Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112318\
Data File : BM017753.D
Acq On : 23 Nov 2018 10:05
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02063

Quant Time: Nov 23 21:54:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 21 07:44:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	187522	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	889845	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	565407	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1352040	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1539235	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	1441687	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	31383	7.66	ng/uL	0.00
5) Phenol-d5	6.77	99	324798	18.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	195069	18.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	265156	19.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	281872	20.14	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	134536	19.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	154340	19.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	304267	20.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	262183	20.49	ng/ul	-0.01
43) Dimethylphthalate-d6	13.66	166	968202	19.74	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1186153	19.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	161208	18.07	ng/ul	0.00
57) Fluorene-d10	15.24	176	834789	19.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	172755	17.87	ng/ul	0.00
70) Anthracene-d10	17.09	188	1331815	19.79	ng/ul	0.00
78) Pyrene-d10	19.39	212	1495719	20.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	1564043	20.00	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	34355	7.859	ng/uL	91
4) Benzaldehyde	6.76	77	60193	18.849	ng/ul	96
6) Phenol	6.80	94	324754	18.997	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	248286	19.011	ng/ul	97
10) 2-Chlorophenol	7.16	128	264057	19.723	ng/ul	99
11) 2-Methylphenol	8.04	108	258258	19.801	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.12	45	311402	20.209	ng/ul	99
14) Acetophenone	8.41	105	442301	20.278	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.40	70	233546	20.530	ng/ul	99
16) 4-Methylphenol	8.36	108	287438	20.394	ng/ul	100
17) Hexachloroethane	8.65	117	110129	20.288	ng/ul	97
20) Nitrobenzene	8.79	77	344165	20.062	ng/ul	100
21) Isophorone	9.31	82	636238	19.936	ng/ul	99
23) 2-Nitrophenol	9.49	139	162997	19.999	ng/ul	97
24) 2,4-Dimethylphenol	9.55	107	350452	20.584	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.79	93	382814	19.602	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	288778	20.514	ng/ul	99
28) Naphthalene	10.41	128	925673	19.966	ng/ul	99
30) 4-Chloroaniline	10.54	127	270529	20.725	ng/ul	98
31) Hexachlorobutadiene	10.69	225	183897	19.670	ng/ul	98
32) Caprolactam	11.32	113	49769	10.686	ng/ul	97
33) 4-Chloro-3-methylphenol	11.67	107	325193	20.340	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	694648	20.071	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112318\
Data File : BM017753.D
Acq On : 23 Nov 2018 10:05
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02063

Quant Time: Nov 23 21:54:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 21 07:44:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	370348	19.630	ng/ul	98
37) Hexachlorocyclopentadiene	12.37	237	211330	17.370	ng/ul	98
38) 2,4,6-Trichlorophenol	12.66	196	241239	19.675	ng/ul	95
39) 2,4,5-Trichlorophenol	12.73	196	265225	20.226	ng/ul	96
40) 1,1'-Biphenyl	13.06	154	917138	19.705	ng/ul	99
41) 2-Chloronaphthalene	13.10	162	719929	19.774	ng/ul	99
42) 2-Nitroaniline	13.33	65	216928	20.460	ng/ul	98
44) Dimethylphthalate	13.70	163	932475	19.619	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	190674	20.416	ng/ul	97
47) Acenaphthylene	13.96	152	1106594	19.956	ng/ul	100
48) 3-Nitroaniline	14.16	138	173825	19.510	ng/ul	100
49) Acenaphthene	14.30	153	799107	19.996	ng/ul	99
50) 2,4-Dinitrophenol	14.37	184	98562	15.565	ng/ul	93
52) 4-Nitrophenol	14.48	109	139844	19.062	ng/ul	98
53) Dibenzofuran	14.64	168	1135099	20.072	ng/ul	100
54) 2,4-Dinitrotoluene	14.63	165	288023	20.368	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	14.87	232	241171	19.946	ng/ul	96
56) Diethylphthalate	15.08	149	972552	19.863	ng/ul	98
58) Fluorene	15.29	166	952364	20.195	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.29	204	482054	19.900	ng/ul	99
60) 4-Nitroaniline	15.33	138	168628	17.024	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.39	198	178994	17.970	ng/ul	96
64) N-Nitrosodiphenylamine	15.51	169	821537	19.736	ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	302203	19.561	ng/ul	97
66) Hexachlorobenzene	16.29	284	335414	19.532	ng/ul	94
67) Atrazine	16.47	200	294744	19.089	ng/ul	99
68) Pentachlorophenol	16.64	266	197962	18.529	ng/ul	98
69) Phenanthrene	17.03	178	1521603	19.680	ng/ul	99
71) Anthracene	17.13	178	1587987	20.083	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	369763	19.298	ng/uL	99
73) Pentachlorobenzene	14.56	250	381075	19.445	ng/uL	99
74) Carbazole	17.40	167	1366732	19.616	ng/ul	100
75) Di-n-butylphthalate	17.97	149	1696906	19.272	ng/ul	99
76) Fluoranthene	19.06	202	1829300	20.115	ng/ul	100
79) Pyrene	19.43	202	1874245	20.059	ng/ul	99
80) Butylbenzylphthalate	20.34	149	792227	19.828	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.12	252	589831	18.615	ng/ul	99
82) Benzo(a)anthracene	21.18	228	1876804	19.658	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	1181158	19.964	ng/ul	99
84) Chrysene	21.23	228	1795785	20.112	ng/ul	99
86) Di-n-octyl phthalate	21.99	149	1979038	19.599	ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	1847718	20.619	ng/ul	99
88) Benzo(k)fluoranthene	22.77	252	1712561	19.663	ng/ul	99
90) Benzo(a)pyrene	23.28	252	1680506	19.775	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.55	276	1664132	18.481	ng/ul	99
92) Dibenzo(a,h)anthracene	25.56	278	1397225	18.378	ng/ul	99
93) Benzo(g,h,i)perylene	26.21	276	1342069	18.441	ng/ul	99

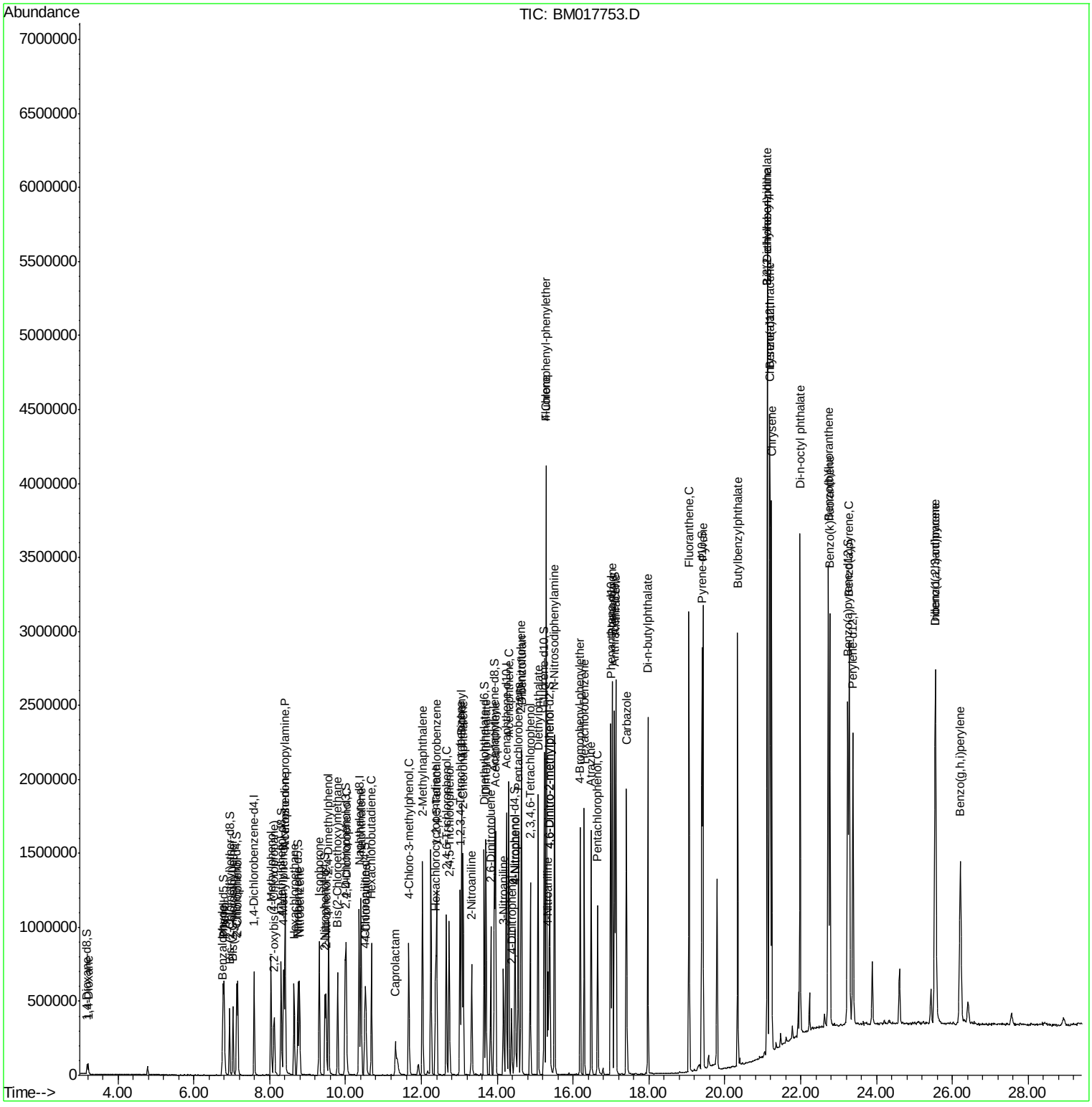
(#) = qualifier out of range (m) = manual integration (+) = signals summed

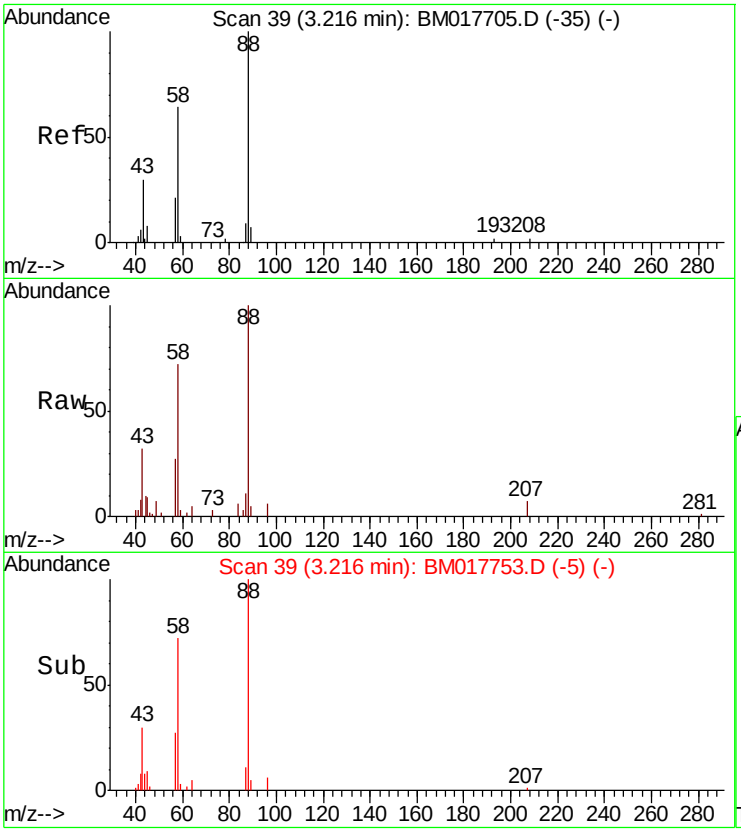
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112318\
Data File : BM017753.D
Acq On : 23 Nov 2018 10:05
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Quant Time: Nov 23 21:54:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 21 07:44:17 2018
Response via : Initial Calibration



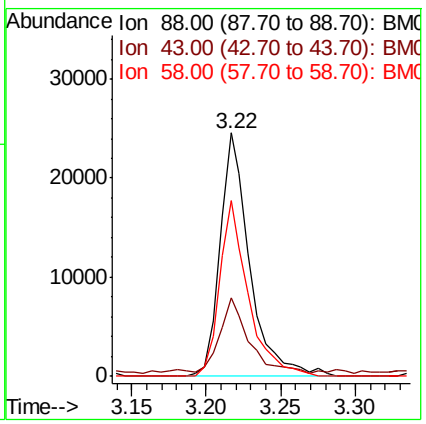


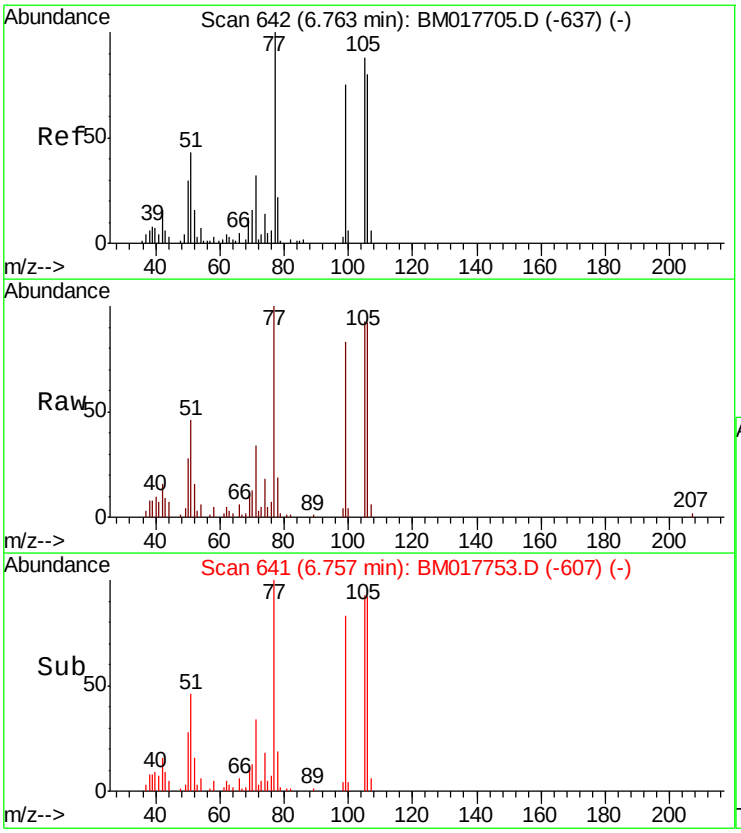
#2
1,4-Dioxane
Concen: 7.859 ng/uL
RT: 3.22 min Scan# 39
Delta R.T. -0.00 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion: 88 Resp: 34355

Ion	Ratio	Lower	Upper
88	100		
43	32.0	27.4	41.0
58	72.1	50.2	75.4

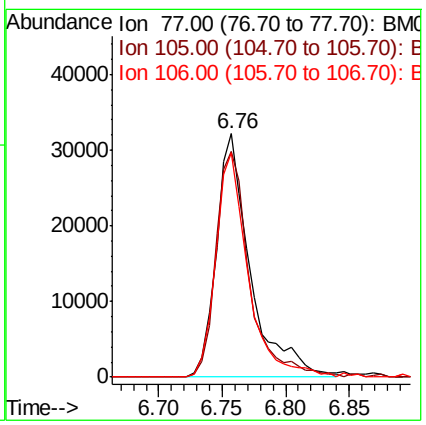


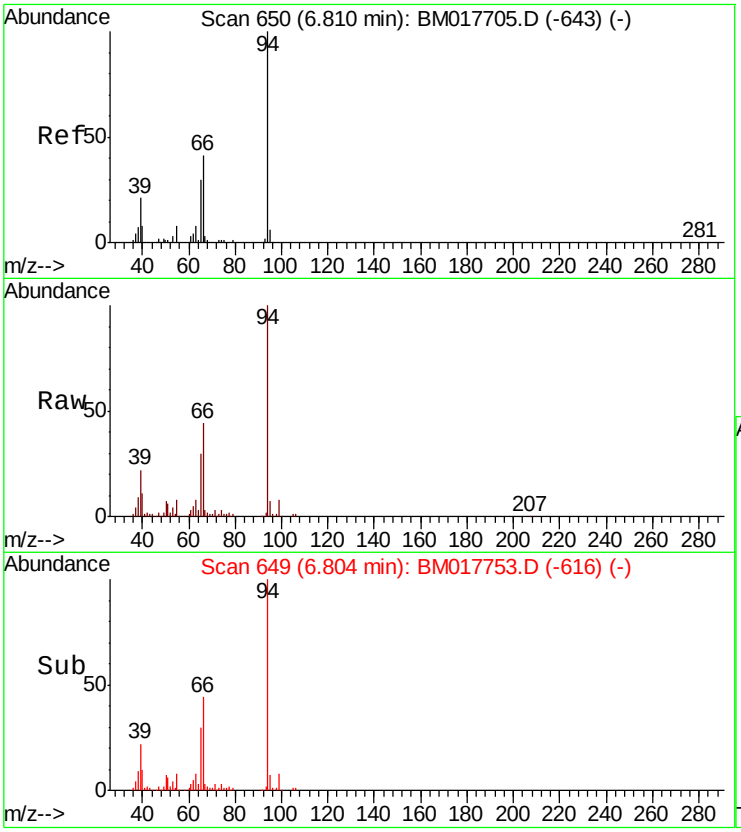


#4
Benzaldehyde
Concen: 18.849 ng/ul
RT: 6.76 min Scan# 641
Delta R.T. -0.00 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion: 77 Resp: 60193

Ion	Ratio	Lower	Upper
77	100		
105	92.8	74.4	111.6
106	92.2	67.4	101.2



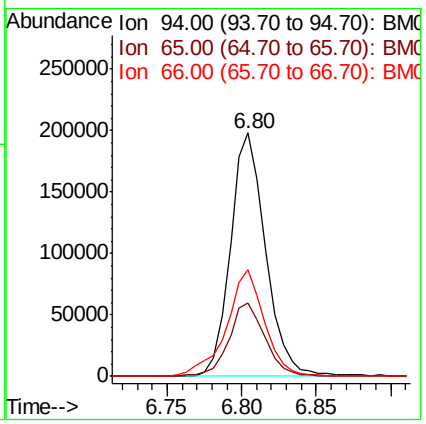


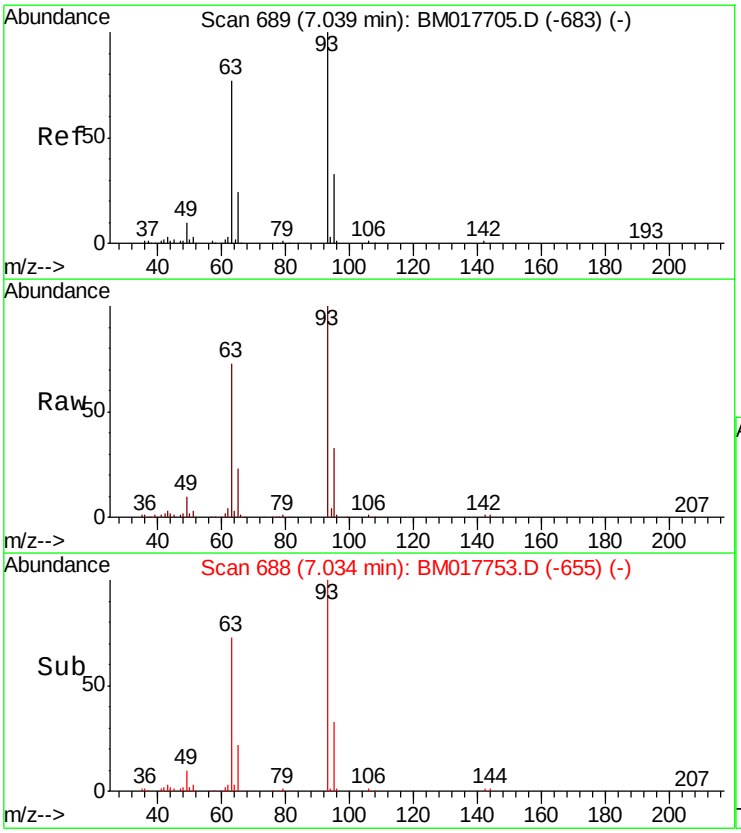
#6
Phenol
Concen: 18.997 ng/ul
RT: 6.80 min Scan# 649
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion: 94 Resp: 324754

Ion	Ratio	Lower	Upper
94	100		
65	30.0	24.7	37.1
66	43.9	34.6	51.8

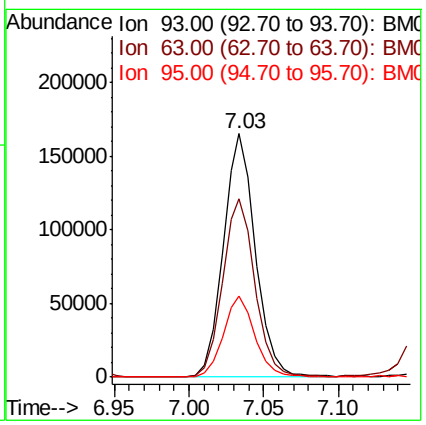


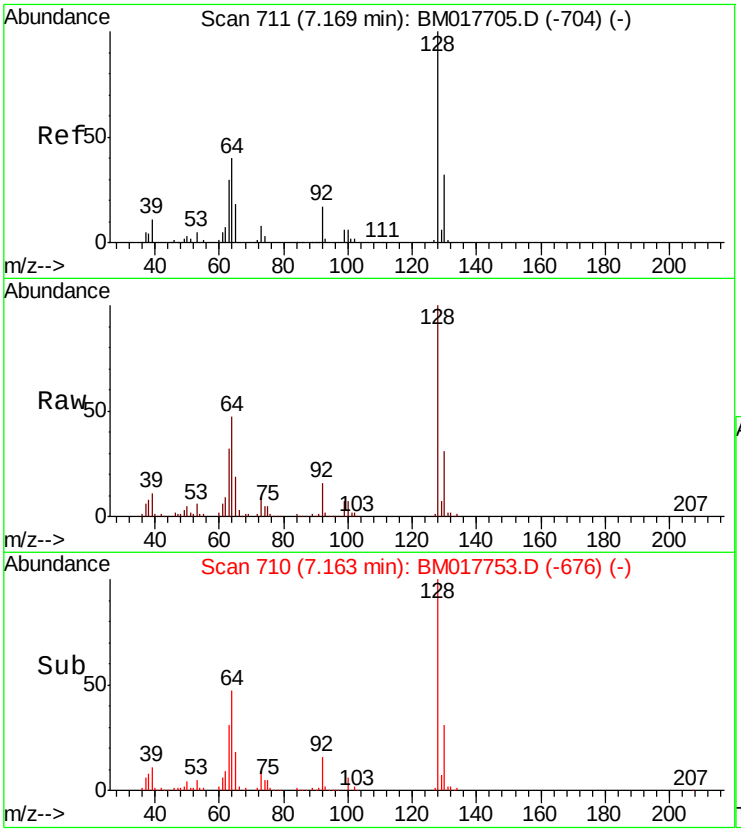


#8
Bis(2-Chloroethyl)ether
Concen: 19.011 ng/ul
RT: 7.03 min Scan# 688
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion: 93 Resp: 248286

Ion	Ratio	Lower	Upper
93	100		
63	73.3	60.6	90.8
95	33.3	25.4	38.2



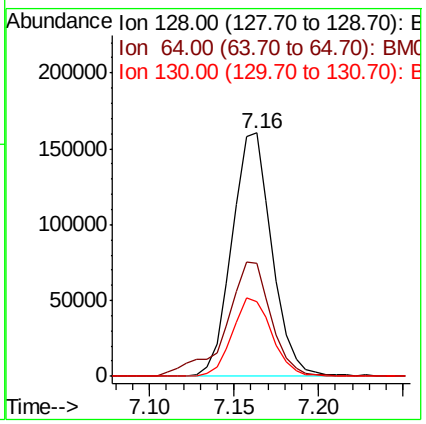


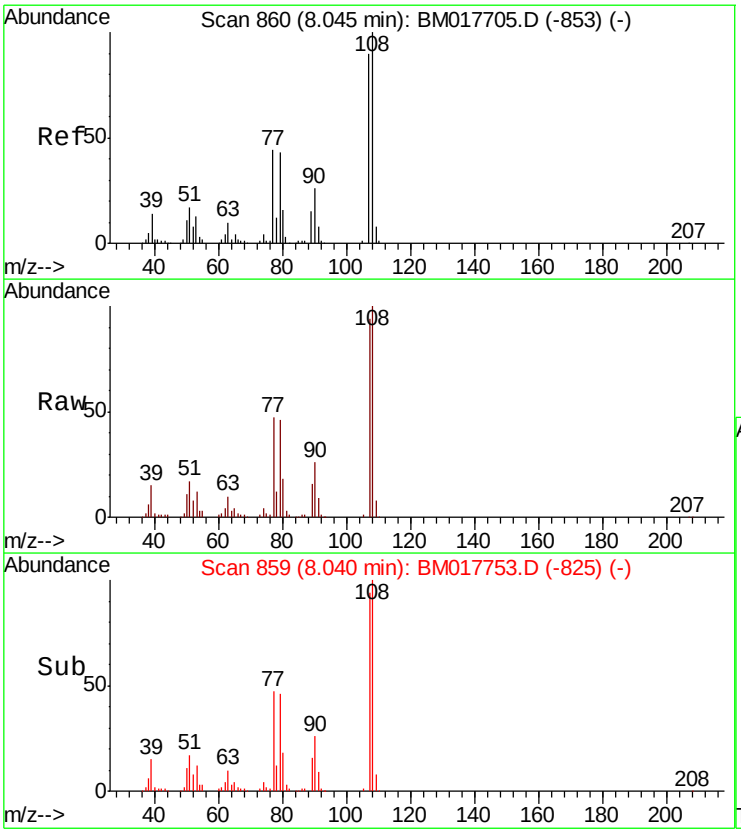
#10
2-Chlorophenol
Concen: 19.723 ng/ul
RT: 7.16 min Scan# 710
Delta R.T. -0.00 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:128 Resp: 264057

