Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091718\
Data File : BM016764.D
Acq On : 17 Sep 2018 11:30
Operator : SJ/JU
Sample : J4874-13
Misc : PE
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3Z82

Quant Time: Sep 17 12:57:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 15 00:35:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	245235	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	1011785	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	525807	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1138923	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1270948	20.00	ng/ul	0.00
86) Perylene-d12	23.55	264	1304759	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	34312	5.98	ng/uL	0.00
5) Phenol-d5	6.90	99	660964	31.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	432058	33.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	549851	32.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	509359	31.82	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	254175	38.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	214935	35.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	531683	34.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	736136	39.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1490816	35.31	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1975728	36.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	229650	33.14	ng/ul	0.00
58) Fluorene-d10	15.37	176	1348126	36.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	146373	31.31	ng/ul	0.00
71) Anthracene-d10	17.22	188	2025468	36.86	ng/ul	0.00
79) Pyrene-d10	19.52	212	2217797	35.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	2552358	37.50	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.93	94	1180741	57.186	ng/ul	100
10) 2-Chlorophenol	7.30	128	979398	57.761	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	605623	24.091	ng/ul	96
17) Hexachloroethane	8.80	117	383621	57.601	ng/ul	88
27) 2,4-Dichlorophenol	10.16	162	874279	59.245	ng/ul	98
28) Naphthalene	10.56	128	2950390	56.710	ng/ul	99
31) Hexachlorobutadiene	10.85	225	551122	55.329	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	1436861	79.569	ng/ul#	98
46) 2,6-Dinitrotoluene	13.95	165	481520	75.981	ng/ul	98
50) Acenaphthene	14.43	153	2323609	63.410	ng/ul	99
55) 2,4-Dinitrotoluene	14.74	165	613250	65.806	ng/ul	99
57) Diethylphthalate	15.21	149	2548363	62.341	ng/ul	97
59) Fluorene	15.42	166	2616219	63.341	ng/ul	99
67) Hexachlorobenzene	16.42	284	913552	65.875	ng/ul#	93
69) Pentachlorophenol	16.77	266	480529	64.077	ng/ul	97
72) Anthracene	17.25	178	3603382	55.479	ng/ul	98
80) Pyrene	19.54	202	4987254	63.907	ng/ul#	87
81) Butylbenzylphthalate	20.46	149	1679545	58.195	ng/ul	97
83) Benzo(a)anthracene	21.29	228	3704444	47.082	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	2560392	56.450	ng/ul	98
85) Chrysene	21.34	228	3669239	50.006	ng/ul	99
88) Benzo(b)fluoranthene	22.88	252	3794547	48.588	ng/ul#	97
89) Benzo(k)fluoranthene	22.93	252	3024307	40.329	ng/ul#	97

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Misc : PE
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3Z82

Quant Time: Sep 17 12:57:54 2018
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 15 00:35:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
91) Benzo(a)pyrene	23.46	252	3443612	46.259 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.81	276	5381172	60.598 ng/ul#	87
93) Dibenzo(a,h)anthracene	25.83	278	4986986	67.135 ng/ul#	94

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

Quantitation Report (LSC Reviewed)

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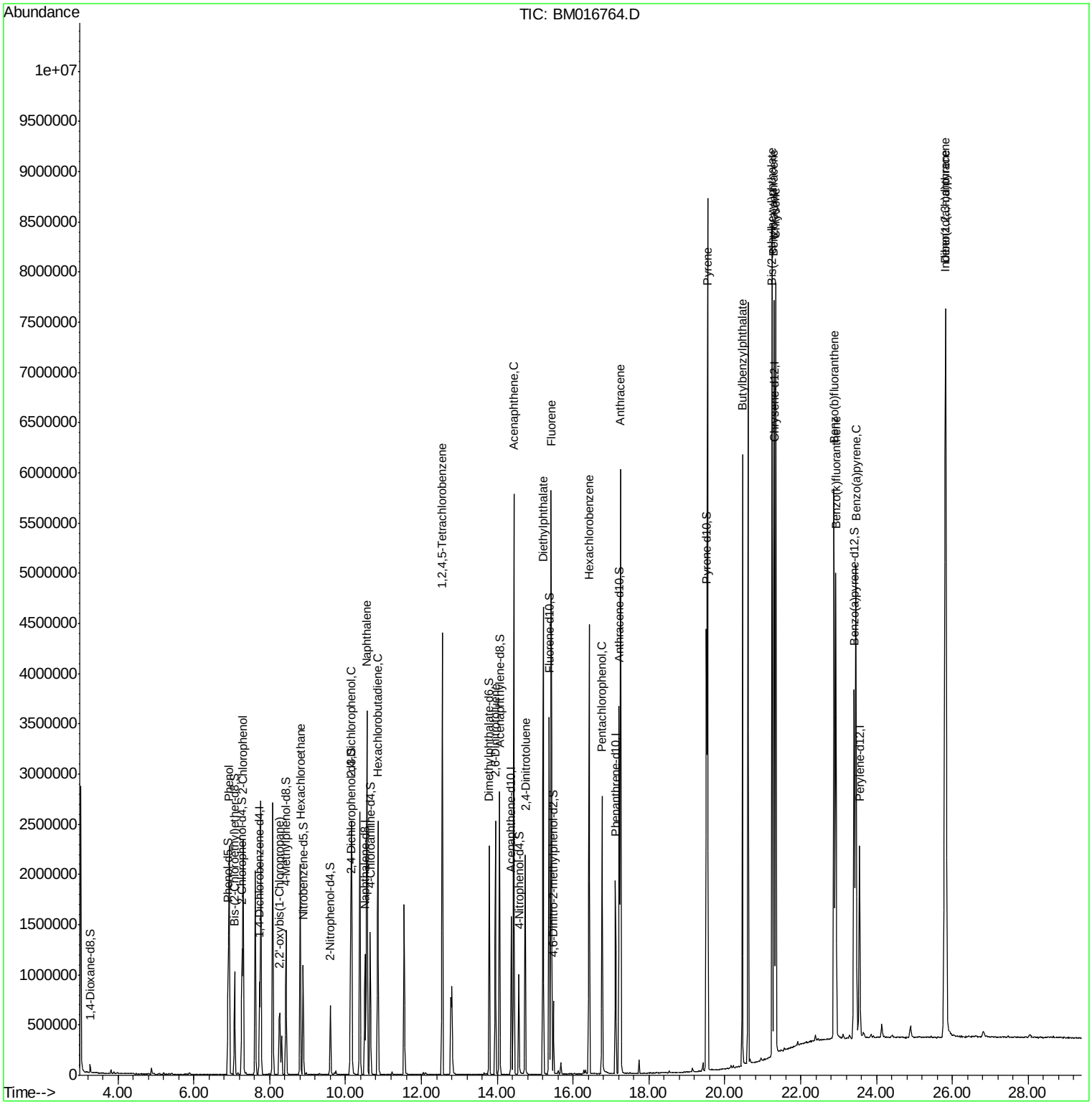
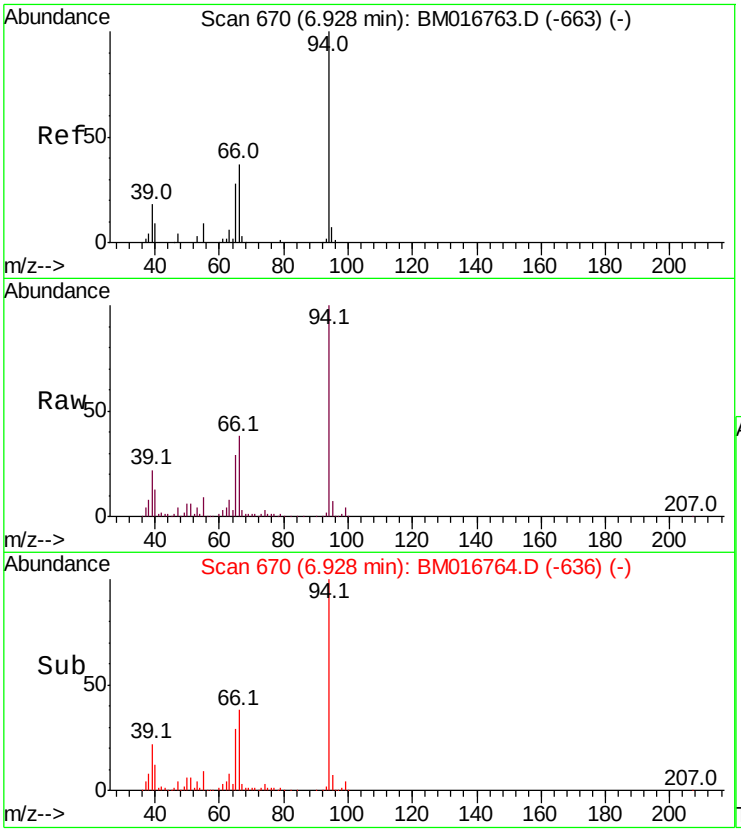
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 15 00:35:20 2018
Response via : Initial Calibration



