Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
Data File : BM016438.D
Acq On : 17 Aug 2018 14:25
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 17 15:07:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 14:37:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19911	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	88476	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	55996	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	130470	20.00	ng		0.00
75) Chrysene-d12	21.59	240	134923	20.00	ng		0.00
86) Perylene-d12	23.89	264	102021	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	119597	99.78	ng		0.00
7) Phenol-d6	7.23	99	169920	108.55	ng		0.00
23) Nitrobenzene-d5	9.25	82	218180	114.70	ng		0.00
41) 2,4,6-Tribromophenol	16.20	330	87914	123.79	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	568027	123.43	ng		0.00
78) Terphenyl-d14	20.03	244	932444	144.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	30717	54.695	ng	#	100
3) Pyridine	3.83	79	62694	46.340	ng	#	59
4) n-Nitrosodimethylamine	3.76	42	71424	67.685	ng	#	22
6) Aniline	7.39	93	86769	48.142	ng	#	83
8) 2-Chlorophenol	7.62	128	74772	52.487	ng		98
9) Benzaldehyde	7.21	77	54130	49.217	ng	#	84
10) Phenol	7.26	94	81297	51.938	ng		83
11) bis(2-Chloroethyl)ether	7.49	93	58383	47.214	ng		86
12) 1,3-Dichlorobenzene	7.94	146	84193	50.490	ng	#	84
13) 1,4-Dichlorobenzene	8.09	146	84813	50.150	ng	#	94
14) 1,2-Dichlorobenzene	8.41	146	85018	51.377	ng	#	92
15) Benzyl Alcohol	8.32	79	72491	58.159	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.59	45	73205	38.682	ng		91
17) 2-Methylphenol	8.52	107	55799	52.156	ng	#	76
18) Hexachloroethane	9.13	117	45512	62.257	ng		94
19) n-Nitroso-di-n-propylamine	8.88	70	64556	56.423	ng	#	59
20) 3+4-Methylphenols	8.85	107	78403	50.935	ng	#	82
22) Acetophenone	8.90	105	123347	55.366	ng	#	73
24) Nitrobenzene	9.29	77	104230	54.435	ng	#	91
25) Isophorone	9.81	82	143675	55.217	ng	#	92
26) 2-Nitrophenol	10.00	139	43744	54.727	ng	#	26
27) 2,4-Dimethylphenol	10.05	122	57630	51.752	ng	#	73
28) bis(2-Chloroethoxy)methane	10.29	93	83624	49.447	ng		95
29) 2,4-Dichlorophenol	10.53	162	78336	59.199	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	90571	56.332	ng	#	97
31) Naphthalene	10.92	128	228114	50.943	ng		99
32) Benzoic acid	10.27	122	48378	56.989	ng	#	80
33) 4-Chloroaniline	11.05	127	96394	52.752	ng	#	82
34) Hexachlorobutadiene	11.17	225	82027	73.551	ng		98
35) Caprolactam	11.89	113	20808	56.774	ng		91
36) 4-Chloro-3-methylphenol	12.17	107	87531	60.140	ng		84
37) 2-Methylnaphthalene	12.53	142	170309	56.777	ng	#	83
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	117797	61.791	ng	#	100
40) Hexachlorocyclopentadiene	12.85	237	41976	53.940	ng		96

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
Data File : BM016438.D
Acq On : 17 Aug 2018 14:25
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Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 17 15:07:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 14:37:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	72555	60.831 ng		100
43) 2,4,5-Trichlorophenol	13.23	196	71459	58.083 ng	#	85
45) 1,1'-Biphenyl	13.53	154	265711	52.580 ng		99
46) 2-Chloronaphthalene	13.59	162	209774	53.371 ng	#	89
47) 2-Nitroaniline	13.81	65	72897	56.098 ng	#	69
48) Acenaphthylene	14.43	152	320590	55.716 ng		98
49) Dimethylphthalate	14.17	163	283833	57.919 ng	#	99
50) 2,6-Dinitrotoluene	14.30	165	55178	55.961 ng	#	26
51) Acenaphthene	14.77	154	190995	53.972 ng		97
52) 3-Nitroaniline	14.64	138	51989	48.816 ng	#	65
53) 2,4-Dinitrophenol	14.87	184	24807	67.488 ng	#	55
54) Dibenzofuran	15.10	168	346769	59.464 ng	#	79
55) 4-Nitrophenol	14.96	139	35340	46.289 ng	#	78
56) 2,4-Dinitrotoluene	15.10	165	91618	64.984 ng	#	62
57) Fluorene	15.75	166	265280	61.217 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.33	232	70868	67.016 ng	#	100
59) Diethylphthalate	15.52	149	324922	61.515 ng		94
60) 4-Chlorophenyl-phenylether	15.74	204	169723	70.355 ng	#	89
61) 4-Nitroaniline	15.81	138	51374	50.277 ng	#	1
62) Azobenzene	16.03	77	371037	66.700 ng	#	69
64) 4,6-Dinitro-2-methylphenol	15.87	198	48536	61.289 ng	#	85
65) n-Nitrosodiphenylamine	15.96	169	237328	55.242 ng		96
66) 4-Bromophenyl-phenylether	16.63	248	93551	63.323 ng	#	72
67) Hexachlorobenzene	16.74	284	93013	57.171 ng	#	53
68) Atrazine	16.90	200	83872	54.470 ng		97
69) Pentachlorophenol	17.10	266	51974	51.590 ng		96
70) Phenanthrene	17.49	178	387382	53.033 ng		98
71) Anthracene	17.57	178	387770	54.622 ng		98
72) Carbazole	17.86	167	372434	50.640 ng	#	96
73) Di-n-butylphthalate	18.38	149	544086	59.369 ng	#	95
74) Fluoranthene	19.49	202	453046	55.602 ng		96
76) Benzidine	19.67	184	149390	39.623 ng		98
77) Pyrene	19.84	202	475884	58.856 ng		99
79) Butylbenzylphthalate	20.71	149	226238	55.079 ng	#	74
80) Benzo(a)anthracene	21.57	228	442189	53.212 ng		98
81) 3,3'-Dichlorobenzidine	21.50	252	161242	48.173 ng		97
82) Chrysene	21.62	228	417434	52.366 ng		100
83) Bis(2-ethylhexyl)phthalate	21.46	149	315882	53.064 ng		91
84) Di-n-octyl phthalate	22.36	149	458899	45.868 ng	#	86
85) Indeno(1,2,3-cd)pyrene	26.25	276	334636	35.376 ng		99
87) Benzo(b)fluoranthene	23.20	252	375554	62.522 ng	#	93
88) Benzo(k)fluoranthene	23.24	252	368409	60.519 ng	#	95
89) Benzo(a)pyrene	23.80	252	312231	54.070 ng	#	96
90) Dibenzo(a,h)anthracene	26.24	278	286011	47.805 ng	#	92
91) Benzo(g,h,i)perylene	26.97	276	253076	44.724 ng	#	88

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

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Misc :
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Instrument :
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Quant Time: Aug 17 15:07:51 2018
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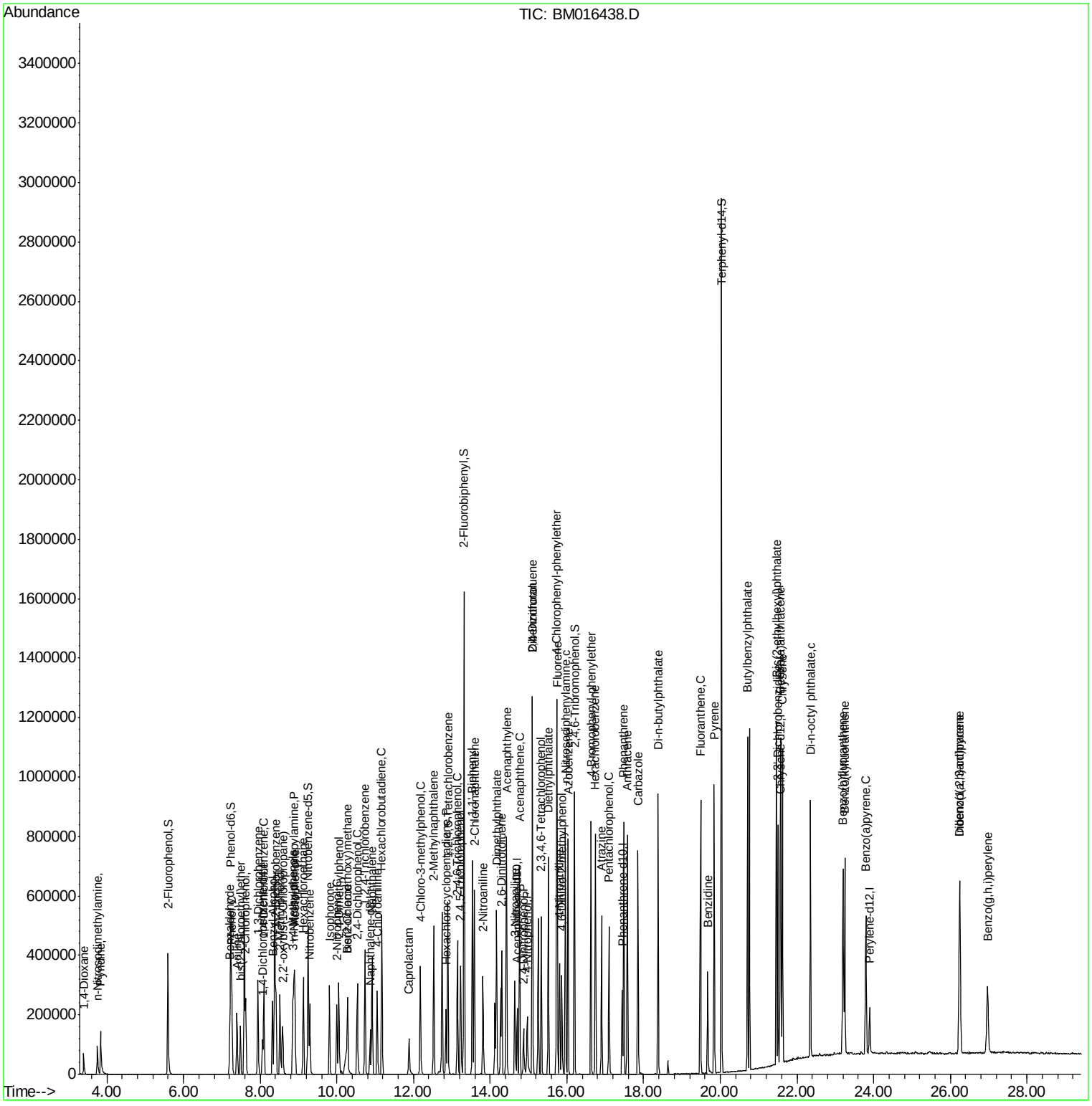
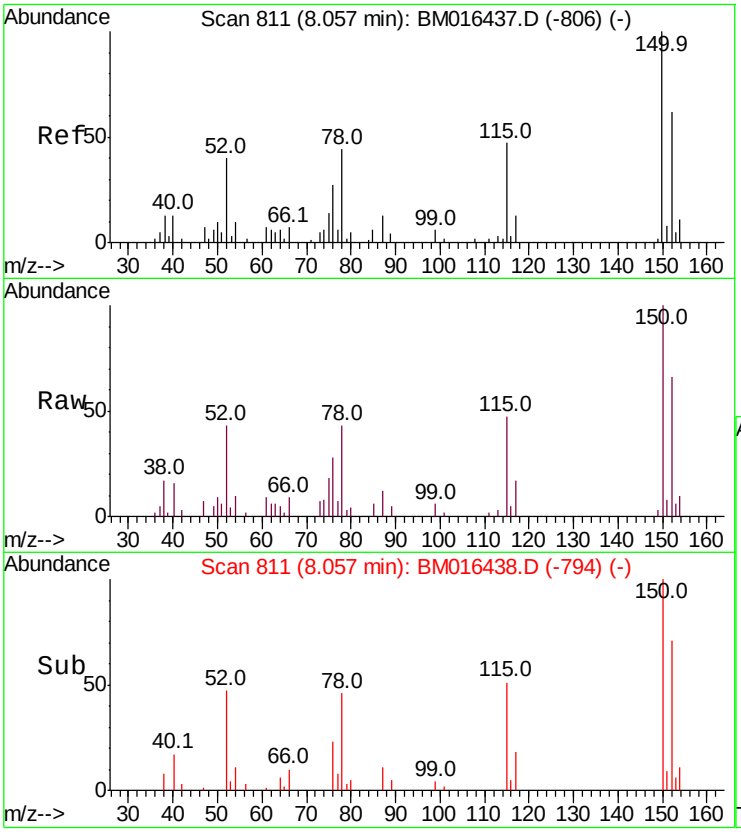
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 14:37:22 2018
Response via : Initial Calibration



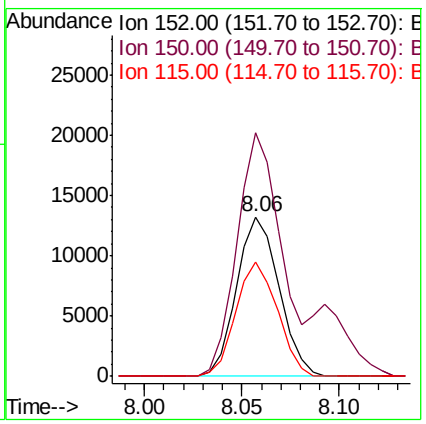


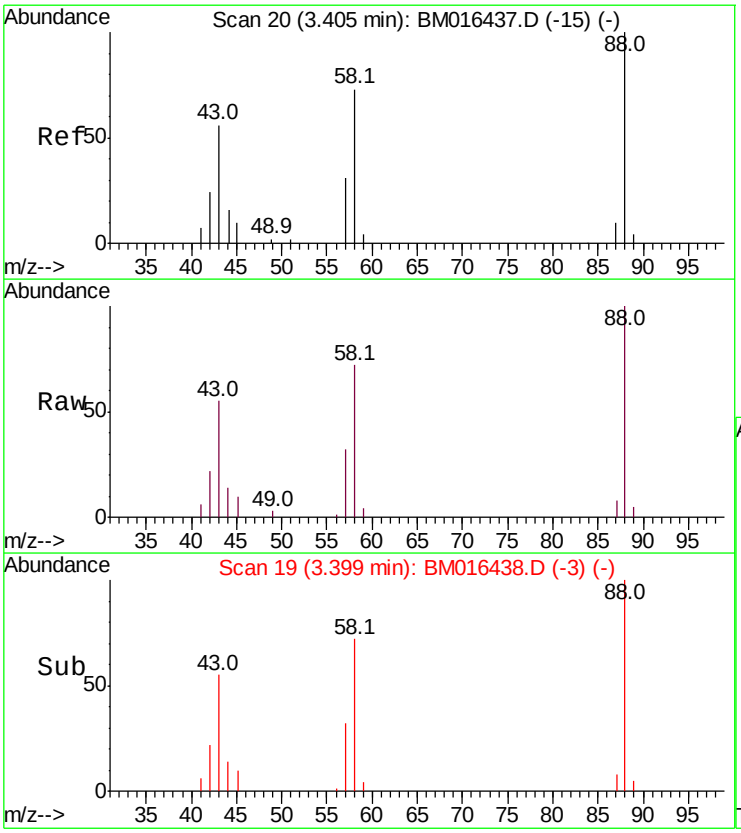
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 19911

Ion	Ratio	Lower	Upper
152	100		
150	152.4	119.5	179.3
115	71.8	43.0	64.4#

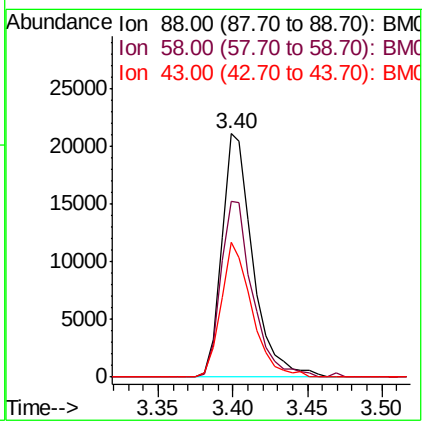


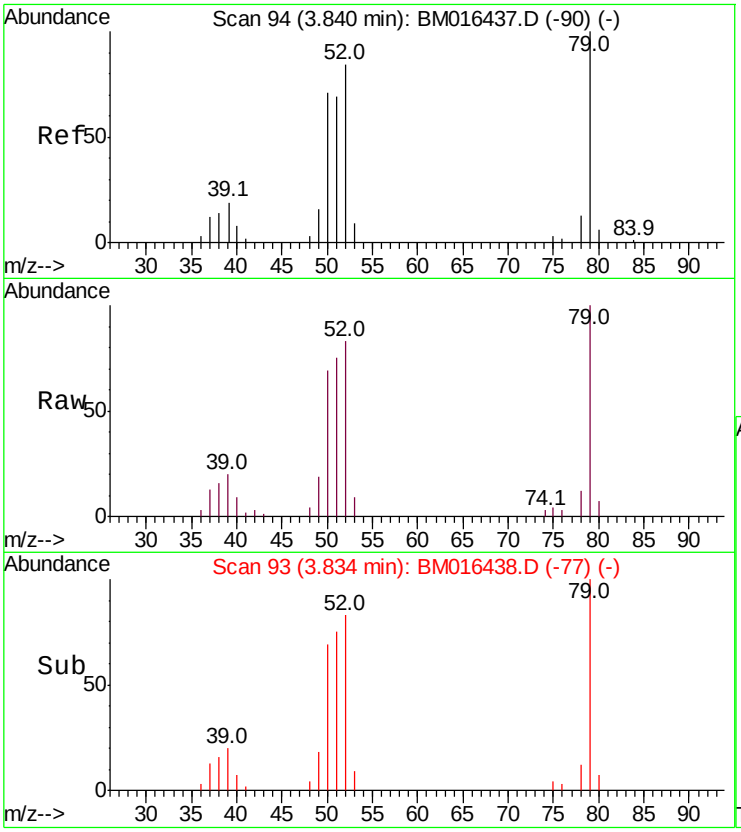


#2
1,4-Dioxane
Concen: 54.695 ng
RT: 3.40 min Scan# 19
Delta R.T. -0.01 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion: 88 Resp: 30717

Ion	Ratio	Lower	Upper
88	100		
58	74.0	0.0	0.0#
43	55.2	0.0	0.0#



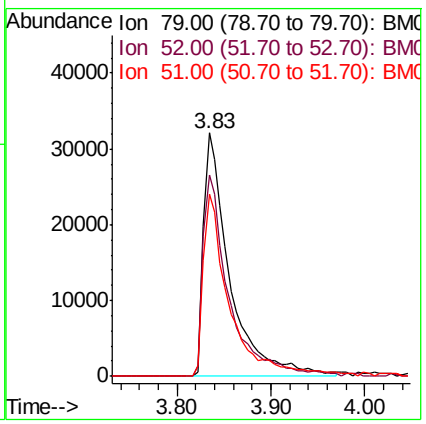


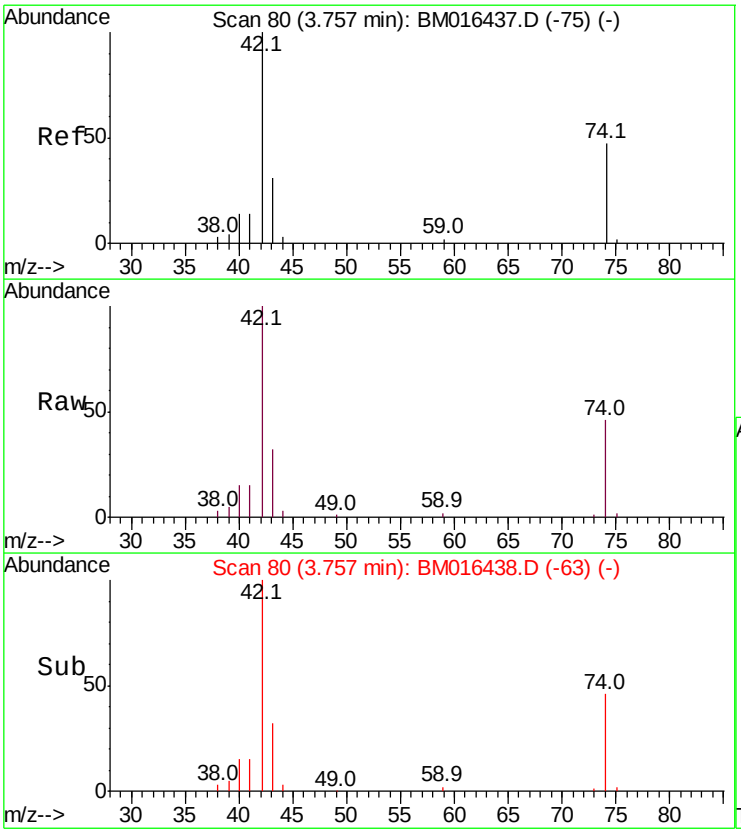
#3
Pyridine
Concen: 46.340 ng
RT: 3.83 min Scan# 93
Delta R.T. -0.01 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 62694

Ion	Ratio	Lower	Upper
79	100		
52	82.5	51.1	76.7#
51	74.7	26.1	39.1#

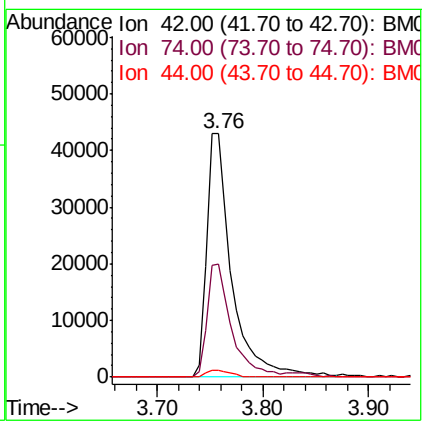


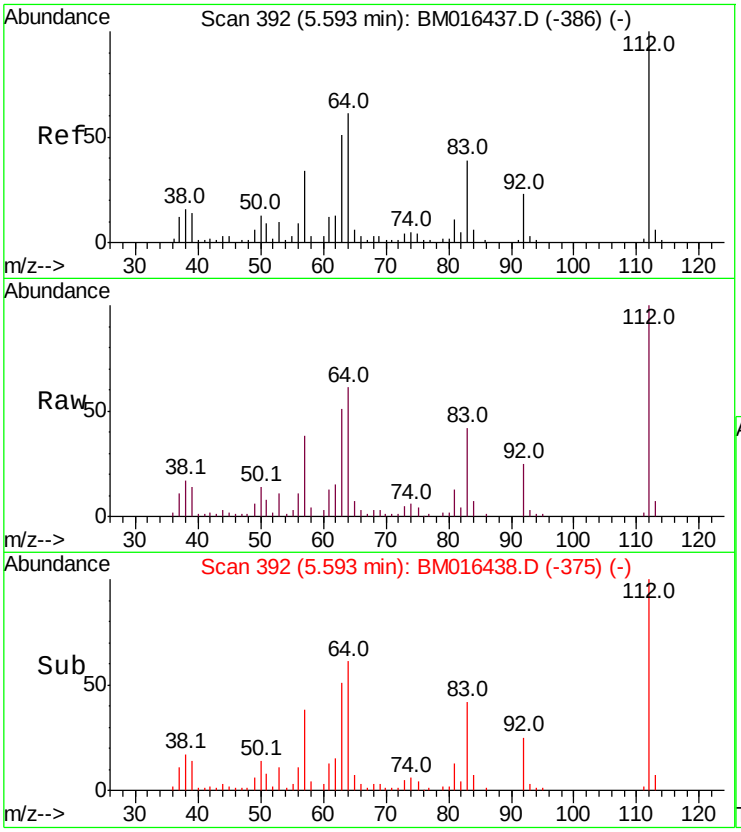


#4
n-Nitrosodimethylamine
Concen: 67.685 ng
RT: 3.76 min Scan# 80
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion: 42 Resp: 71424

Ion	Ratio	Lower	Upper
42	100		
74	46.4	119.3	178.9#
44	3.1	5.4	8.2#



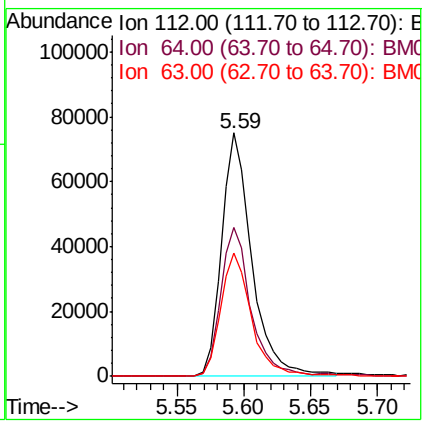


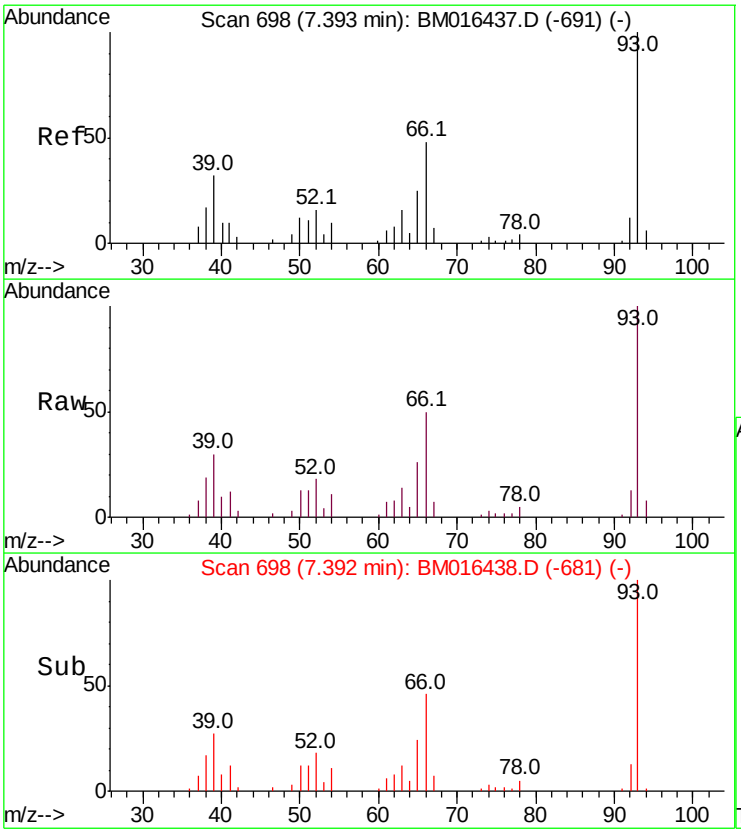
#5
2-Fluorophenol
Concen: 67.685 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:112 Resp: 119597

Ion	Ratio	Lower	Upper
112	100		
64	61.3	38.6	57.8#
63	50.9	19.3	28.9#

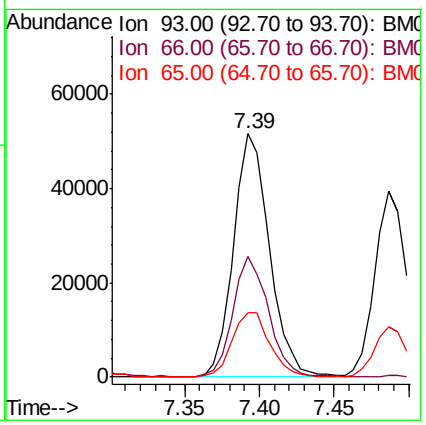


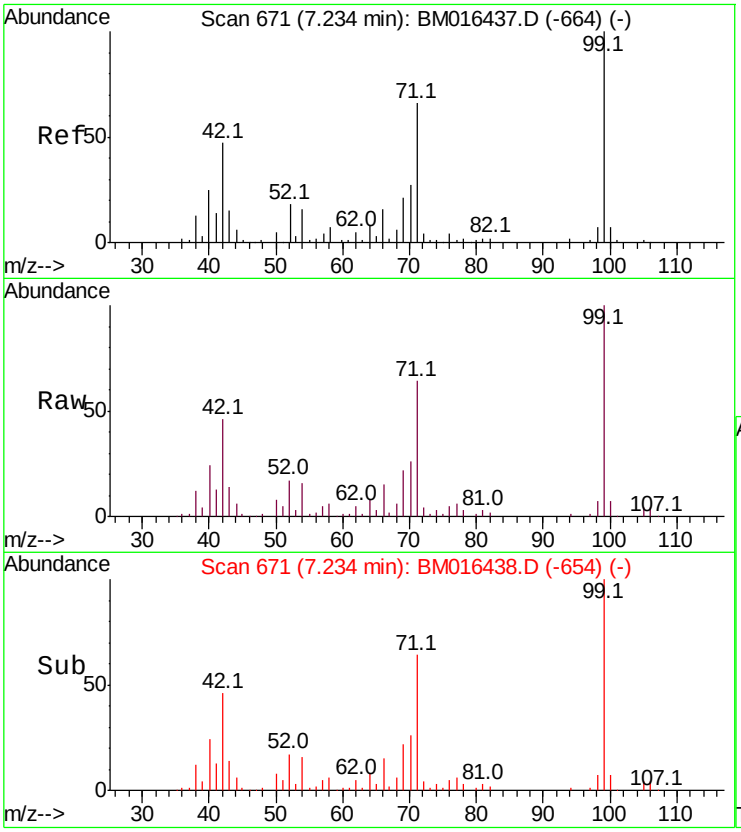


#6
Aniline
Concen: 48.142 ng
RT: 7.39 min Scan# 698
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion: 93 Resp: 86769

Ion	Ratio	Lower	Upper
93	100		
66	49.8	30.8	46.2#
65	26.4	16.0	24.0#



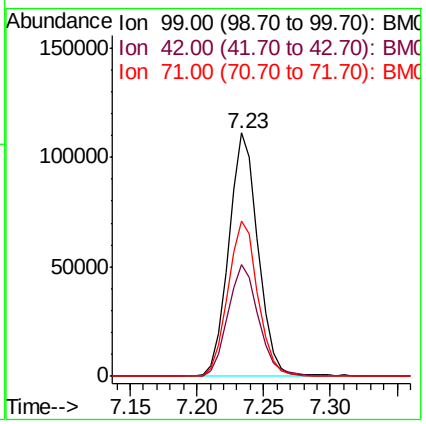


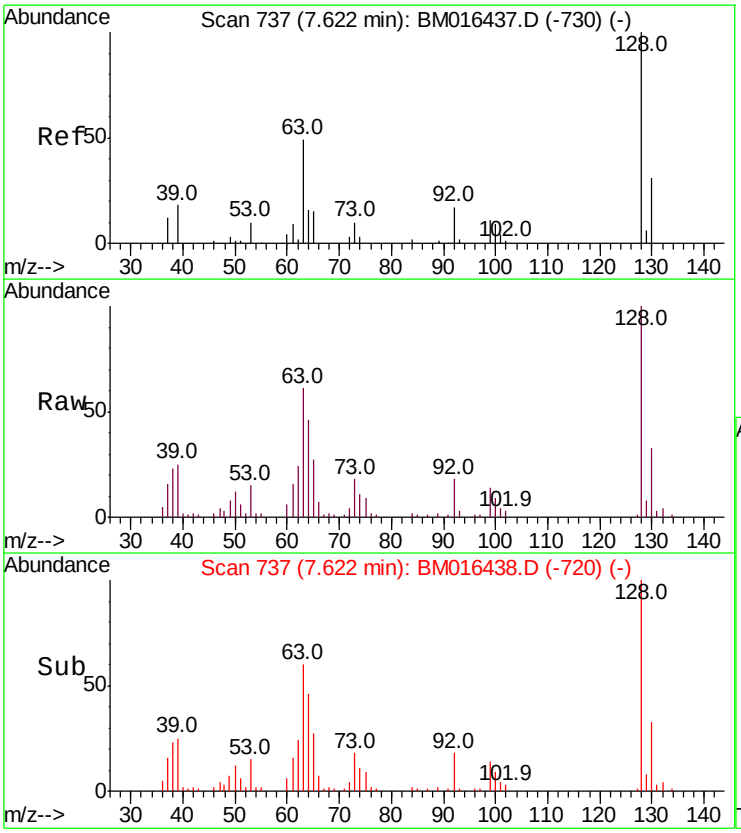
#7
Phenol-d6
Concen: 48.142 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 169920