Ion	Ratio	Lower	Upper
128	100		
64	46.7	36.8	55.2
130	30.8	25.0	37.4

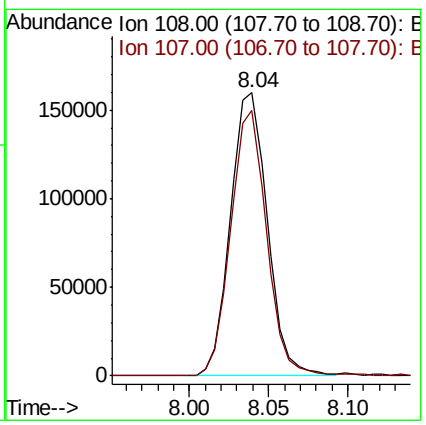


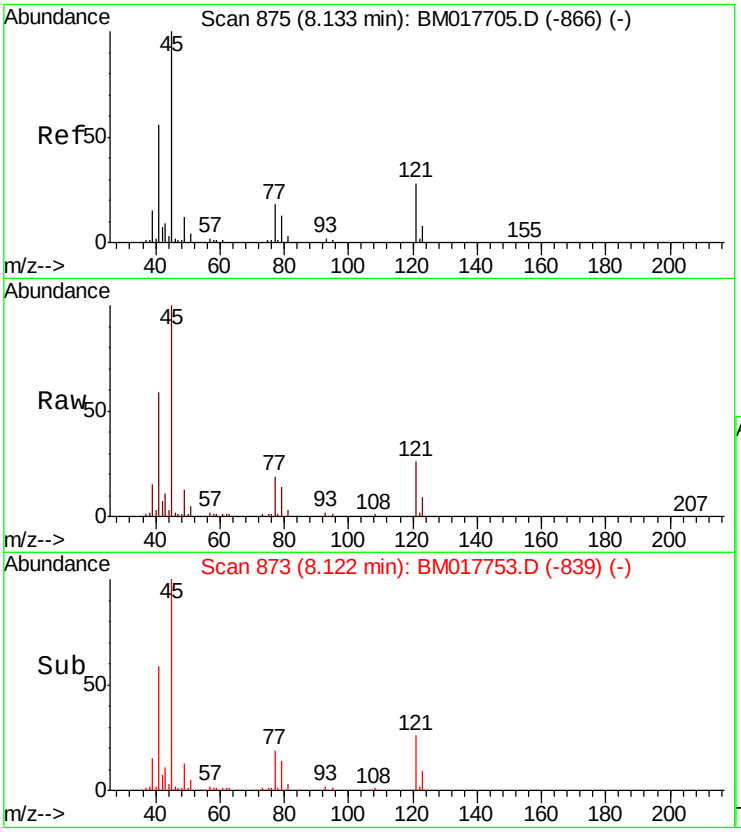


#11
2-Methylphenol
Concen: 19.801 ng/ul
RT: 8.04 min Scan# 859
Delta R.T. -0.00 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:108 Resp: 258258

Ion	Ratio	Lower	Upper
108	100		
107	93.8	70.8	106.2



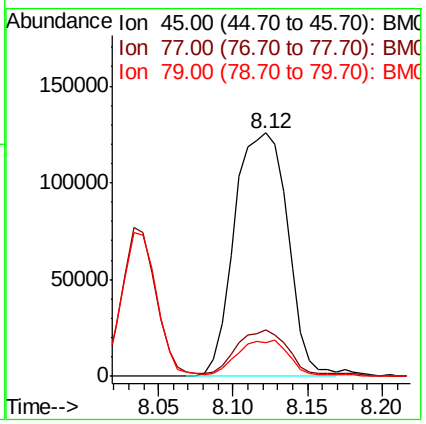


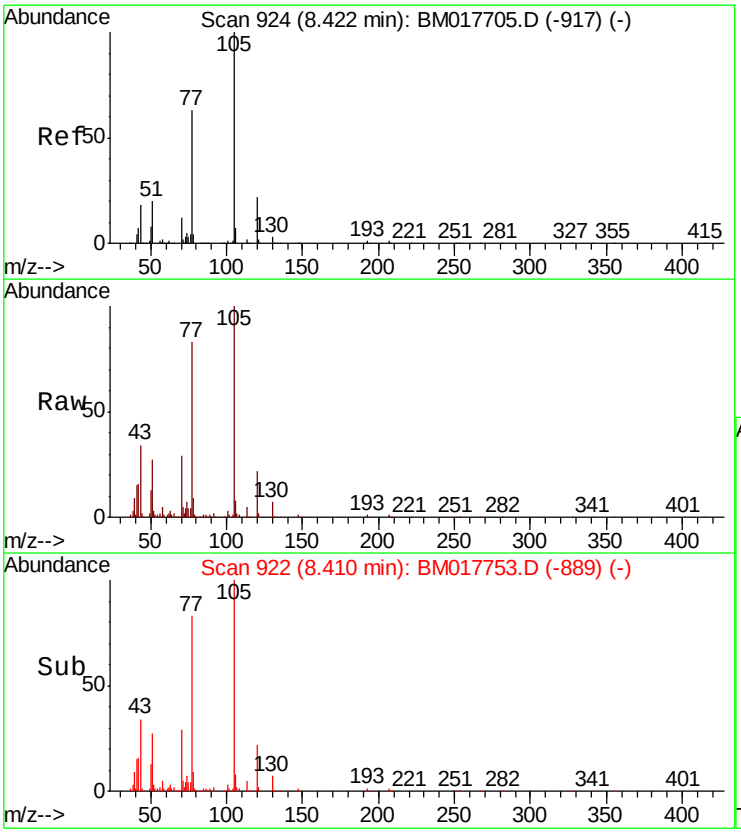
#12
2,2'-oxybis(1-Chloropropane)
Concen: 20.209 ng/ul
RT: 8.12 min Scan# 873
Delta R.T. -0.00 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion: 45 Resp: 311402

Ion	Ratio	Lower	Upper
45	100		
77	19.2	15.3	22.9
79	13.9	11.4	17.0

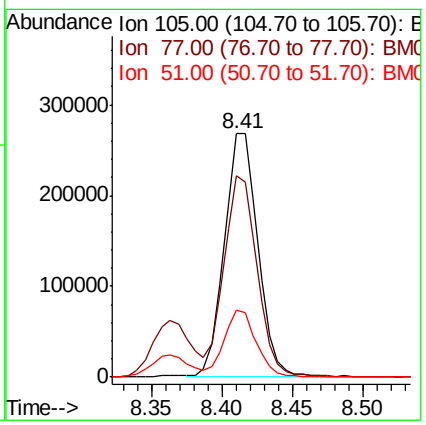


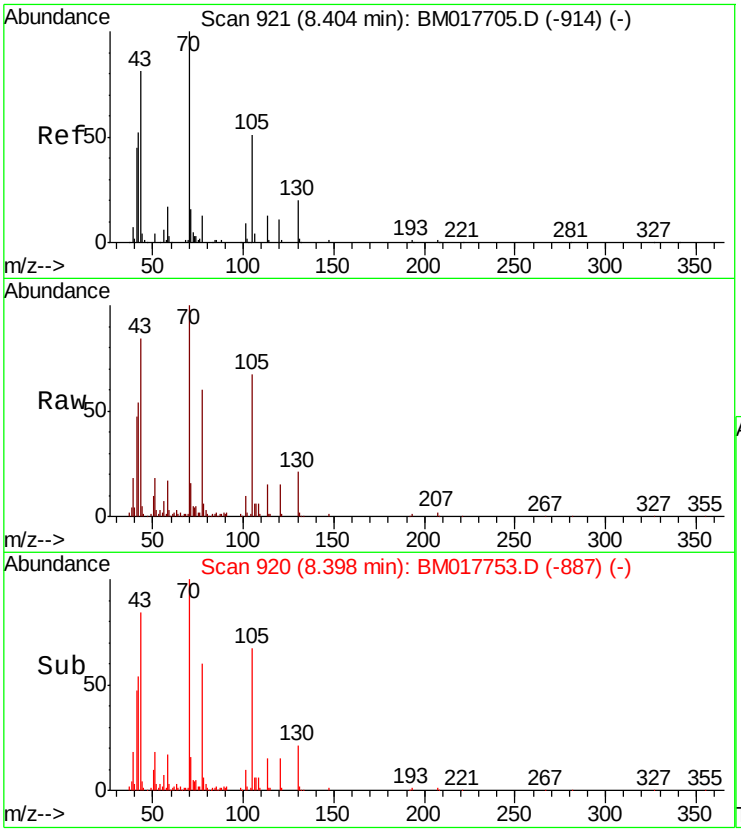


#14
Acetophenone
Concen: 20.278 ng/ul
RT: 8.41 min Scan# 922
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:105 Resp: 442301

Ion	Ratio	Lower	Upper
105	100		
77	82.9	63.0	94.6
51	27.4	21.3	31.9



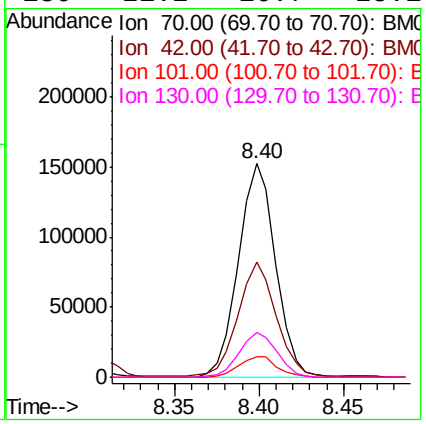


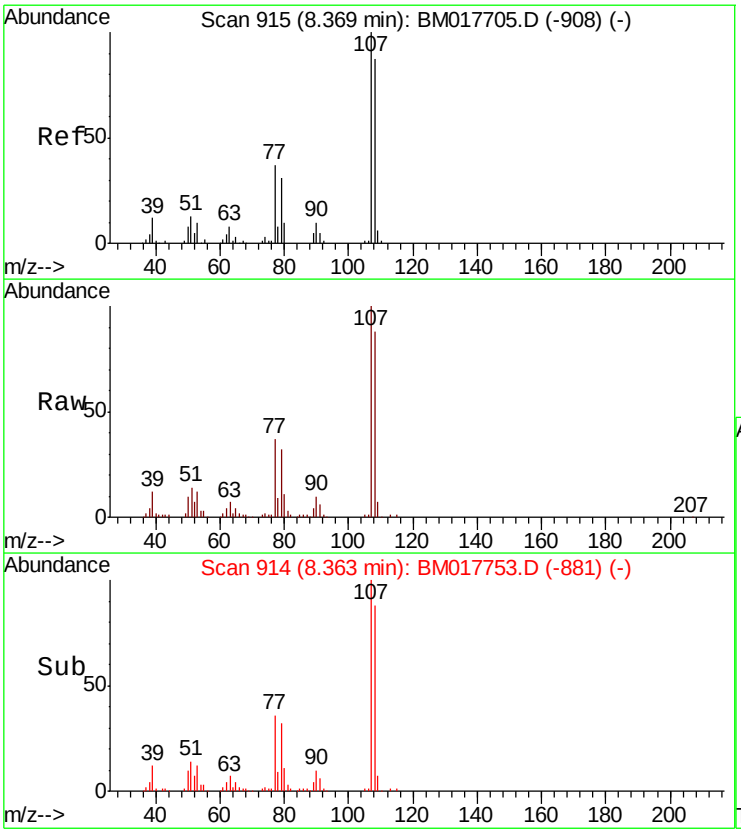
#15
N-Nitroso-di-n-propylamine
Concen: 20.530 ng/ul
RT: 8.40 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion: 70 Resp: 233546

Ion	Ratio	Lower	Upper
70	100		
42	54.0	42.7	64.1
101	9.9	7.6	11.4
130	21.2	16.7	25.1

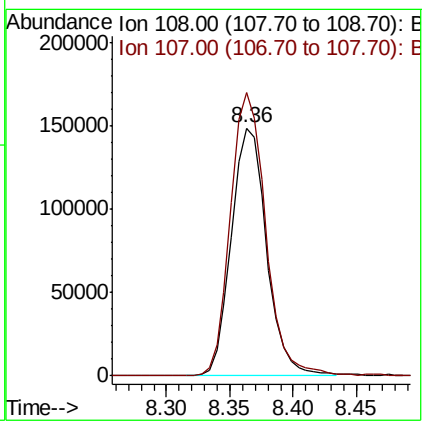


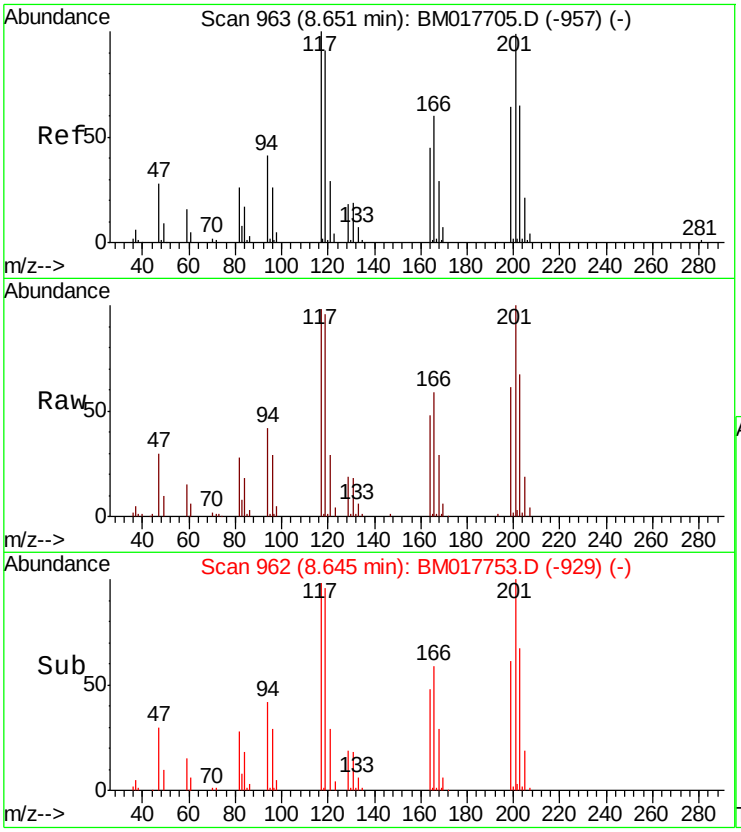


#16
4-Methylphenol
Concen: 20.394 ng/ul
RT: 8.36 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:108 Resp: 287438

Ion	Ratio	Lower	Upper
108	100		
107	114.2	91.3	136.9



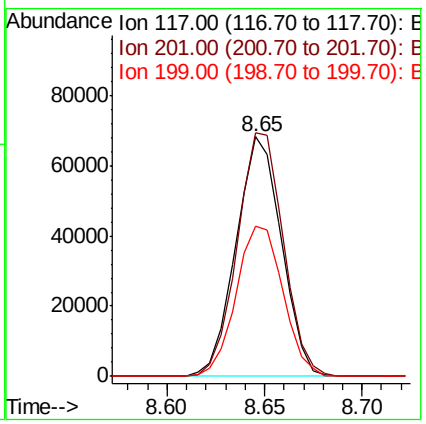


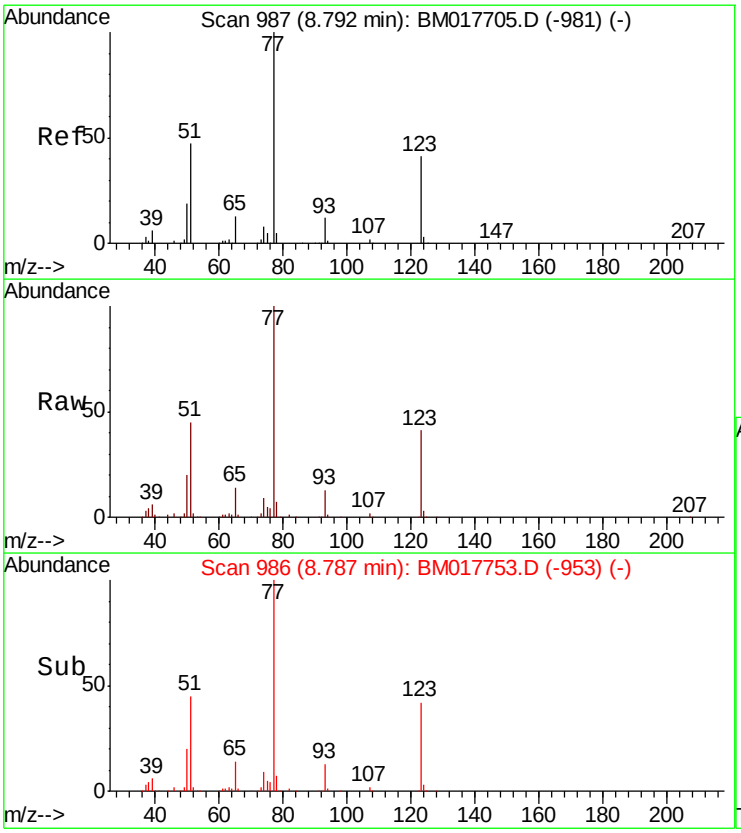
#17
Hexachloroethane
Concen: 20.288 ng/ul
RT: 8.65 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:117 Resp: 110129

Ion	Ratio	Lower	Upper
117	100		
201	101.6	78.2	117.2
199	62.4	49.5	74.3

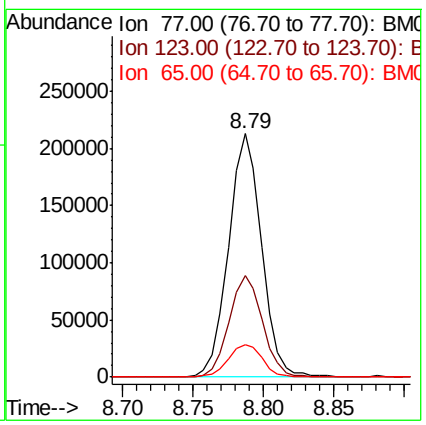


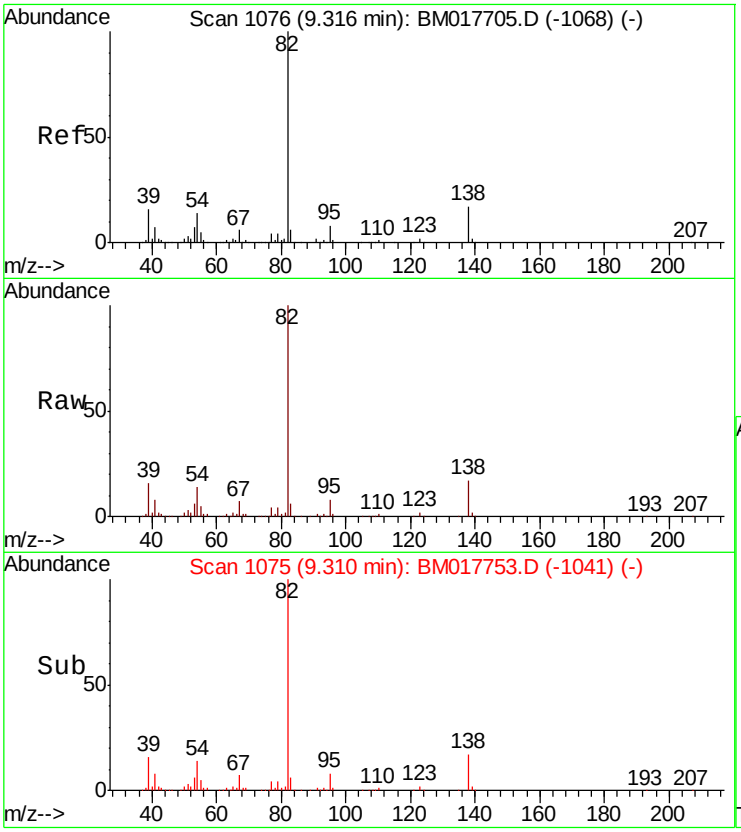


#20
Nitrobenzene
Concen: 20.062 ng/ul
RT: 8.79 min Scan# 986
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion: 77 Resp: 344165

Ion	Ratio	Lower	Upper
77	100		
123	41.5	33.1	49.7
65	13.6	11.0	16.6



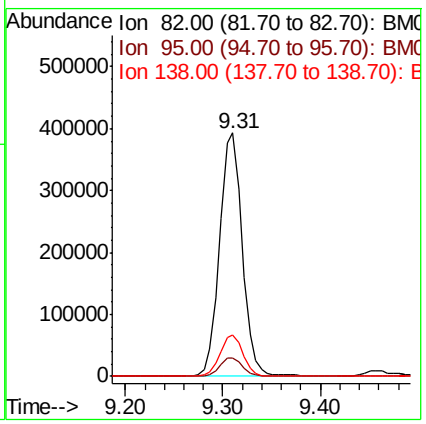


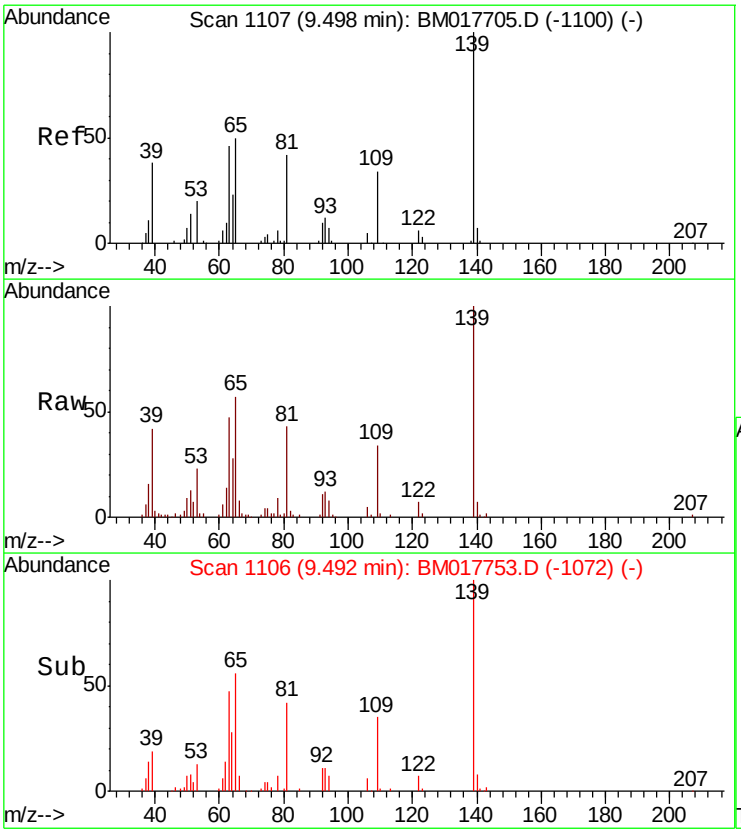
#21
Isophorone
Concen: 19.936 ng/ul
RT: 9.31 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion: 82 Resp: 636238

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.1	9.1
138	17.1	14.2	21.2

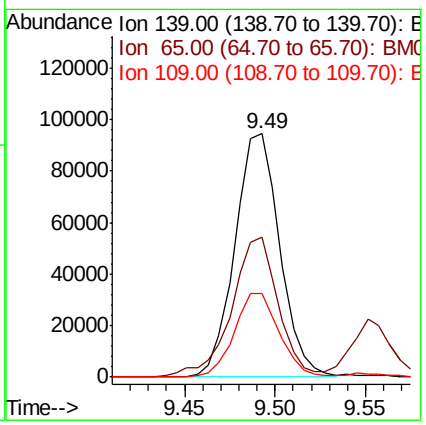


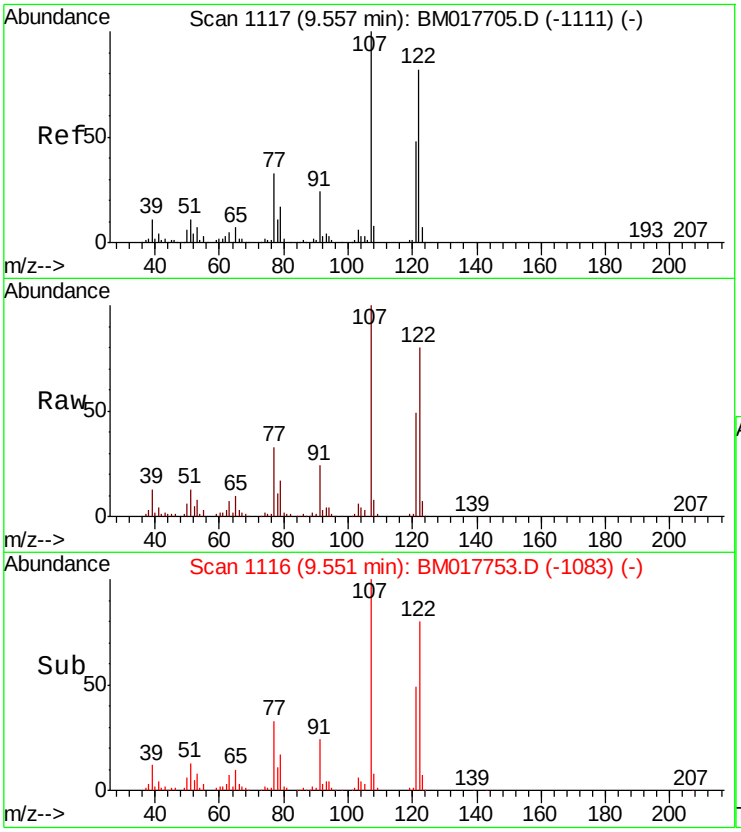


#23
2-Nitrophenol
Concen: 19.999 ng/ul
RT: 9.49 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:139 Resp: 162997