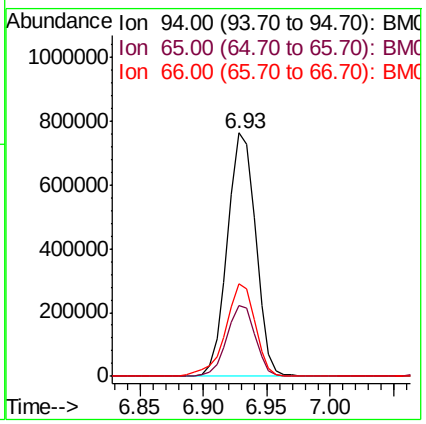


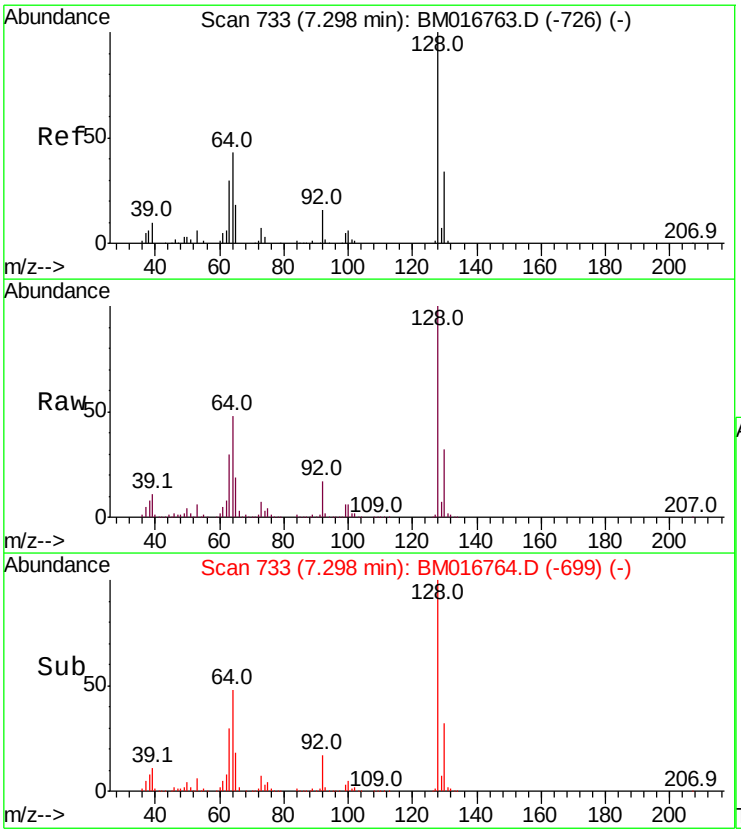
#6
Phenol
Concen: 57.186 ng/ul
RT: 6.93 min Scan# 670
Delta R.T. 0.00 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_M
ClientSampleId :
A3Z82

Tgt Ion: 94 Resp: 1180741

Ion	Ratio	Lower	Upper
94	100		
65	28.9	23.0	34.6
66	38.2	30.4	45.6

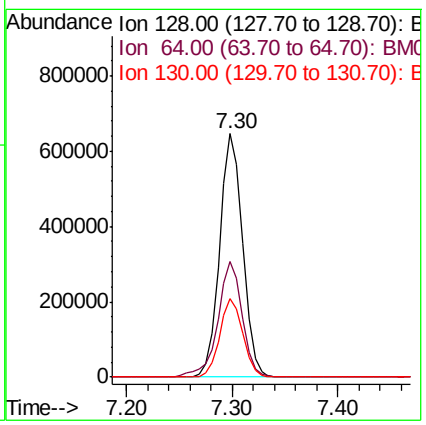


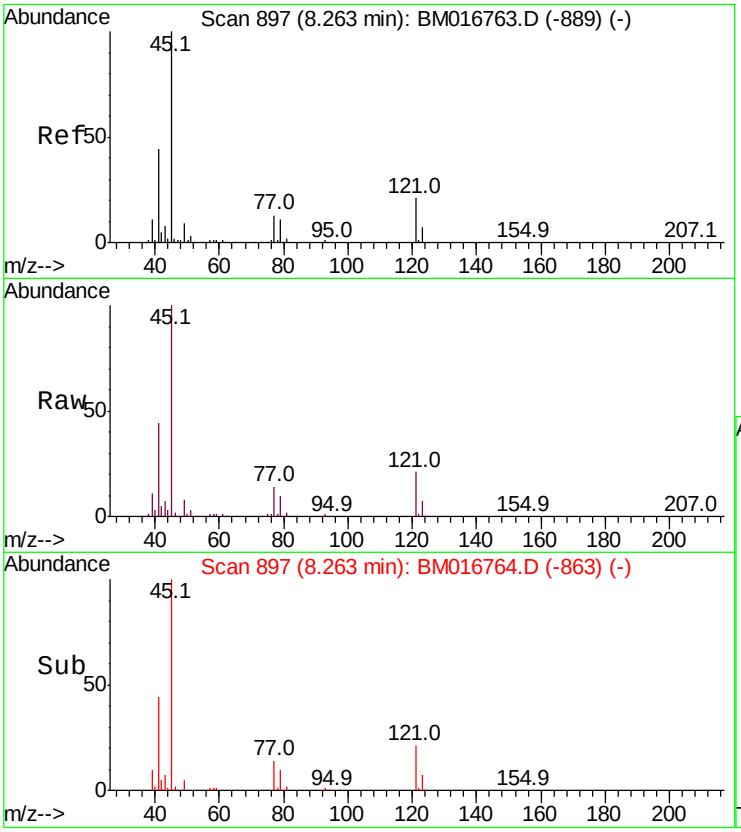


#10
2-Chlorophenol
Concen: 57.761 ng/ul
RT: 7.30 min Scan# 733
Delta R.T. 0.00 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Tgt Ion:128 Resp: 979398

Ion	Ratio	Lower	Upper
128	100		
64	47.6	39.8	59.6
130	32.5	25.8	38.8



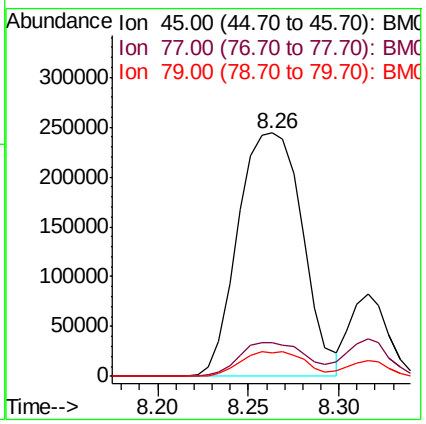


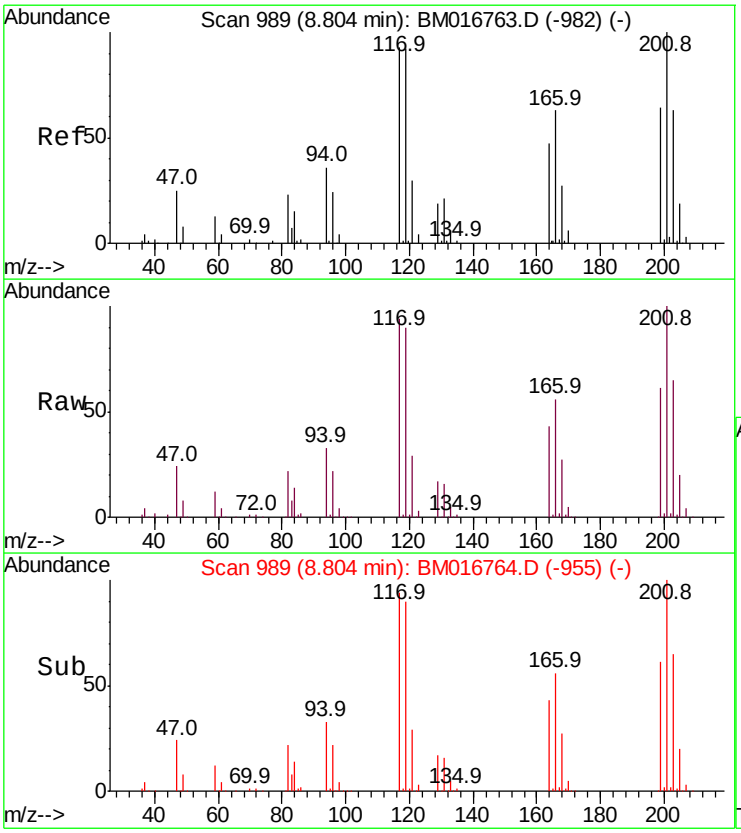
#12
2,2'-oxybis(1-Chloropropane)
Concen: 24.091 ng/ul
RT: 8.26 min Scan# 897
Delta R.T. 0.00 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_M
ClientSampleId :
A3Z82

Tgt Ion: 45 Resp: 605623

Ion	Ratio	Lower	Upper
45	100		
77	13.9	12.5	18.7
79	9.8	9.4	14.2

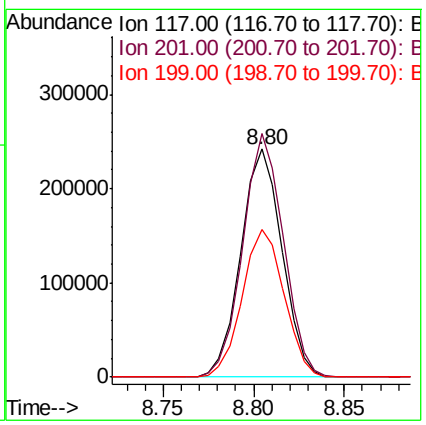


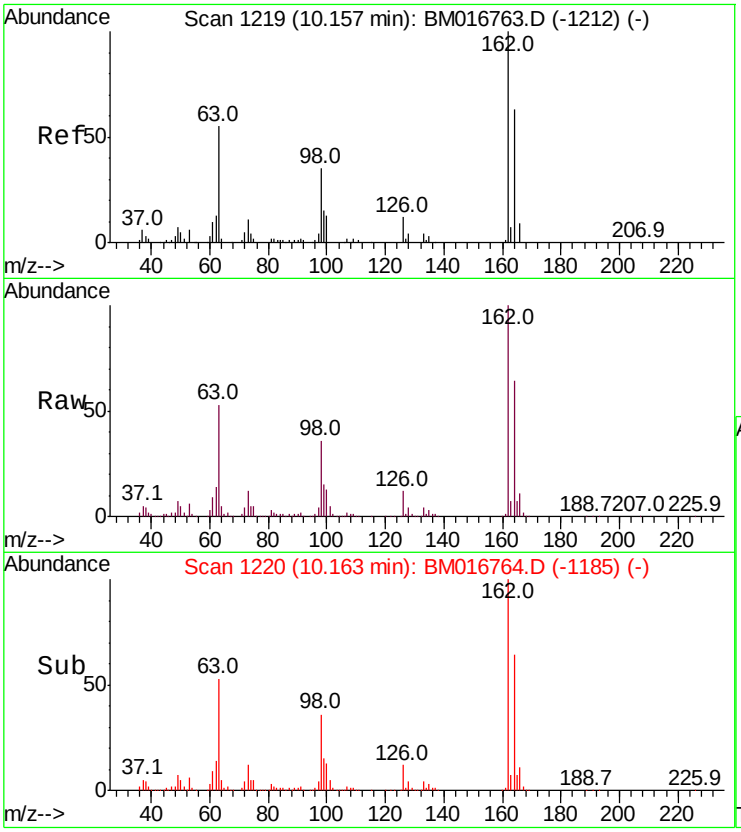


#17
Hexachloroethane
Concen: 57.601 ng/ul
RT: 8.80 min Scan# 989
Delta R.T. 0.00 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Tgt Ion:117 Resp: 383621