Ion	Ratio	Lower	Upper
99	100		
42	45.9	11.0	16.4#
71	63.7	23.4	35.2#

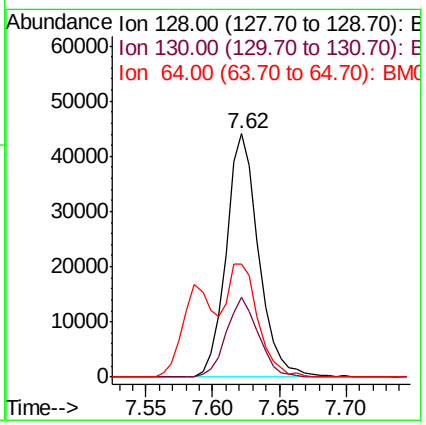


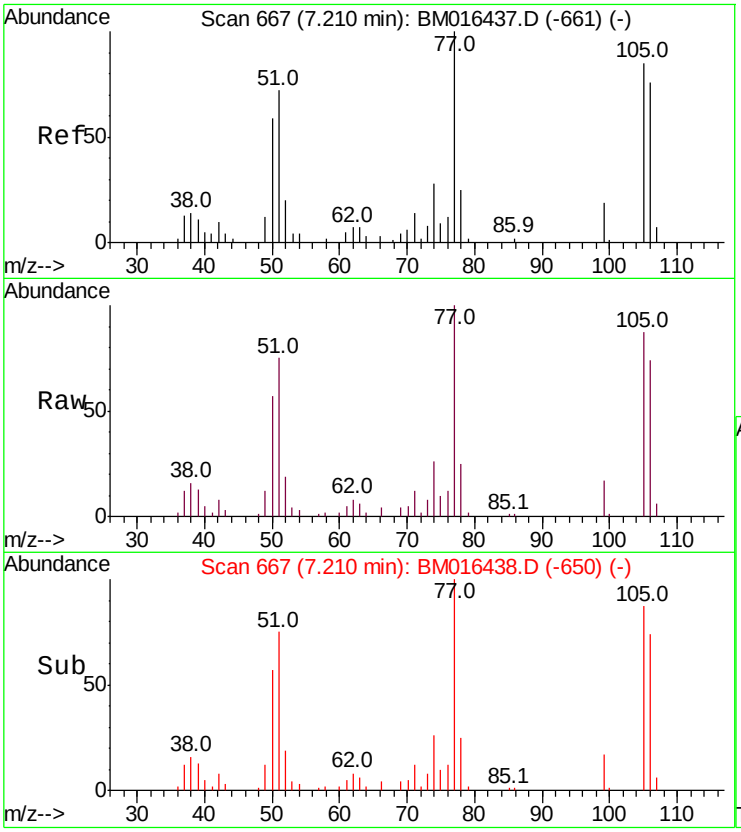


#8
2-Chlorophenol
Concen: 52.487 ng
RT: 7.62 min Scan# 737
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:128 Resp: 74772

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.0	52.0
64	46.5	24.9	64.9



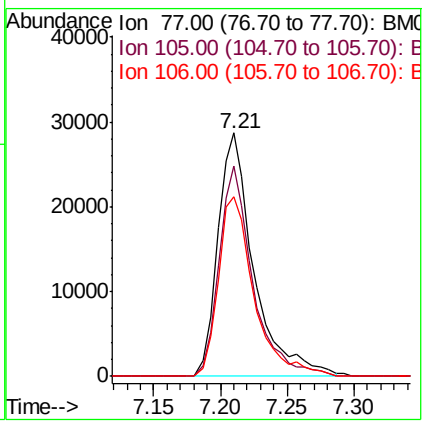


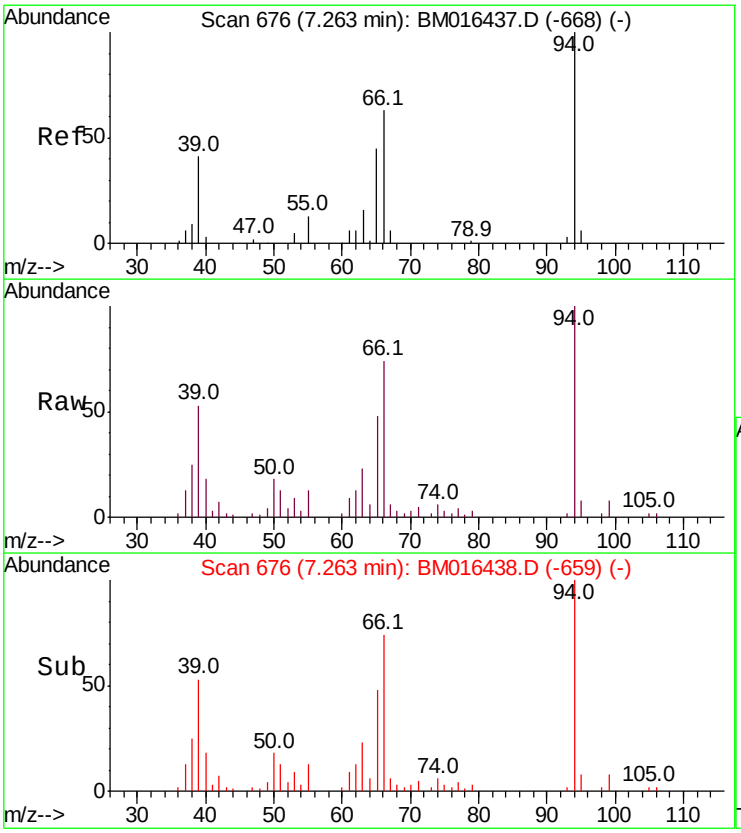
#9
Benzaldehyde
Concen: 49.217 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 54130

Ion	Ratio	Lower	Upper
77	100		
105	86.5	78.8	118.8
106	73.7	73.7	113.7#

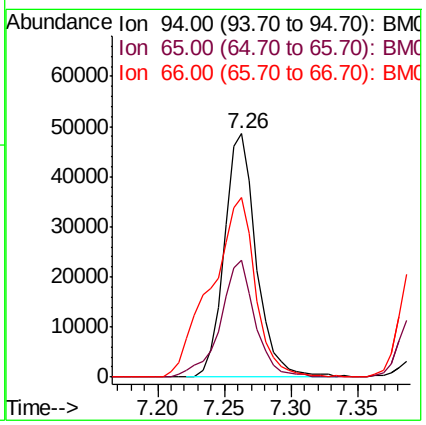


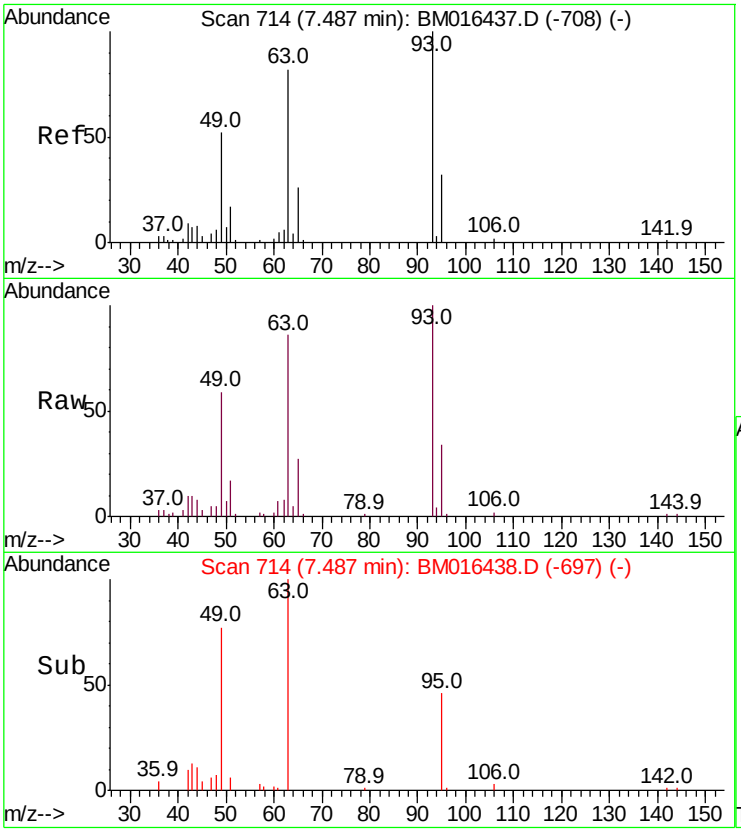


#10
Phenol
Concen: 51.938 ng
RT: 7.26 min Scan# 676
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion: 94 Resp: 81297

Ion	Ratio	Lower	Upper
94	100		
65	47.9	18.8	58.8
66	73.8	39.9	79.9

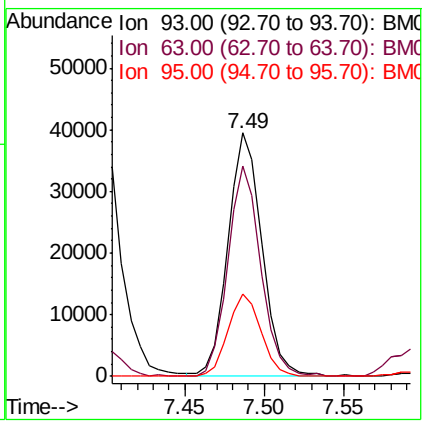




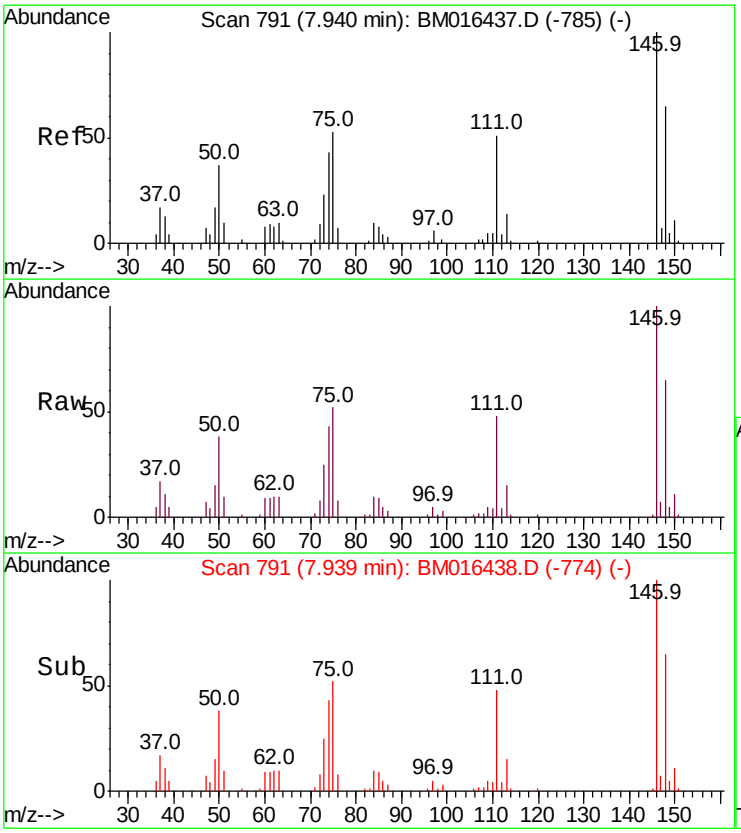
#11
bis(2-Chloroethyl)ether
Concen: 47.214 ng
RT: 7.49 min Scan# 714
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion: 93 Resp: 58383

Ion	Ratio	Lower	Upper
93	100		
63	86.2	49.5	89.5
95	33.6	13.5	53.5



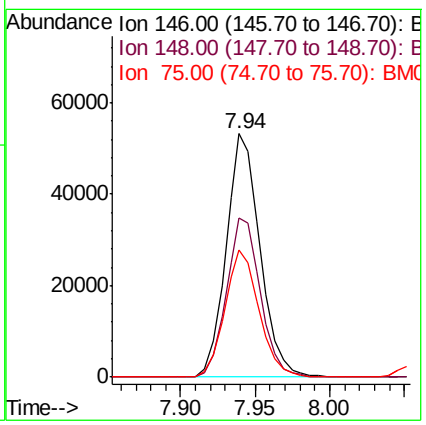
Instrument :
BNA_M
ClientSampleId :

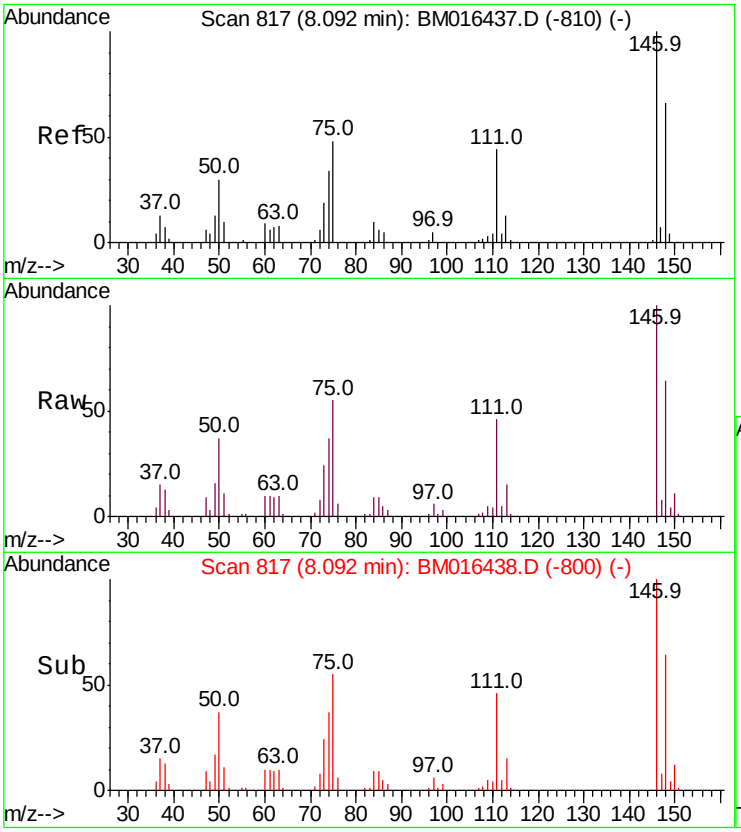


#12
1,3-Dichlorobenzene
Concen: 50.490 ng
RT: 7.94 min Scan# 791
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:146 Resp: 84193

Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.9	76.3
75	52.4	21.4	32.2#



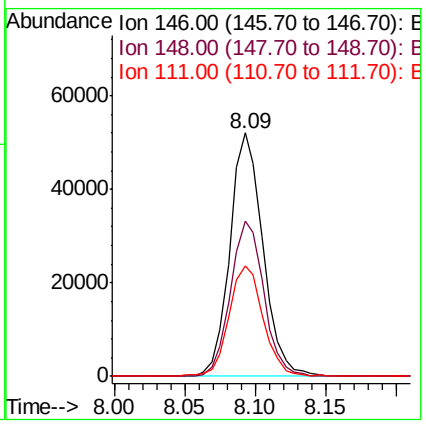


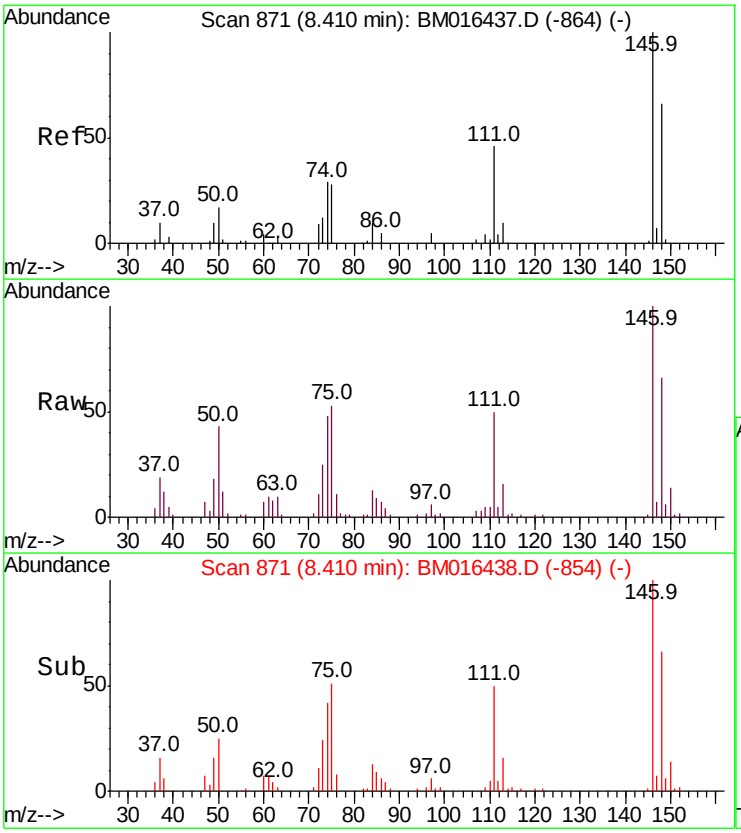
#13
1,4-Dichlorobenzene
Concen: 50.150 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:146 Resp: 84813

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	45.6	29.2	43.8#

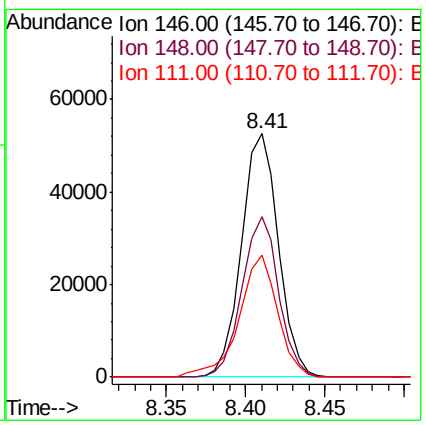


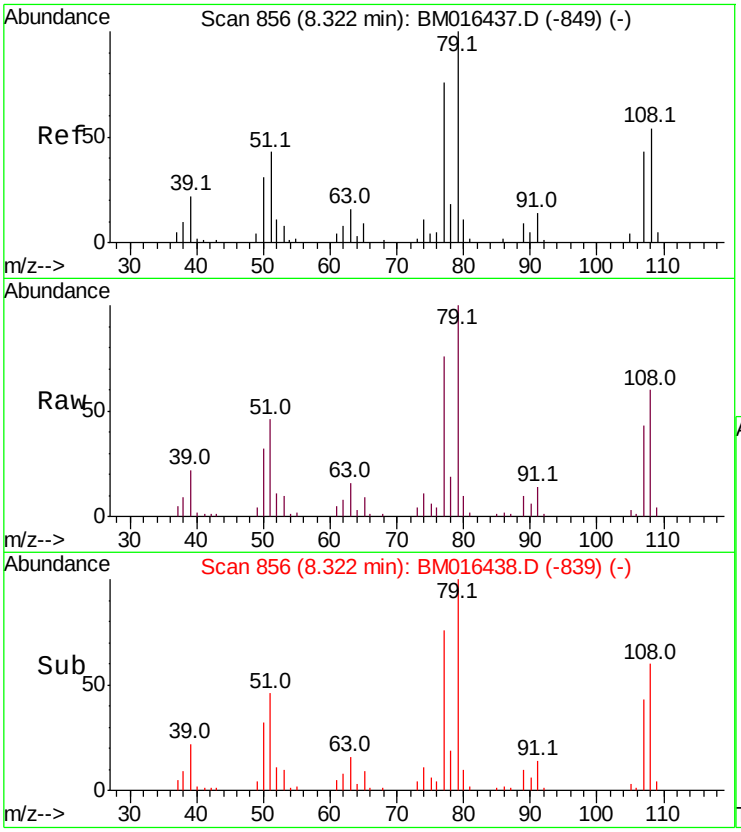


#14
1,2-Dichlorobenzene
Concen: 51.377 ng
RT: 8.41 min Scan# 871
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:146 Resp: 85018

Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.3	78.5
111	50.2	30.6	45.8#



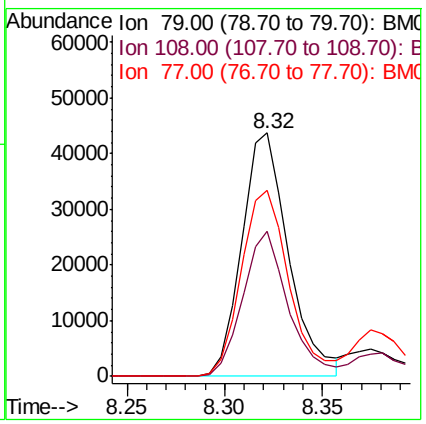


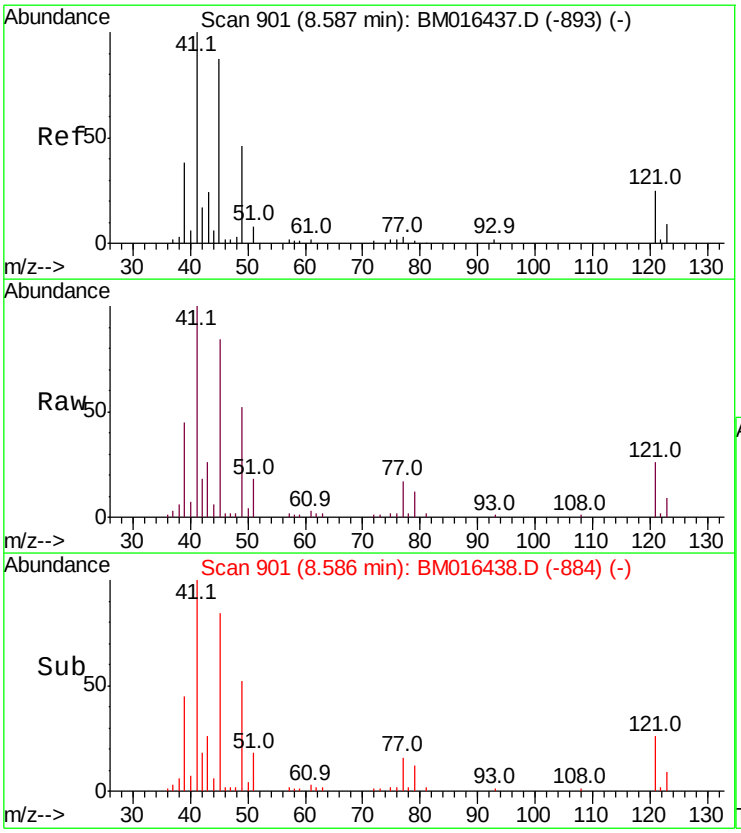
#15
Benzyl Alcohol
Concen: 58.159 ng
RT: 8.32 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 72491

Ion	Ratio	Lower	Upper
79	100		
108	59.6	65.0	97.4#
77	76.3	53.0	79.6

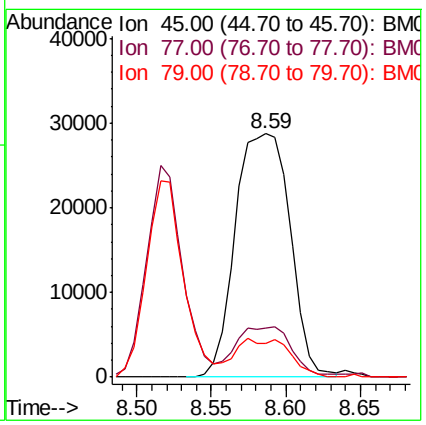


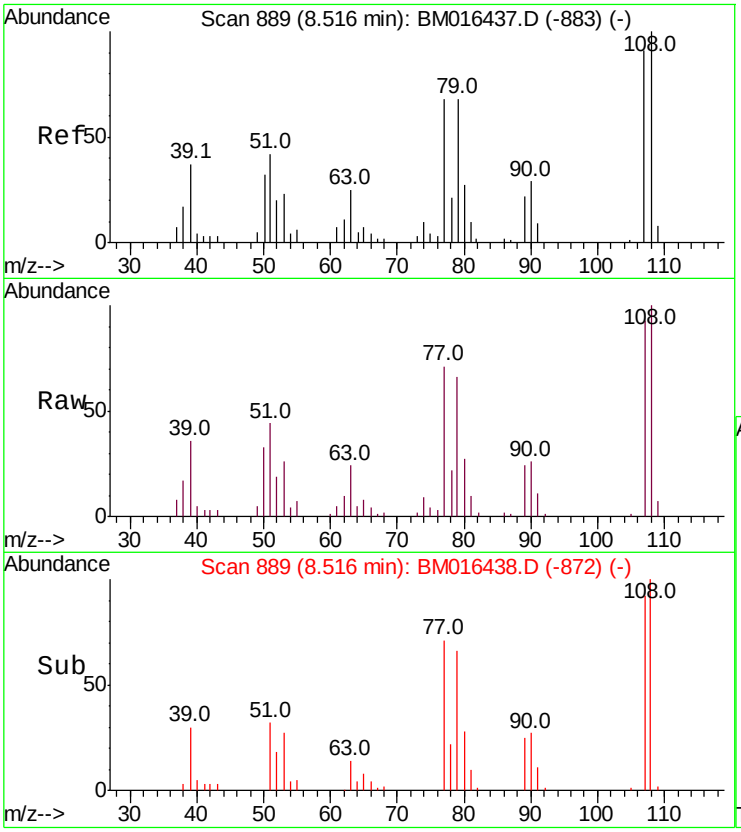


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.682 ng
RT: 8.59 min Scan# 901
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion: 45 Resp: 73205

Ion	Ratio	Lower	Upper
45	100		
77	20.1	0.0	35.2
79	13.8	0.0	32.0



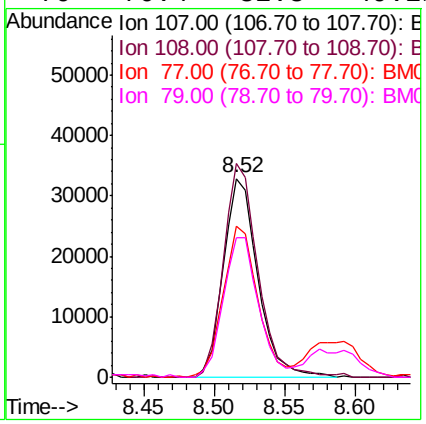


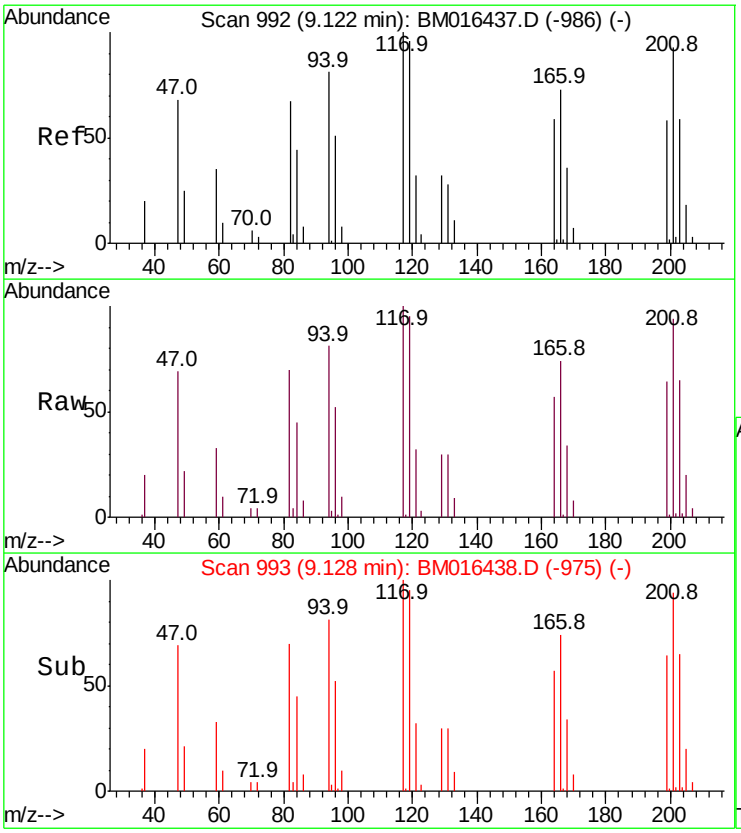
#17
2-Methylphenol
Concen: 52.156 ng
RT: 8.52 min Scan# 889
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 55799

Ion	Ratio	Lower	Upper
107	100		
108	107.4	89.8	134.8
77	75.8	32.6	48.8#
79	70.4	32.8	49.2#

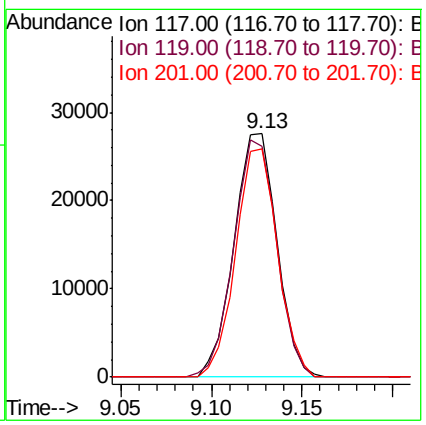


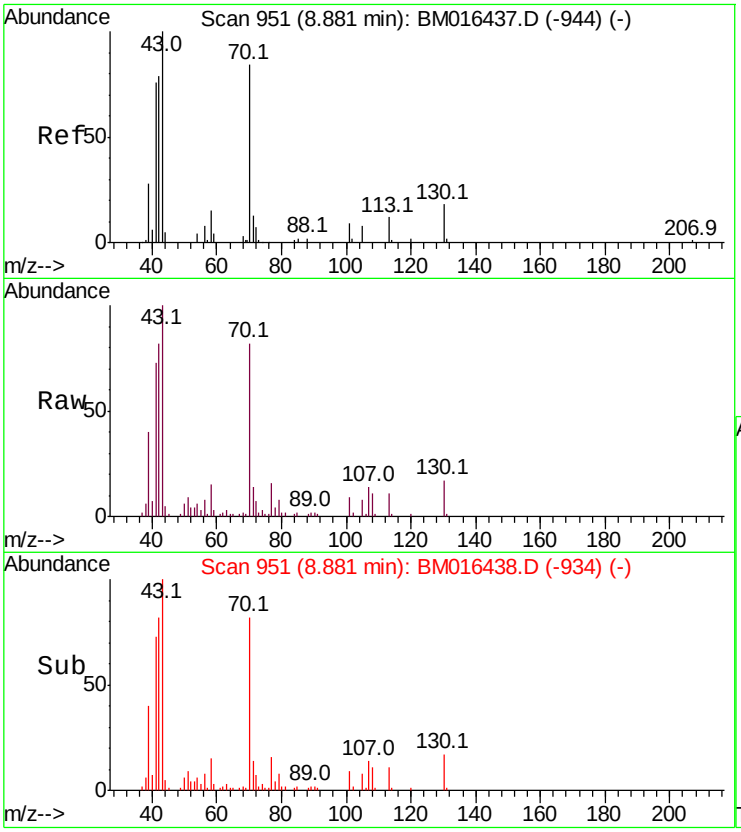


#18
Hexachloroethane
Concen: 62.257 ng
RT: 9.13 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:117 Resp: 45512

Ion	Ratio	Lower	Upper
117	100		
119	94.5	79.2	118.8
201	93.8	69.8	104.6



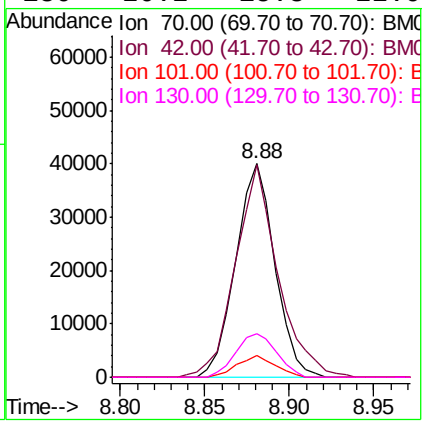


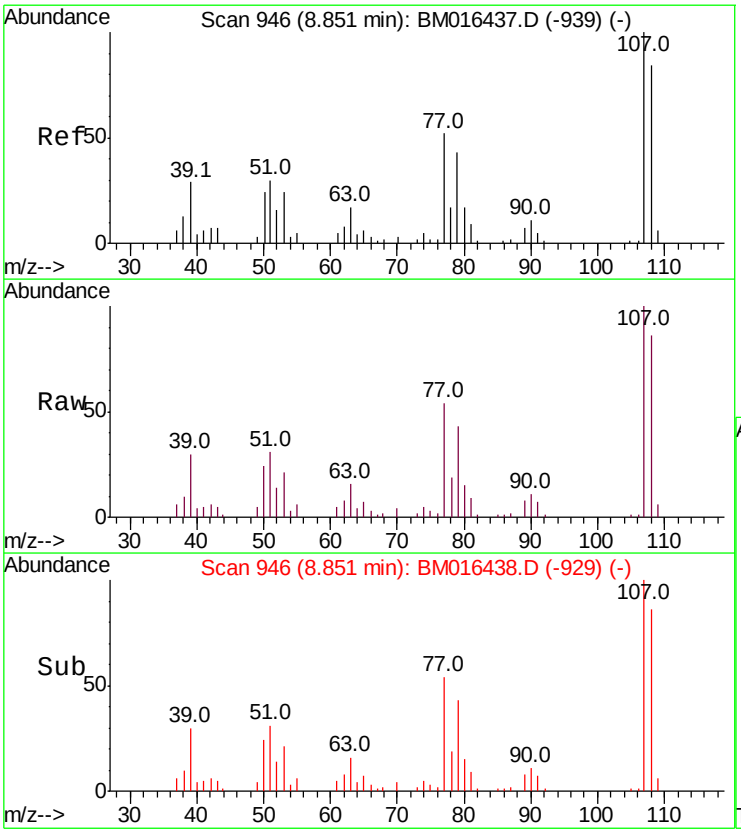
#19
n-Nitroso-di-n-propylamine
Concen: 56.423 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 64556

Ion	Ratio	Lower	Upper
70	100		
42	99.6	44.5	66.7#
101	10.3	7.4	11.2
130	20.2	15.3	22.9

