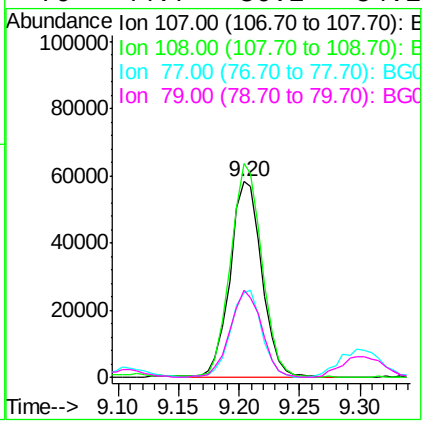


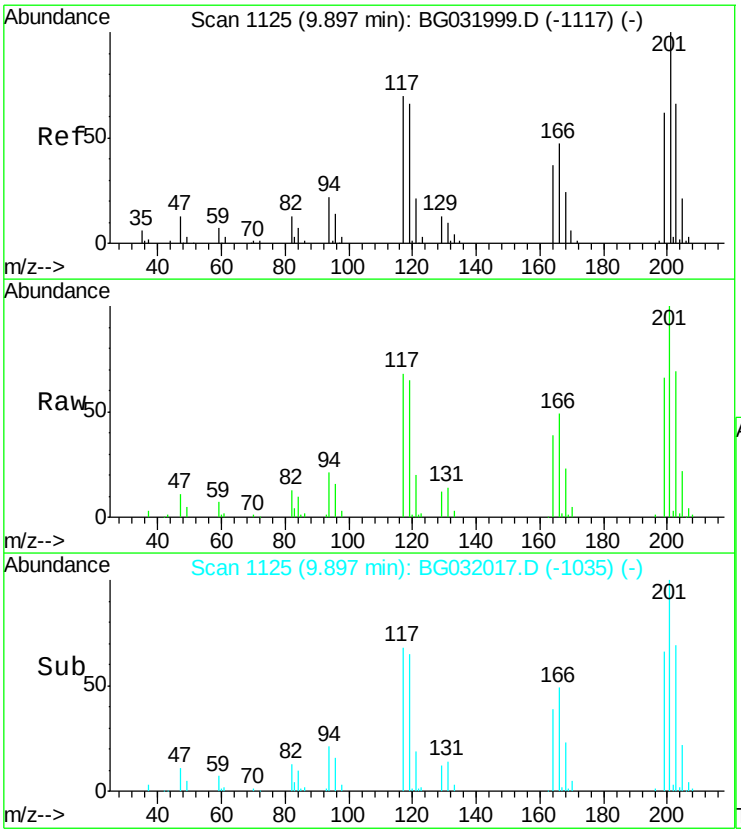
#17
2-Methylphenol
Concen: 35.941 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:107 Resp: 107022

Ion	Ratio	Lower	Upper
107	100		
108	109.2	83.9	125.9
77	43.5	37.2	55.8
79	44.7	36.2	54.2

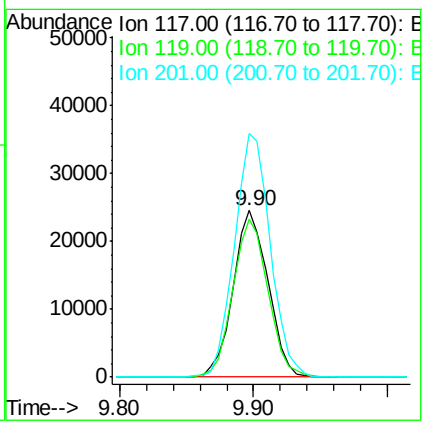


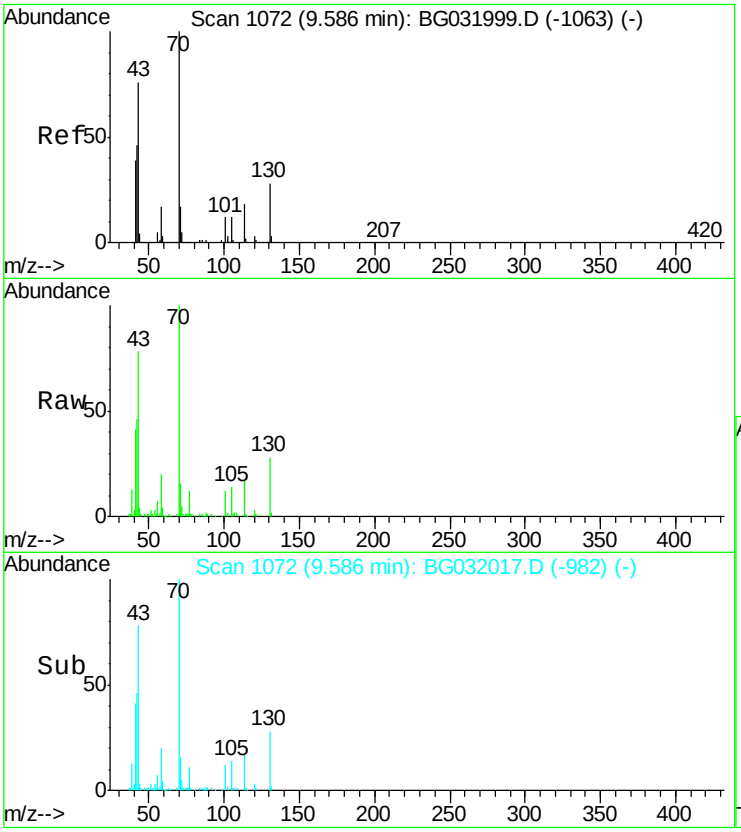


#18
Hexachloroethane
Concen: 31.319 ng
RT: 9.90 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:117 Resp: 44576

Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.7	115.1
201	146.2	95.7	143.5#



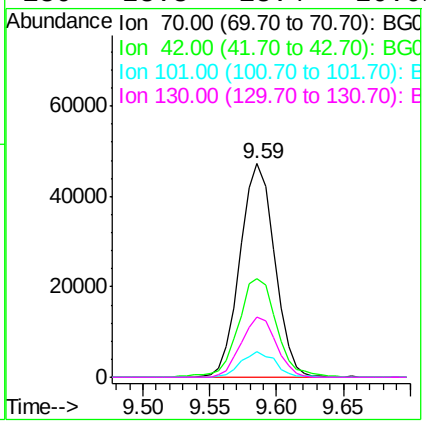


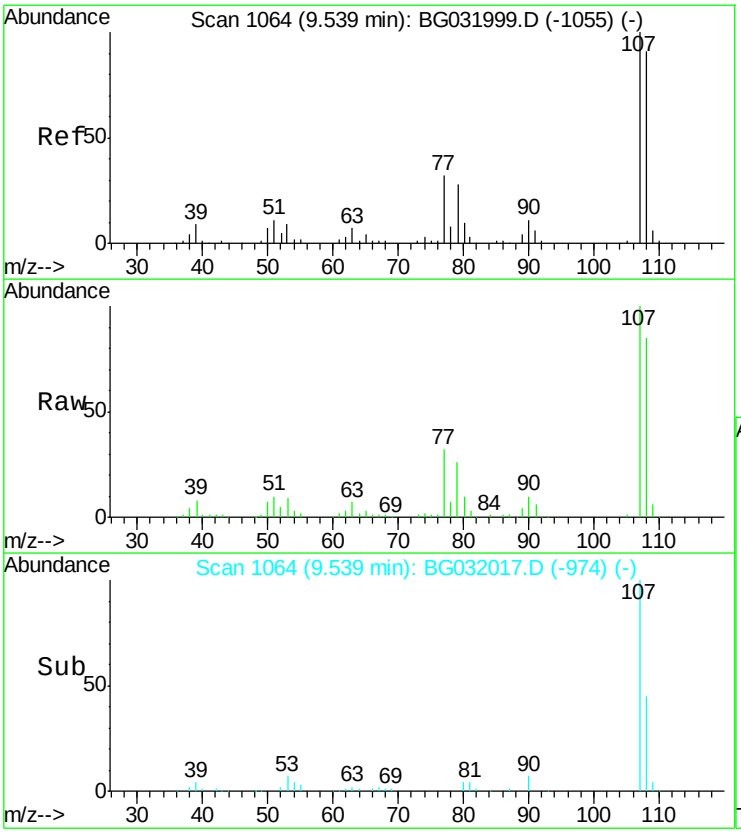
#19
n-Nitroso-di-n-propylamine
Concen: 34.564 ng
RT: 9.59 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion: 70 Resp: 84826

Ion	Ratio	Lower	Upper
70	100		
42	46.1	49.1	73.7#
101	11.8	8.5	12.7
130	28.3	13.4	20.0#

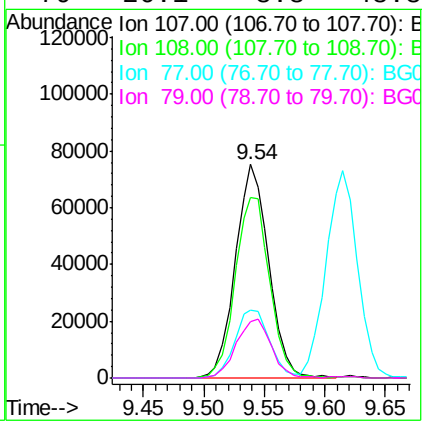


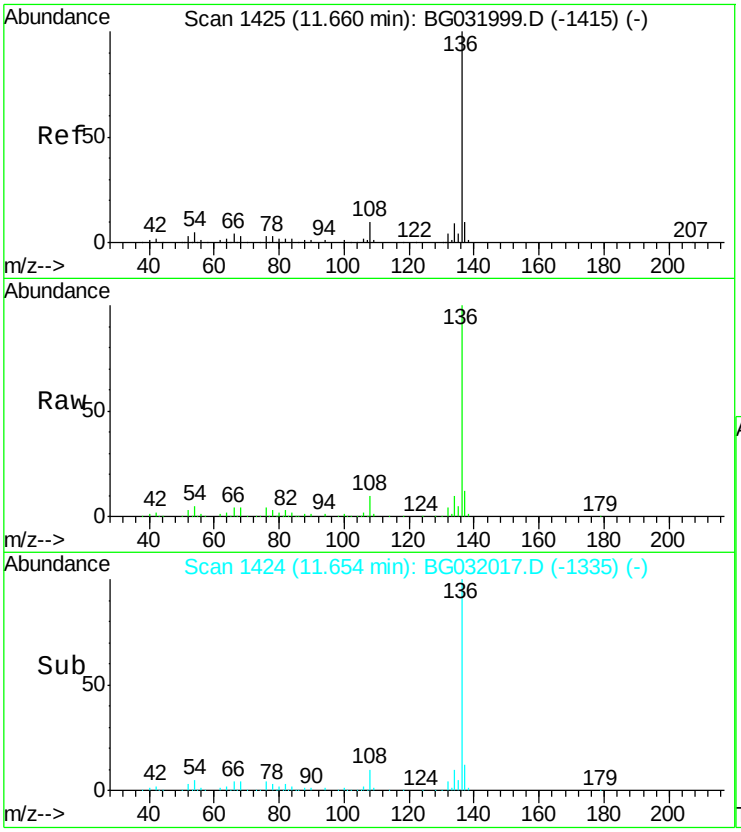


#20
3+4-Methylphenols
Concen: 35.067 ng
RT: 9.54 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:107 Resp: 144655

Ion	Ratio	Lower	Upper
107	100		
108	84.5	61.6	101.6
77	32.0	13.9	53.9
79	26.1	8.8	48.8



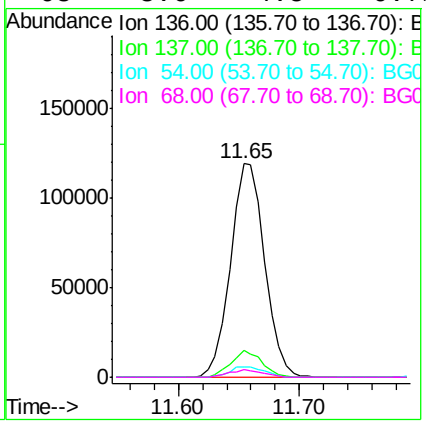


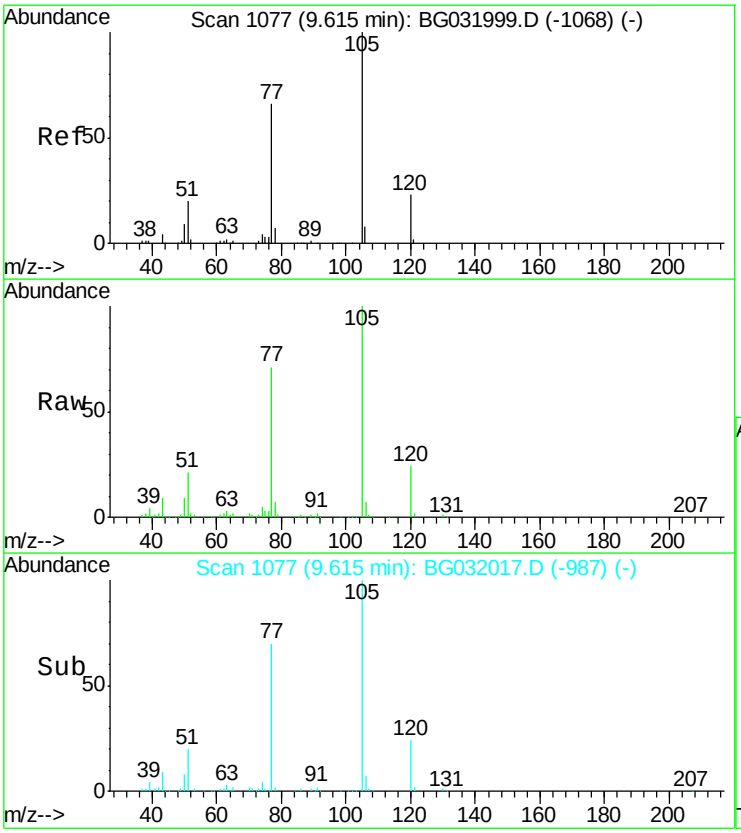
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:136 Resp: 234140

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.2	13.8
54	5.0	10.3	15.5#
68	3.6	4.5	6.7#

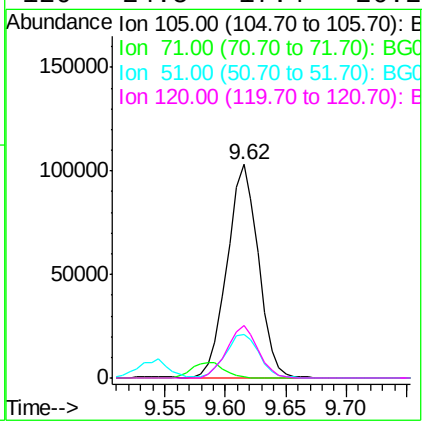


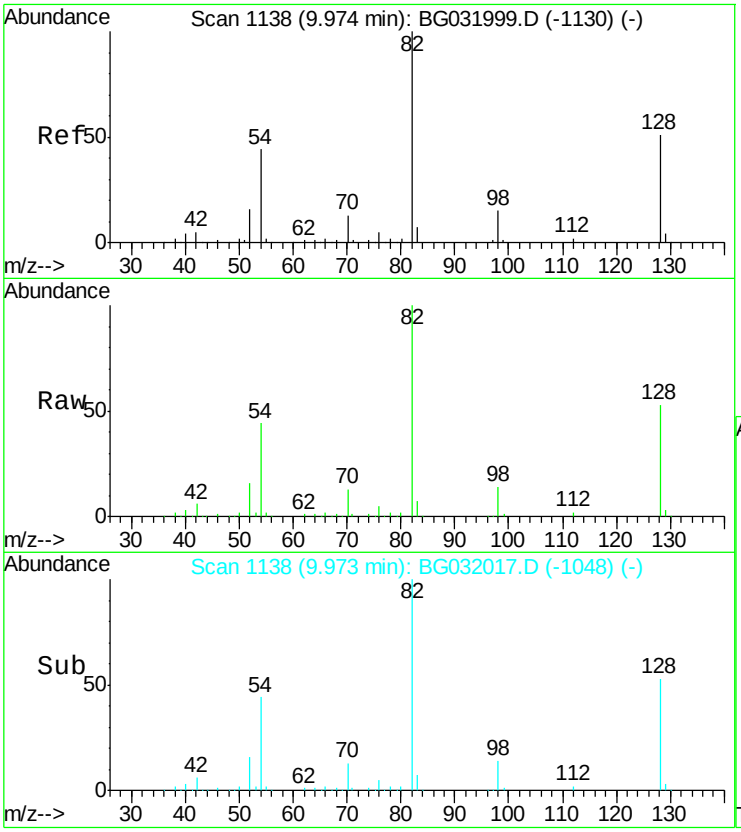


#22
Acetophenone
Concen: 34.912 ng
RT: 9.62 min Scan# 1077
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:105 Resp: 185680

Ion	Ratio	Lower	Upper
105	100		
71	0.6	3.0	4.4#
51	20.6	26.1	39.1#
120	24.5	17.4	26.2



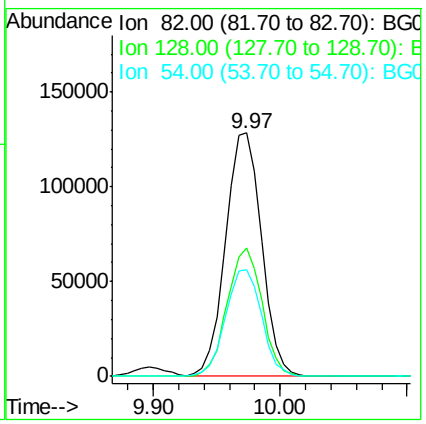


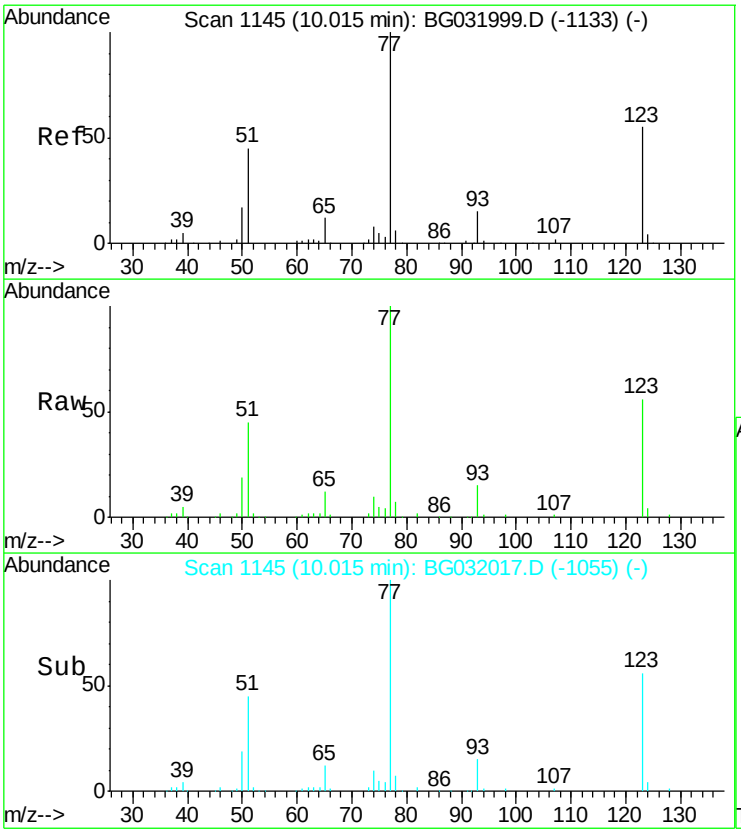
#23
Nitrobenzene-d5
Concen: 72.715 ng
RT: 9.97 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion: 82 Resp: 251654

Ion	Ratio	Lower	Upper
82	100		
128	52.9	29.7	44.5#
54	44.0	43.1	64.7

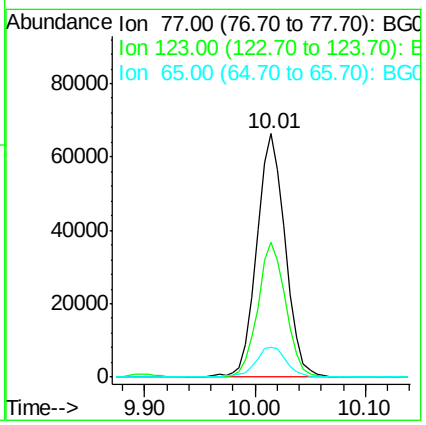


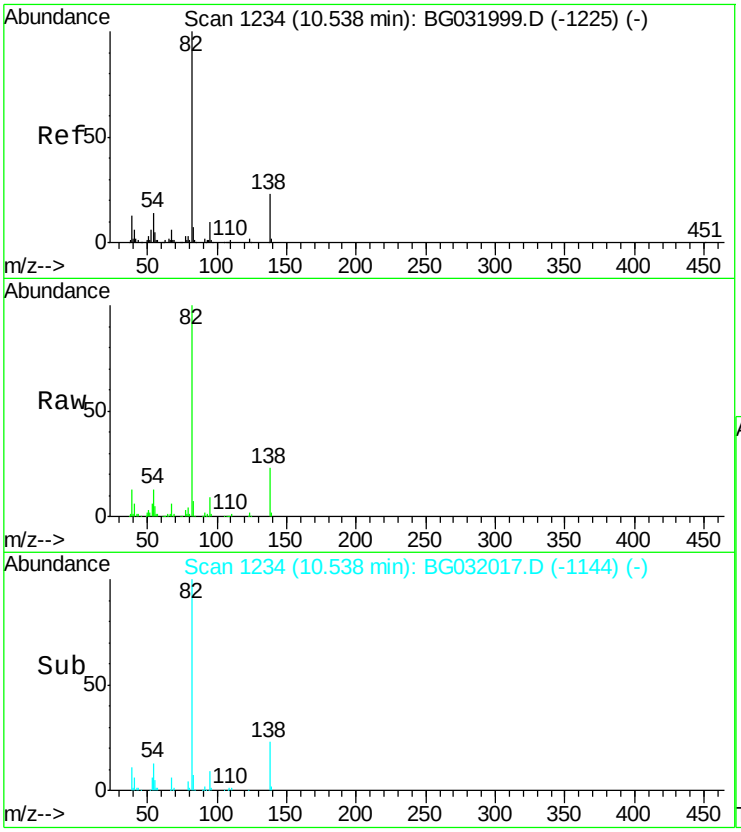


#24
Nitrobenzene
Concen: 34.644 ng
RT: 10.01 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion: 77 Resp: 119596

Ion	Ratio	Lower	Upper
77	100		
123	55.6	33.0	49.6#
65	12.4	13.0	19.6#



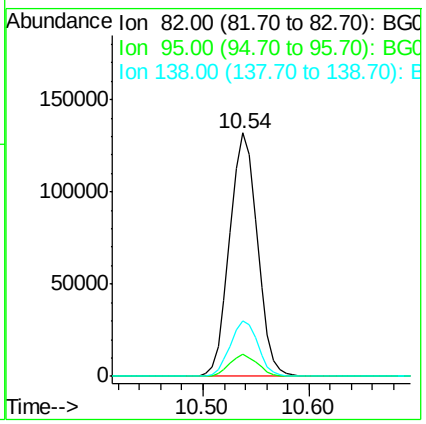


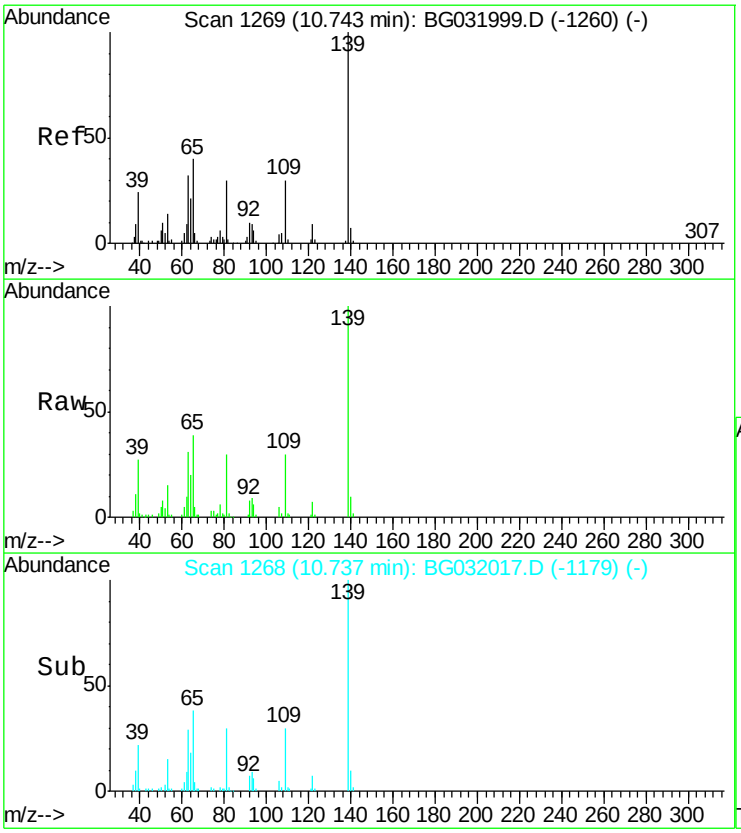
#25
Isophorone
Concen: 37.165 ng
RT: 10.54 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion: 82 Resp: 239498