Ion	Ratio	Lower	Upper
117	100		
201	106.7	96.1	144.1
199	64.7	59.7	89.5



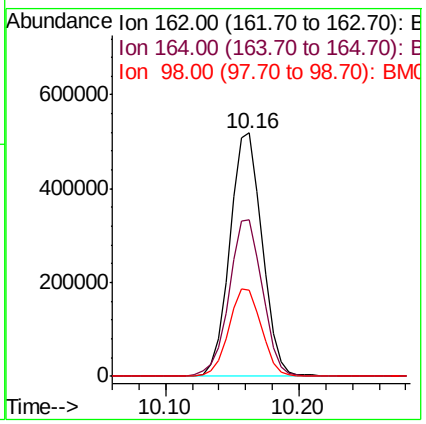


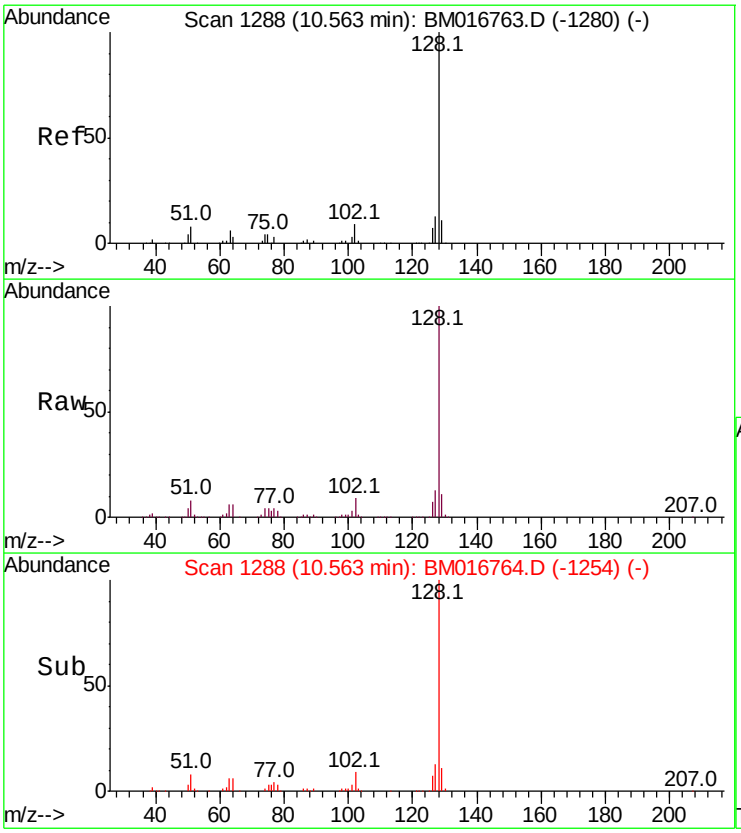
#27
2,4-Dichlorophenol
Concen: 59.245 ng/ul
RT: 10.16 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_M
ClientSampleId :
A3Z82

Tgt Ion:162 Resp: 874279

Ion	Ratio	Lower	Upper
162	100		
164	64.1	52.0	78.0
98	35.5	26.6	39.8

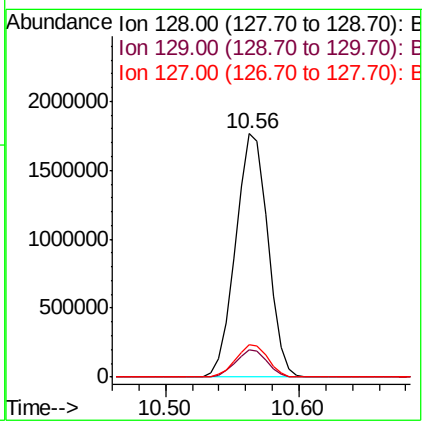


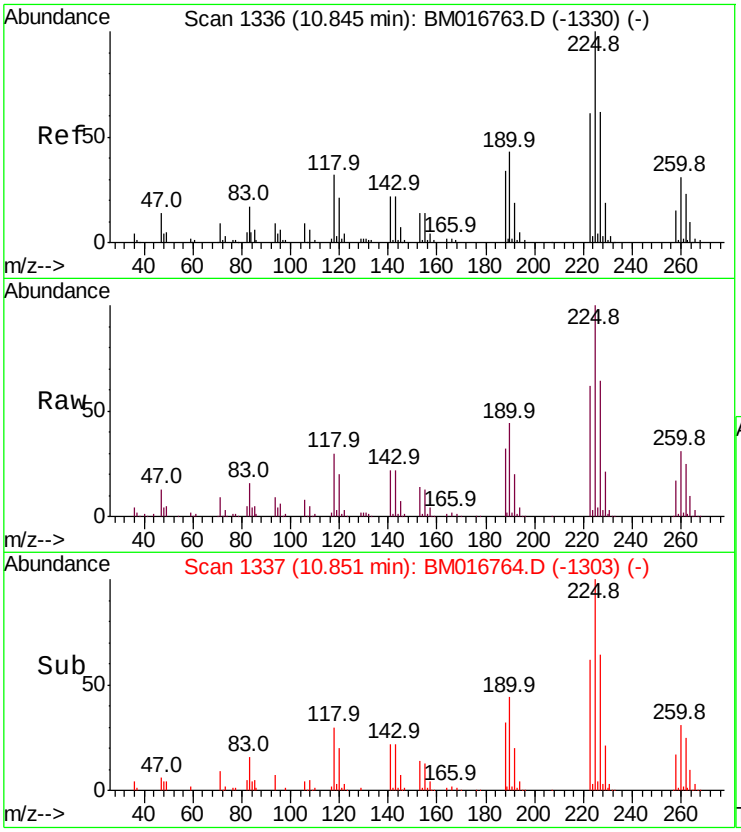


#28
Naphthalene
Concen: 56.710 ng/ul
RT: 10.56 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Tgt Ion:128 Resp: 2950390

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.3	12.5
127	13.2	10.8	16.2



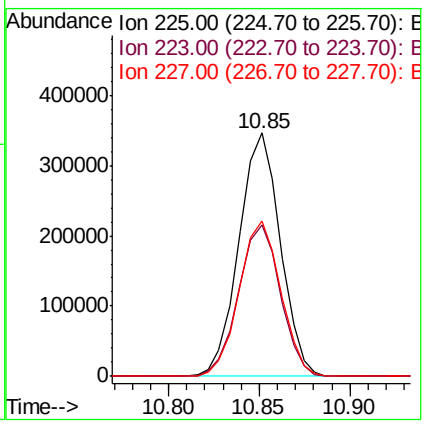


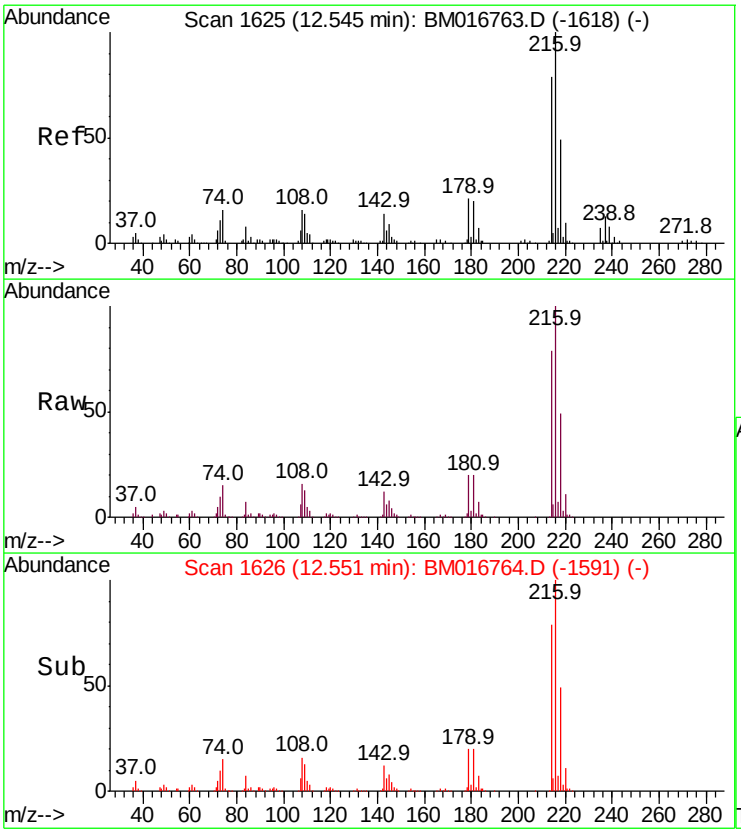
#31
Hexachlorobutadiene
Concen: 55.329 ng/ul
RT: 10.85 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_M
ClientSampleId :
A3Z82