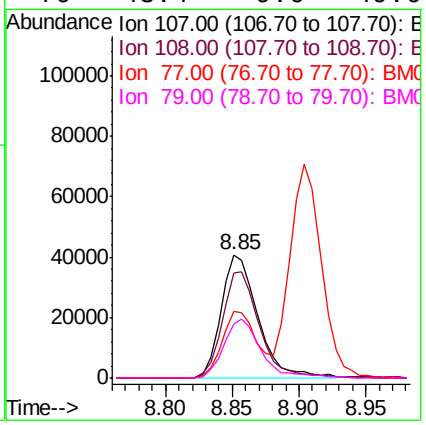


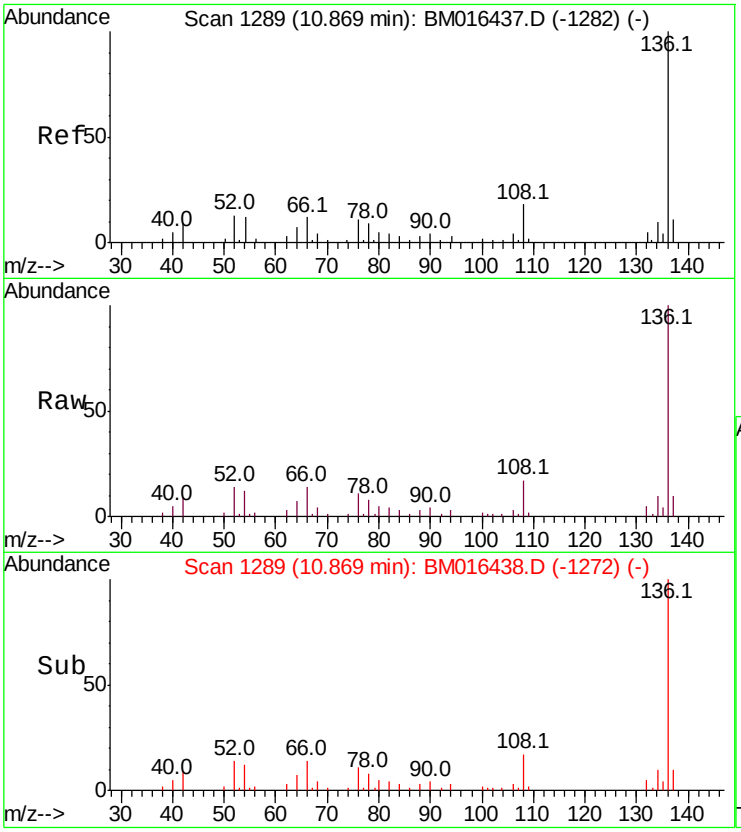


#20
3+4-Methylphenols
Concen: 50.935 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:107 Resp: 78403

Ion	Ratio	Lower	Upper
107	100		
108	85.6	73.2	113.2
77	54.1	10.7	50.7#
79	43.4	9.6	49.6



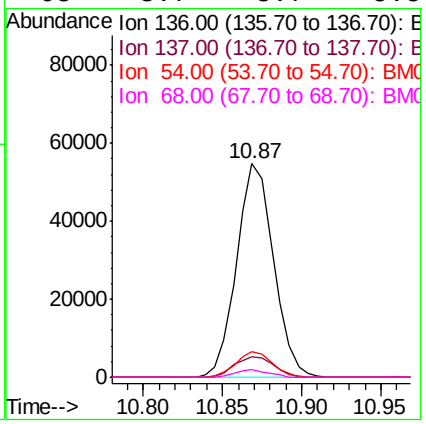


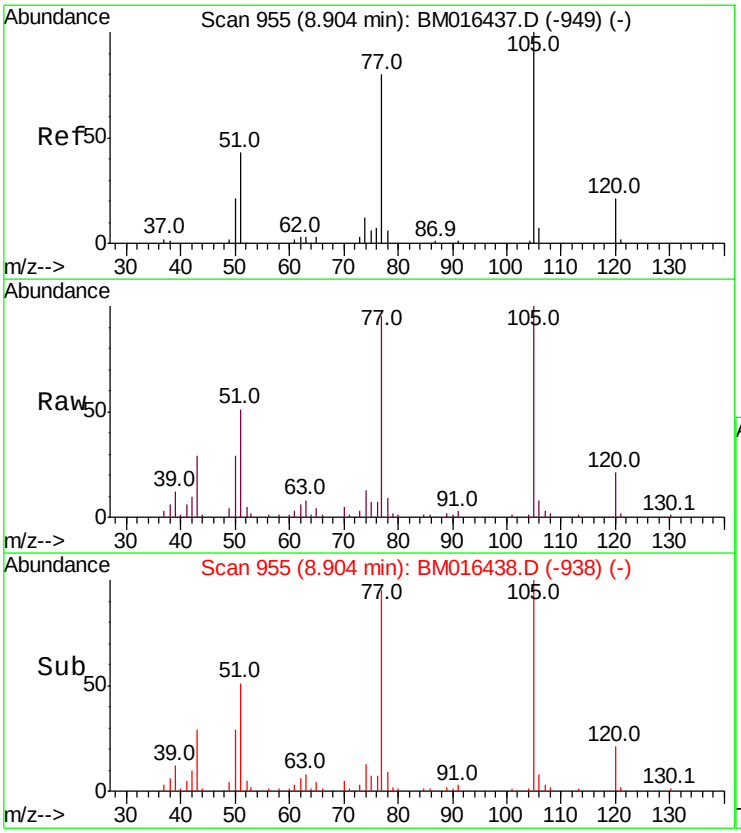
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 88476

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.7	13.1
54	11.9	4.6	6.8#
68	3.7	3.7	5.5

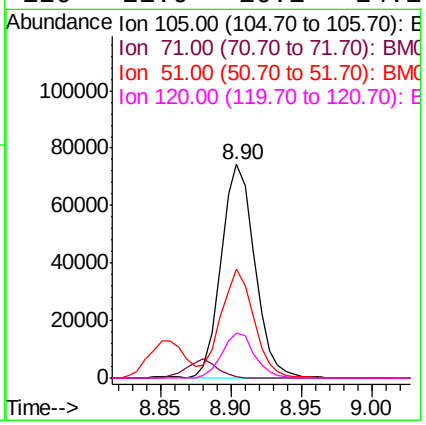


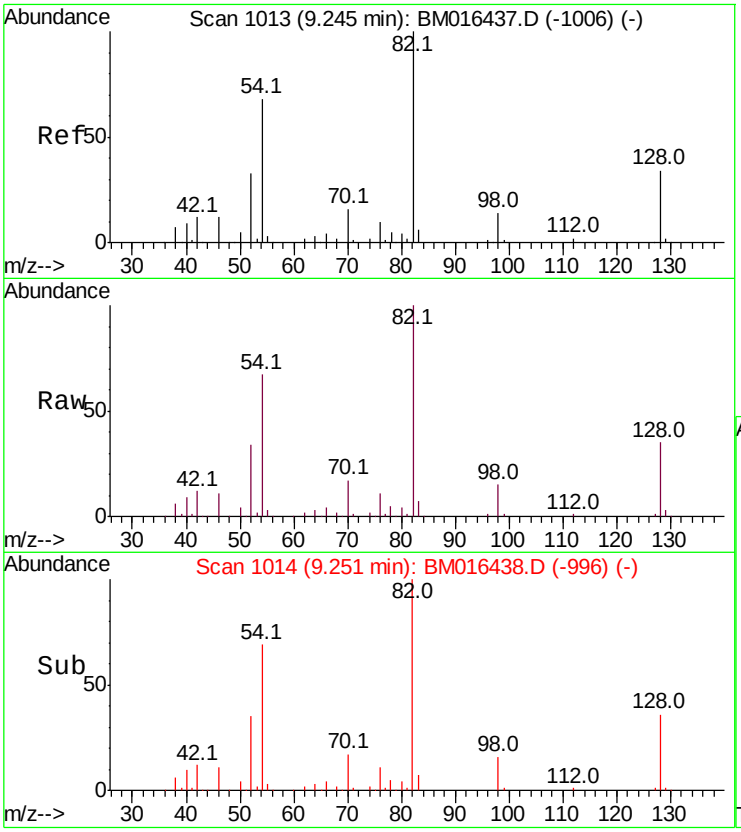


#22
Acetophenone
Concen: 55.366 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:105 Resp: 123347

Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.6	1.0
51	51.0	21.6	32.4#
120	21.0	16.1	24.1



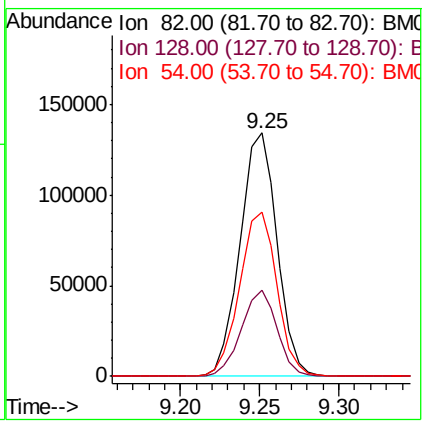


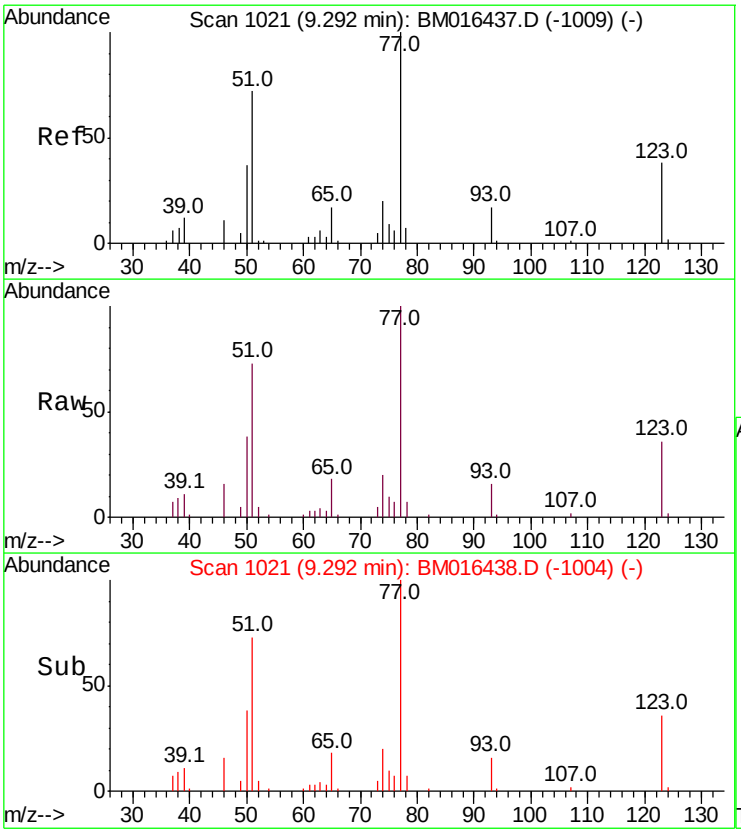
#23
Nitrobenzene-d5
Concen: 55.366 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 218180

Ion	Ratio	Lower	Upper
82	100		
128	35.2	32.8	49.2
54	67.5	40.6	60.8#

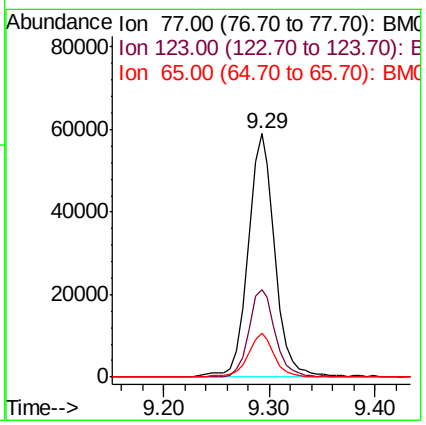


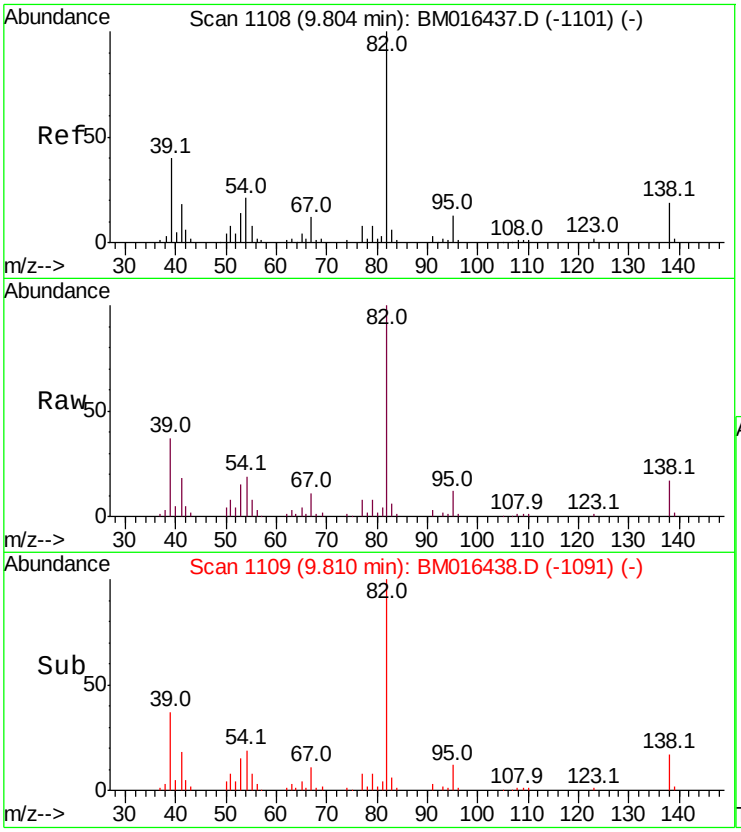


#24
Nitrobenzene
Concen: 54.435 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion: 77 Resp: 104230

Ion	Ratio	Lower	Upper
77	100		
123	35.9	32.6	49.0
65	17.9	10.9	16.3#



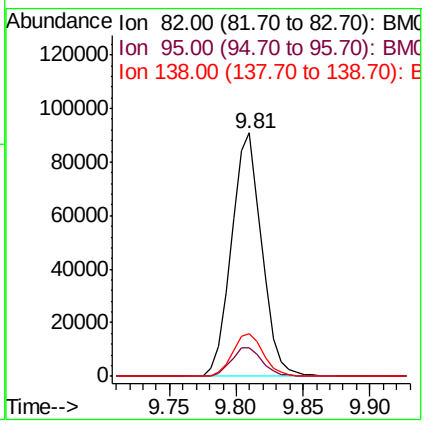


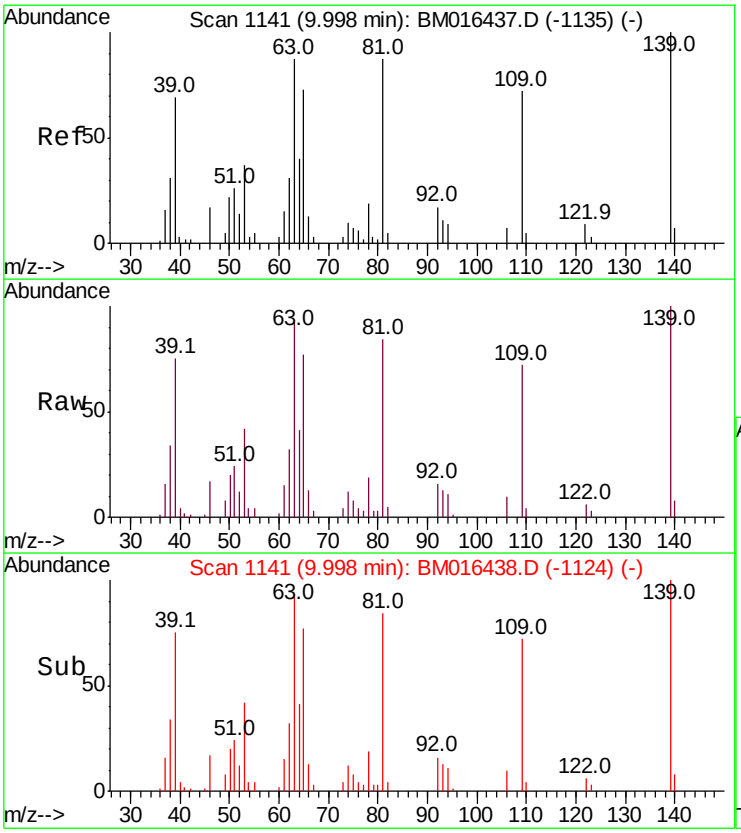
#25
Isophorone
Concen: 55.217 ng
RT: 9.81 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 143675

Ion	Ratio	Lower	Upper
82	100		
95	11.9	5.8	8.6#
138	17.5	16.3	24.5

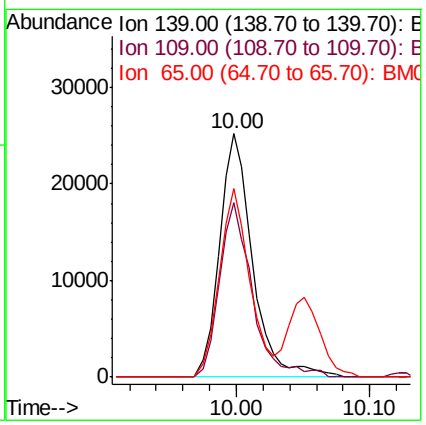


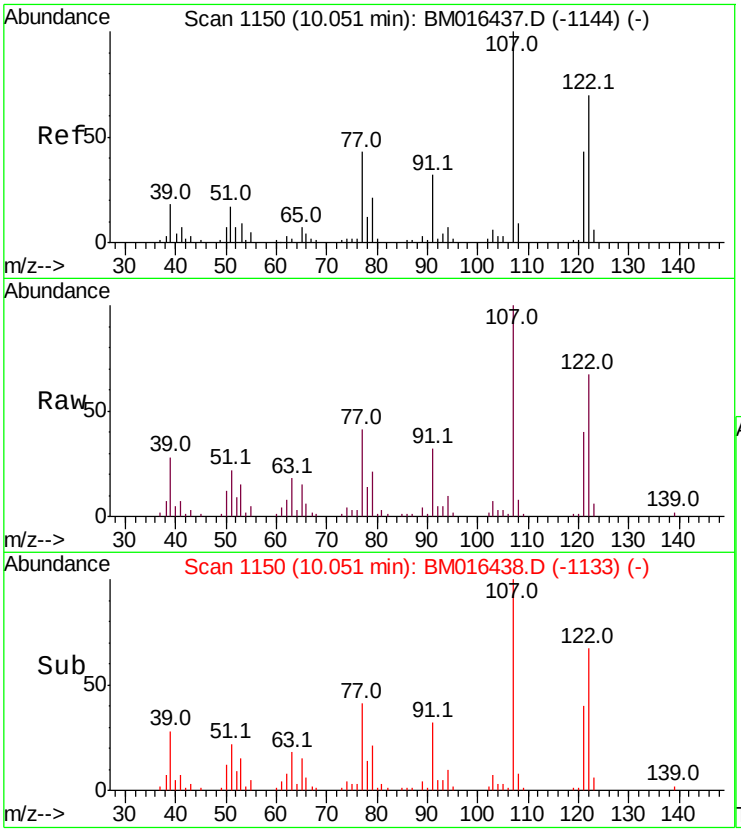


#26
2-Nitrophenol
Concen: 54.727 ng
RT: 10.00 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:139 Resp: 43744

Ion	Ratio	Lower	Upper
139	100		
109	71.9	20.1	30.1#
65	77.4	31.5	47.3#



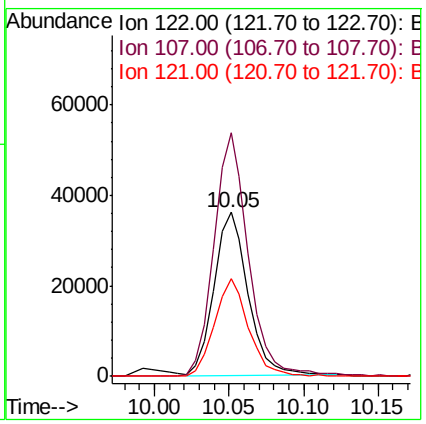


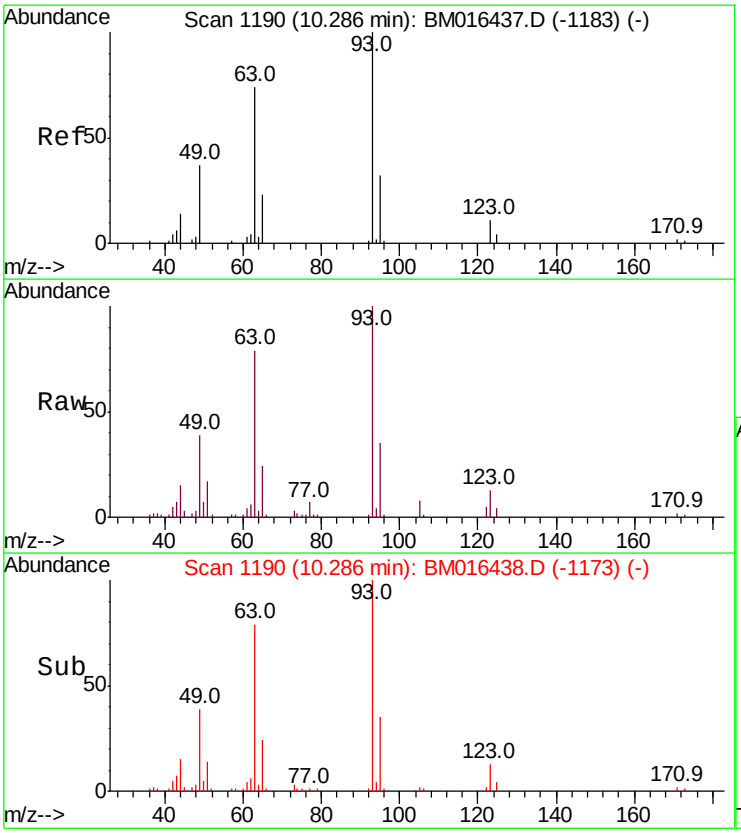
#27
2,4-Dimethylphenol
Concen: 51.752 ng
RT: 10.05 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:122 Resp: 57630

Ion	Ratio	Lower	Upper
122	100		
107	148.4	84.7	127.1#
121	59.2	46.6	69.8

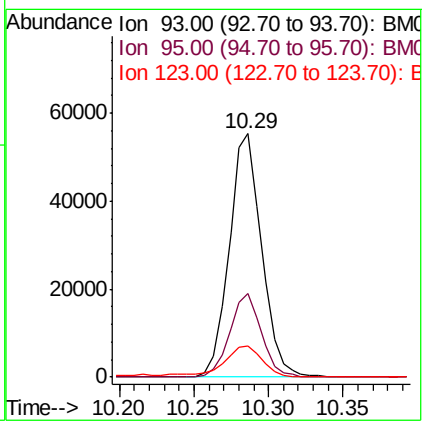


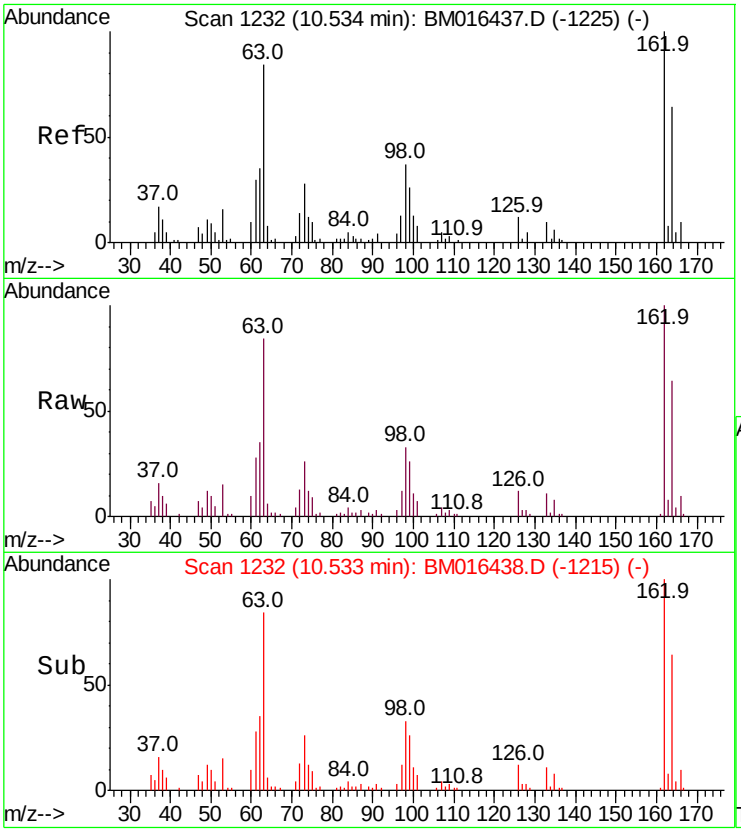


#28
bis(2-Chloroethoxy)methane
Concen: 49.447 ng
RT: 10.29 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion: 93 Resp: 83624

Ion	Ratio	Lower	Upper
93	100		
95	34.6	25.5	38.3
123	12.7	8.6	13.0



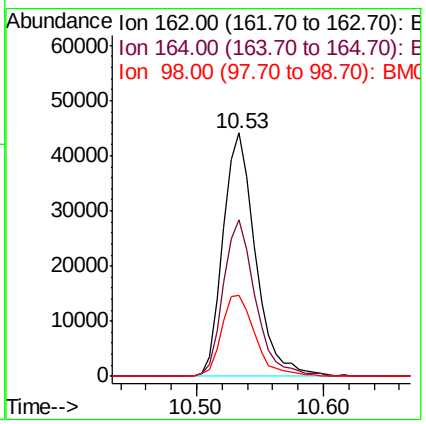


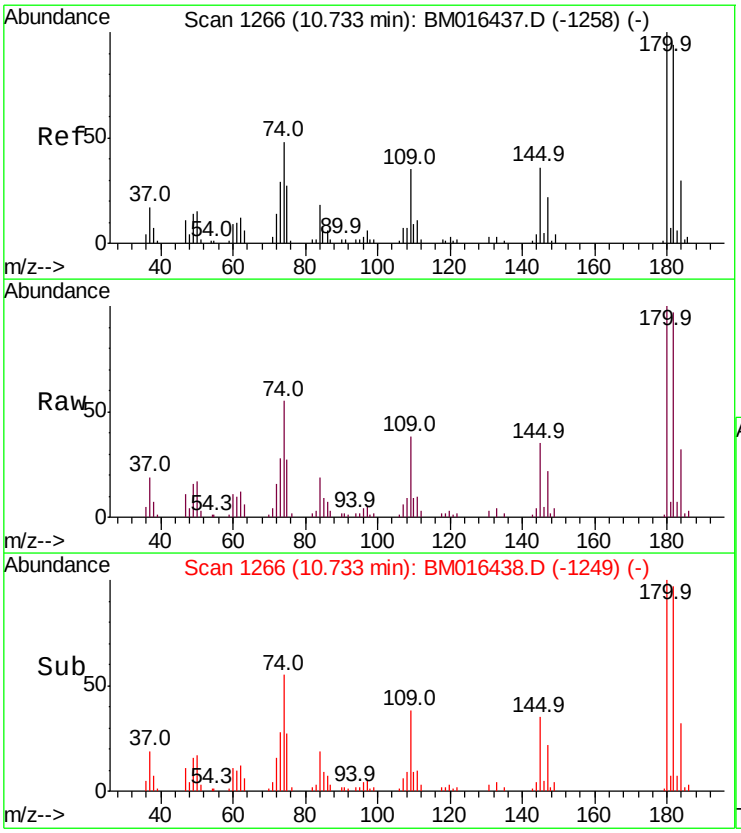
#29
2,4-Dichlorophenol
Concen: 59.199 ng
RT: 10.53 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 78336

Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.8	82.8
98	33.4	14.5	54.5

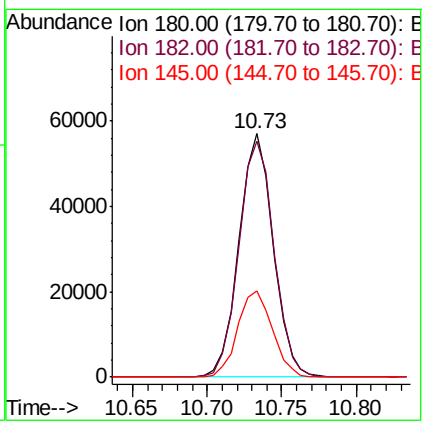


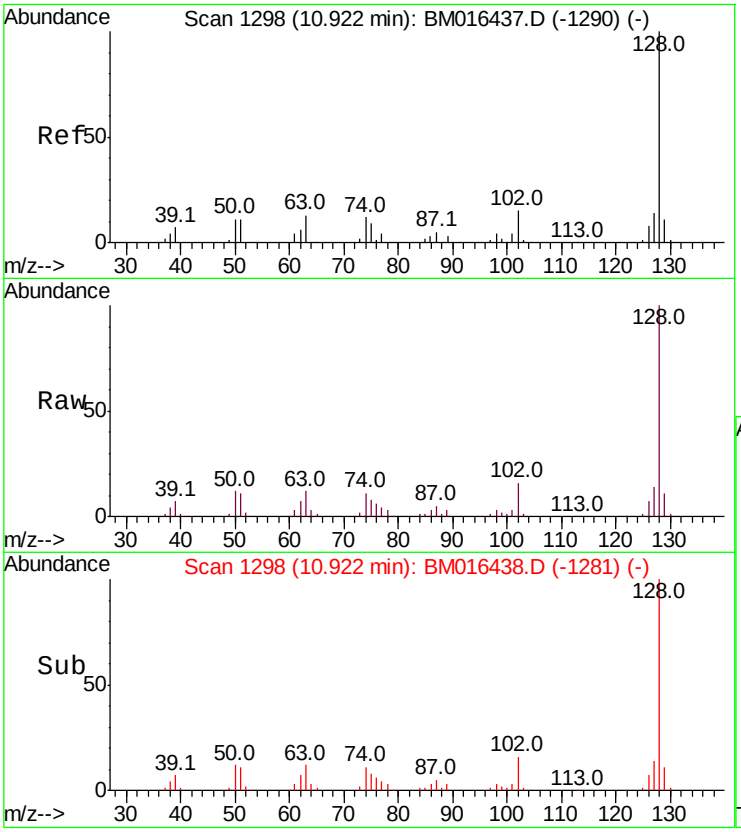


#30
1,2,4-Trichlorobenzene
Concen: 56.332 ng
RT: 10.73 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:180 Resp: 90571

Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.6	116.4
145	35.3	23.4	35.2#



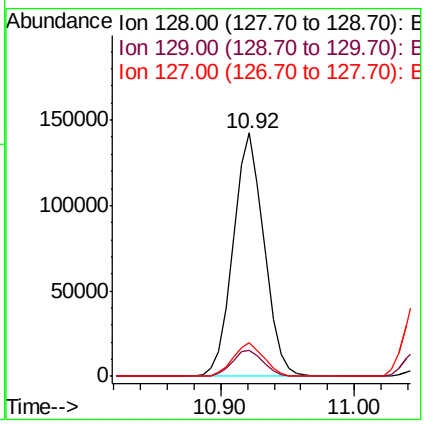


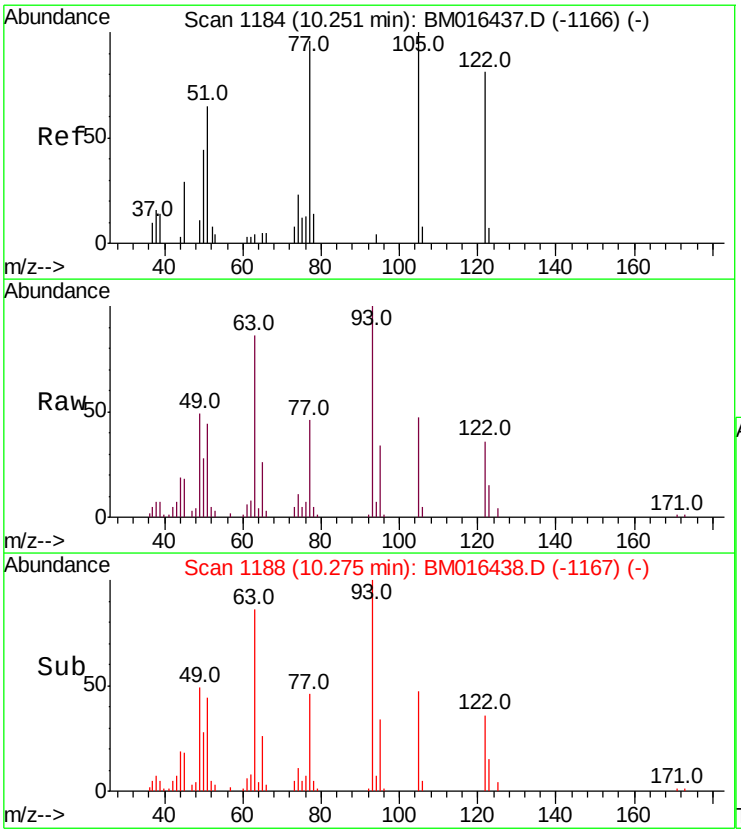
#31
Naphthalene
Concen: 50.943 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 228114

