Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 30 05:37:41 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 05:30:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	682277	20.00	ng/ul	0.01
18) Naphthalene-d8	10.67	136	2352880	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.50	164	1261080	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2510395	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2784973	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	3176223	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	23506	1.76	ng/uL	0.00
5) Phenol-d5	7.05	99	505374	8.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	1139947	33.69	ng/ul	0.02
9) 2-Chlorophenol-d4	7.42	132	352482	8.26	ng/ul	0.01
13) 4-Methylphenol-d8	8.57	113	403679	8.29	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	163232	11.08	ng/ul	0.01
22) 2-Nitrophenol-d4	9.76	143	178903	11.78	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.29	165	340036	8.46	ng/ul	0.01
29) 4-Chloroaniline-d4	10.79	131	1994100	47.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	1002660	9.10	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1245667	9.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	52269	3.19	ng/ul	0.00
57) Fluorene-d10	15.49	176	812710	8.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	16228	1.34	ng/ul	0.00
70) Anthracene-d10	17.34	188	1160705	9.70	ng/ul	0.00
76) Pyrene-d10	19.63	212	1236666	9.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1422160	9.42	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.03	77	492214	15.88	ng/ul#	17
6) Phenol	7.07	94	158132	2.66	ng/ul#	51
14) Acetophenone	8.69	105	148737	1.94	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.66	70	701959	16.81	ng/ul#	47
17) Hexachloroethane	8.99	117	3669944	198.24	ng/ul#	1
20) Nitrobenzene	9.08	77	794190	18.71	ng/ul#	44
21) Isophorone	9.61	82	1629771	18.14	ng/ul#	1
23) 2-Nitrophenol	9.81	139	122887	7.29	ng/ul#	1
24) 2,4-Dimethylphenol	9.89	107	660136	13.91	ng/ul#	65
25) Bis(2-Chloroethoxy)methane	10.09	93	158296	3.14	ng/ul#	1
27) 2,4-Dichlorophenol	10.33	162	81386	2.07	ng/ul#	28
28) Naphthalene	10.72	128	344731	2.95	ng/ul#	12
32) Caprolactam	11.60	113	22667	1.78	ng/ul#	1
49) Acenaphthene	14.57	153	241399	2.83	ng/ul	99
52) 4-Nitrophenol	14.71	109	43596	2.62	ng/ul#	10
53) Dibenzofuran	14.90	168	188747	1.50	ng/ul	96
58) Fluorene	15.55	166	156389	1.47	ng/ul#	95
69) Phenanthrene	17.29	178	808939	5.96	ng/ul	99
71) Anthracene	17.29	178	808939	5.77	ng/ul	97
74) Fluoranthene	19.30	202	1123921	7.31	ng/ul#	92
77) Pyrene	19.66	202	1057709	6.68	ng/ul#	91
80) Benzo(a)anthracene	21.40	228	646571	3.88	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.33	149	834983	8.80	ng/ul	99

Quantitation Report (Not Reviewed)