Ion	Ratio	Lower	Upper
82	100		
95	9.3	6.2	9.2#
138	22.7	12.1	18.1#

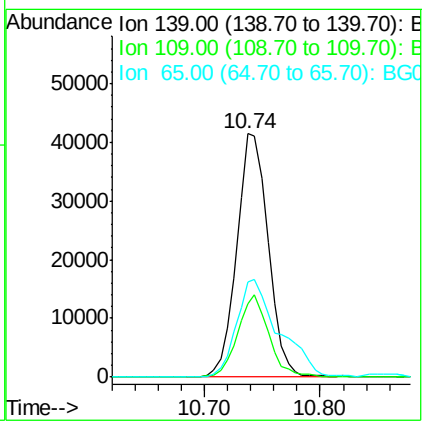


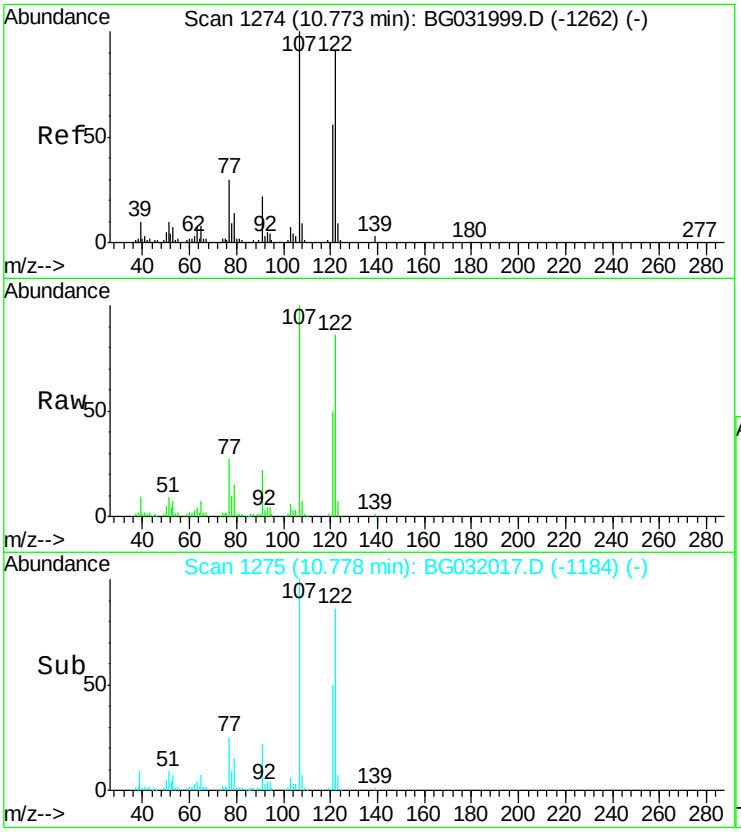


#26
2-Nitrophenol
Concen: 38.312 ng
RT: 10.74 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:139 Resp: 78366

Ion	Ratio	Lower	Upper
139	100		
109	30.4	24.2	36.2
65	39.1	47.4	71.0#



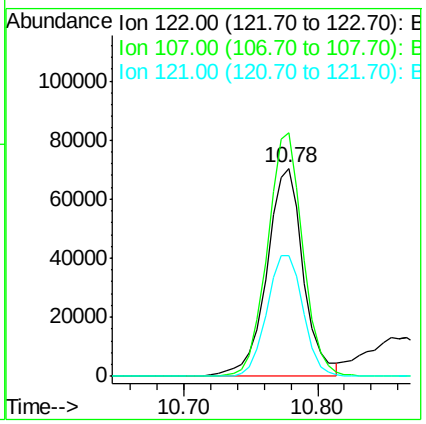


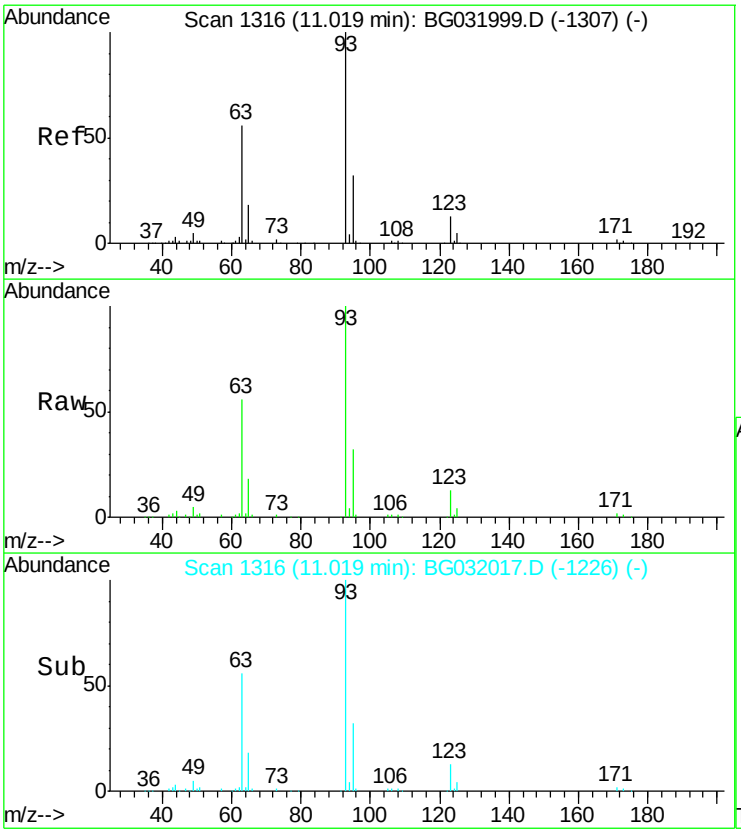
#27
2,4-Dimethylphenol
Concen: 41.367 ng
RT: 10.78 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:122 Resp: 134276

Ion	Ratio	Lower	Upper
122	100		
107	116.9	100.2	150.2
121	58.0	44.4	66.6

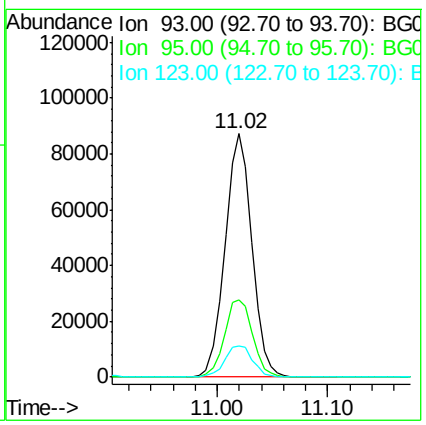


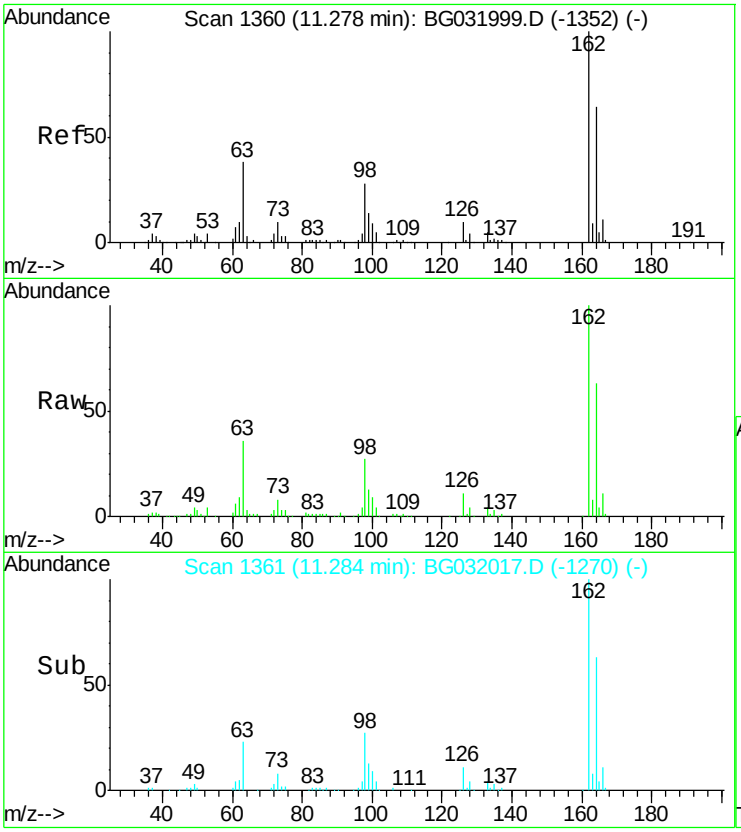


#28
bis(2-Chloroethoxy)methane
Concen: 38.314 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion: 93 Resp: 148760

Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.3	36.5
123	12.9	8.4	12.6#



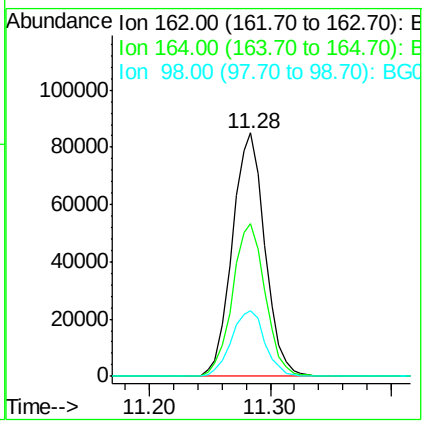


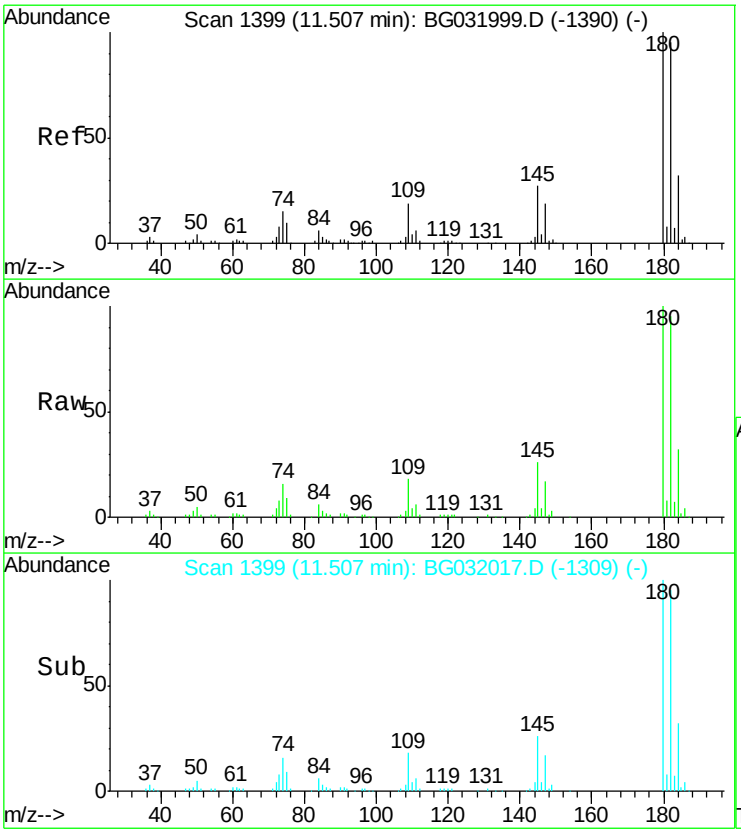
#29
2,4-Dichlorophenol
Concen: 39.977 ng
RT: 11.28 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:162 Resp: 159670

Ion	Ratio	Lower	Upper
162	100		
164	62.9	48.0	88.0
98	27.2	21.1	61.1

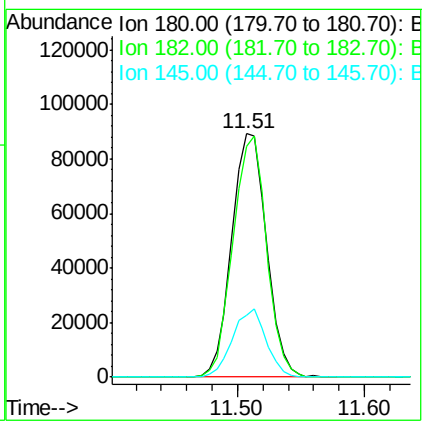


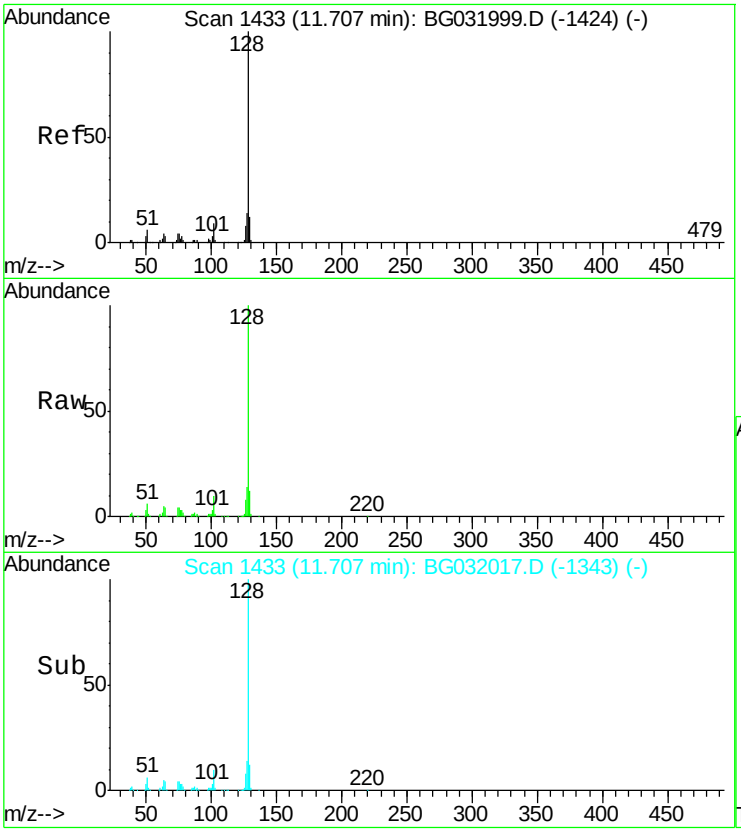


#30
1,2,4-Trichlorobenzene
Concen: 32.887 ng
RT: 11.51 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:180 Resp: 169637

Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.5	116.3
145	25.6	23.4	35.2



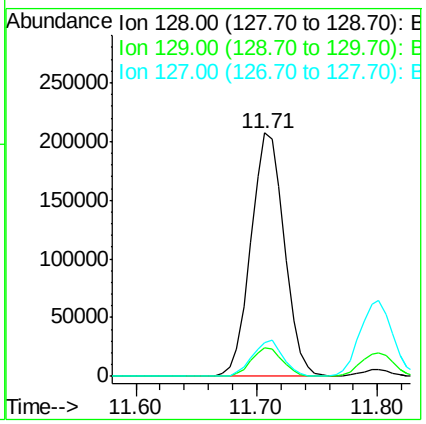


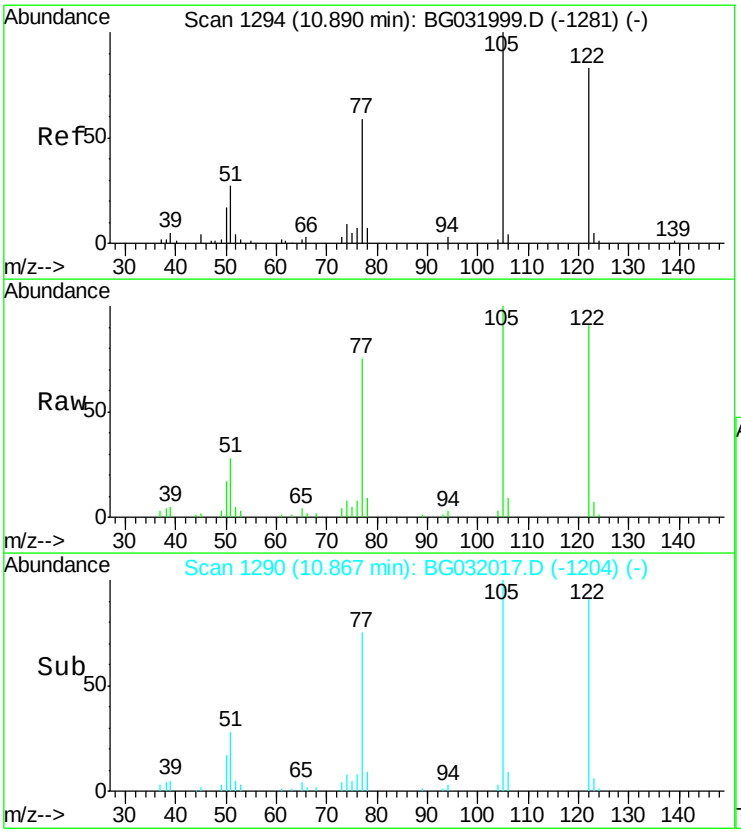
#31
Naphthalene
Concen: 34.286 ng
RT: 11.71 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:128 Resp: 397672

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	13.6	11.6	17.4

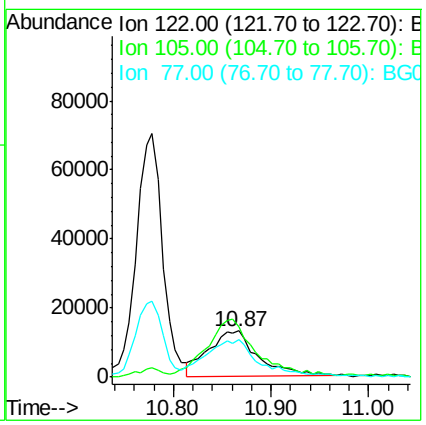


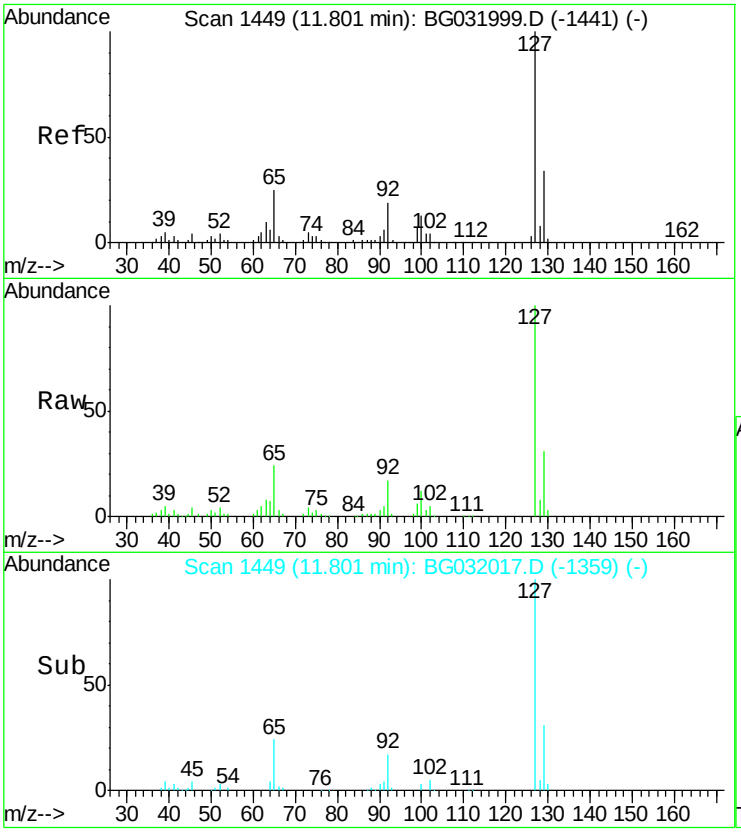


#32
Benzoic acid
Concen: 20.614 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:122 Resp: 44907

Ion	Ratio	Lower	Upper
122	100		
105	109.4	123.5	163.5#
77	81.5	85.7	125.7#



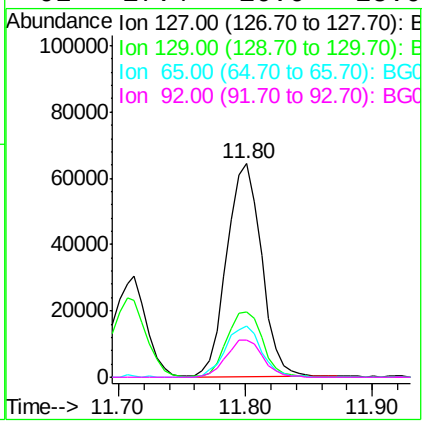


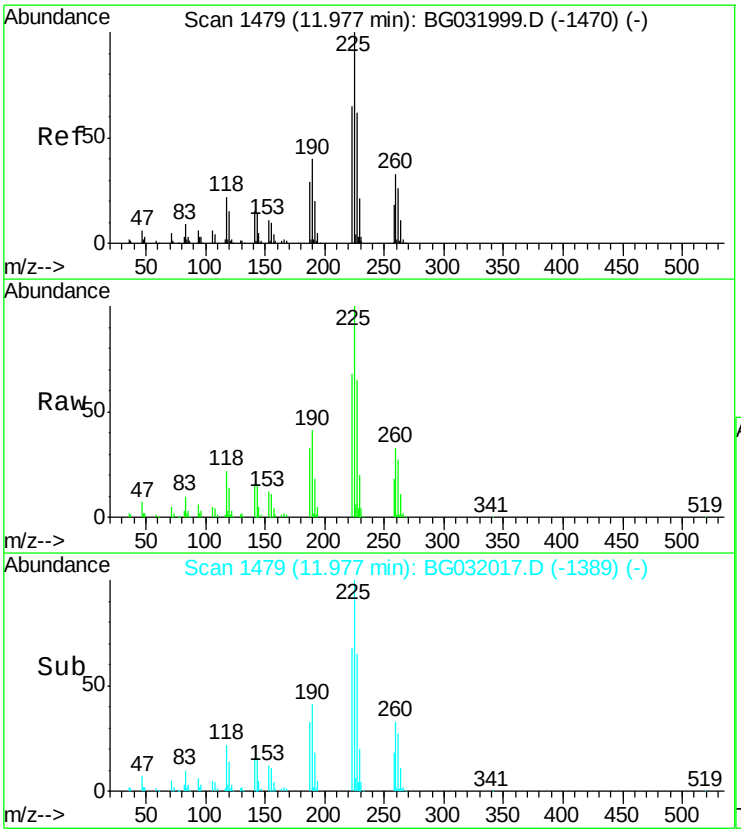
#33
4-Chloroaniline
Concen: 24.508 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:127 Resp: 121896

Ion	Ratio	Lower	Upper
127	100		
129	30.7	24.0	36.0
65	24.3	27.0	40.4#
92	17.4	16.6	25.0

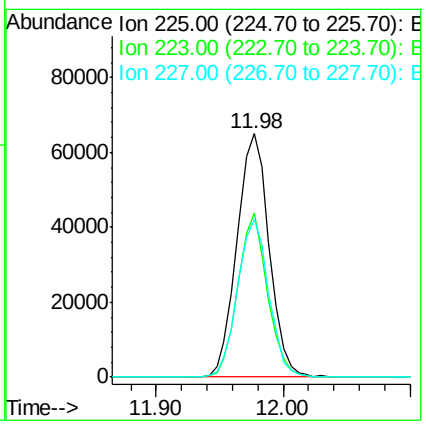


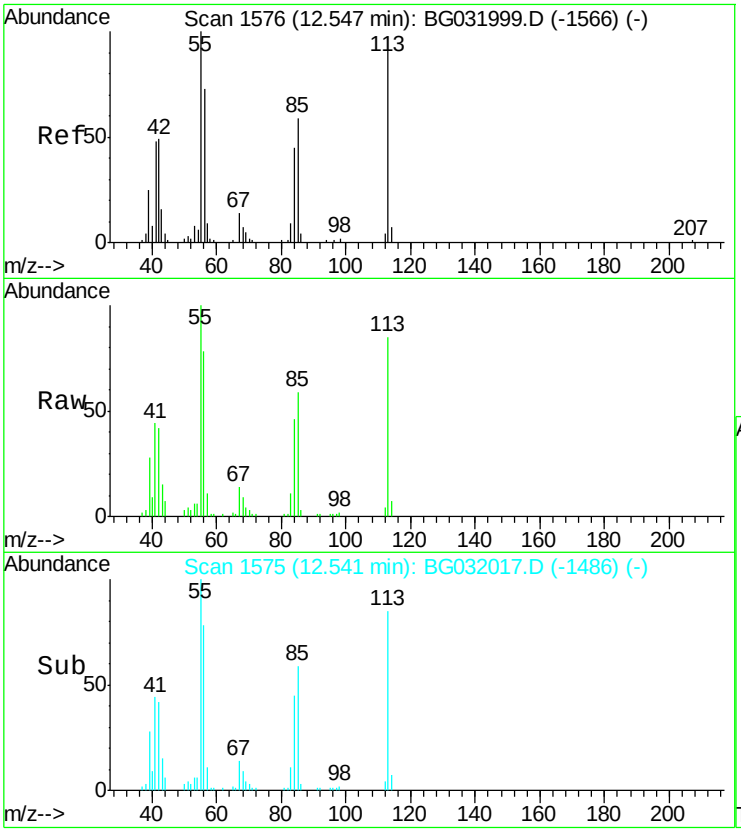


#34
Hexachlorobutadiene
Concen: 30.953 ng
RT: 11.98 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:225 Resp: 114679