Ion	Ratio	Lower	Upper
139	100		
65	57.3	44.2	66.4
109	34.2	26.4	39.6



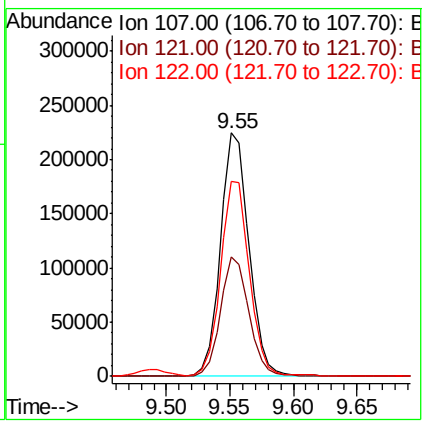


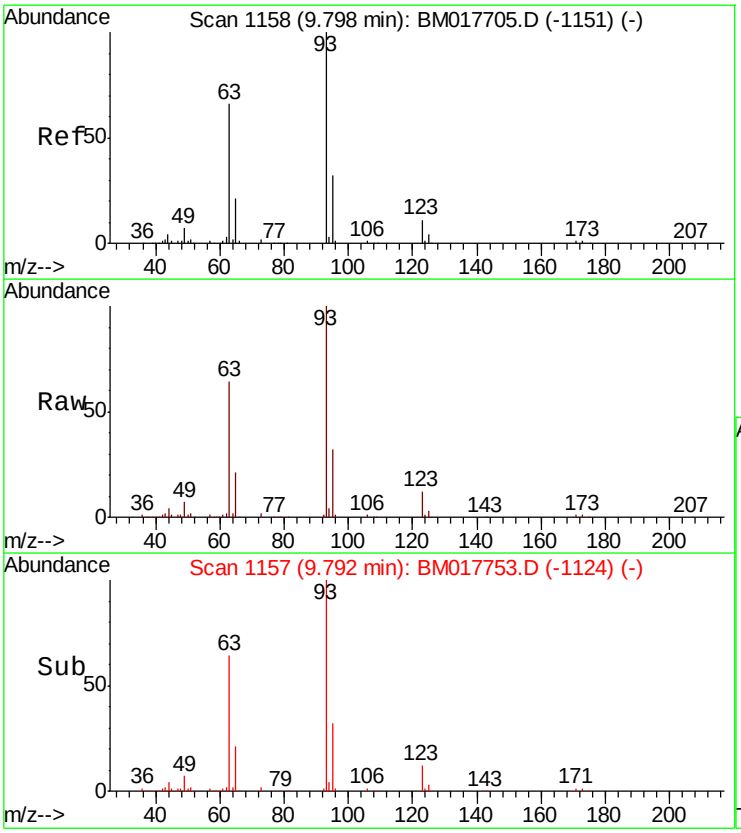
#24
2,4-Dimethylphenol
Concen: 20.584 ng/ul
RT: 9.55 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:107 Resp: 350452

Ion	Ratio	Lower	Upper
107	100		
121	49.2	39.6	59.4
122	80.3	68.1	102.1

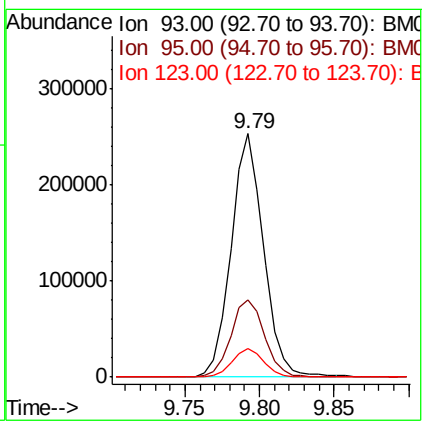


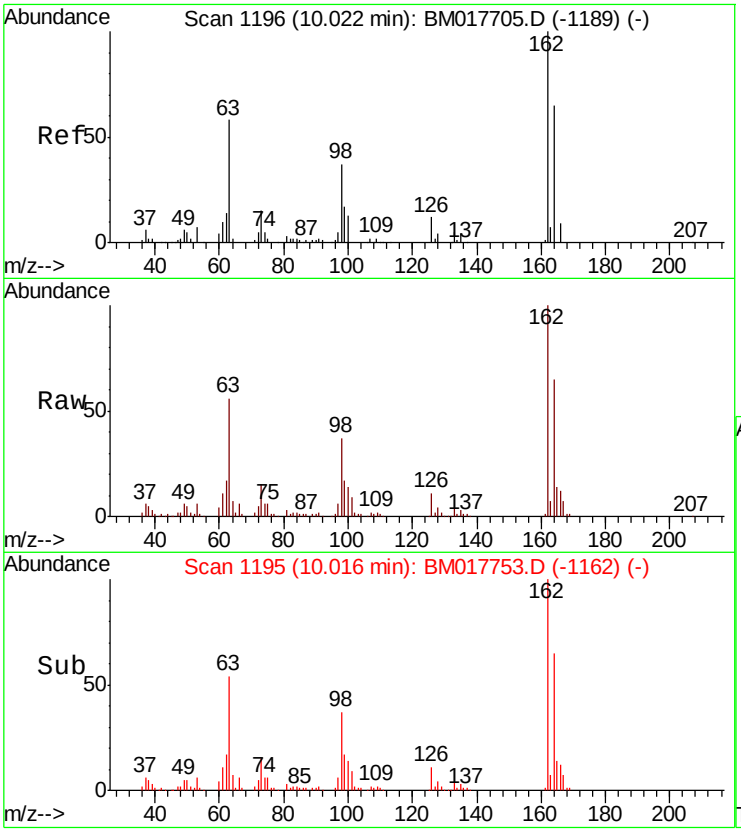


#25
Bis(2-Chloroethoxy)methane
Concen: 19.602 ng/ul
RT: 9.79 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion: 93 Resp: 382814

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.0	39.0
123	11.6	9.0	13.4



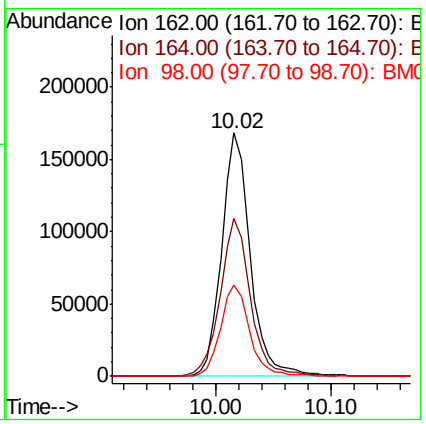


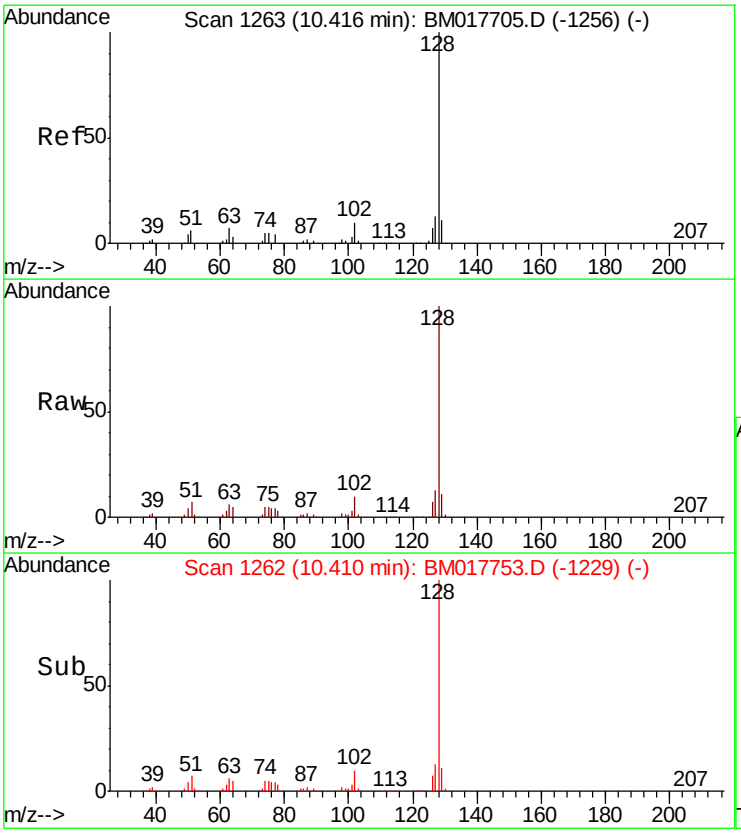
#27
2,4-Dichlorophenol
Concen: 20.514 ng/ul
RT: 10.02 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:162 Resp: 288778

Ion	Ratio	Lower	Upper
162	100		
164	64.9	51.8	77.8
98	37.3	29.0	43.6

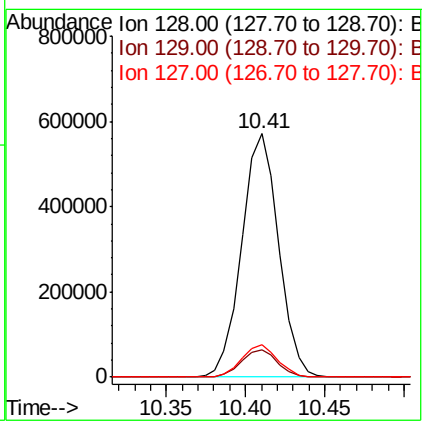


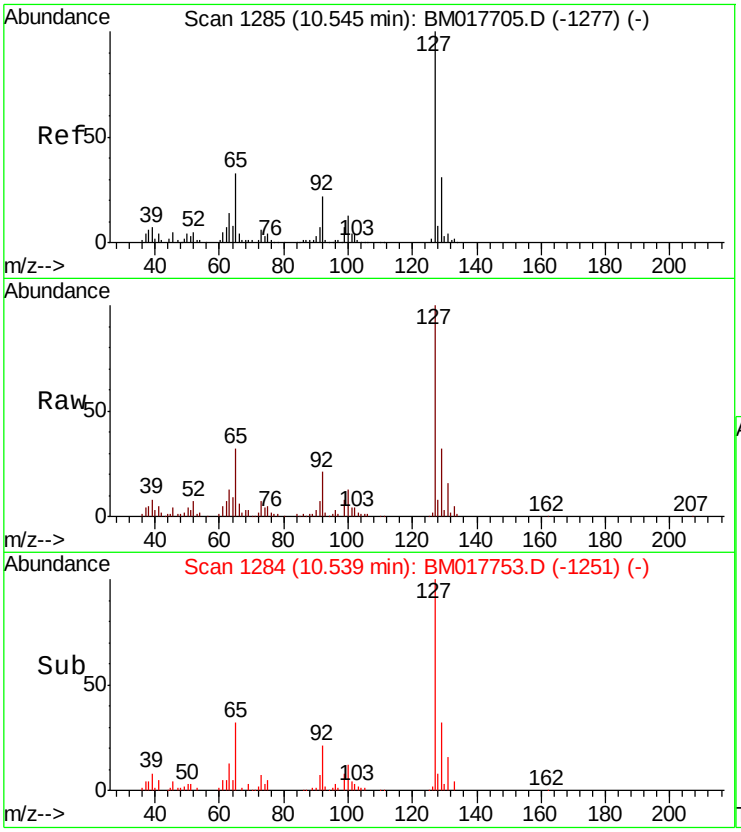


#28
Naphthalene
Concen: 19.966 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:128 Resp: 925673

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.3	10.8	16.2



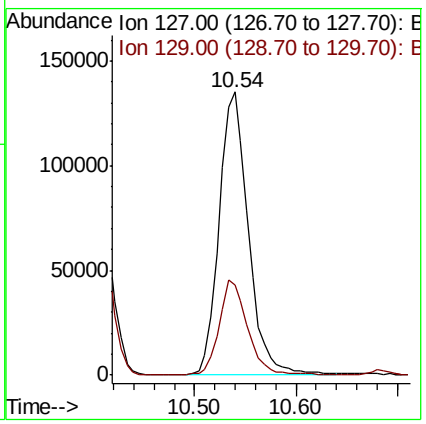


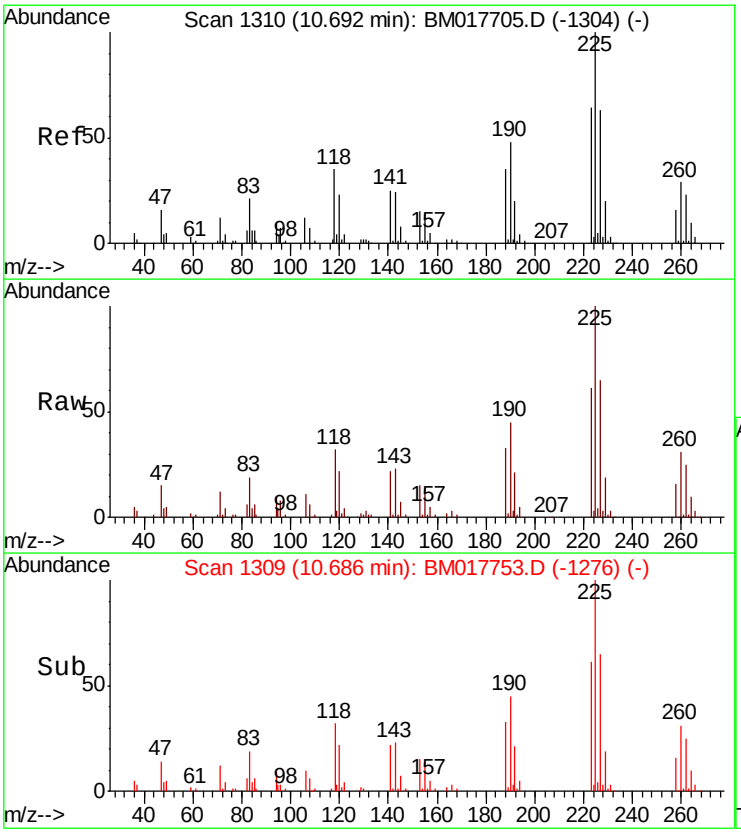
#30
4-Chloroaniline
Concen: 20.725 ng/ul
RT: 10.54 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:127 Resp: 270529

Ion	Ratio	Lower	Upper
127	100		
129	31.9	24.6	37.0

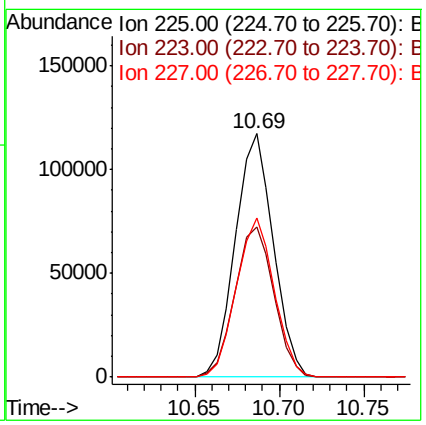


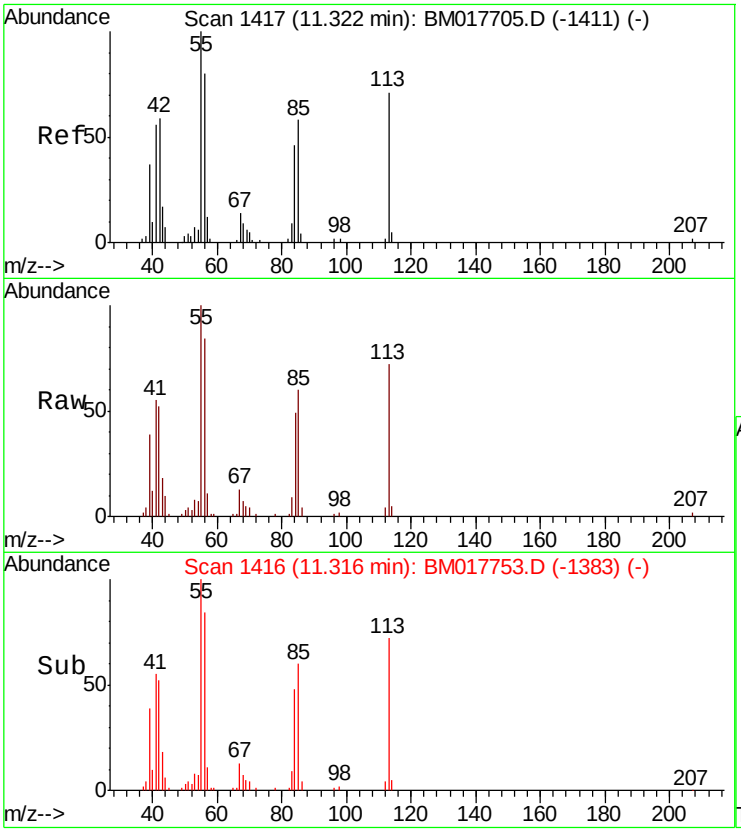


#31
Hexachlorobutadiene
Concen: 19.670 ng/ul
RT: 10.69 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:225 Resp: 183897

Ion	Ratio	Lower	Upper
225	100		
223	61.4	48.8	73.2
227	65.1	50.3	75.5



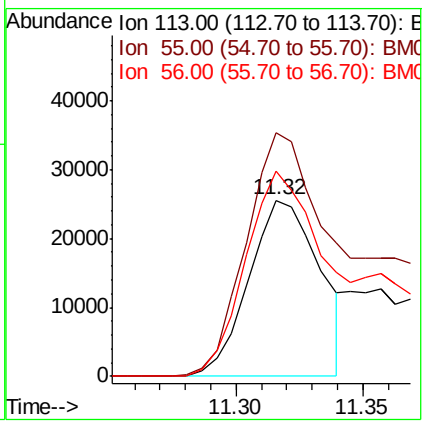


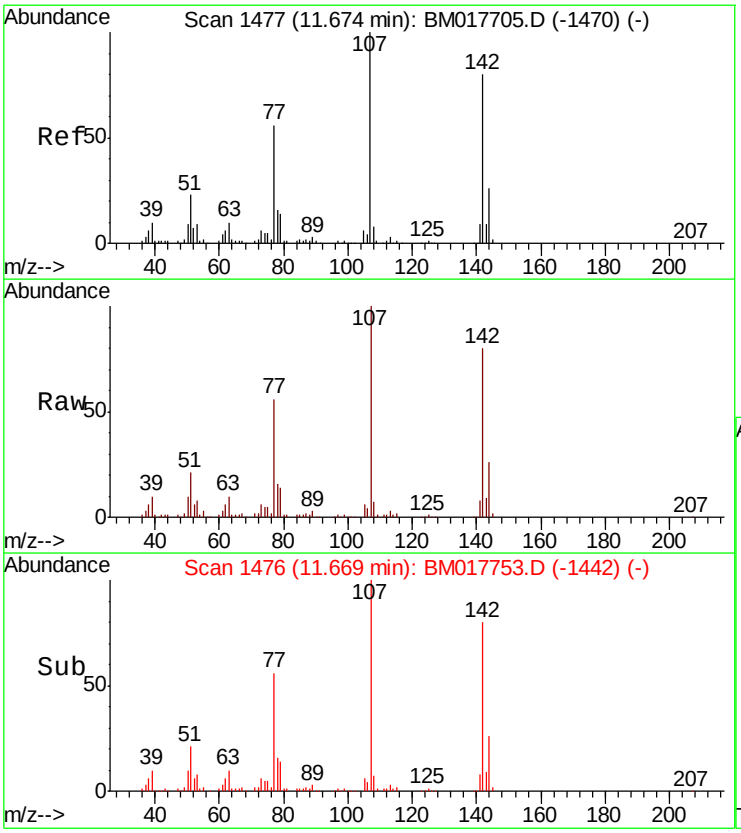
#32
Caprolactam
Concen: 10.686 ng/ul
RT: 11.32 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:113 Resp: 49769

Ion	Ratio	Lower	Upper
113	100		
55	138.5	110.6	166.0
56	116.8	88.2	132.4

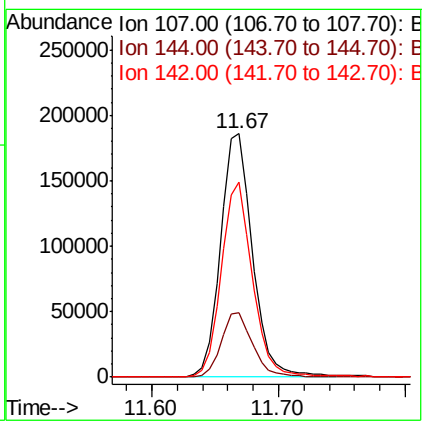


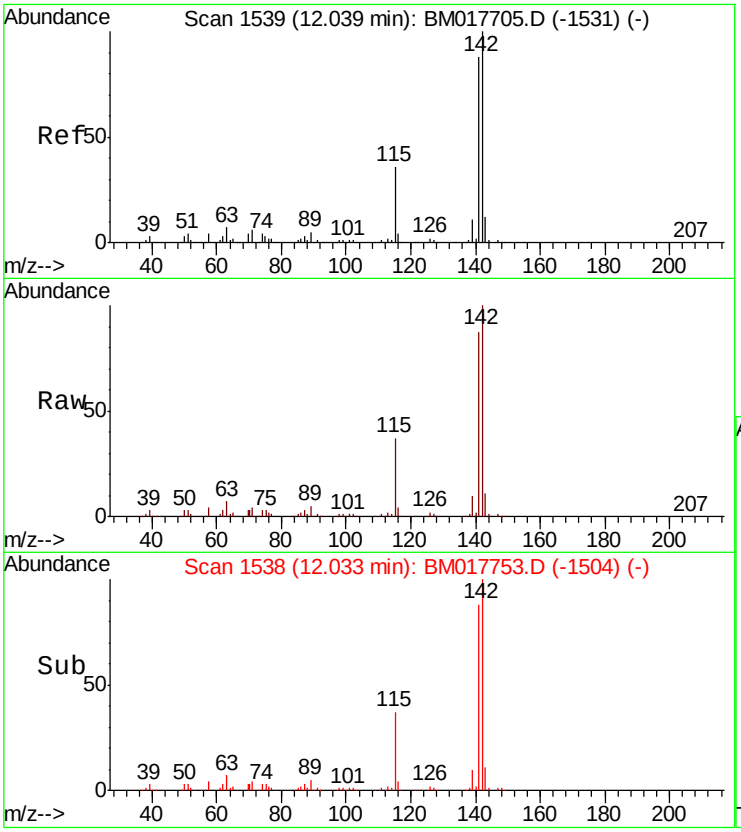


#33
4-Chloro-3-methylphenol
Concen: 20.340 ng/ul
RT: 11.67 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:107 Resp: 325193

Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.1	31.7
142	80.1	63.0	94.6



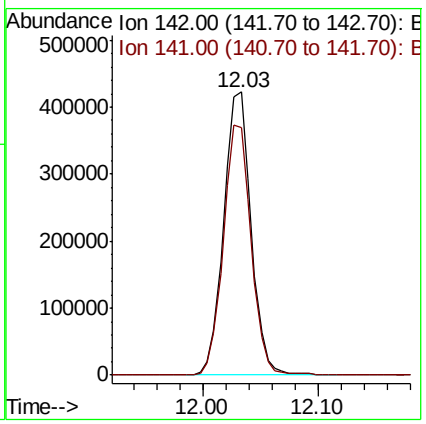


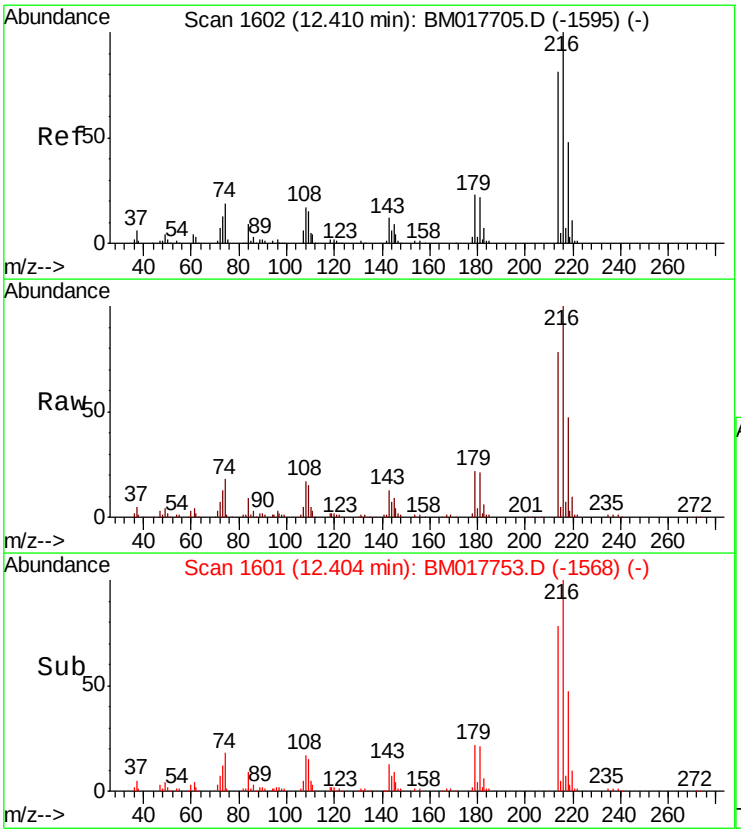
#34
2-Methylnaphthalene
Concen: 20.071 ng/ul
RT: 12.03 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:142 Resp: 694648

Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.6	108.8

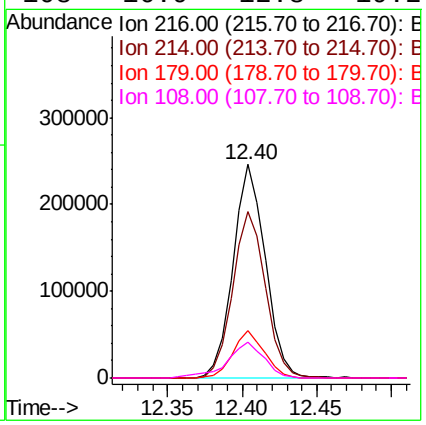


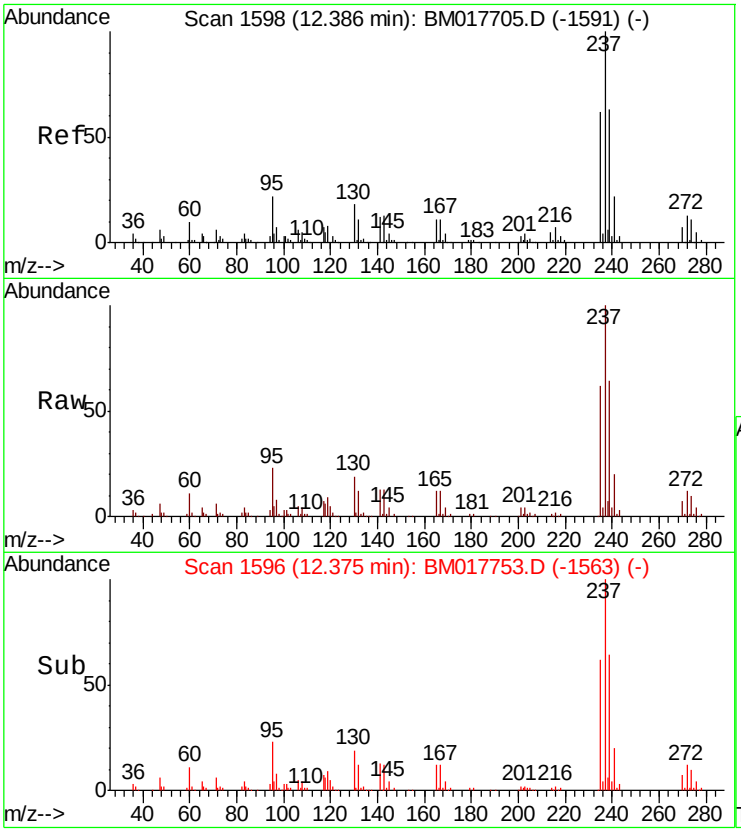


#36
1,2,4,5-Tetrachlorobenzene
Concen: 19.630 ng/ul
RT: 12.40 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:216 Resp: 370348

Ion	Ratio	Lower	Upper
216	100		
214	77.9	61.3	91.9
179	21.9	17.0	25.4
108	16.9	12.8	19.2



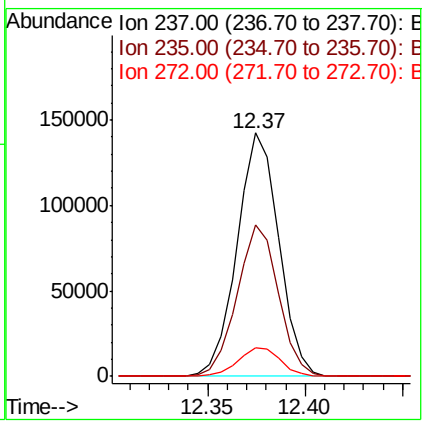


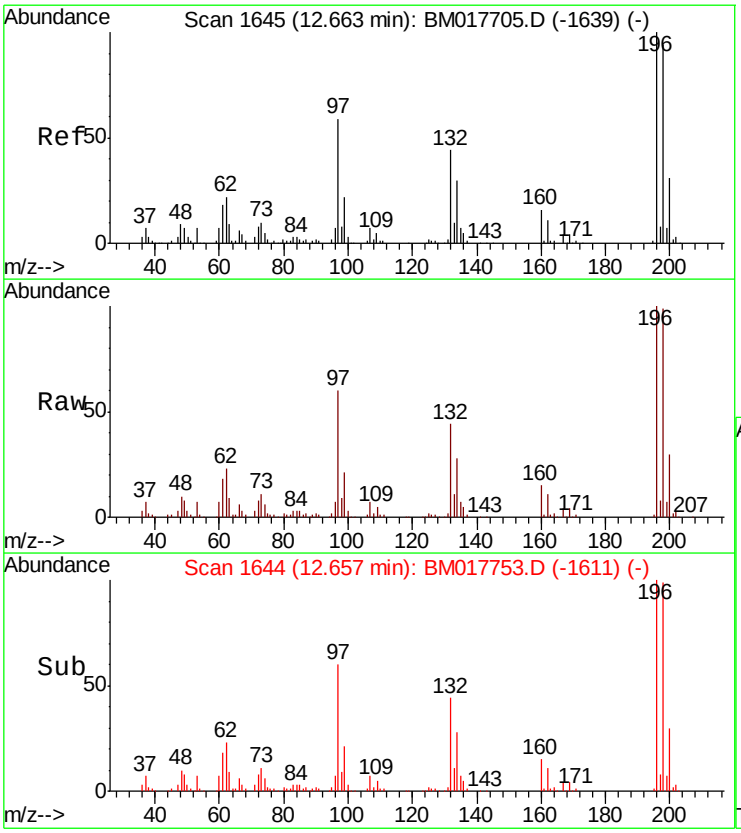
#37
Hexachlorocyclopentadiene
Concen: 17.370 ng/ul
RT: 12.37 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:237 Resp: 211330

Ion	Ratio	Lower	Upper
237	100		
235	62.4	48.6	73.0
272	11.8	9.4	14.0

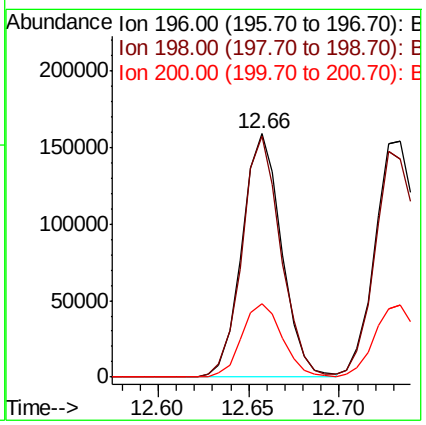


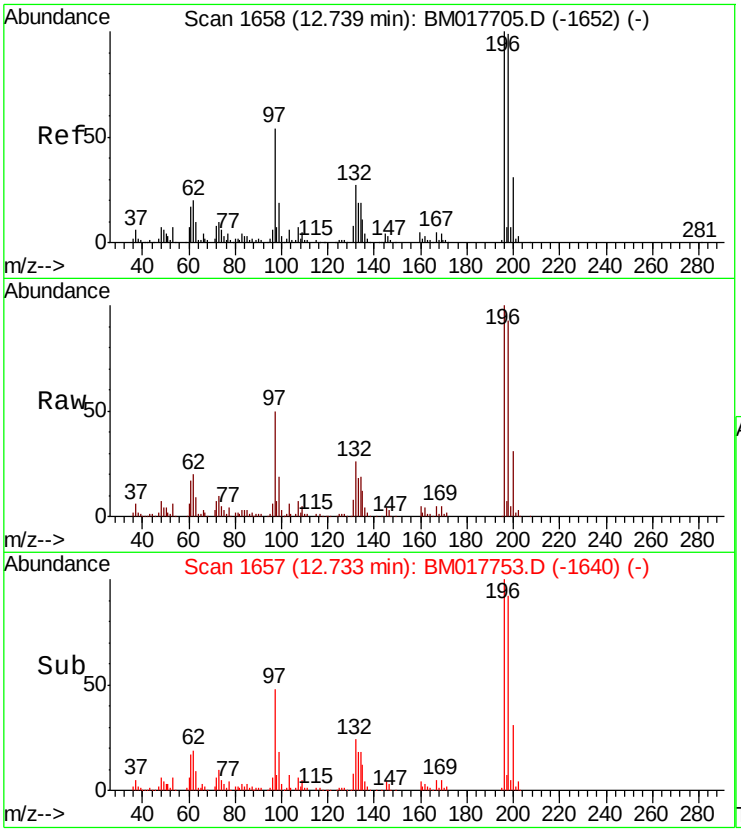


#38
2,4,6-Trichlorophenol
Concen: 19.675 ng/ul
RT: 12.66 min Scan# 1644
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:196 Resp: 241239

Ion	Ratio	Lower	Upper
196	100		
198	99.0	74.9	112.3
200	30.4	25.4	38.2



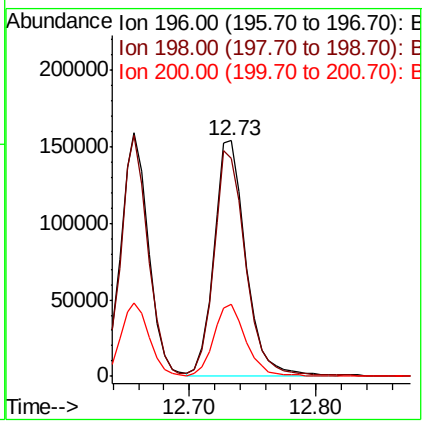


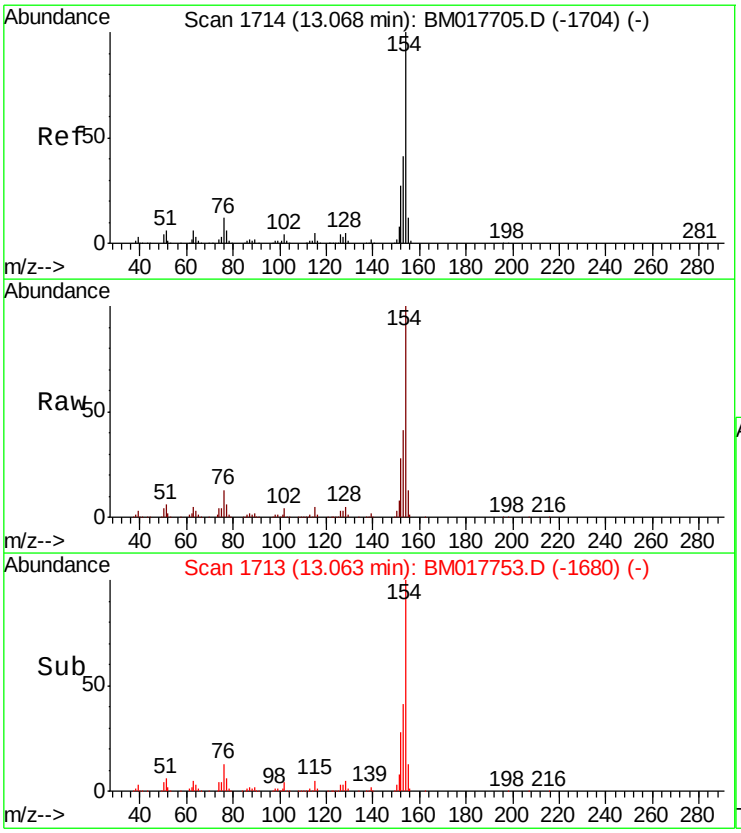
#39
2,4,5-Trichlorophenol
Concen: 20.226 ng/ul
RT: 12.73 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:196 Resp: 265225

Ion	Ratio	Lower	Upper
196	100		
198	92.6	77.2	115.8
200	30.7	25.8	38.8

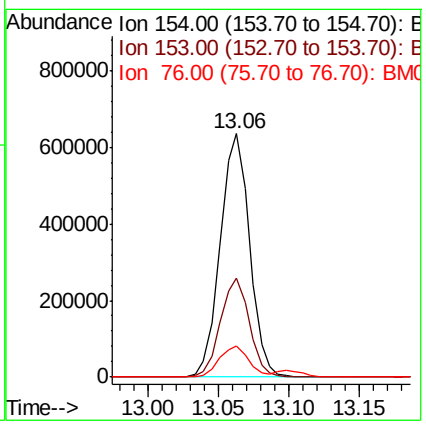


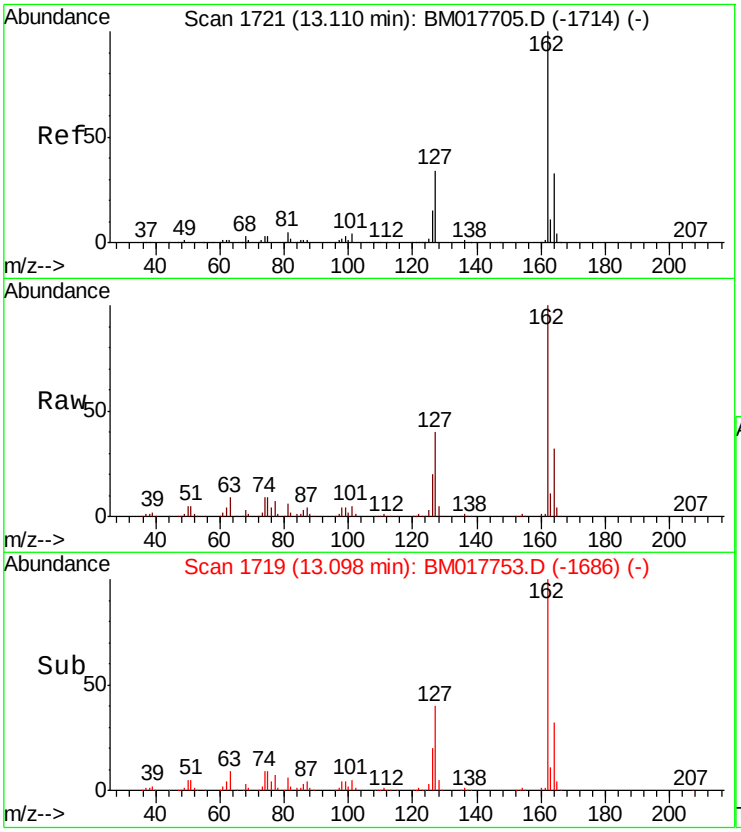


#40
1,1'-Biphenyl
Concen: 19.705 ng/ul
RT: 13.06 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:154 Resp: 917138

Ion	Ratio	Lower	Upper
154	100		
153	40.8	32.5	48.7
76	12.8	10.6	15.8



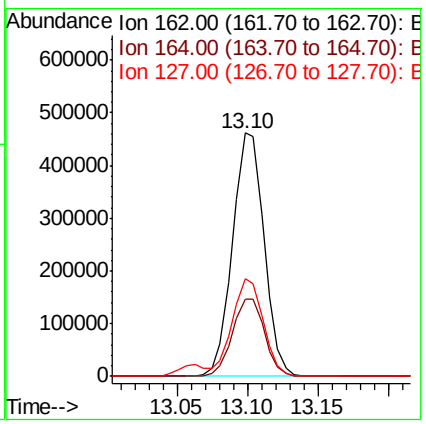


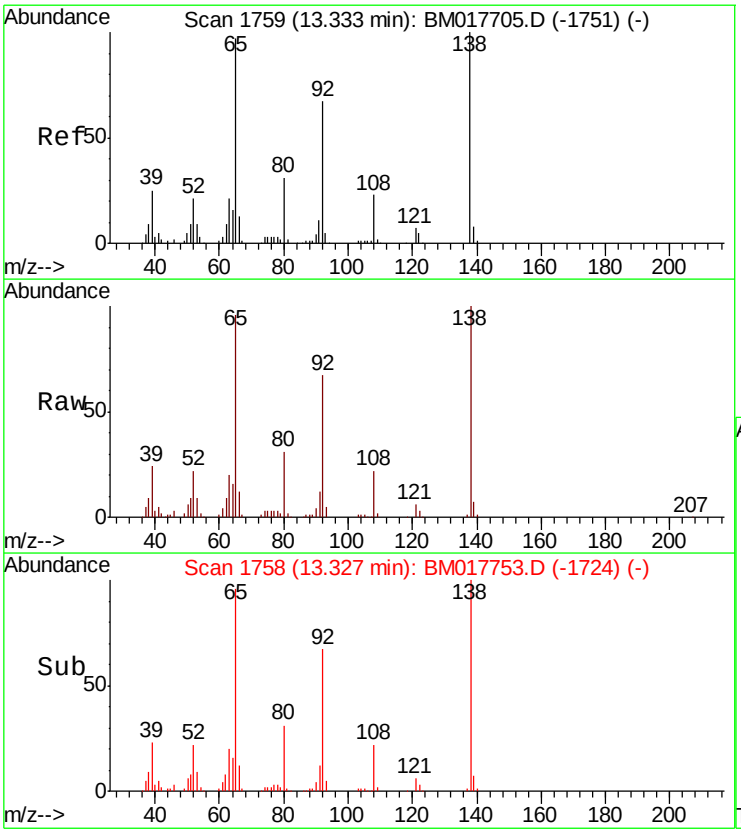
#41
2-Chloronaphthalene
Concen: 19.774 ng/ul
RT: 13.10 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:162 Resp: 719929

Ion	Ratio	Lower	Upper
162	100		
164	31.6	26.1	39.1
127	40.1	31.8	47.8

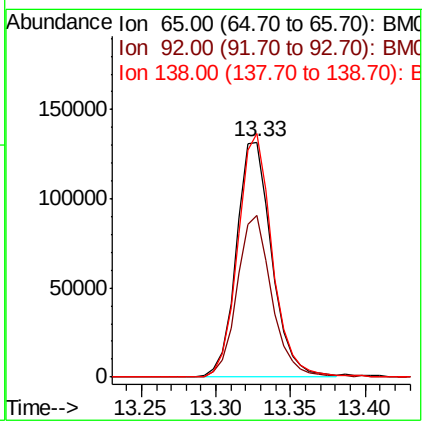


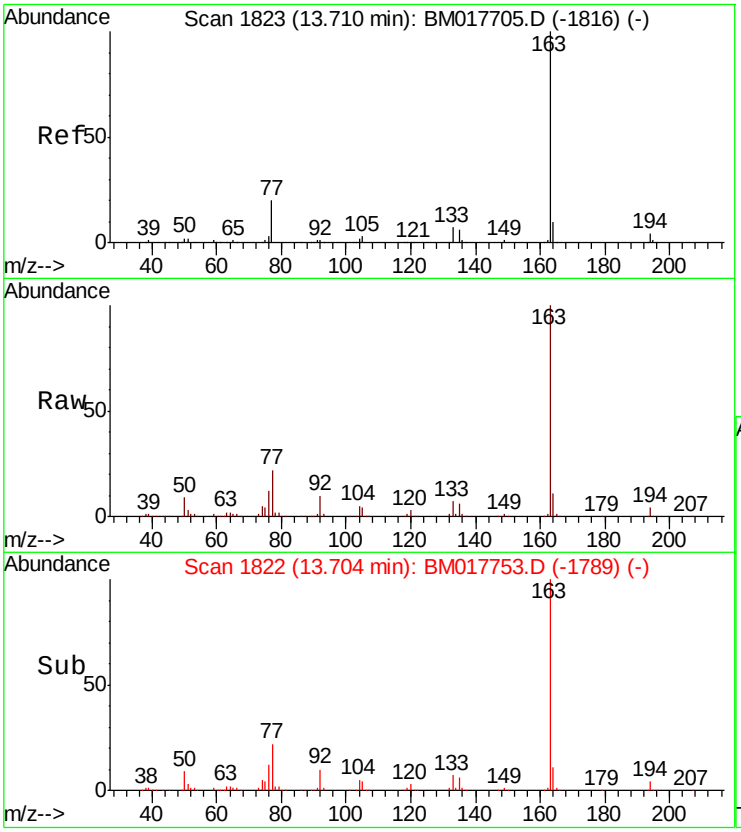


#42
2-Nitroaniline
Concen: 20.460 ng/ul
RT: 13.33 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion: 65 Resp: 216928

Ion	Ratio	Lower	Upper
65	100		
92	69.1	56.3	84.5
138	103.7	85.4	128.0



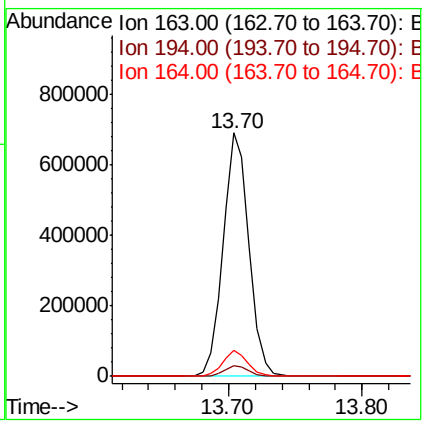


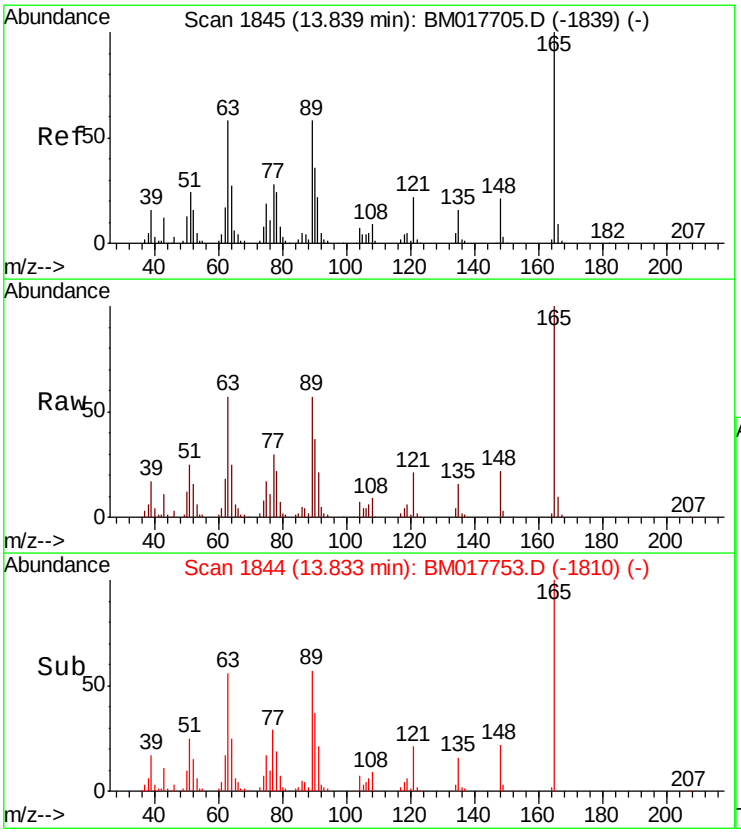
#44
Dimethylphthalate
Concen: 19.619 ng/ul
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:163 Resp: 932475

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.6	8.1	12.1

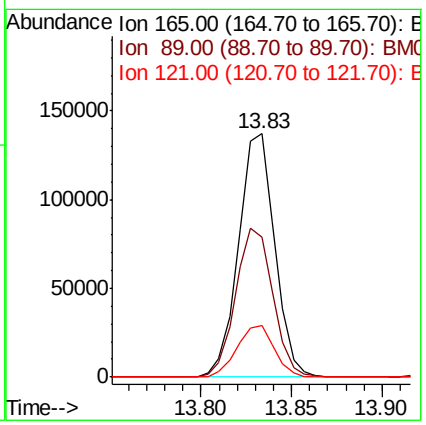


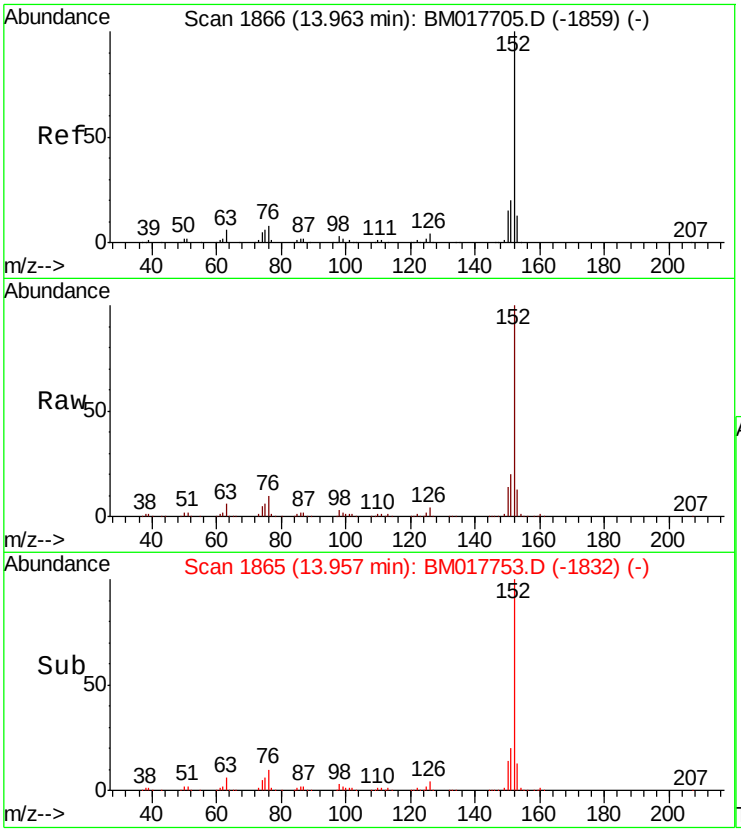


#45
2,6-Dinitrotoluene
Concen: 20.416 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:165 Resp: 190674

