Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017063.D
Acq On : 08 Oct 2018 12:14
Operator : MJ/SJ
Sample : J5230-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YX2

Quant Time: Nov 08 11:33:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 17 07:58:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	204536	20.00	ng/ul	0.01
18) Naphthalene-d8	10.47	136	913916	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.33	164	491242	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1064347	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1164235	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	1205403	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	17635	4.29	ng/uL	0.00
5) Phenol-d5	6.87	99	505566	29.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	309336	29.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	422451	29.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	383687	28.64	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	206529	30.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	189707	27.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	425589	30.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	402725	23.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1215096	31.18	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	1617935	32.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	162578	22.08	ng/ul	0.00
58) Fluorene-d10	15.33	176	1104422	31.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	108831	17.34	ng/ul	0.00
71) Anthracene-d10	17.18	188	1650206	32.46	ng/ul	0.00
79) Pyrene-d10	19.48	212	1776632	33.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	2093969	33.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	80879	18.705	ng/uL	94
4) Benzaldehyde	6.85	77	409332	38.566	ng/ul	94
6) Phenol	6.90	94	681271	39.828	ng/ul	100
10) 2-Chlorophenol	7.26	128	353786	24.995	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	283010	28.558	ng/ul	100
20) Nitrobenzene	8.89	77	358343	22.696	ng/ul	99
23) 2-Nitrophenol	9.59	139	180644	23.528	ng/ul	96
27) 2,4-Dichlorophenol	10.12	162	359093	26.436	ng/ul	98
28) Naphthalene	10.52	128	843926	17.973	ng/ul	99
31) Hexachlorobutadiene	10.80	225	258545	27.994	ng/ul	98
33) 4-Chloro-3-methylphenol	11.76	107	585972	41.987	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	364482	21.608	ng/ul	98
39) 2,4,6-Trichlorophenol	12.75	196	387189	38.035	ng/ul	98
41) 1,1'-Biphenyl	13.16	154	1153464	28.481	ng/ul	99
42) 2-Chloronaphthalene	13.20	162	558514	17.506	ng/ul	99
45) Dimethylphthalate	13.80	163	865285	22.420	ng/ul	100
46) 2,6-Dinitrotoluene	13.92	165	145325	22.366	ng/ul#	86
50) Acenaphthene	14.40	153	767396	22.633	ng/ul	99
53) 4-Nitrophenol	14.55	109	117688	22.010	ng/ul	98
54) Dibenzofuran	14.73	168	885239	18.490	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.96	232	203447	20.752	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.39	204	350022	17.205	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.47	198	212478	31.938	ng/ul	97

Quantitation Report (QT/LSC Reviewed)

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Operator : MJ/SJ
Sample : J5230-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
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Quant Time: Nov 08 11:33:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 17 07:58:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
67) Hexachlorobenzene	16.39	284	275684	20.420 ng/ul	98
69) Pentachlorophenol	16.73	266	247153	30.364 ng/ul	97
70) Phenanthrene	17.12	178	1099822	18.429 ng/ul	99
72) Anthracene	17.22	178	1284468	21.182 ng/ul	100
75) Carbazole	17.49	167	1099251	20.946 ng/ul	99
76) Di-n-butylphthalate	18.06	149	1005805	17.143 ng/ul	100
77) Fluoranthene	19.14	202	2785949	40.301 ng/ul	100
80) Pyrene	19.50	202	2015374	29.877 ng/ul	99
81) Butylbenzylphthalate	20.42	149	328908	14.131 ng/ul	99
83) Benzo(a)anthracene	21.26	228	2467051	35.323 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	665618	18.451 ng/ul	100
85) Chrysene	21.31	228	1718864	25.446 ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	1892732	26.370 ng/ul	99
91) Benzo(a)pyrene	23.40	252	1657281	23.958 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.72	276	2286076	27.993 ng/ul	99
93) Dibenzo(a,h)anthracene	25.73	278	1484499	21.836 ng/ul	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
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Operator : MJ/SJ
Sample : J5230-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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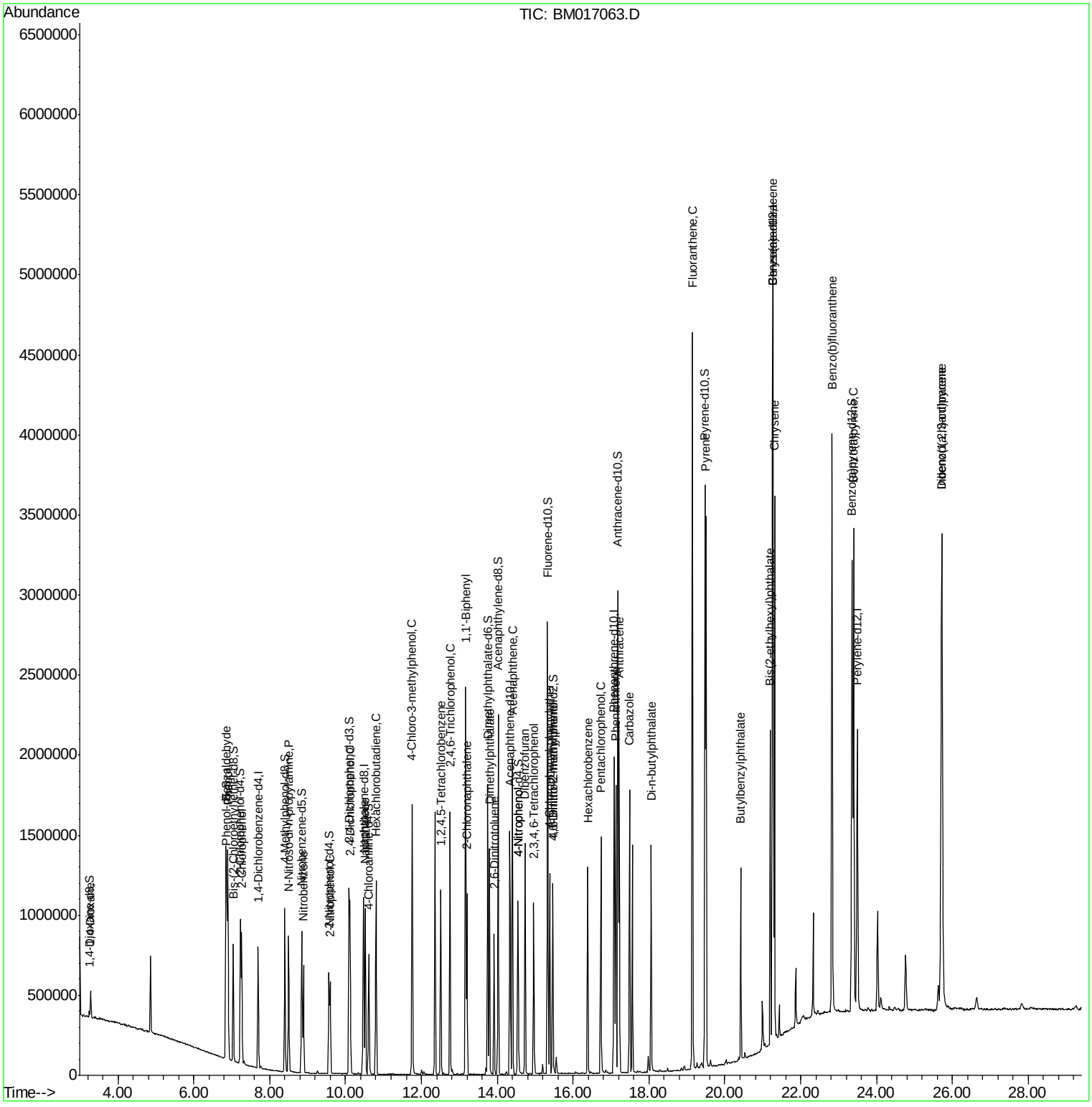
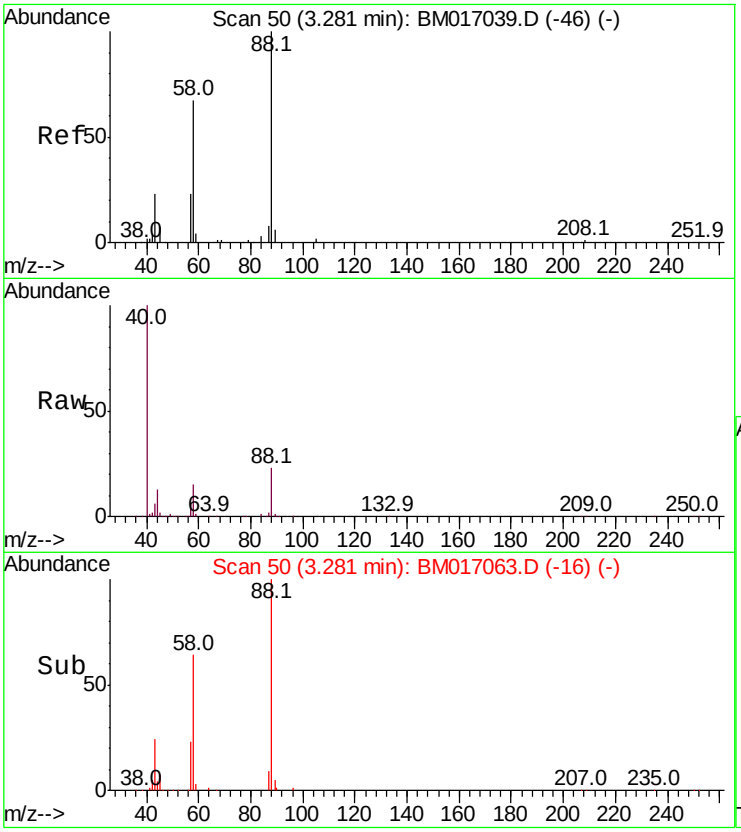
Quant Time: Nov 08 11:33:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 17 07:58:18 2018
Response via : Initial Calibration



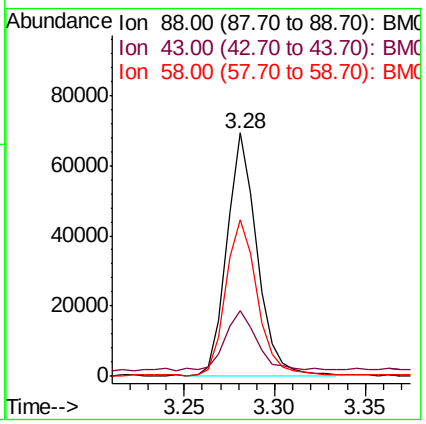


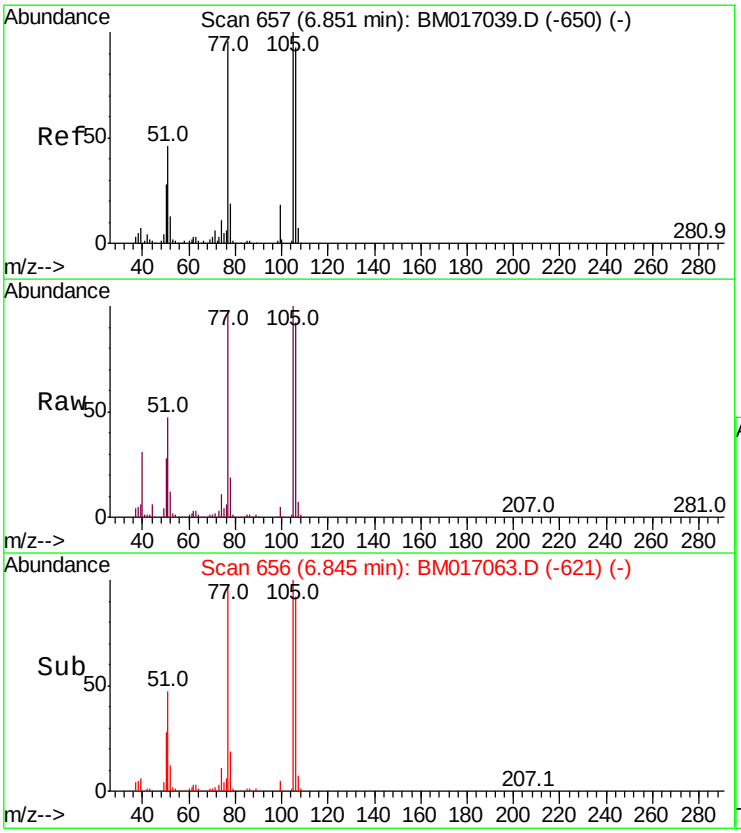
#2
1,4-Dioxane
Concen: 18.705 ng/uL
RT: 3.28 min Scan# 50
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion: 88 Resp: 80879

Ion	Ratio	Lower	Upper
88	100		
43	27.1	25.0	37.4
58	64.5	55.0	82.4

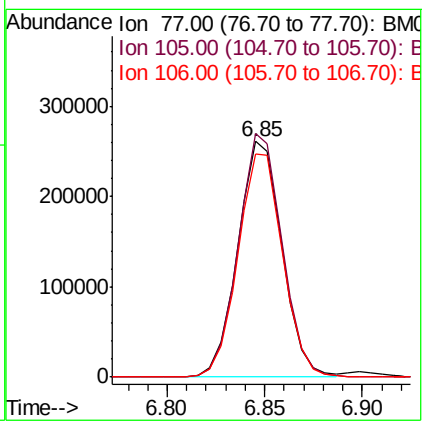


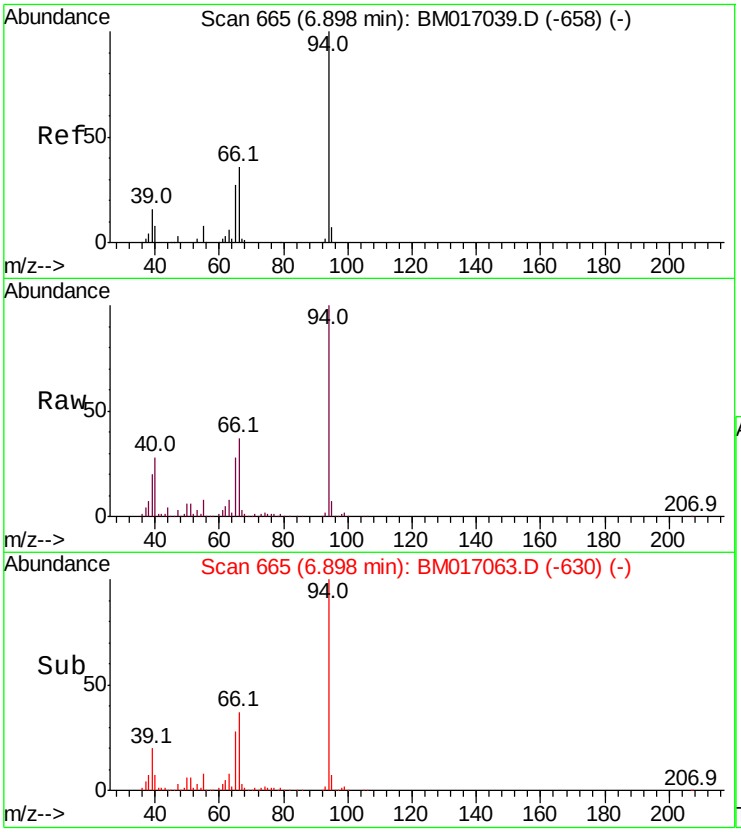


#4
Benzaldehyde
Concen: 38.566 ng/ul
RT: 6.85 min Scan# 656
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion: 77 Resp: 409332