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.9	10.4	15.6

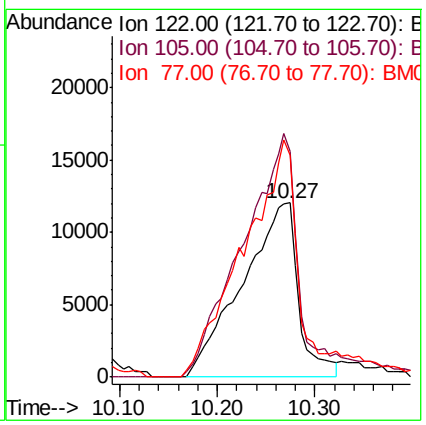


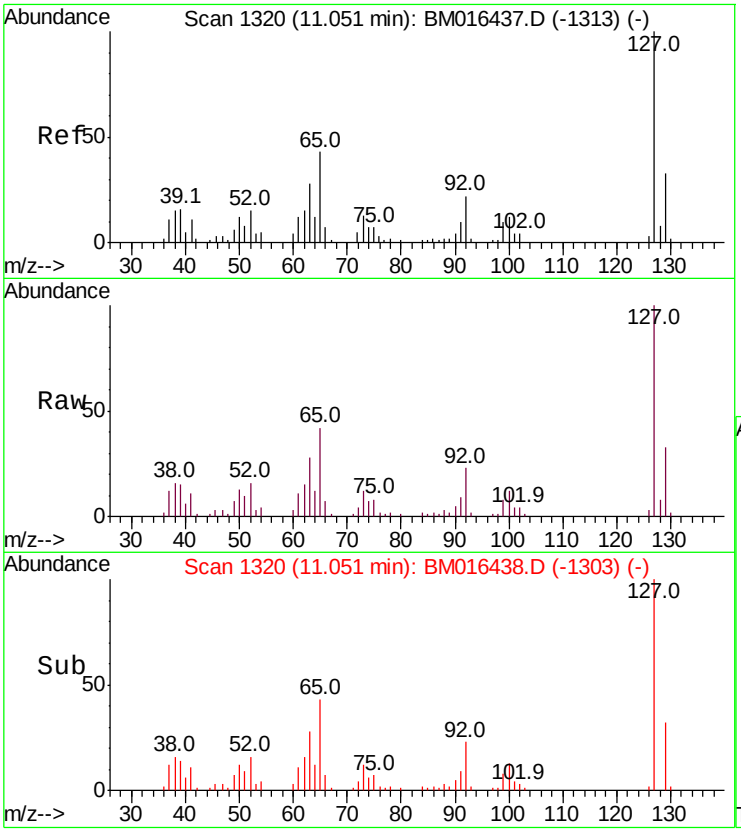


#32
Benzoic acid
Concen: 56.989 ng
RT: 10.27 min Scan# 1188
Delta R.T. 0.02 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:122 Resp: 48378

Ion	Ratio	Lower	Upper
122	100		
105	130.0	99.9	139.9
77	127.3	73.7	113.7#



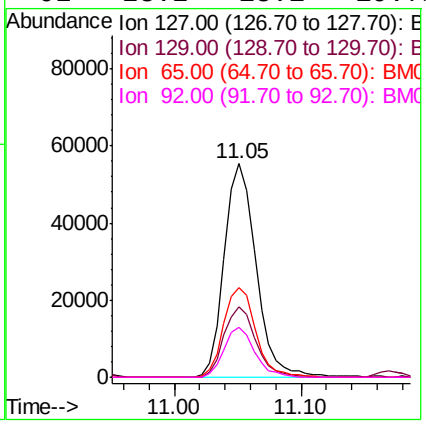


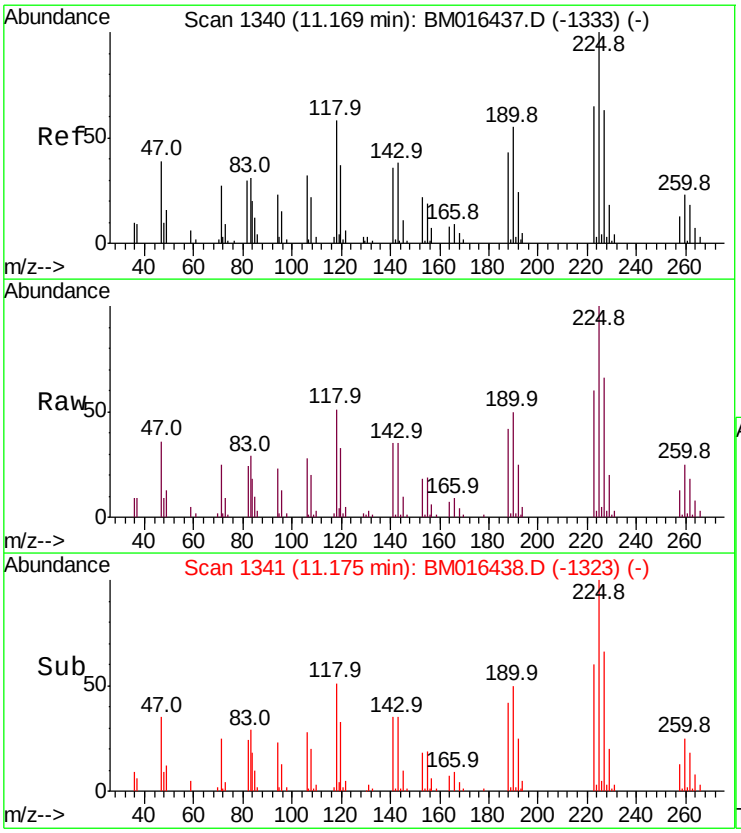
#33
4-Chloroaniline
Concen: 52.752 ng
RT: 11.05 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 96394

Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.3	37.9
65	42.1	17.6	26.4#
92	23.2	13.1	19.7#

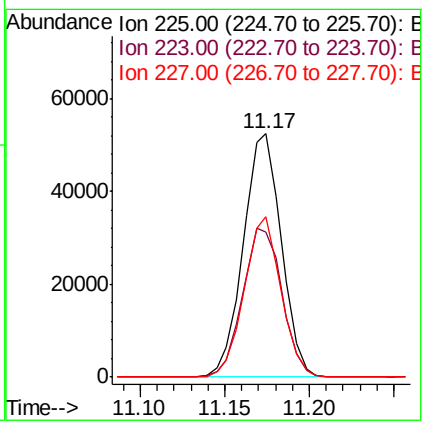


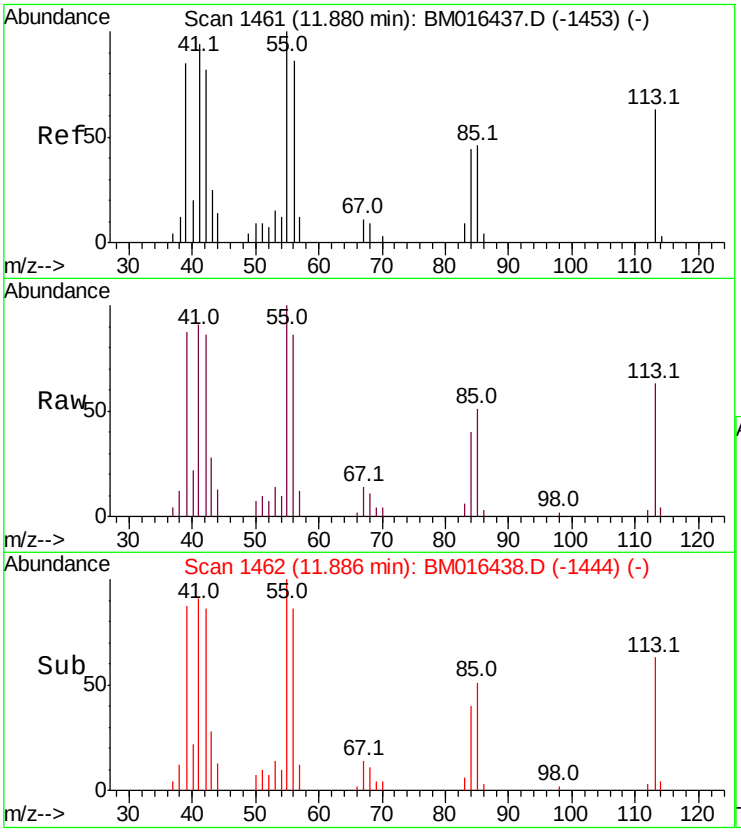


#34
Hexachlorobutadiene
Concen: 73.551 ng
RT: 11.17 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:225 Resp: 82027

Ion	Ratio	Lower	Upper
225	100		
223	59.8	47.9	71.9
227	66.1	50.1	75.1



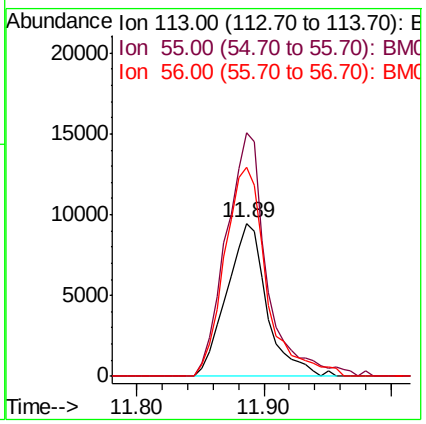


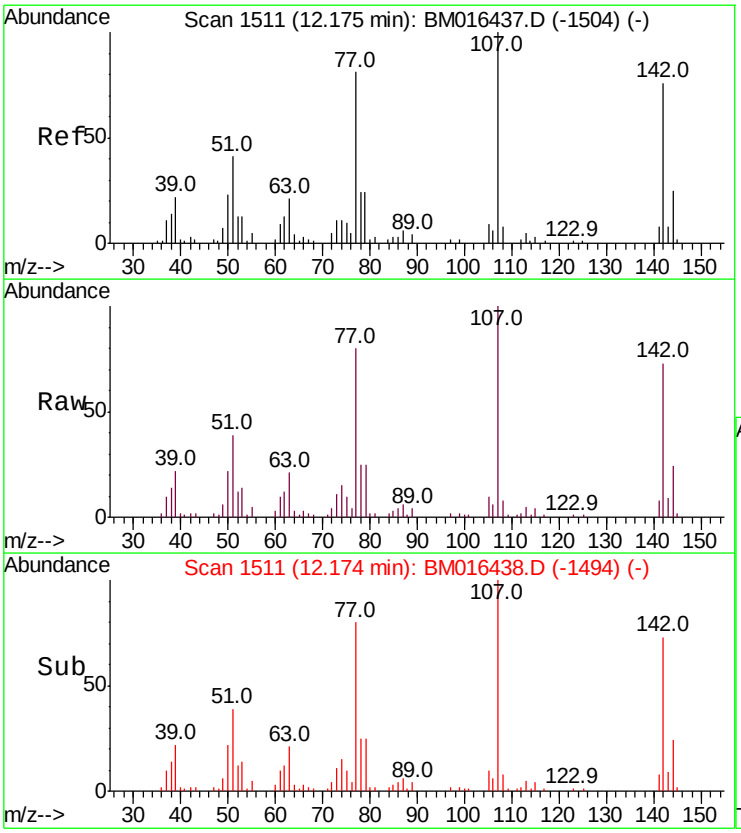
#35
Caprolactam
Concen: 56.774 ng
RT: 11.89 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 20808

Ion	Ratio	Lower	Upper
113	100		
55	159.2	145.9	185.9
56	136.8	101.0	141.0

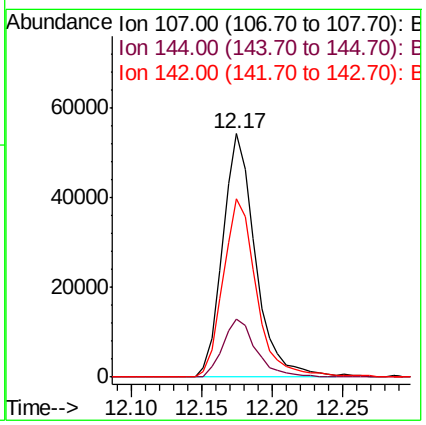


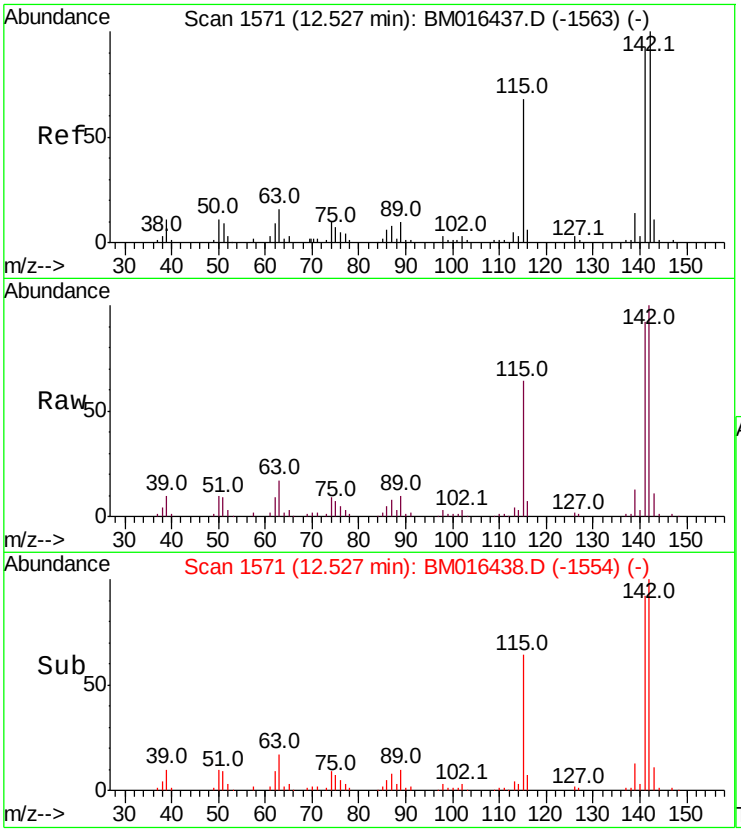


#36
4-Chloro-3-methylphenol
Concen: 60.140 ng
RT: 12.17 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:107 Resp: 87531

Ion	Ratio	Lower	Upper
107	100		
144	23.7	23.3	34.9
142	73.4	72.6	109.0



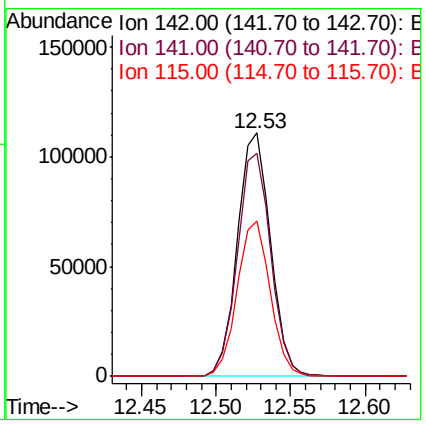


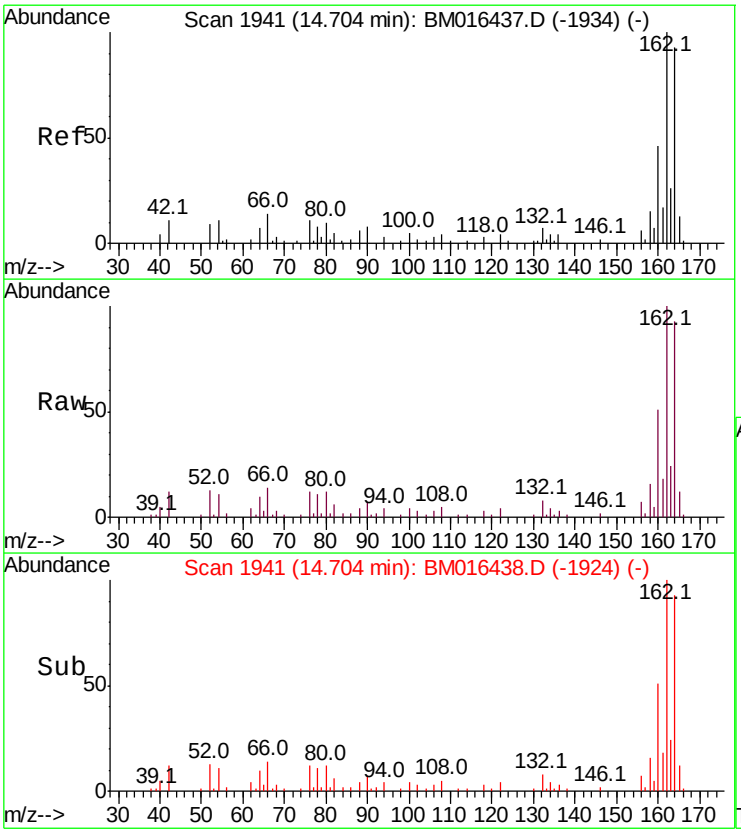
#37
2-Methylnaphthalene
Concen: 56.777 ng
RT: 12.53 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 170309

Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.9	107.9
115	64.0	25.4	38.0#

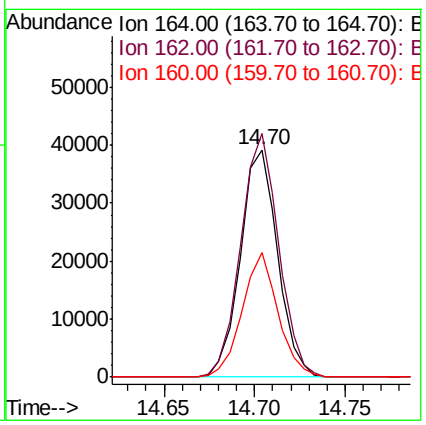


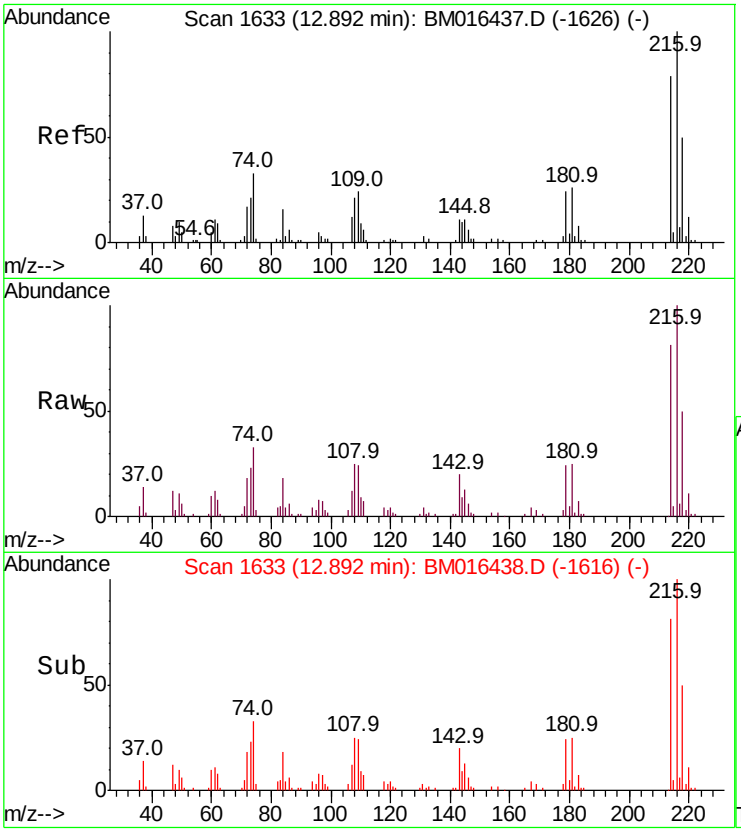


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:164 Resp: 55996

Ion	Ratio	Lower	Upper
164	100		
162	107.2	82.4	123.6
160	54.9	35.8	53.6#



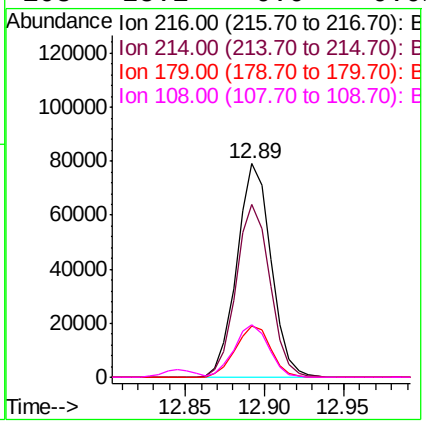


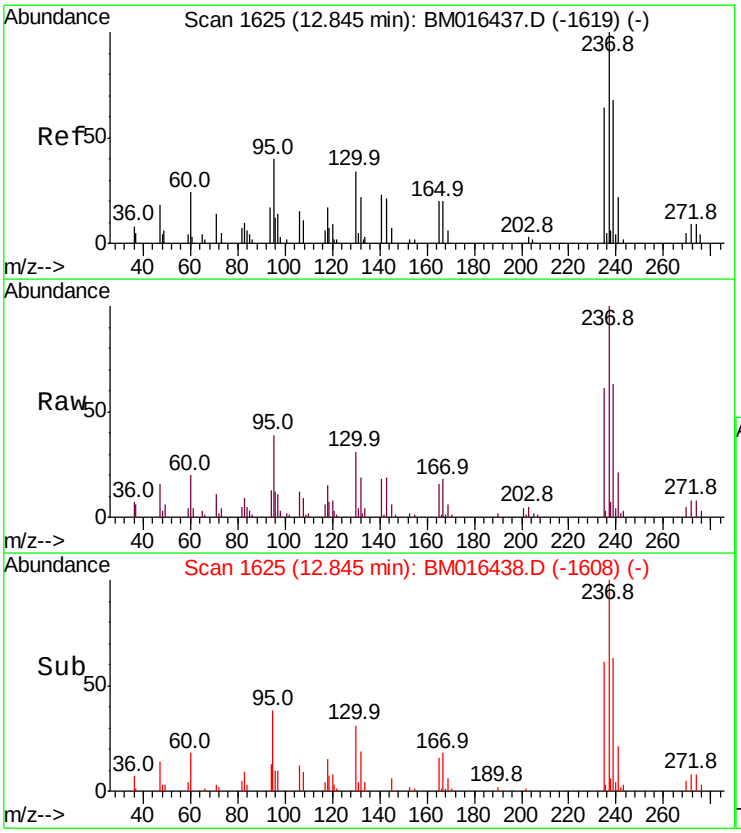
#39
1,2,4,5-Tetrachlorobenzene
Concen: 61.791 ng
RT: 12.89 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 117797

Ion	Ratio	Lower	Upper
216	100		
214	80.4	0.0	0.0#
179	24.6	0.0	0.0#
108	25.1	0.0	0.0#

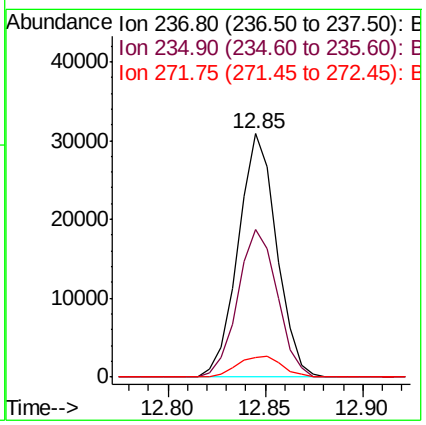


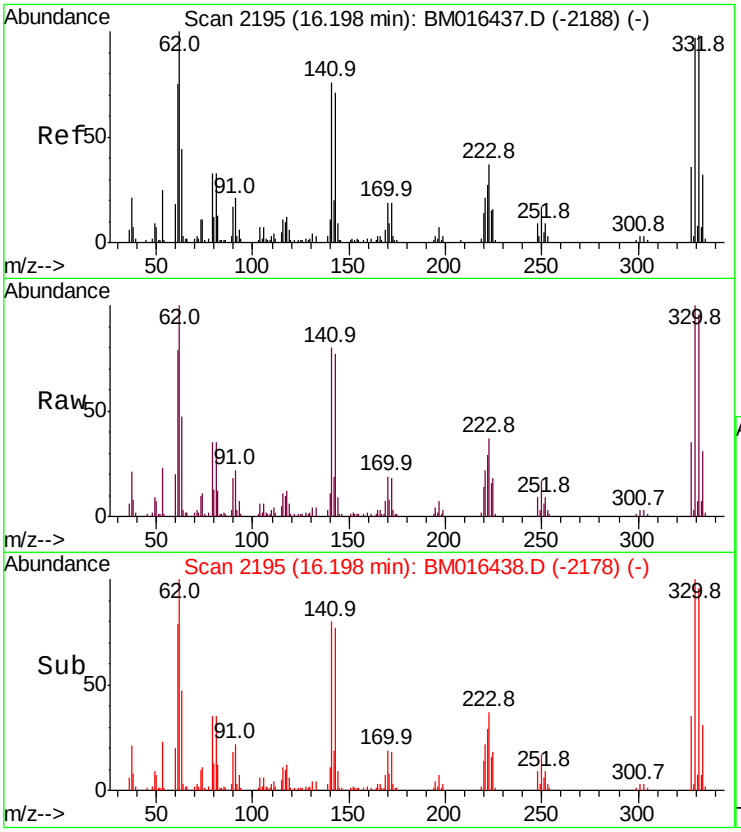


#40
Hexachlorocyclopentadiene
Concen: 53.940 ng
RT: 12.85 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:237 Resp: 41976

Ion	Ratio	Lower	Upper
237	100		
235	60.6	42.0	82.0
272	7.9	0.0	33.4



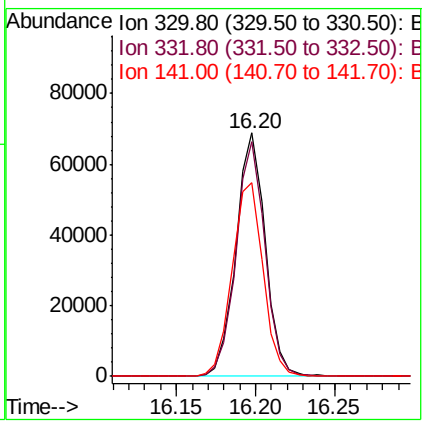


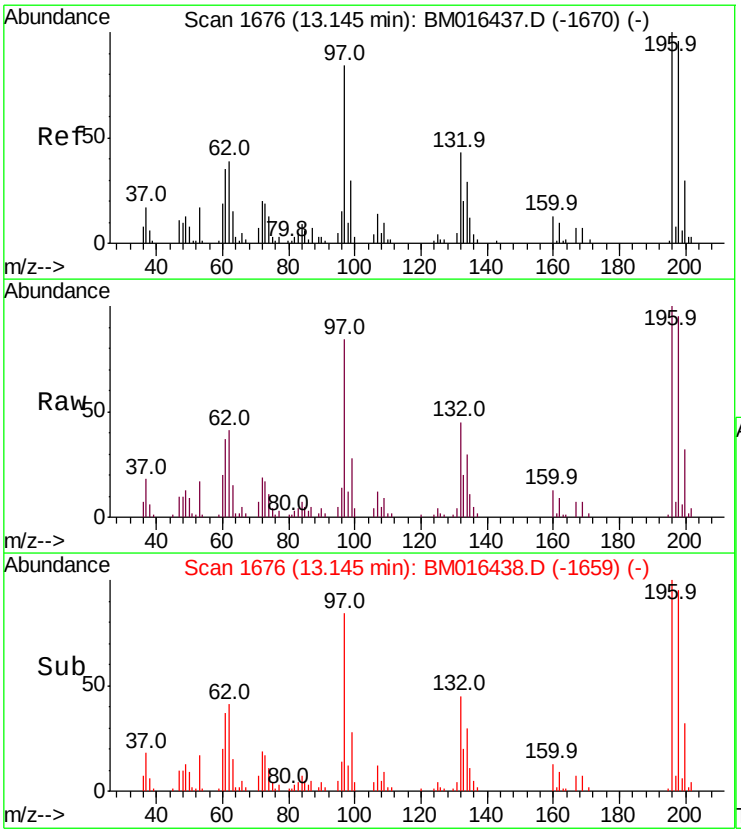
#41
2,4,6-Tribromophenol
Concen: 53.940 ng
RT: 16.20 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 87914

Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	84.0	0.0	0.0#

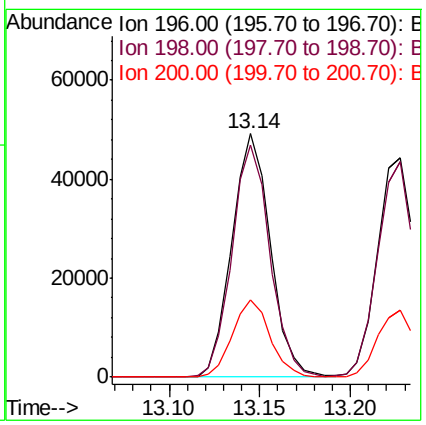


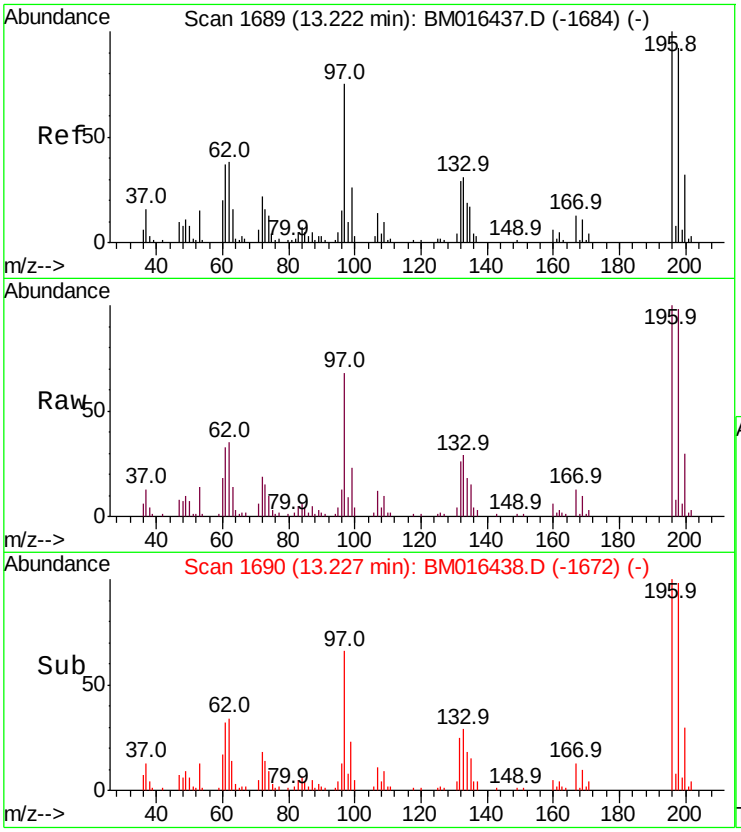


#42
2,4,6-Trichlorophenol
Concen: 60.831 ng
RT: 13.14 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:196 Resp: 72555

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.3	114.5
200	31.7	25.6	38.4



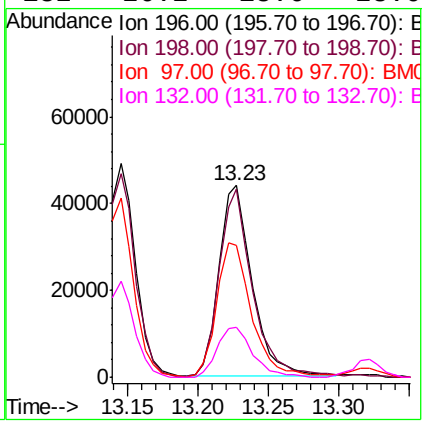


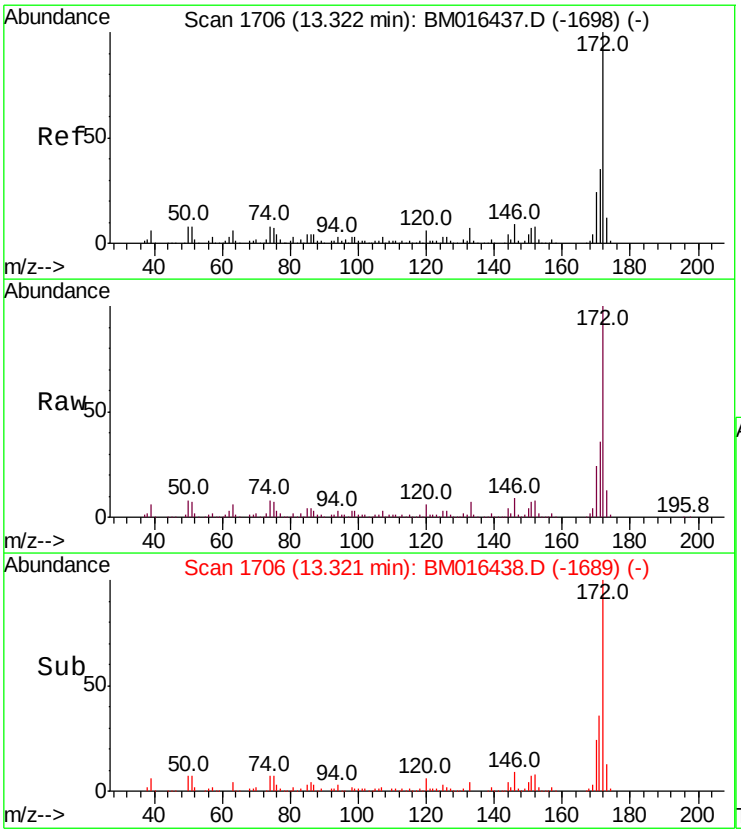
#43
2,4,5-Trichlorophenol
Concen: 58.083 ng
RT: 13.23 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 71459