Ion	Ratio	Lower	Upper
165	100		
89	57.4	48.0	72.0
121	21.1	17.0	25.6



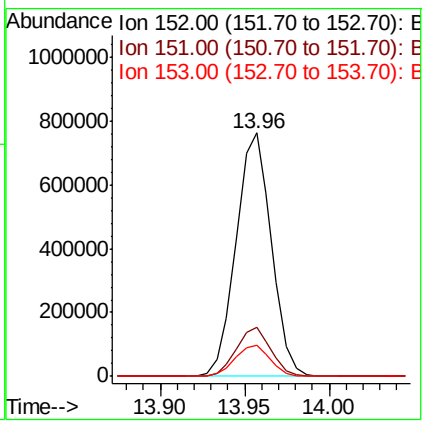


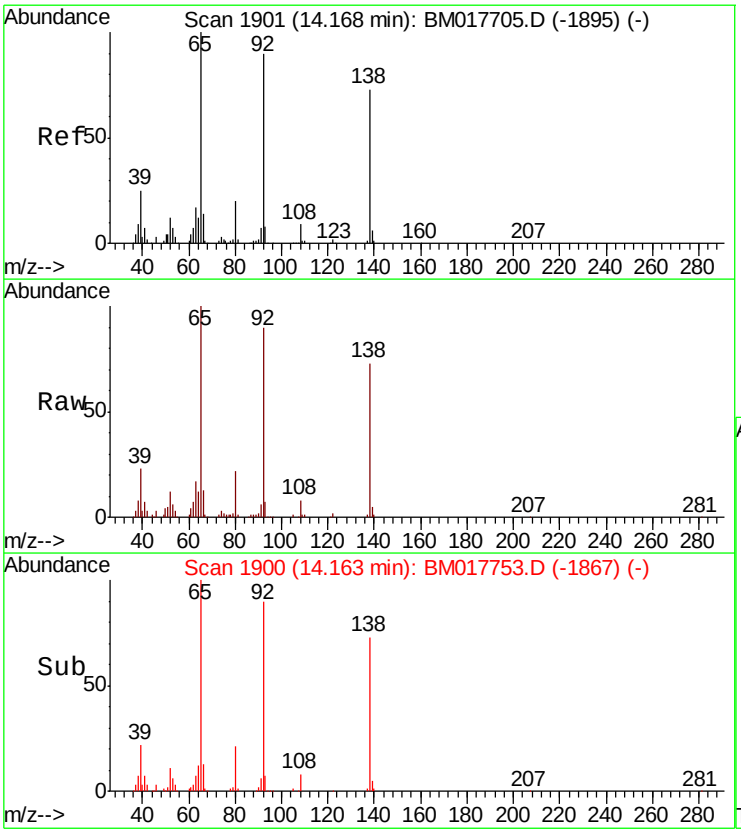
#47
Acenaphthylene
Concen: 19.956 ng/ul
RT: 13.96 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:152 Resp: 1106594

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.0	10.4	15.6

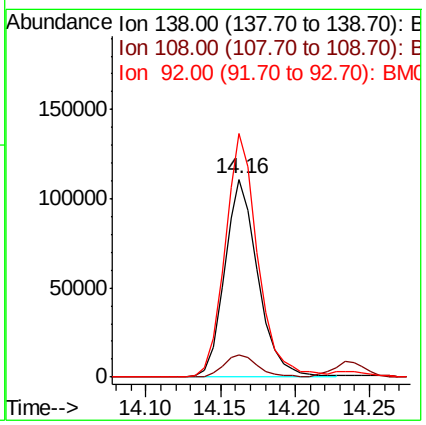


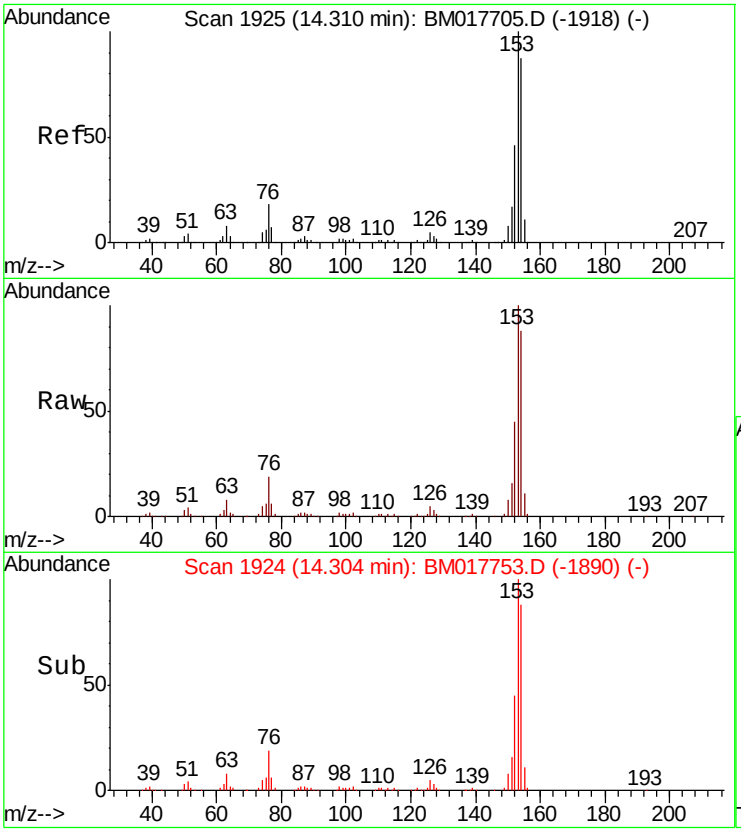


#48
3-Nitroaniline
Concen: 19.510 ng/ul
RT: 14.16 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:138 Resp: 173825

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.4
92	123.2	98.8	148.2



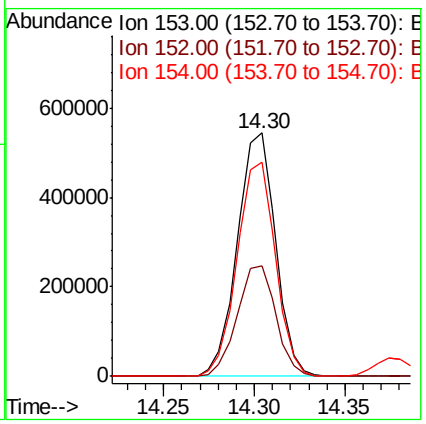


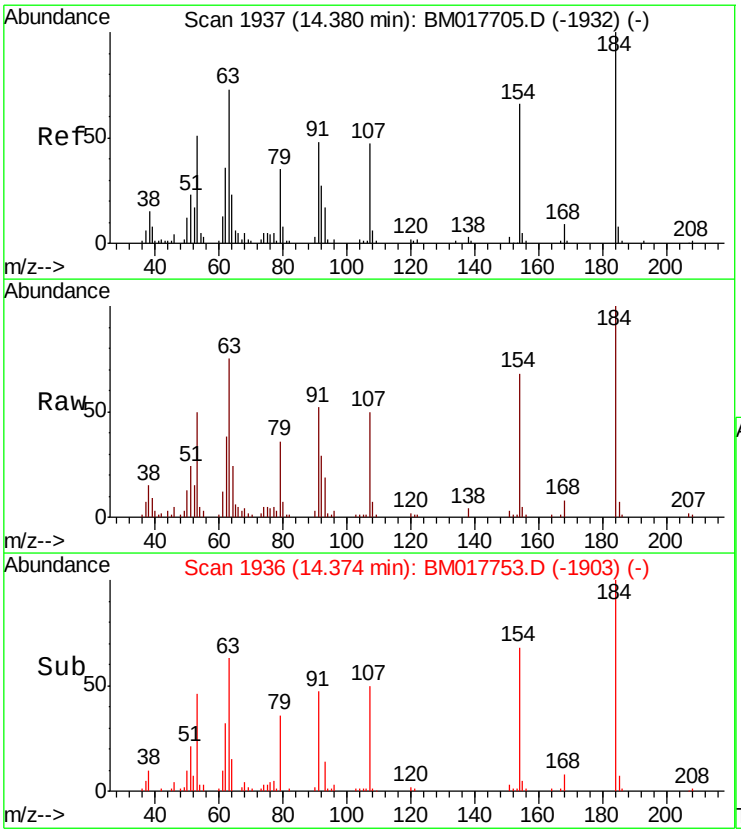
#49
Acenaphthene
Concen: 19.996 ng/ul
RT: 14.30 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:153 Resp: 799107

Ion	Ratio	Lower	Upper
153	100		
152	45.3	37.0	55.6
154	88.1	70.6	106.0

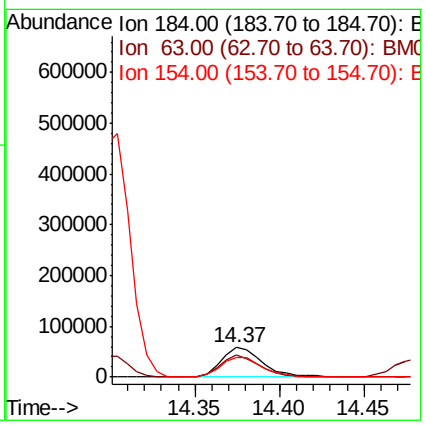


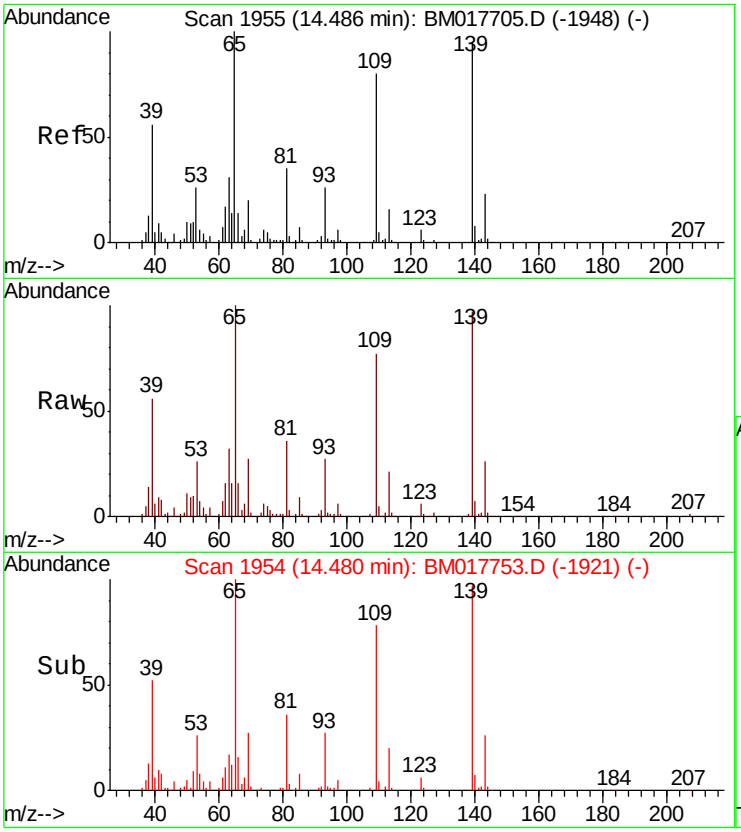


#50
2,4-Dinitrophenol
Concen: 15.565 ng/ul
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:184 Resp: 98562

Ion	Ratio	Lower	Upper
184	100		
63	75.3	54.4	81.6
154	68.1	51.1	76.7



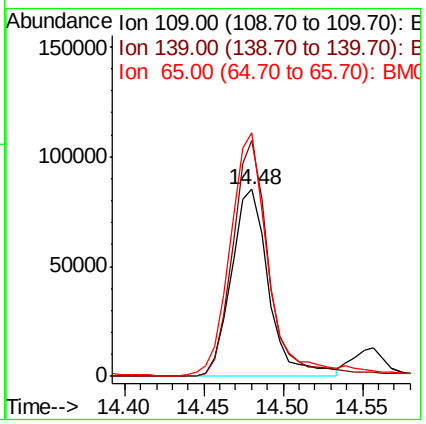


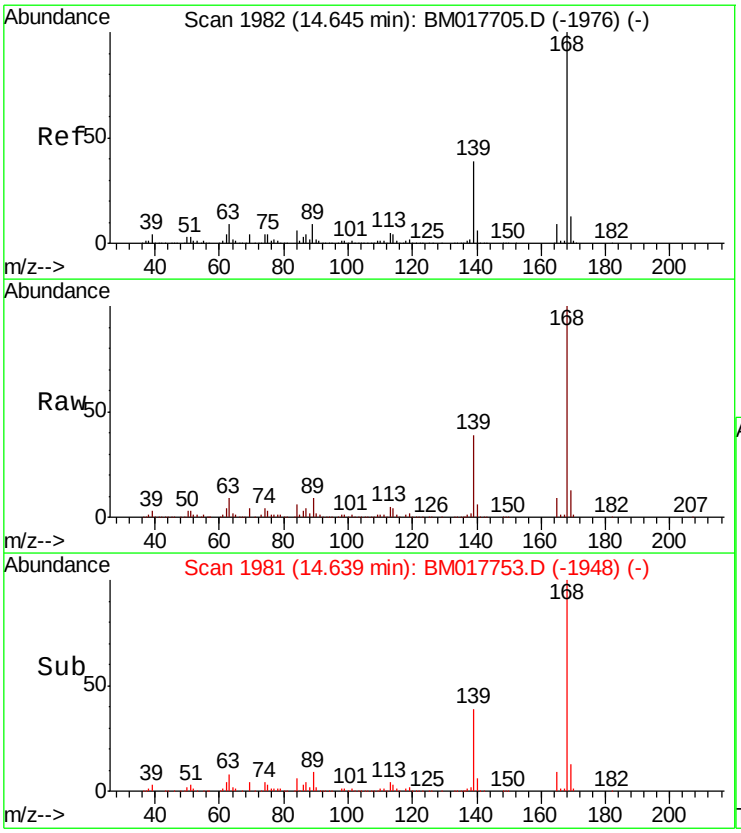
#52
4-Nitrophenol
Concen: 19.062 ng/ul
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:109 Resp: 139844

Ion	Ratio	Lower	Upper
109	100		
139	126.2	97.4	146.0
65	130.2	104.5	156.7

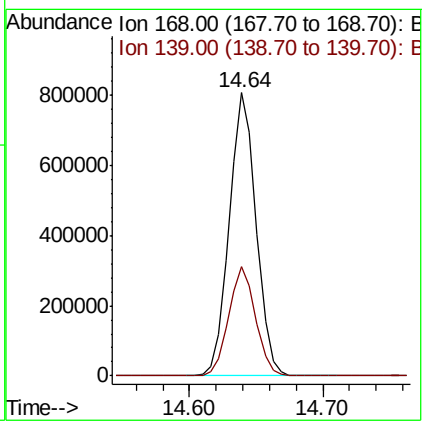


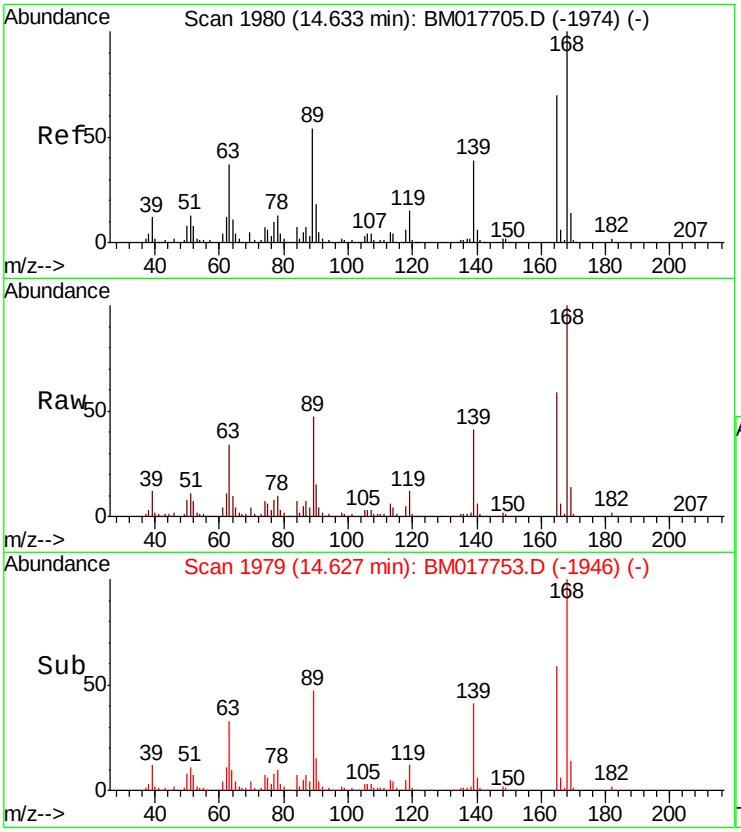


#53
Dibenzofuran
Concen: 20.072 ng/ul
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:168 Resp: 1135099

Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.6	46.0



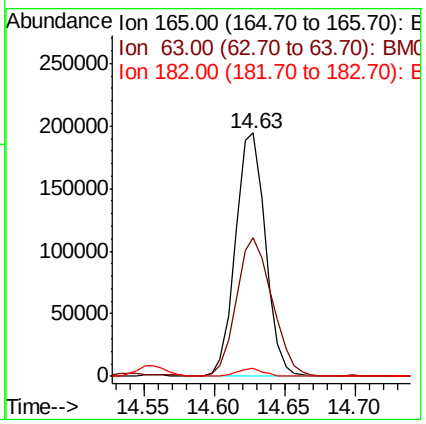


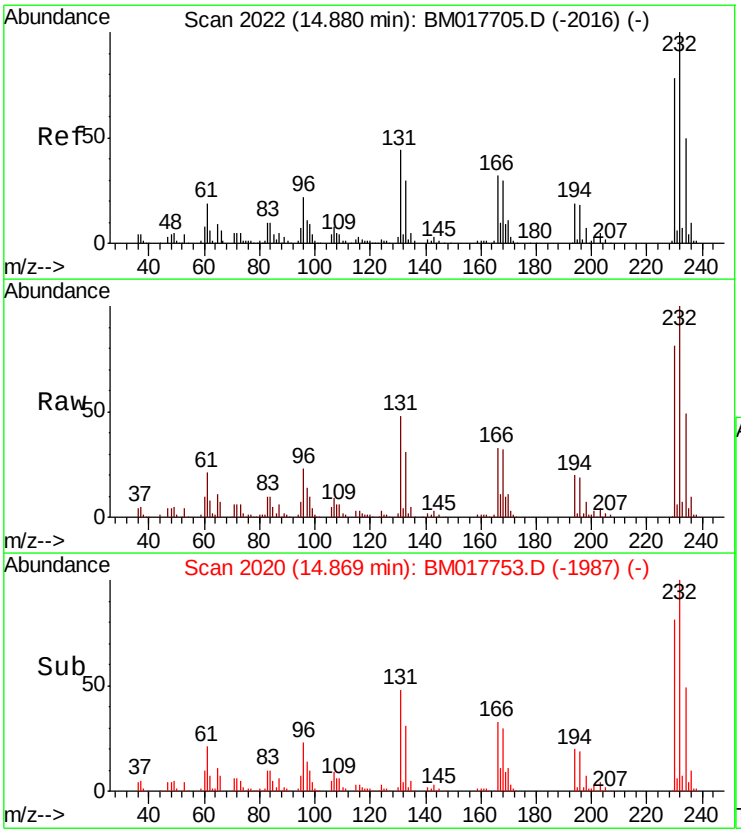
#54
2,4-Dinitrotoluene
Concen: 20.368 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:165 Resp: 288023

Ion	Ratio	Lower	Upper
165	100		
63	56.9	41.8	62.8
182	3.3	2.2	3.2#

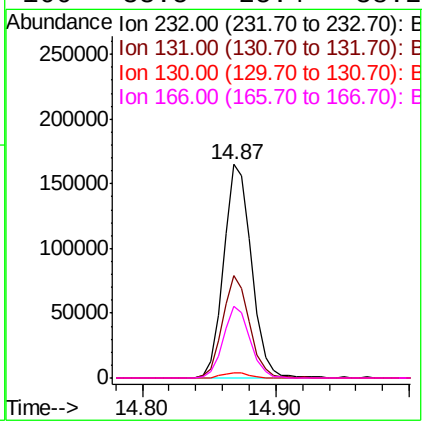


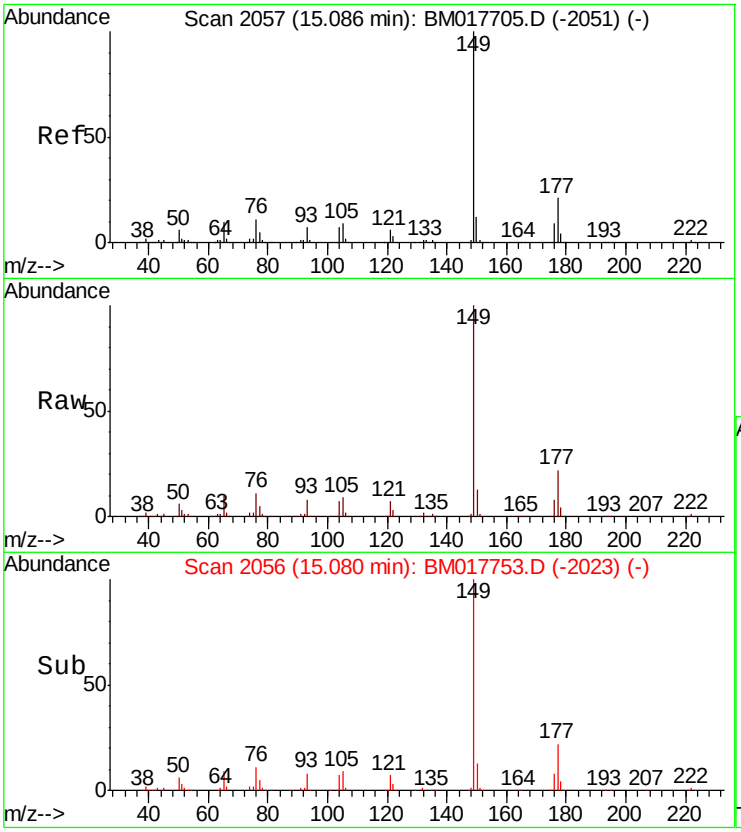


#55
2,3,4,6-Tetrachlorophenol
Concen: 19.946 ng/ul
RT: 14.87 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:232 Resp: 241171

Ion	Ratio	Lower	Upper
232	100		
131	47.9	35.5	53.3
130	2.3	2.1	3.1
166	33.5	25.4	38.2



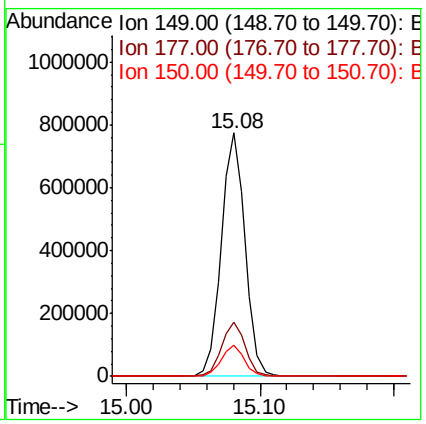


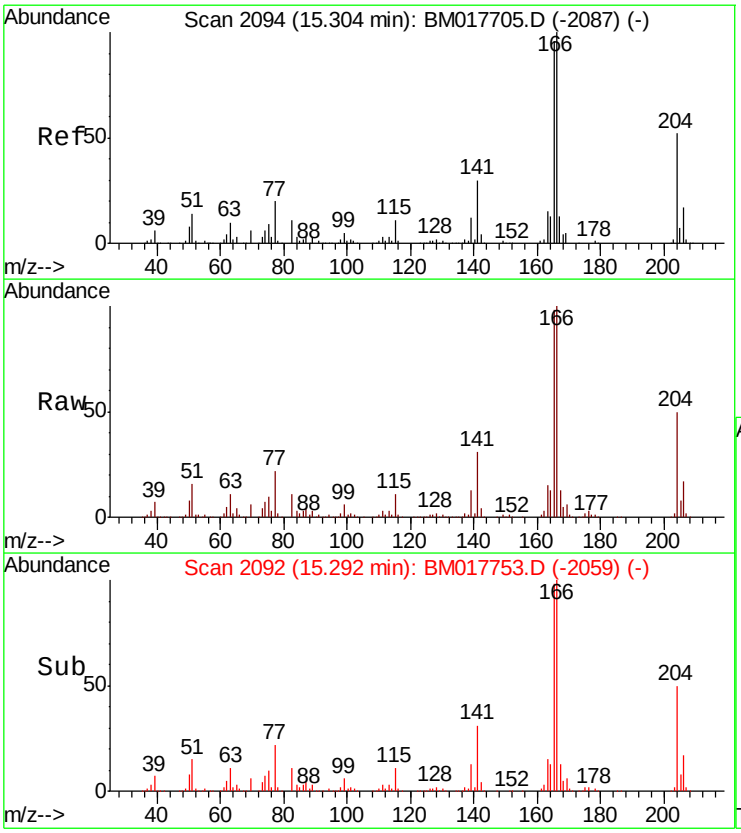
#56
Diethylphthalate
Concen: 19.863 ng/ul
RT: 15.08 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:149 Resp: 972552