Ion	Ratio	Lower	Upper
77	100		
105	103.5	75.4	113.2
106	94.8	73.8	110.8



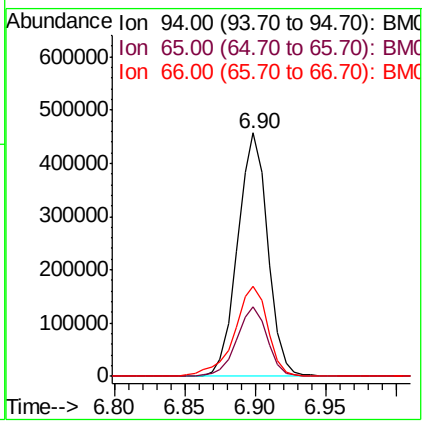


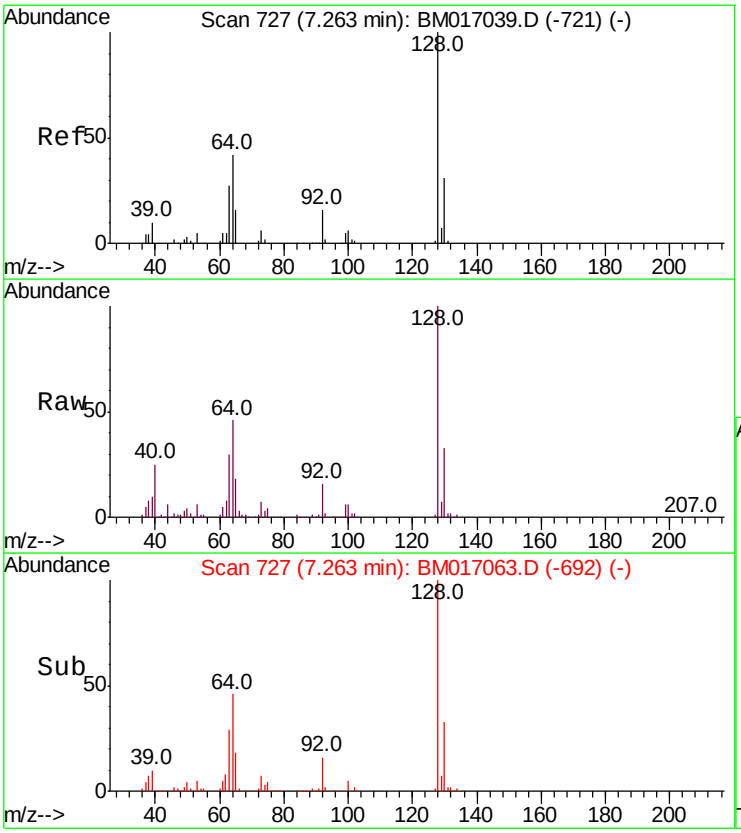
#6
Phenol
Concen: 39.828 ng/ul
RT: 6.90 min Scan# 665
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion: 94 Resp: 681271

Ion	Ratio	Lower	Upper
94	100		
65	28.4	22.8	34.2
66	36.9	29.5	44.3

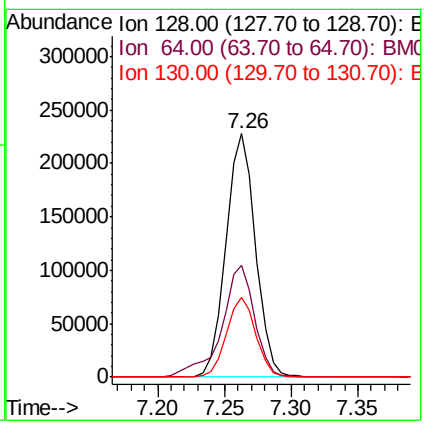


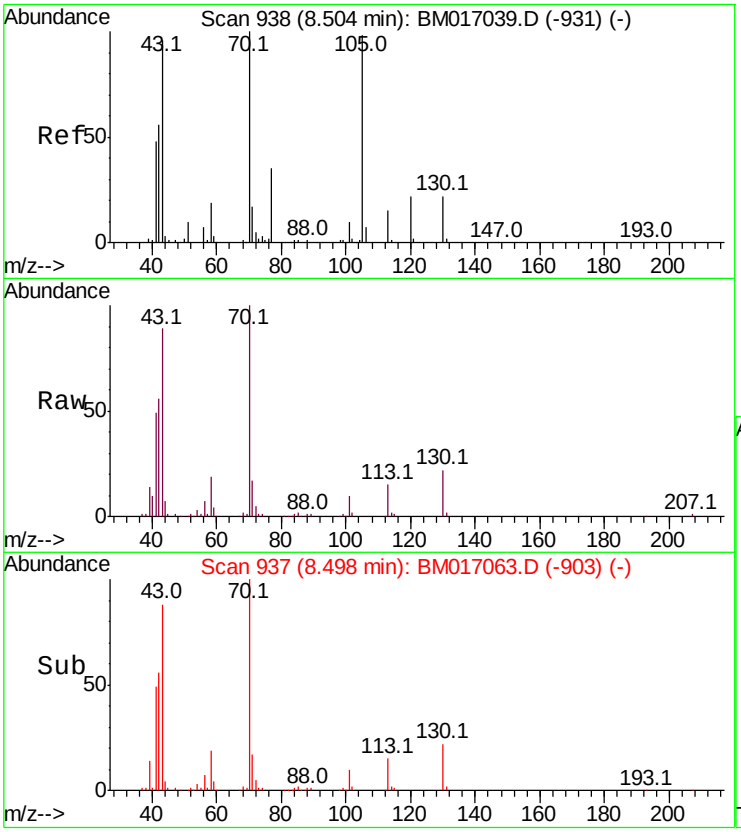


#10
2-Chlorophenol
Concen: 24.995 ng/ul
RT: 7.26 min Scan# 727
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:128 Resp: 353786

Ion	Ratio	Lower	Upper
128	100		
64	45.8	37.2	55.8
130	32.7	26.1	39.1



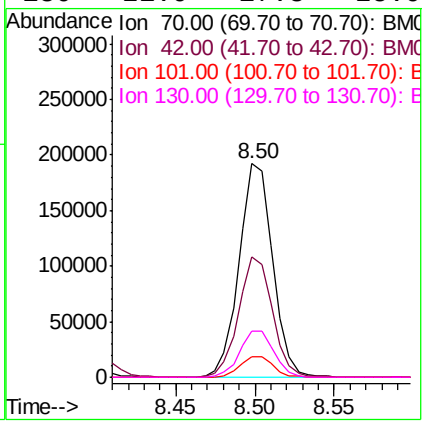


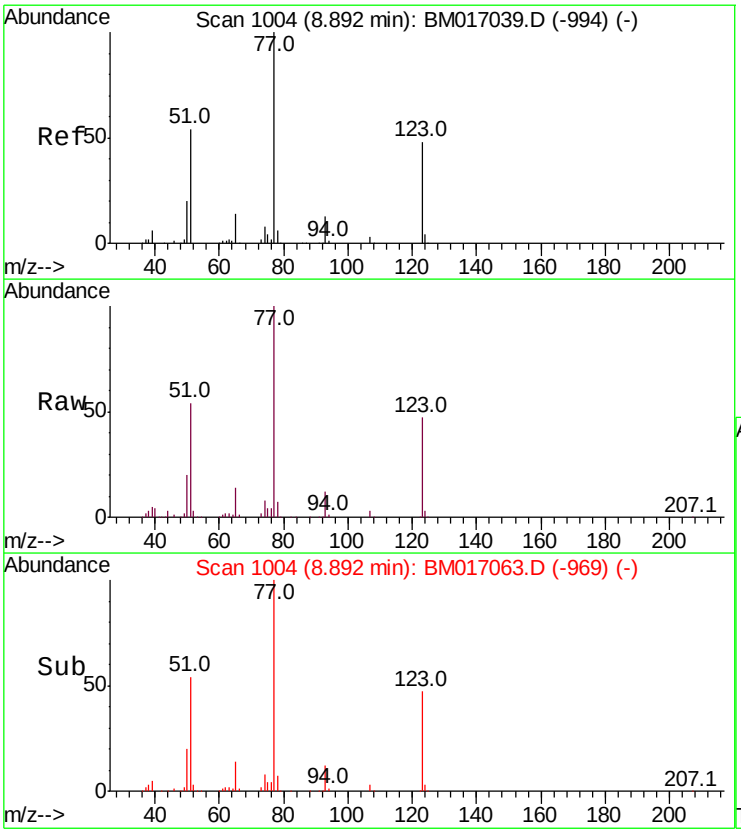
#15
N-Nitroso-di-n-propylamine
Concen: 28.558 ng/ul
RT: 8.50 min Scan# 937
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion: 70 Resp: 283010

Ion	Ratio	Lower	Upper
70	100		
42	56.4	45.1	67.7
101	9.8	7.5	11.3
130	21.9	17.3	25.9

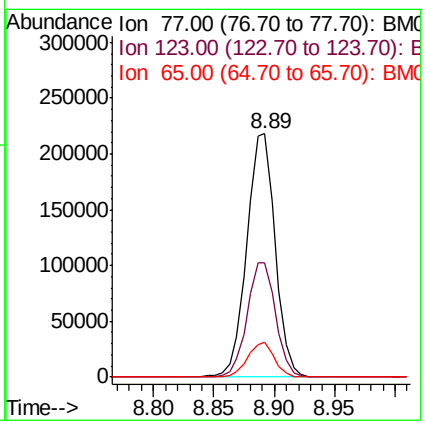


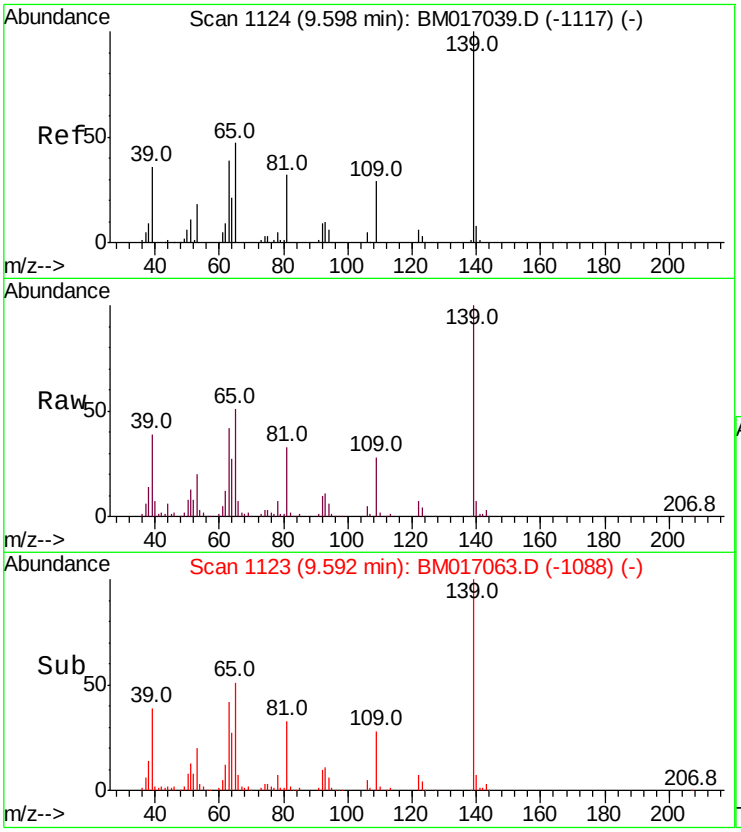


#20
Nitrobenzene
Concen: 22.696 ng/ul
RT: 8.89 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion: 77 Resp: 358343

Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.6	56.4
65	14.2	10.1	15.1



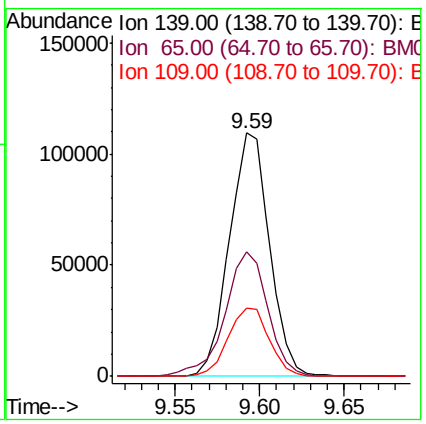


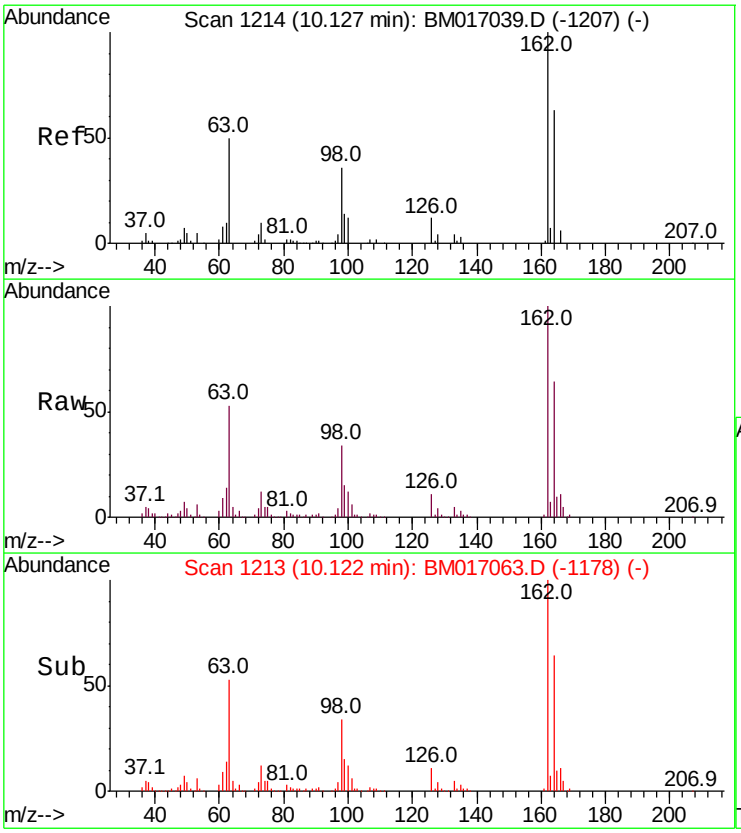
#23
2-Nitrophenol
Concen: 23.528 ng/ul
RT: 9.59 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion:139 Resp: 180644