Ion	Ratio	Lower	Upper
225	100		
223	67.6	49.7	74.5
227	64.8	48.1	72.1



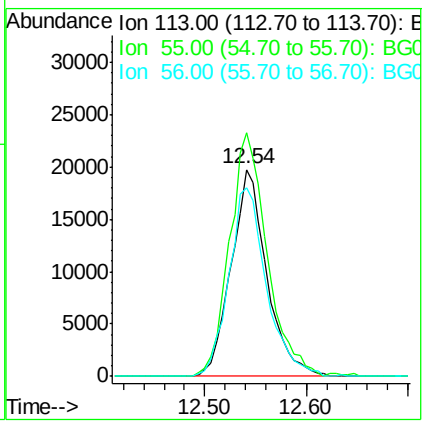


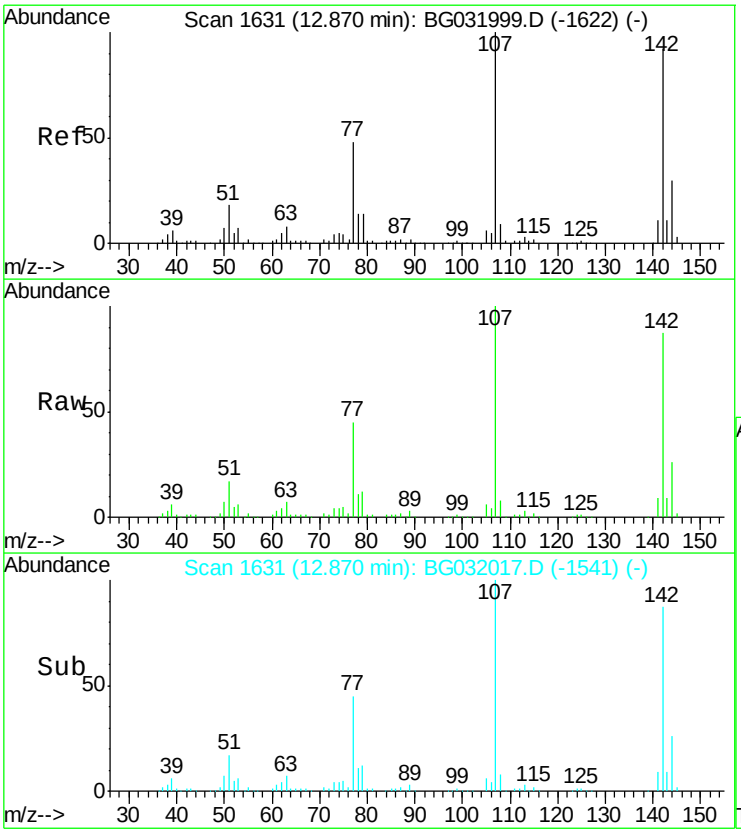
#35
Caprolactam
Concen: 39.592 ng
RT: 12.54 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:113 Resp: 47974

Ion	Ratio	Lower	Upper
113	100		
55	117.6	186.9	226.9#
56	91.3	130.9	170.9#

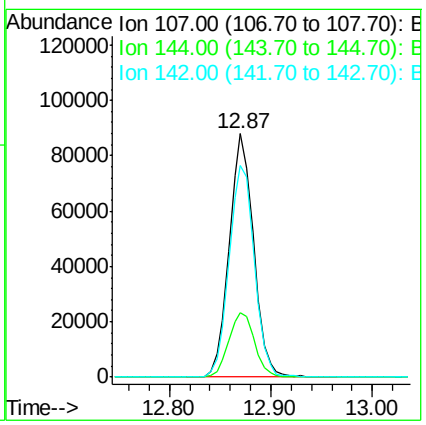


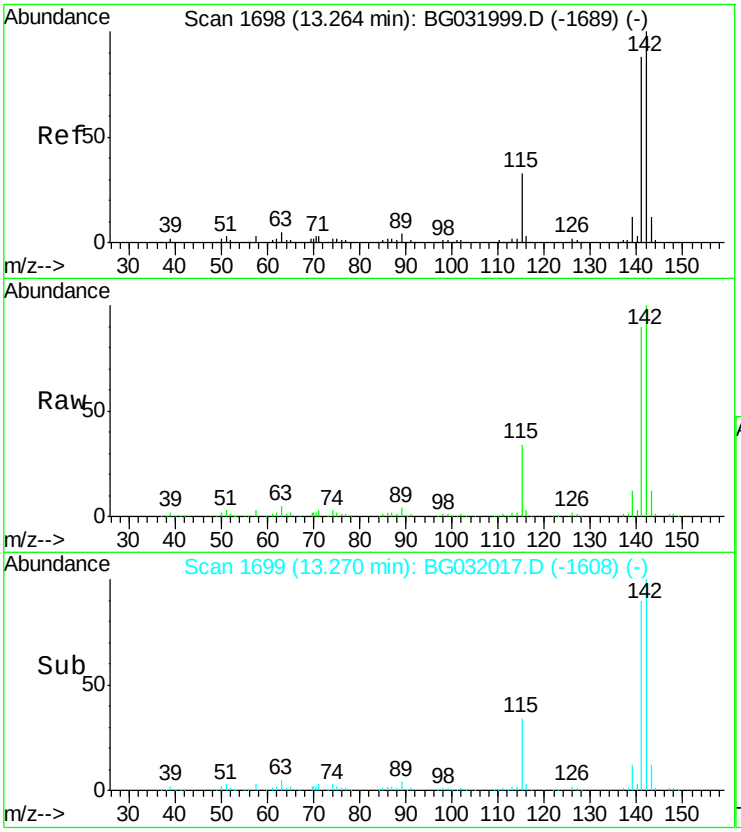


#36
4-Chloro-3-methylphenol
Concen: 39.989 ng
RT: 12.87 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:107 Resp: 146195

Ion	Ratio	Lower	Upper
107	100		
144	26.4	18.2	27.4
142	87.0	59.0	88.4



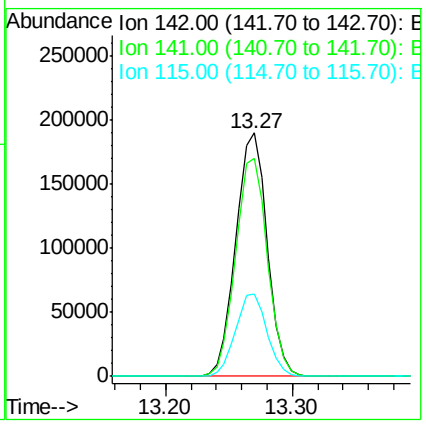


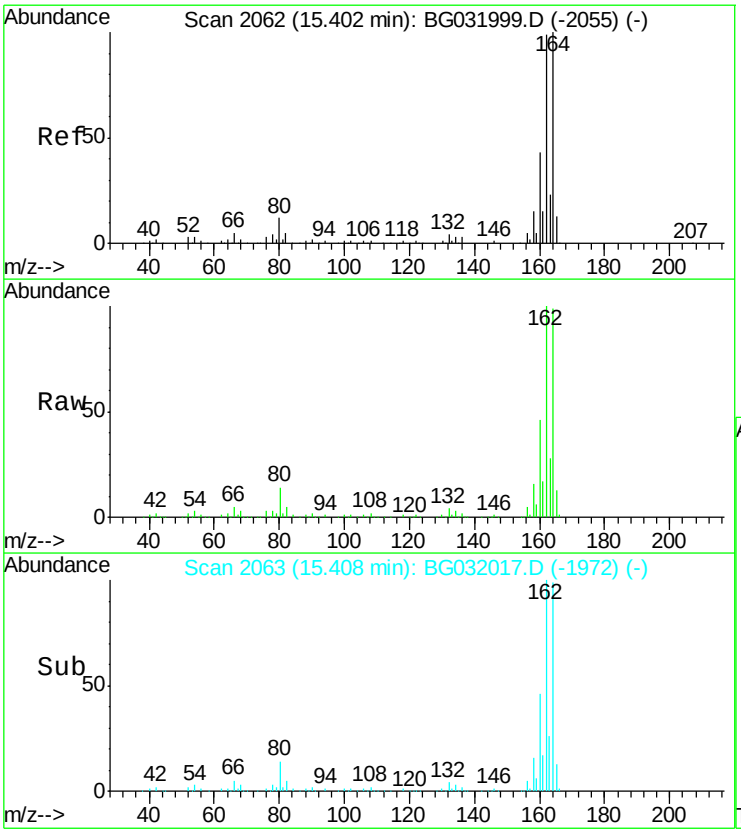
#37
2-Methylnaphthalene
Concen: 35.432 ng
RT: 13.27 min Scan# 1699
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:142 Resp: 326279

Ion	Ratio	Lower	Upper
142	100		
141	89.6	67.1	100.7
115	33.7	30.7	46.1

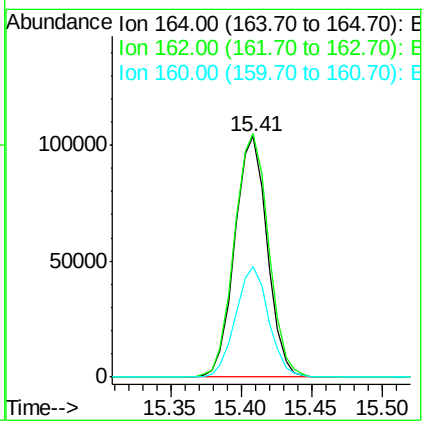


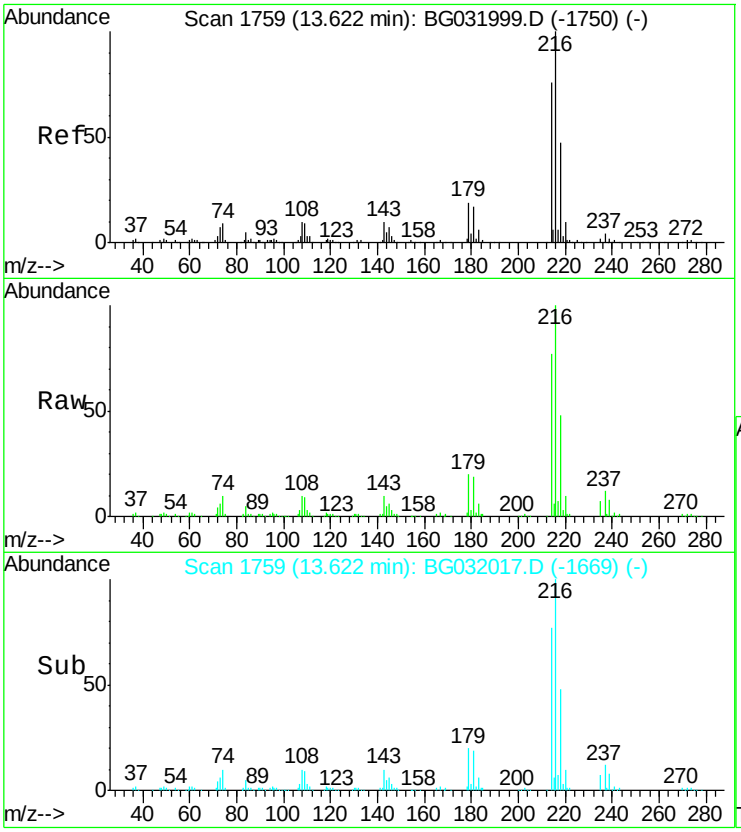


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2063
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:164 Resp: 166534

Ion	Ratio	Lower	Upper
164	100		
162	101.1	78.8	118.2
160	46.2	35.4	53.0



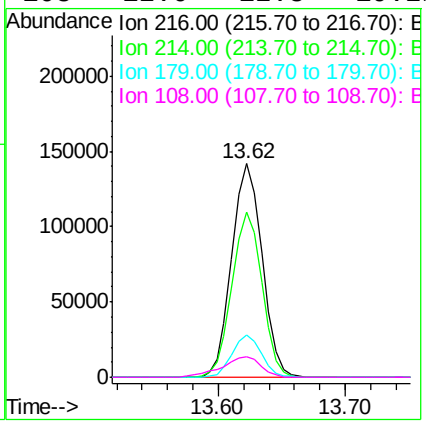


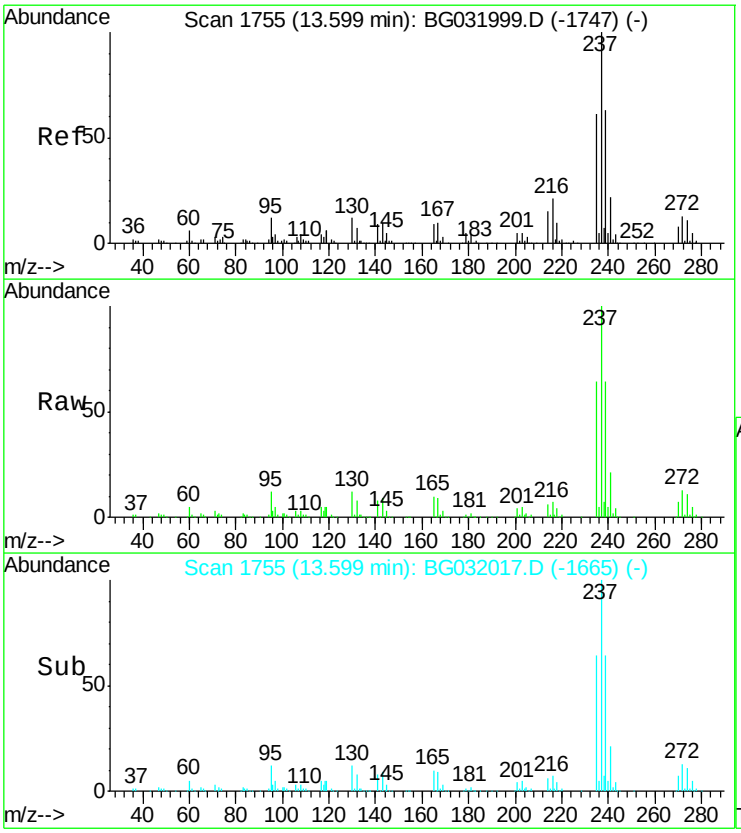
#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.391 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:216 Resp: 235134

Ion	Ratio	Lower	Upper
216	100		
214	76.5	63.0	94.4
179	19.2	17.0	25.6
108	12.0	12.8	19.2#

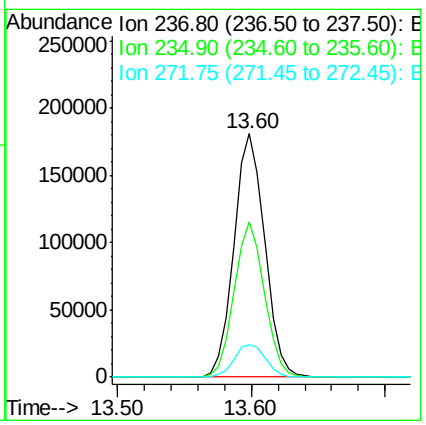


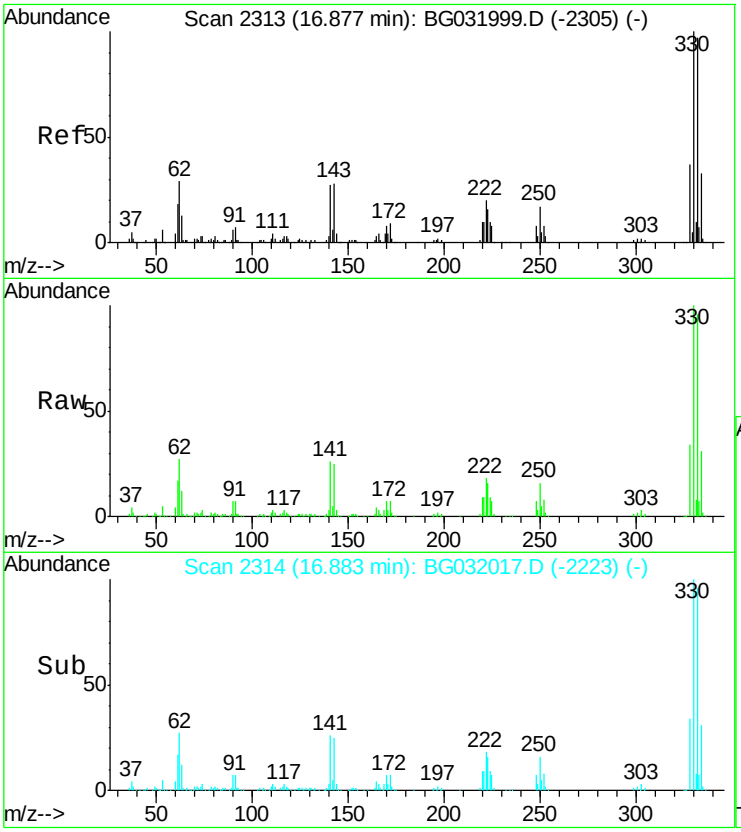


#40
Hexachlorocyclopentadiene
Concen: 70.469 ng
RT: 13.60 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:237 Resp: 288123

Ion	Ratio	Lower	Upper
237	100		
235	64.0	50.4	90.4
272	13.1	0.0	31.8



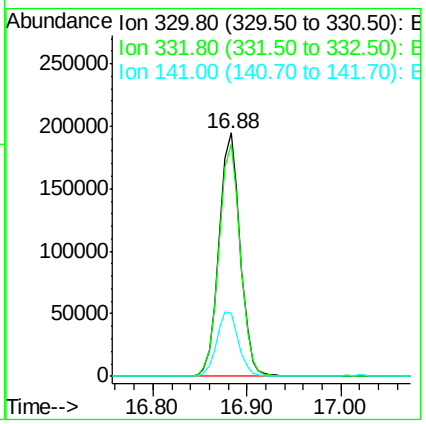


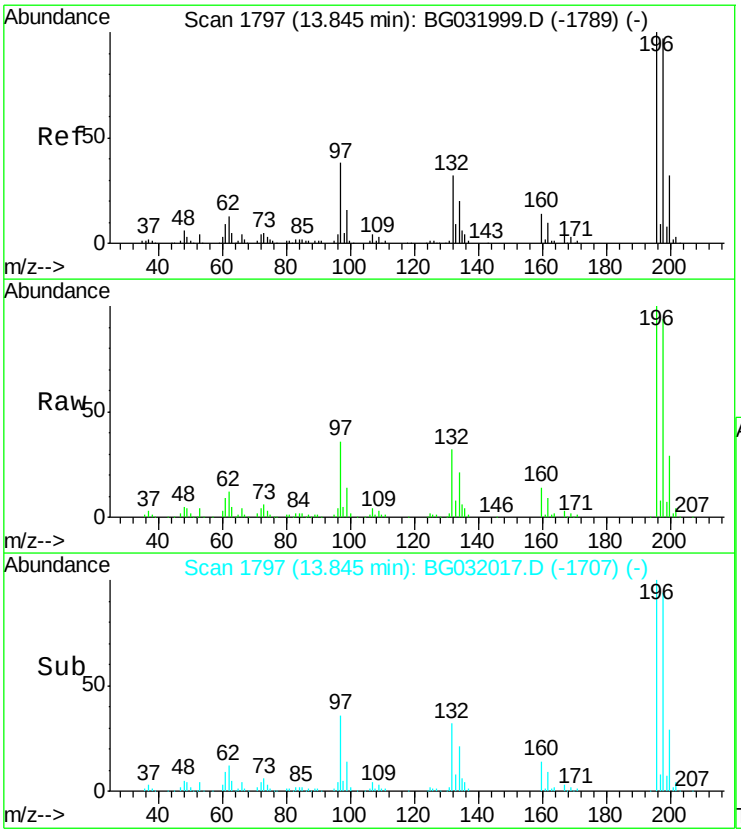
#41
2,4,6-Tribromophenol
Concen: 110.729 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:330 Resp: 305142

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	27.5	25.2	37.8

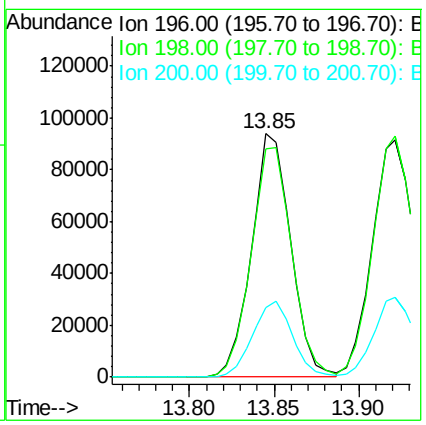


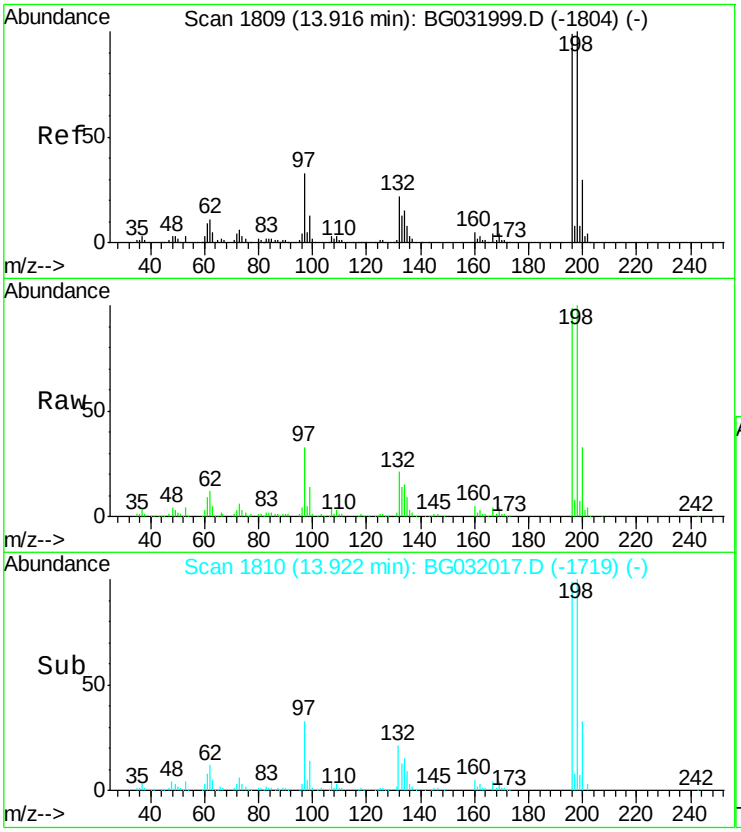


#42
2,4,6-Trichlorophenol
Concen: 37.243 ng
RT: 13.85 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:196 Resp: 151908

Ion	Ratio	Lower	Upper
196	100		
198	93.8	78.2	117.2
200	28.8	24.6	36.8



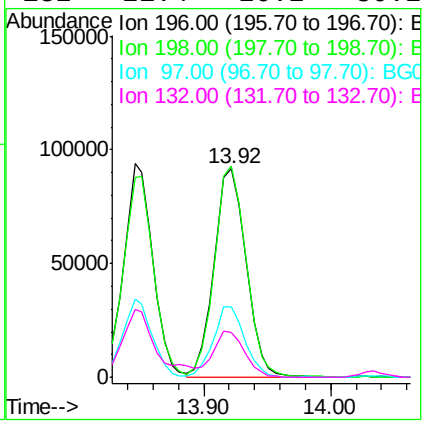


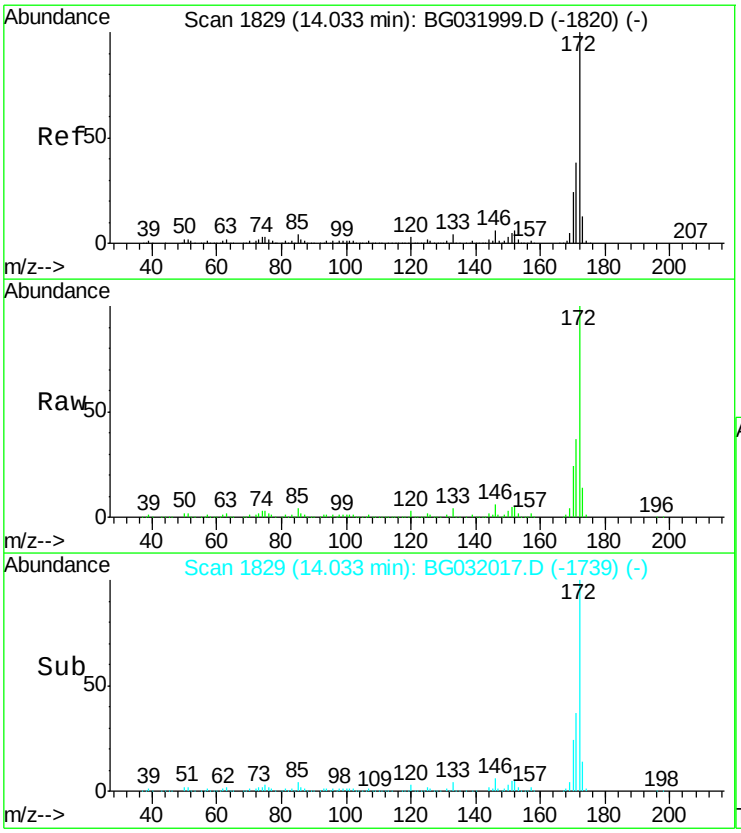
#43
2,4,5-Trichlorophenol
Concen: 34.111 ng
RT: 13.92 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:196 Resp: 161044

Ion	Ratio	Lower	Upper
196	100		
198	101.4	76.2	114.4
97	33.8	38.7	58.1#
132	21.4	20.2	30.2

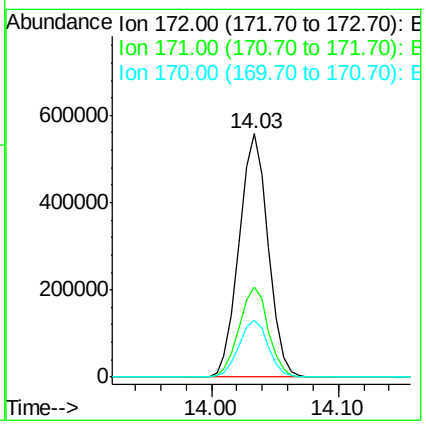


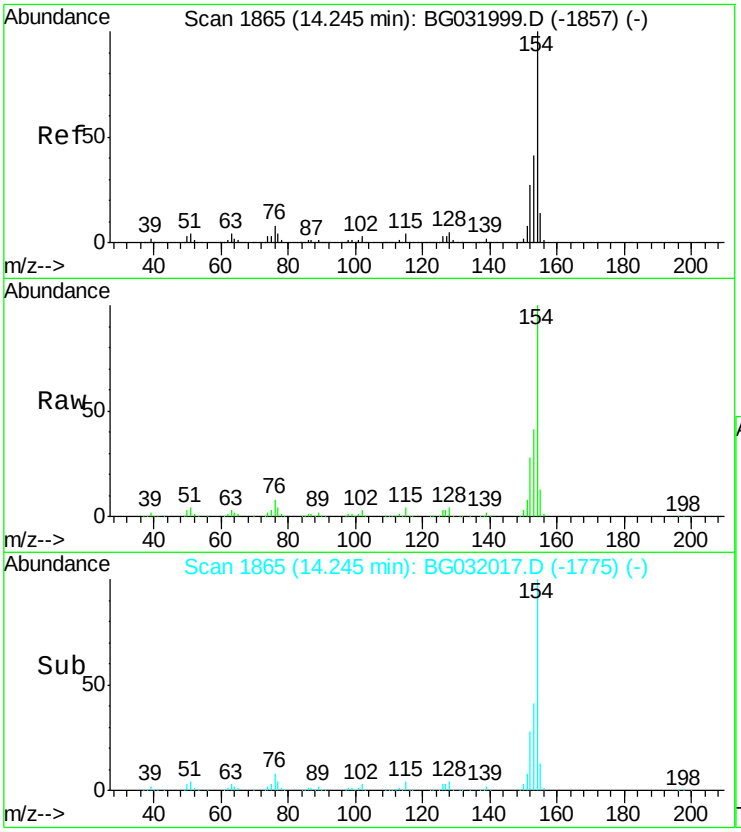


#44
2-Fluorobiphenyl
Concen: 65.997 ng
RT: 14.03 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:172 Resp: 886392