Ion	Ratio	Lower	Upper
196	100		
198	98.3	79.4	119.0
97	68.4	26.8	40.2#
132	26.2	18.6	28.0

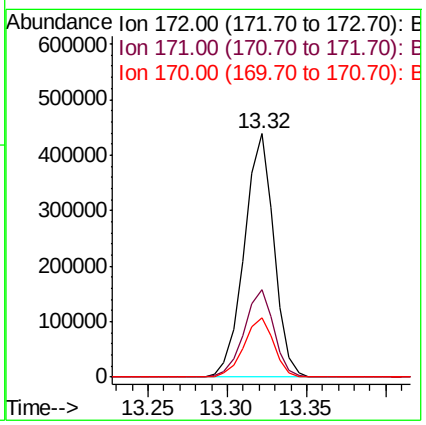


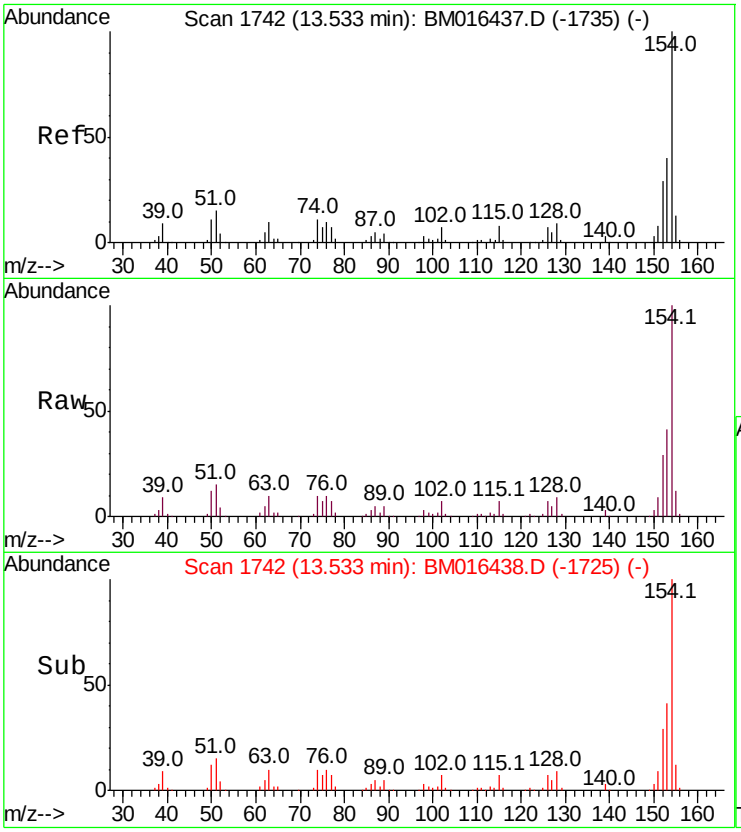


#44
2-Fluorobiphenyl
Concen: 58.083 ng
RT: 13.32 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:172 Resp: 568027

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	24.5	18.8	28.2



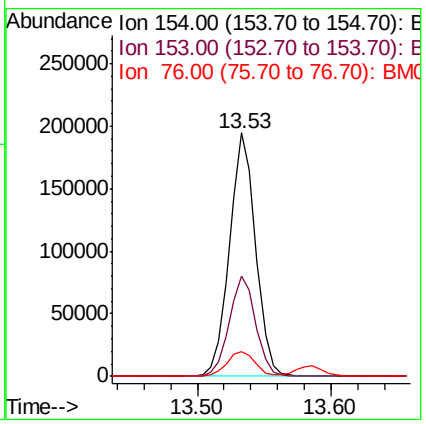


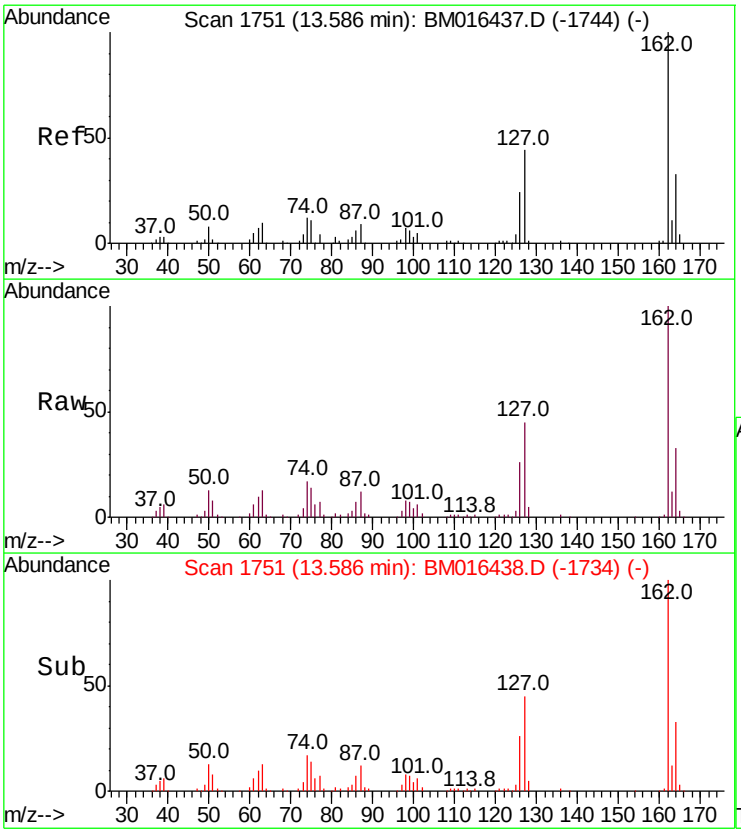
#45
1,1'-Biphenyl
Concen: 52.580 ng
RT: 13.53 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 265711

Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.7	60.7
76	10.3	0.0	30.9

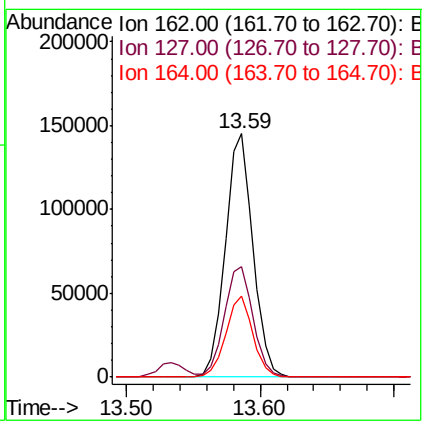


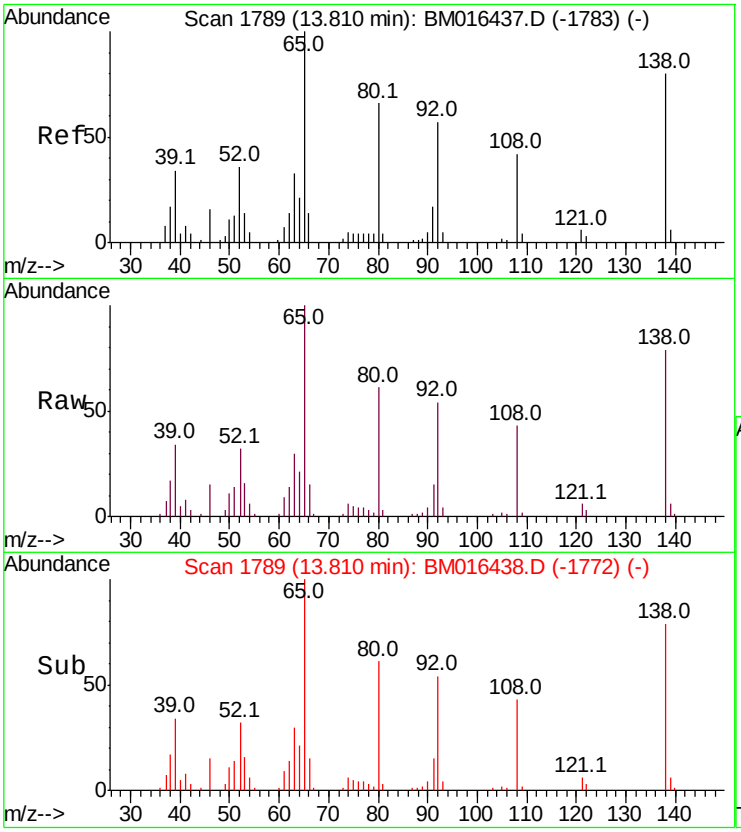


#46
2-Chloronaphthalene
Concen: 53.371 ng
RT: 13.59 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:162 Resp: 209774

Ion	Ratio	Lower	Upper
162	100		
127	45.3	26.9	40.3#
164	33.1	26.8	40.2



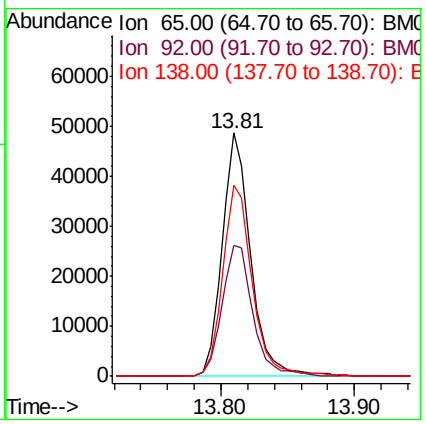


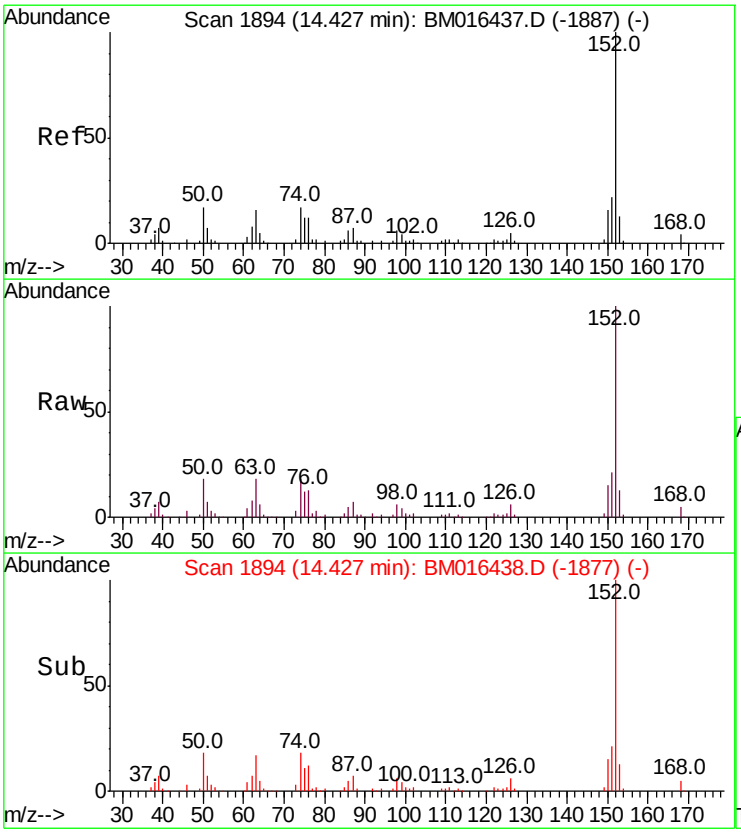
#47
2-Nitroaniline
Concen: 56.098 ng
RT: 13.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 65 Resp: 72897

Ion	Ratio	Lower	Upper
65	100		
92	53.6	59.1	88.7#
138	78.7	93.9	140.9#

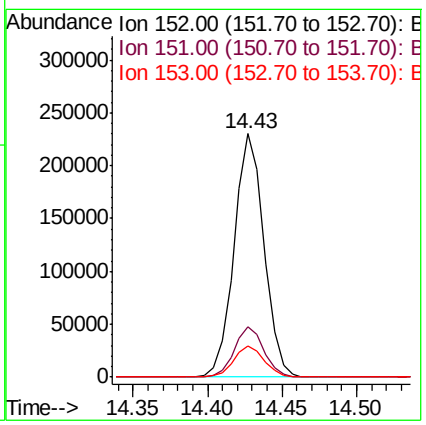


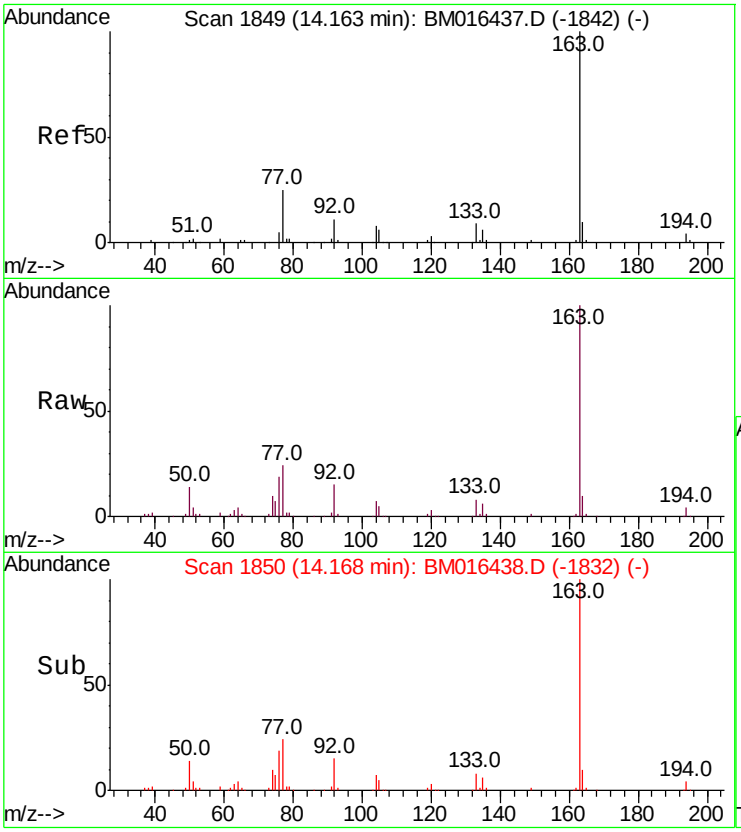


#48
Acenaphthylene
Concen: 55.716 ng
RT: 14.43 min Scan# 1894
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:152 Resp: 320590

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.9	23.9
153	12.6	10.6	16.0



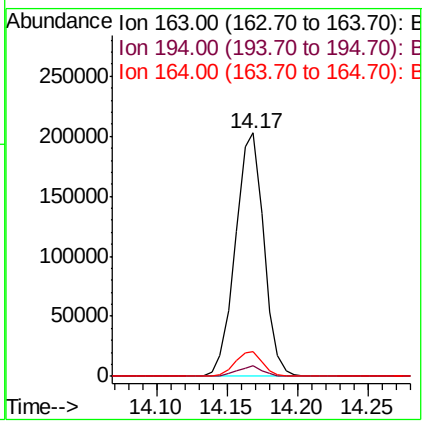


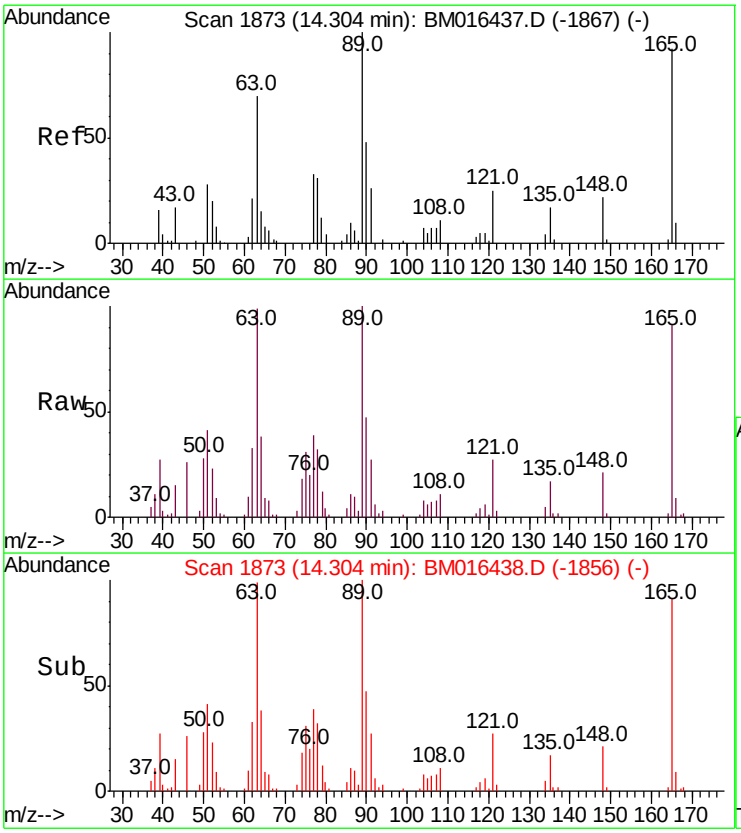
#49
Dimethylphthalate
Concen: 57.919 ng
RT: 14.17 min Scan# 1850
Delta R.T. 0.01 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 283833

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.4	8.2	12.2

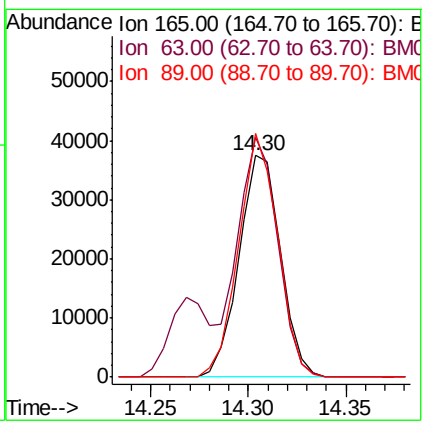


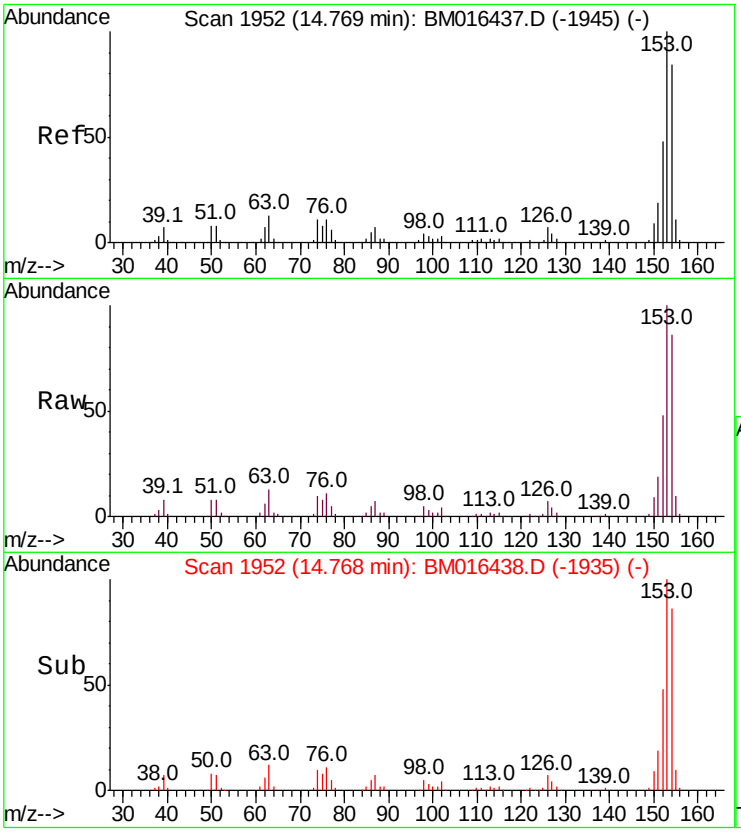


#50
2,6-Dinitrotoluene
Concen: 55.961 ng
RT: 14.30 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:165 Resp: 55178

Ion	Ratio	Lower	Upper
165	100		
63	108.3	44.1	66.1#
89	109.9	44.3	66.5#



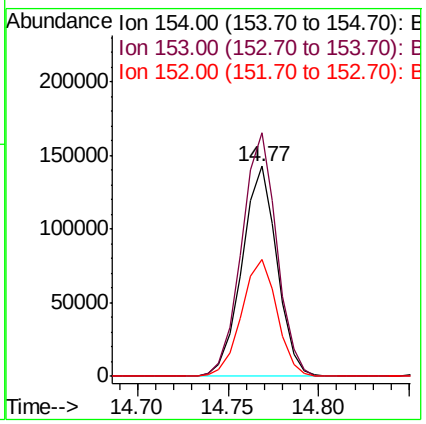


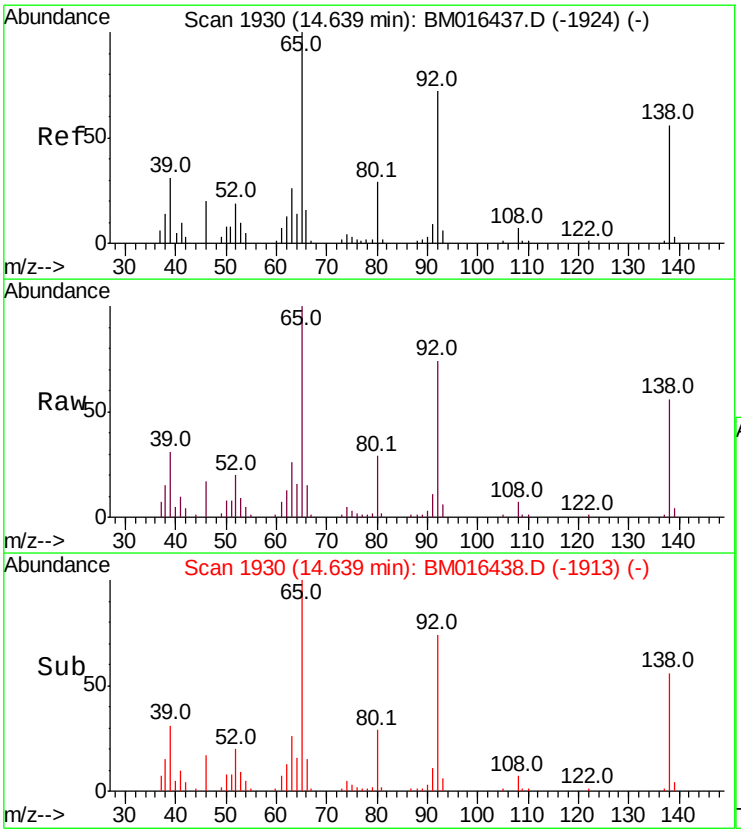
#51
Acenaphthene
Concen: 53.972 ng
RT: 14.77 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 190995

Ion	Ratio	Lower	Upper
154	100		
153	116.0	90.0	135.0
152	55.8	42.6	63.8

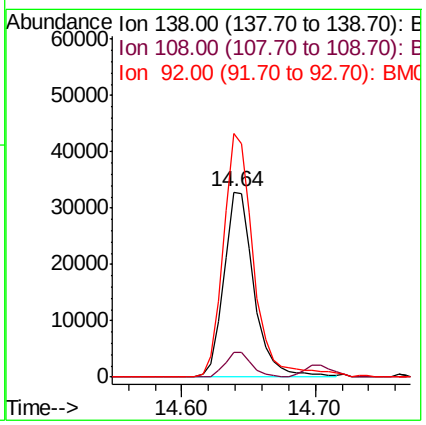


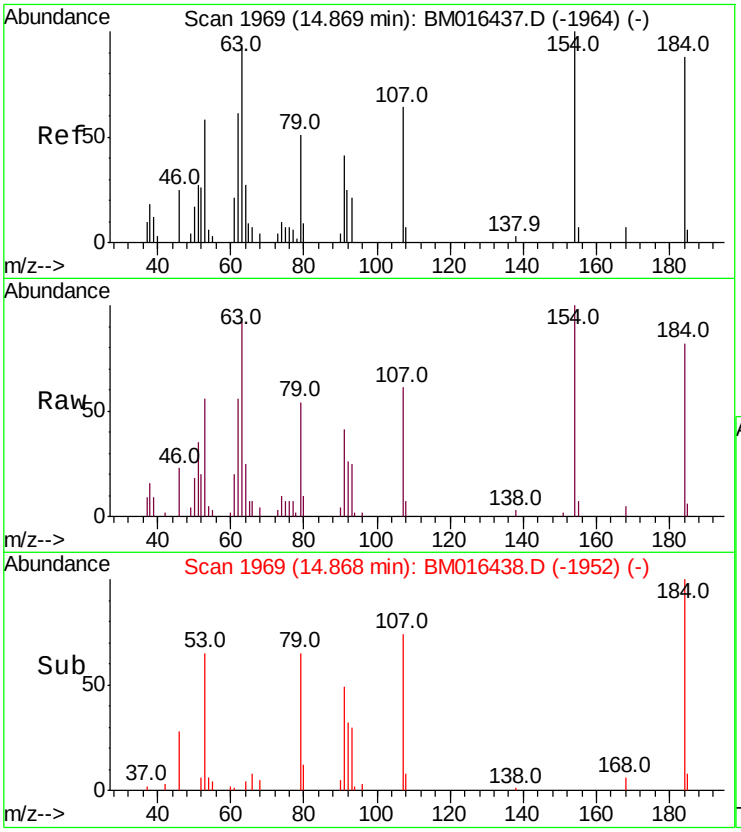


#52
3-Nitroaniline
Concen: 48.816 ng
RT: 14.64 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:138 Resp: 51989

Ion	Ratio	Lower	Upper
138	100		
108	13.1	7.3	10.9#
92	131.7	76.6	114.8#



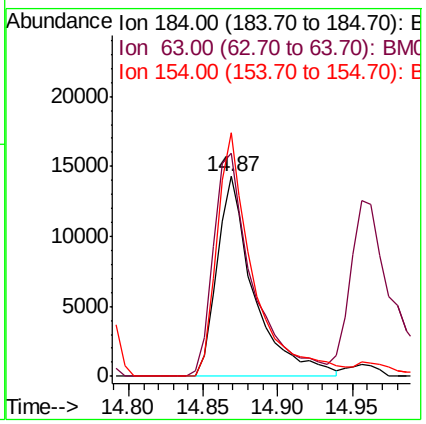


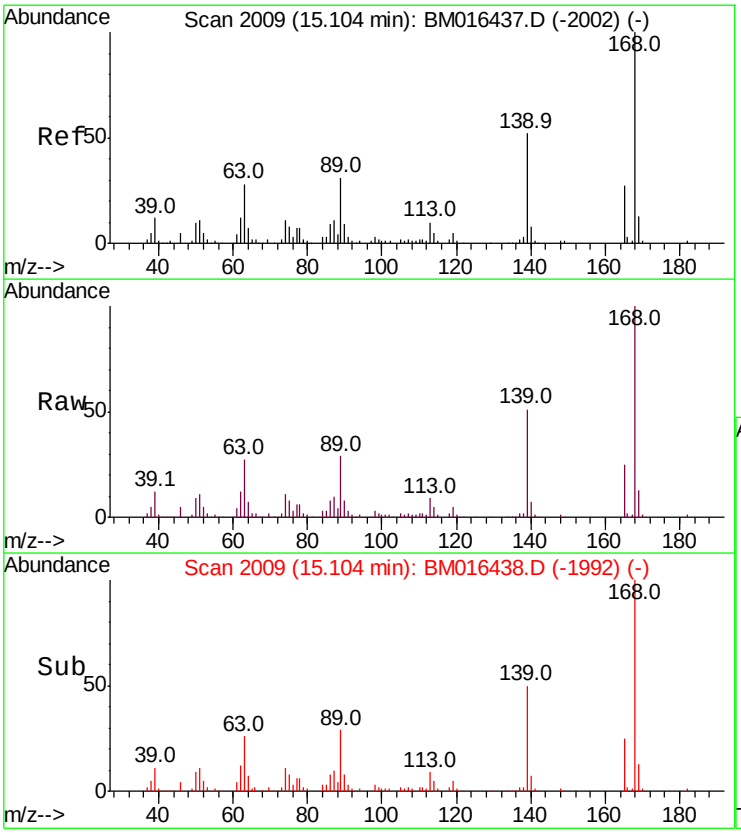
#53
2,4-Dinitrophenol
Concen: 67.488 ng
RT: 14.87 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 24807

Ion	Ratio	Lower	Upper
184	100		
63	111.7	69.2	103.8#
154	121.8	53.3	79.9#

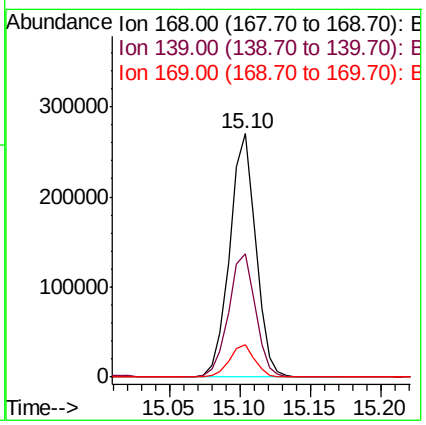


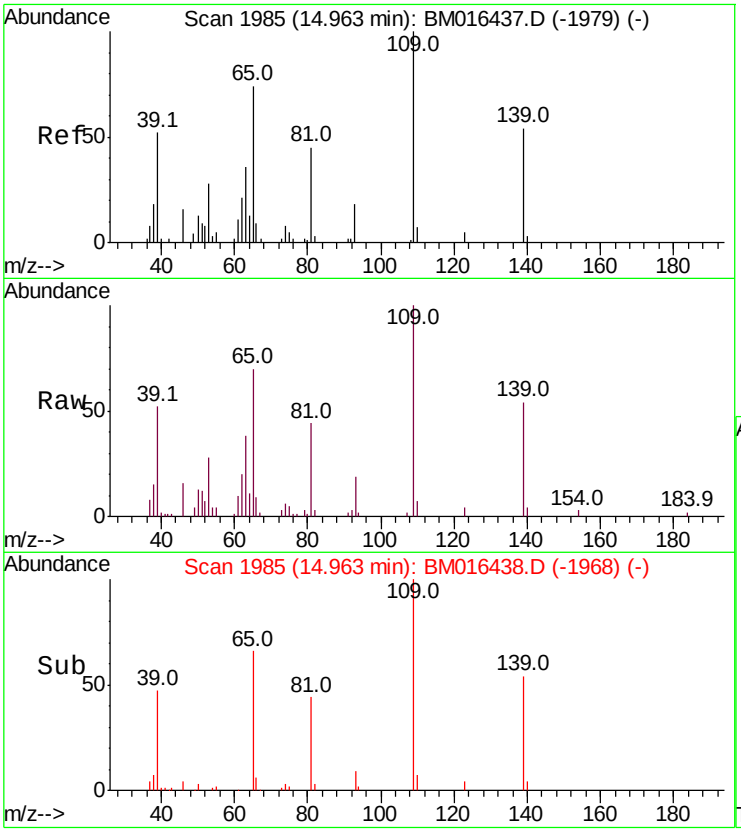


#54
Dibenzofuran
Concen: 59.464 ng
RT: 15.10 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:168 Resp: 346769

Ion	Ratio	Lower	Upper
168	100		
139	50.6	27.3	40.9#
169	13.1	10.6	16.0



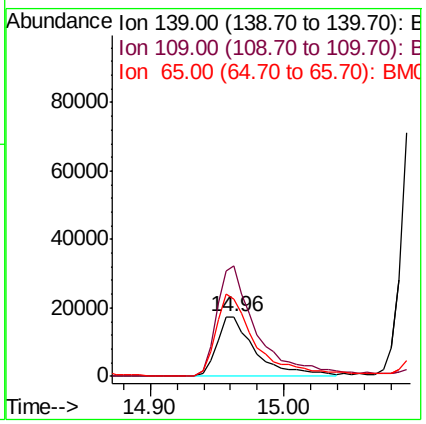


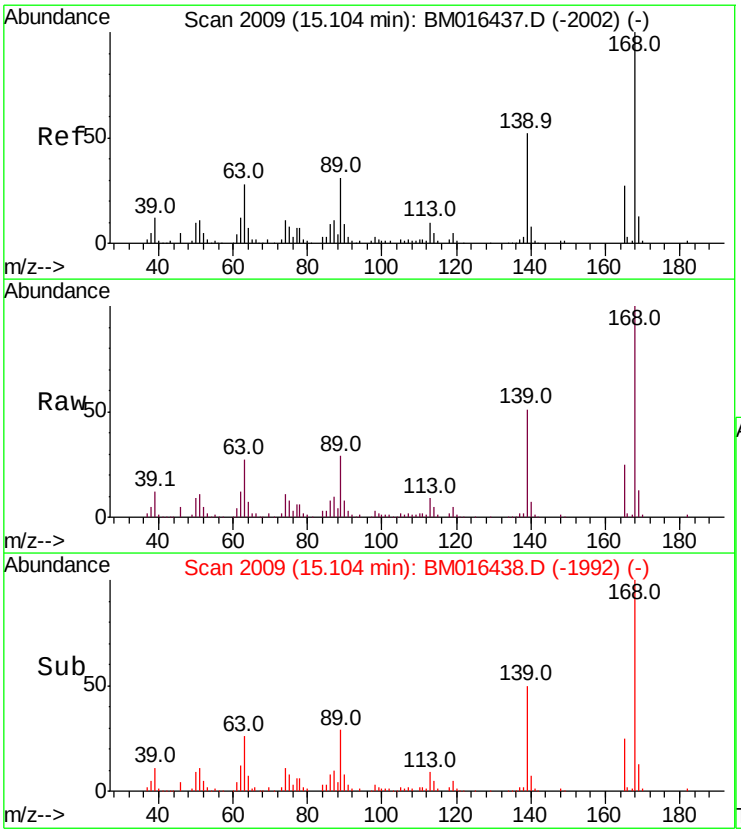
#55
4-Nitrophenol
Concen: 46.289 ng
RT: 14.96 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 35340