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Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 30 05:37:41 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 05:30:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	21.40	228	646571	4.36	ng/ul	97
85) Benzo(b)fluoranthene	23.03	252	898247	4.57	ng/ul#	81
86) Benzo(k)fluoranthene	23.03	252	898247	4.86	ng/ul#	79
88) Benzo(a)pyrene	23.62	252	664532	3.55	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	26.07	276	542779	2.46	ng/ul#	91
91) Benzo(g,h,i)perylene	26.79	276	475299	2.66	ng/ul#	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Oct 30 05:37:41 2017
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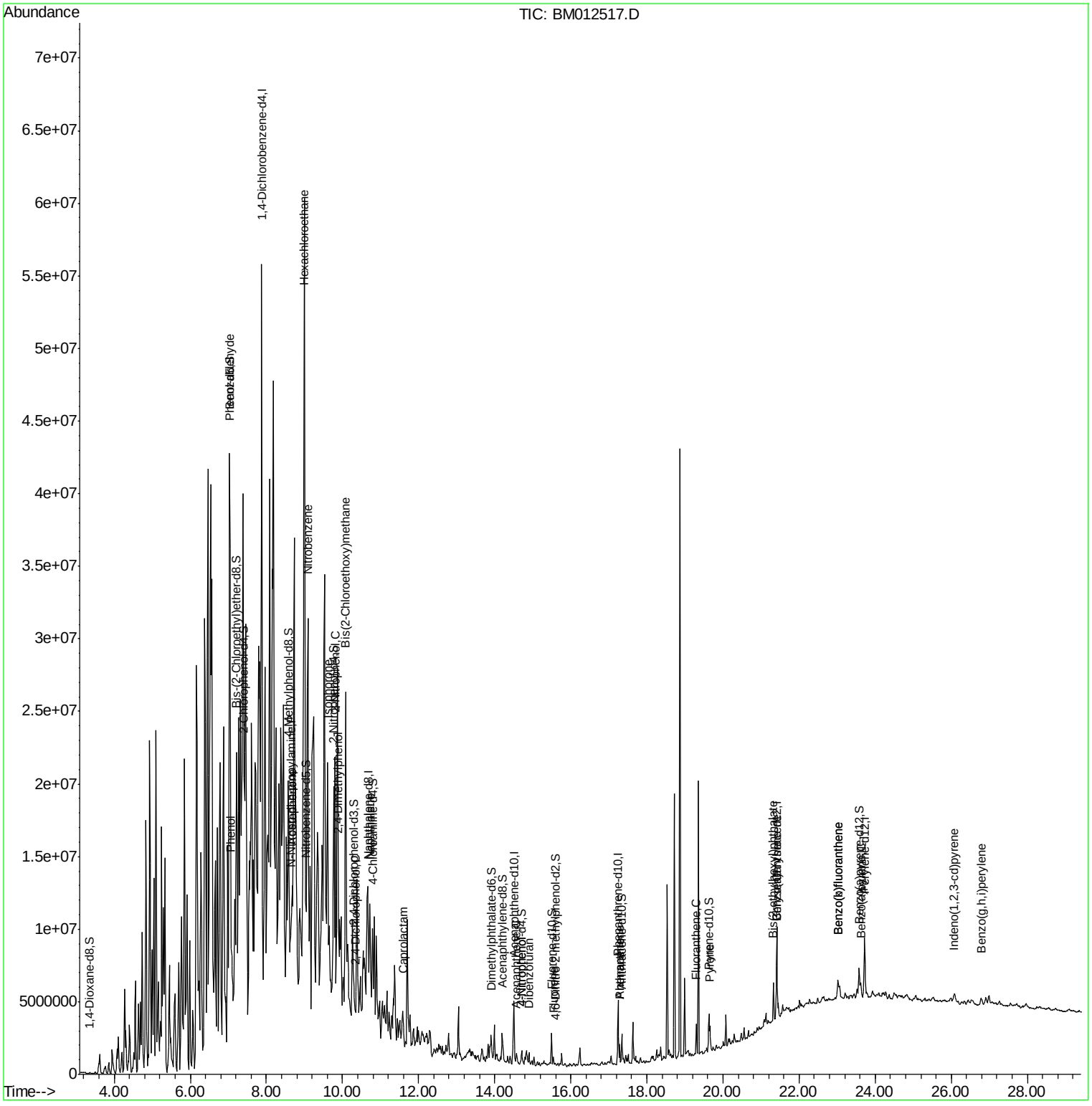
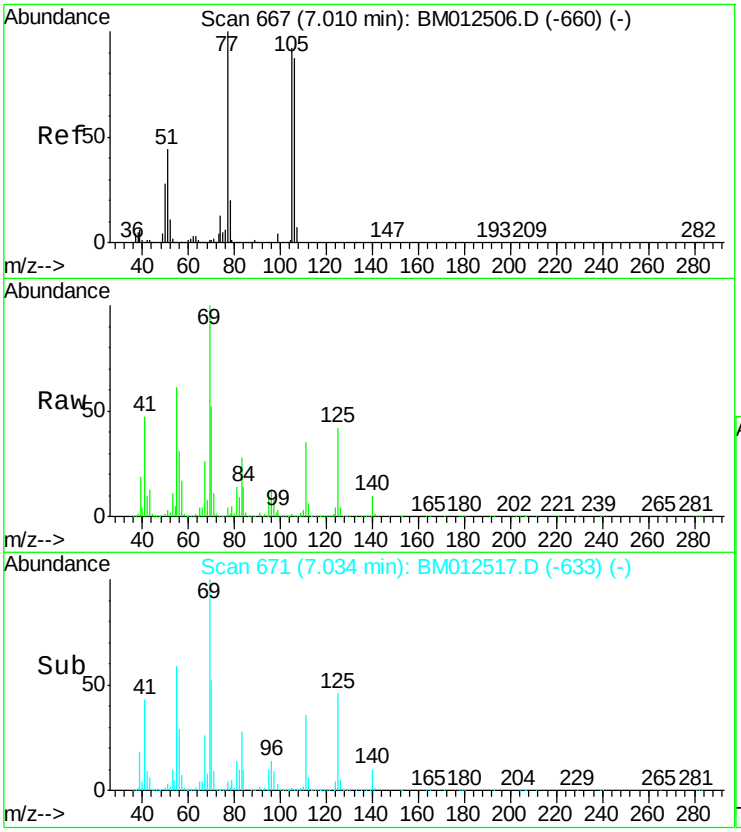
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 05:30:34 2017
Response via : Initial Calibration