Ion	Ratio	Lower	Upper
139	100		
65	51.4	38.2	57.2
109	28.2	22.7	34.1

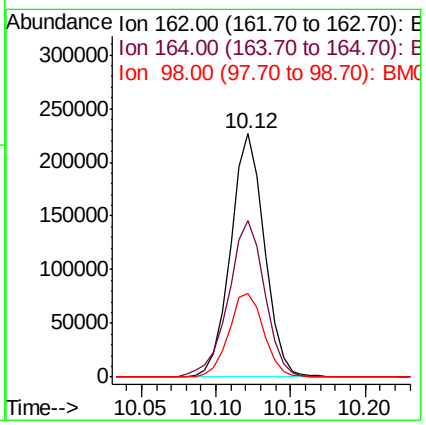


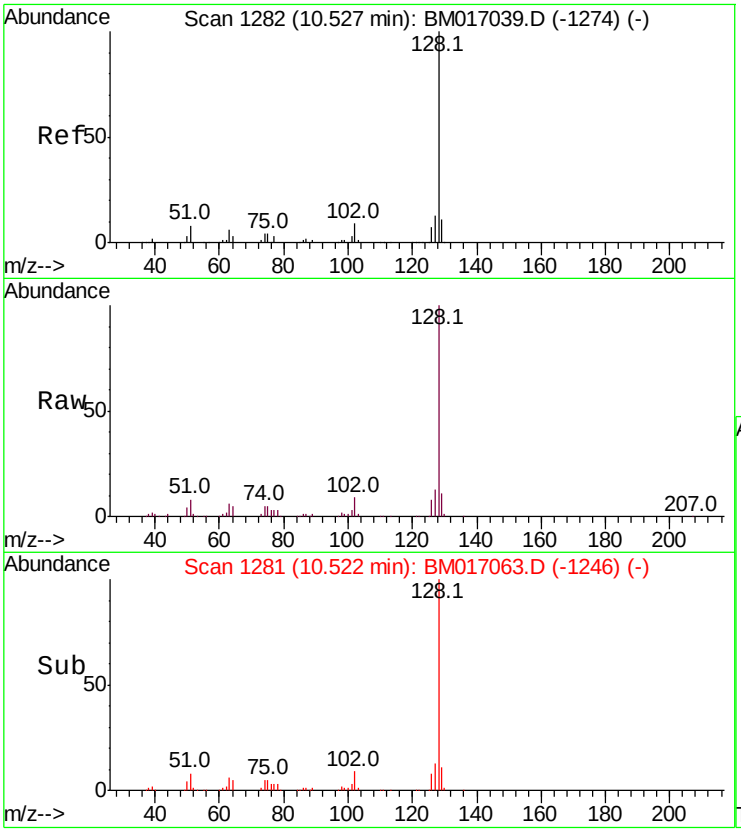


#27
2,4-Dichlorophenol
Concen: 26.436 ng/ul
RT: 10.12 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:162 Resp: 359093

Ion	Ratio	Lower	Upper
162	100		
164	64.3	52.4	78.6
98	34.5	28.4	42.6



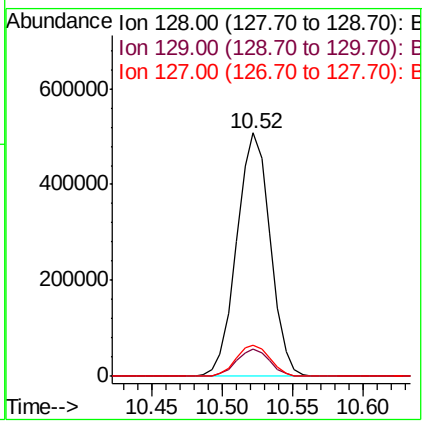


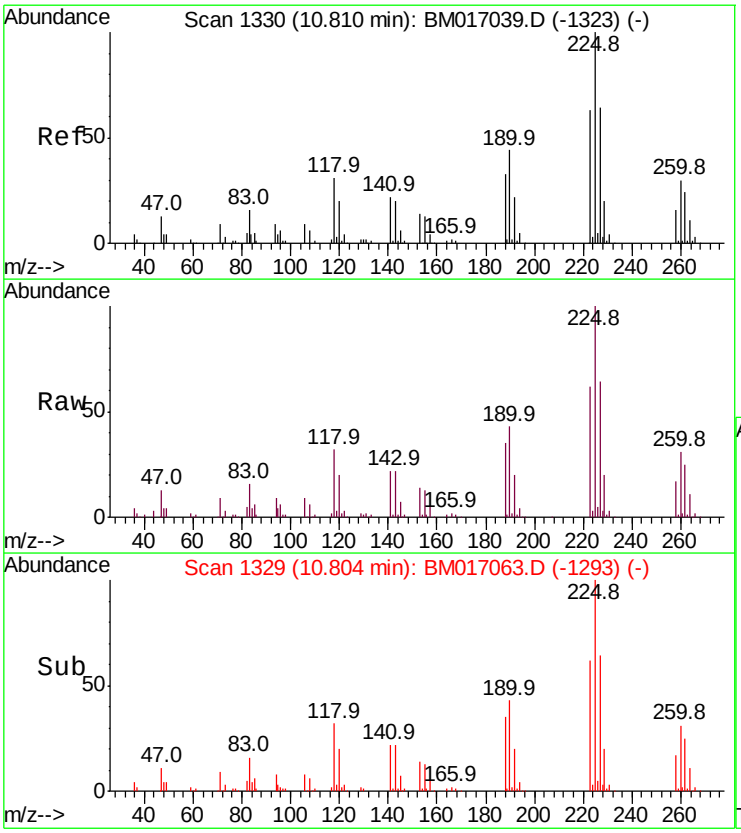
#28
Naphthalene
Concen: 17.973 ng/ul
RT: 10.52 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion:128 Resp: 843926

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.8	10.5	15.7

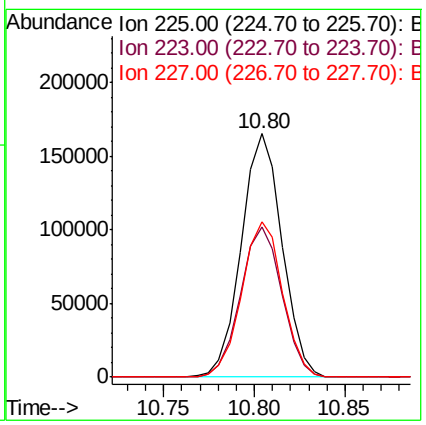


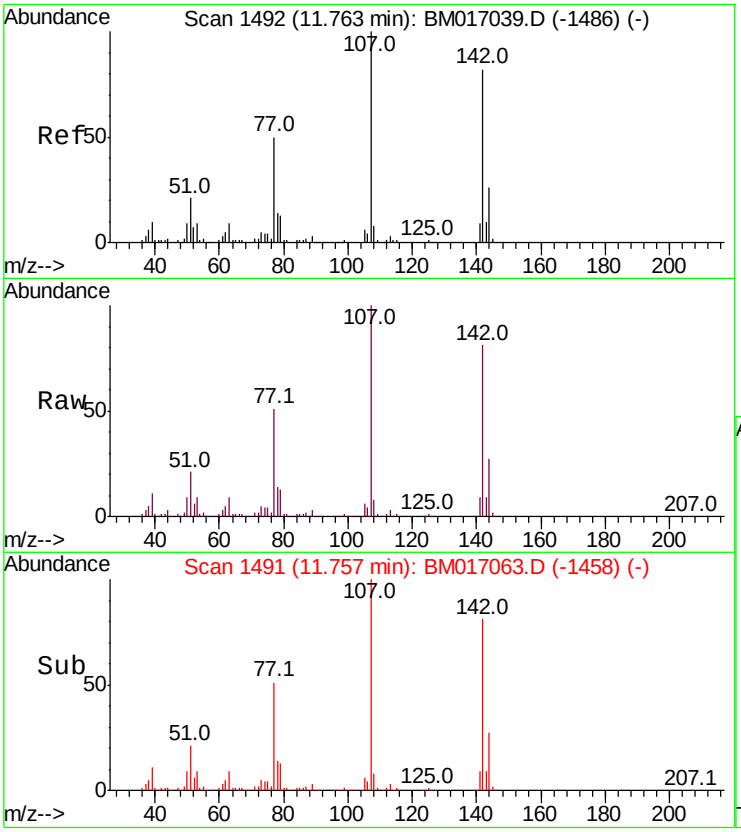


#31
Hexachlorobutadiene
Concen: 27.994 ng/ul
RT: 10.80 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:225 Resp: 258545

Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.6	72.8
227	63.6	49.6	74.4



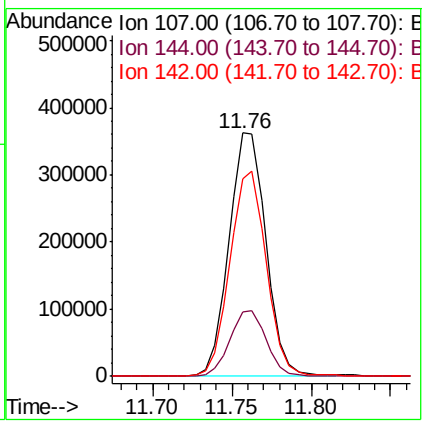


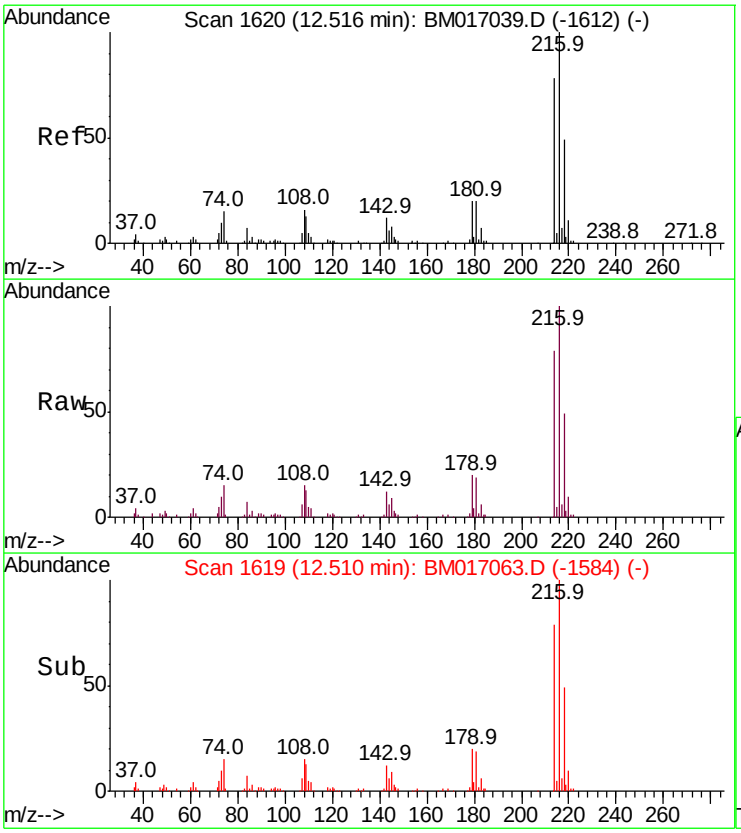
#33
4-Chloro-3-methylphenol
Concen: 41.987 ng/ul
RT: 11.76 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion:107 Resp: 585972

Ion	Ratio	Lower	Upper
107	100		
144	26.5	22.2	33.4
142	81.0	67.0	100.6

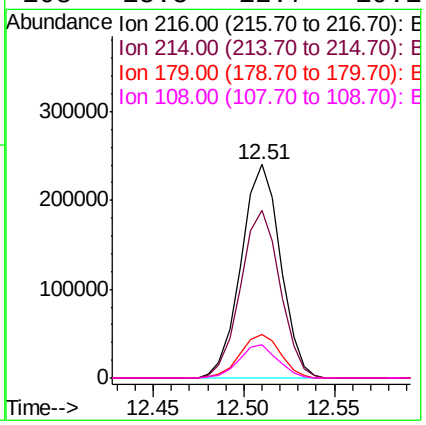


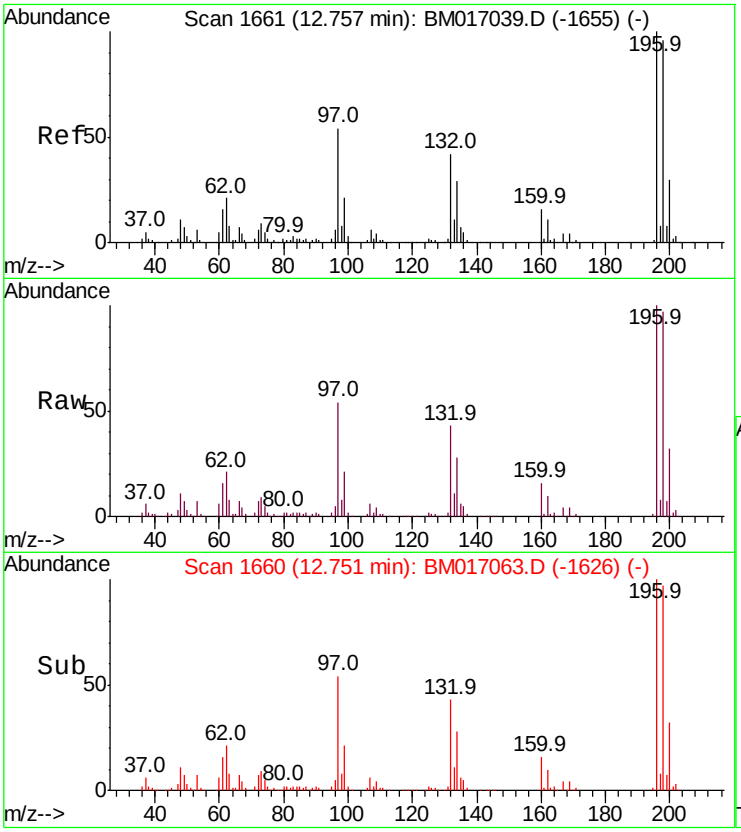


#37
1,2,4,5-Tetrachlorobenzene
Concen: 21.608 ng/ul
RT: 12.51 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:216 Resp: 364482

Ion	Ratio	Lower	Upper
216	100		
214	78.8	61.0	91.6
179	20.5	16.6	24.8
108	15.5	12.7	19.1