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.0	25.6
150	12.6	10.0	15.0

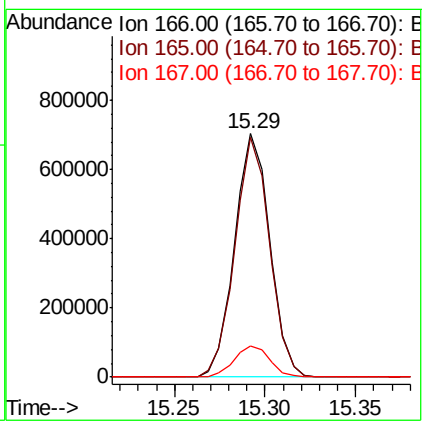


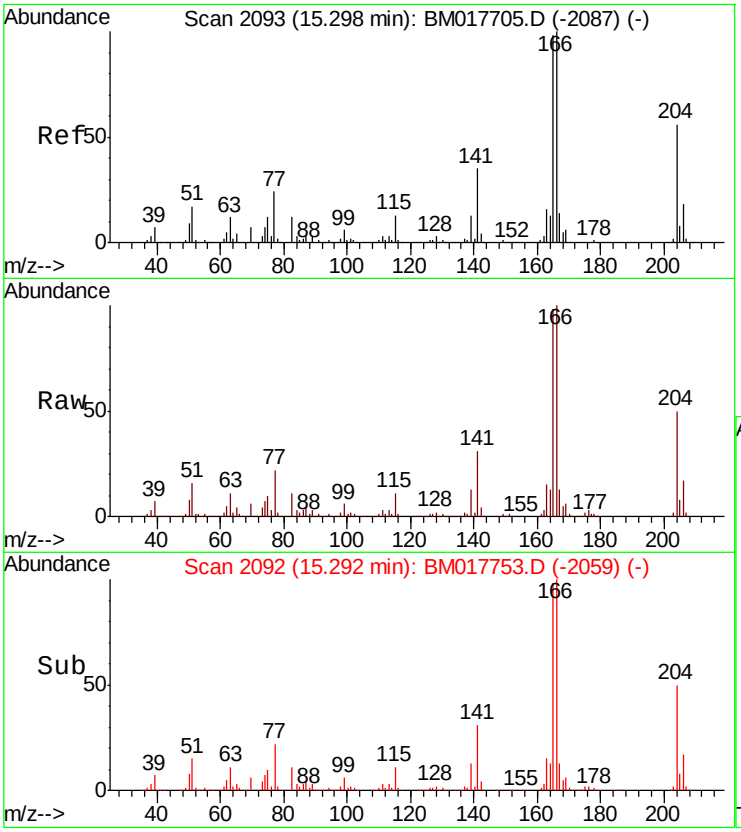


#58
Fluorene
Concen: 20.195 ng/ul
RT: 15.29 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:166 Resp: 952364

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.0	117.0
167	13.0	10.8	16.2



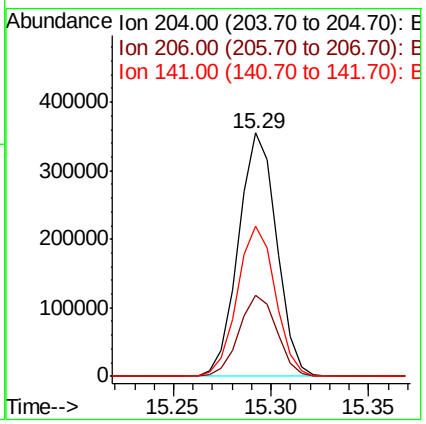


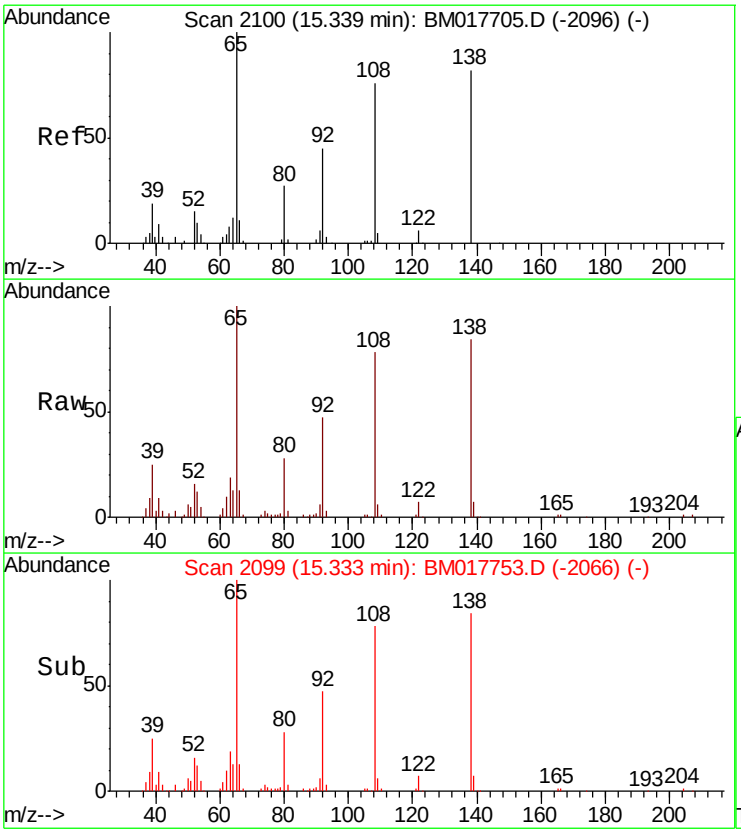
#59
4-Chlorophenyl-phenylether
Concen: 19.900 ng/ul
RT: 15.29 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:204 Resp: 482054

Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.6	38.4
141	61.9	49.8	74.6

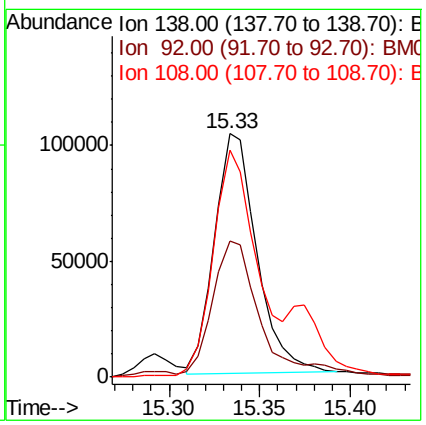


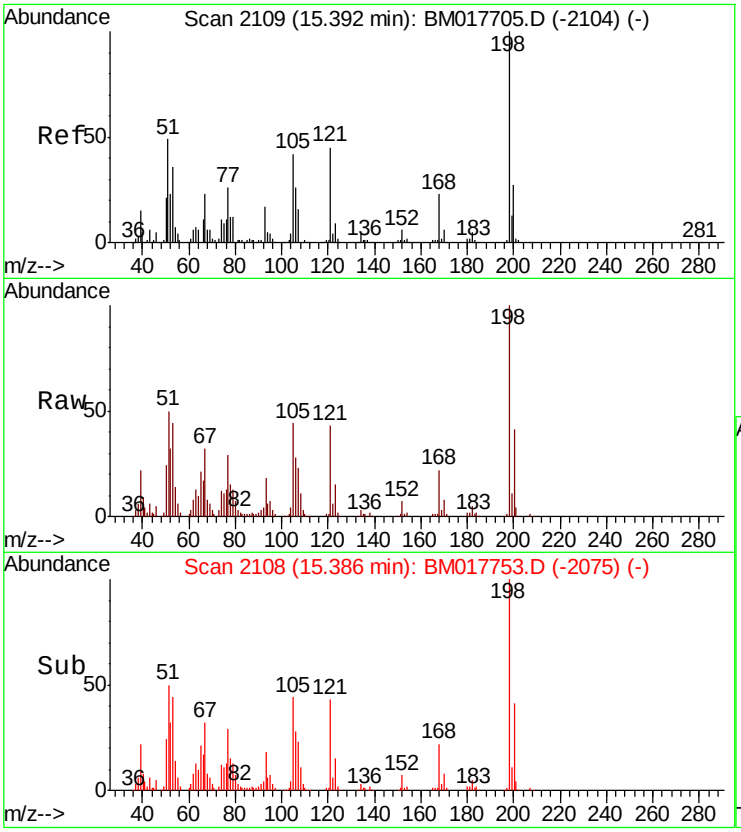


#60
4-Nitroaniline
Concen: 17.024 ng/ul
RT: 15.33 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:138 Resp: 168628

Ion	Ratio	Lower	Upper
138	100		
92	56.1	42.8	64.2
108	93.1	70.2	105.4



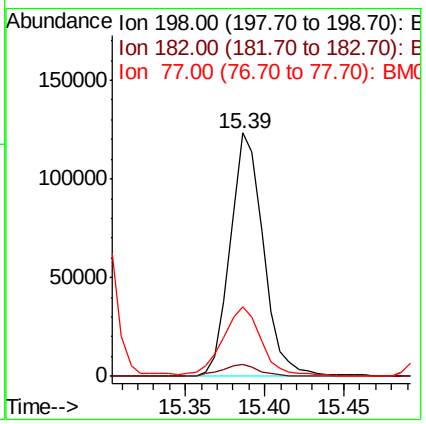


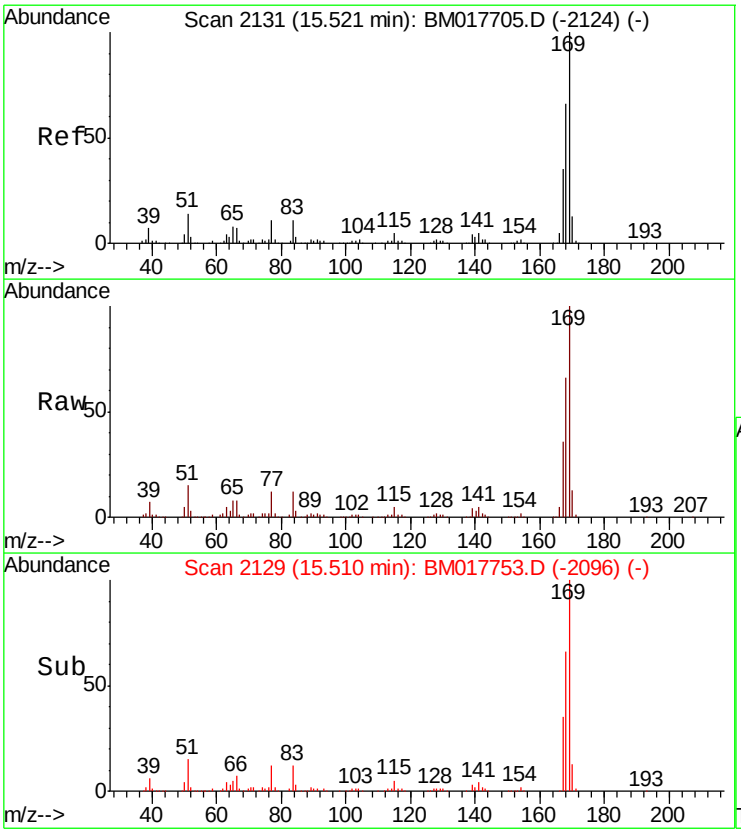
#63
4,6-Dinitro-2-methylphenol
Concen: 17.970 ng/ul
RT: 15.39 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:198 Resp: 178994

Ion	Ratio	Lower	Upper
198	100		
182	4.8	3.5	5.3
77	28.5	24.6	36.8

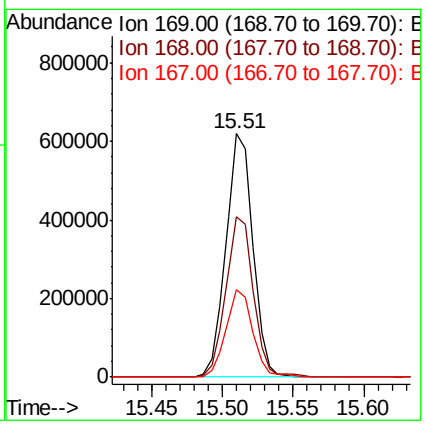


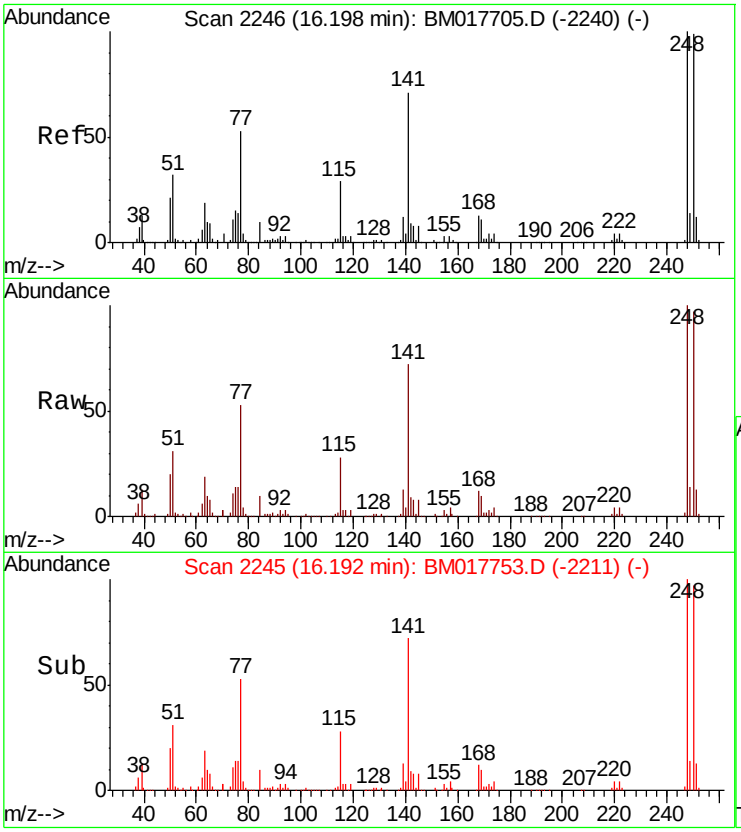


#64
N-Nitrosodiphenylamine
Concen: 19.736 ng/ul
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:169 Resp: 821537

Ion	Ratio	Lower	Upper
169	100		
168	66.0	51.1	76.7
167	35.9	27.8	41.8



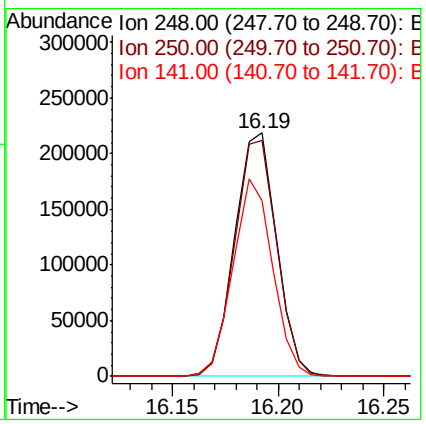


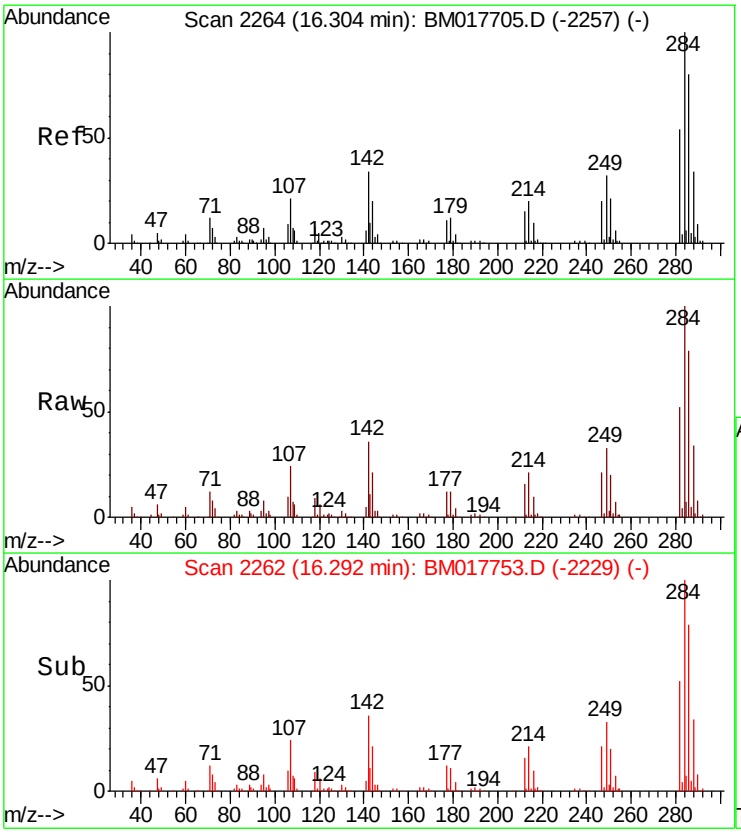
#65
4-Bromophenyl-phenylether
Concen: 19.561 ng/ul
RT: 16.19 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:248 Resp: 302203

Ion	Ratio	Lower	Upper
248	100		
250	96.8	80.8	121.2
141	72.2	56.9	85.3

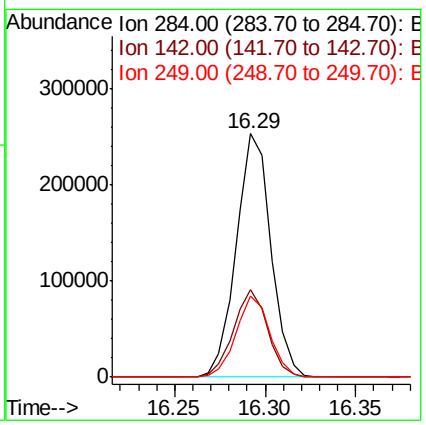


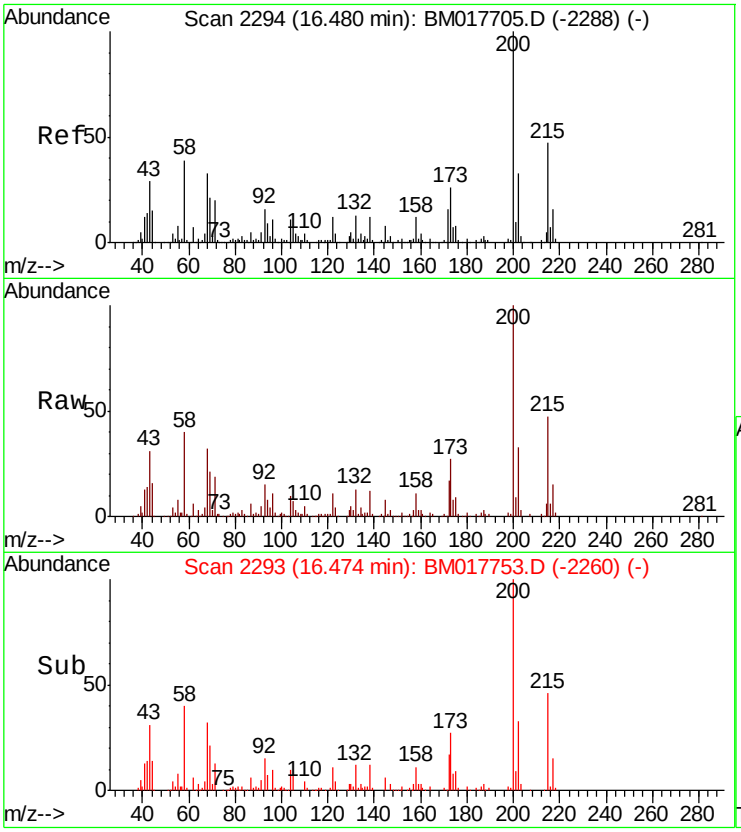


#66
Hexachlorobenzene
Concen: 19.532 ng/ul
RT: 16.29 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:284 Resp: 335414

Ion	Ratio	Lower	Upper
284	100		
142	36.1	26.2	39.4
249	33.1	24.0	36.0



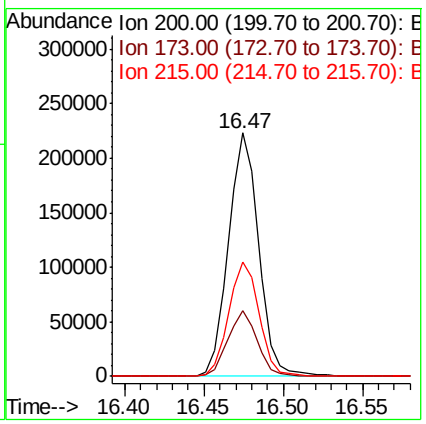


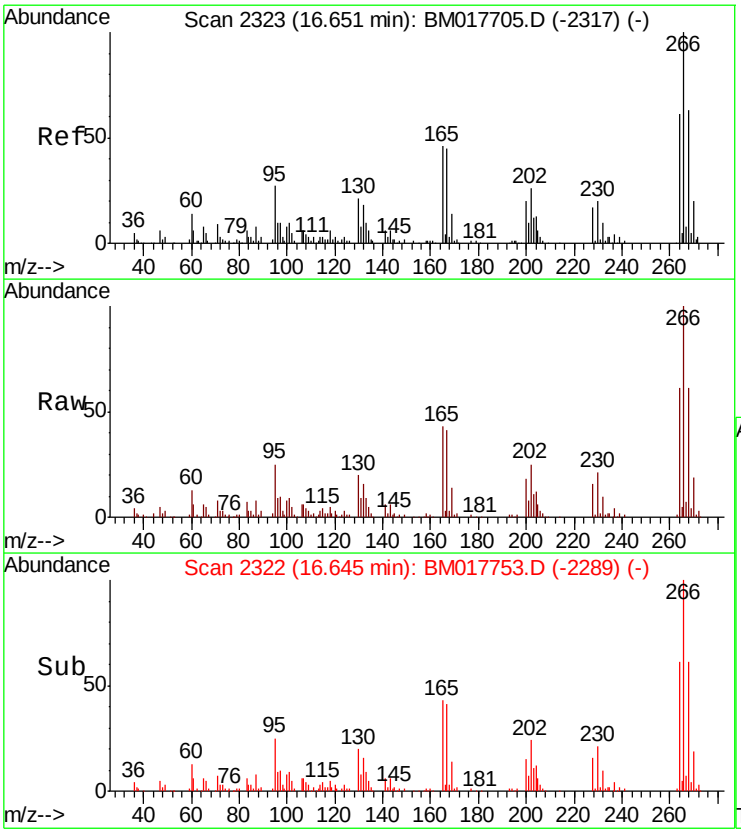
#67
Atrazine
Concen: 19.089 ng/ul
RT: 16.47 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:200 Resp: 294744

Ion	Ratio	Lower	Upper
200	100		
173	26.7	21.0	31.6
215	47.0	38.2	57.2

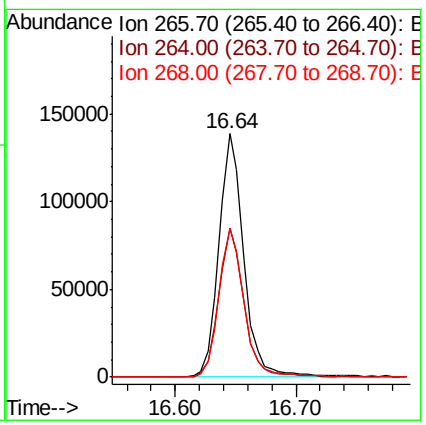


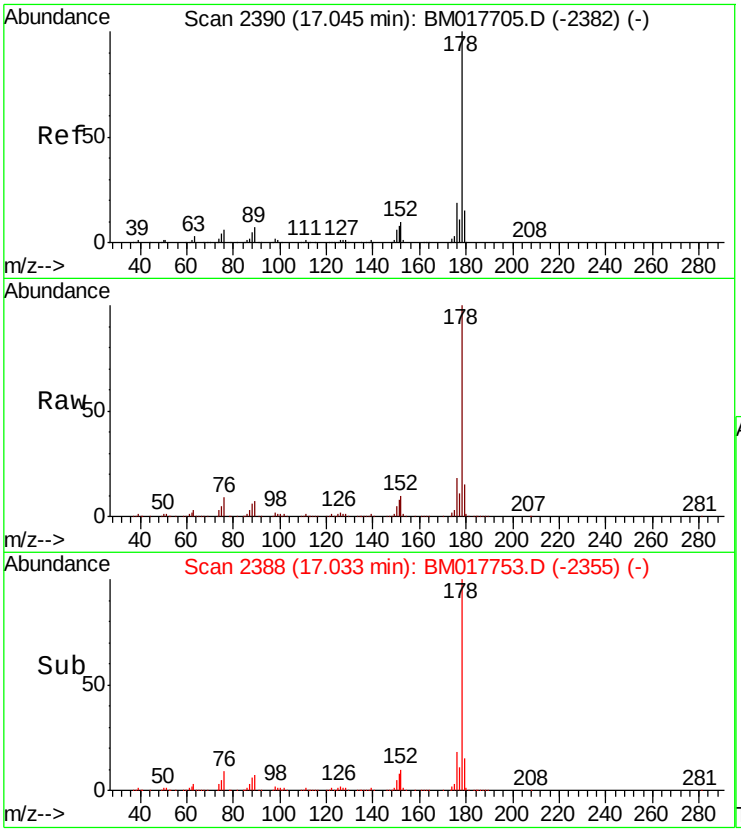


#68
Pentachlorophenol
Concen: 18.529 ng/ul
RT: 16.64 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:266 Resp: 197962

Ion	Ratio	Lower	Upper
266	100		
264	61.3	50.2	75.2
268	61.0	49.8	74.8



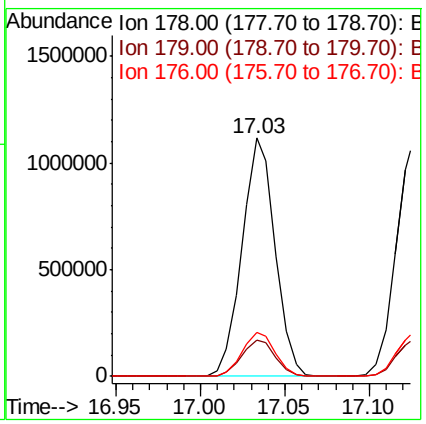


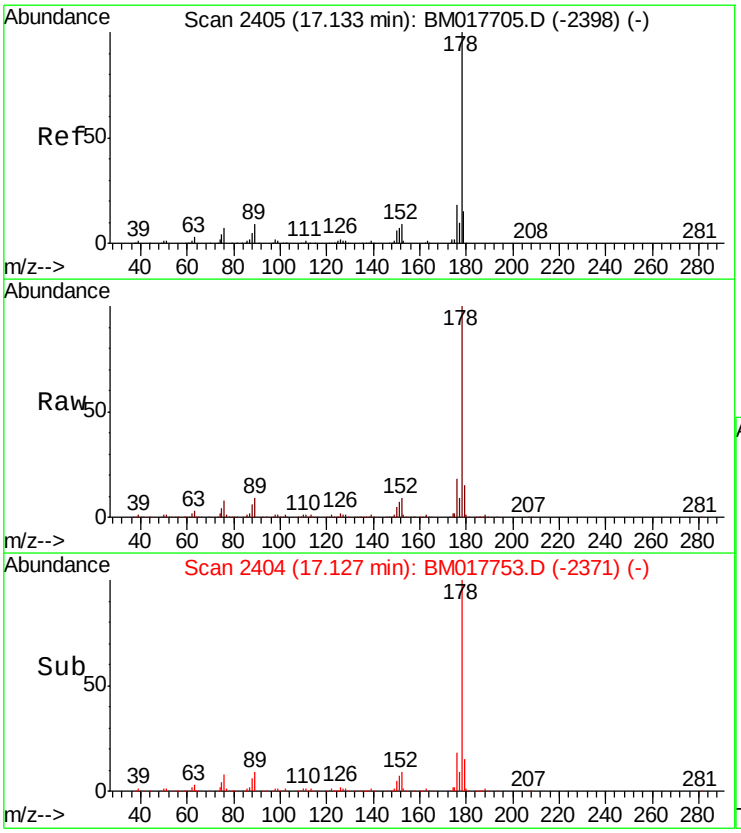
#69
Phenanthrene
Concen: 19.680 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:178 Resp: 1521603