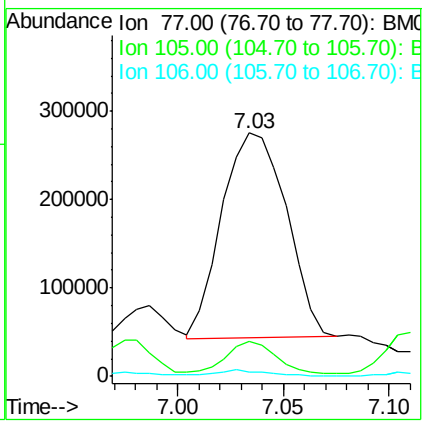


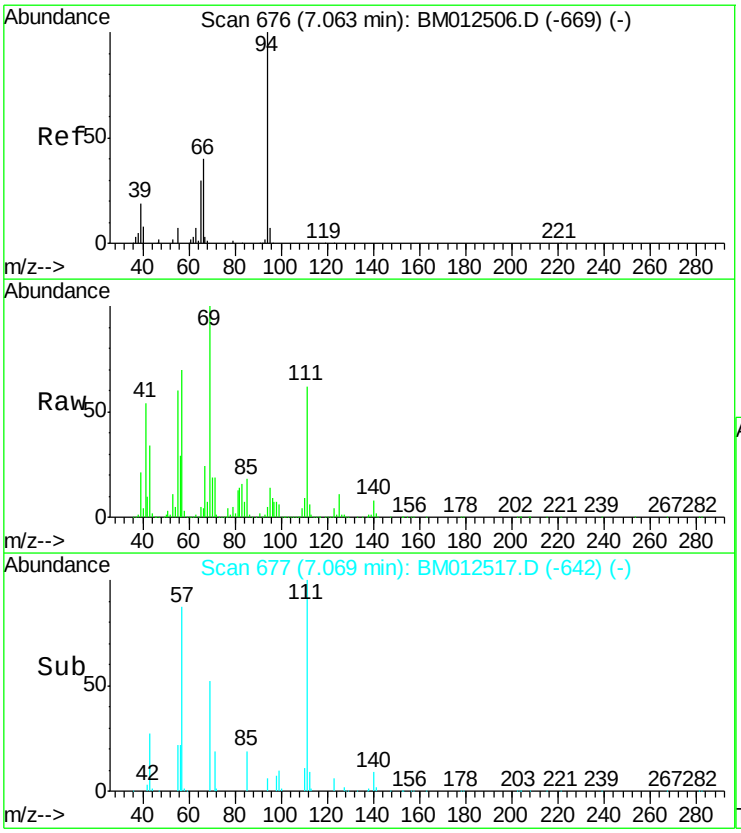
#4
Benzaldehyde
Concen: 15.88 ng/ul
RT: 7.03 min Scan# 671
Delta R.T. 0.02 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 492214