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.5	19.5	29.3



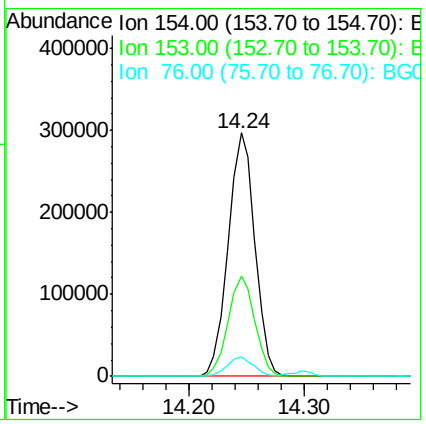


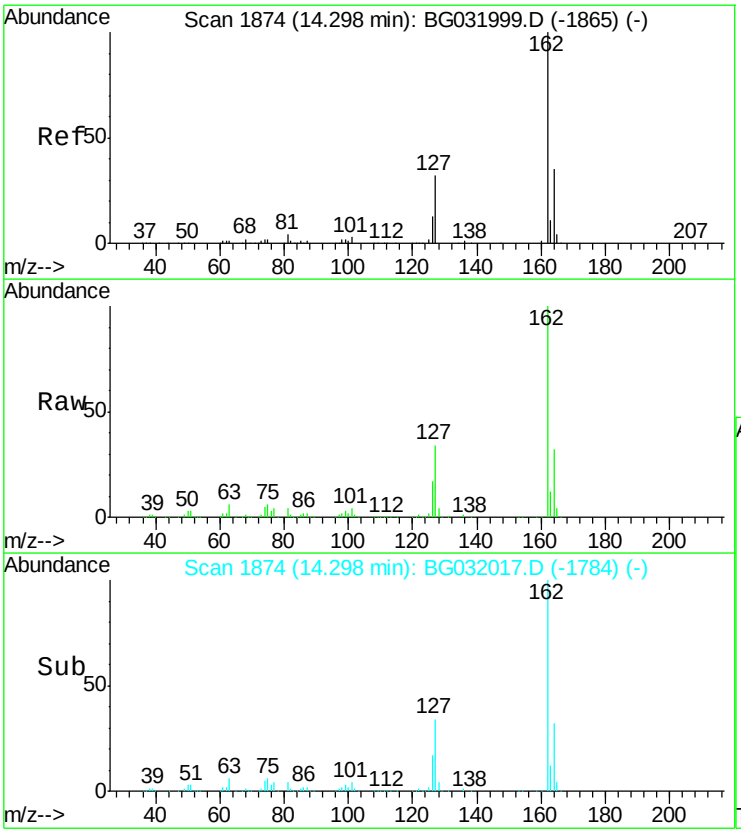
#45
1,1'-Biphenyl
Concen: 33.202 ng
RT: 14.24 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:154 Resp: 474006

Ion	Ratio	Lower	Upper
154	100		
153	41.4	19.8	59.8
76	7.9	0.0	31.9

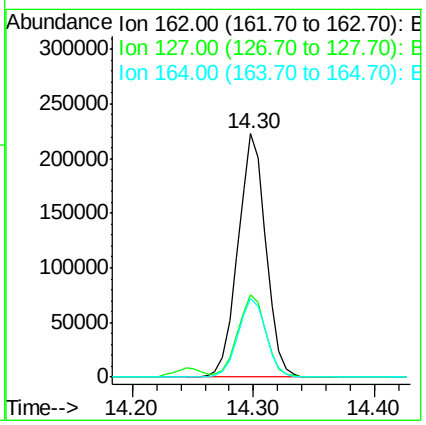


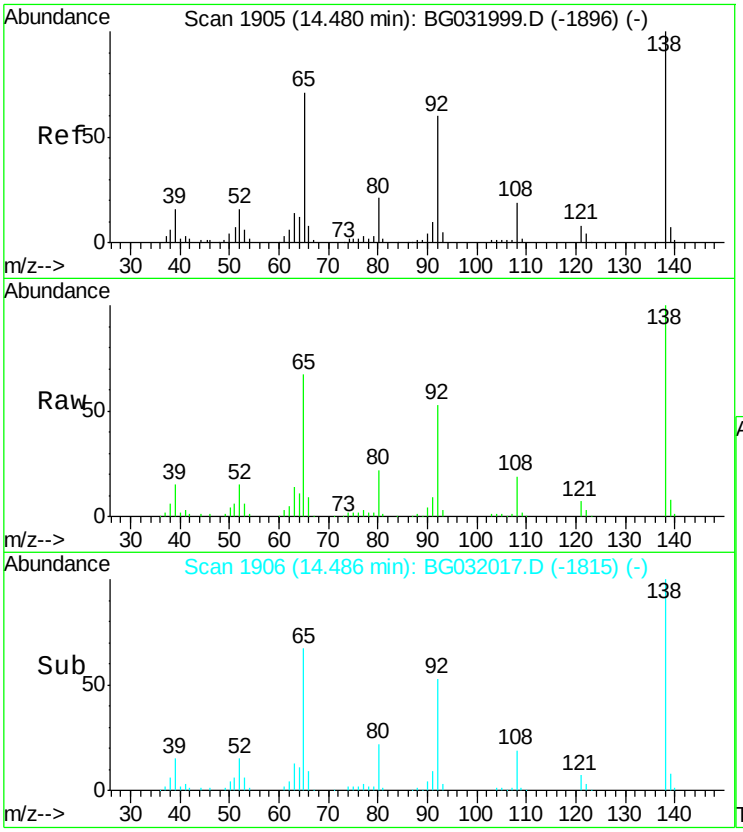


#46
2-Chloronaphthalene
Concen: 32.184 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:162 Resp: 357447

Ion	Ratio	Lower	Upper
162	100		
127	33.7	30.7	46.1
164	32.4	26.0	39.0



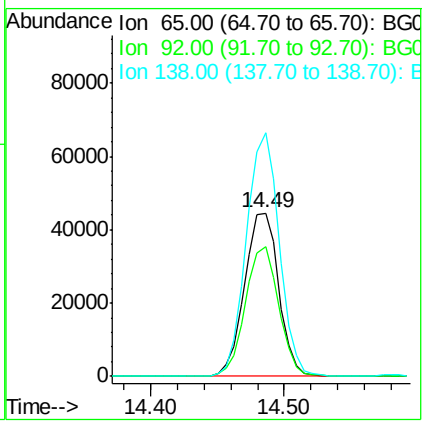


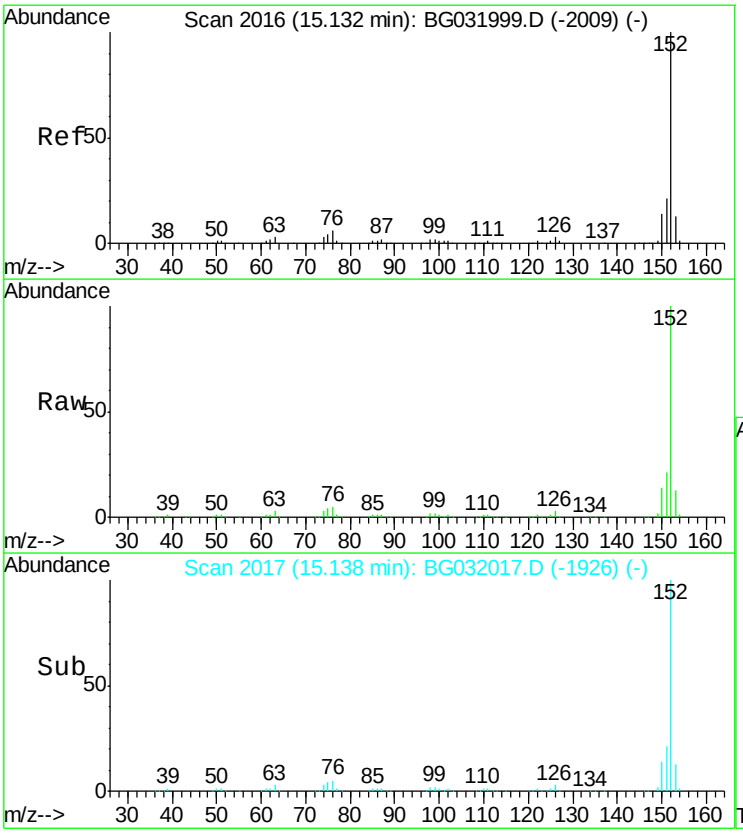
#47
2-Nitroaniline
Concen: 36.906 ng
RT: 14.49 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion: 65 Resp: 78469

Ion	Ratio	Lower	Upper
65	100		
92	79.4	54.6	82.0
138	148.9	72.9	109.3#

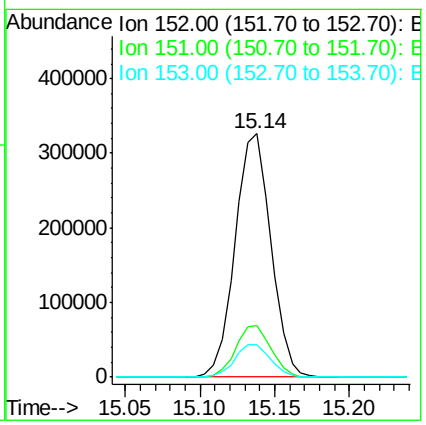


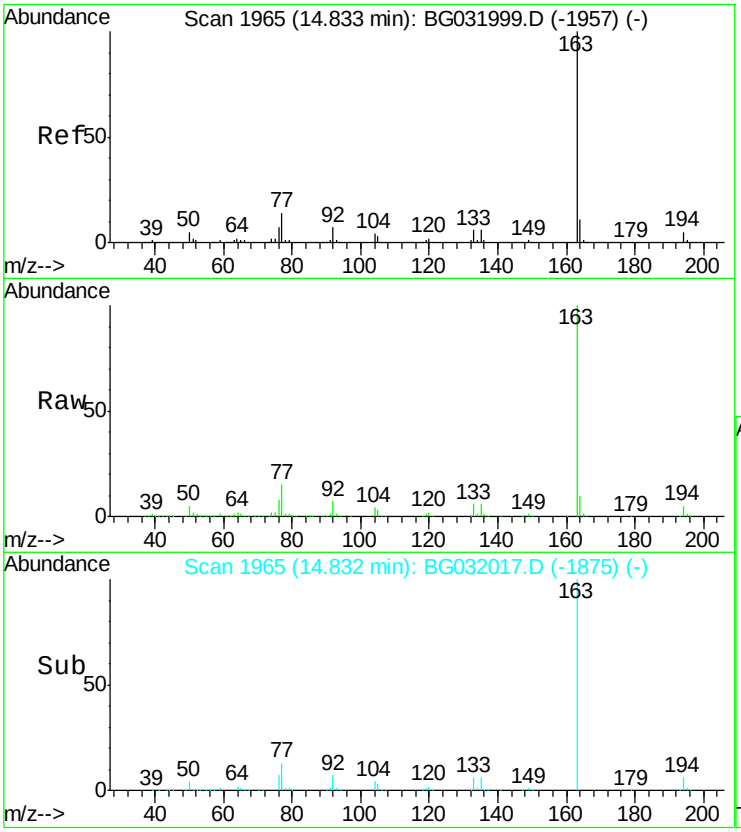


#48
Acenaphthylene
Concen: 32.034 ng
RT: 15.14 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:152 Resp: 541780

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	13.2	10.2	15.4



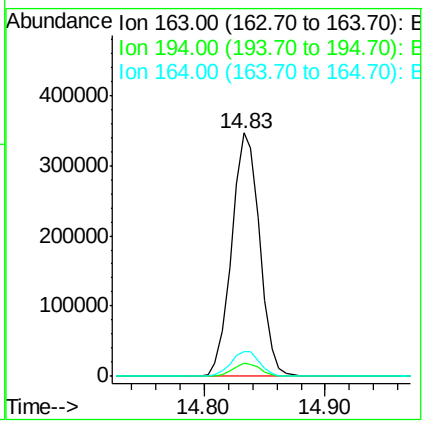


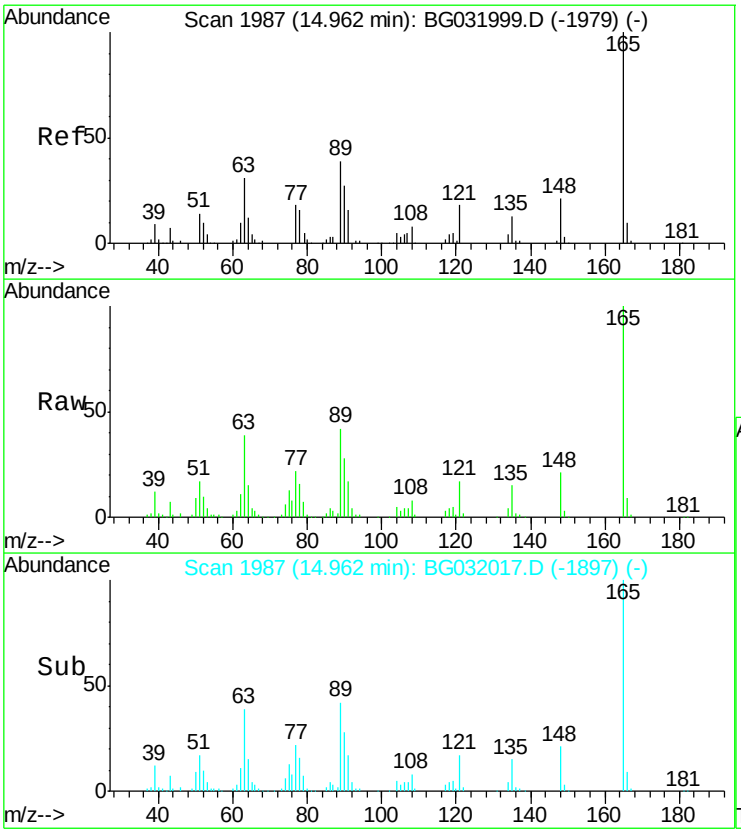
#49
Dimethylphthalate
Concen: 38.186 ng
RT: 14.83 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:163 Resp: 556488

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	10.1	8.2	12.4

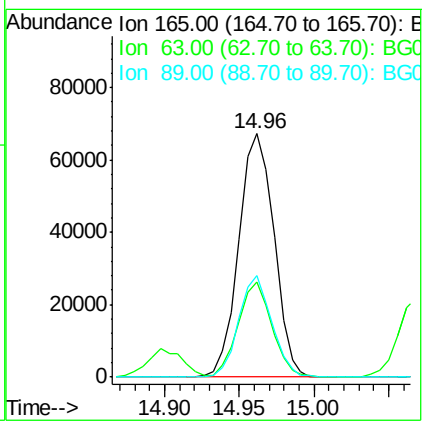


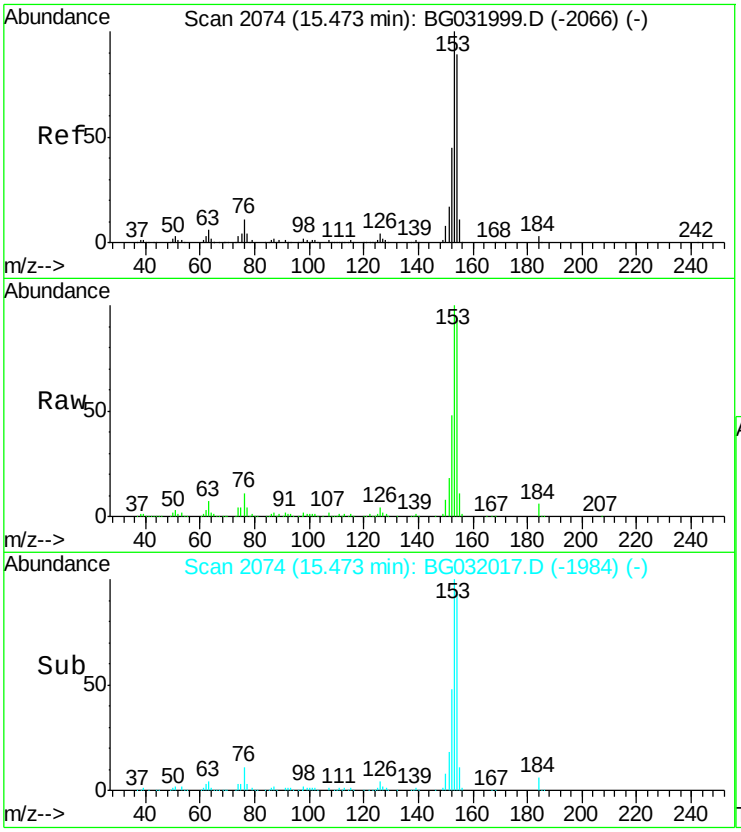


#50
2,6-Dinitrotoluene
Concen: 36.342 ng
RT: 14.96 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:165 Resp: 109930

Ion	Ratio	Lower	Upper
165	100		
63	39.1	52.7	79.1#
89	41.7	49.2	73.8#



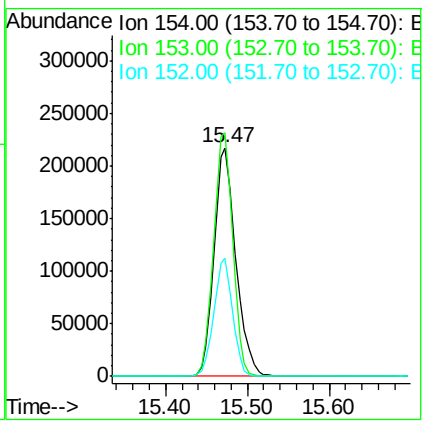


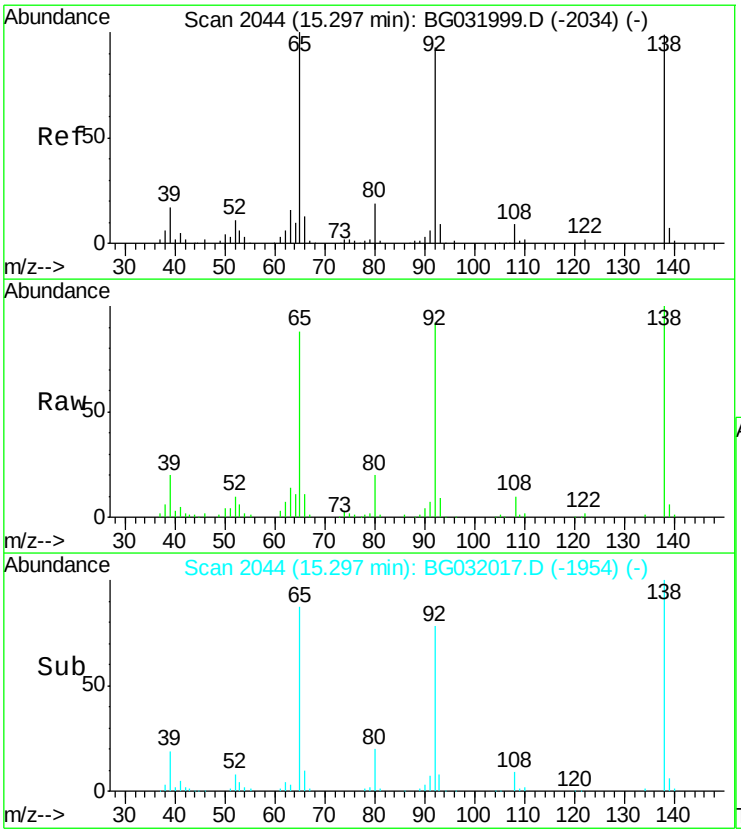
#51
Acenaphthene
Concen: 36.072 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:154 Resp: 403406

Ion	Ratio	Lower	Upper
154	100		
153	106.5	90.4	135.6
152	51.5	41.6	62.4

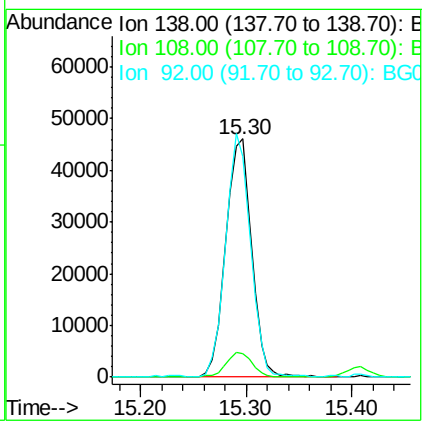


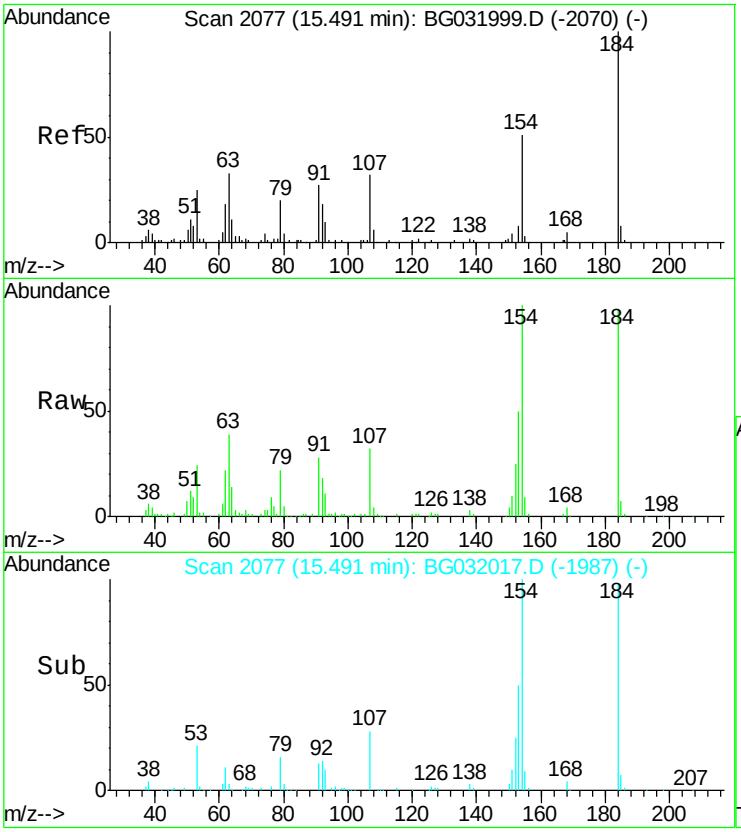


#52
3-Nitroaniline
Concen: 28.501 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:138 Resp: 77866

Ion	Ratio	Lower	Upper
138	100		
108	9.8	17.5	26.3#
92	92.5	105.8	158.8#



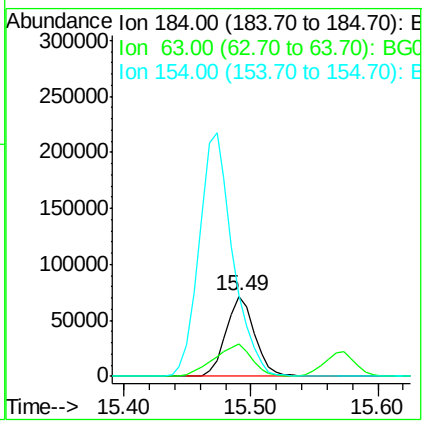


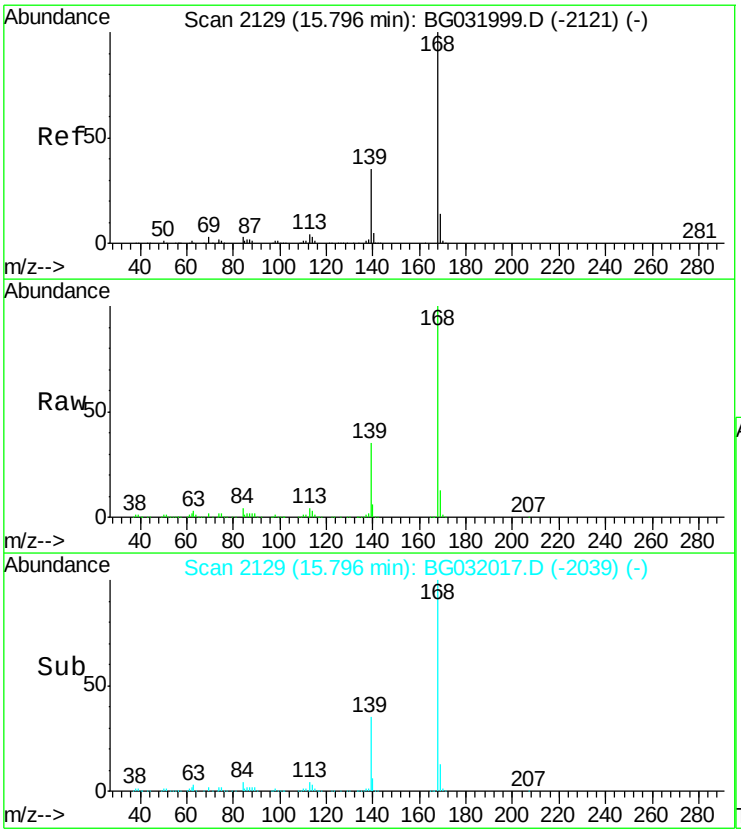
#53
2,4-Dinitrophenol
Concen: 74.525 ng
RT: 15.49 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:184 Resp: 112291