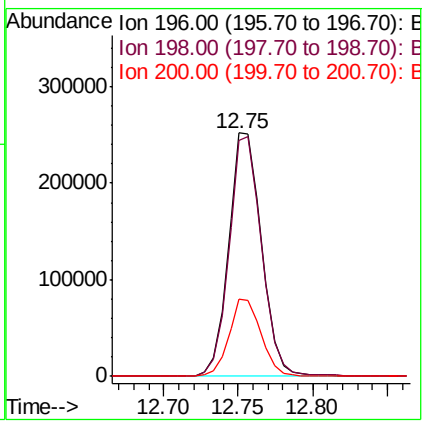


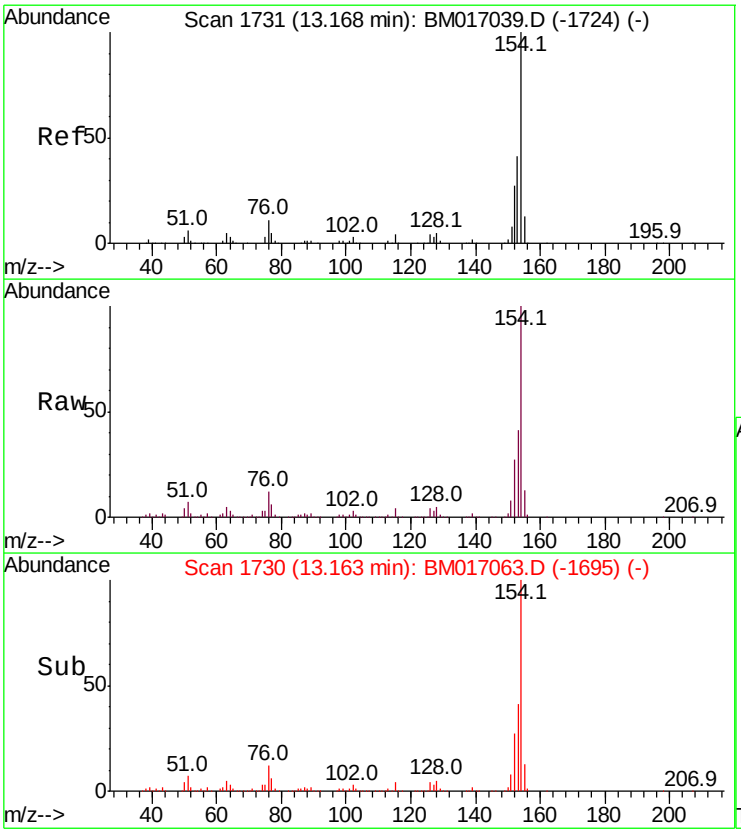
#39
2,4,6-Trichlorophenol
Concen: 38.035 ng/ul
RT: 12.75 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion:196 Resp: 387189

Ion	Ratio	Lower	Upper
196	100		
198	96.9	79.9	119.9
200	32.0	25.6	38.4

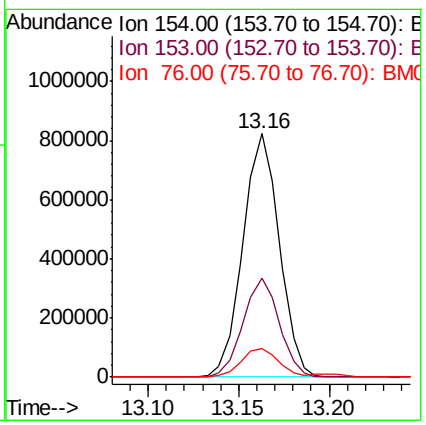


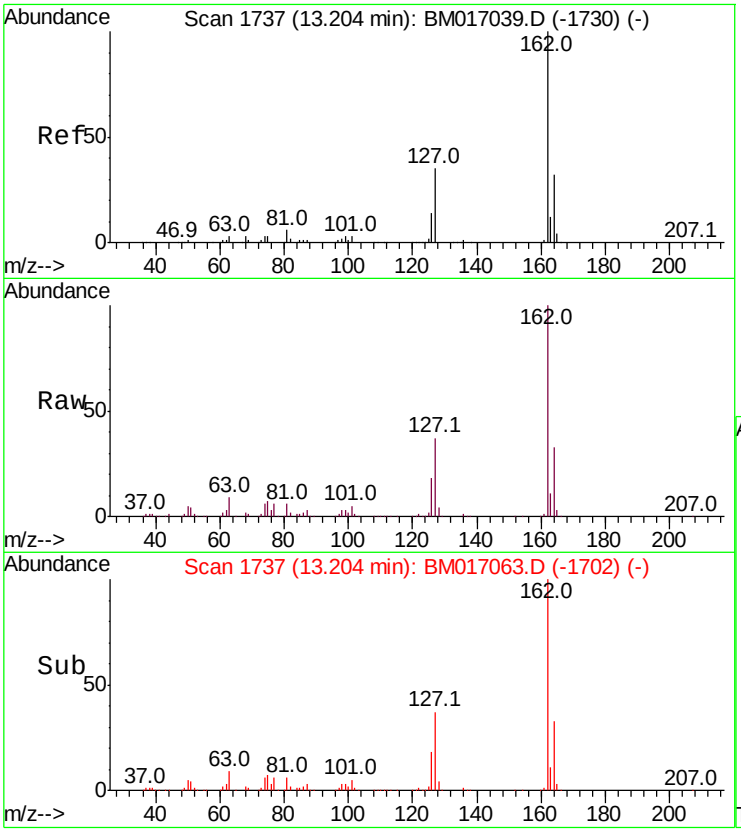


#41
1,1'-Biphenyl
Concen: 28.481 ng/ul
RT: 13.16 min Scan# 1730
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:154 Resp: 1153464

Ion	Ratio	Lower	Upper
154	100		
153	40.6	32.0	48.0
76	12.0	10.2	15.2



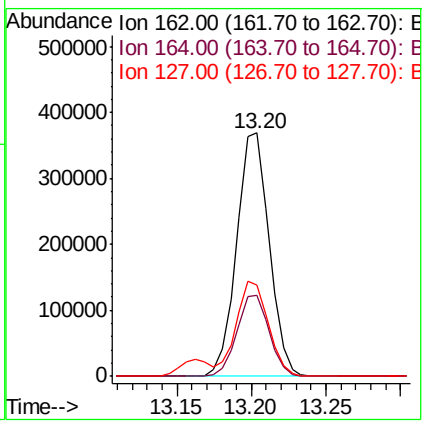


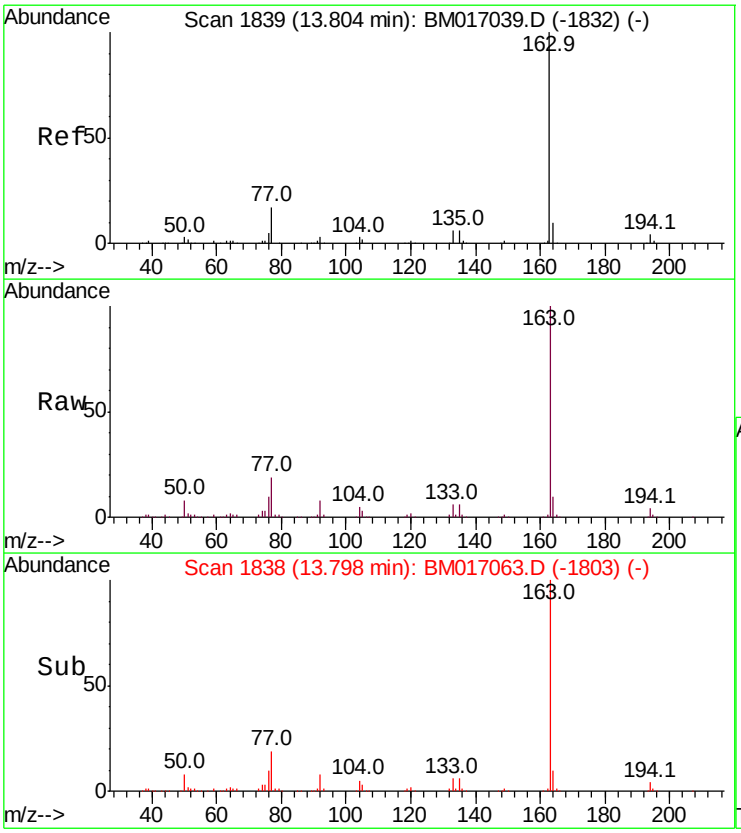
#42
2-Chloronaphthalene
Concen: 17.506 ng/ul
RT: 13.20 min Scan# 1737
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion:162 Resp: 558514

Ion	Ratio	Lower	Upper
162	100		
164	33.3	26.9	40.3
127	37.4	30.7	46.1

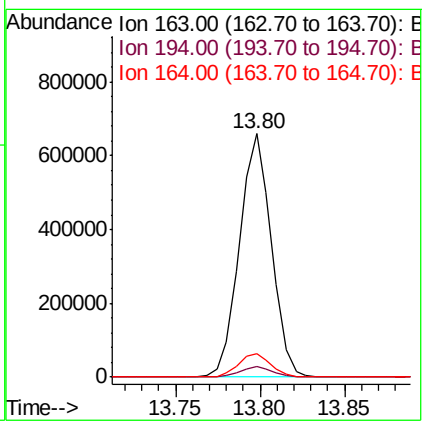


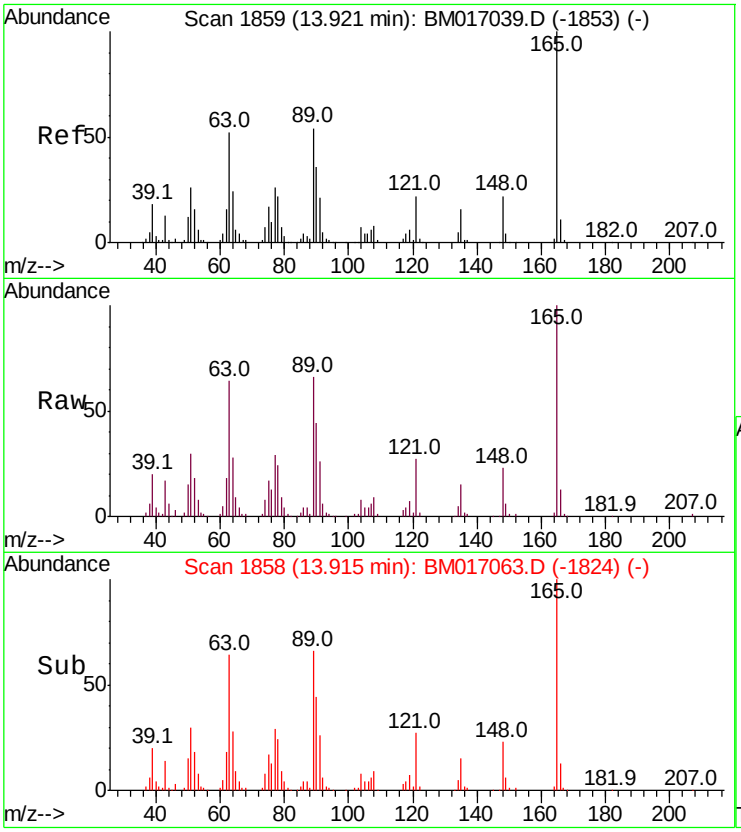


#45
Dimethylphthalate
Concen: 22.420 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:163 Resp: 865285

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.8	8.0	12.0



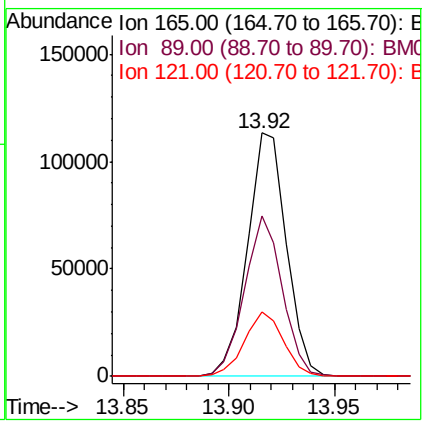


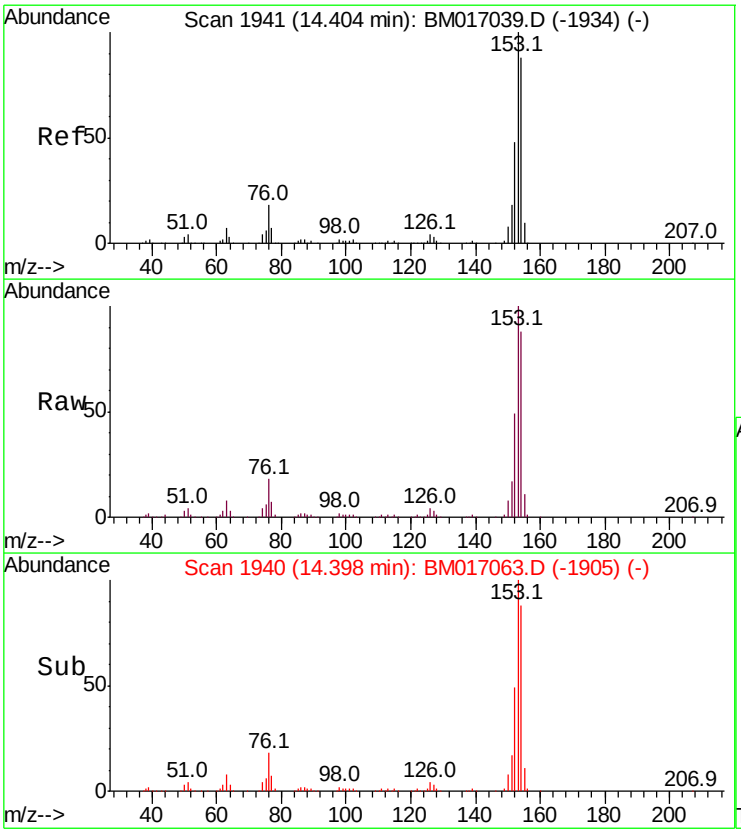
#46
2,6-Dinitrotoluene
Concen: 22.366 ng/ul
RT: 13.92 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion:165 Resp: 145325