Tgt Ion:225 Resp: 551122

Ion	Ratio	Lower	Upper
225	100		
223	62.0	48.1	72.1
227	64.0	52.1	78.1

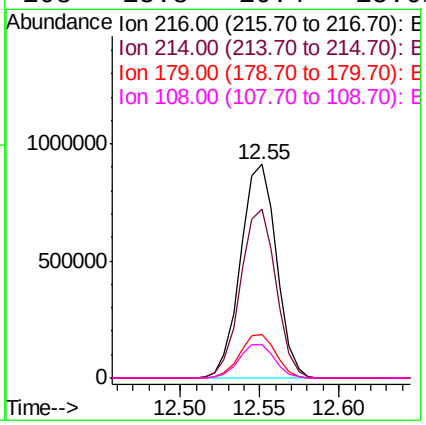


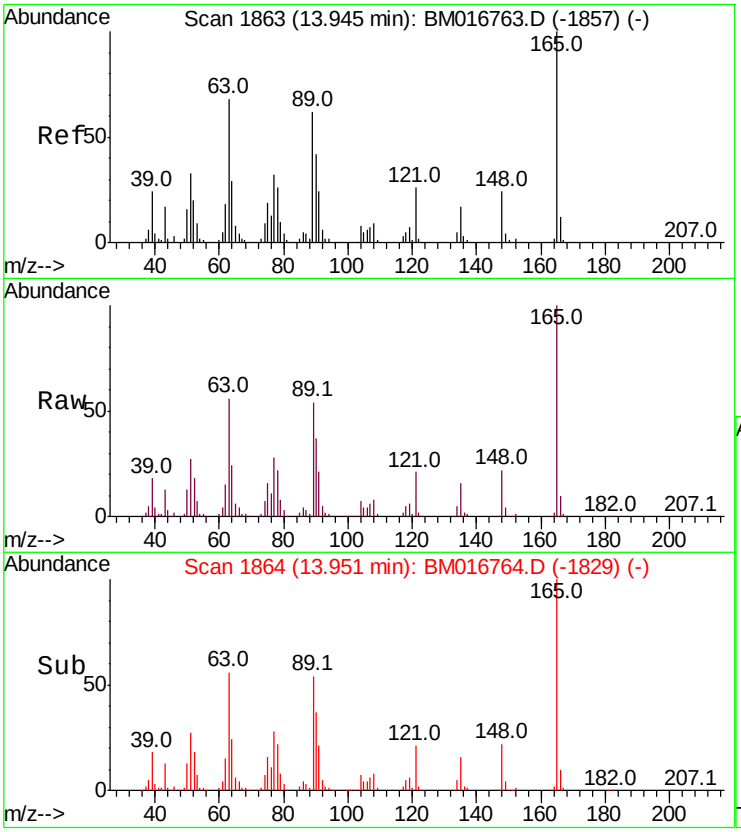


#37
1,2,4,5-Tetrachlorobenzene
Concen: 79.569 ng/ul
RT: 12.55 min Scan# 1626
Delta R.T. 0.01 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Tgt Ion:216 Resp: 1436861

Ion	Ratio	Lower	Upper
216	100		
214	79.2	64.1	96.1
179	20.4	14.5	21.7
108	15.8	10.4	15.6#



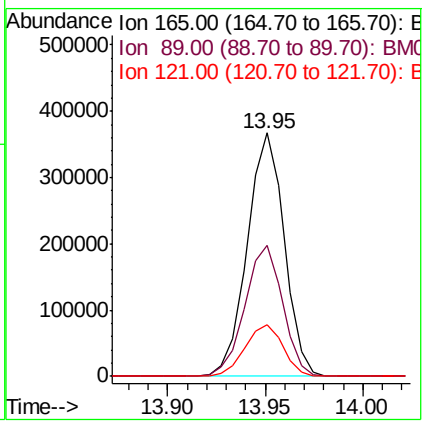


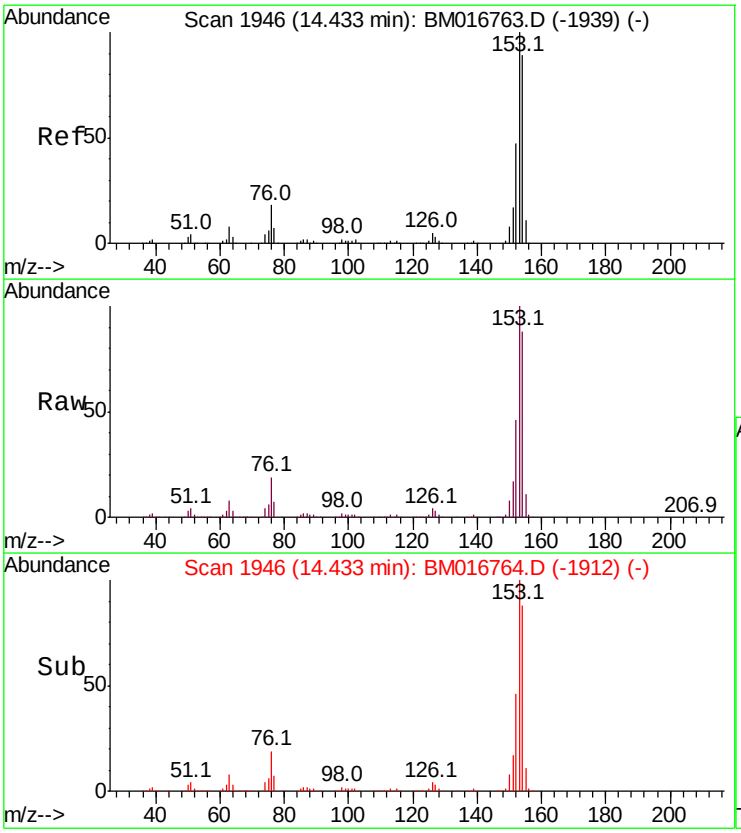
#46
2,6-Dinitrotoluene
Concen: 75.981 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. 0.01 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_M
ClientSampleId :
A3Z82

Tgt Ion:165 Resp: 481520

Ion	Ratio	Lower	Upper
165	100		
89	53.6	43.8	65.8
121	21.1	17.8	26.6

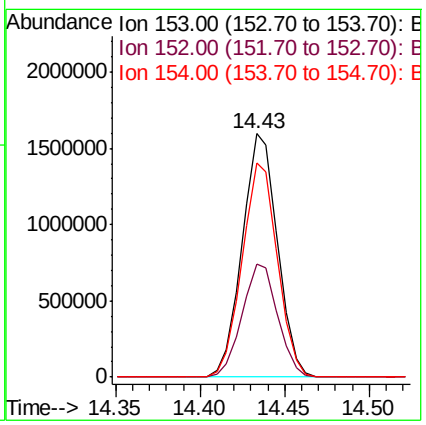


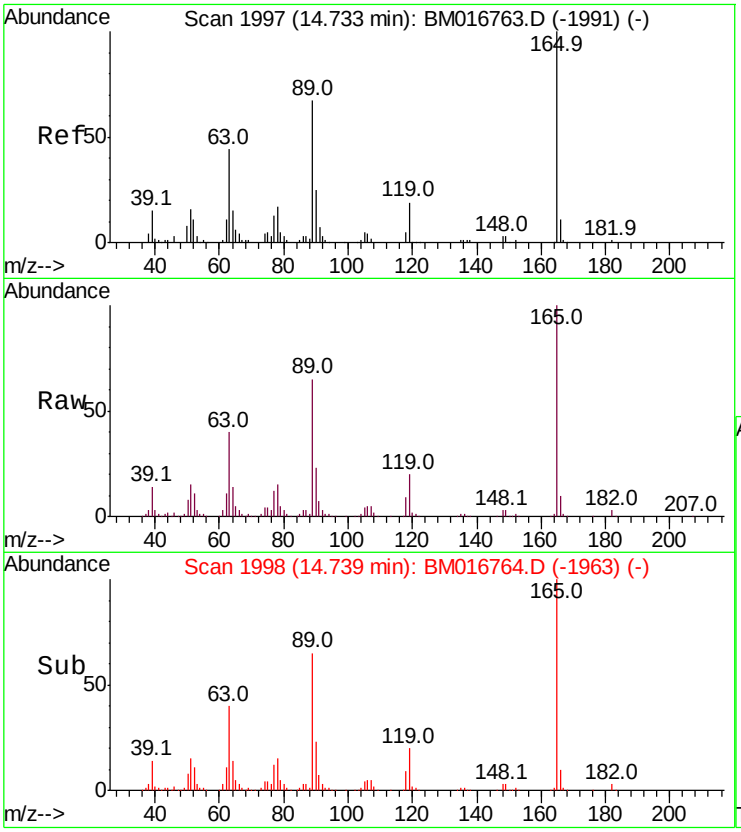


#50
Acenaphthene
Concen: 63.410 ng/ul
RT: 14.43 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Tgt Ion:153 Resp: 2323609

Ion	Ratio	Lower	Upper
153	100		
152	46.3	37.9	56.9
154	87.7	69.8	104.6



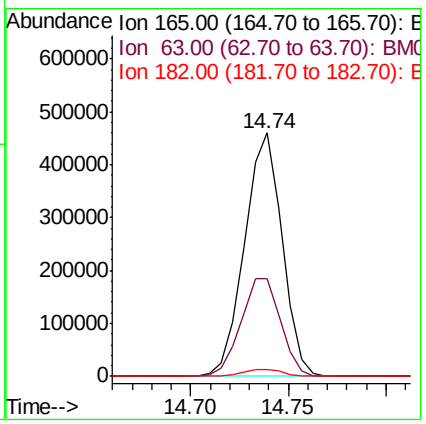


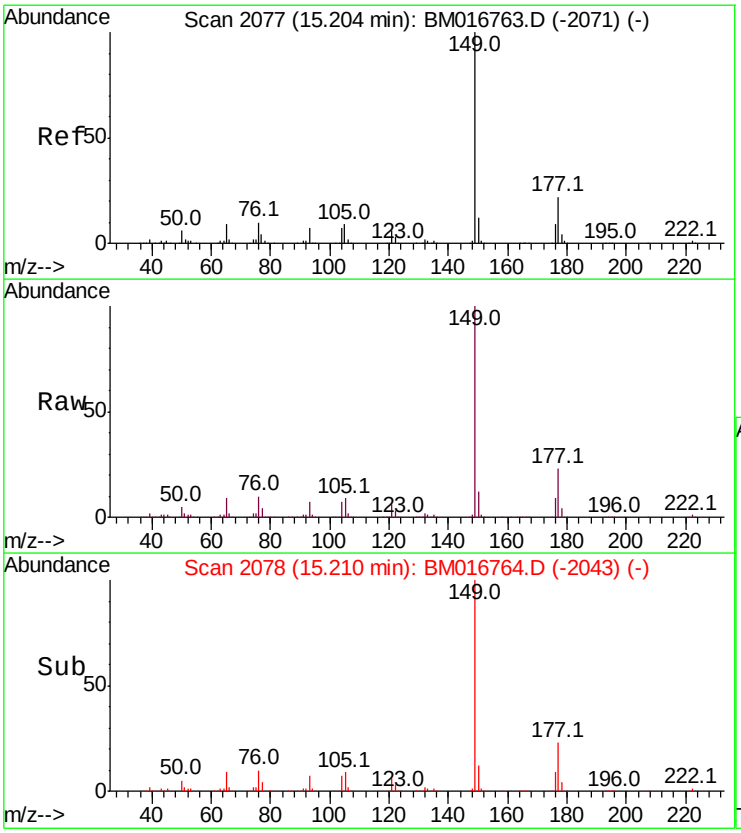
#55
2,4-Dinitrotoluene
Concen: 65.806 ng/ul
RT: 14.74 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_M
ClientSampleId :
A3Z82