Ion	Ratio	Lower	Upper
77	100		
105	14.5	66.1	99.1#
106	1.9	67.8	101.6#

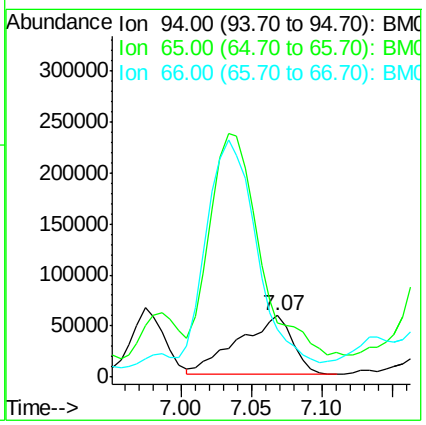


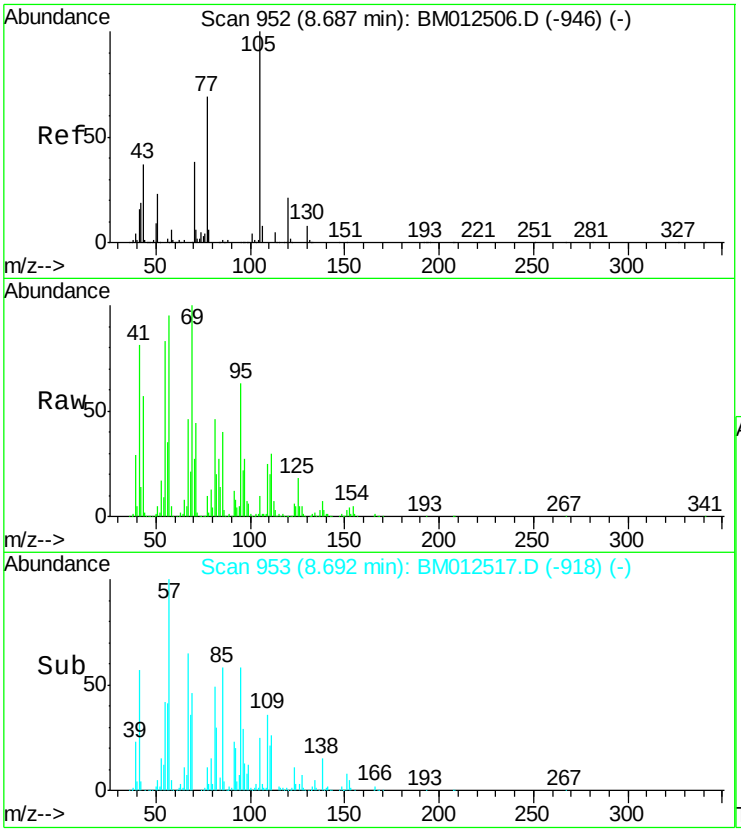


#6
Phenol
Concen: 2.66 ng/ul
RT: 7.07 min Scan# 677
Delta R.T. 0.01 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Tgt Ion: 94 Resp: 158132

Ion	Ratio	Lower	Upper
94	100		
65	88.7	28.2	42.4#
66	76.6	47.2	70.8#



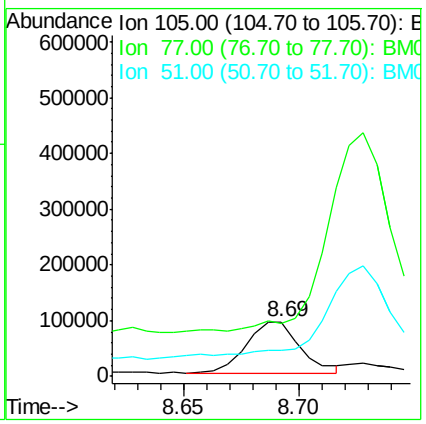


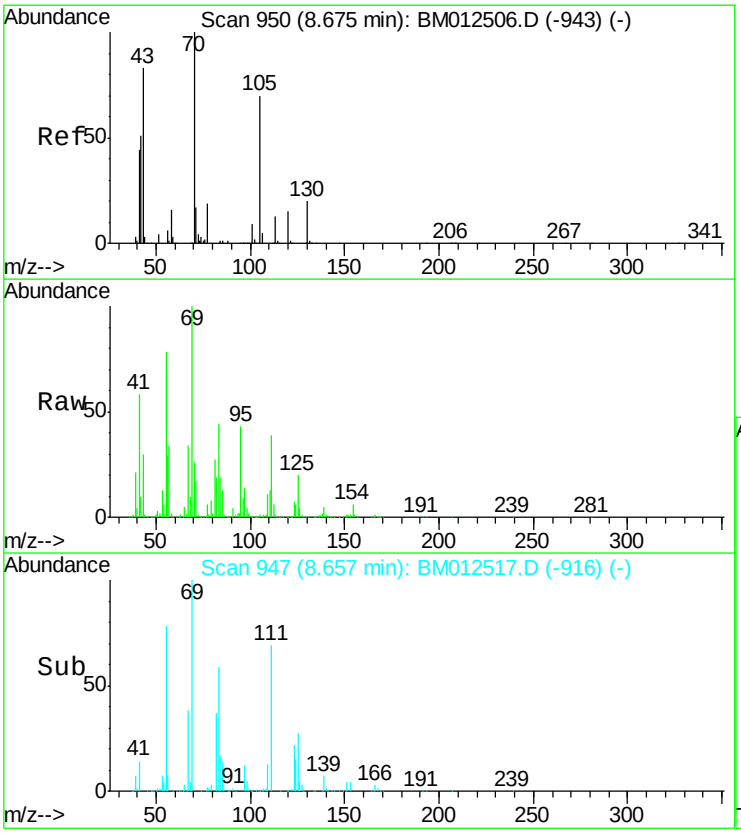
#14
Acetophenone
Concen: 1.94 ng/ul
RT: 8.69 min Scan# 953
Delta R.T. 0.01 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 148737