Ion	Ratio	Lower	Upper
184	100		
63	40.2	59.8	89.8#
154	101.8	101.8	152.8#

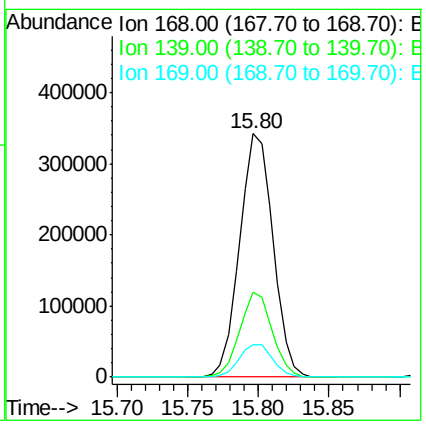


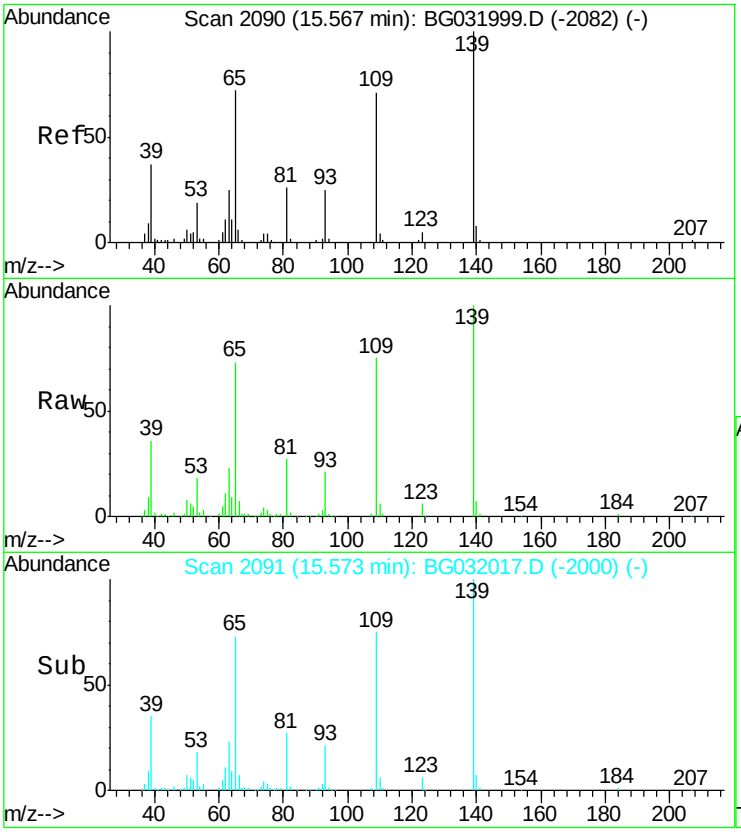


#54
Dibenzofuran
Concen: 34.003 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:168 Resp: 567271

Ion	Ratio	Lower	Upper
168	100		
139	34.7	28.6	43.0
169	13.5	11.2	16.8



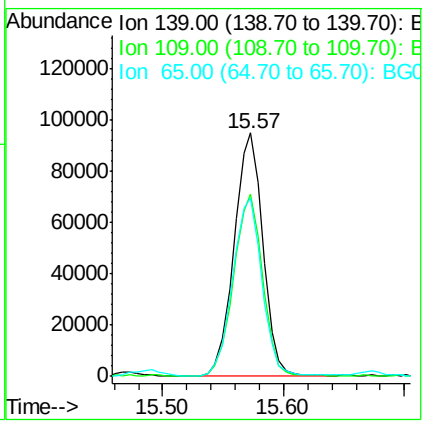


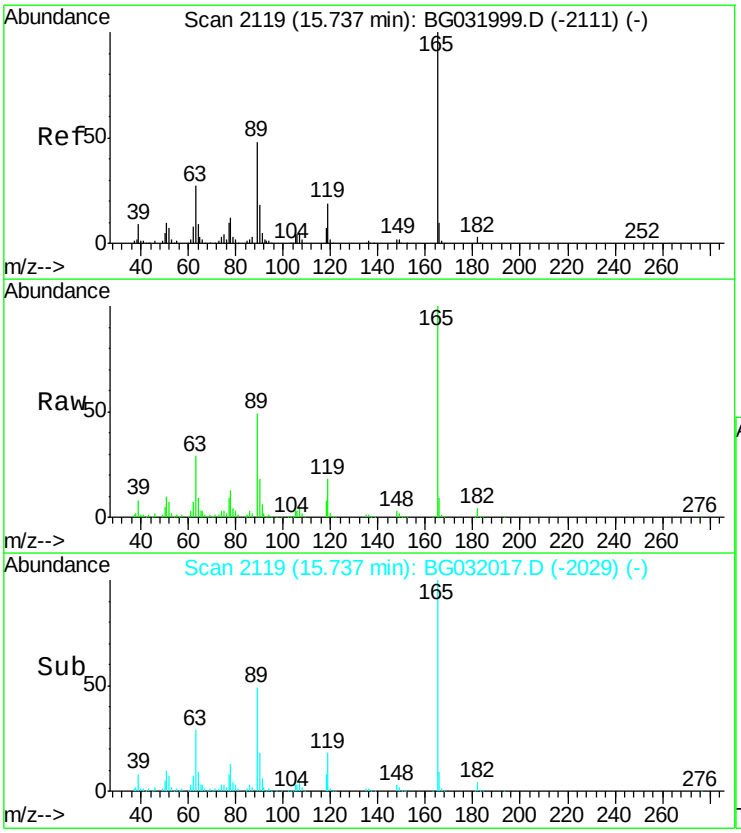
#55
4-Nitrophenol
Concen: 79.648 ng
RT: 15.57 min Scan# 2091
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:139 Resp: 158580

Ion	Ratio	Lower	Upper
139	100		
109	74.9	62.2	102.2
65	73.5	97.2	137.2#

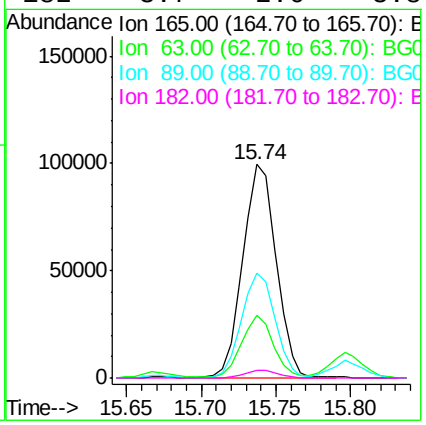


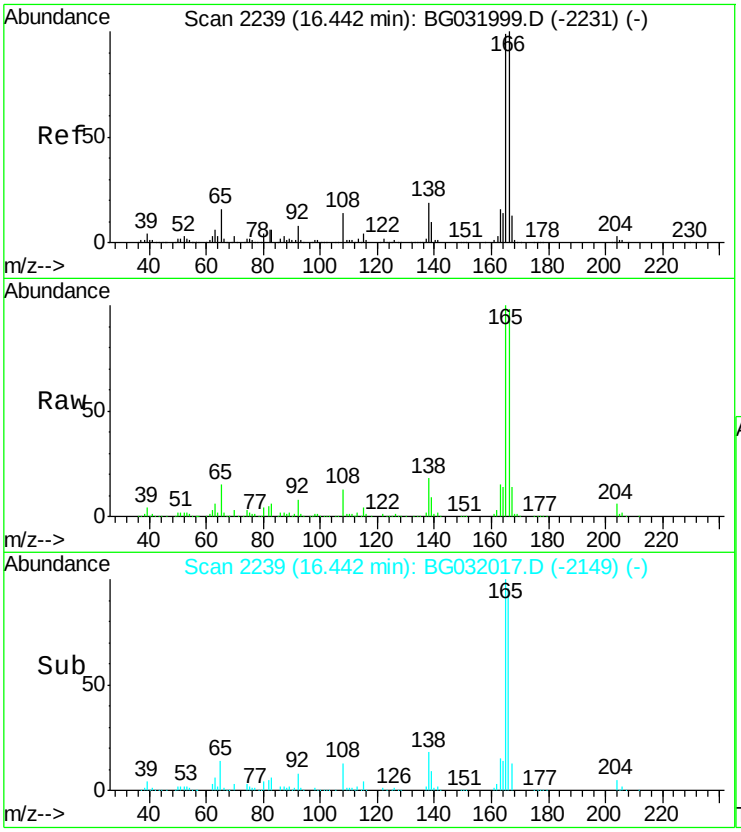


#56
2,4-Dinitrotoluene
Concen: 37.853 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:165 Resp: 154153

Ion	Ratio	Lower	Upper
165	100		
63	29.3	42.0	63.0#
89	49.3	66.9	100.3#
182	3.7	2.6	3.8



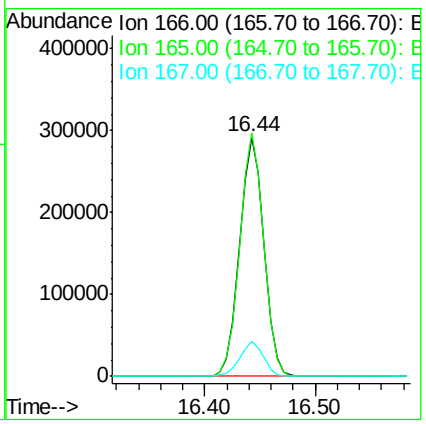


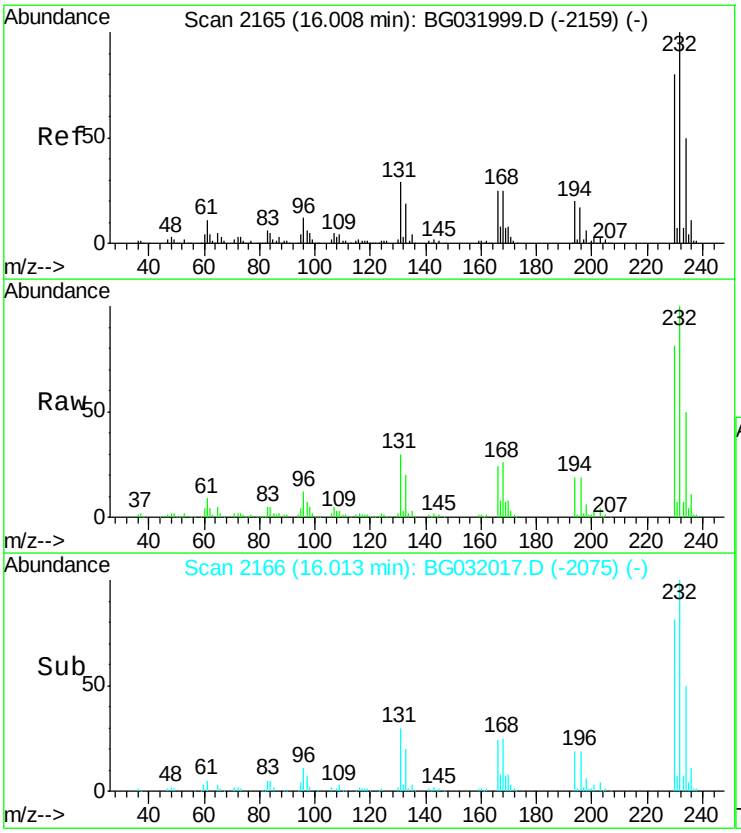
#57
Fluorene
Concen: 32.920 ng
RT: 16.44 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:166 Resp: 450421

Ion	Ratio	Lower	Upper
166	100		
165	102.0	80.6	121.0
167	14.4	10.4	15.6

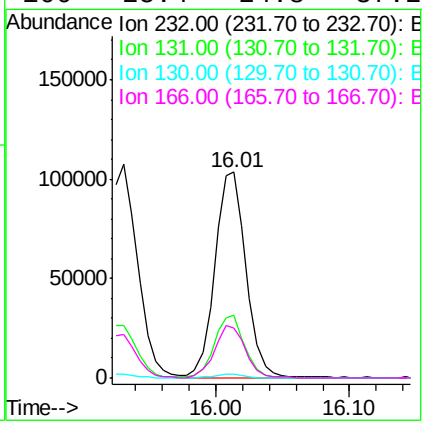


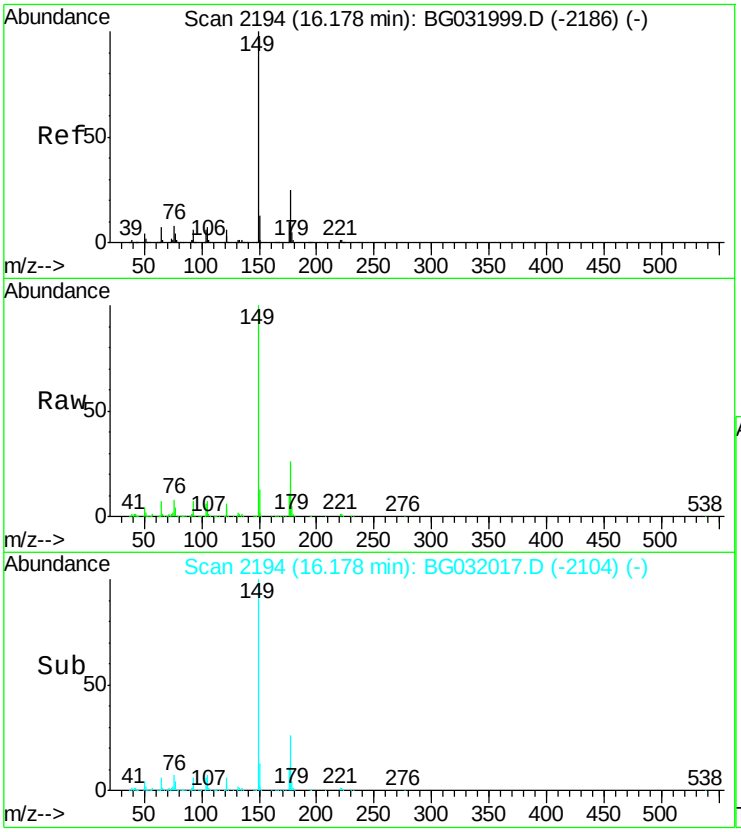


#58
2,3,4,6-Tetrachlorophenol
Concen: 38.489 ng
RT: 16.01 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:232 Resp: 168098

Ion	Ratio	Lower	Upper
232	100		
131	29.3	33.5	50.3#
130	1.9	2.2	3.2#
166	25.4	24.8	37.2



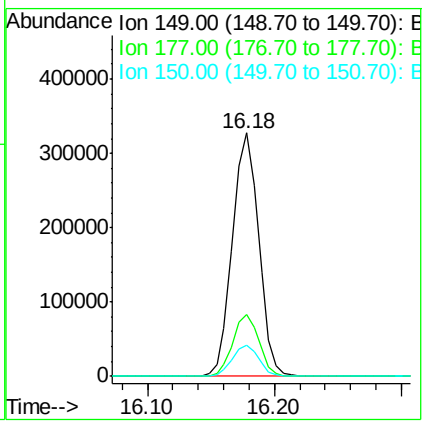


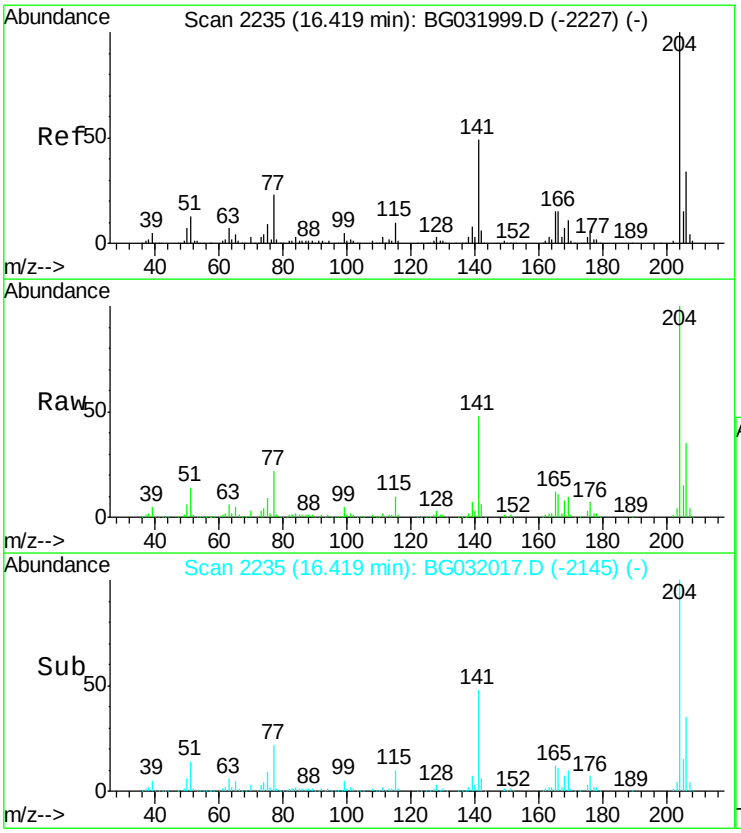
#59
Diethylphthalate
Concen: 33.196 ng
RT: 16.18 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:149 Resp: 468988

Ion	Ratio	Lower	Upper
149	100		
177	25.7	18.5	27.7
150	12.7	10.2	15.2

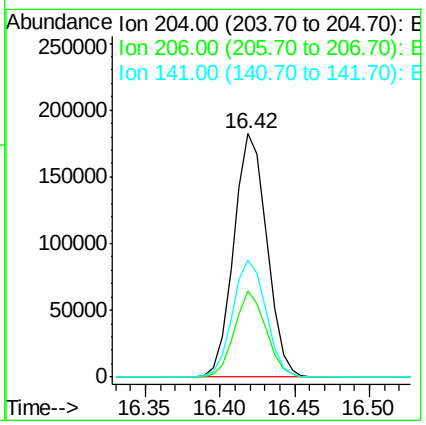


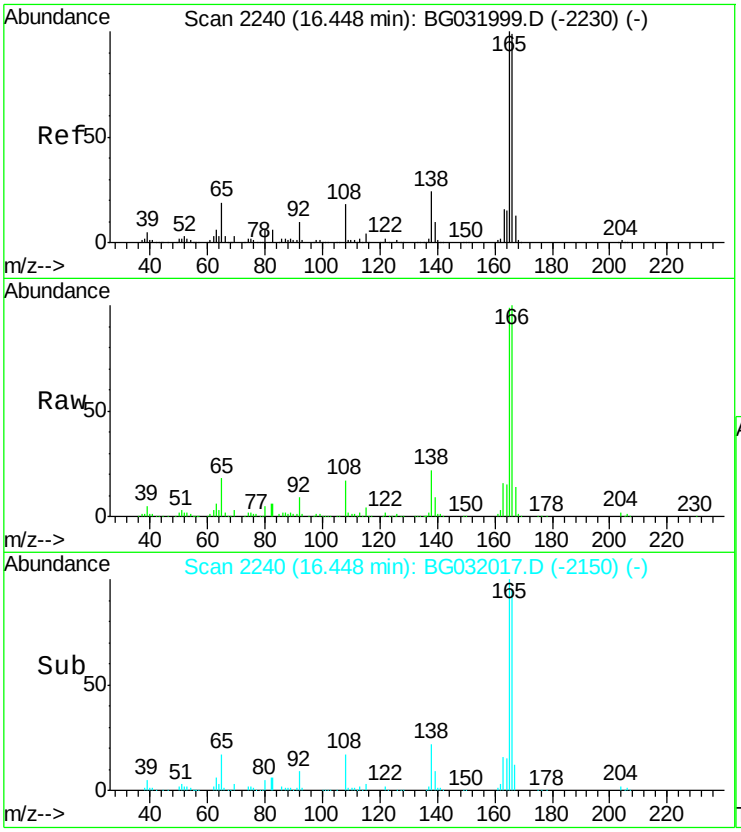


#60
4-Chlorophenyl-phenylether
Concen: 33.441 ng
RT: 16.42 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:204 Resp: 280672

Ion	Ratio	Lower	Upper
204	100		
206	35.4	26.2	39.2
141	48.0	45.8	68.6



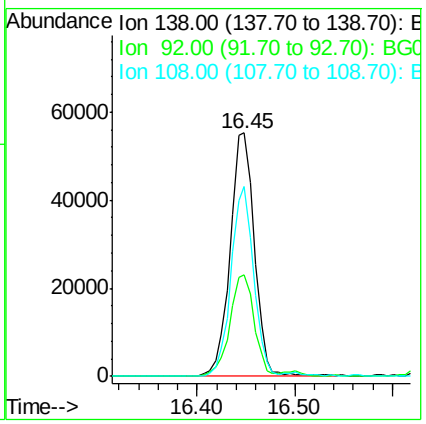


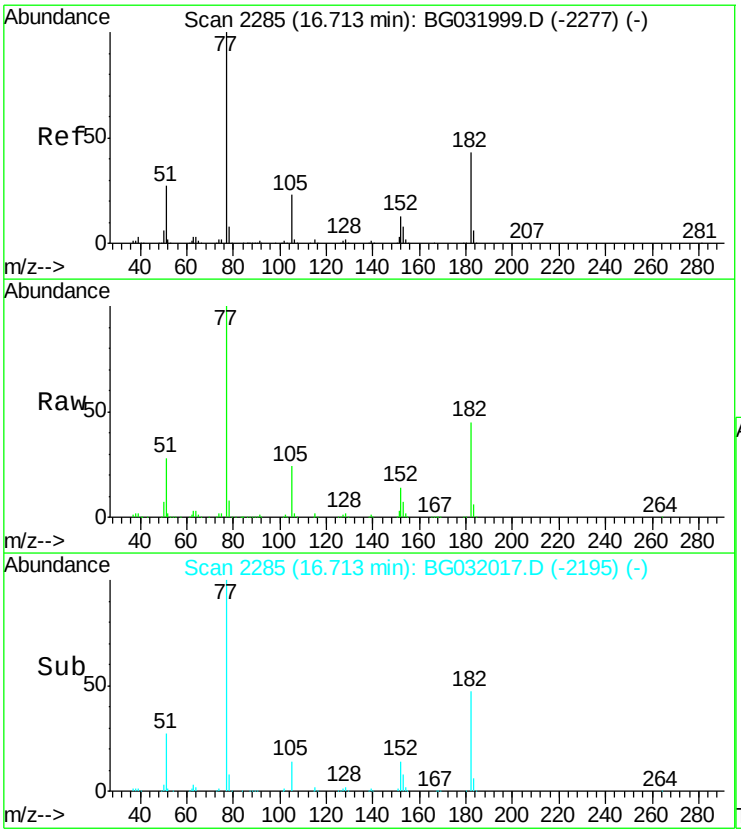
#61
4-Nitroaniline
Concen: 36.491 ng
RT: 16.45 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:138 Resp: 95633

Ion	Ratio	Lower	Upper
138	100		
92	41.6	40.1	80.1
108	77.8	65.4	105.4

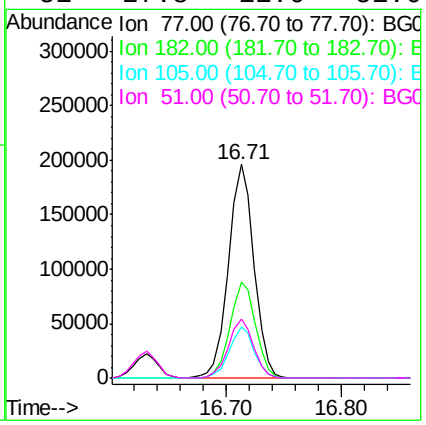


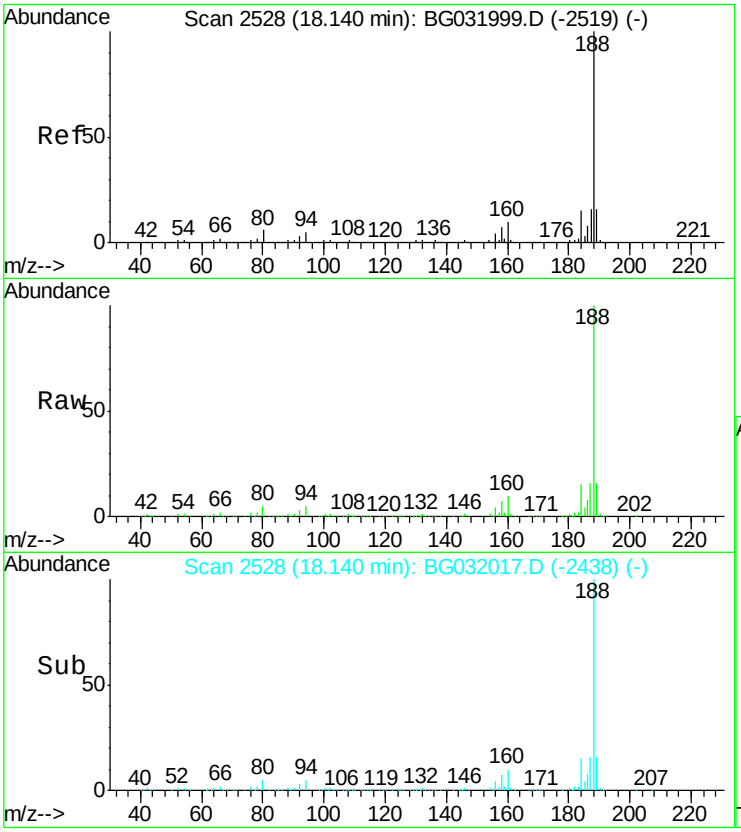


#62
Azobenzene
Concen: 33.762 ng
RT: 16.71 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion: 77 Resp: 298546

Ion	Ratio	Lower	Upper
77	100		
182	44.8	7.4	47.4
105	23.9	0.3	40.3
51	27.8	11.6	51.6