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.8	17.8
176	18.4	15.0	22.6

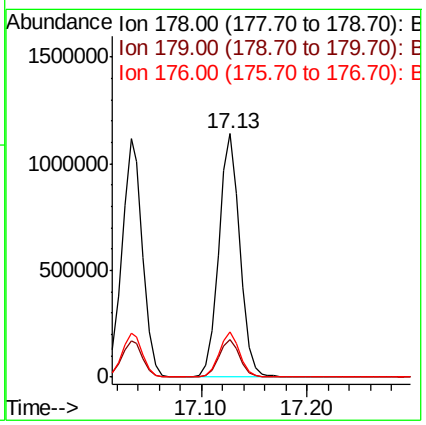


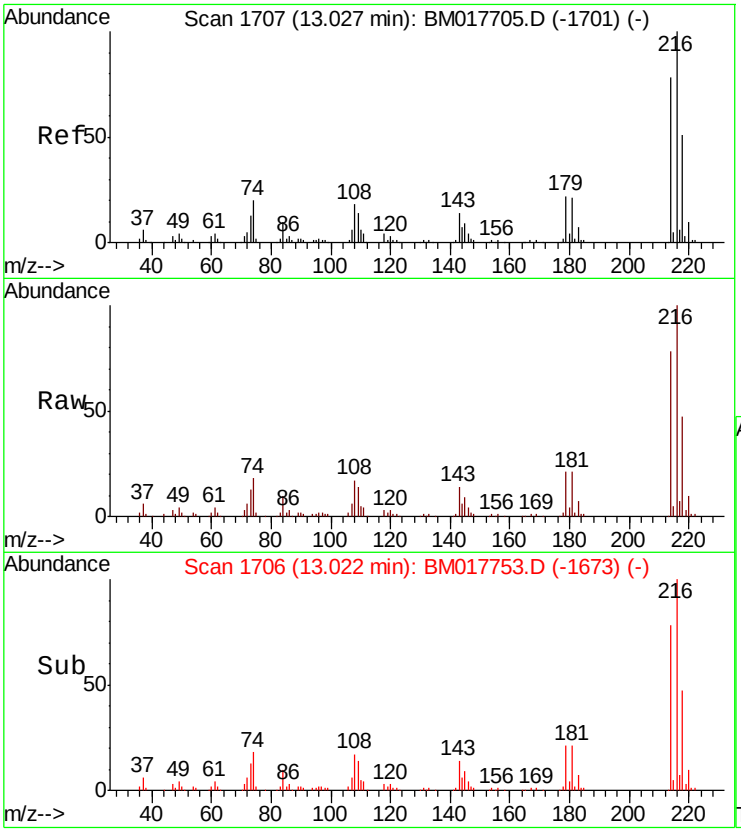


#71
Anthracene
Concen: 20.083 ng/ul
RT: 17.13 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:178 Resp: 1587987

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.5	14.8	22.2



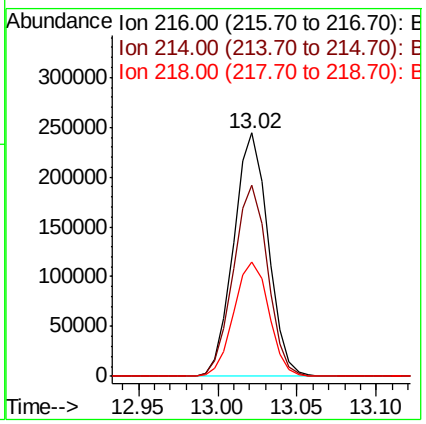


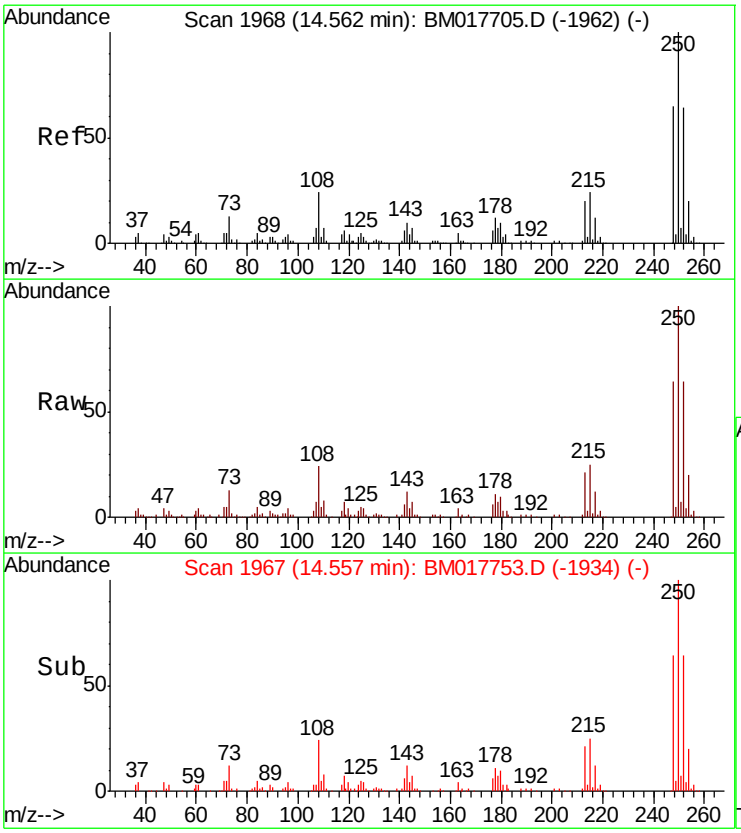
#72
1,2,3,4-Tetrachlorobenzene
Concen: 19.298 ng/uL
RT: 13.02 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:216 Resp: 369763

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.2	93.4
218	46.8	37.9	56.9

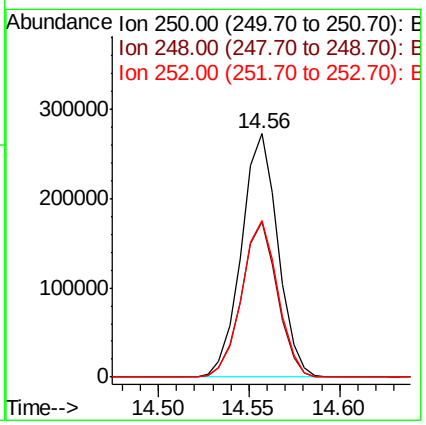


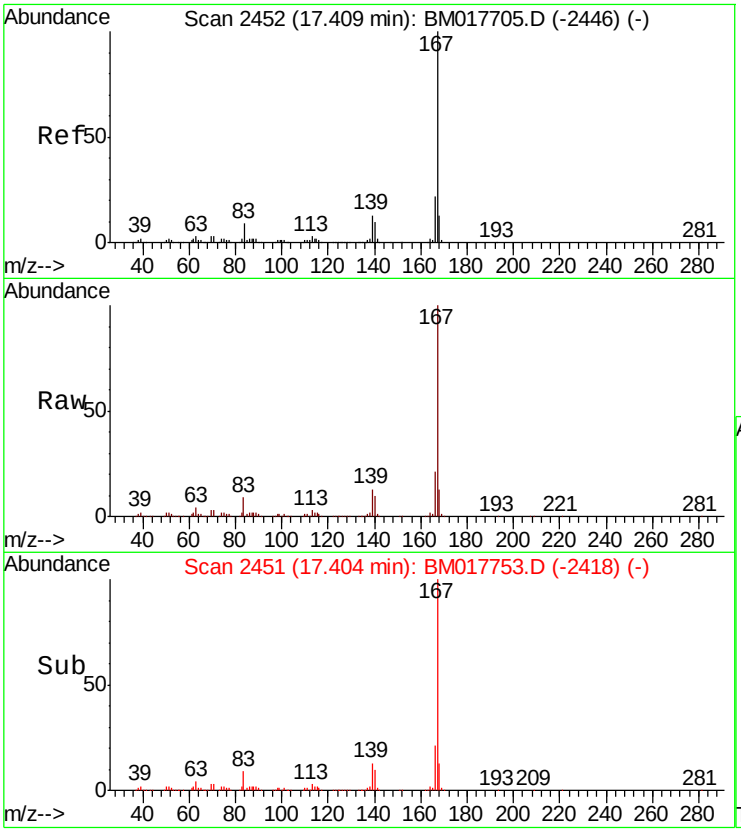


#73
Pentachlorobenzene
Concen: 19.445 ng/uL
RT: 14.56 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:250 Resp: 381075

Ion	Ratio	Lower	Upper
250	100		
248	63.6	50.5	75.7
252	64.1	50.6	76.0



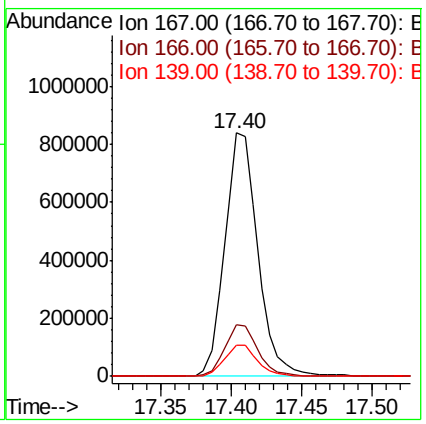


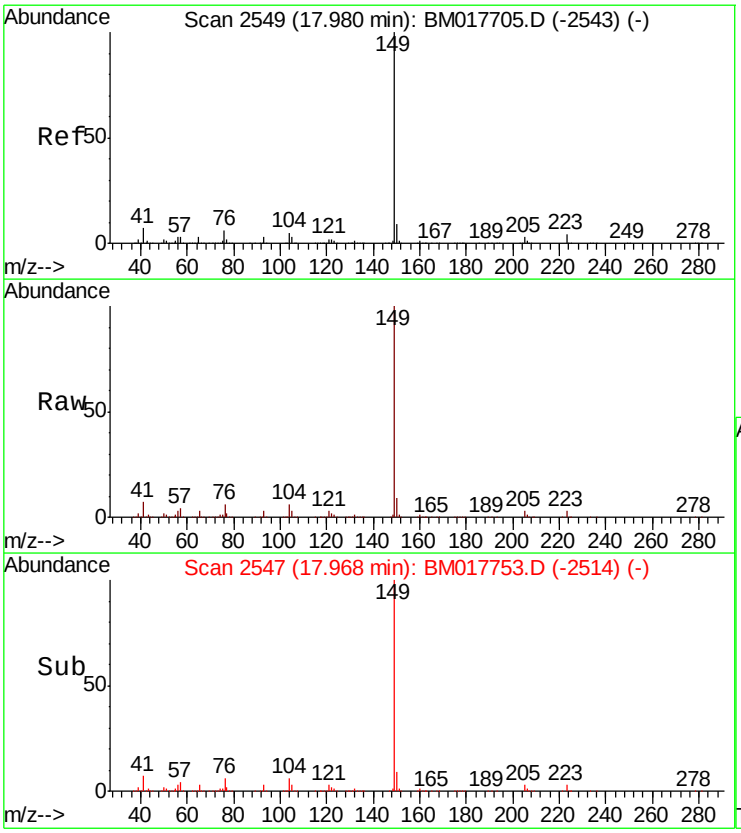
#74
Carbazole
Concen: 19.616 ng/ul
RT: 17.40 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:167 Resp: 1366732

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.4
139	12.9	10.5	15.7

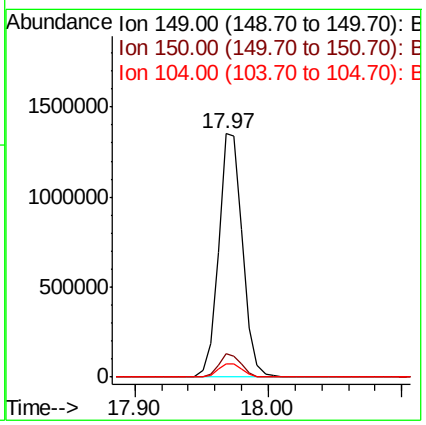


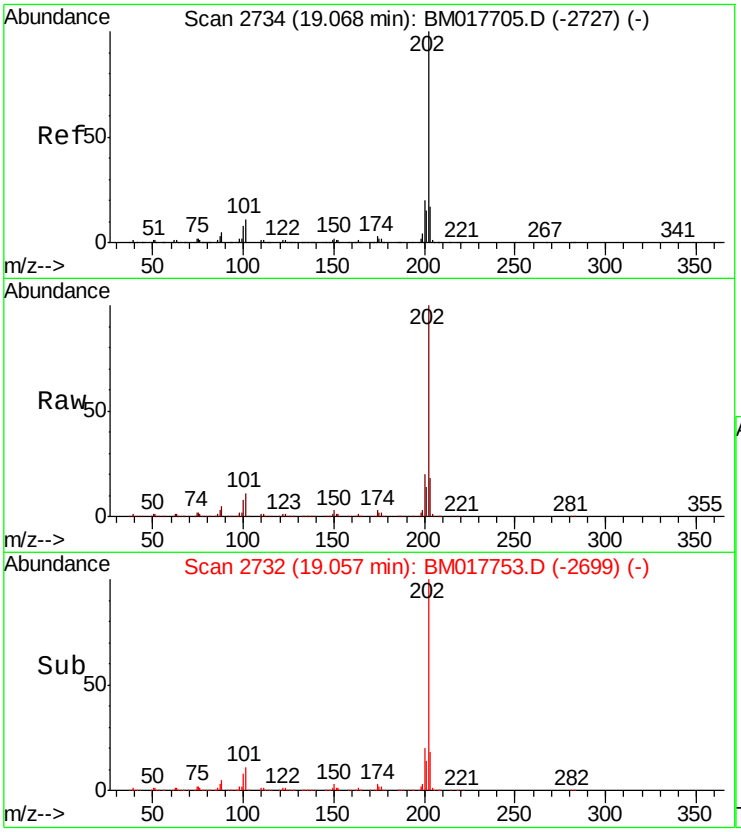


#75
Di-n-butylphthalate
Concen: 19.272 ng/ul
RT: 17.97 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:149 Resp: 1696906

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.0	10.6
104	5.5	4.2	6.4



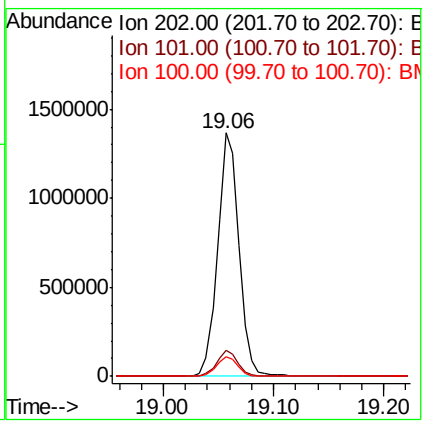


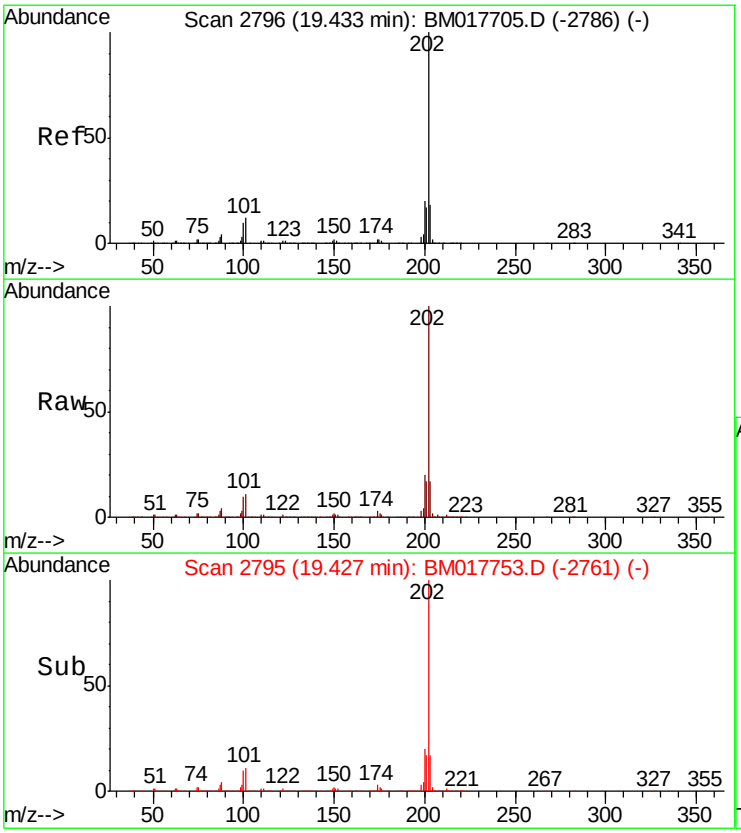
#76
Fluoranthene
Concen: 20.115 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:202 Resp: 1829300

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.4	12.6
100	8.3	6.6	9.8

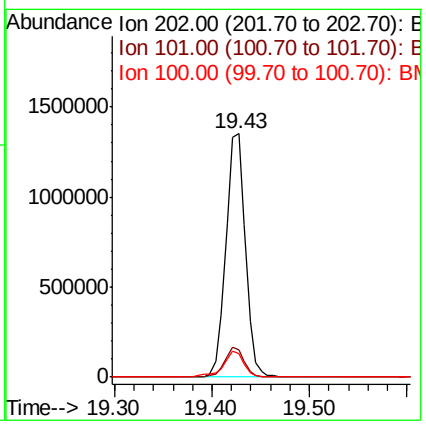


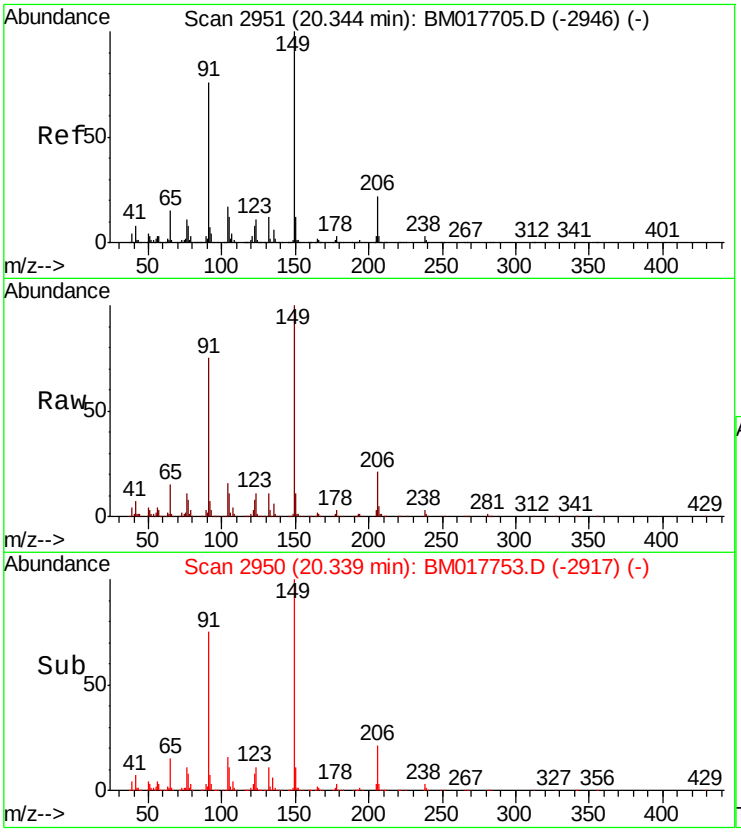


#79
Pyrene
Concen: 20.059 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:202 Resp: 1874245

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.6	14.4
100	9.8	7.9	11.9



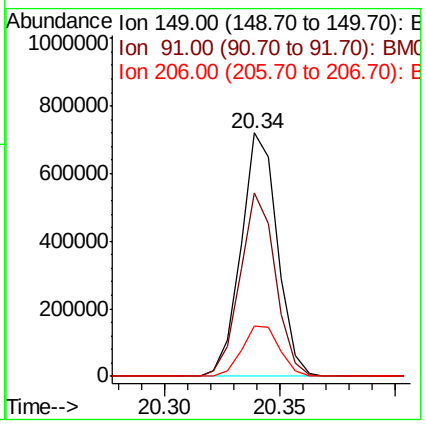


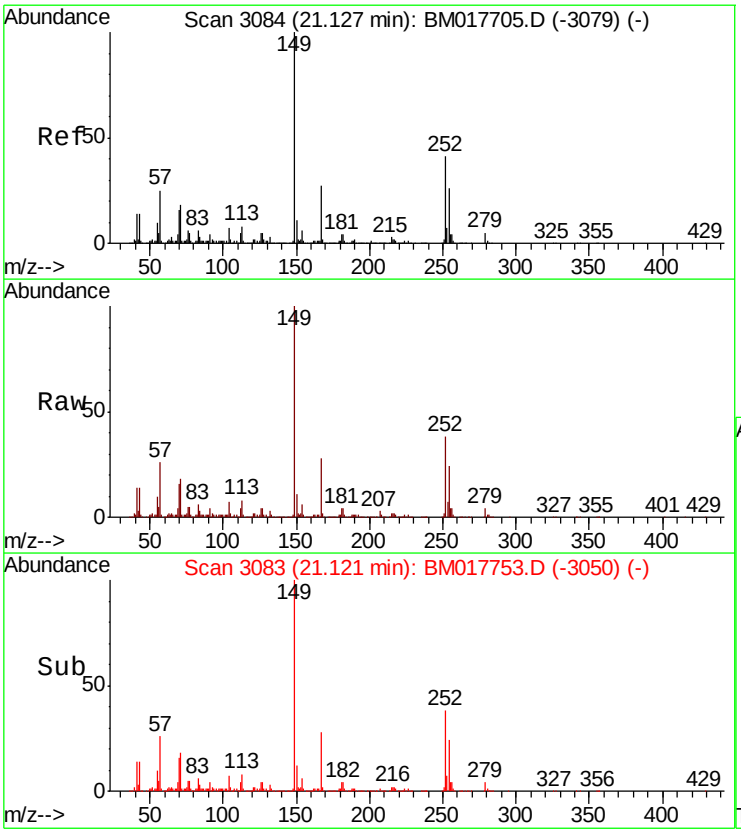
#80
Butylbenzylphthalate
Concen: 19.828 ng/ul
RT: 20.34 min Scan# 2950
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:149 Resp: 792227

Ion	Ratio	Lower	Upper
149	100		
91	75.3	58.0	87.0
206	20.7	16.6	24.8

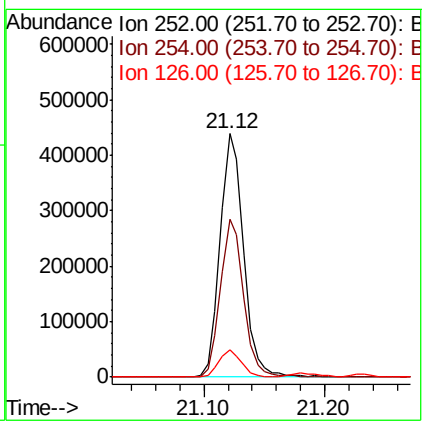


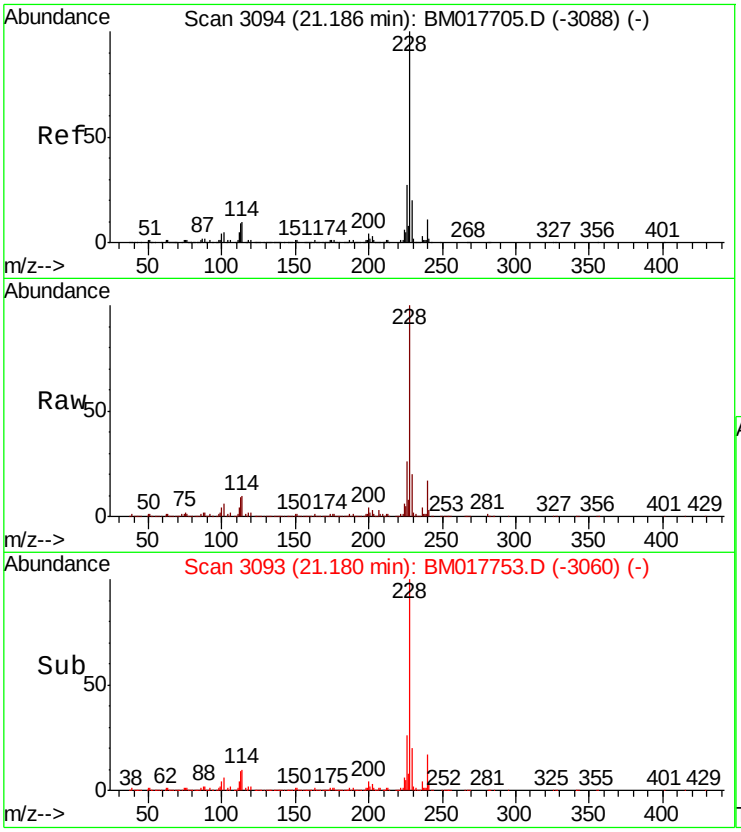


#81
3,3'-Dichlorobenzidine
Concen: 18.615 ng/ul
RT: 21.12 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:252 Resp: 589831