Ion	Ratio	Lower	Upper
165	100		
89	65.8	43.0	64.6#
121	26.6	18.0	27.0

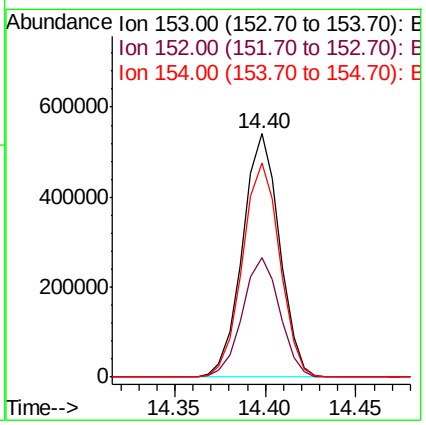


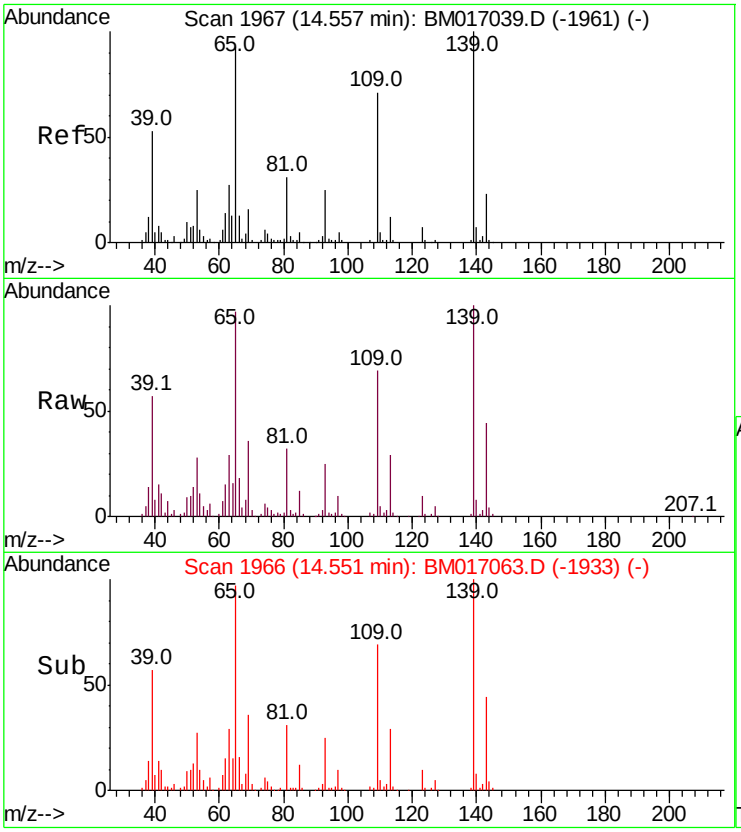


#50
Acenaphthene
Concen: 22.633 ng/ul
RT: 14.40 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:153 Resp: 767396

Ion	Ratio	Lower	Upper
153	100		
152	49.0	38.3	57.5
154	87.9	71.0	106.6



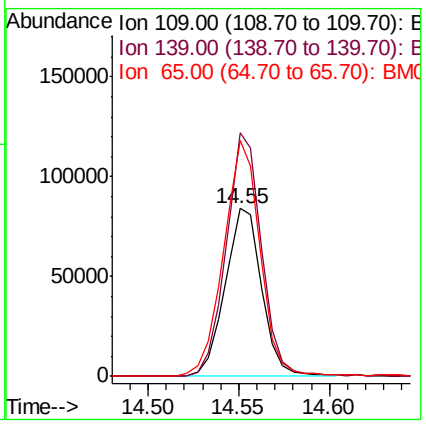


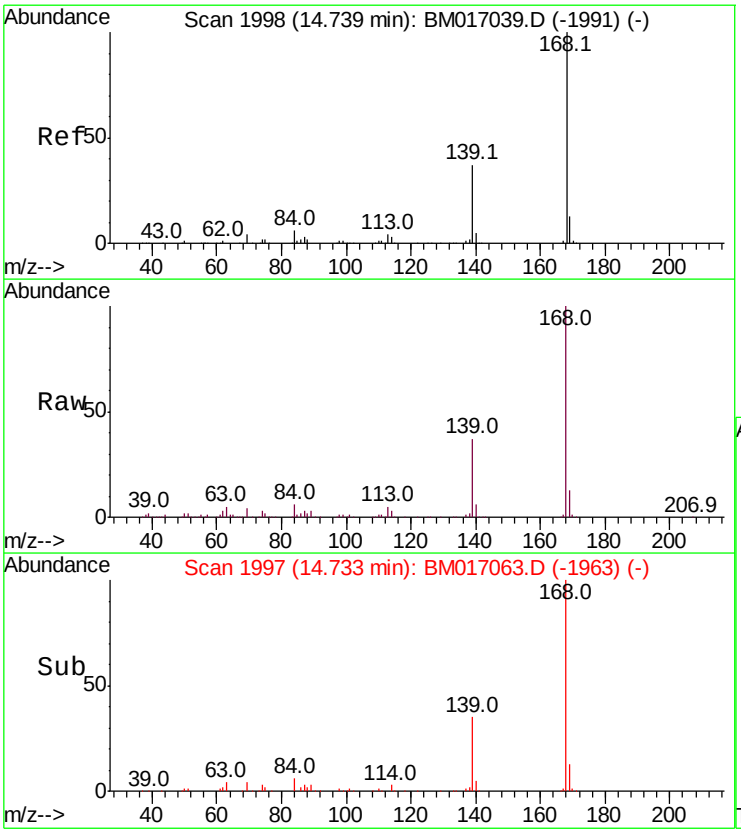
#53
4-Nitrophenol
Concen: 22.010 ng/ul
RT: 14.55 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion:109 Resp: 117688

Ion	Ratio	Lower	Upper
109	100		
139	145.1	114.1	171.1
65	140.4	109.8	164.6

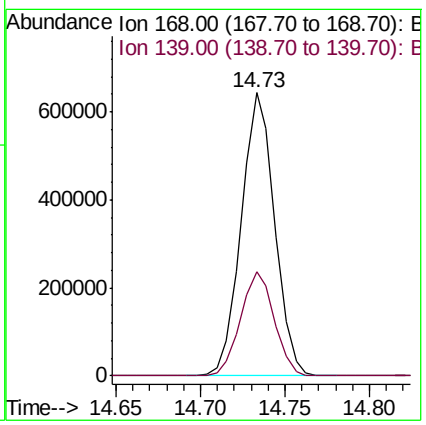


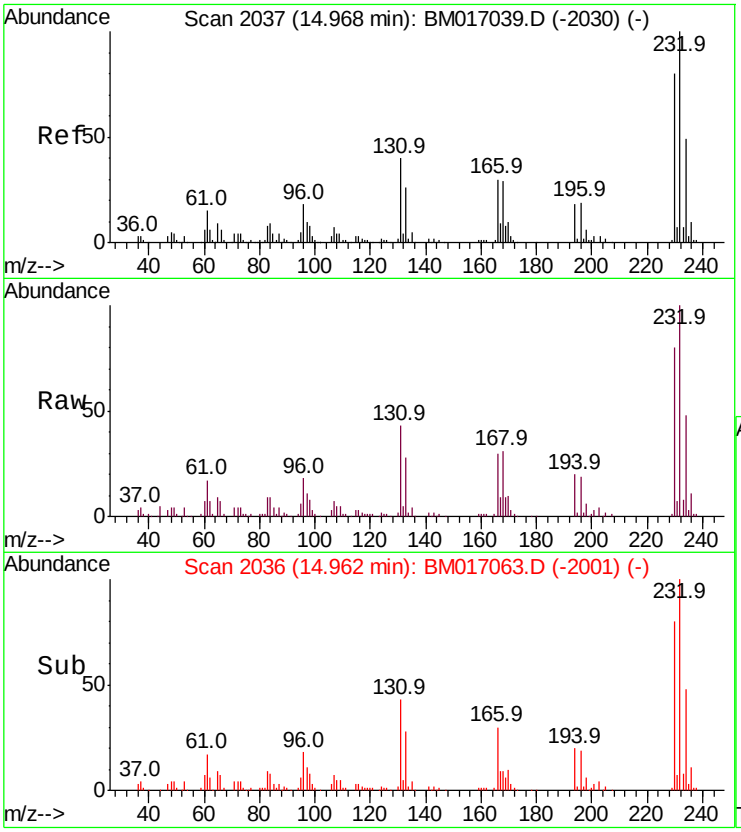


#54
Dibenzofuran
Concen: 18.490 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:168 Resp: 885239

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.8	44.6



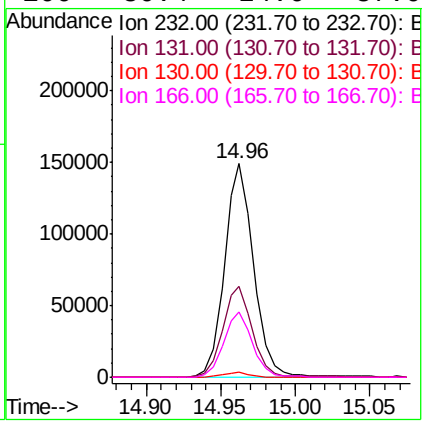


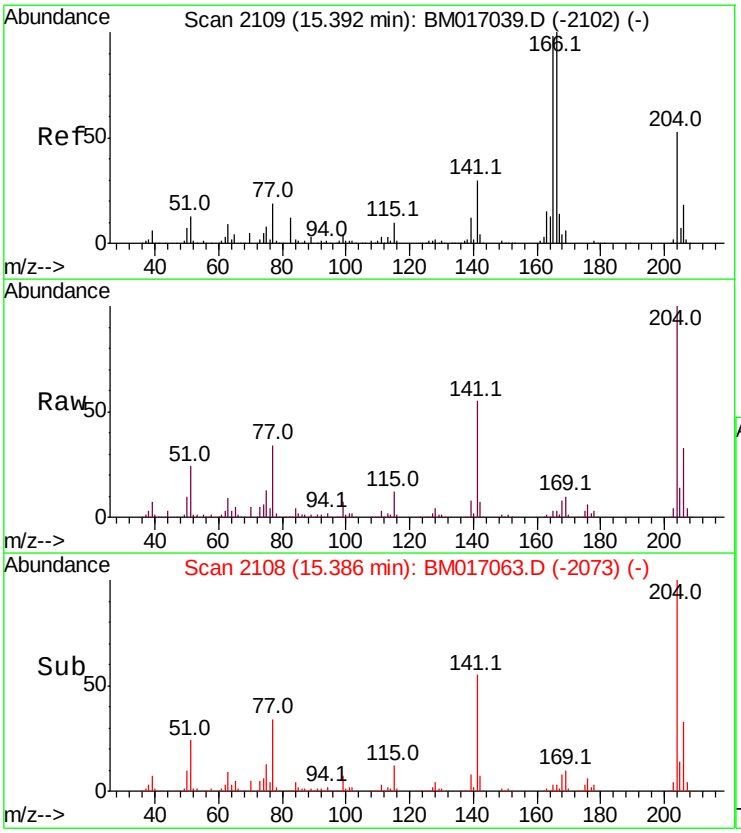
#56
2,3,4,6-Tetrachlorophenol
Concen: 20.752 ng/ul
RT: 14.96 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion:232 Resp: 203447

Ion	Ratio	Lower	Upper
232	100		
131	42.8	33.8	50.6
130	2.2	1.7	2.5
166	30.4	24.6	37.0

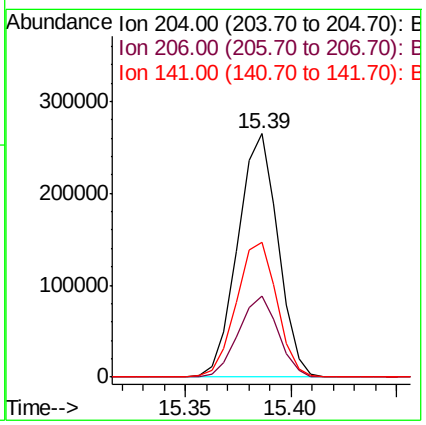


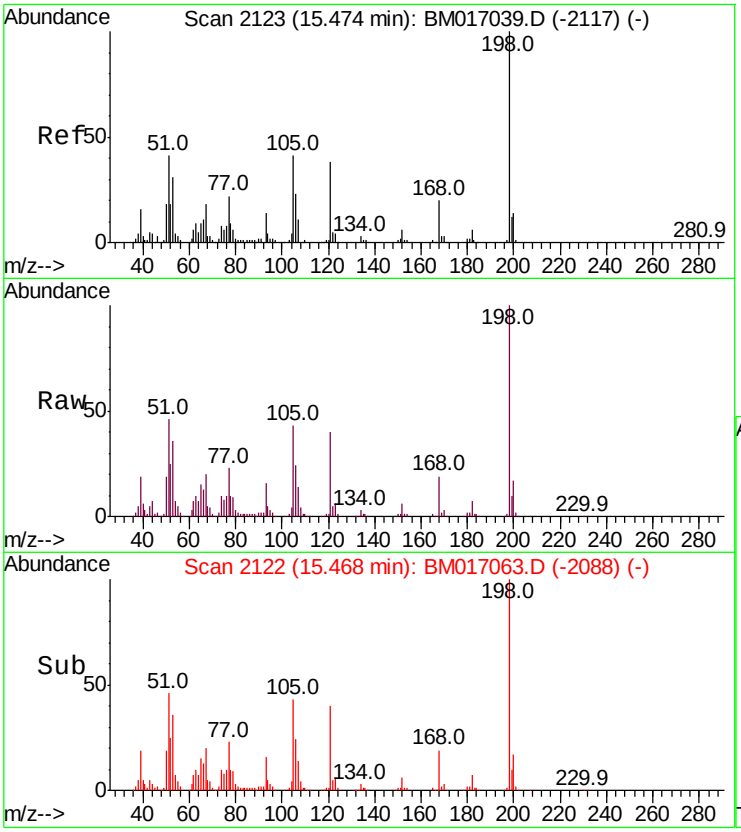


#60
4-Chlorophenyl-phenylether
Concen: 17.205 ng/ul
RT: 15.39 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:204 Resp: 350022