Ion	Ratio	Lower	Upper
139	100		
109	185.1	130.0	170.0#
65	129.6	130.0	170.0#

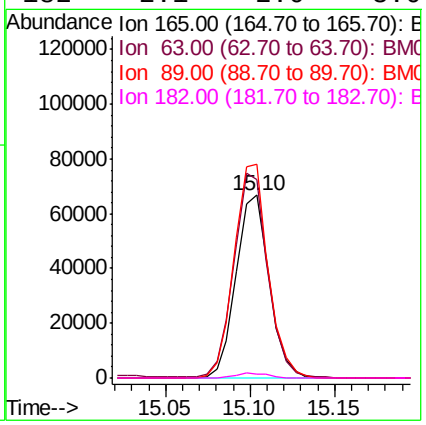


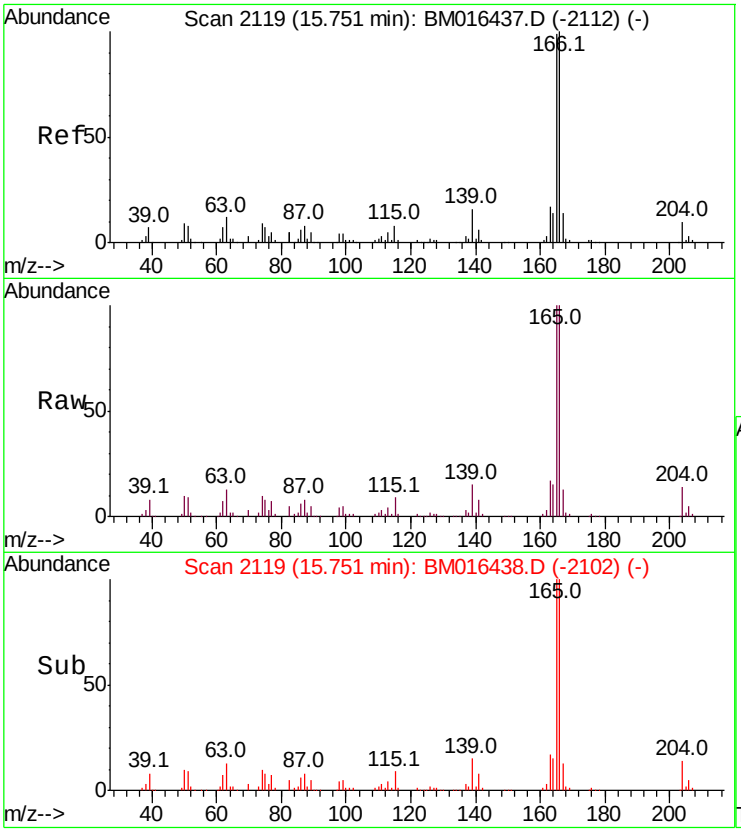


#56
2,4-Dinitrotoluene
Concen: 64.984 ng
RT: 15.10 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:165 Resp: 91618

Ion	Ratio	Lower	Upper
165	100		
63	108.5	52.4	78.6#
89	116.8	72.4	108.6#
182	2.1	2.0	3.0



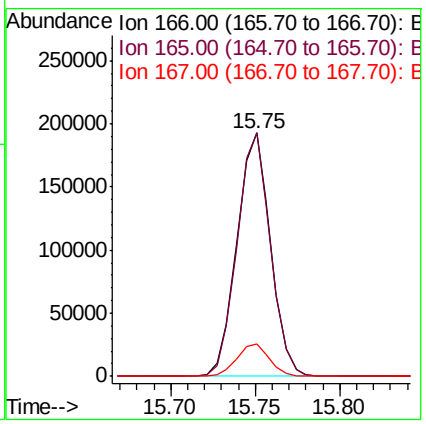


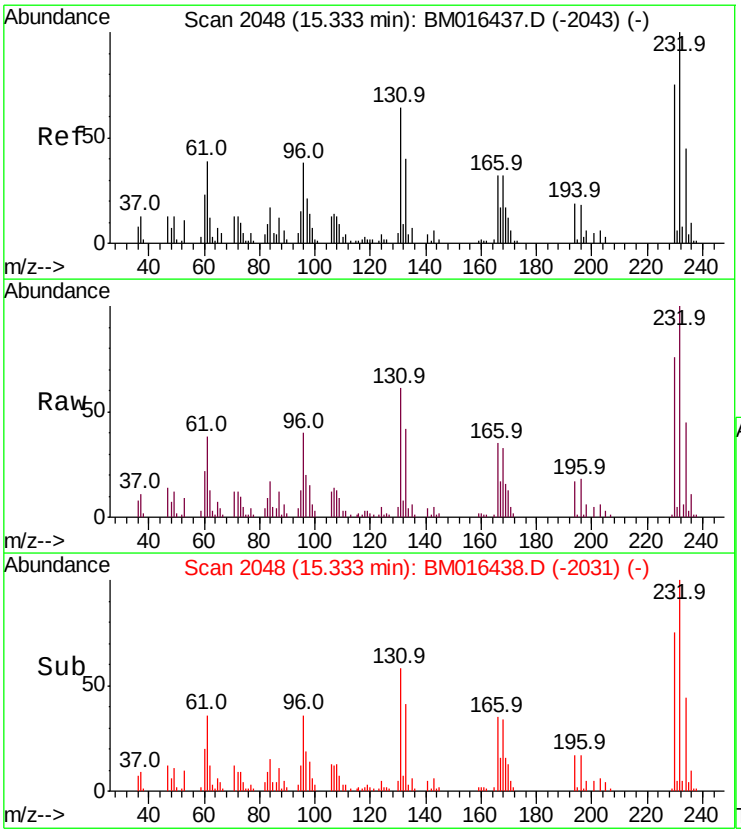
#57
Fluorene
Concen: 61.217 ng
RT: 15.75 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 265280

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.0	118.4
167	13.3	10.3	15.5

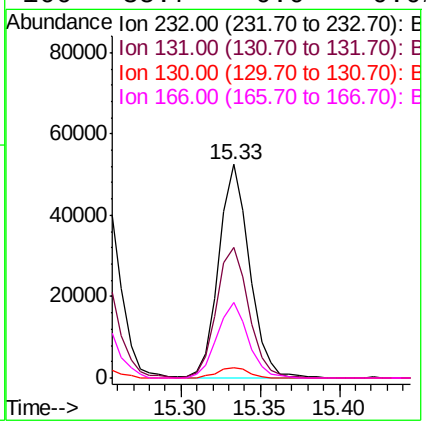


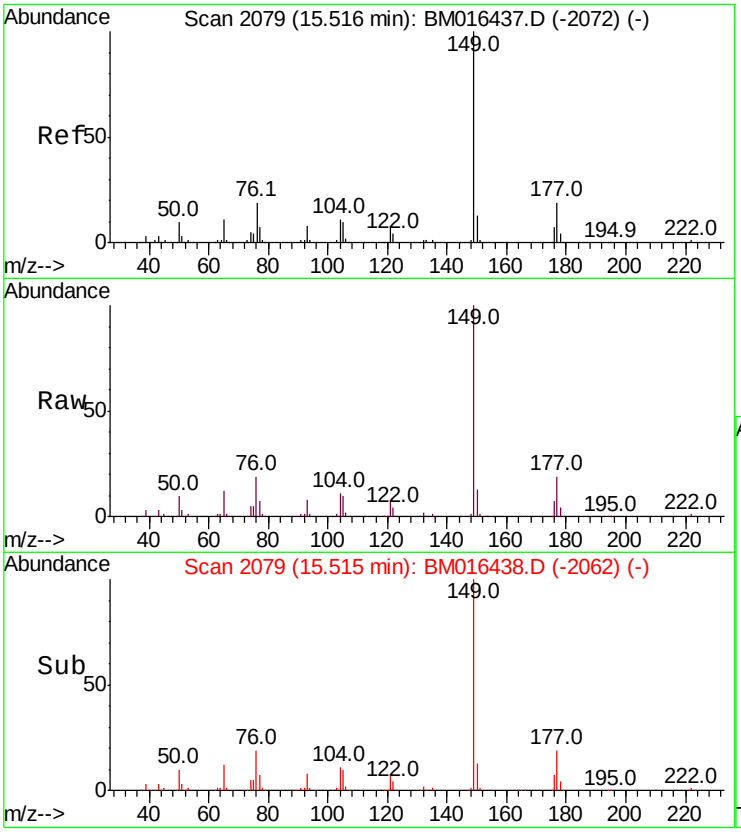


#58
2,3,4,6-Tetrachlorophenol
Concen: 67.016 ng
RT: 15.33 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:232 Resp: 70868

Ion	Ratio	Lower	Upper
232	100		
131	64.3	0.0	0.0#
130	4.9	0.0	0.0#
166	35.7	0.0	0.0#



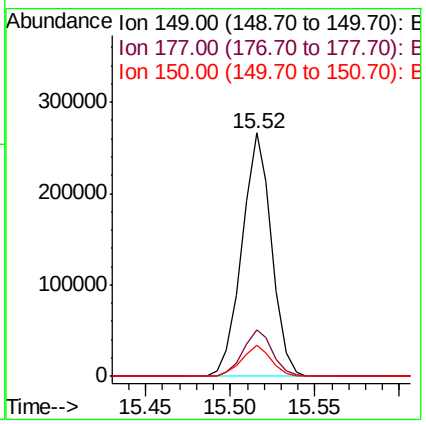


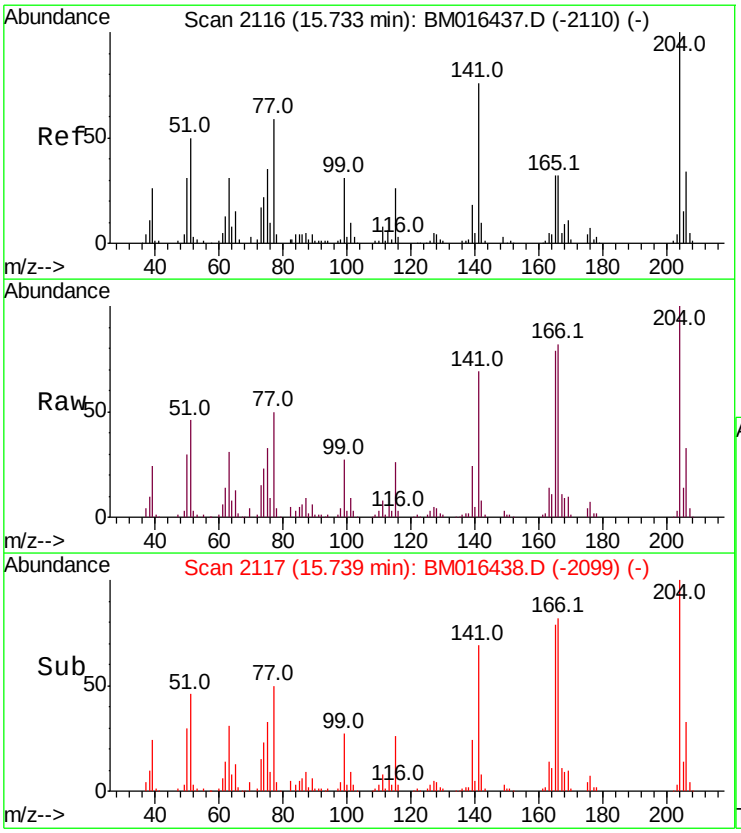
#59
Diethylphthalate
Concen: 61.515 ng
RT: 15.52 min Scan# 2079
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 324922

Ion	Ratio	Lower	Upper
149	100		
177	18.9	18.3	27.5
150	12.6	9.8	14.8

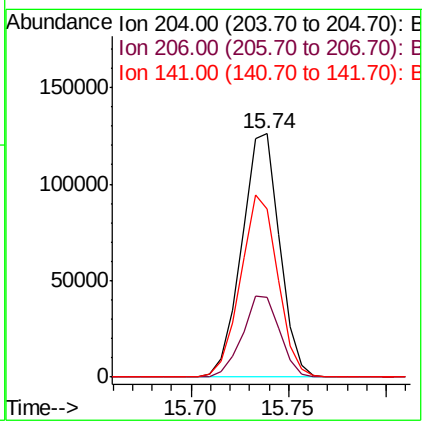


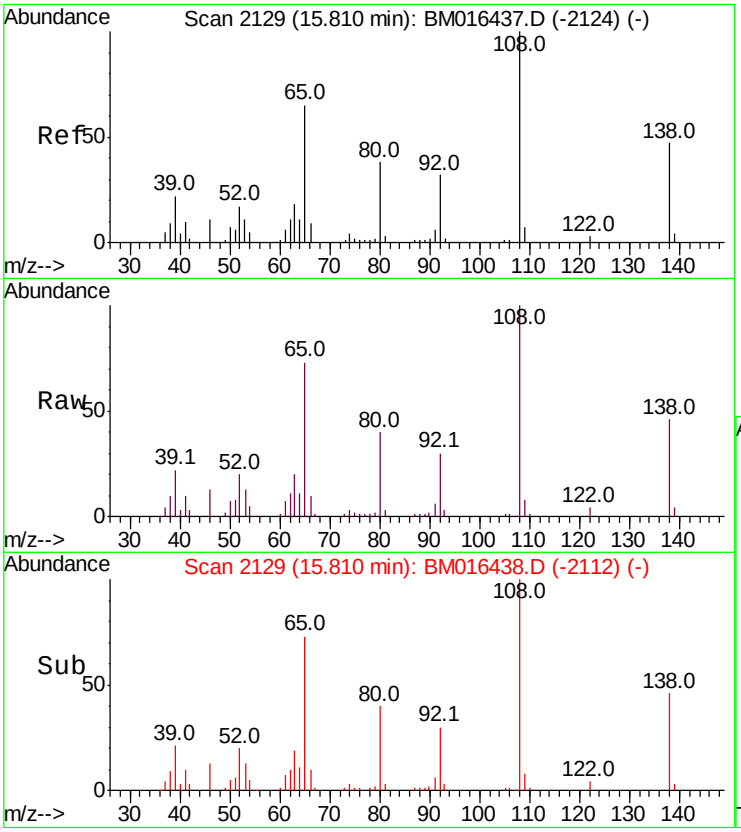


#60
4-Chlorophenyl-phenylether
Concen: 70.355 ng
RT: 15.74 min Scan# 2117
Delta R.T. 0.01 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:204 Resp: 169723

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	69.1	45.2	67.8#



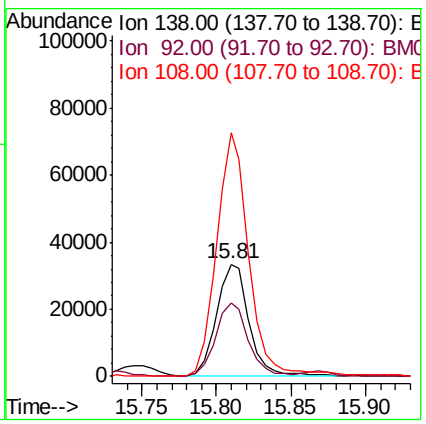


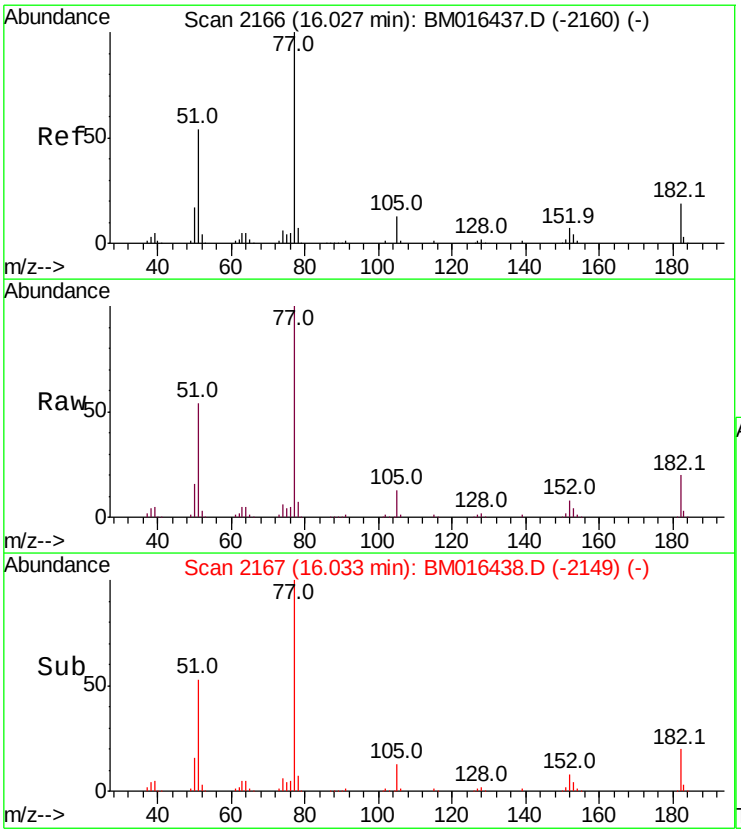
#61
4-Nitroaniline
Concen: 50.277 ng
RT: 15.81 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 51374

Ion	Ratio	Lower	Upper
138	100		
92	65.3	16.7	56.7#
108	217.8	37.6	77.6#

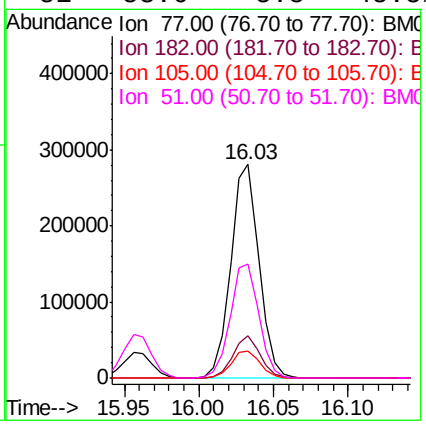


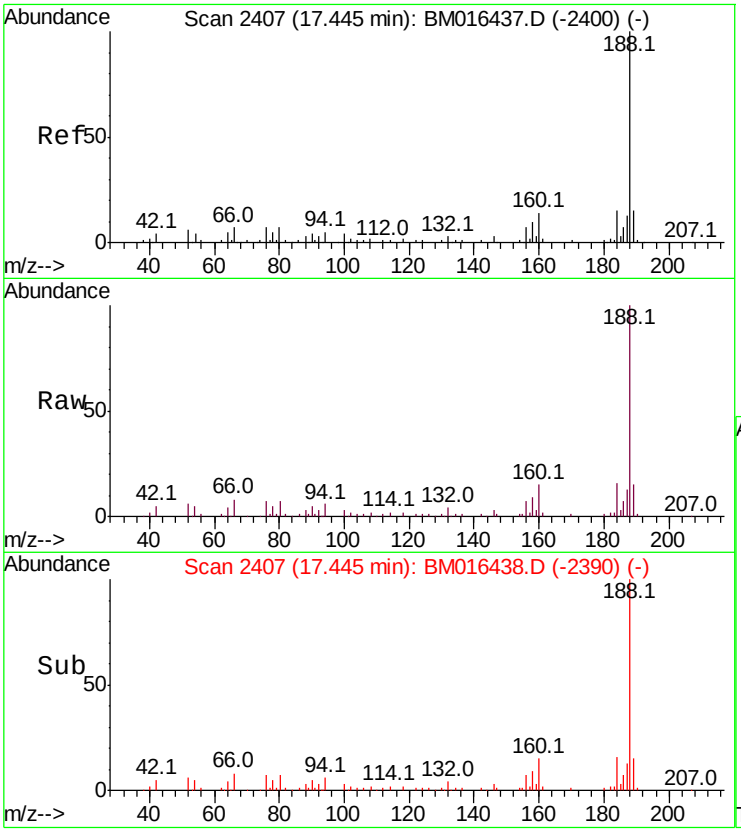


#62
Azobenzene
Concen: 66.700 ng
RT: 16.03 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion: 77 Resp: 371037

Ion	Ratio	Lower	Upper
77	100		
182	19.5	6.5	46.5
105	12.6	3.8	43.8
51	53.6	5.5	45.5#



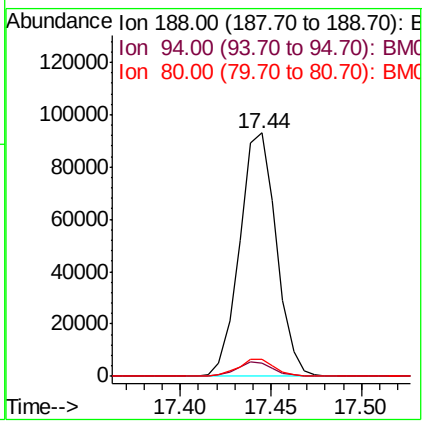


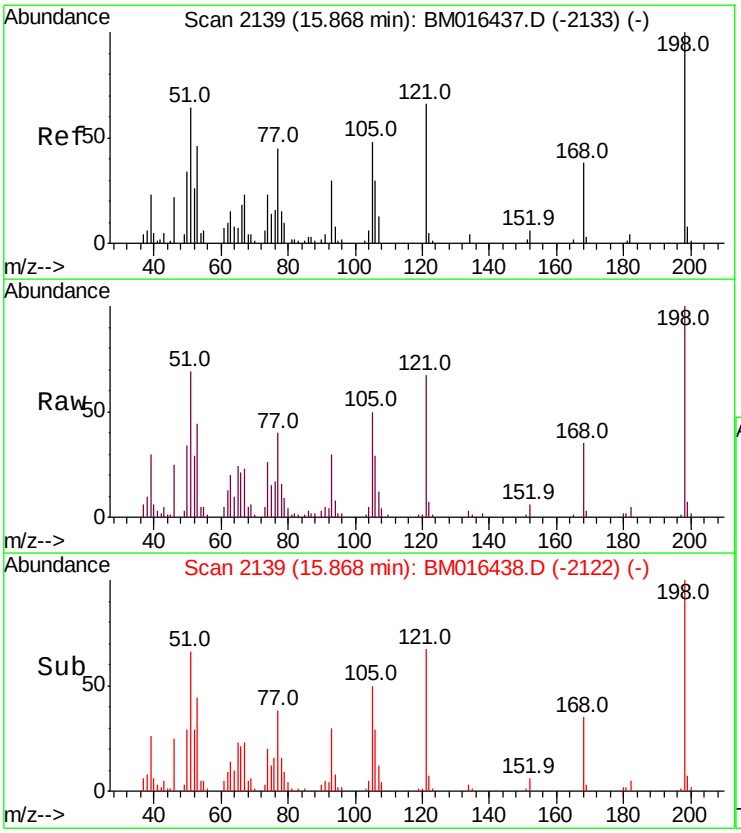
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 130470

Ion	Ratio	Lower	Upper
188	100		
94	5.6	8.7	13.1#
80	7.1	9.3	13.9#

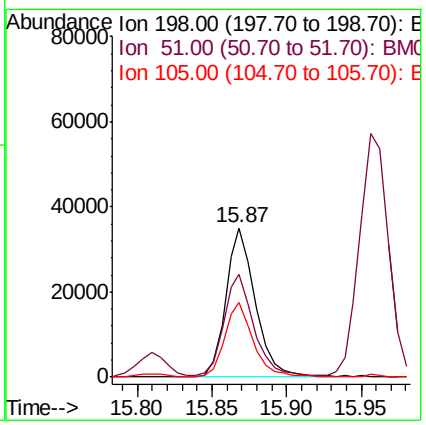


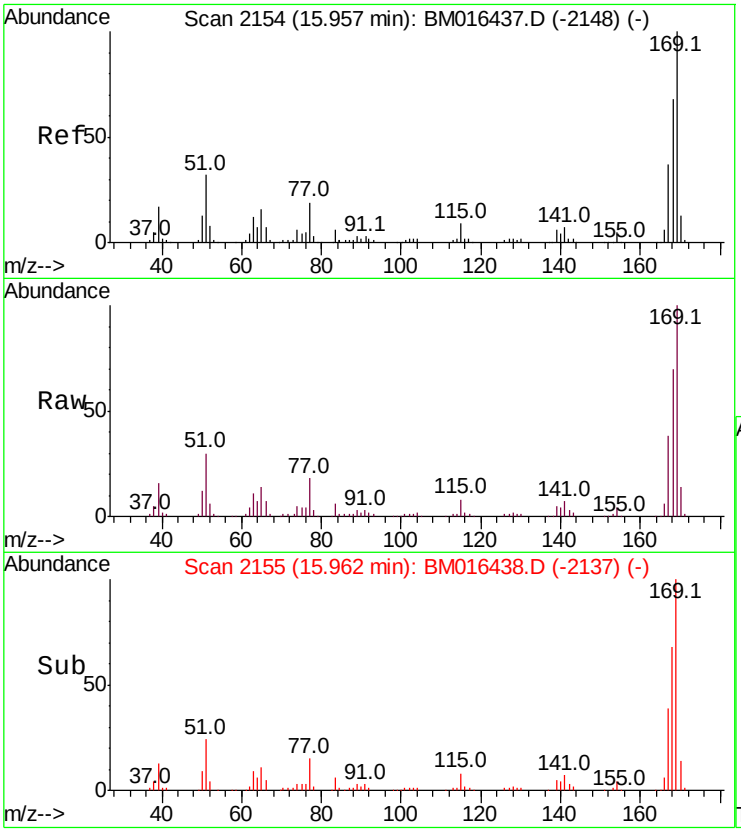


#64
4,6-Dinitro-2-methylphenol
Concen: 61.289 ng
RT: 15.87 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:198 Resp: 48536

Ion	Ratio	Lower	Upper
198	100		
51	69.2	28.8	68.8#
105	49.9	30.5	70.5



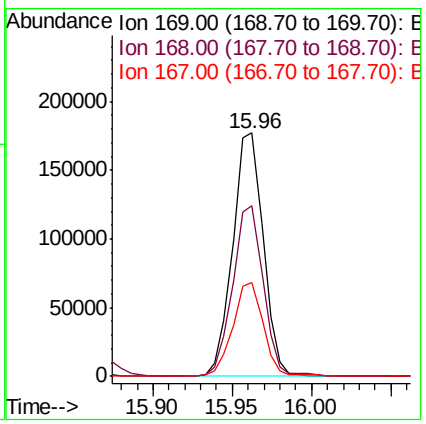


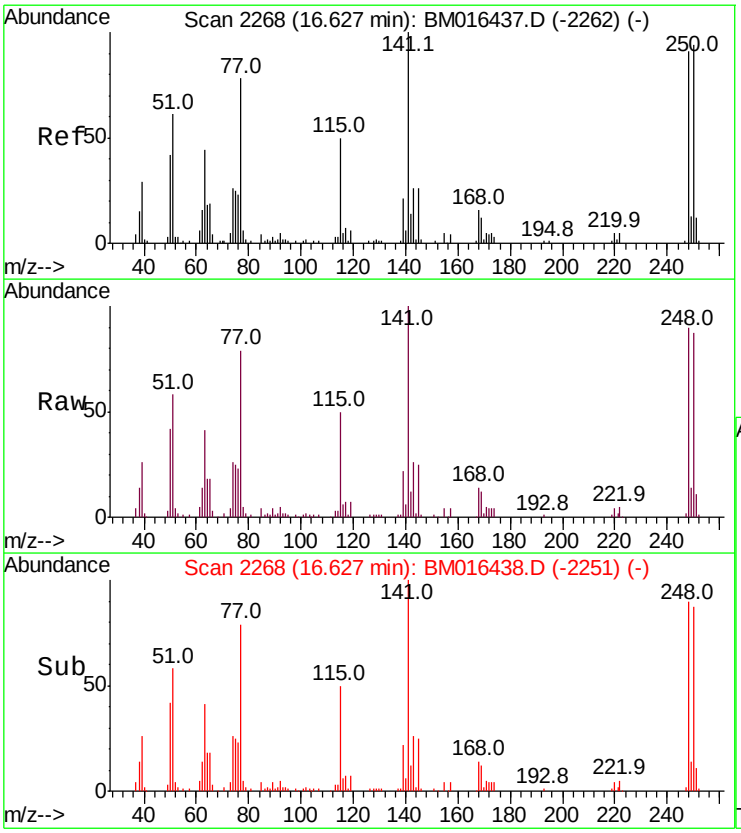
#65
n-Nitrosodiphenylamine
Concen: 55.242 ng
RT: 15.96 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:169 Resp: 237328

Ion	Ratio	Lower	Upper
169	100		
168	70.3	53.9	80.9
167	38.4	28.9	43.3

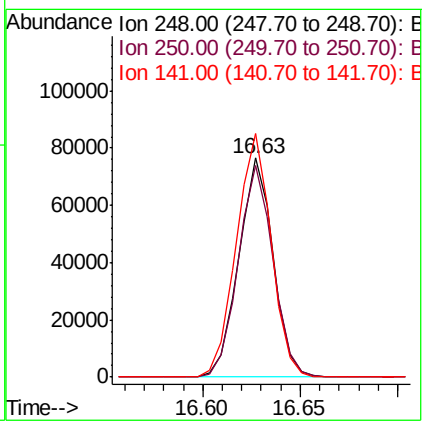


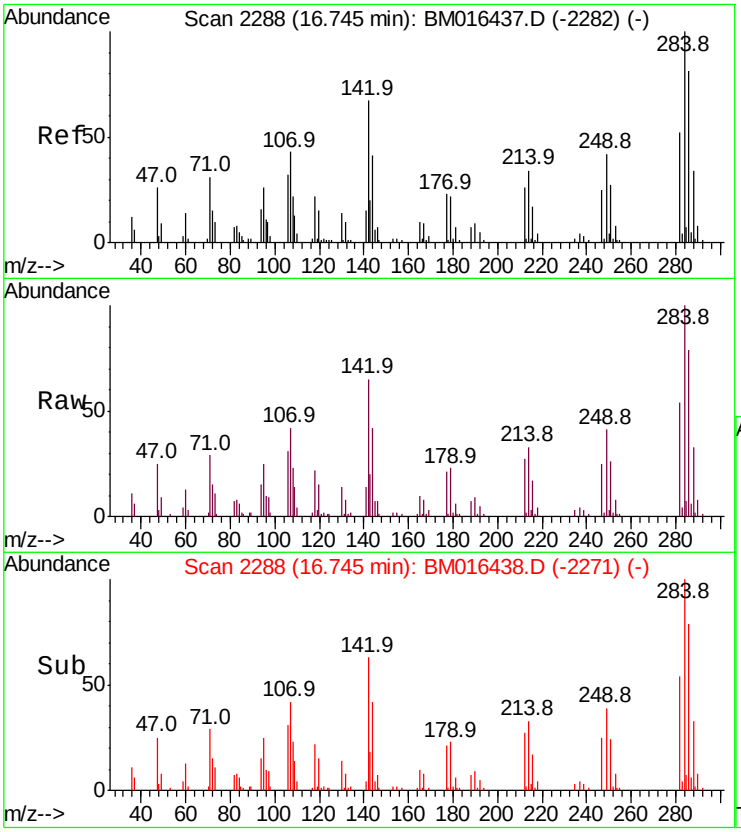


#66
4-Bromophenyl-phenylether
Concen: 63.323 ng
RT: 16.63 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:248 Resp: 93551

Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.4	116.0
141	111.3	45.2	67.8#