Ion	Ratio	Lower	Upper
105	100		
77	97.4	74.2	111.4
51	46.8	23.4	35.2#

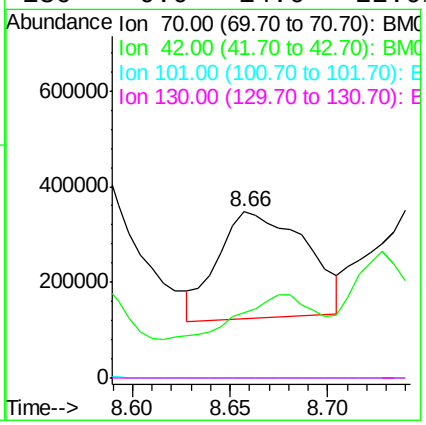


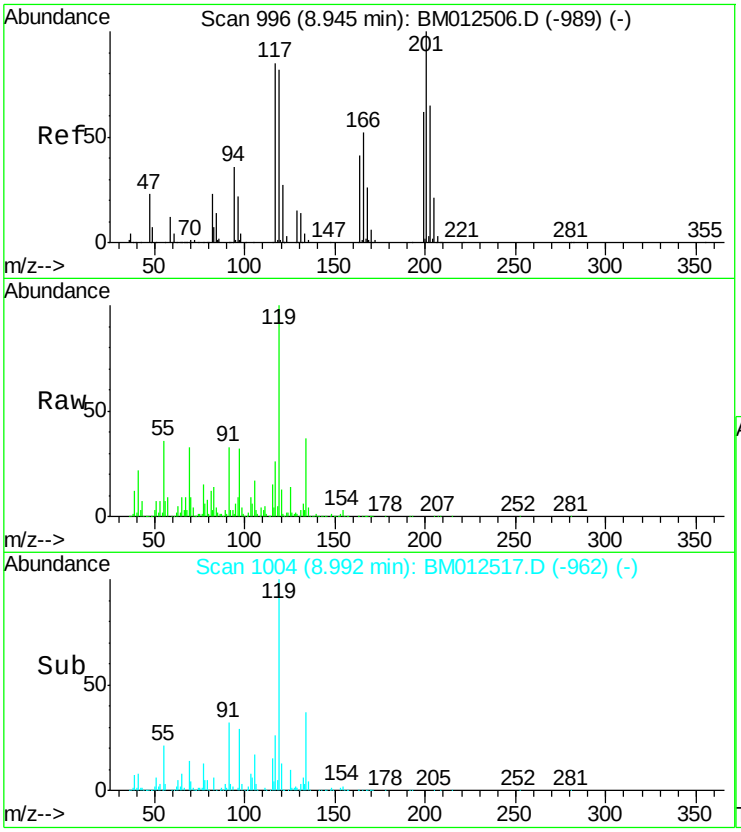


#15
N-Nitroso-di-n-propylamine
Concen: 16.81 ng/ul
RT: 8.66 min Scan# 947
Delta R.T. -0.02 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Tgt Ion: 70 Resp: 701959

Ion	Ratio	Lower	Upper
70	100		
42	39.0	76.0	114.0#
101	0.1	6.7	10.1#
130	0.0	14.6	22.0#