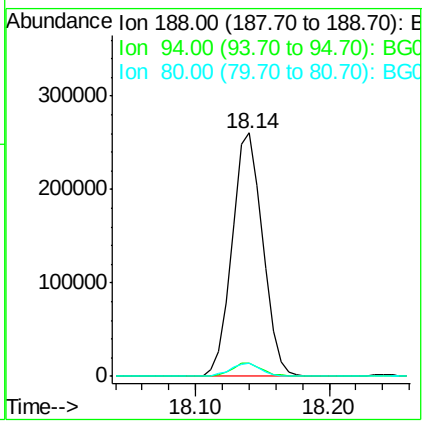


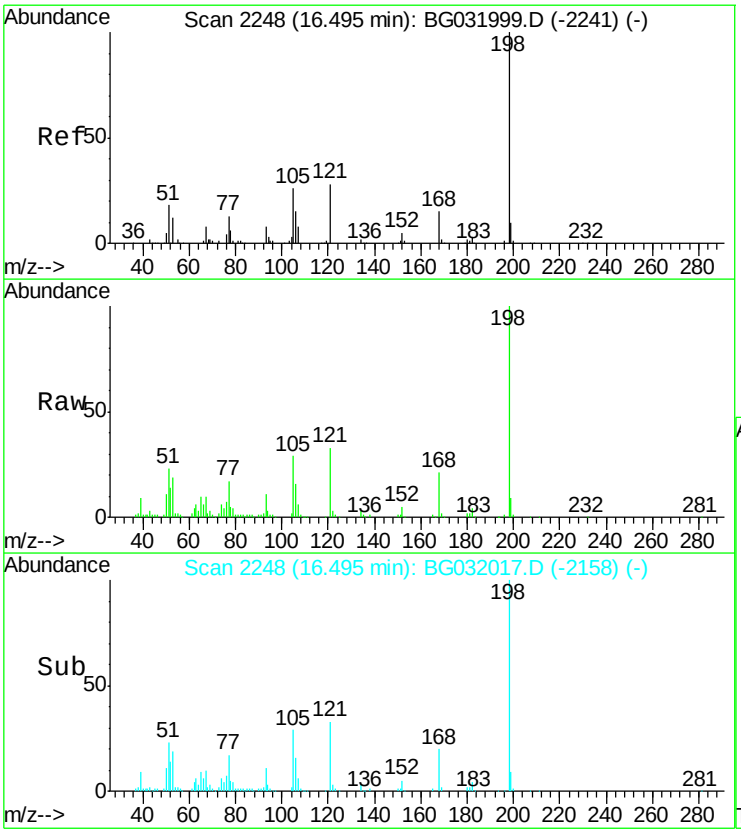
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:188 Resp: 415436

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	5.4	7.7	11.5#

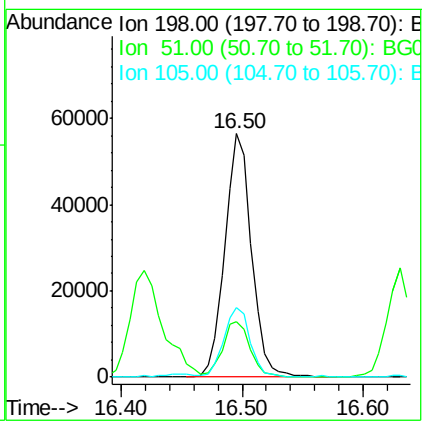


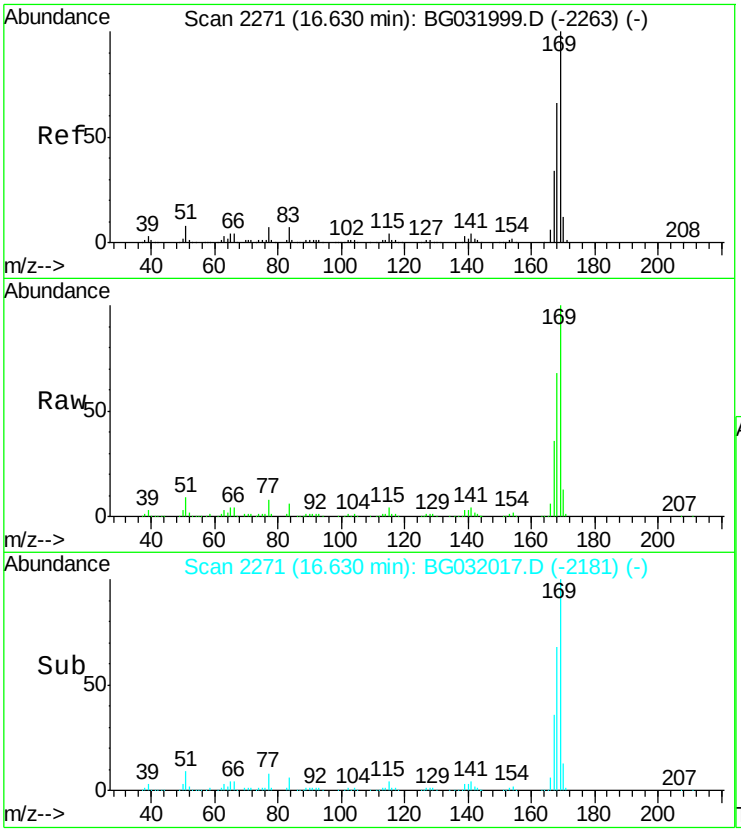


#64
4,6-Dinitro-2-methylphenol
Concen: 34.078 ng
RT: 16.50 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:198 Resp: 86422

Ion	Ratio	Lower	Upper
198	100		
51	23.0	30.6	70.6#
105	28.6	23.8	63.8



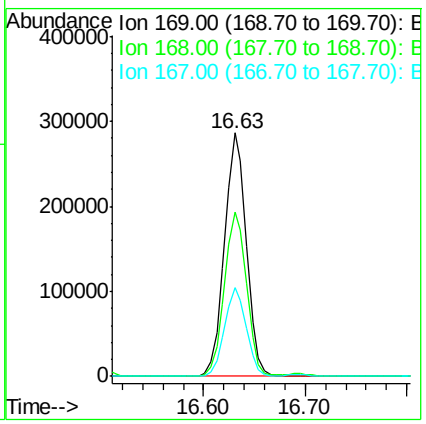


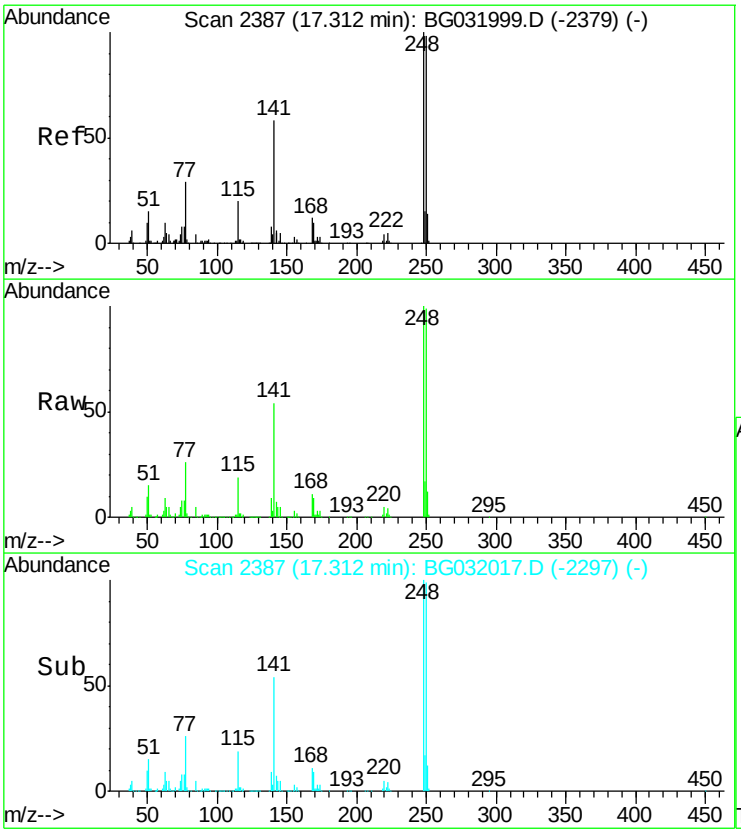
#65
n-Nitrosodiphenylamine
Concen: 33.945 ng
RT: 16.63 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:169 Resp: 427909

Ion	Ratio	Lower	Upper
169	100		
168	67.6	55.7	83.5
167	36.3	30.1	45.1

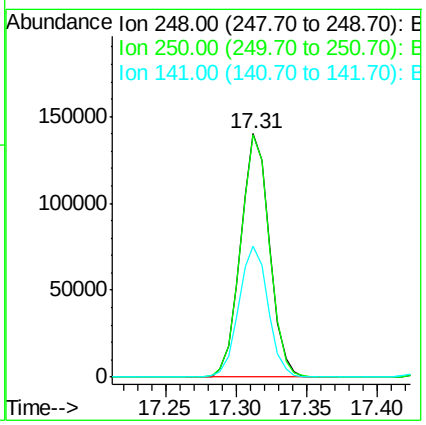


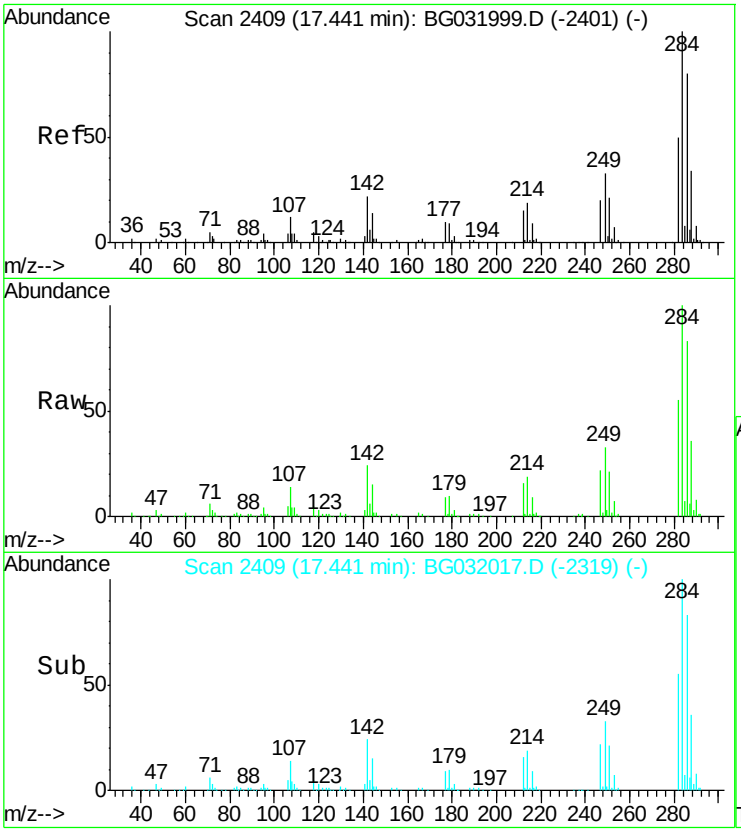


#66
4-Bromophenyl-phenylether
Concen: 33.822 ng
RT: 17.31 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:248 Resp: 199920

Ion	Ratio	Lower	Upper
248	100		
250	99.4	77.1	115.7
141	54.0	50.8	76.2



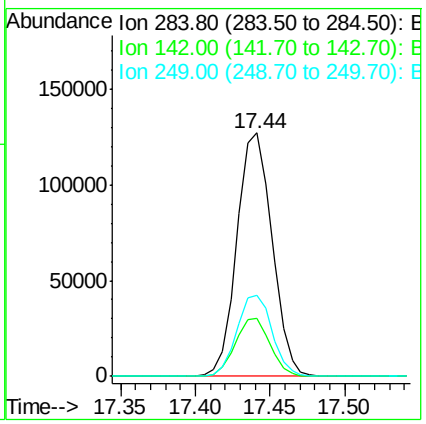


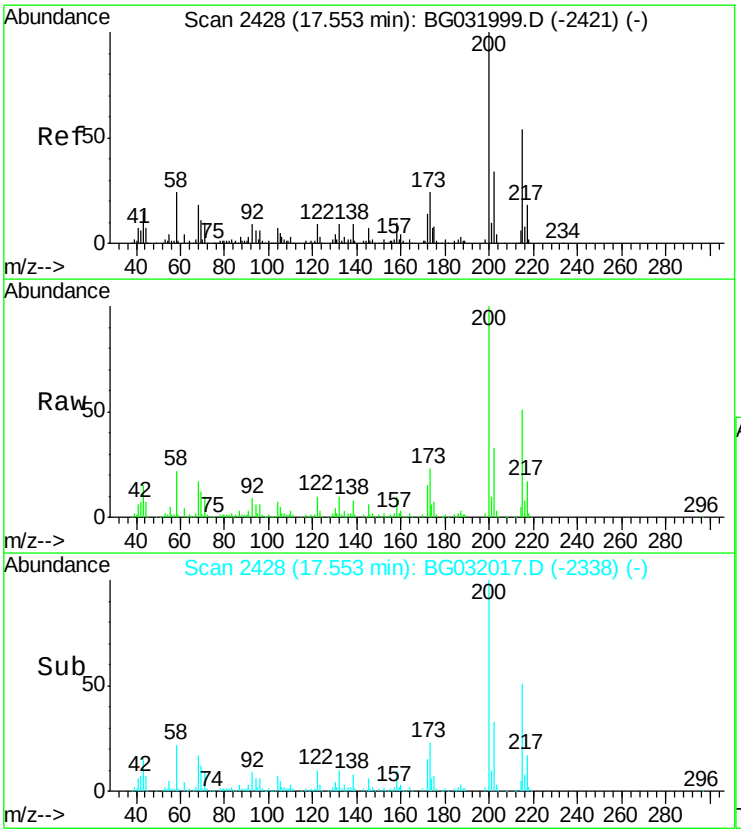
#67
Hexachlorobenzene
Concen: 31.704 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:284 Resp: 207329

Ion	Ratio	Lower	Upper
284	100		
142	23.9	26.8	40.2#
249	33.5	26.3	39.5

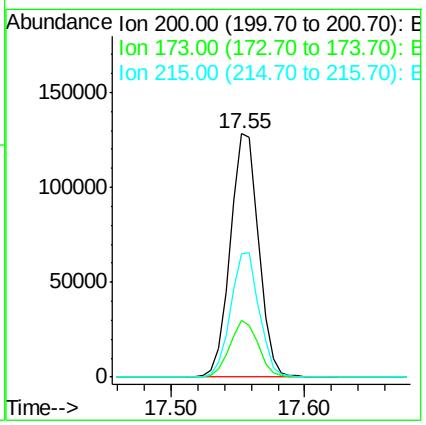


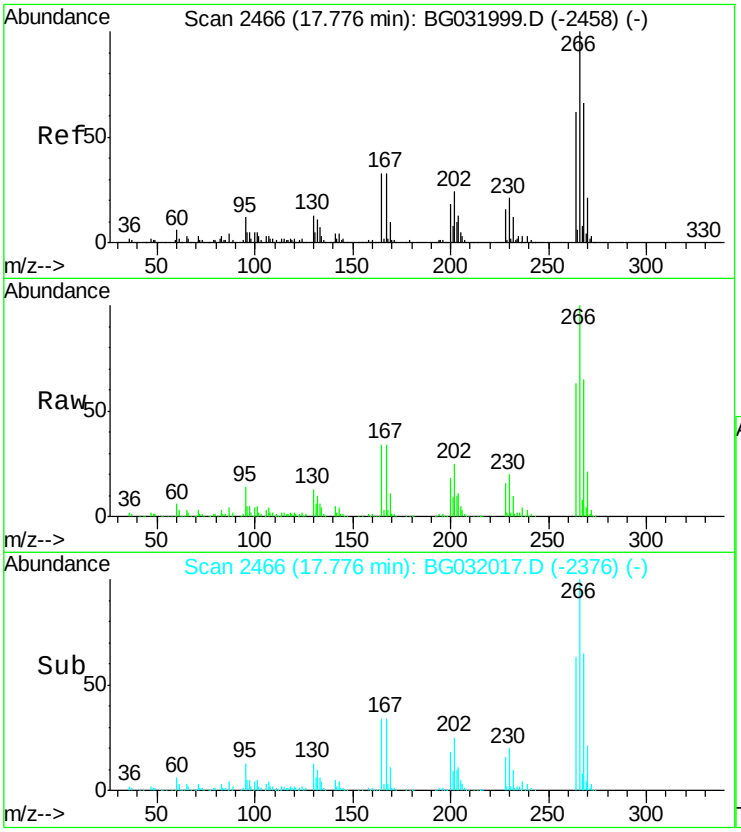


#68
Atrazine
Concen: 35.882 ng
RT: 17.55 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:200 Resp: 190226

Ion	Ratio	Lower	Upper
200	100		
173	23.4	5.2	45.2
215	50.9	30.4	70.4



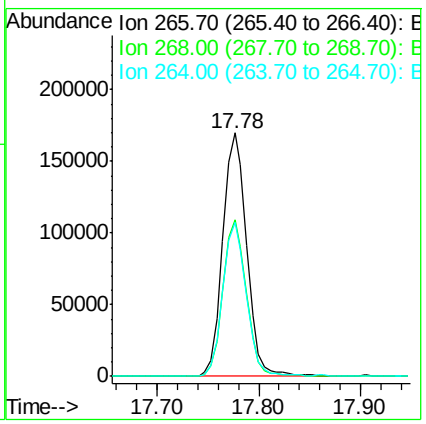


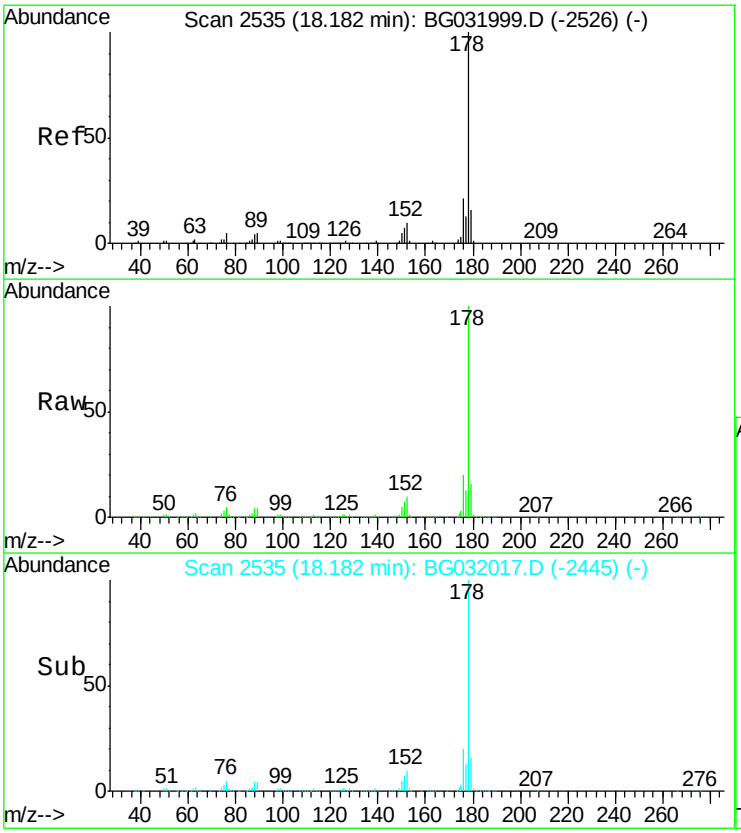
#69
Pentachlorophenol
Concen: 66.658 ng
RT: 17.78 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:266 Resp: 278628

Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	63.5	49.6	74.4

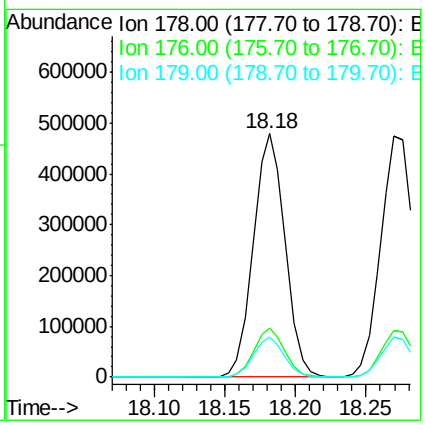


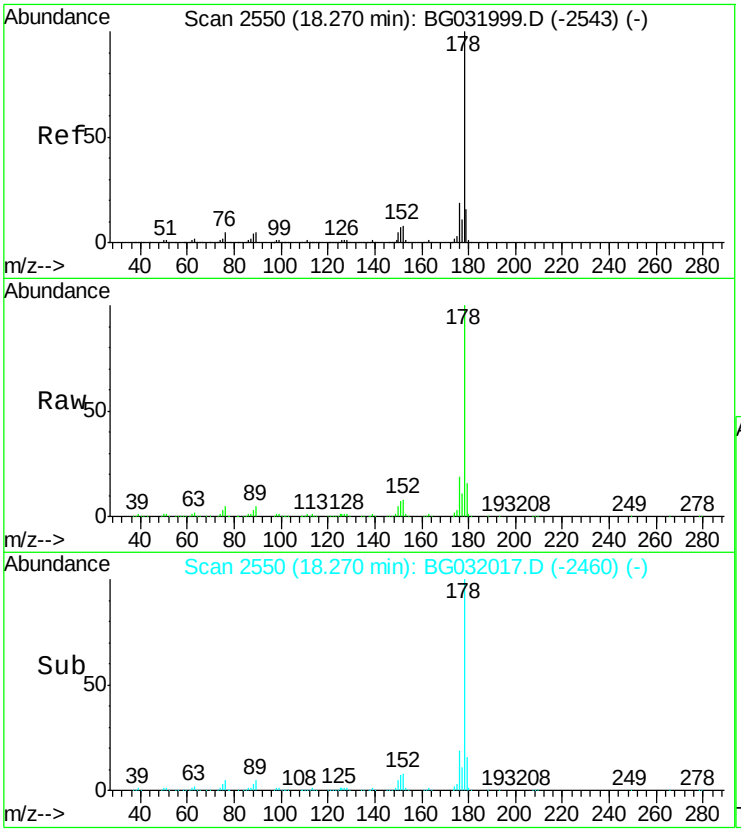


#70
Phenanthrene
Concen: 32.607 ng
RT: 18.18 min Scan# 2535
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:178 Resp: 754203

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.3	12.5	18.7



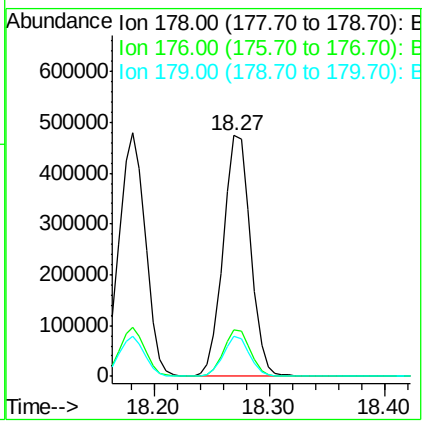


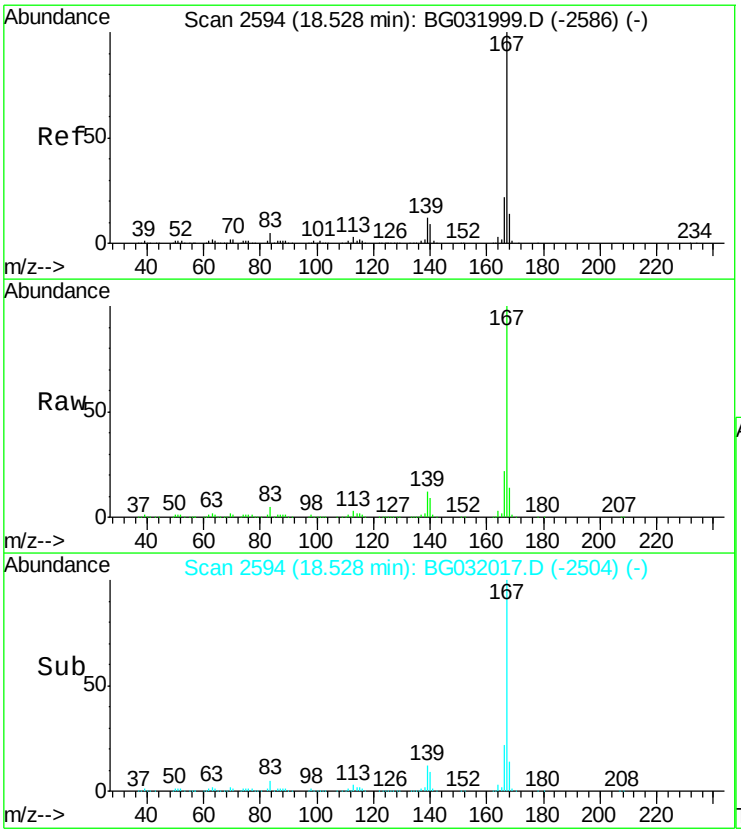
#71
Anthracene
Concen: 33.707 ng
RT: 18.27 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:178 Resp: 777607