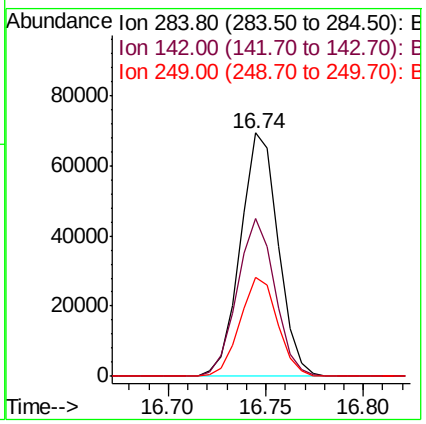


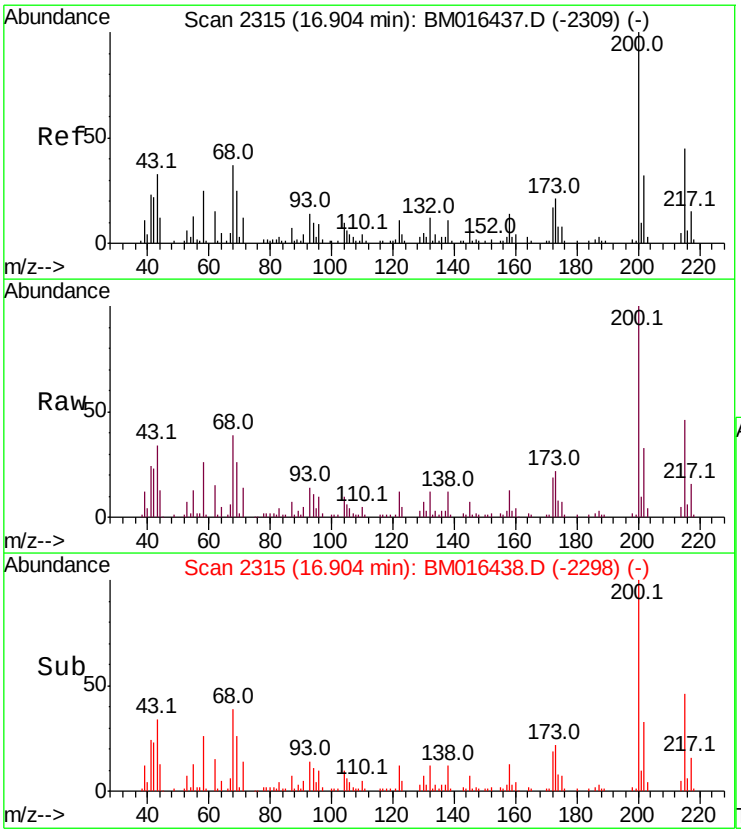
#67
Hexachlorobenzene
Concen: 57.171 ng
RT: 16.74 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 93013

Ion	Ratio	Lower	Upper
284	100		
142	64.6	20.4	30.6#
249	40.8	23.8	35.6#

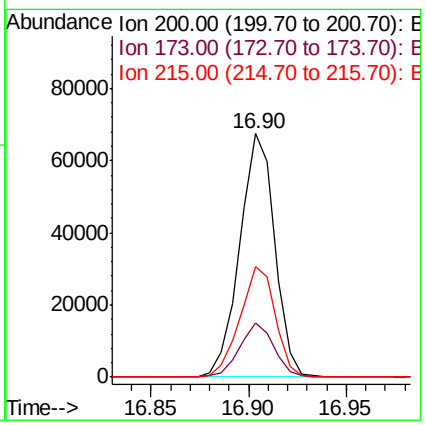


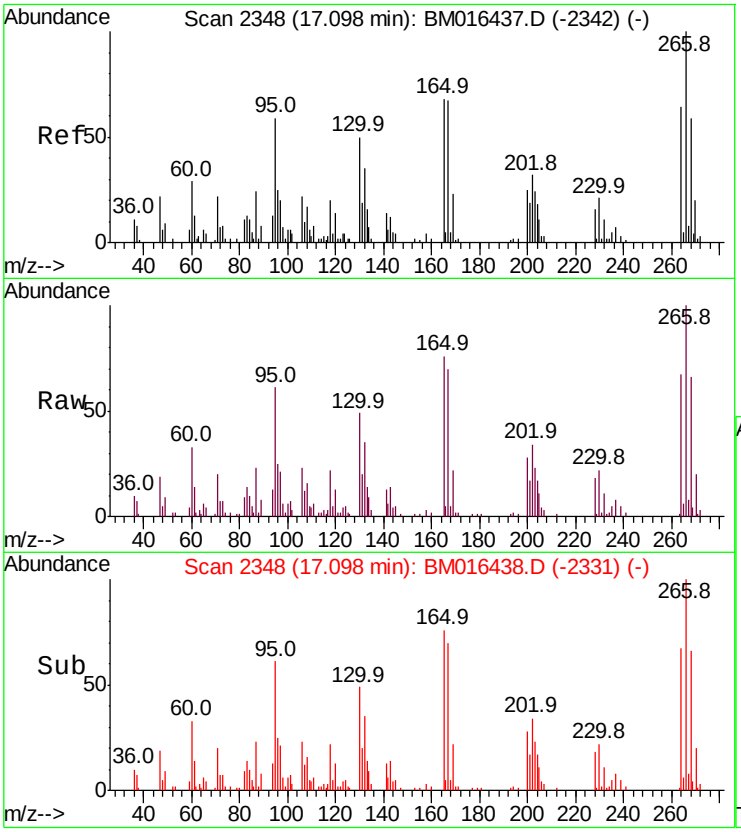


#68
Atrazine
Concen: 54.470 ng
RT: 16.90 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:200 Resp: 83872

Ion	Ratio	Lower	Upper
200	100		
173	22.1	4.8	44.8
215	45.6	26.9	66.9



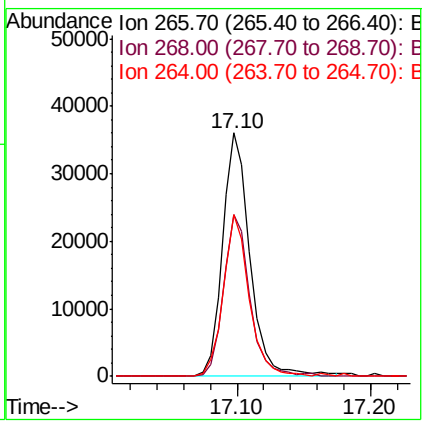


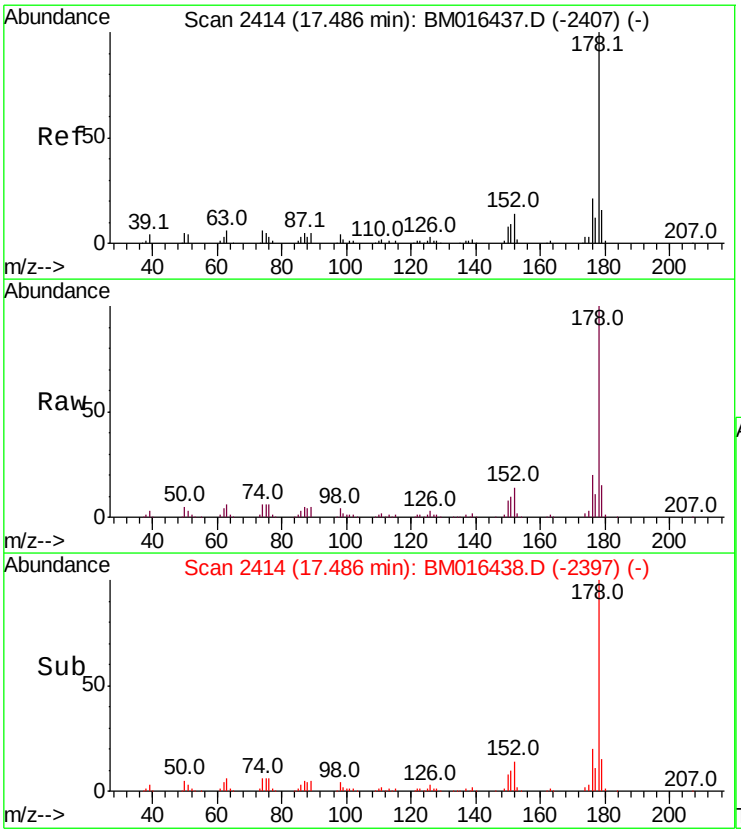
#69
Pentachlorophenol
Concen: 51.590 ng
RT: 17.10 min Scan# 2348
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 51974

Ion	Ratio	Lower	Upper
266	100		
268	66.2	52.0	78.0
264	66.7	49.0	73.4

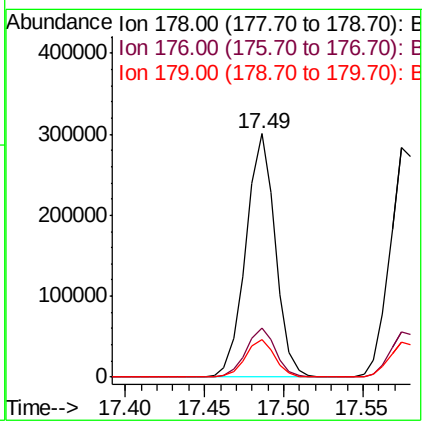


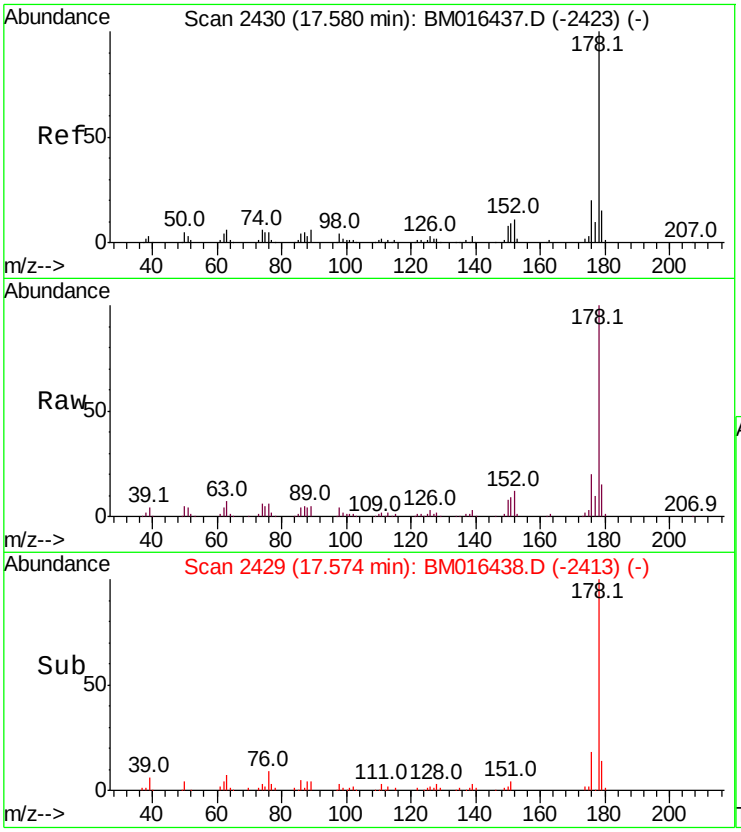


#70
Phenanthrene
Concen: 53.033 ng
RT: 17.49 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:178 Resp: 387382

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.2	22.8
179	15.2	12.1	18.1



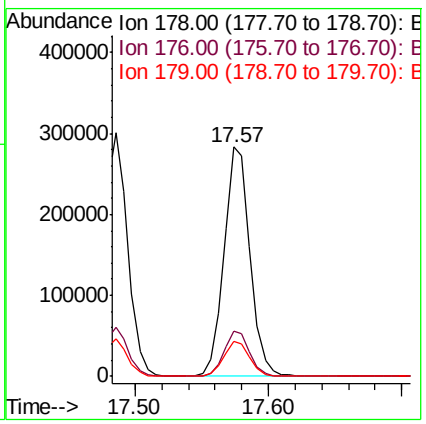


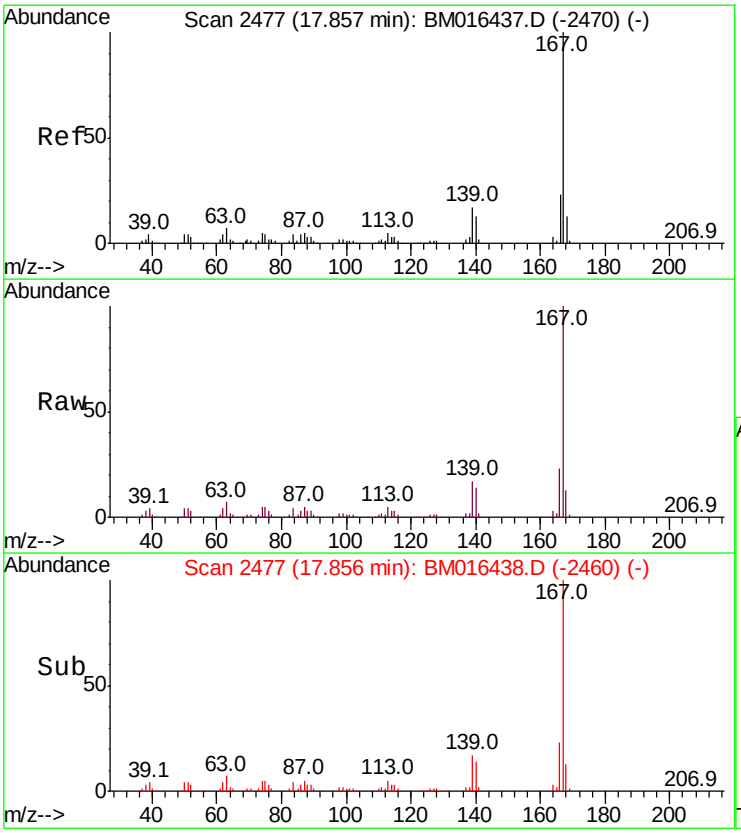
#71
Anthracene
Concen: 54.622 ng
RT: 17.57 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 387770

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.6	22.0
179	15.5	12.6	19.0

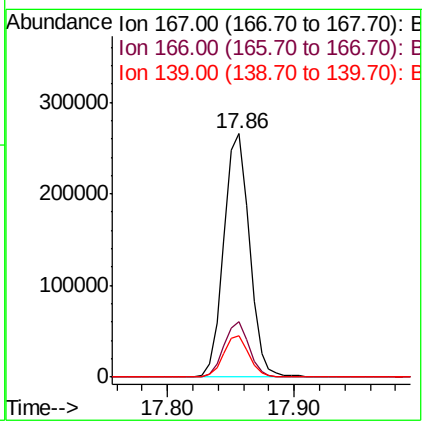


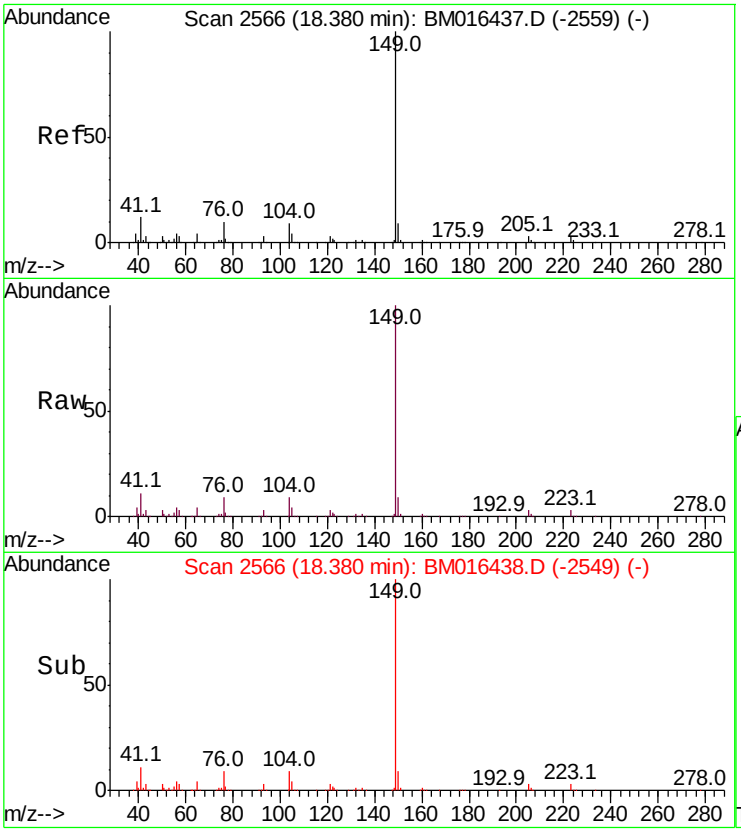


#72
Carbazole
Concen: 50.640 ng
RT: 17.86 min Scan# 2477
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:167 Resp: 372434

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.2	25.8
139	16.8	10.8	16.2#



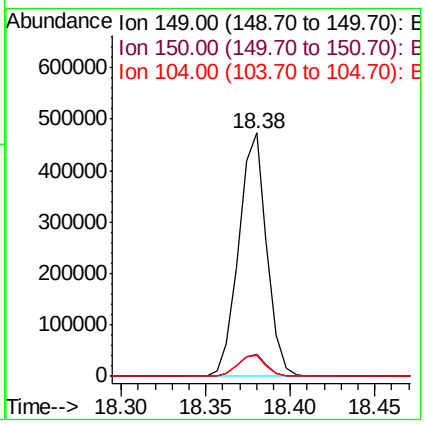


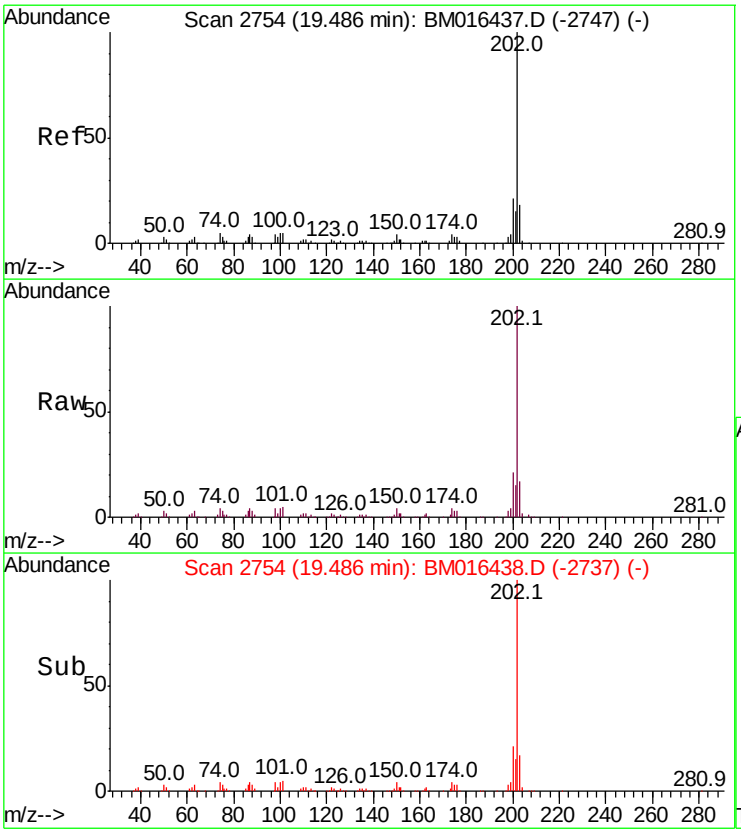
#73
Di-n-butylphthalate
Concen: 59.369 ng
RT: 18.38 min Scan# 2566
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 544086

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	8.7	3.7	5.5#

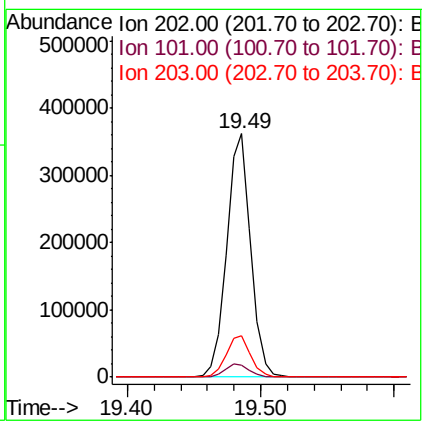


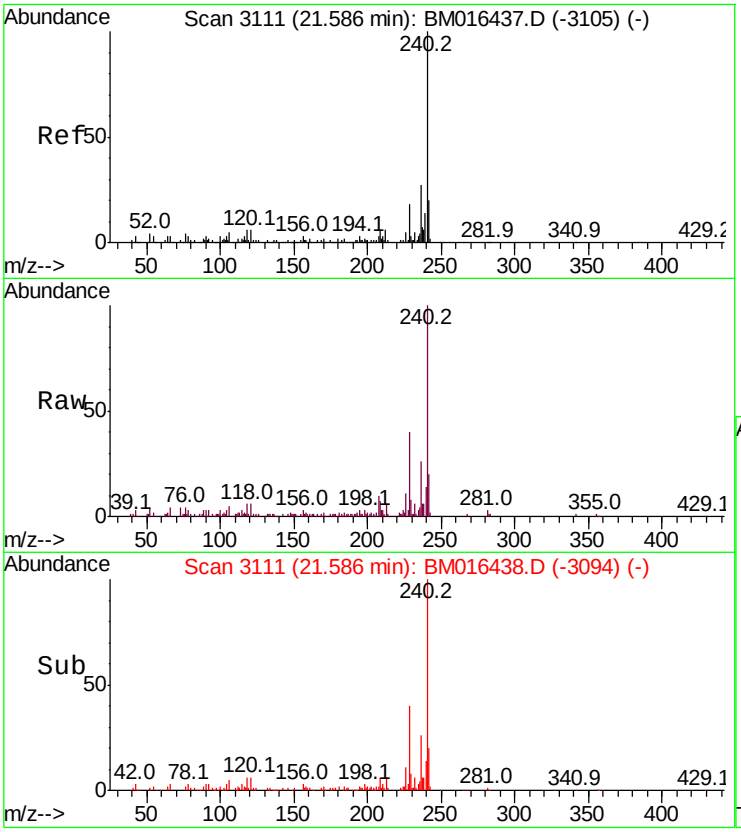


#74
Fluoranthene
Concen: 55.602 ng
RT: 19.49 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:202 Resp: 453046

Ion	Ratio	Lower	Upper
202	100		
101	5.1	0.0	28.7
203	16.8	0.0	37.2



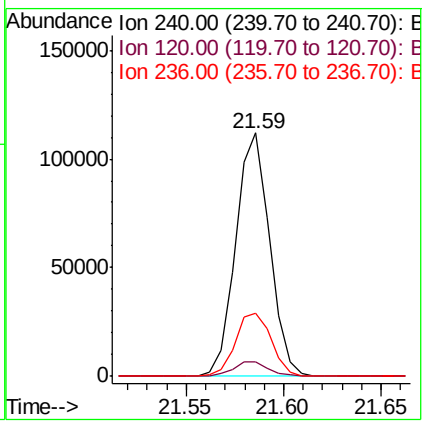


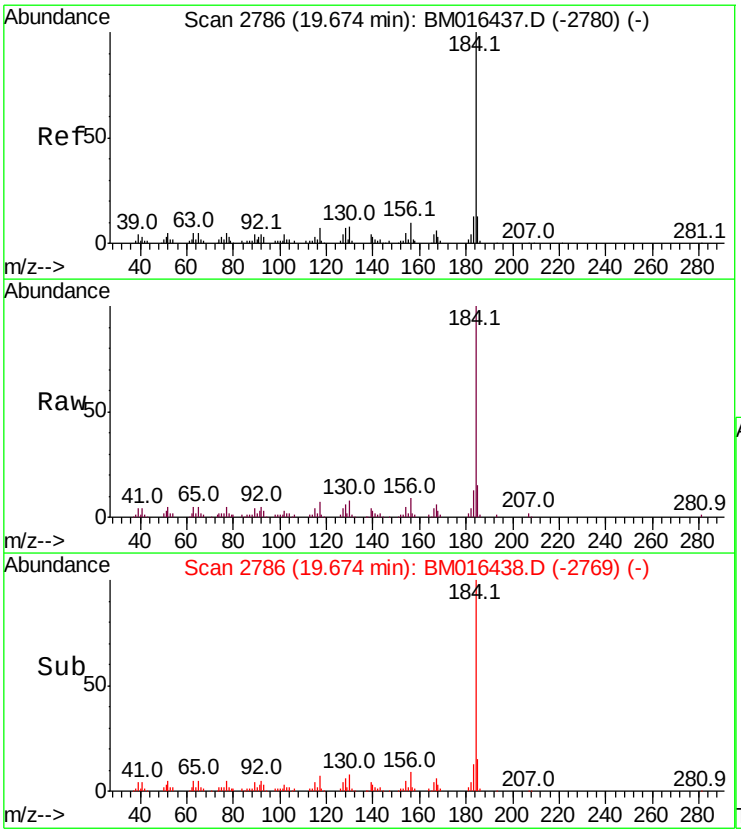
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 134923

Ion	Ratio	Lower	Upper
240	100		
120	5.8	8.2	12.2#
236	26.1	20.0	30.0

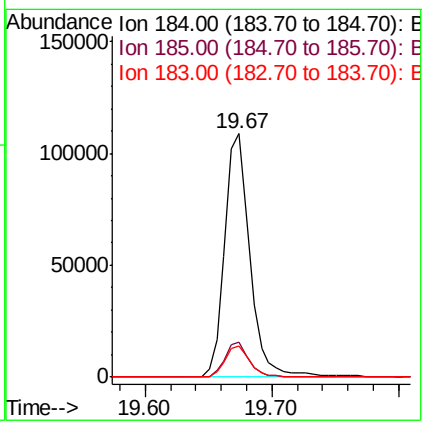


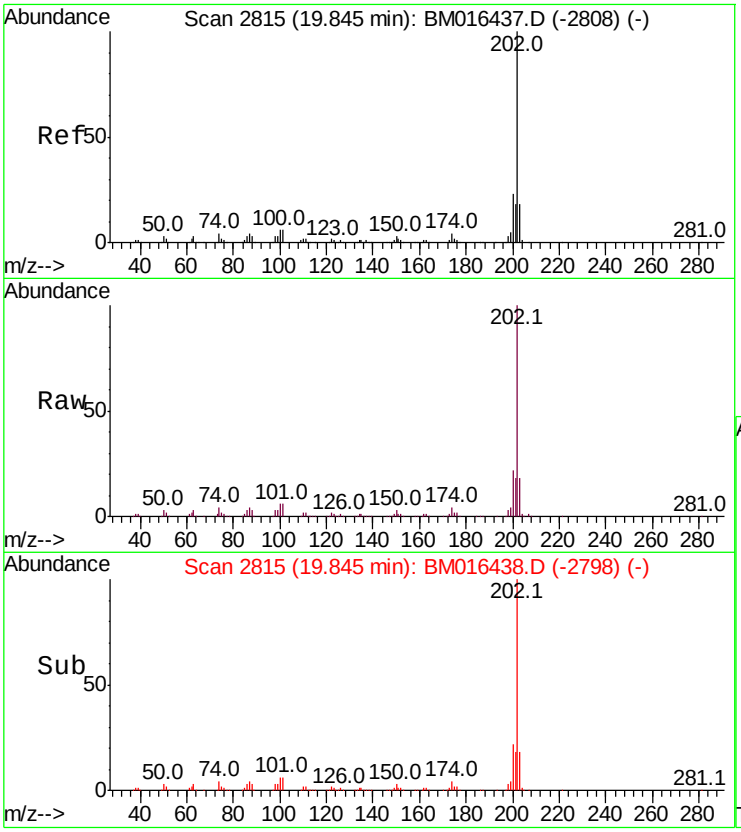


#76
Benzidine
Concen: 39.623 ng
RT: 19.67 min Scan# 2786
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:184 Resp: 149390

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.3	16.9
183	12.7	8.9	13.3



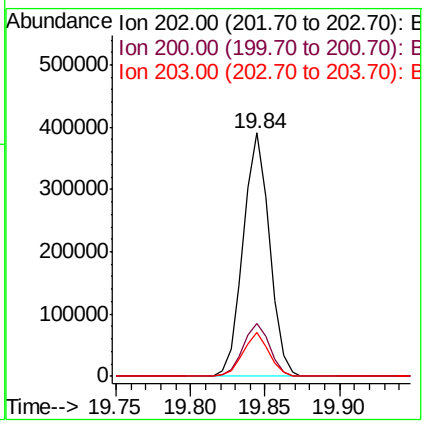


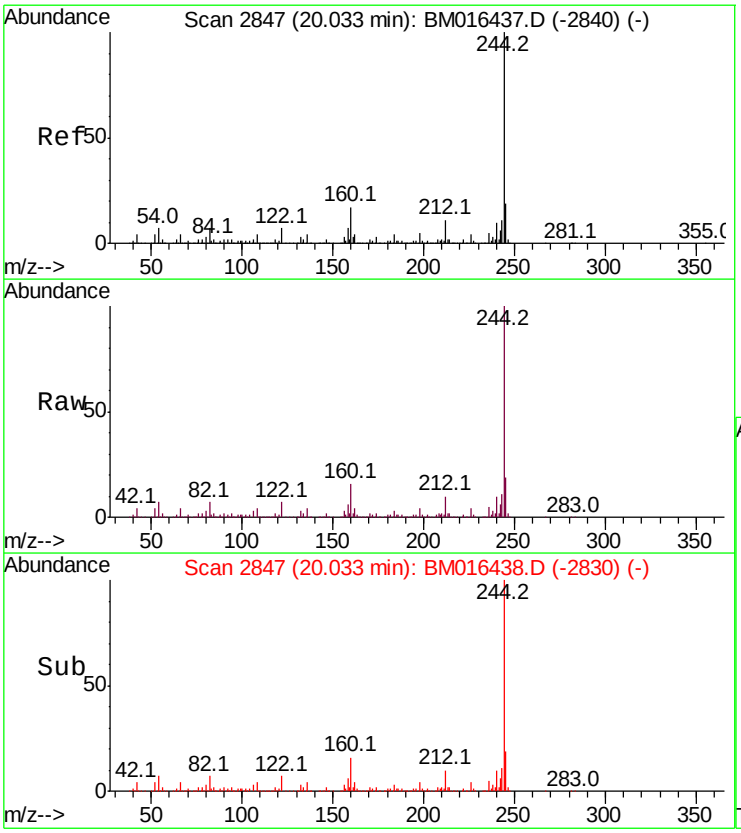
#77
Pyrene
Concen: 58.856 ng
RT: 19.84 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 475884

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	17.8	14.1	21.1

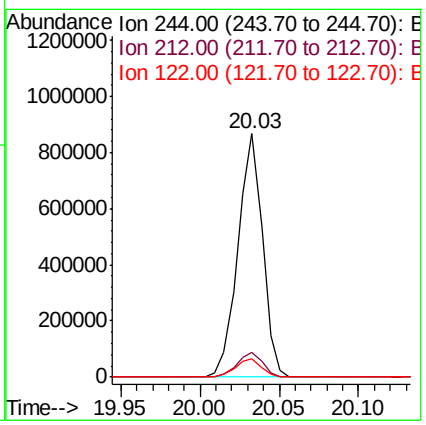


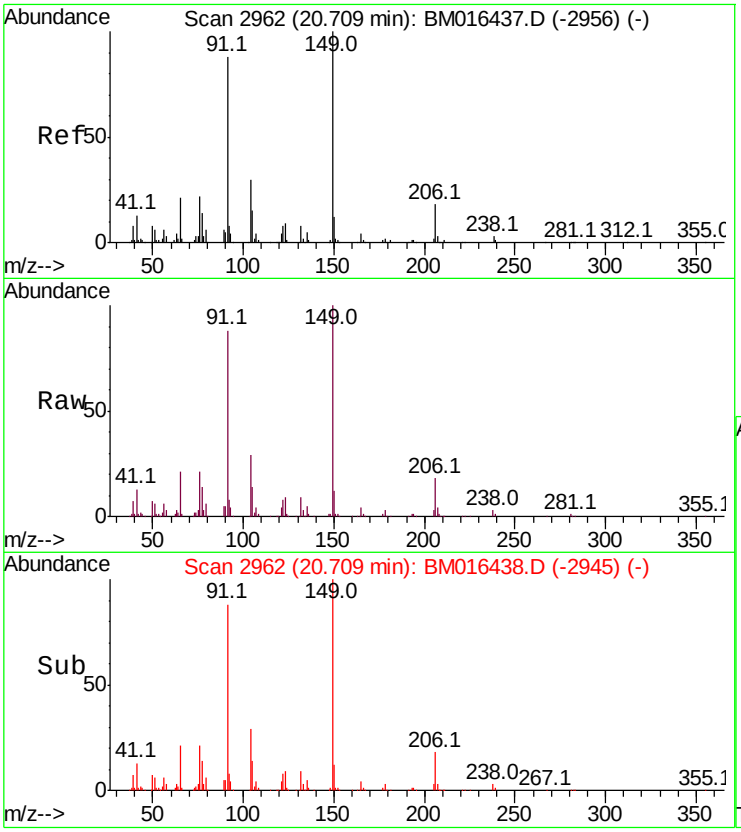


#78
Terphenyl-d14
Concen: 58.856 ng
RT: 20.03 min Scan# 2847
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:244 Resp: 932444