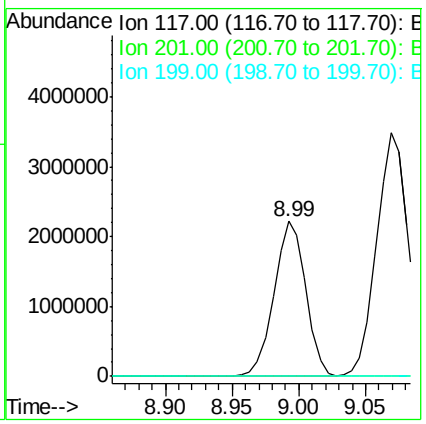


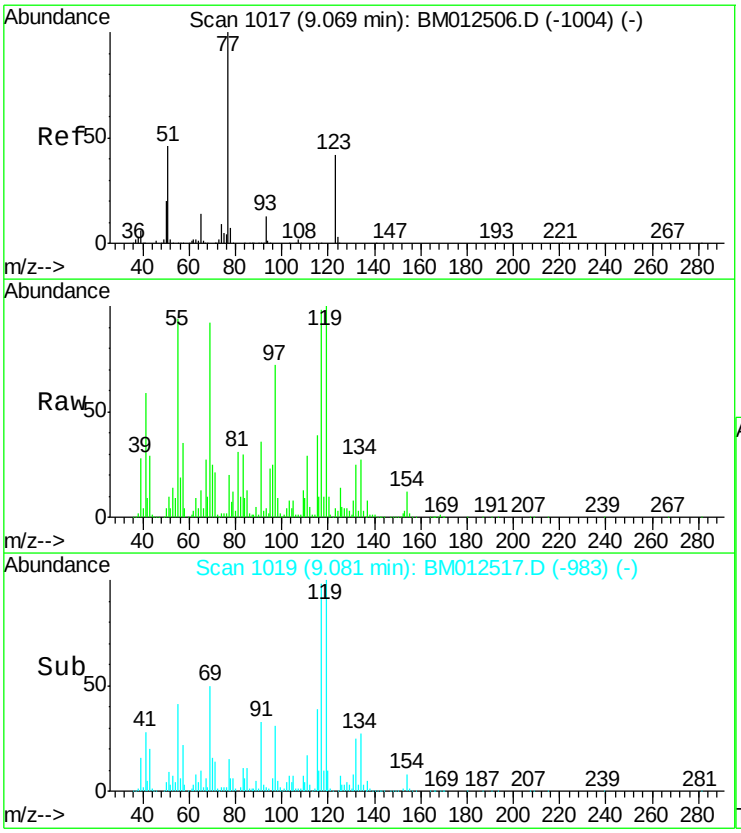
#17
Hexachloroethane
Concen: 198.24 ng/ul
RT: 8.99 min Scan# 1004
Delta R.T. 0.05 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 3669944

Ion	Ratio	Lower	Upper
117	100		
201	0.0	111.6	167.4#
199	0.0	67.8	101.6#

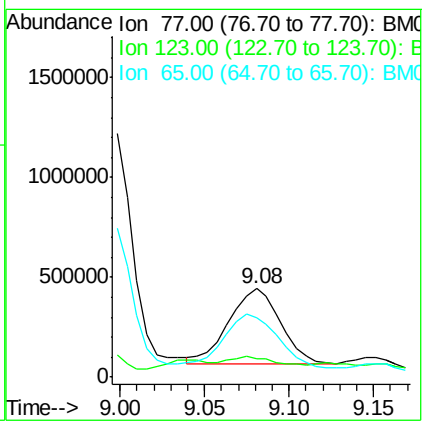


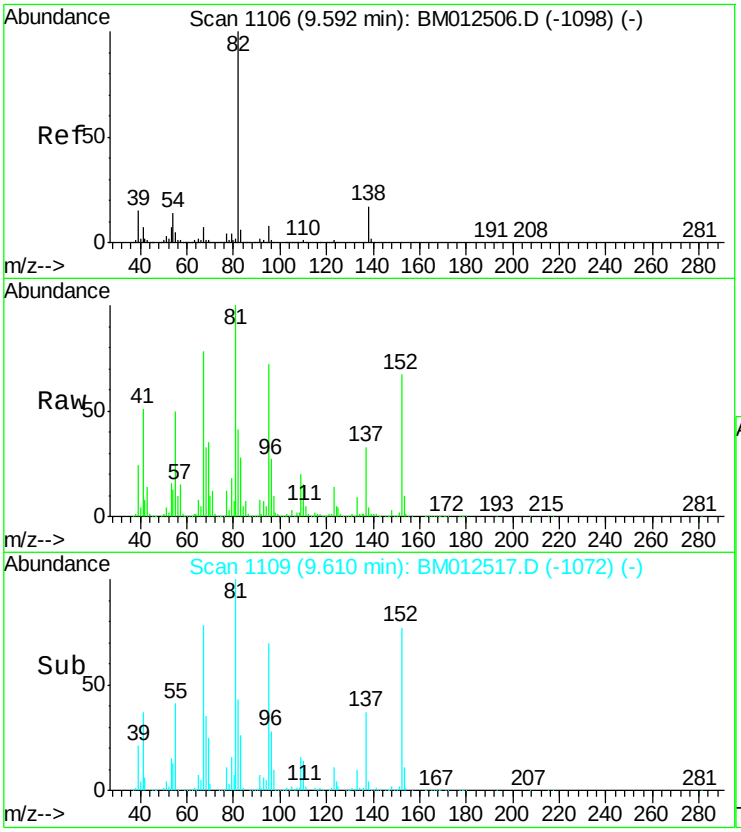


#20
Nitrobenzene
Concen: 18.71 ng/ul
RT: 9.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Tgt Ion: 77 Resp: 794190