Ion	Ratio	Lower	Upper
204	100		
206	33.5	25.8	38.8
141	55.3	44.2	66.4



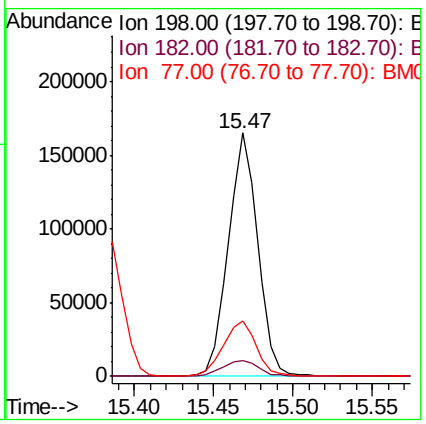


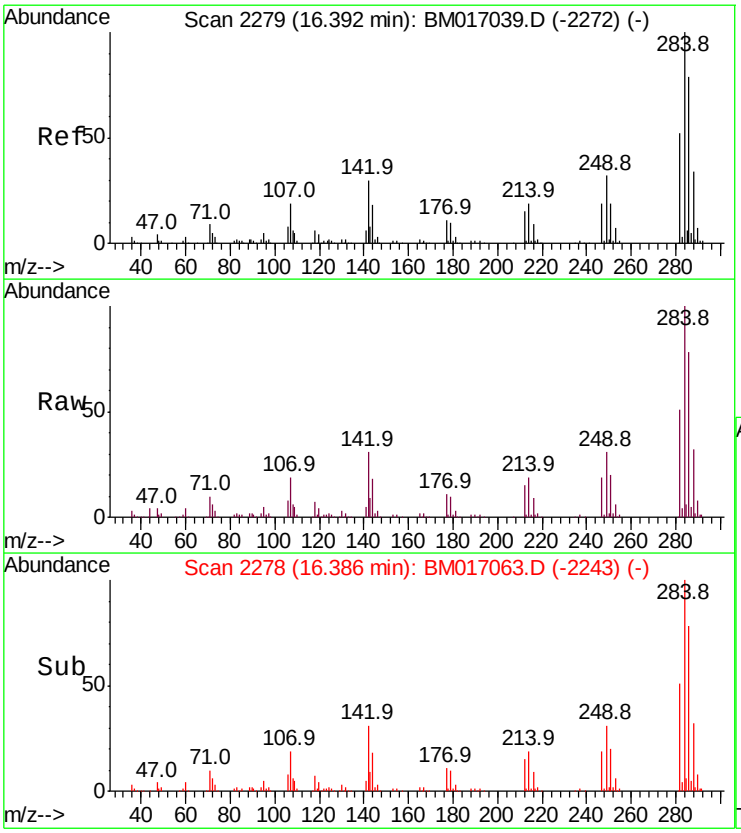
#64
4,6-Dinitro-2-methylphenol
Concen: 31.938 ng/ul
RT: 15.47 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion:198 Resp: 212478

Ion	Ratio	Lower	Upper
198	100		
182	6.7	5.1	7.7
77	22.7	16.9	25.3

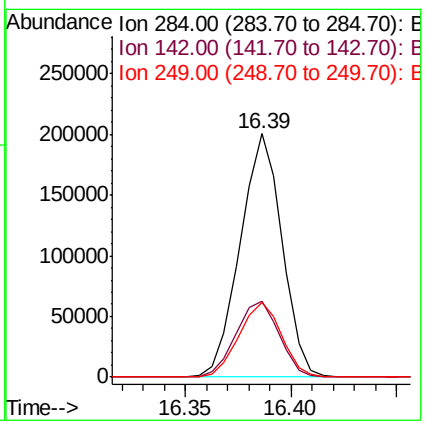


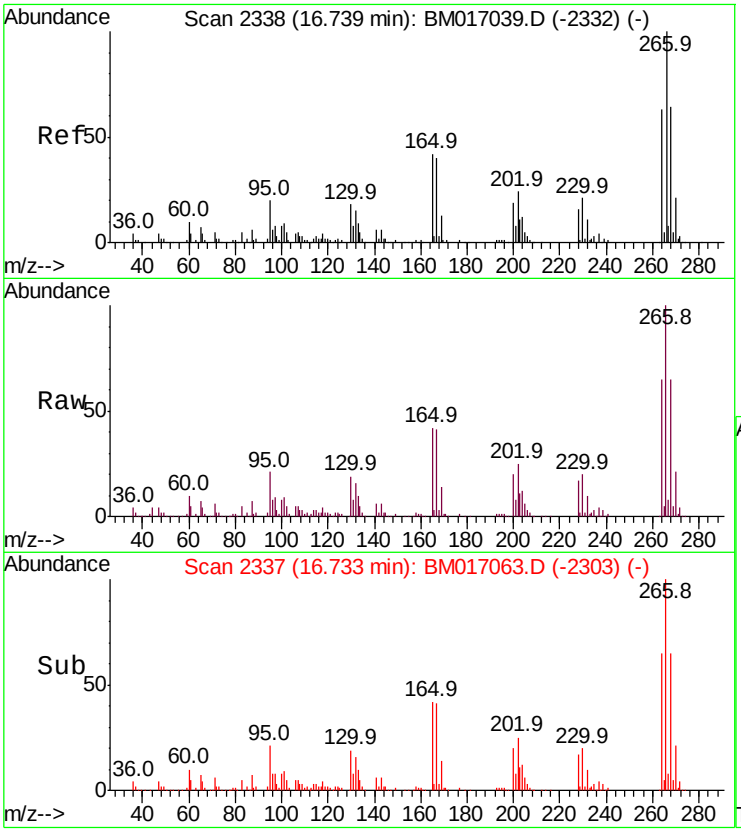


#67
Hexachlorobenzene
Concen: 20.420 ng/ul
RT: 16.39 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:284 Resp: 275684

Ion	Ratio	Lower	Upper
284	100		
142	31.2	25.8	38.6
249	30.7	25.4	38.2



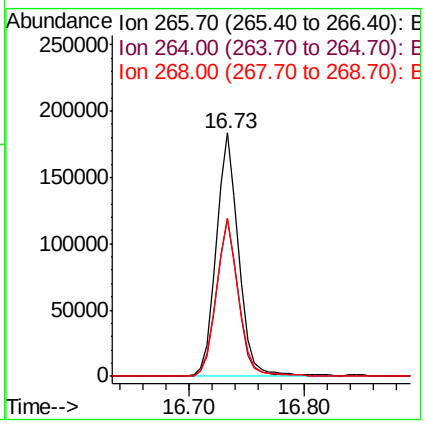


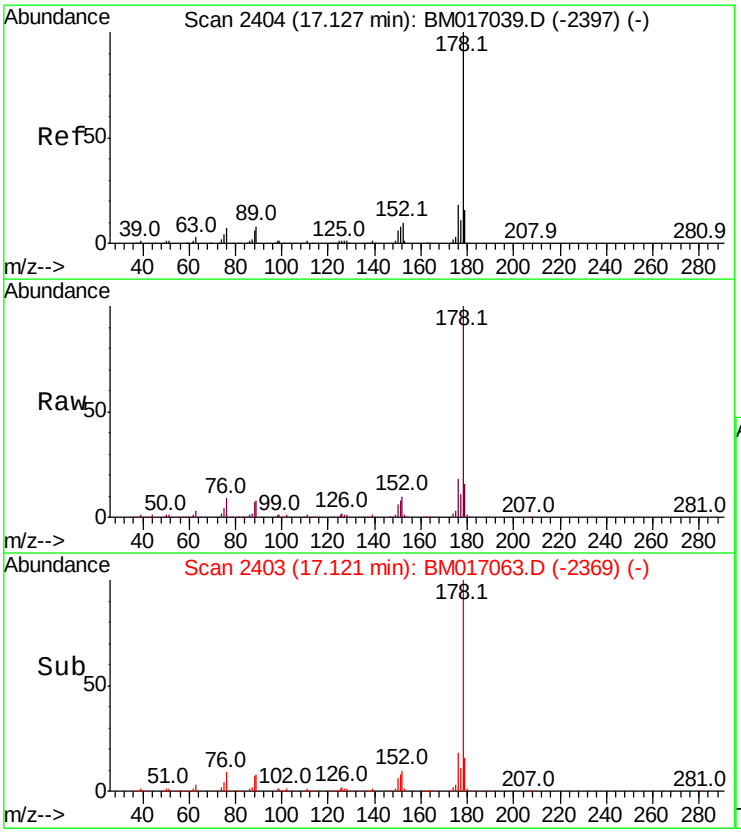
#69
Pentachlorophenol
Concen: 30.364 ng/ul
RT: 16.73 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion:266 Resp: 247153

Ion	Ratio	Lower	Upper
266	100		
264	64.9	50.4	75.6
268	64.7	53.6	80.4

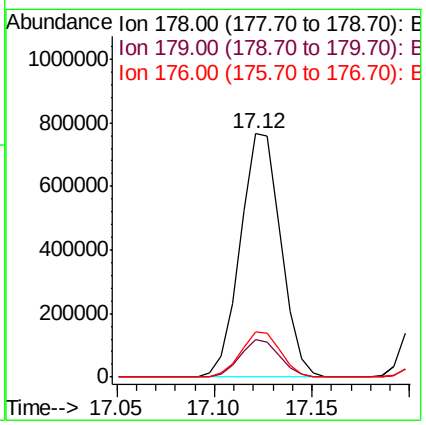


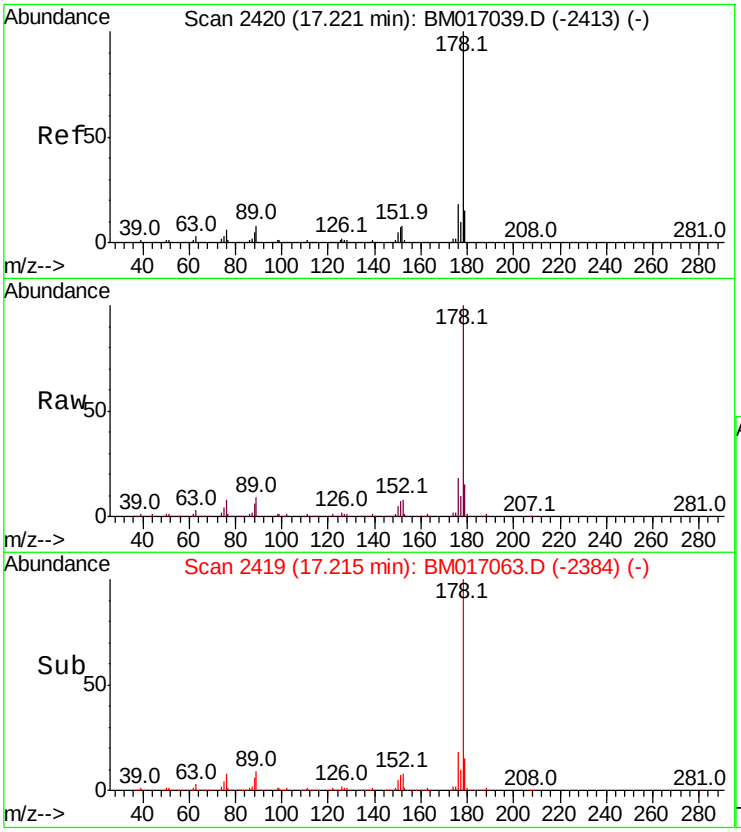


#70
Phenanthrene
Concen: 18.429 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:178 Resp: 1099822

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	18.4	15.0	22.4



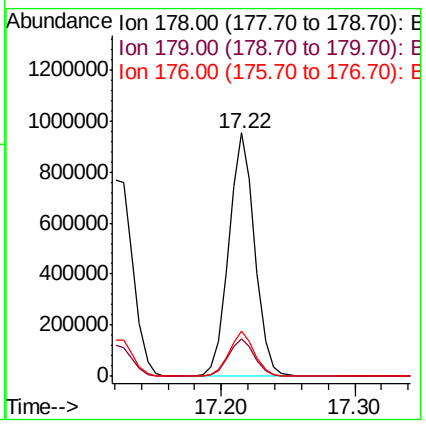


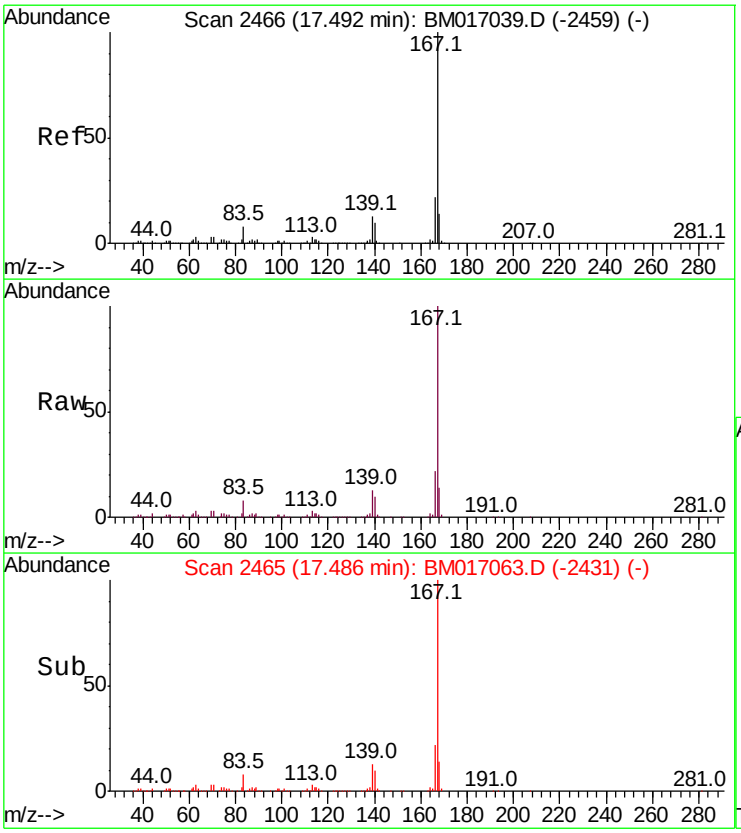
#72
Anthracene
Concen: 21.182 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion:178 Resp: 1284468

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.4	14.6	22.0

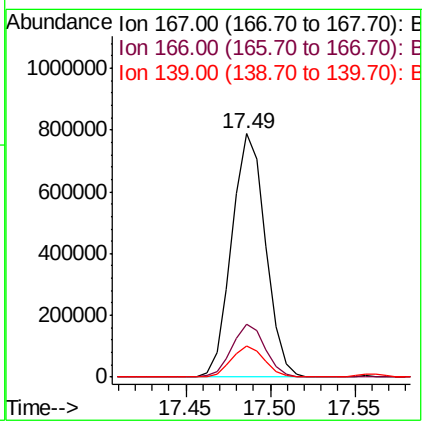


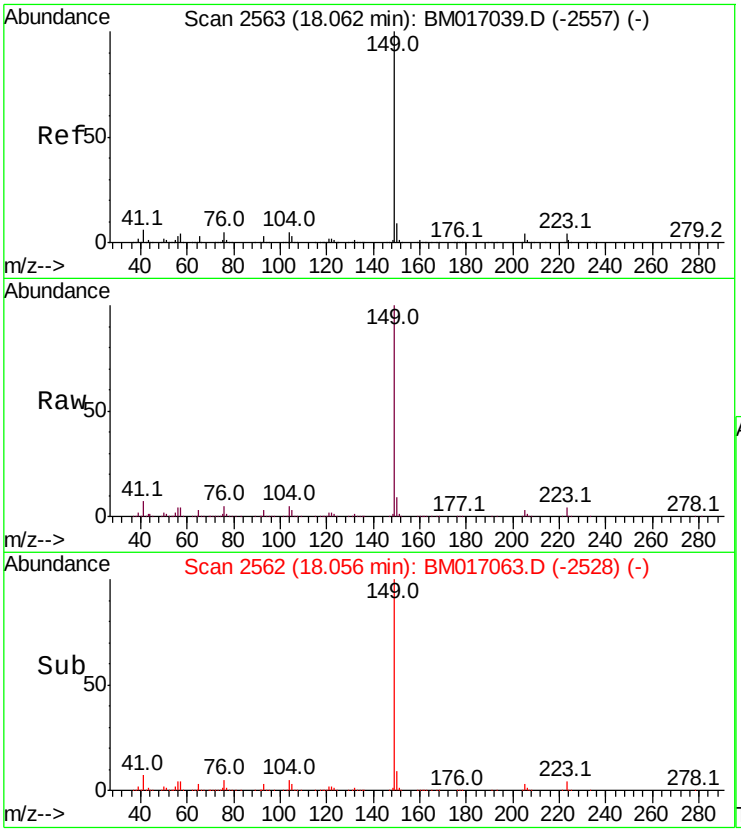


#75
Carbazole
Concen: 20.946 ng/ul
RT: 17.49 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:167 Resp: 1099251