Ion	Ratio	Lower	Upper
244	100		
212	10.2	4.9	7.3#
122	7.5	6.2	9.4



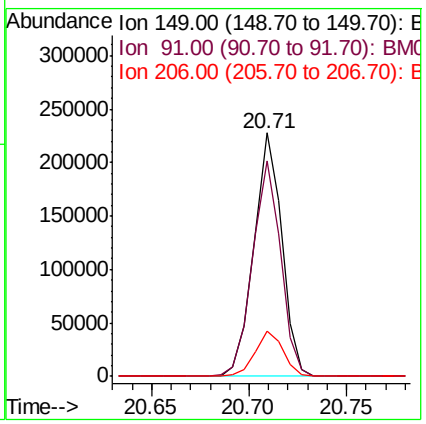


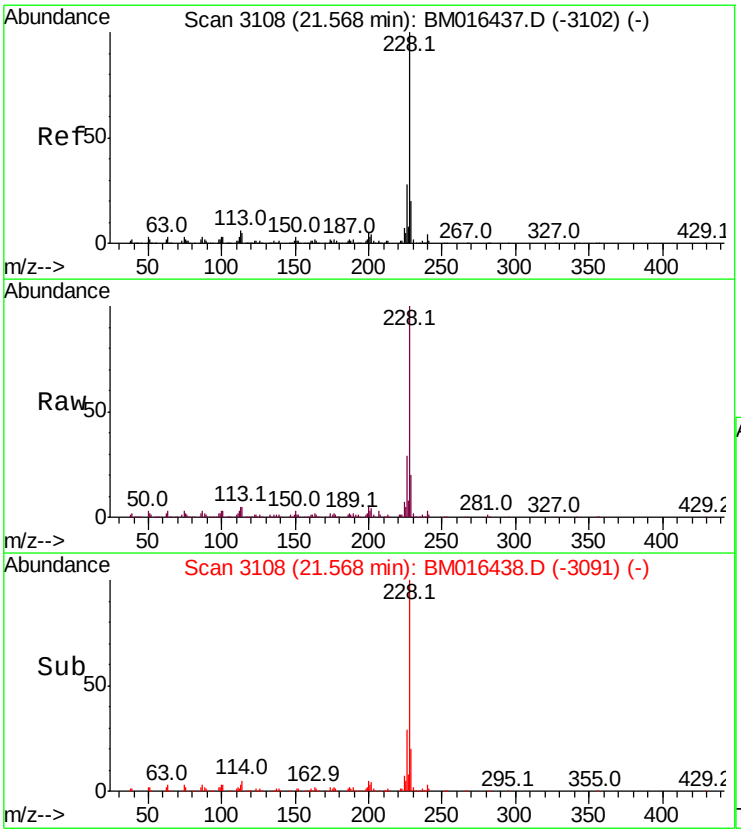
#79
Butylbenzylphthalate
Concen: 55.079 ng
RT: 20.71 min Scan# 2962
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 226238

Ion	Ratio	Lower	Upper
149	100		
91	88.5	50.1	75.1#
206	18.3	16.2	24.2

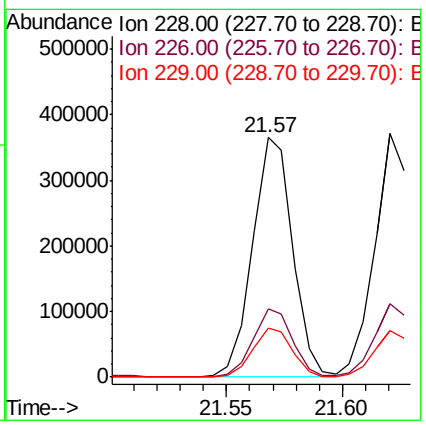


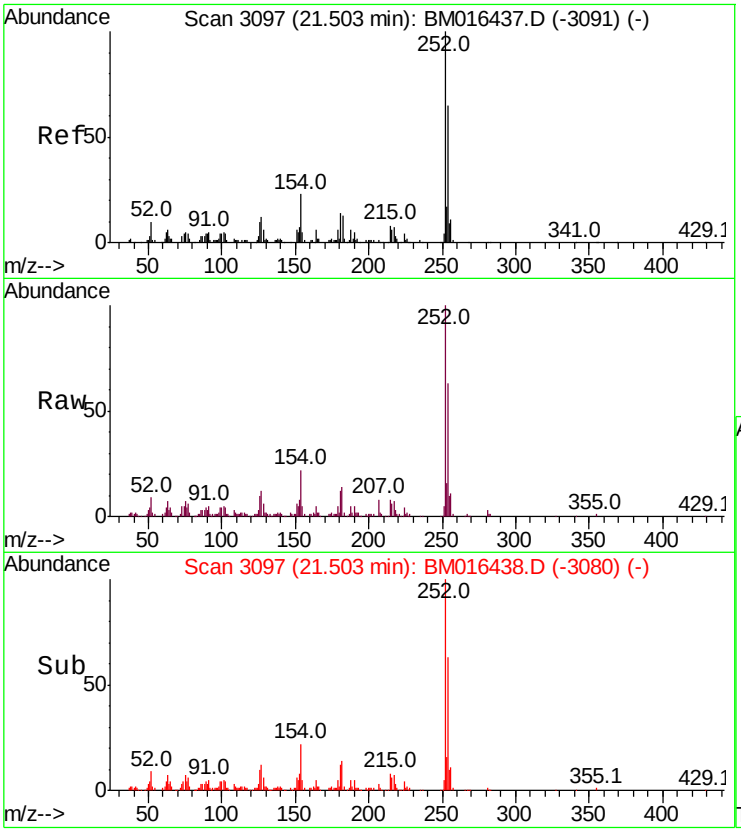


#80
Benzo(a)anthracene
Concen: 53.212 ng
RT: 21.57 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:228 Resp: 442189

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.7	32.5
229	20.3	16.0	24.0



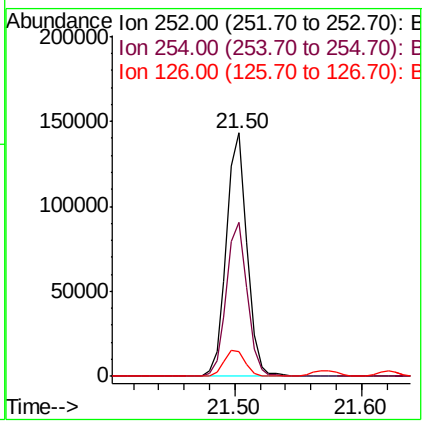


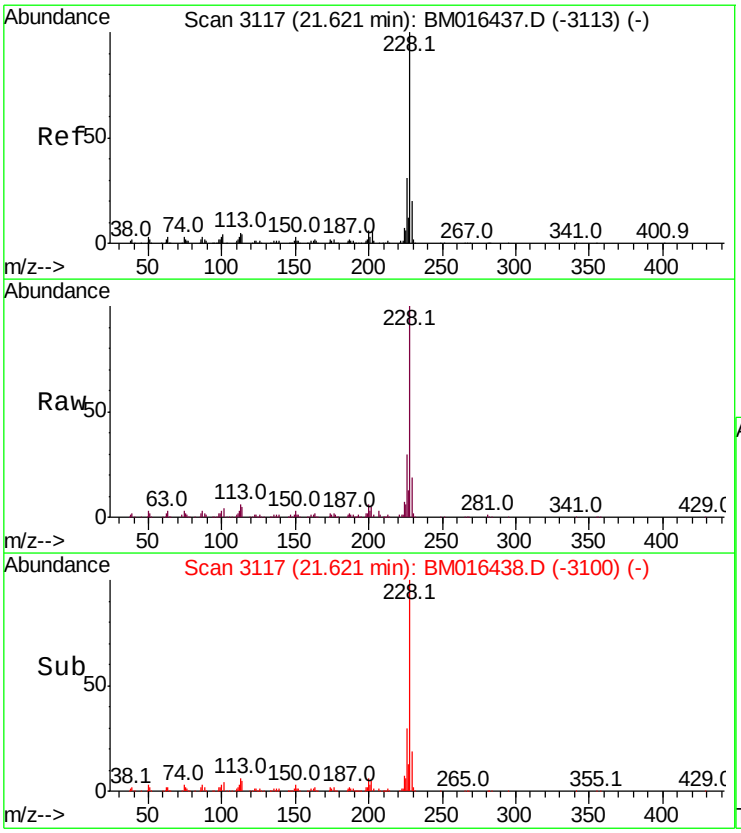
#81
3,3'-Dichlorobenzidine
Concen: 48.173 ng
RT: 21.50 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 161242

Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.9	77.9
126	10.2	9.8	14.8

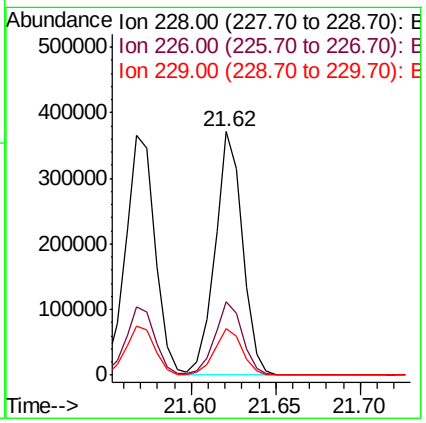


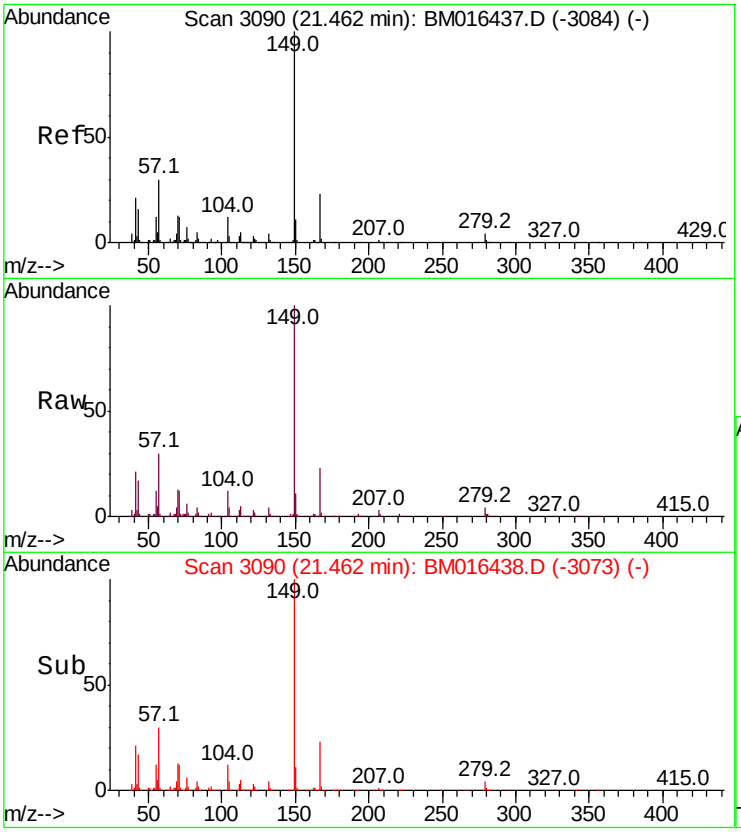


#82
Chrysene
Concen: 52.366 ng
RT: 21.62 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:228 Resp: 417434

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.3	15.5	23.3



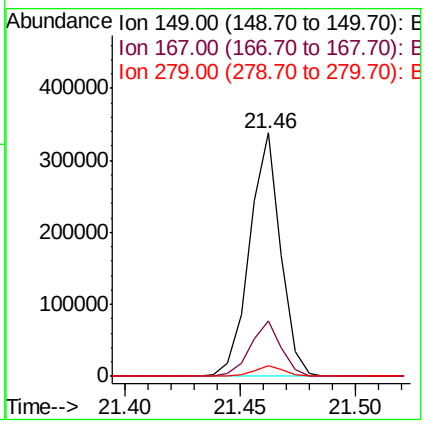


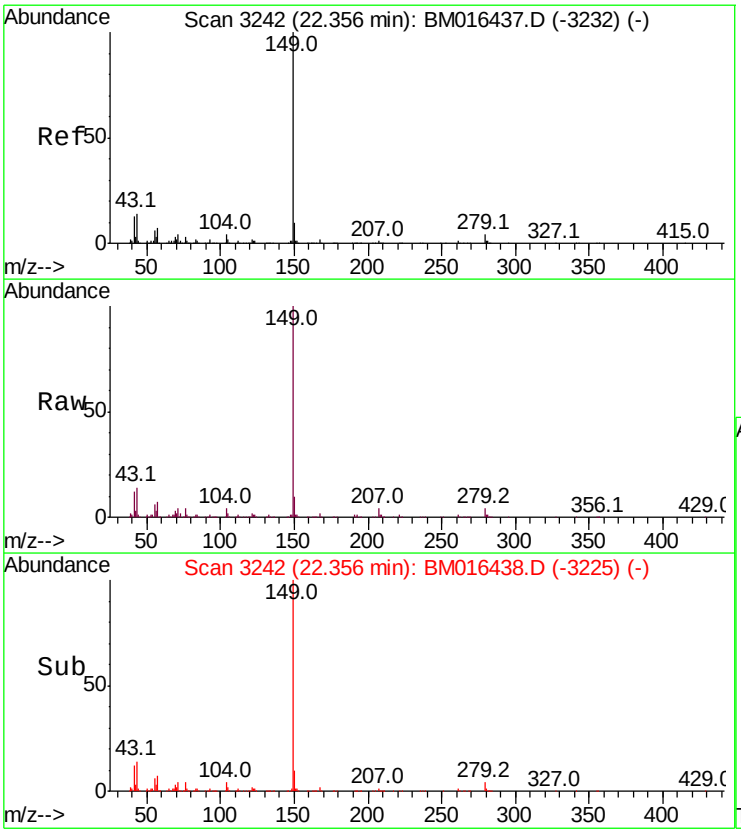
#83
Bis(2-ethylhexyl)phthalate
Concen: 53.064 ng
RT: 21.46 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 315882

Ion	Ratio	Lower	Upper
149	100		
167	22.8	22.4	33.6
279	4.2	3.4	5.0

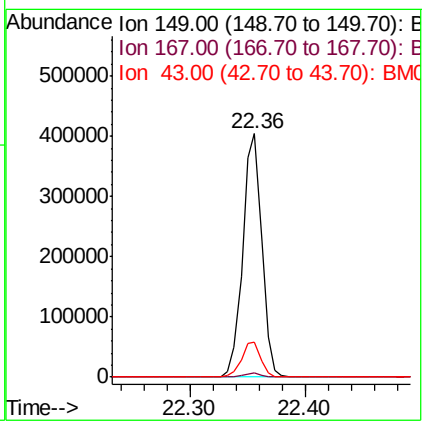


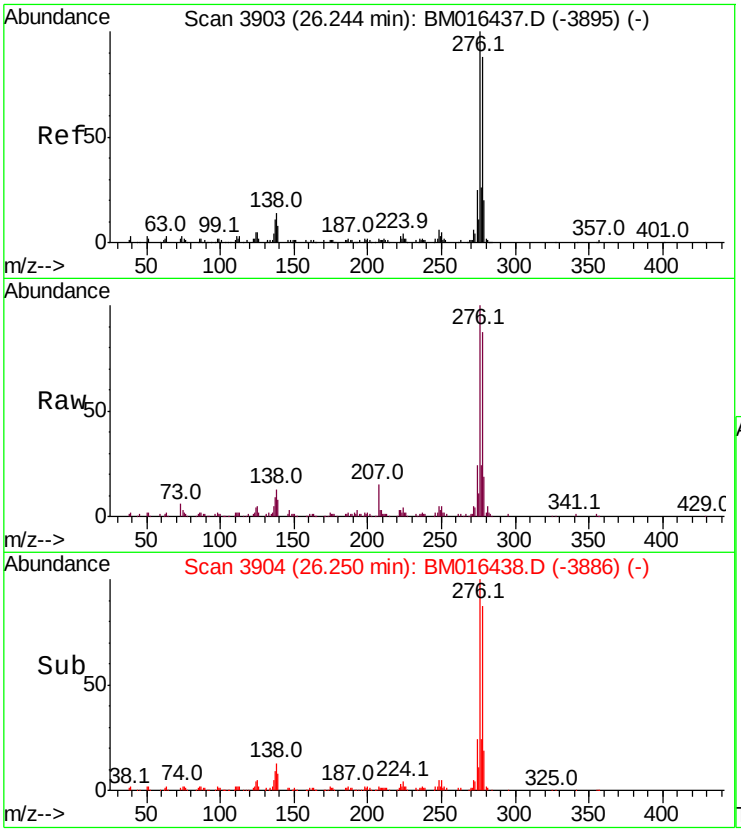


#84
Di-n-octyl phthalate
Concen: 45.868 ng
RT: 22.36 min Scan# 3242
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:149 Resp: 458899

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	14.9	7.3	10.9#



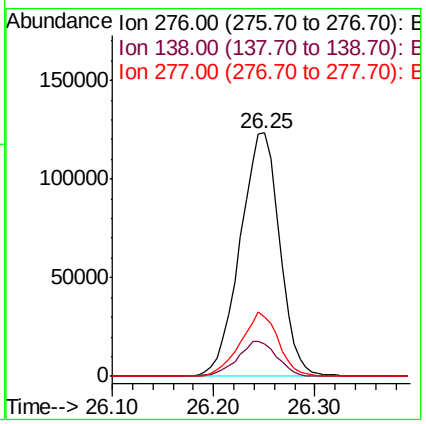


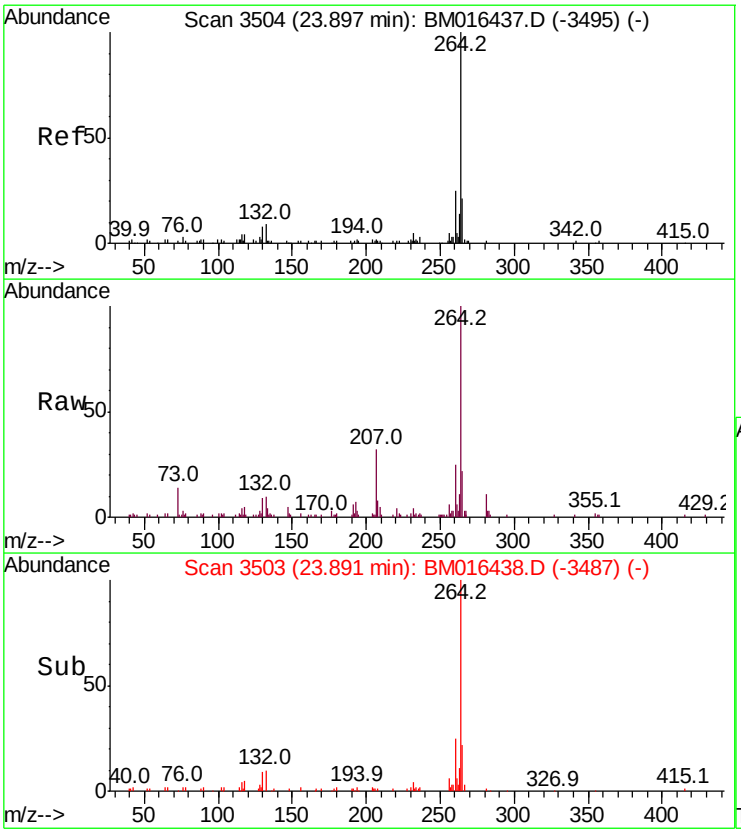
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.376 ng
RT: 26.25 min Scan# 3904
Delta R.T. 0.01 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 334636

Ion	Ratio	Lower	Upper
276	100		
138	14.3	12.0	18.0
277	25.1	20.0	30.0

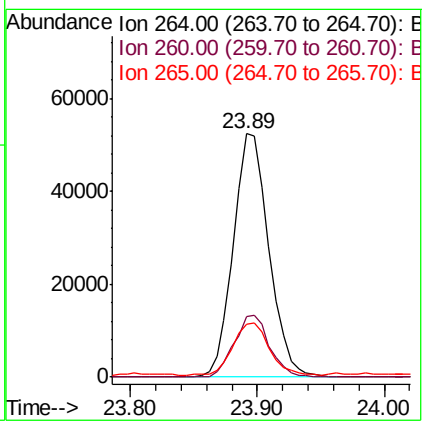


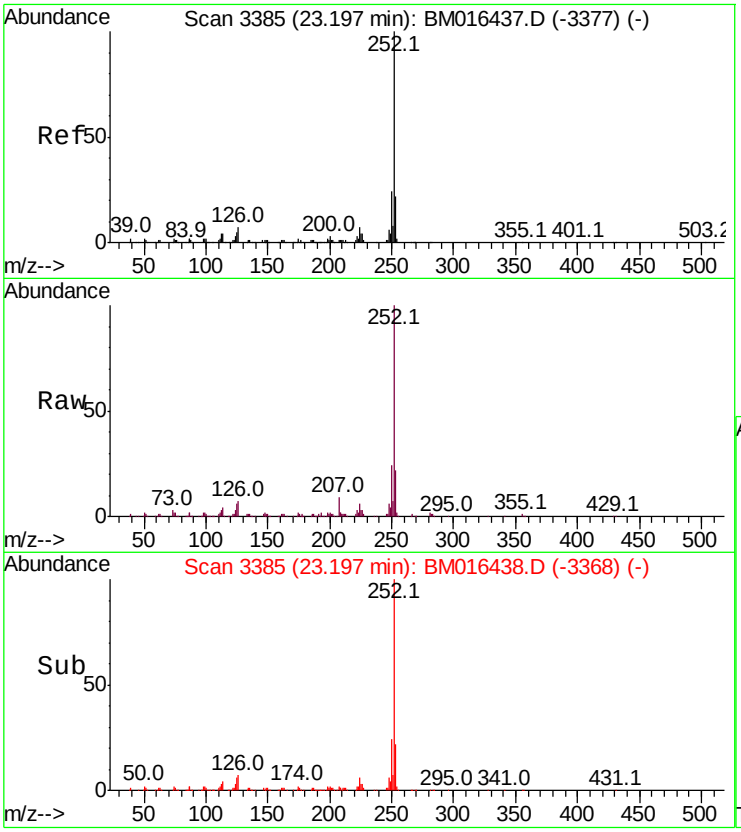


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.89 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:264 Resp: 102021

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	27.8
265	22.0	17.3	25.9



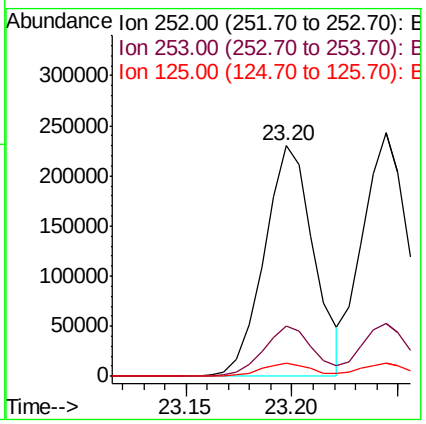


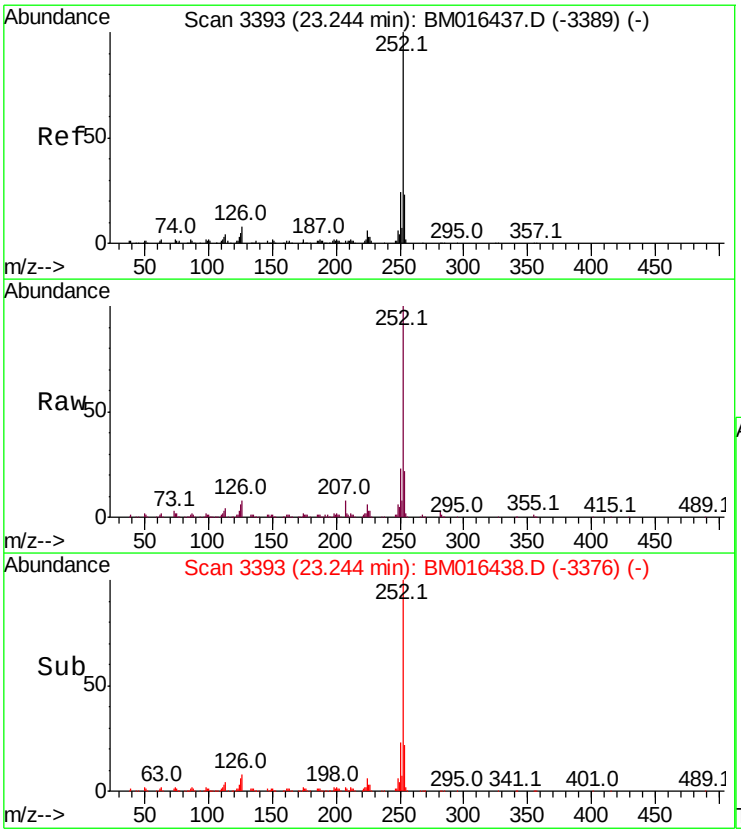
#87
Benzo(b)fluoranthene
Concen: 62.522 ng
RT: 23.20 min Scan# 3385
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 375554

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	5.7	9.9	14.9#

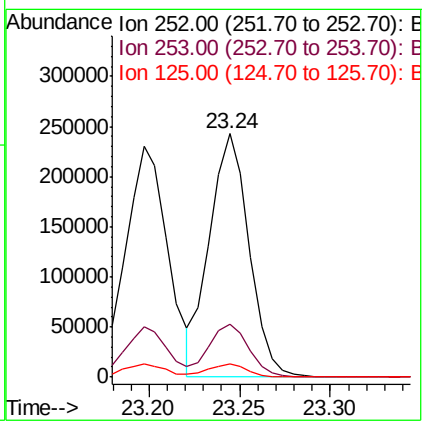


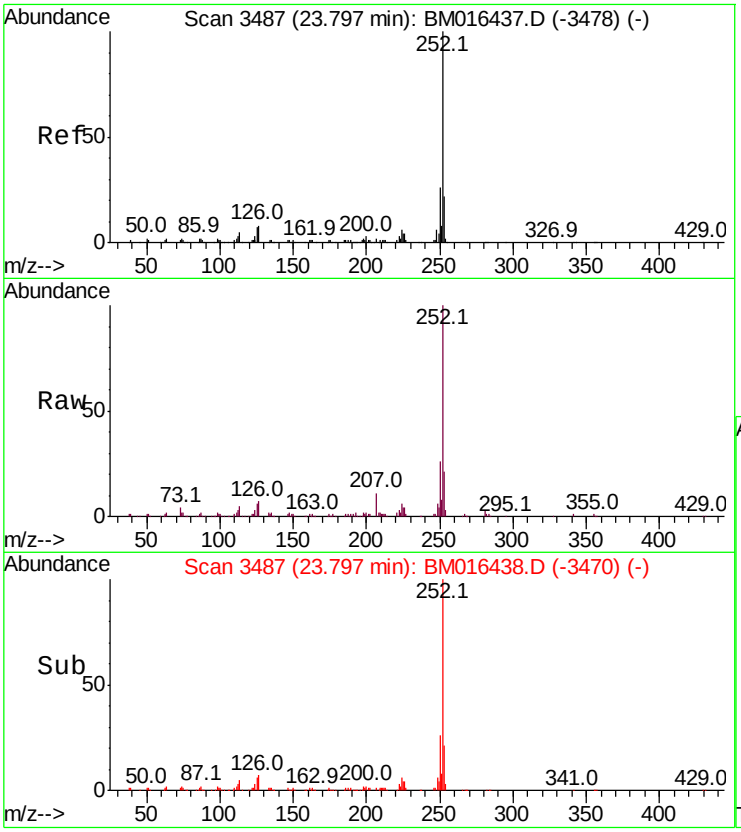


#88
Benzo(k)fluoranthene
Concen: 60.519 ng
RT: 23.24 min Scan# 3393
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:252 Resp: 368409

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	5.5	8.1	12.1#



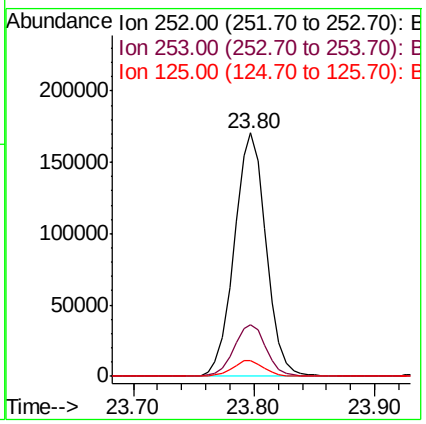


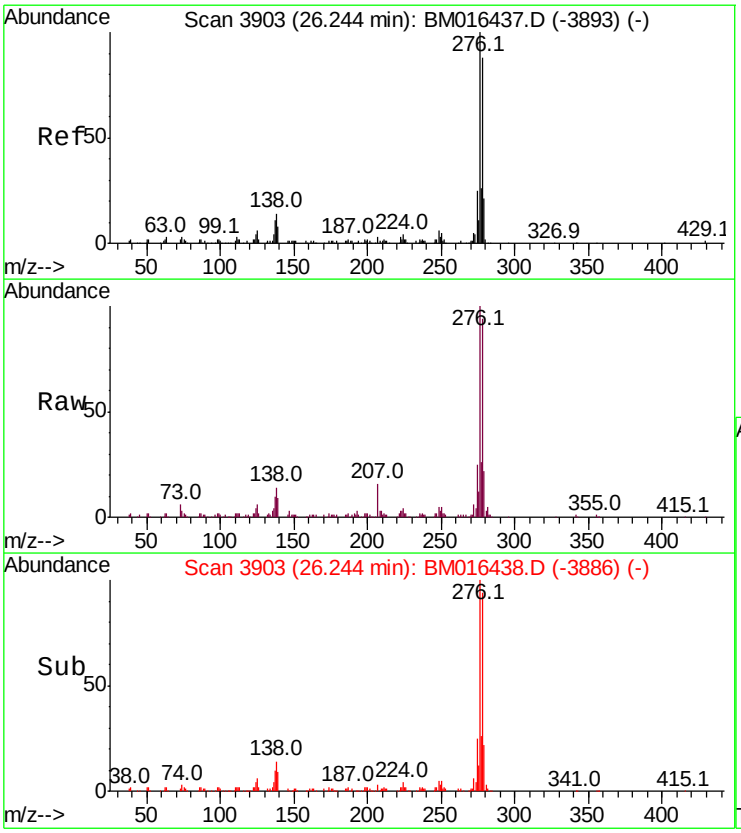
#89
Benzo(a)pyrene
Concen: 54.070 ng
RT: 23.80 min Scan# 3487
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 312231

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	6.3	7.4	11.2#

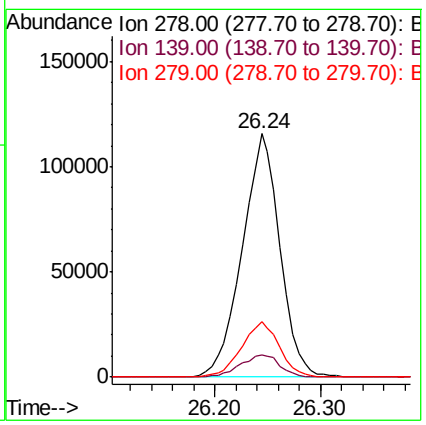


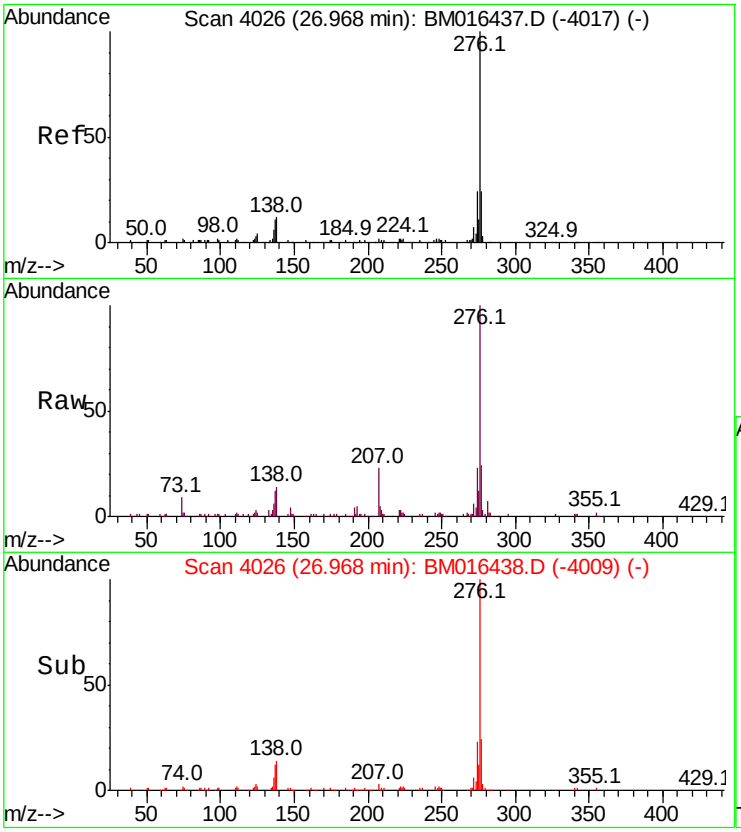


#90
Dibenzo(a,h)anthracene
Concen: 47.805 ng
RT: 26.24 min Scan# 3903
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Tgt Ion:278 Resp: 286011

Ion	Ratio	Lower	Upper
278	100		
139	9.2	13.4	20.0#
279	23.0	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 44.724 ng
RT: 26.97 min Scan# 4026
Delta R.T. -0.00 min
Lab File: BM016438.D
Acq: 17 Aug 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 253076

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.5	27.7
138	13.5	19.0	28.6#