Ion	Ratio	Lower	Upper
77	100		
123	21.2	31.0	46.6#
65	67.5	12.2	18.2#



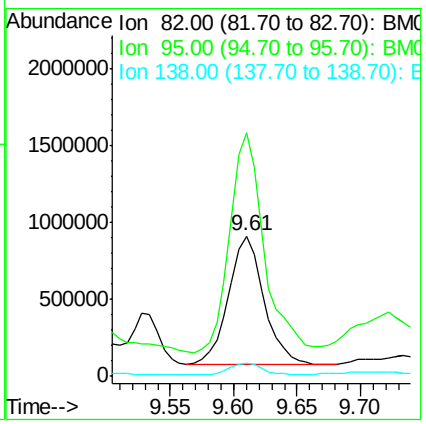


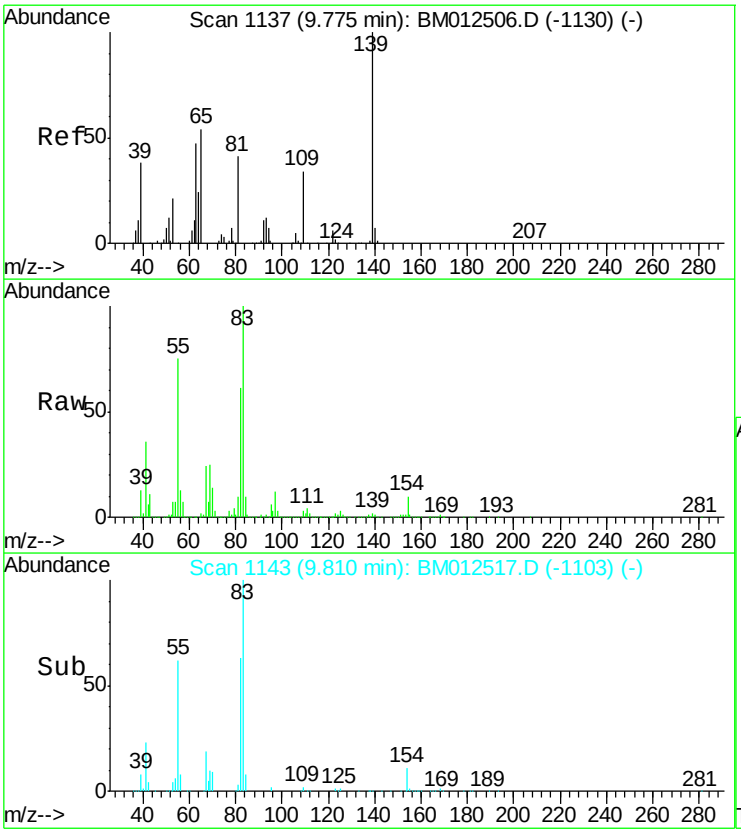
#21
Isophorone
Concen: 18.14 ng/ul
RT: 9.61 min Scan# 1109
Delta R.T. 0.02 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 1629771