Tgt Ion:165 Resp: 613250

Ion	Ratio	Lower	Upper
165	100		
63	40.0	31.4	47.0
182	2.9	2.7	4.1

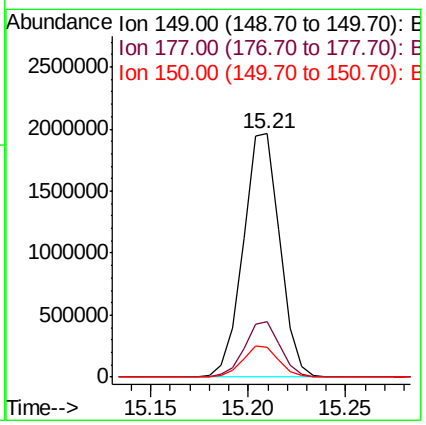


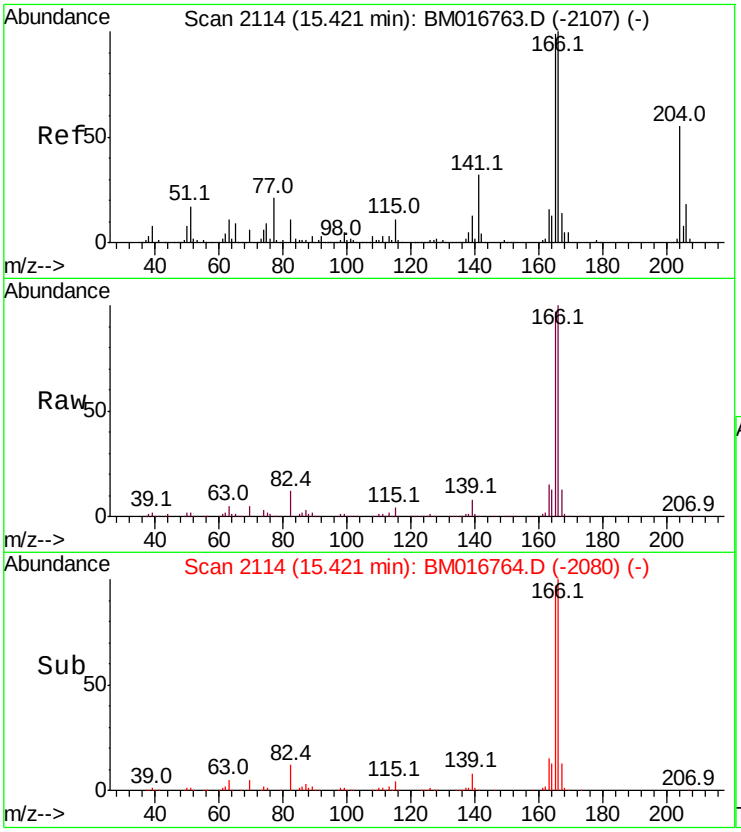


#57
Diethylphthalate
Concen: 62.341 ng/ul
RT: 15.21 min Scan# 2078
Delta R.T. 0.01 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Tgt Ion:149 Resp: 2548363

Ion	Ratio	Lower	Upper
149	100		
177	22.7	19.3	28.9
150	12.3	10.6	15.8



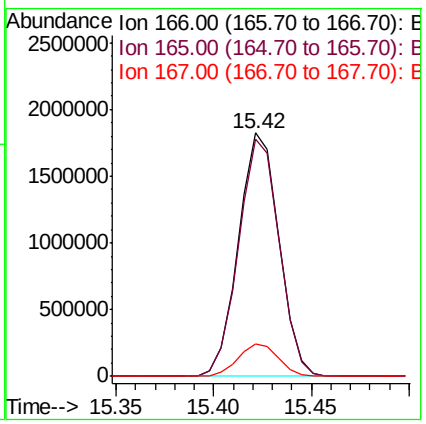


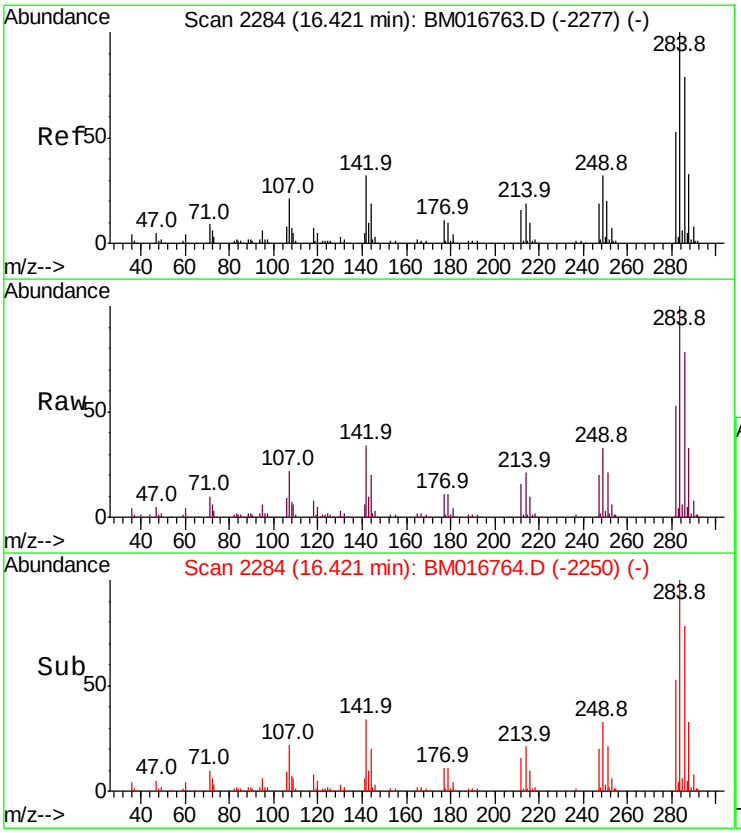
#59
Fluorene
Concen: 63.341 ng/ul
RT: 15.42 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_M
ClientSampleId :
A3Z82

Tgt Ion:166 Resp: 2616219

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.4	117.6
167	13.2	11.1	16.7

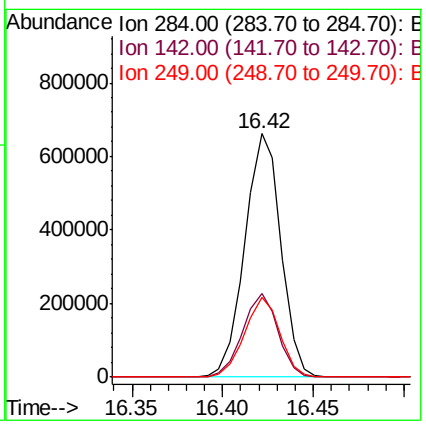


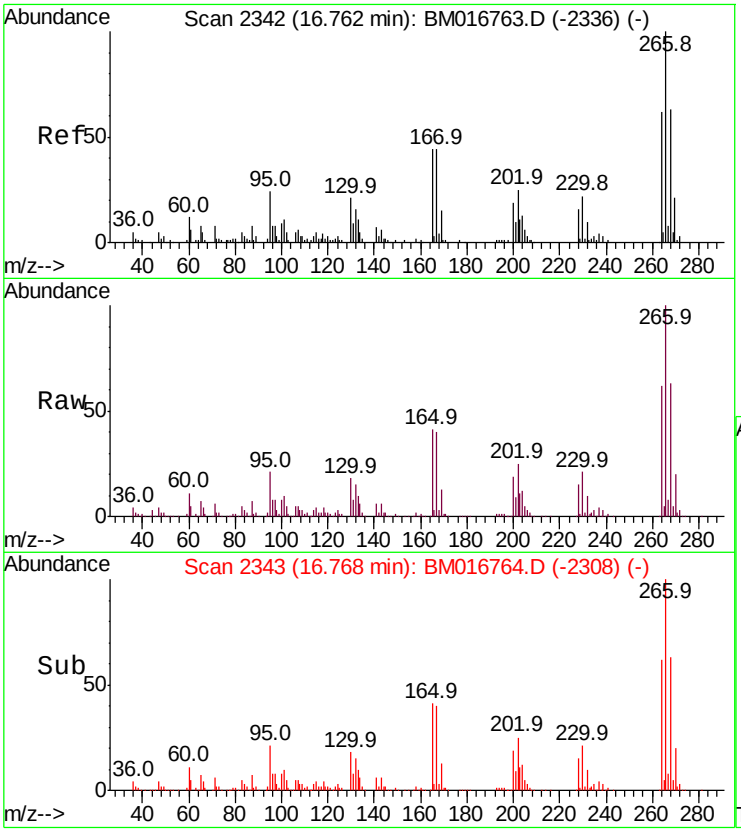


#67
Hexachlorobenzene
Concen: 65.875 ng/ul
RT: 16.42 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Tgt Ion:284 Resp: 913552

Ion	Ratio	Lower	Upper
284	100		
142	34.3	21.3	31.9#
249	32.5	26.3	39.5



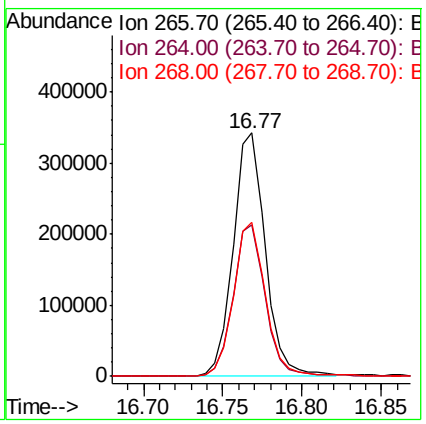


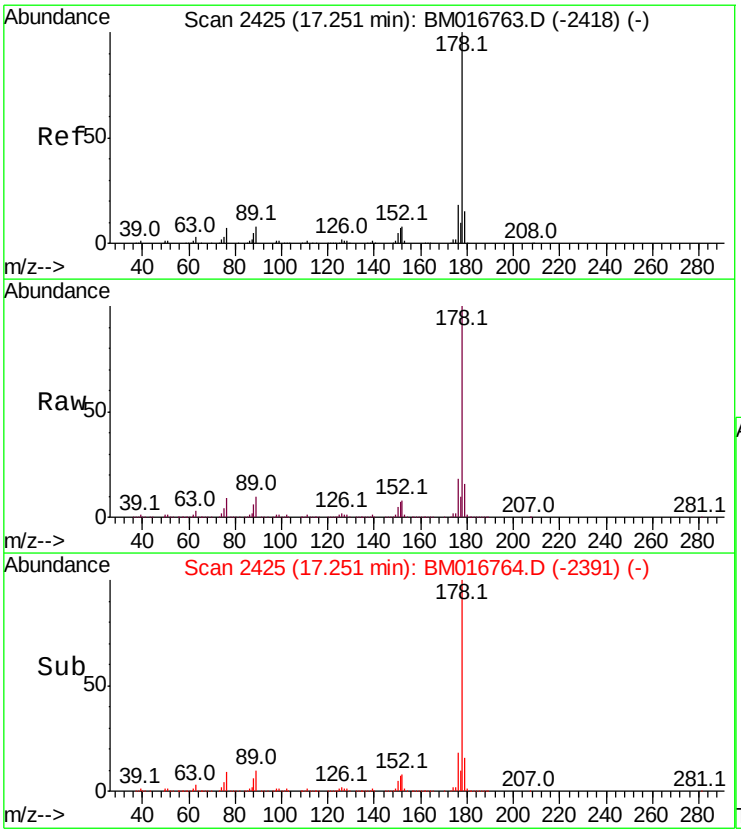
#69
Pentachlorophenol
Concen: 64.077 ng/ul
RT: 16.77 min Scan# 2343
Delta R.T. 0.01 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_M
ClientSampleId :
A3Z82