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	16.5	12.5	18.7

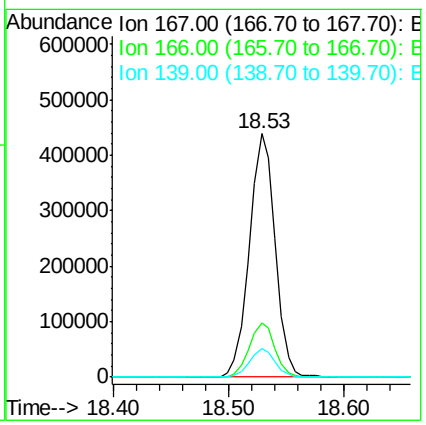


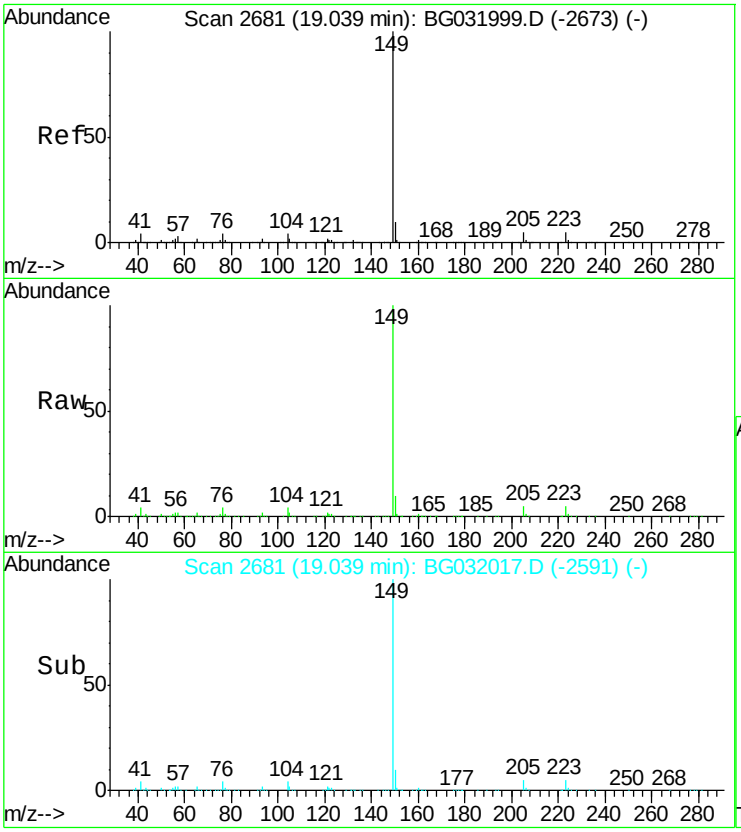


#72
Carbazole
Concen: 34.088 ng
RT: 18.53 min Scan# 2594
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:167 Resp: 682180

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	11.8	9.4	14.2



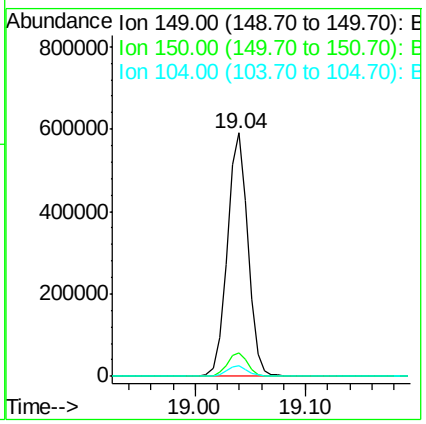


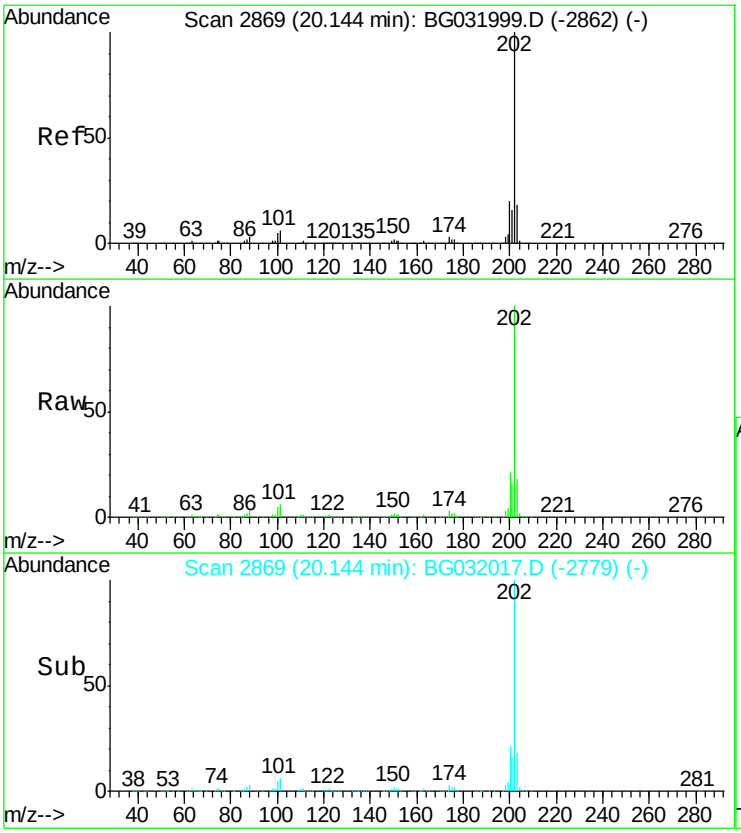
#73
Di-n-butylphthalate
Concen: 32.624 ng
RT: 19.04 min Scan# 2681
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:149 Resp: 771489

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	4.2	3.9	5.9

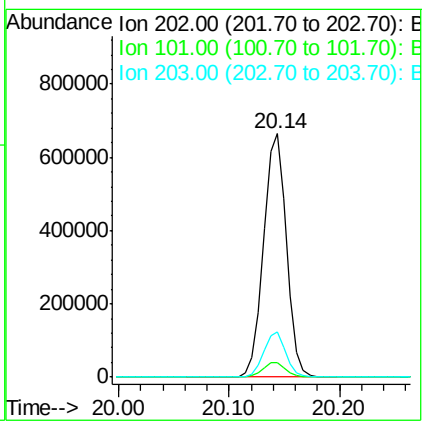


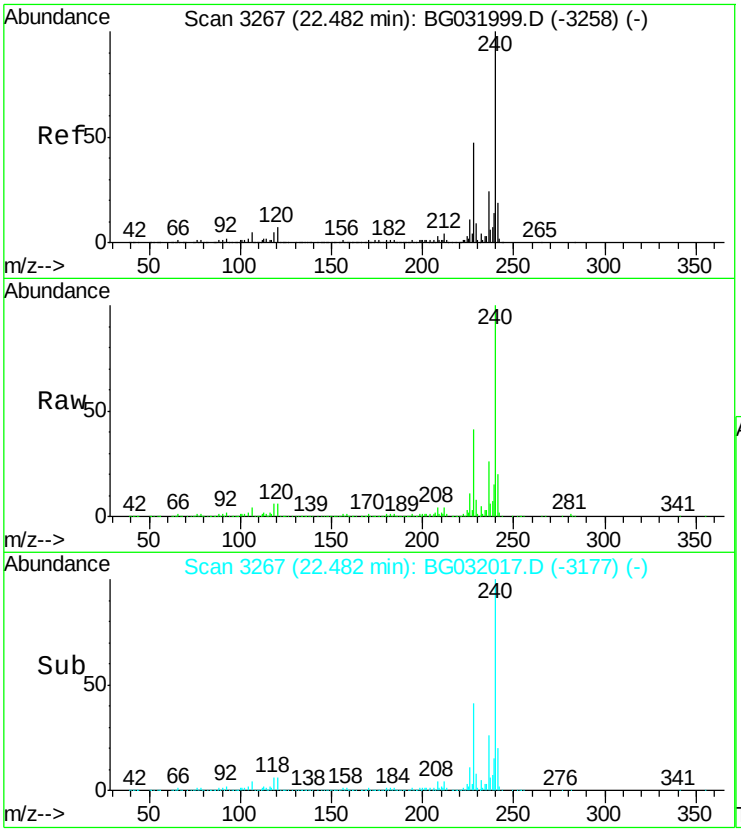


#74
Fluoranthene
Concen: 33.335 ng
RT: 20.14 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:202 Resp: 965365

Ion	Ratio	Lower	Upper
202	100		
101	5.7	0.0	28.9
203	18.4	0.0	37.5



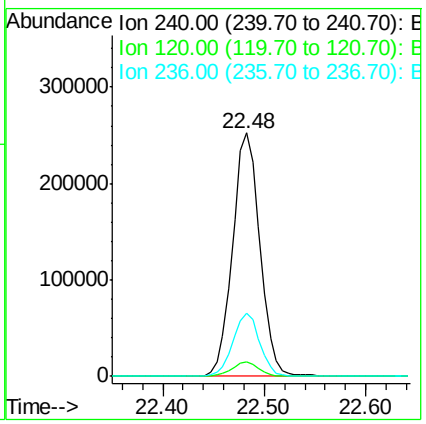


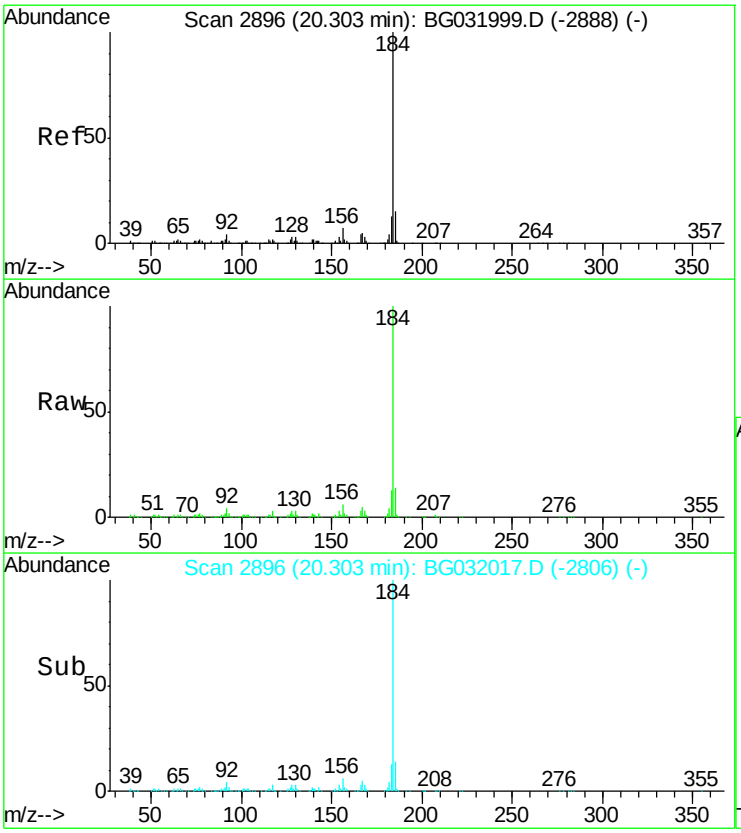
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3267
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:240 Resp: 471852

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	26.0	20.9	31.3

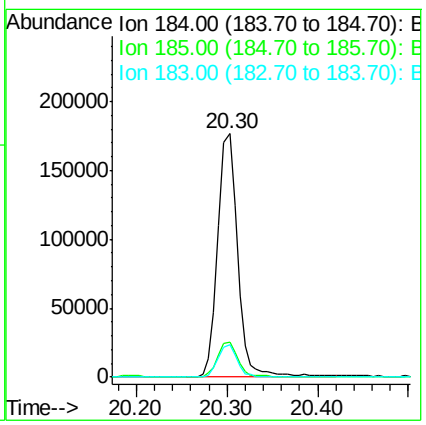


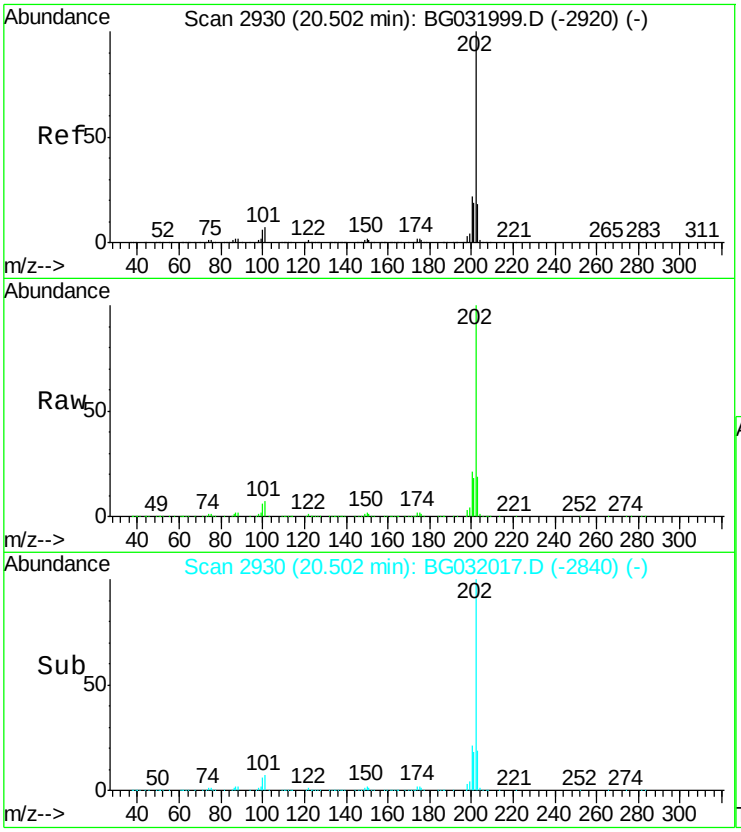


#76
Benzidine
Concen: 23.036 ng
RT: 20.30 min Scan# 2896
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:184 Resp: 271809

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.1	16.7
183	13.1	10.6	16.0



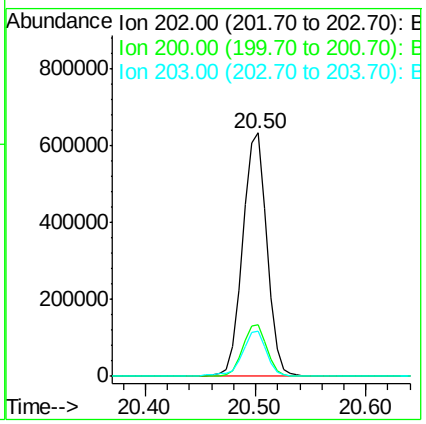


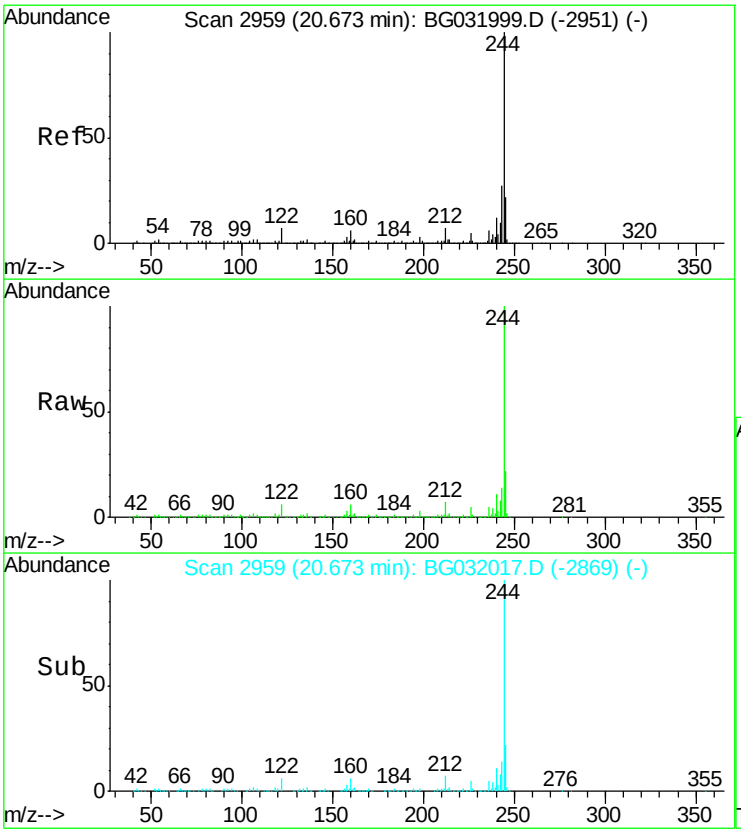
#77
Pyrene
Concen: 32.853 ng
RT: 20.50 min Scan# 2930
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:202 Resp: 974498

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	18.7	13.9	20.9

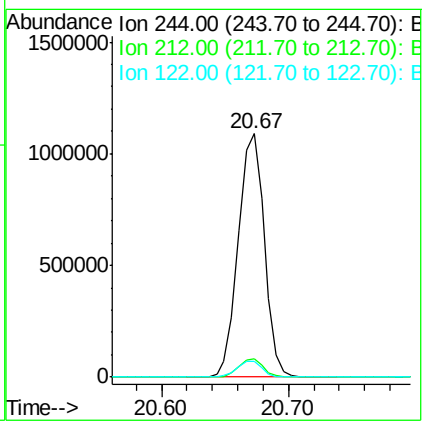


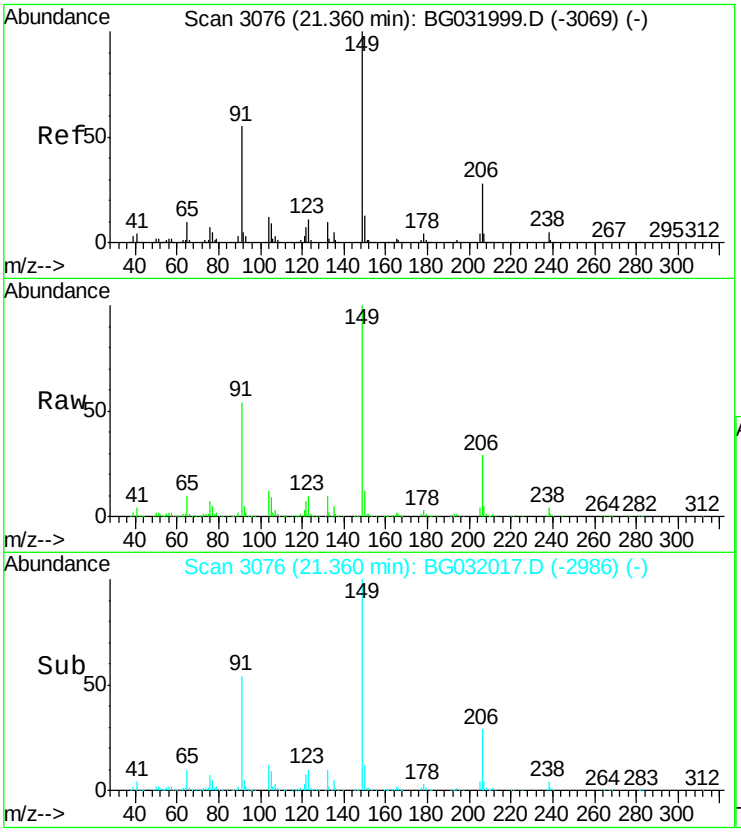


#78
Terphenyl-d14
Concen: 72.649 ng
RT: 20.67 min Scan# 2959
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:244 Resp: 1552476

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	6.3	7.0	10.4#



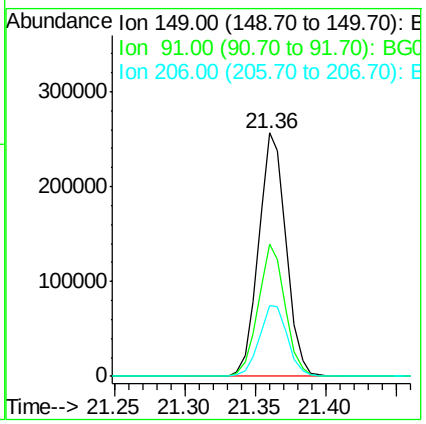


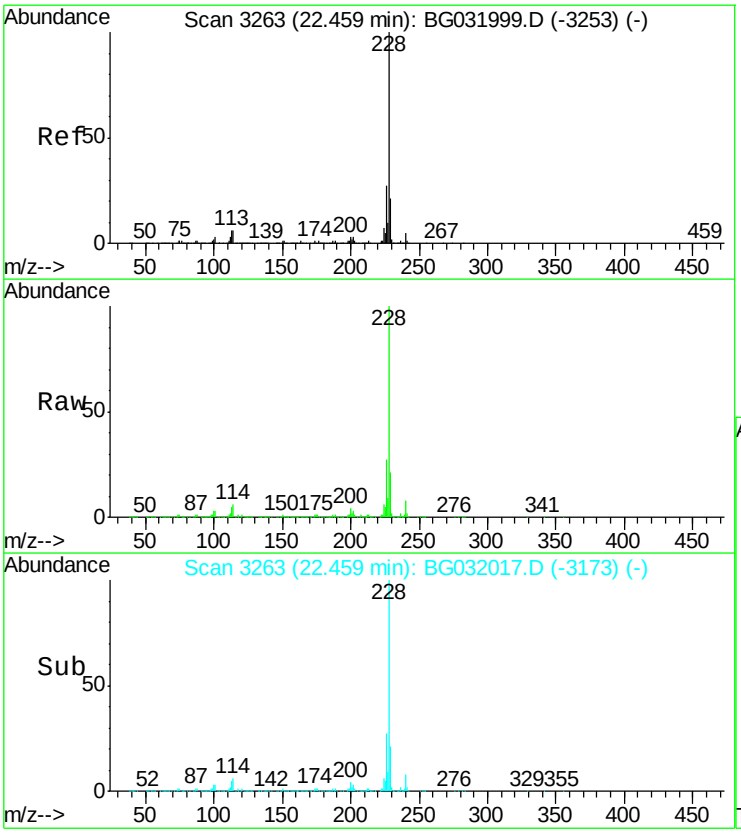
#79
Butylbenzylphthalate
Concen: 33.028 ng
RT: 21.36 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:149 Resp: 351015

Ion	Ratio	Lower	Upper
149	100		
91	54.1	62.2	93.2#
206	29.0	18.6	27.8#

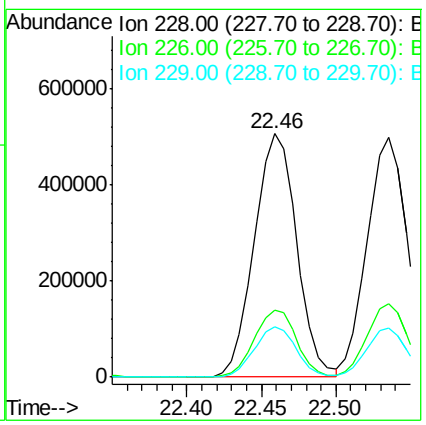


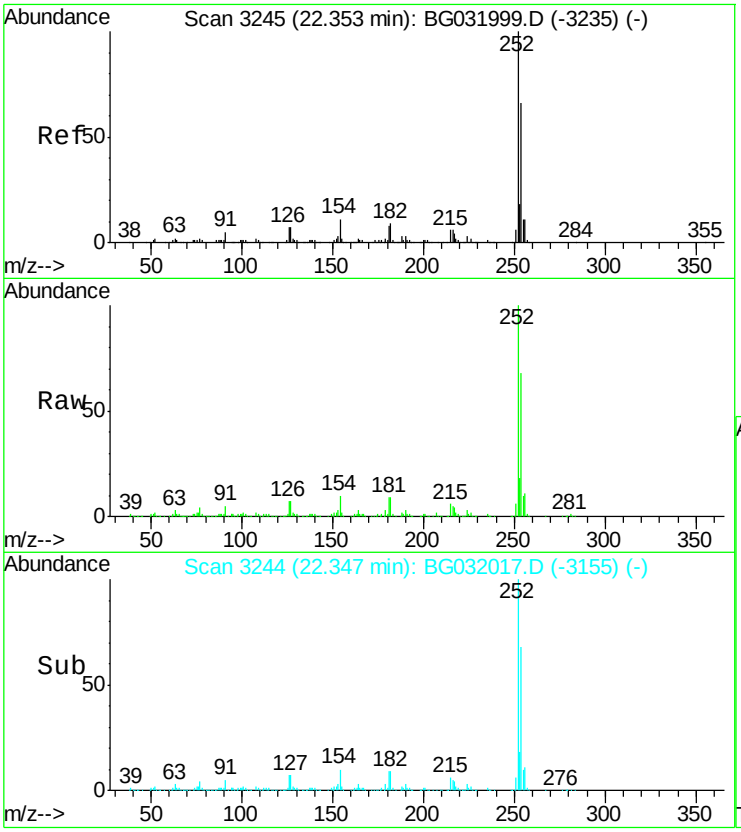


#80
Benzo(a)anthracene
Concen: 34.006 ng
RT: 22.46 min Scan# 3263
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:228 Resp: 997902

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	20.7	16.2	24.2



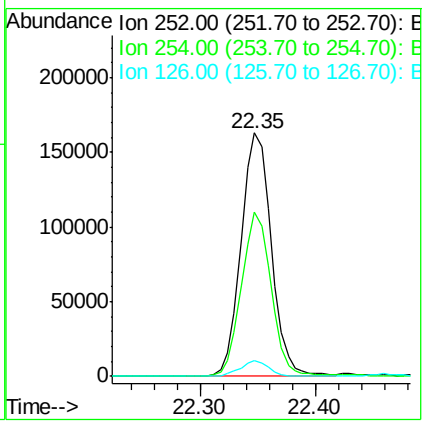


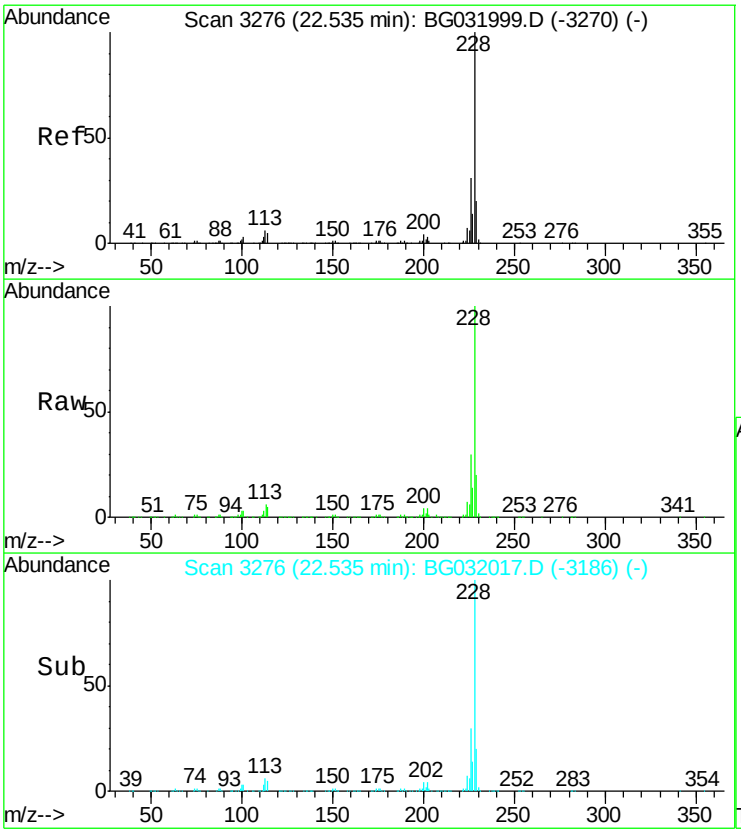
#81
3,3'-Dichlorobenzidine
Concen: 27.245 ng
RT: 22.35 min Scan# 3244
Delta R.T. -0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:252 Resp: 298655