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.4
139	12.7	10.0	15.0



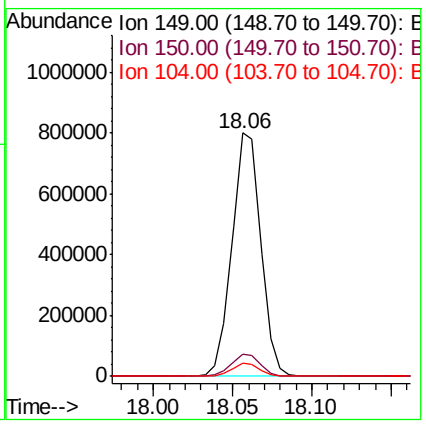


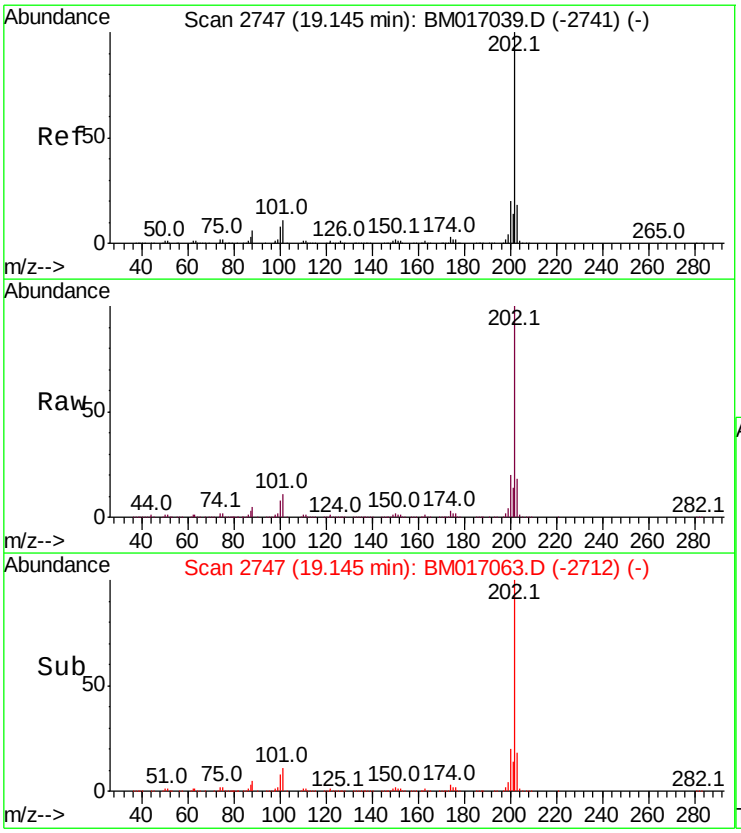
#76
Di-n-butylphthalate
Concen: 17.143 ng/ul
RT: 18.06 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion:149 Resp: 1005805

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.2	3.8	5.8

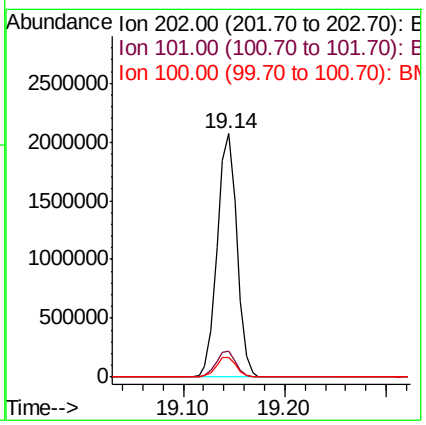


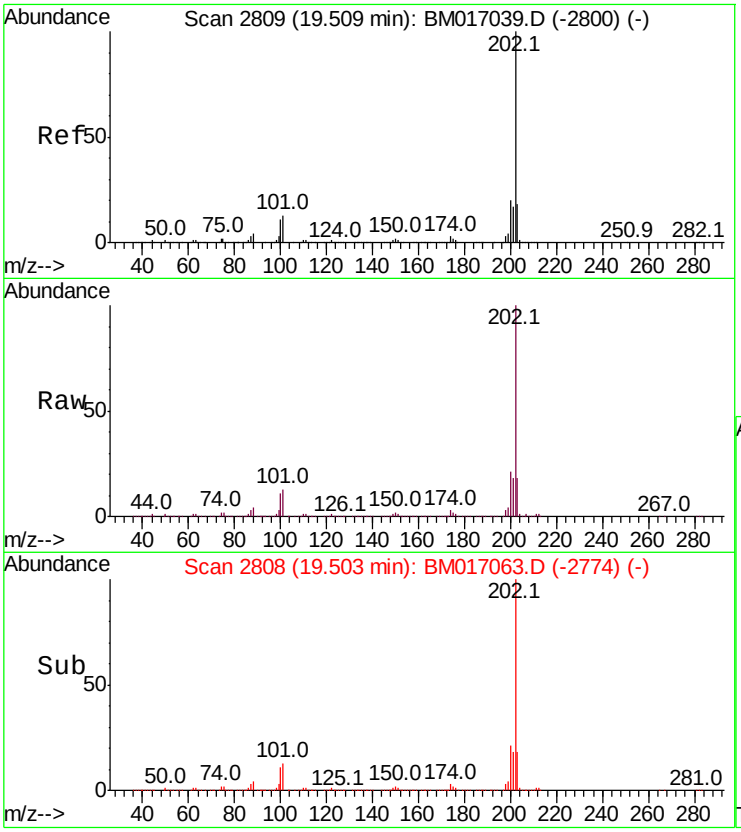


#77
Fluoranthene
Concen: 40.301 ng/ul
RT: 19.14 min Scan# 2747
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:202 Resp: 2785949

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.3	12.5
100	8.2	6.6	9.8



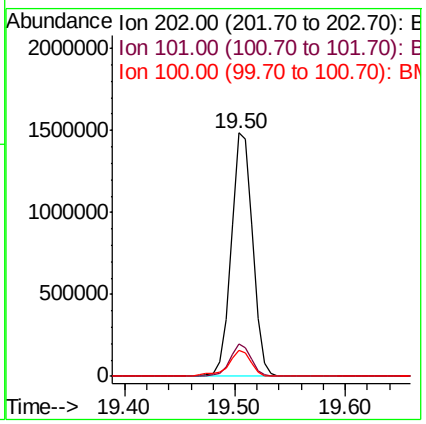


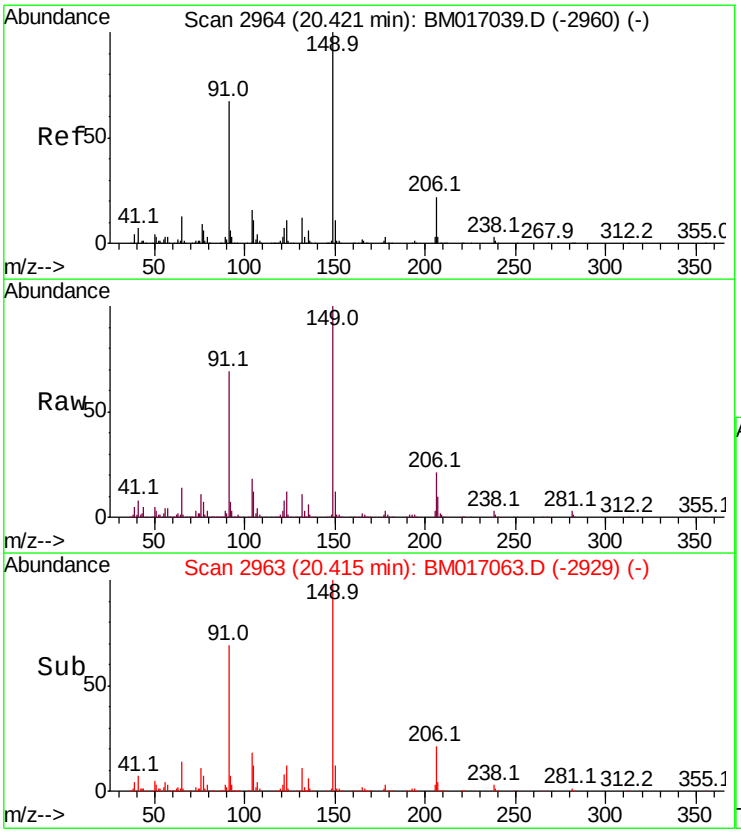
#80
Pyrene
Concen: 29.877 ng/ul
RT: 19.50 min Scan# 2808
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion:202 Resp: 2015374

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.8	16.2
100	10.9	8.9	13.3

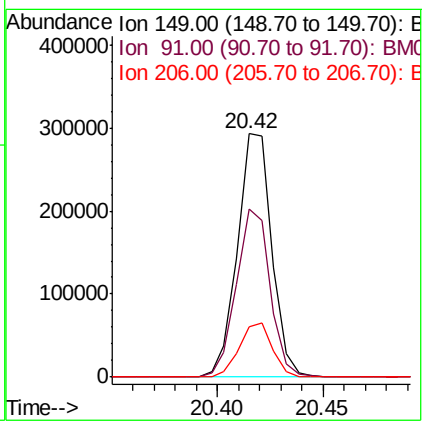


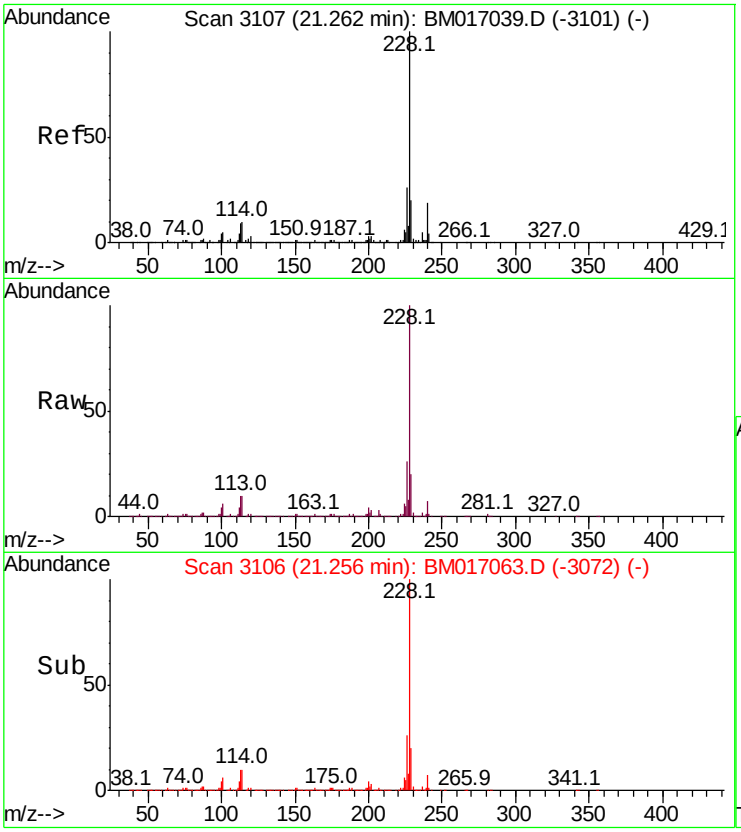


#81
Butylbenzylphthalate
Concen: 14.131 ng/ul
RT: 20.42 min Scan# 2963
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:149 Resp: 328908

Ion	Ratio	Lower	Upper
149	100		
91	68.8	56.1	84.1
206	20.9	17.2	25.8



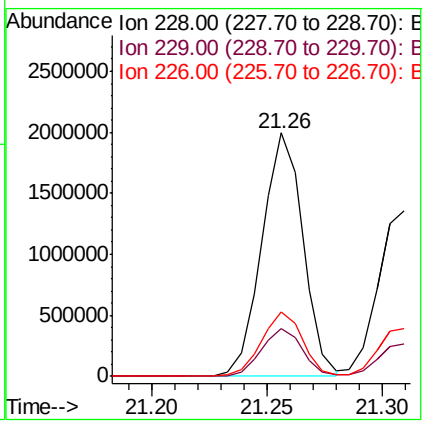


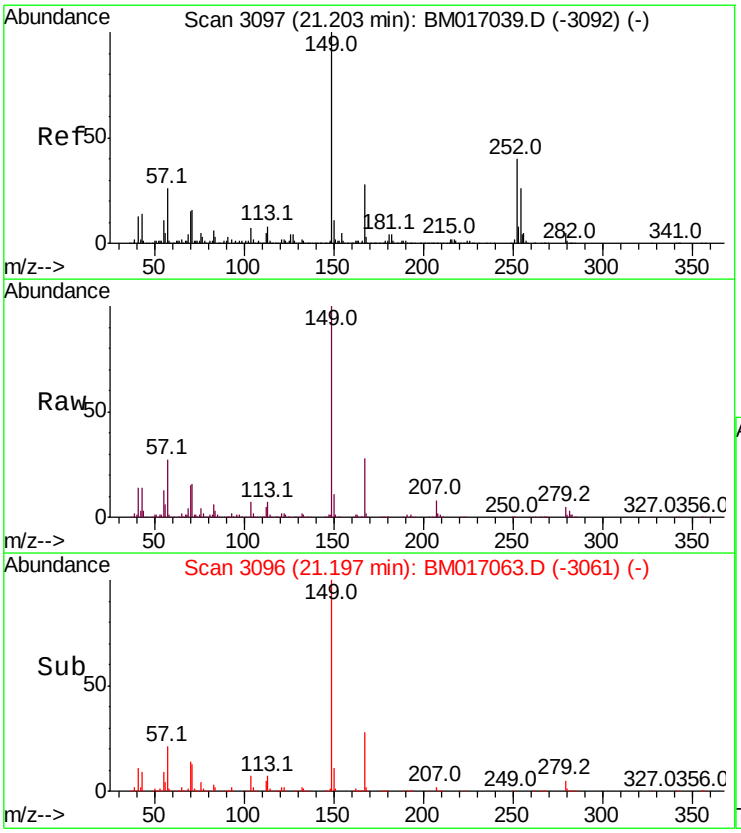
#83
Benzo(a)anthracene
Concen: 35.323 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion:228 Resp: 2467051