Tgt Ion:266 Resp: 480529

Ion	Ratio	Lower	Upper
266	100		
264	62.3	48.2	72.4
268	63.2	52.3	78.5

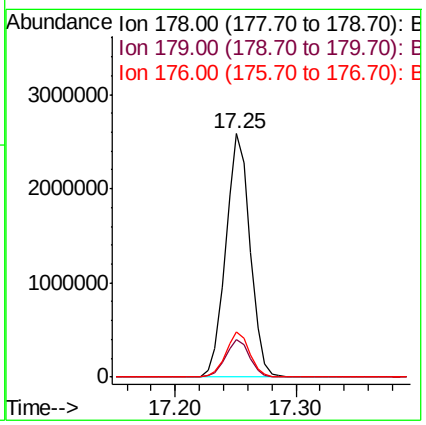


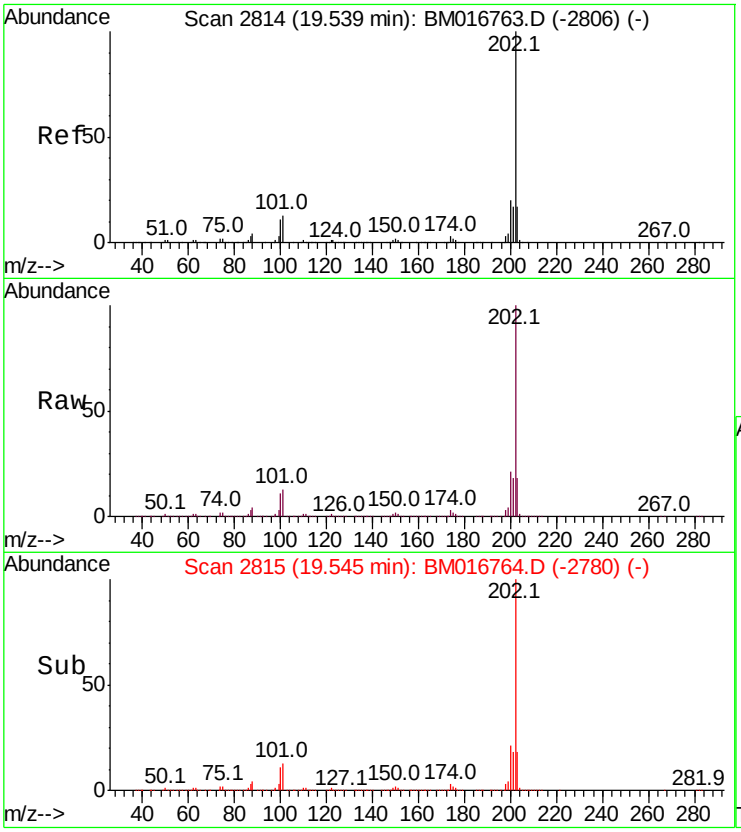


#72
Anthracene
Concen: 55.479 ng/ul
RT: 17.25 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Tgt Ion:178 Resp: 3603382

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.2
176	18.3	15.4	23.0



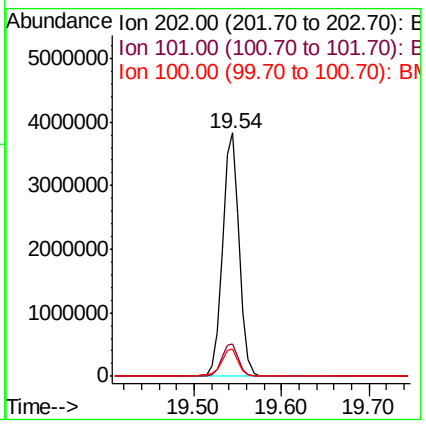


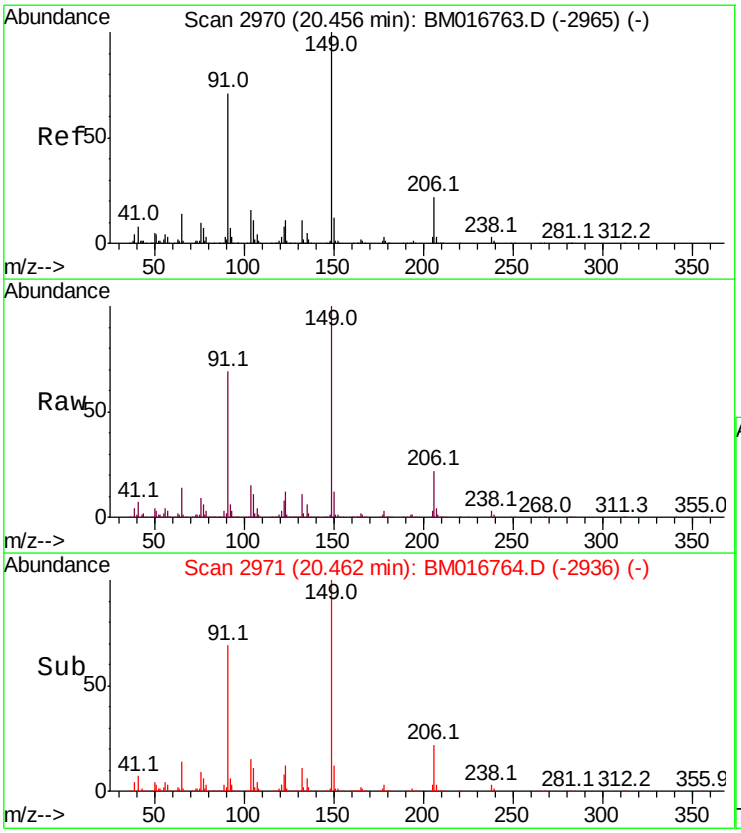
#80
Pyrene
Concen: 63.907 ng/ul
RT: 19.54 min Scan# 2815
Delta R.T. 0.01 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_M
ClientSampleId :
A3Z82

Tgt Ion:202 Resp: 4987254

Ion	Ratio	Lower	Upper
202	100		
101	13.4	6.9	10.3#
100	11.4	5.6	8.4#

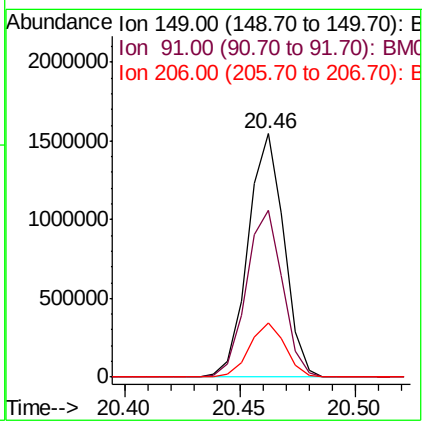


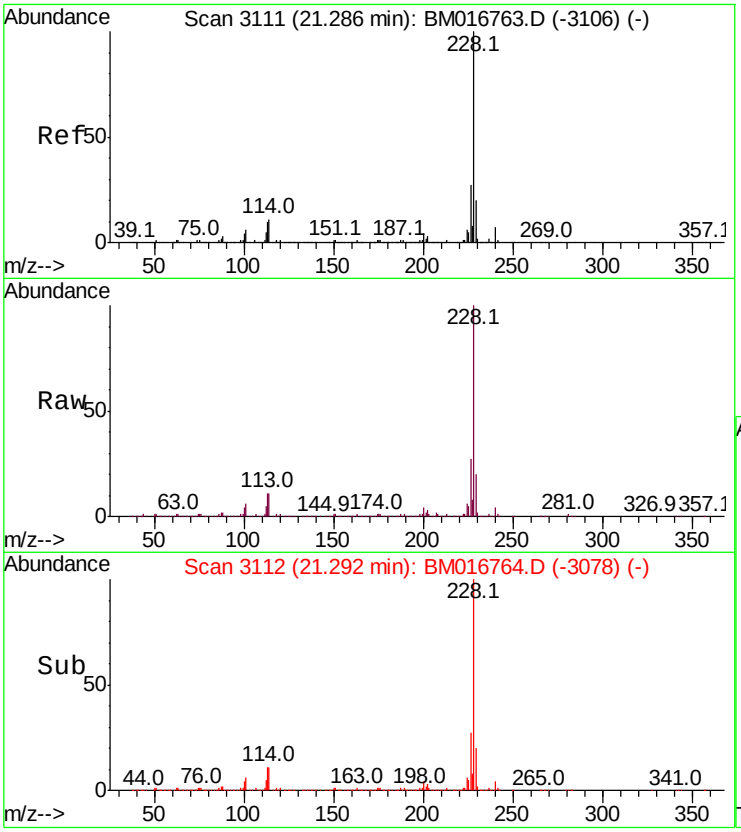


#81
Butylbenzylphthalate
Concen: 58.195 ng/ul
RT: 20.46 min Scan# 2971
Delta R.T. 0.01 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Tgt Ion:149 Resp: 1679545