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.2	76.8
126	11.4	9.1	13.7



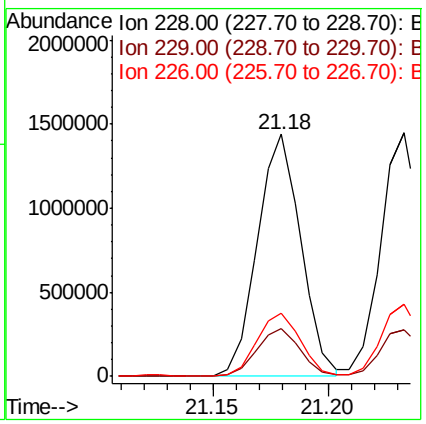


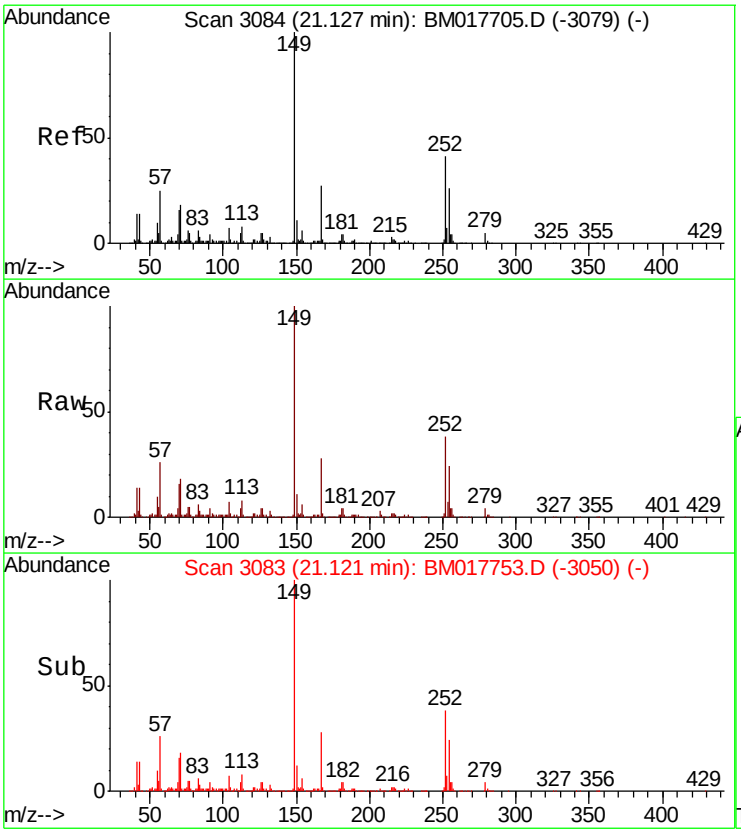
#82
Benzo(a)anthracene
Concen: 19.658 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:228 Resp: 1876804

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.0	24.0
226	26.4	21.0	31.6

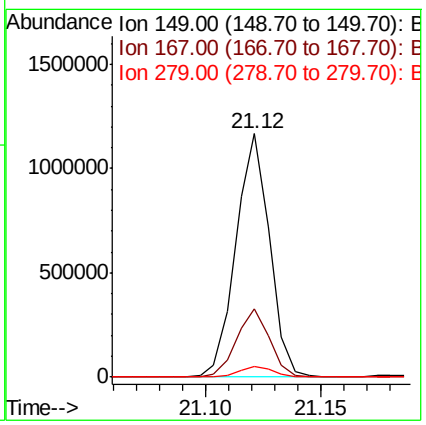


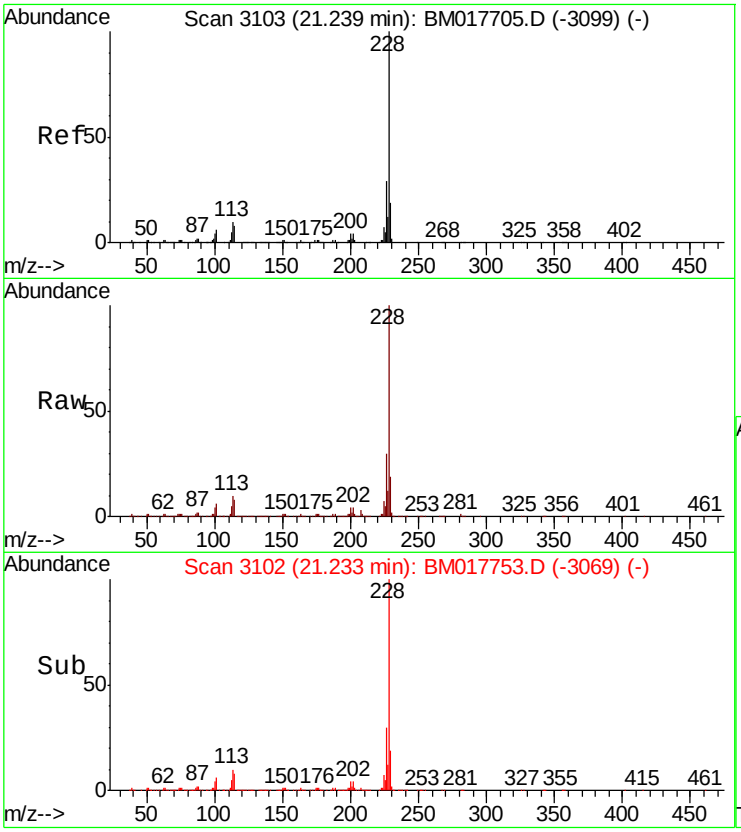


#83
Bis(2-ethylhexyl)phthalate
Concen: 19.964 ng/ul
RT: 21.12 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:149 Resp: 1181158

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.9	32.9
279	4.3	3.6	5.4



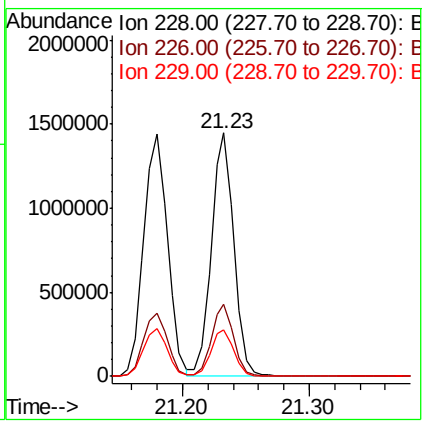


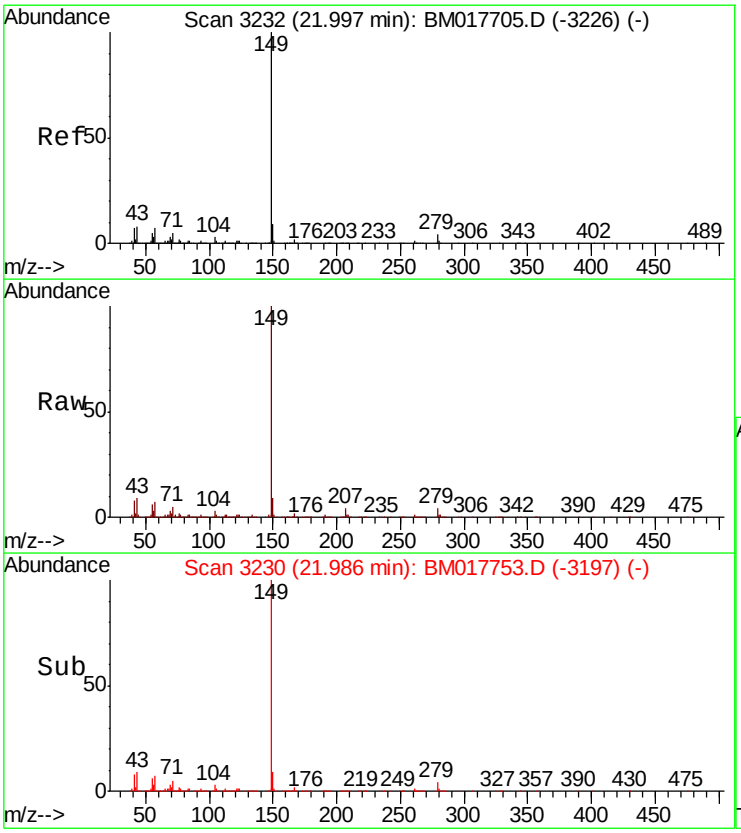
#84
Chrysene
Concen: 20.112 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:228 Resp: 1795785

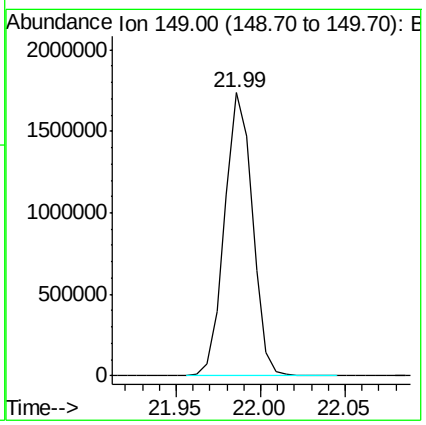
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	19.2	15.8	23.8

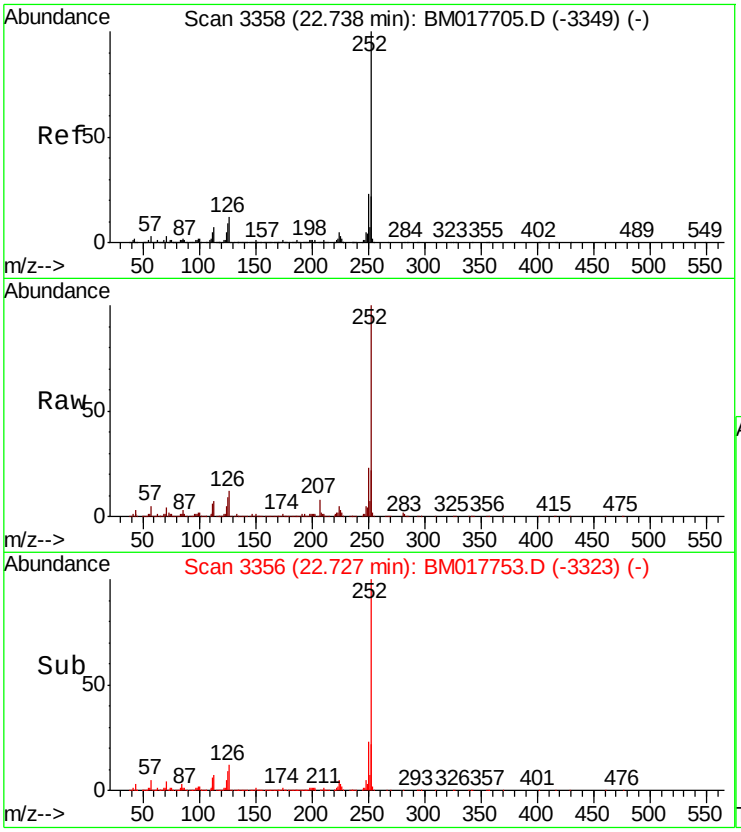




#86
Di-n-octyl phthalate
Concen: 19.599 ng/ul
RT: 21.99 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:149 Resp: 1979038



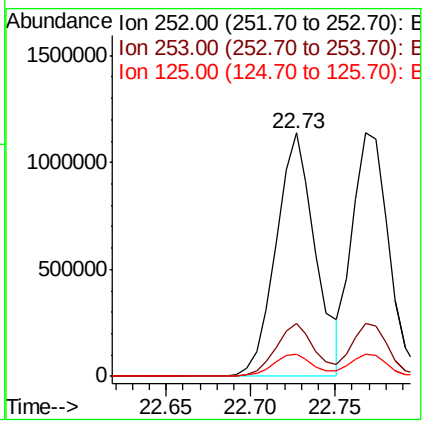


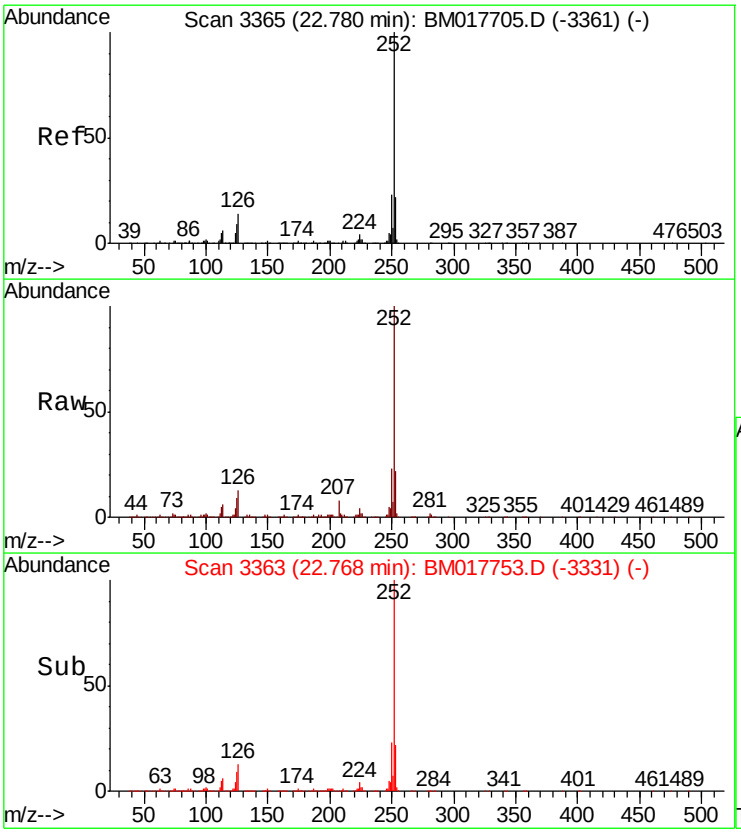
#87
Benzo(b)fluoranthene
Concen: 20.619 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:252 Resp: 1847718

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	9.3	7.3	10.9

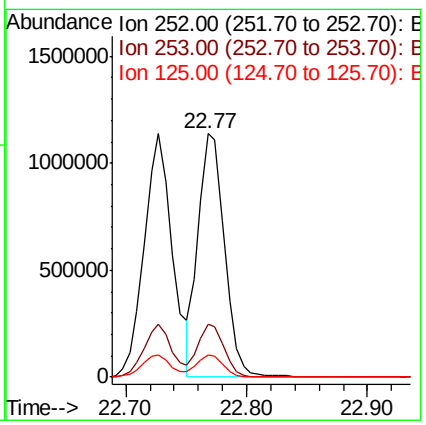


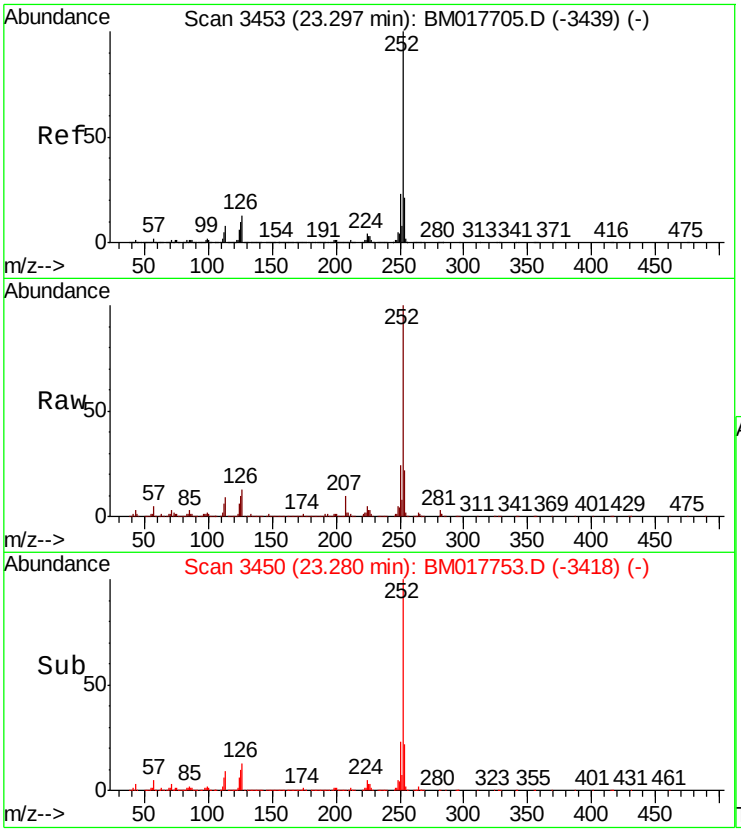


#88
Benzo(k)fluoranthene
Concen: 19.663 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:252 Resp: 1712561

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	9.3	7.1	10.7



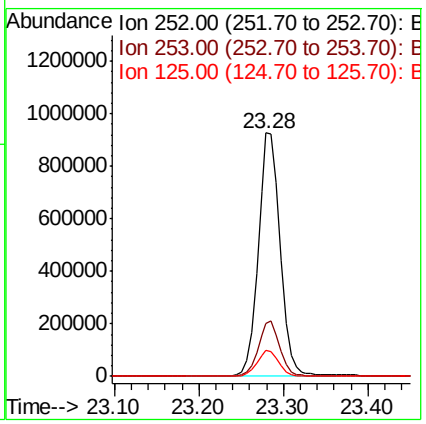


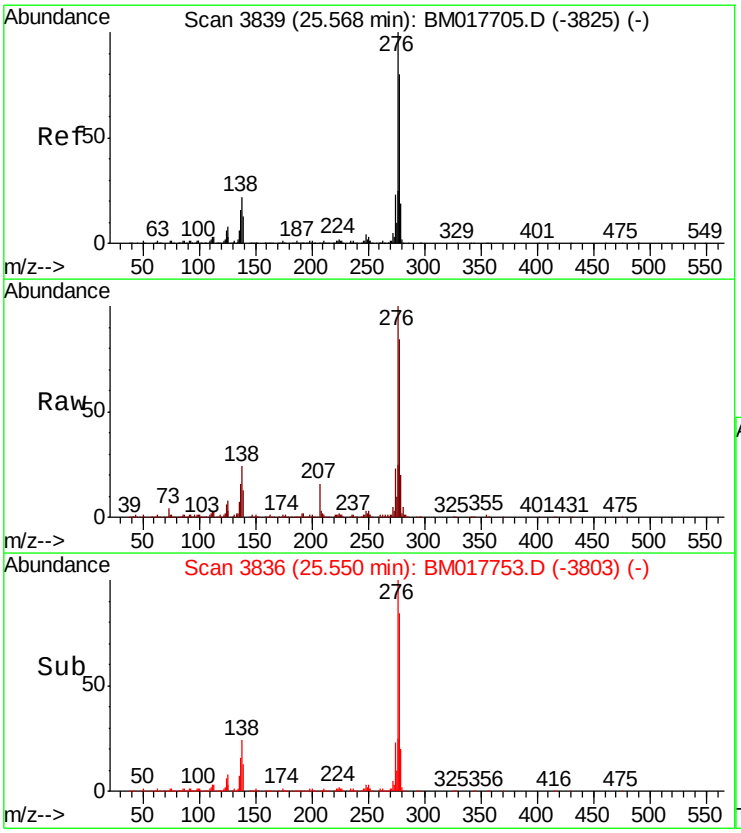
#90
Benzo(a)pyrene
Concen: 19.775 ng/ul
RT: 23.28 min Scan# 3450
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:252 Resp: 1680506

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	10.5	7.9	11.9

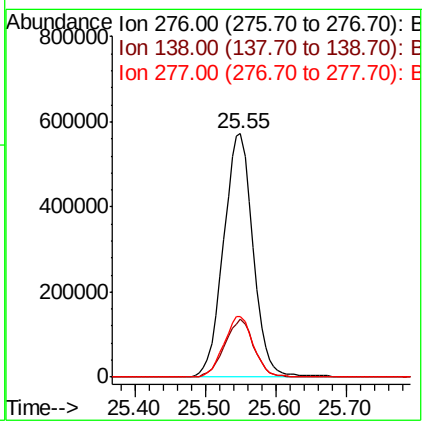


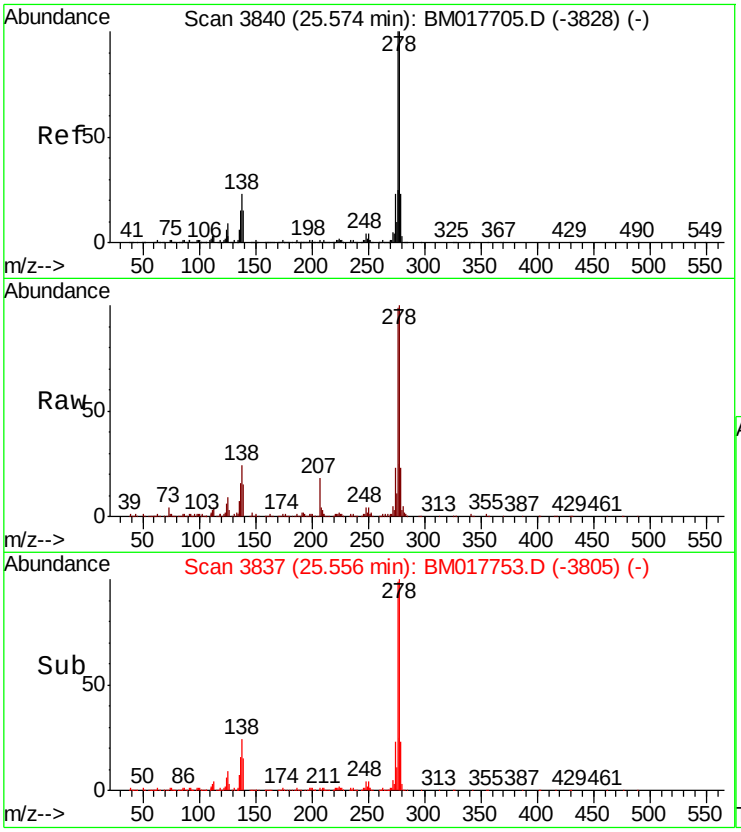


#91
Indeno(1,2,3-cd)pyrene
Concen: 18.481 ng/ul
RT: 25.55 min Scan# 3836
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:276 Resp: 1664132

Ion	Ratio	Lower	Upper
276	100		
138	23.7	18.2	27.2
277	25.1	20.2	30.4



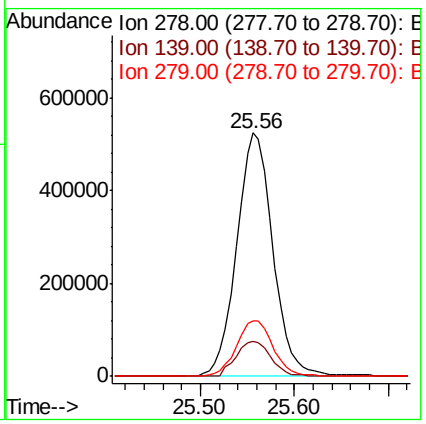


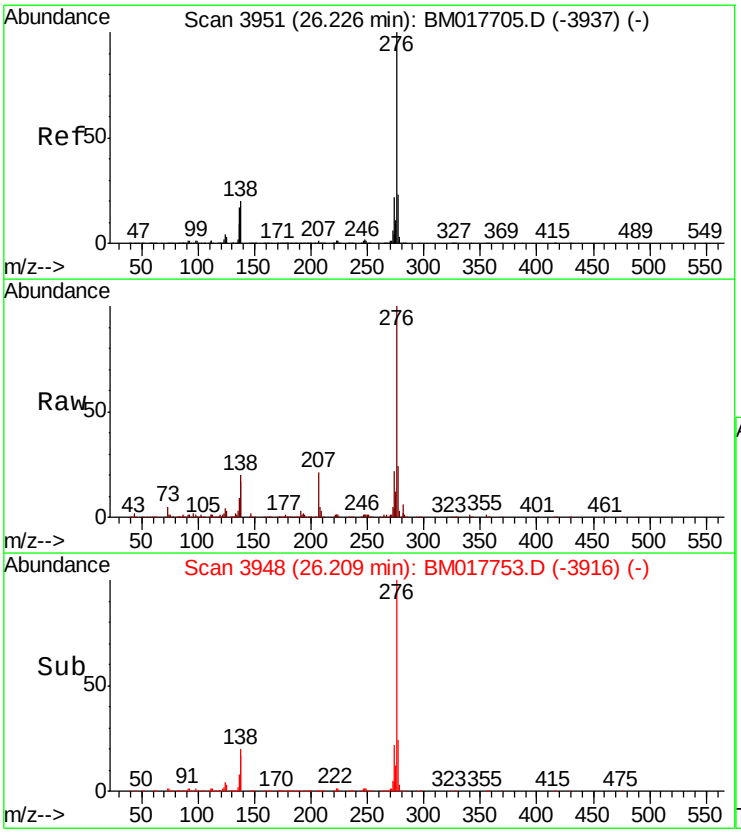
#92
Dibenzo(a,h)anthracene
Concen: 18.378 ng/ul
RT: 25.56 min Scan# 3837
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:278 Resp: 1397225

Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.5	17.3
279	22.9	18.9	28.3





#93
Benzo(g,h,i)perylene
Concen: 18.441 ng/ul
RT: 26.21 min Scan# 3948
Delta R.T. -0.01 min
Lab File: BM017753.D
Acq: 23 Nov 2018 10:05

Tgt Ion:276 Resp: 1342069

Ion	Ratio	Lower	Upper
276	100		
138	20.4	15.8	23.6
277	23.6	18.6	27.8