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.7	23.5
226	26.4	20.9	31.3

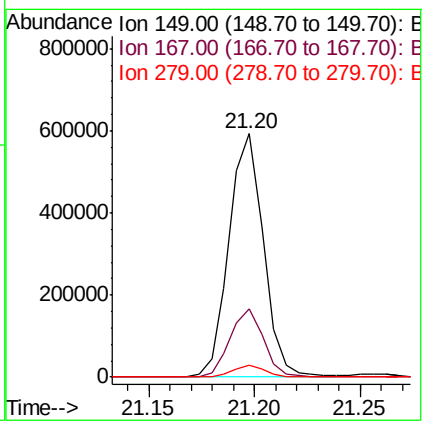


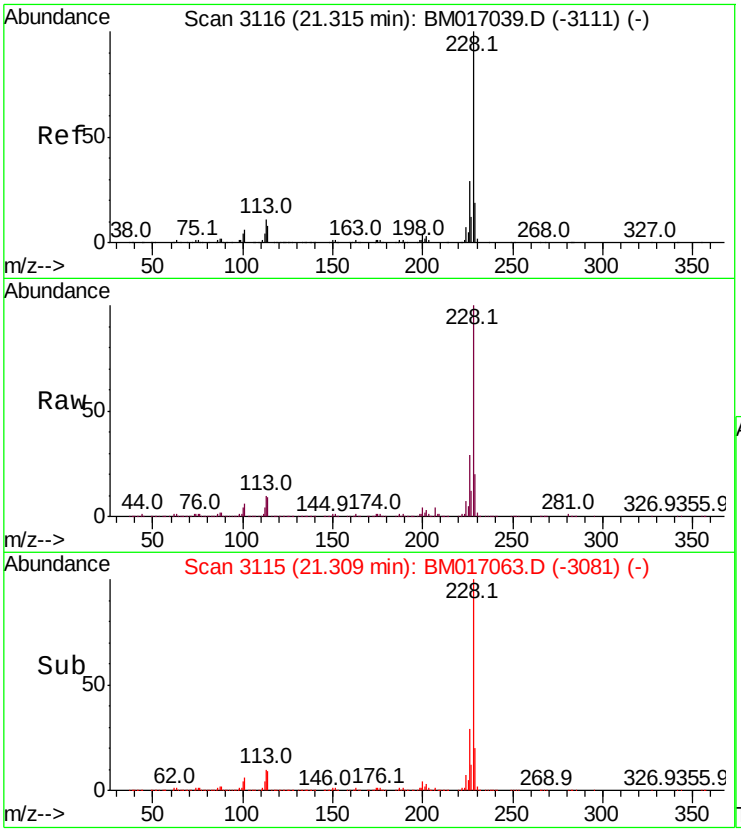


#84
Bis(2-ethylhexyl)phthalate
Concen: 18.451 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:149 Resp: 665618

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.5	33.7
279	4.9	3.7	5.5



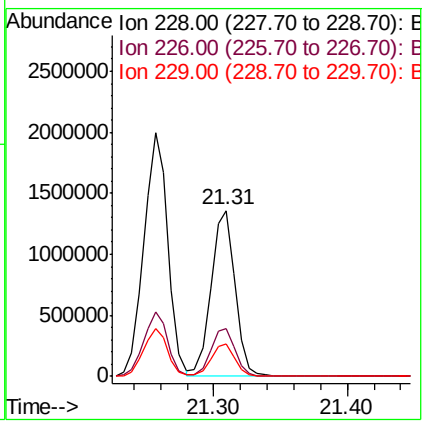


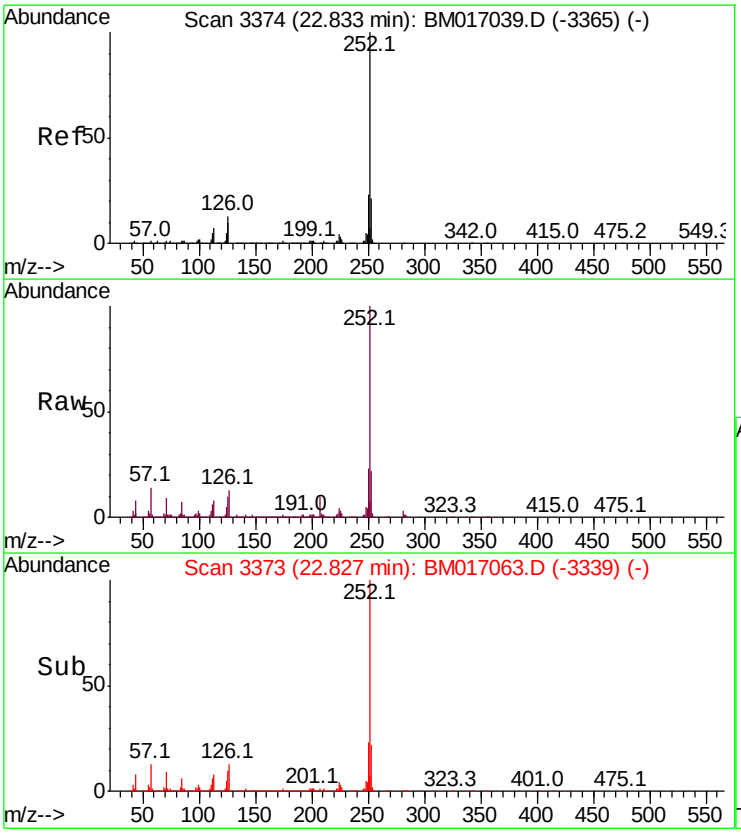
#85
Chrysene
Concen: 25.446 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion:228 Resp: 1718864

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	19.6	15.6	23.4

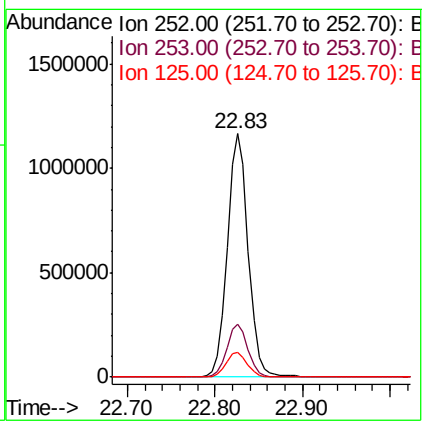


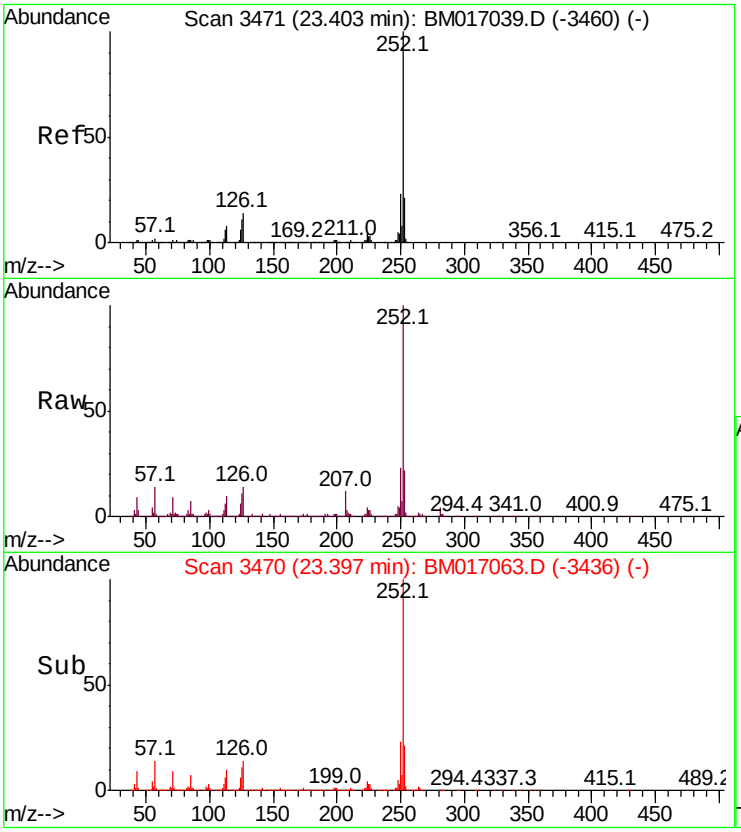


#88
Benzo(b)fluoranthene
Concen: 26.370 ng/ul
RT: 22.83 min Scan# 3373
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:252 Resp: 1892732

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	10.1	8.2	12.4



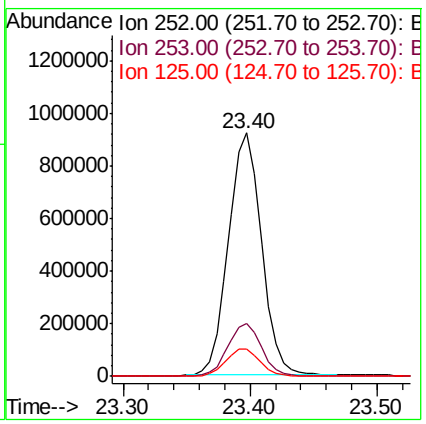


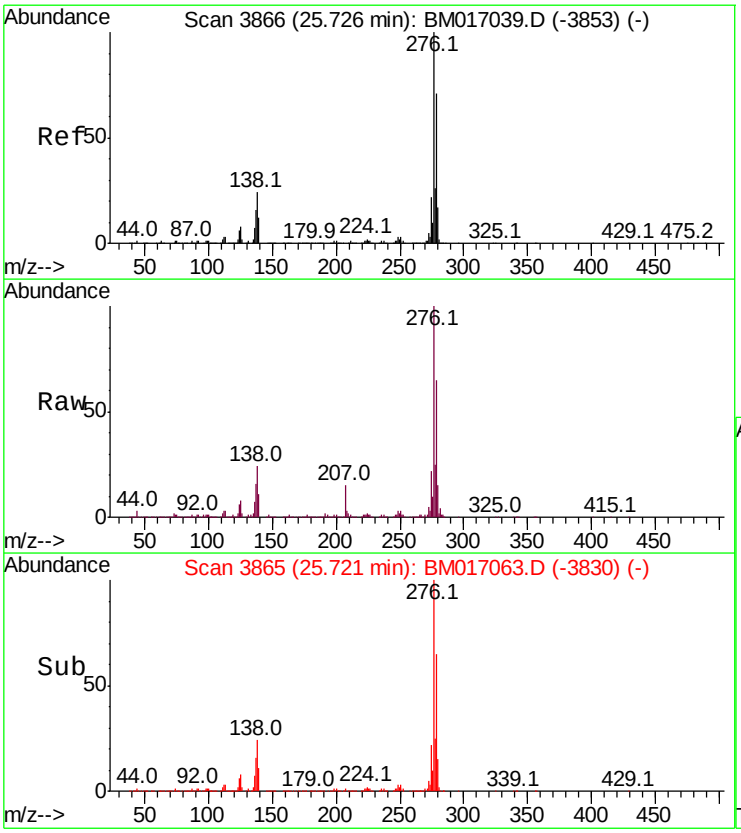
#91
Benzo(a)pyrene
Concen: 23.958 ng/ul
RT: 23.40 min Scan# 3470
Delta R.T. -0.00 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion:252 Resp: 1657281

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.4
125	11.2	9.0	13.6

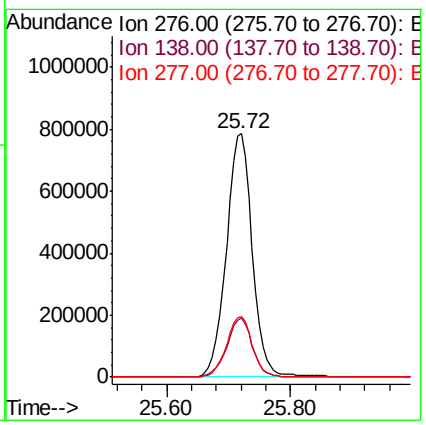


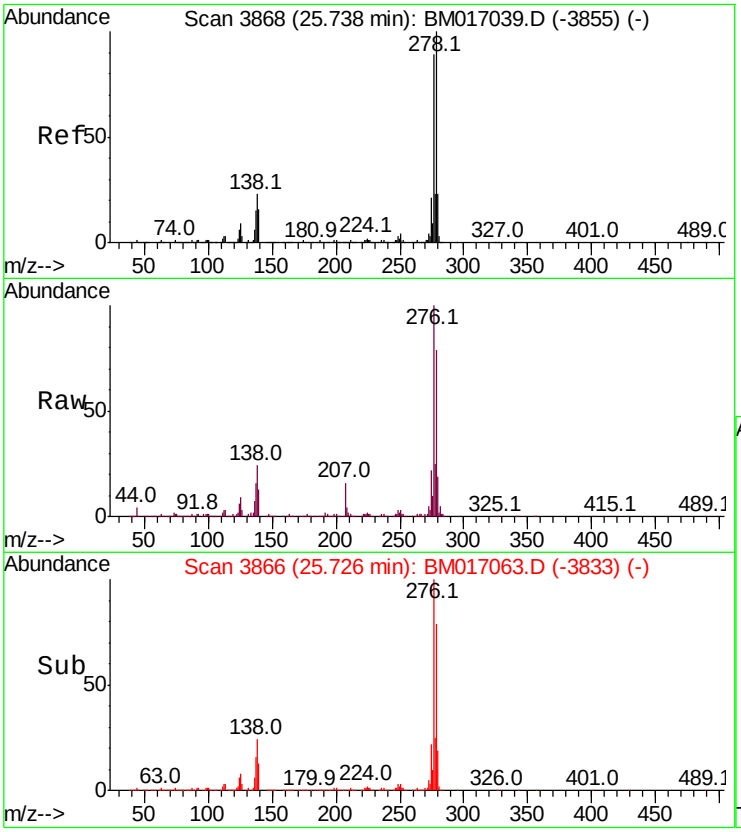


#92
Indeno(1,2,3-cd)pyrene
Concen: 27.993 ng/ul
RT: 25.72 min Scan# 3865
Delta R.T. 0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Tgt Ion:276 Resp: 2286076

Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.3	30.5
277	24.7	20.2	30.2





#93
Dibenzo(a,h)anthracene
Concen: 21.836 ng/ul
RT: 25.73 min Scan# 3866
Delta R.T. -0.01 min
Lab File: BM017063.D
Acq: 08 Oct 2018 12:14

Instrument :
BNA_M
ClientSampleId :
A3YX2

Tgt Ion:278 Resp: 1484499

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.2	19.8
279	24.1	18.4	27.6