Ion	Ratio	Lower	Upper
149	100		
91	68.7	53.4	80.0
206	22.1	19.3	28.9



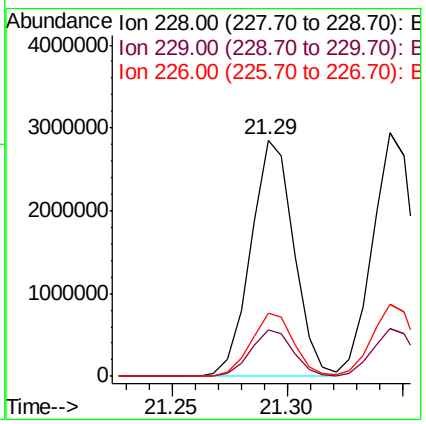


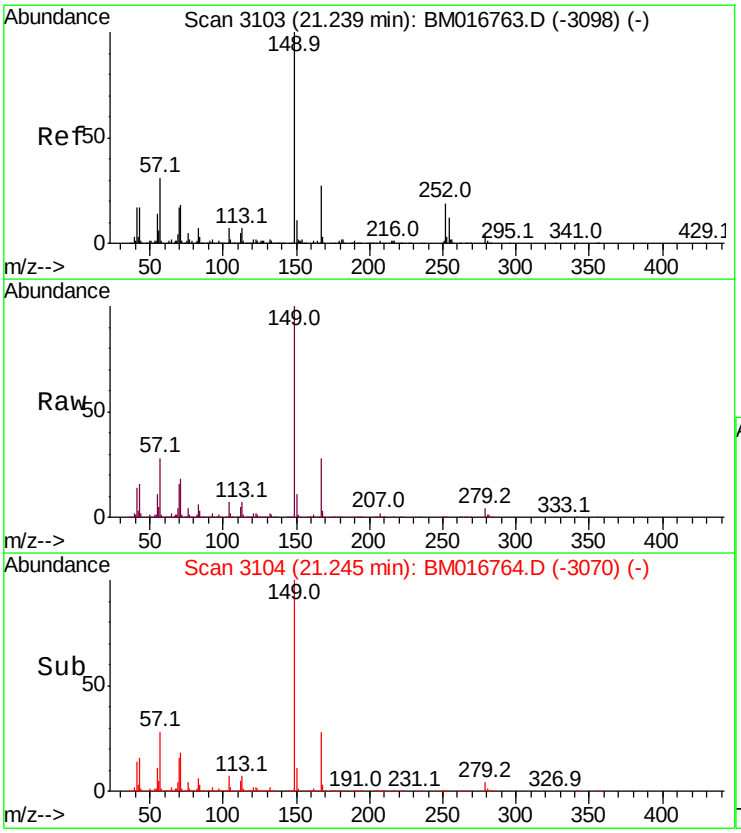
#83
Benzo(a)anthracene
Concen: 47.082 ng/ul
RT: 21.29 min Scan# 3112
Delta R.T. 0.00 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_M
ClientSampleId :
A3Z82

Tgt Ion:228 Resp: 3704444

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.0	24.0
226	26.8	21.8	32.8

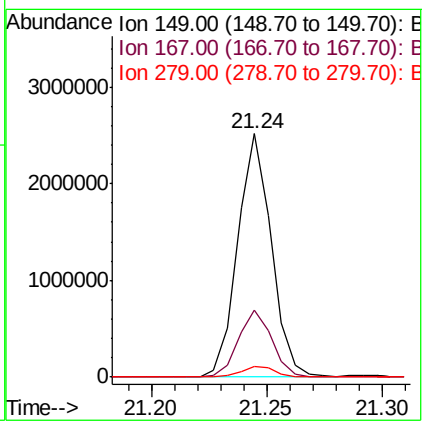


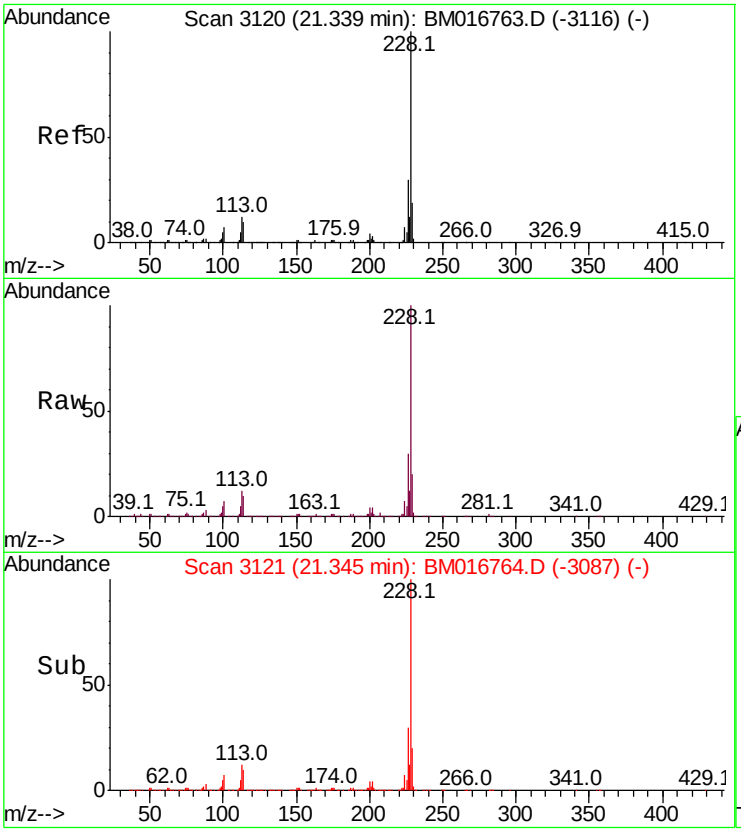


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.450 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Tgt Ion:149 Resp: 2560392

Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.0	34.6
279	4.4	4.3	6.5



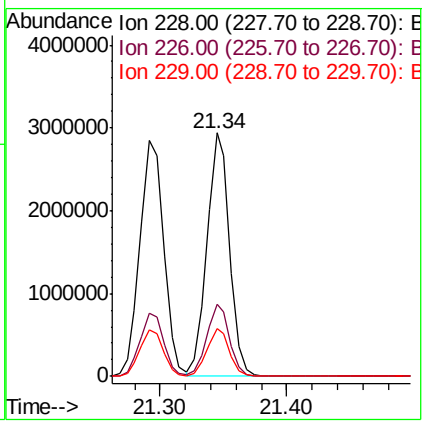


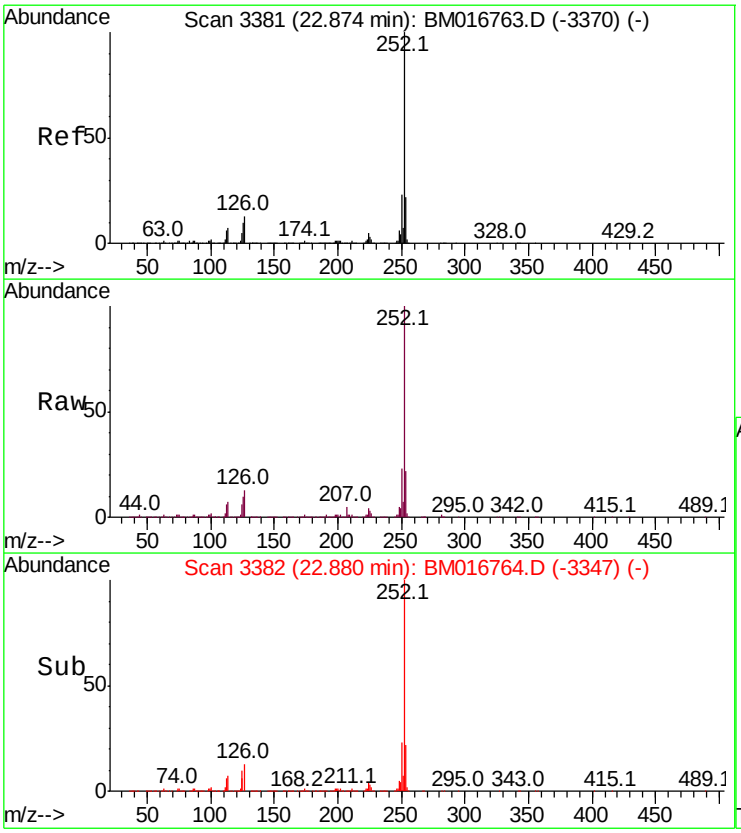
#85
Chrysene
Concen: 50.006 ng/ul
RT: 21.34 min Scan# 3121
Delta R.T. 0.00 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_M
ClientSampleId :
A3Z82

Tgt Ion:228 Resp: 3669239

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	19.7	16.0	24.0

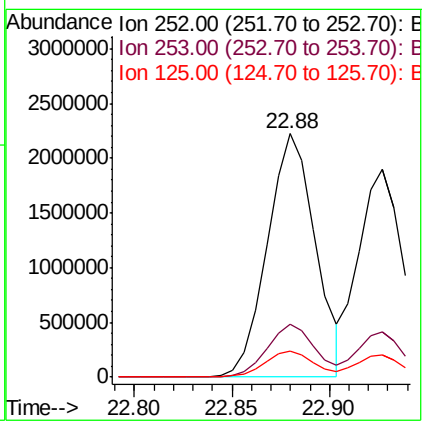


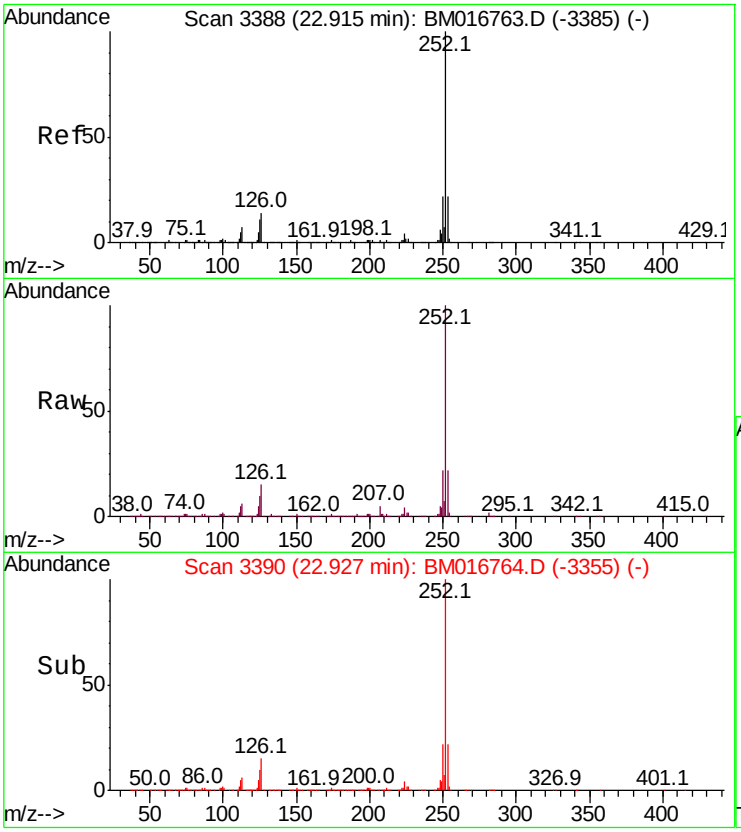


#88
Benzo(b)fluoranthene
Concen: 48.588 ng/ul
RT: 22.88 min Scan# 3382
Delta R.T. 0.01 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Tgt Ion:252 Resp: 3794547