Ion	Ratio	Lower	Upper
252	100		
254	67.6	50.8	76.2
126	6.5	7.4	11.2#

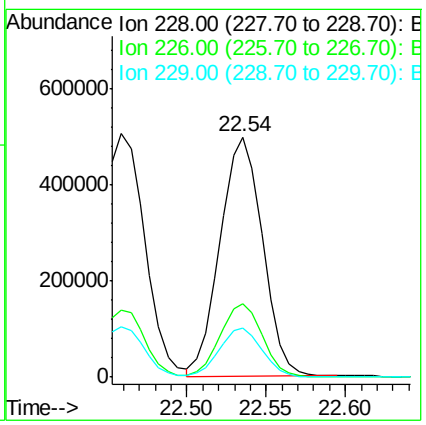


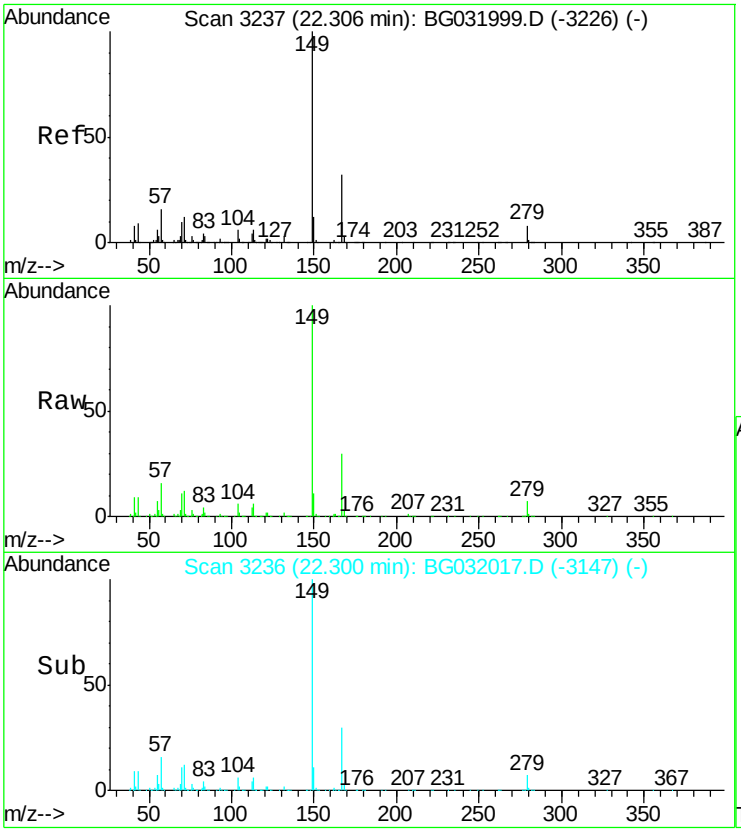


#82
Chrysene
Concen: 32.863 ng
RT: 22.54 min Scan# 3276
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:228 Resp: 926129

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	20.3	15.0	22.4



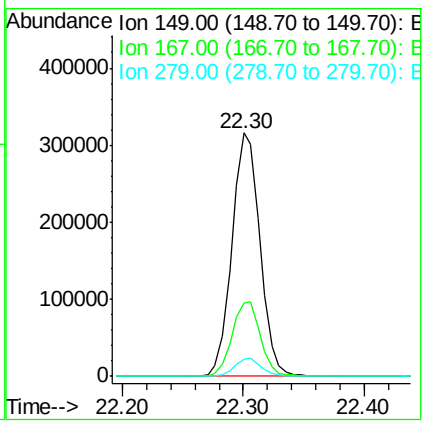


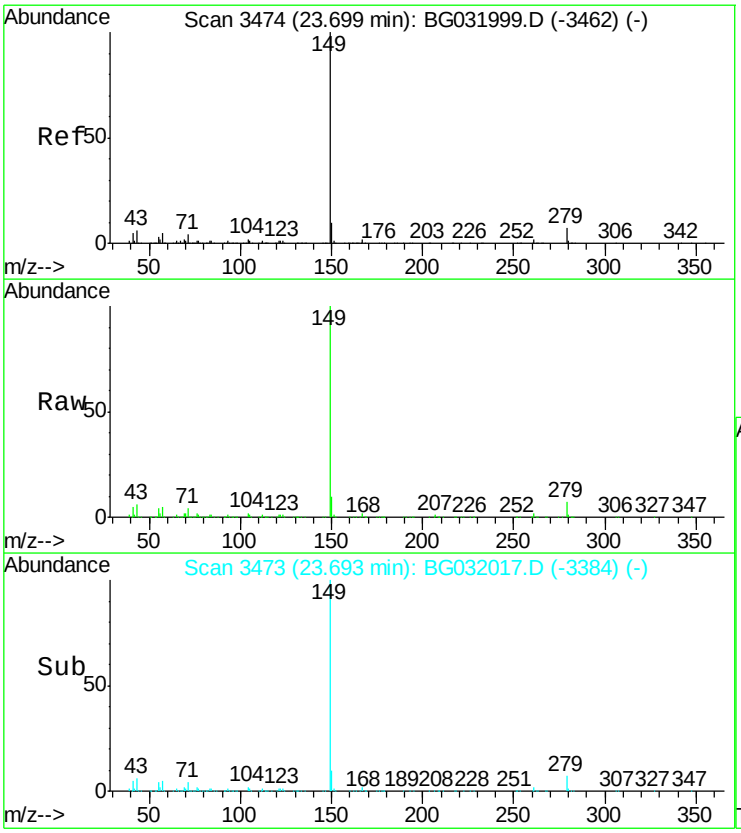
#83
Bis(2-ethylhexyl)phthalate
Concen: 32.754 ng
RT: 22.30 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:149 Resp: 510454

Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.3	36.5
279	7.3	4.0	6.0#

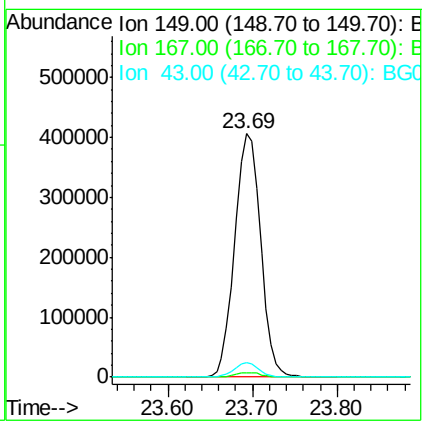


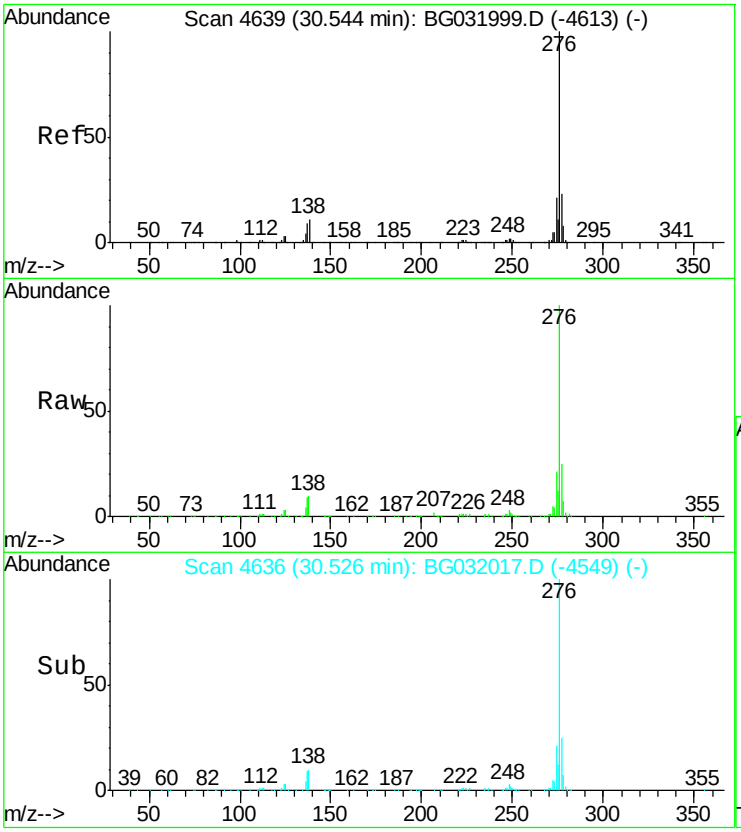


#84
Di-n-octyl phthalate
Concen: 34.850 ng
RT: 23.69 min Scan# 3473
Delta R.T. -0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:149 Resp: 862591

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	5.5	8.9	13.3#



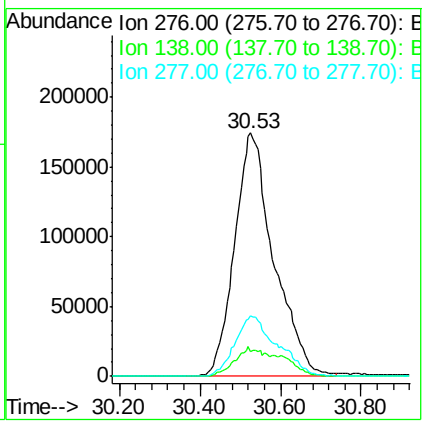


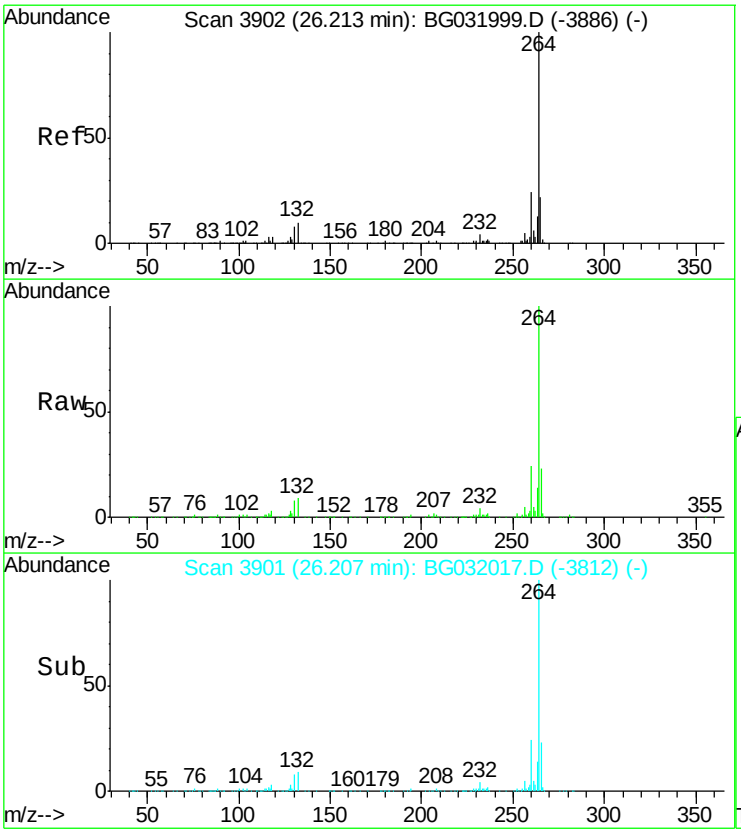
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.299 ng
RT: 30.53 min Scan# 4636
Delta R.T. -0.02 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:276 Resp: 1182920

Ion	Ratio	Lower	Upper
276	100		
138	10.4	16.0	24.0#
277	26.6	20.0	30.0

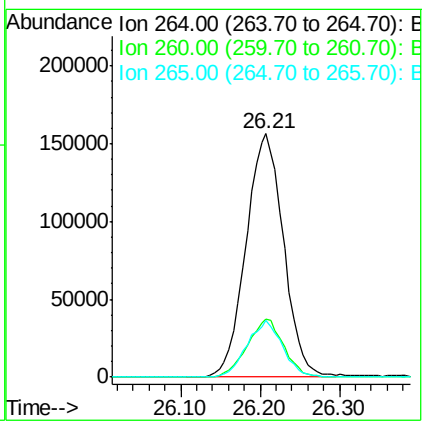


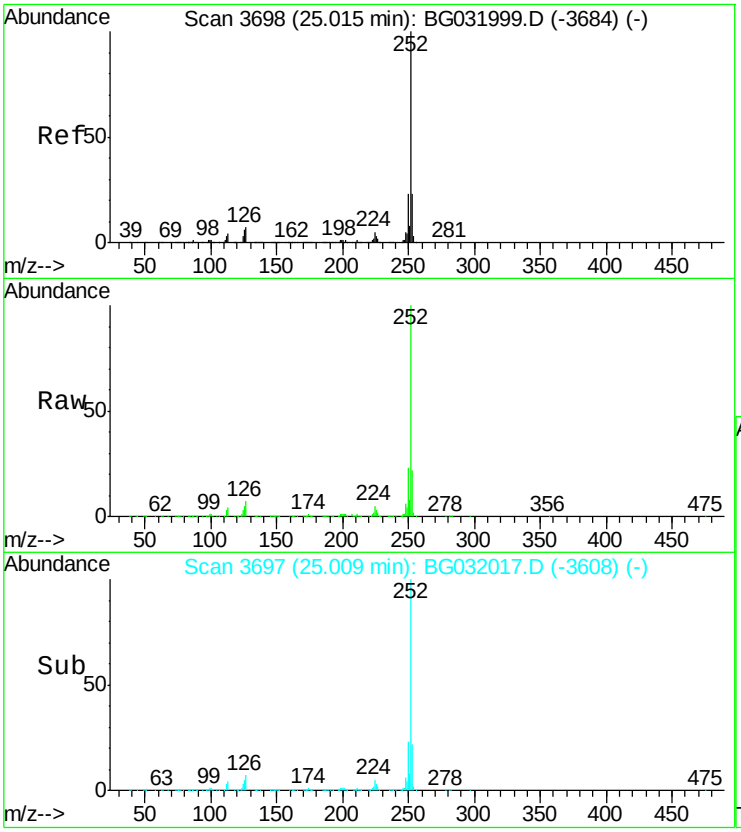


#86
Perylene-d12
Concen: 20.000 ng
RT: 26.21 min Scan# 3901
Delta R.T. -0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:264 Resp: 514769

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	23.1	17.7	26.5



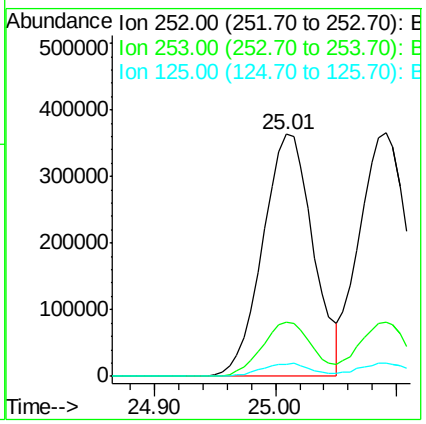


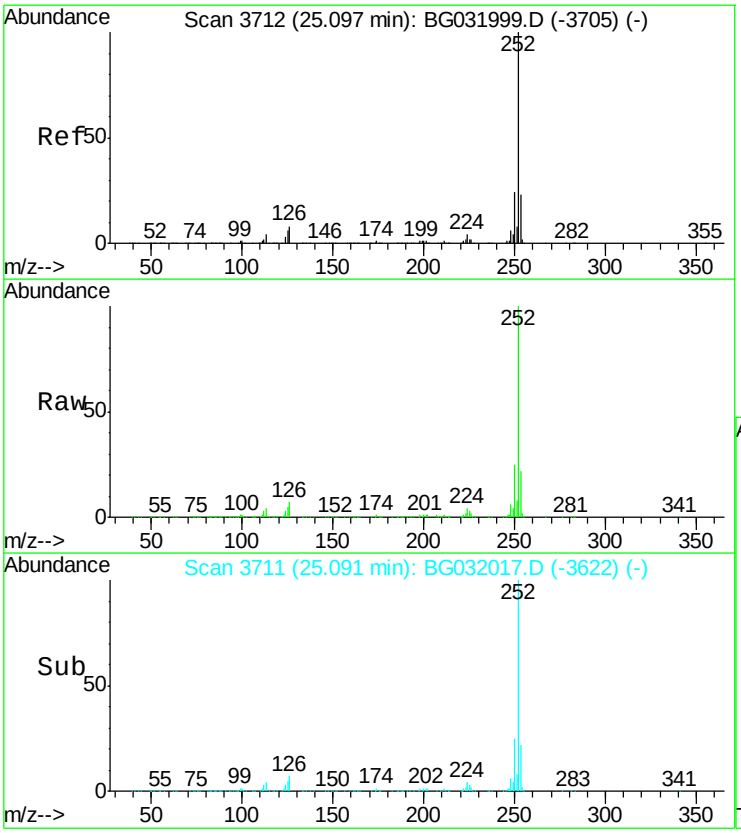
#87
Benzo(b)fluoranthene
Concen: 33.733 ng
RT: 25.01 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:252 Resp: 1049601

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	5.2	7.2	10.8#

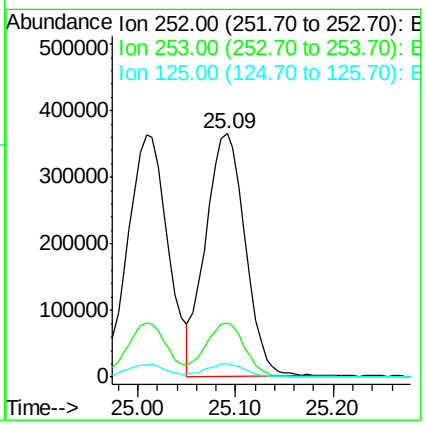


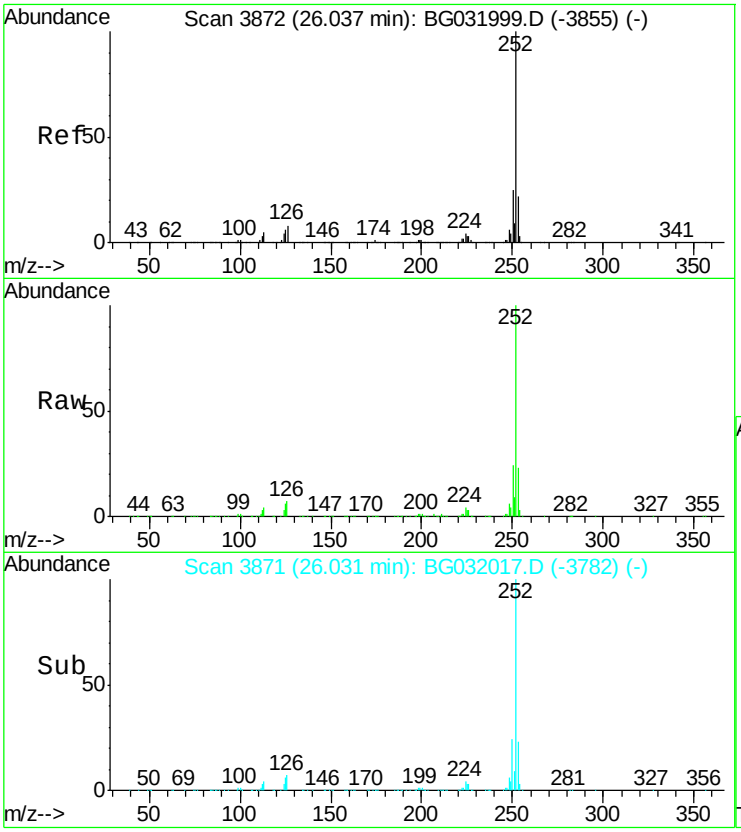


#88
Benzo(k)fluoranthene
Concen: 33.519 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:252 Resp: 1019138

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	5.4	6.6	9.8#



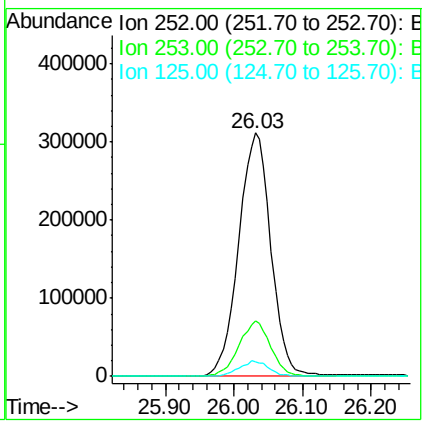


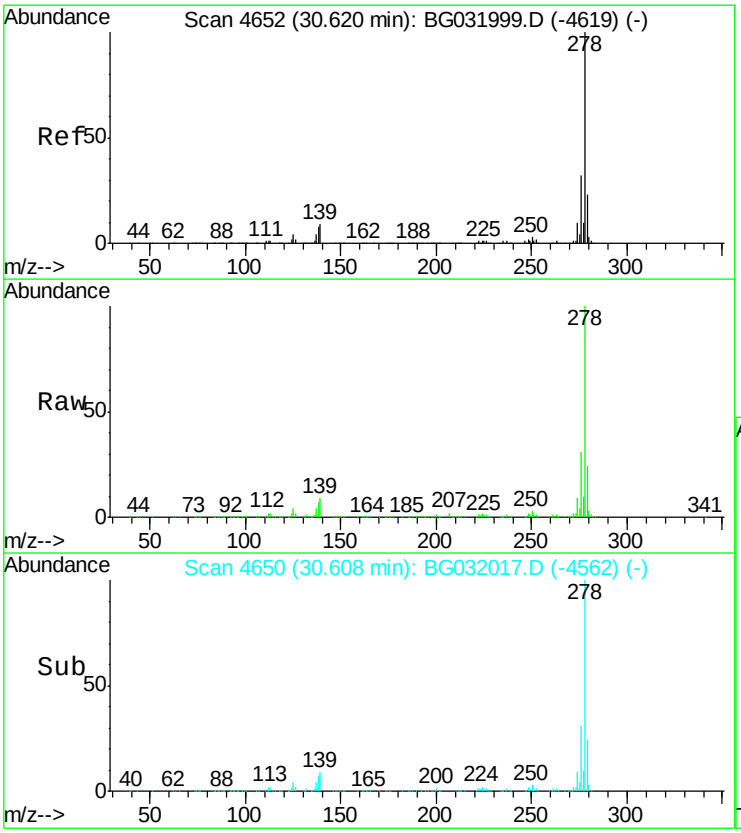
#89
Benzo(a)pyrene
Concen: 34.505 ng
RT: 26.03 min Scan# 3871
Delta R.T. -0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:252 Resp: 1015599

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	6.2	7.3	10.9#

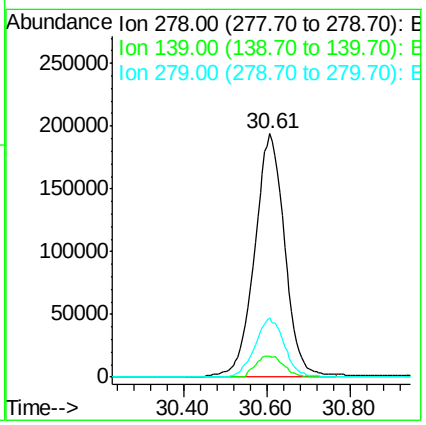


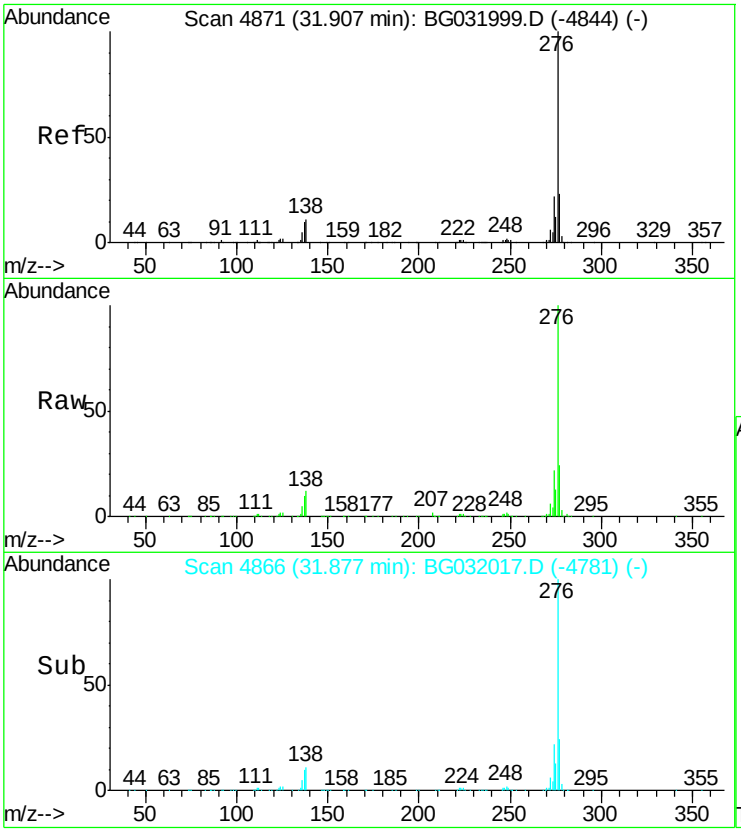


#90
Dibenzo(a,h)anthracene
Concen: 34.371 ng
RT: 30.61 min Scan# 4650
Delta R.T. -0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:278 Resp: 974894

Ion	Ratio	Lower	Upper
278	100		
139	8.8	9.8	14.6#
279	24.3	18.4	27.6





#91
Benzo(g,h,i)perylene
Concen: 34.906 ng
RT: 31.88 min Scan# 4866
Delta R.T. -0.03 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-13MSD

Tgt Ion:276 Resp: 1011932

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	11.6	13.9	20.9#