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	10.5	4.9	7.3#



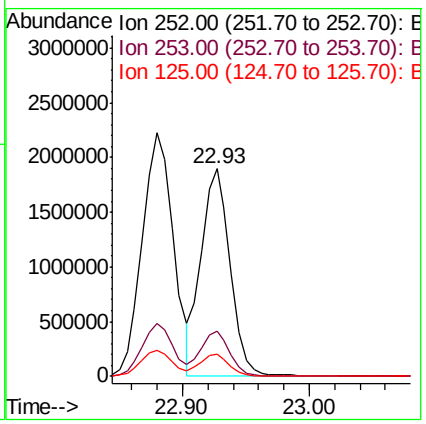


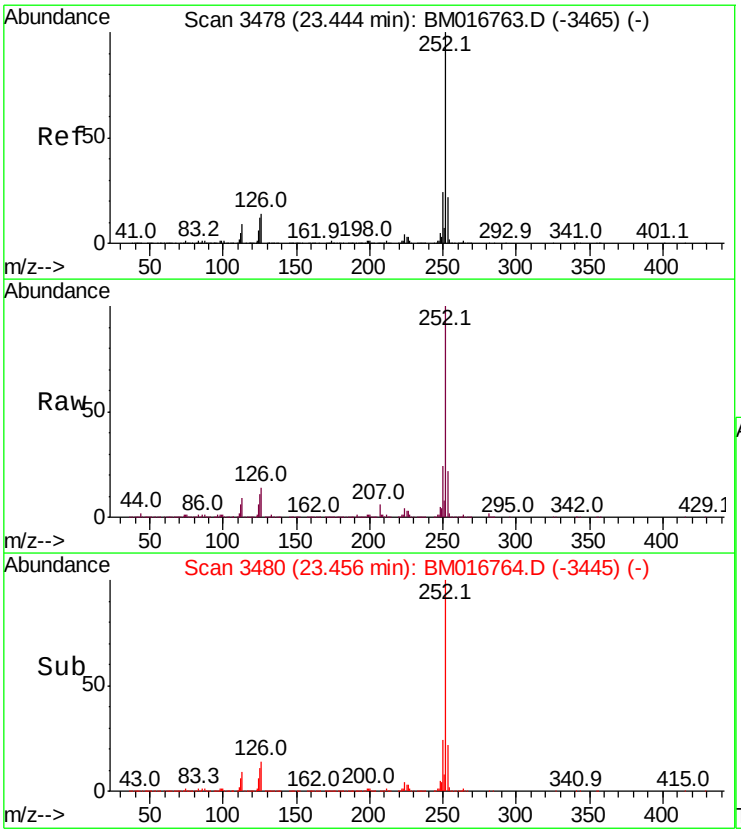
#89
Benzo(k)fluoranthene
Concen: 40.329 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_M
ClientSampleId :
A3Z82

Tgt Ion:252 Resp: 3024307

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	10.4	5.4	8.0#

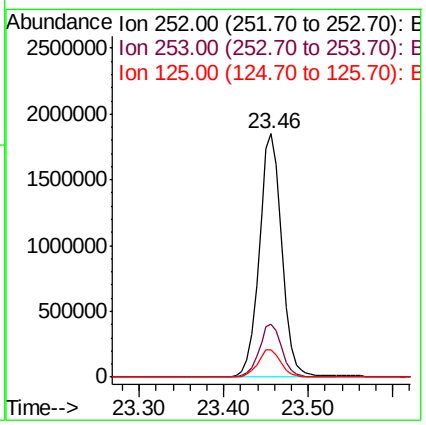


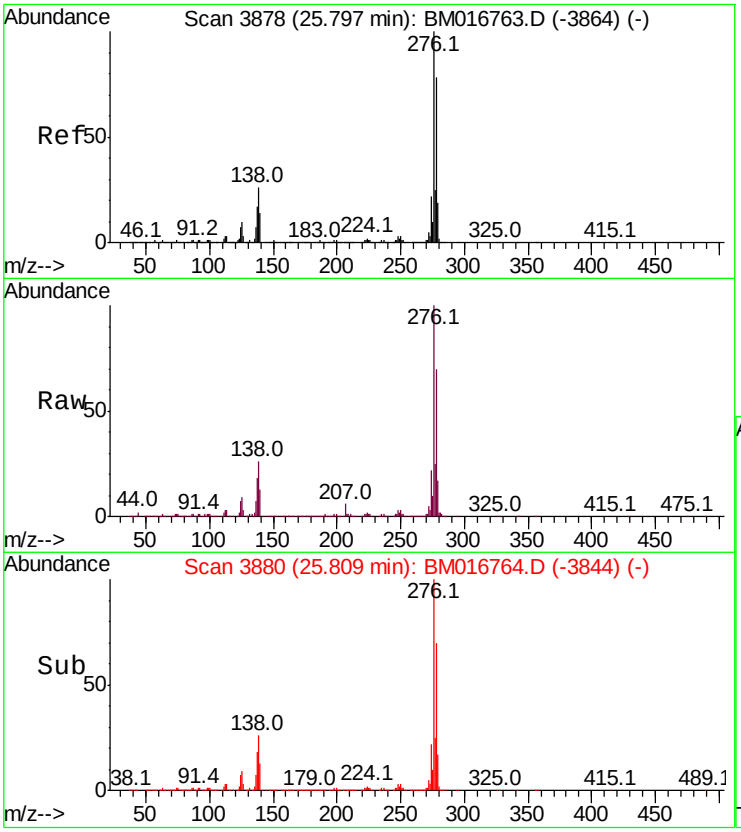


#91
Benzo(a)pyrene
Concen: 46.259 ng/ul
RT: 23.46 min Scan# 3480
Delta R.T. 0.01 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Tgt Ion:252 Resp: 3443612

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.3	5.8	8.6#



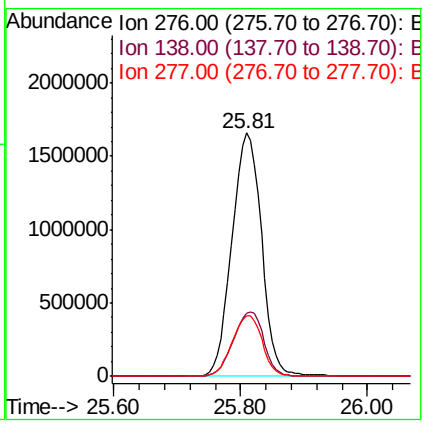


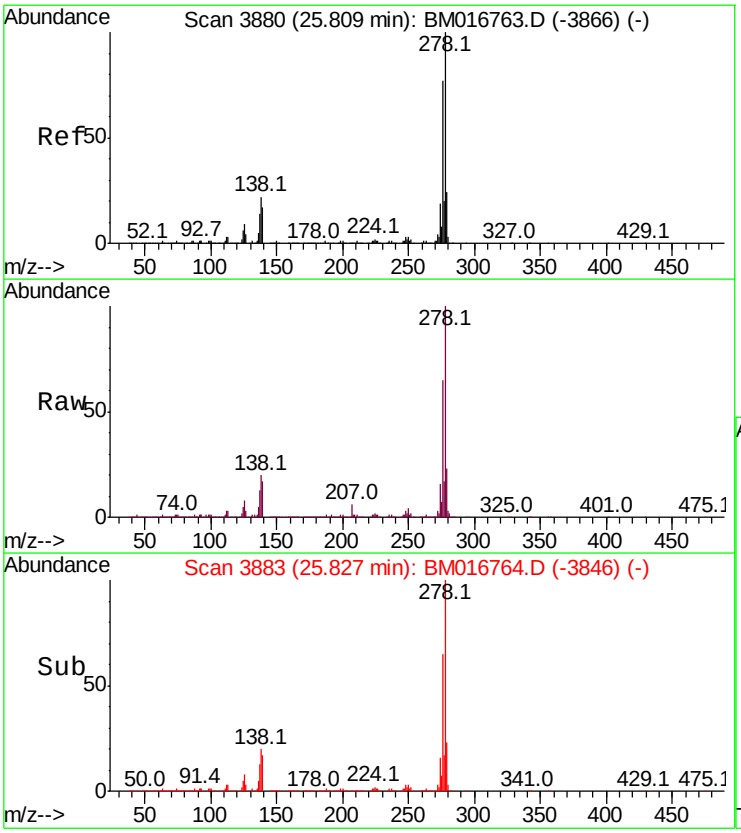
#92
Indeno(1,2,3-cd)pyrene
Concen: 60.598 ng/ul
RT: 25.81 min Scan# 3880
Delta R.T. 0.01 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_M
ClientSampleId :
A3Z82

Tgt Ion:276 Resp: 5381172

Ion	Ratio	Lower	Upper
276	100		
138	26.0	10.9	16.3#
277	25.1	18.9	28.3





#93
Dibenzo(a,h)anthracene
Concen: 67.135 ng/ul
RT: 25.83 min Scan# 3883
Delta R.T. 0.02 min
Lab File: BM016764.D
Acq: 17 Sep 2018 11:30

Tgt Ion:278 Resp: 4986986

Ion	Ratio	Lower	Upper
278	100		
139	17.0	9.0	13.4#
279	23.0	19.1	28.7