Ion	Ratio	Lower	Upper
82	100		
95	173.3	7.8	11.8#
138	9.7	11.9	17.9#

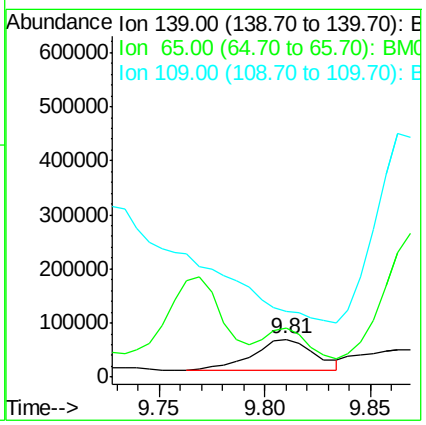


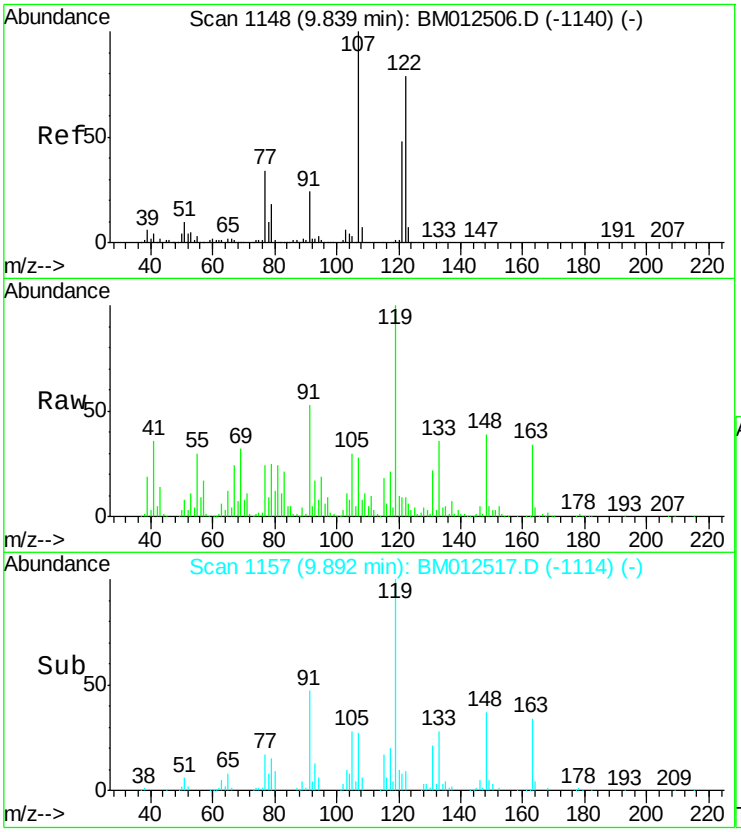


#23
2-Nitrophenol
Concen: 7.29 ng/ul
RT: 9.81 min Scan# 1143
Delta R.T. 0.04 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Tgt Ion:139 Resp: 122887

Ion	Ratio	Lower	Upper
139	100		
65	130.7	55.4	83.0#
109	173.4	42.2	63.2#



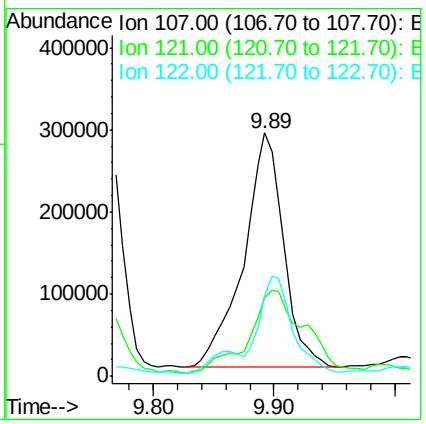


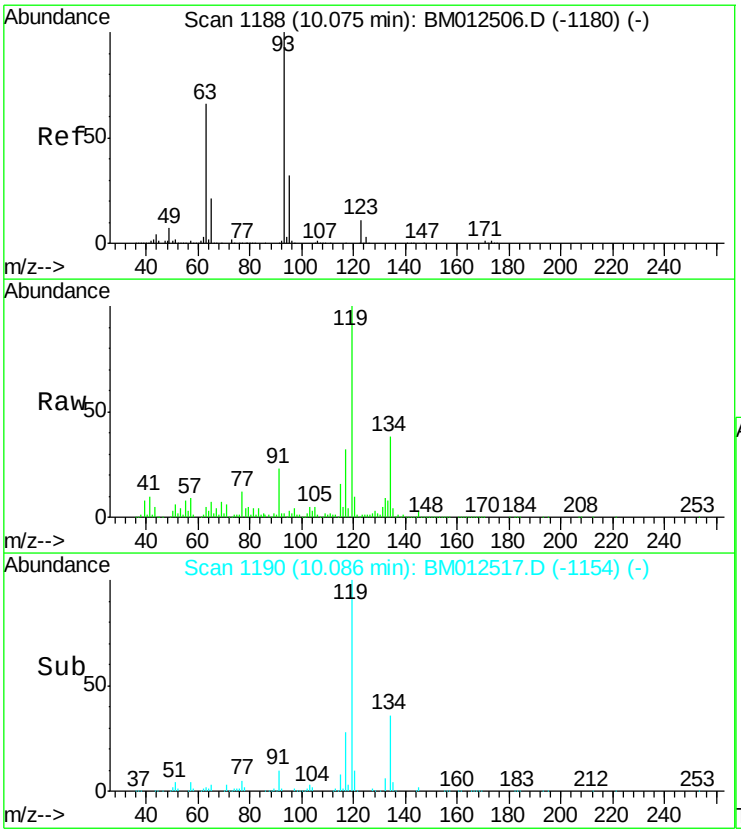
#24
2,4-Dimethylphenol
Concen: 13.91 ng/ul
RT: 9.89 min Scan# 1157
Delta R.T. 0.05 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 660136

Ion	Ratio	Lower	Upper
107	100		
121	32.3	31.9	47.9
122	33.1	57.8	86.6#

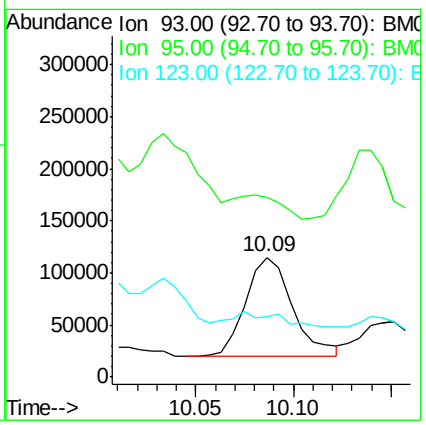


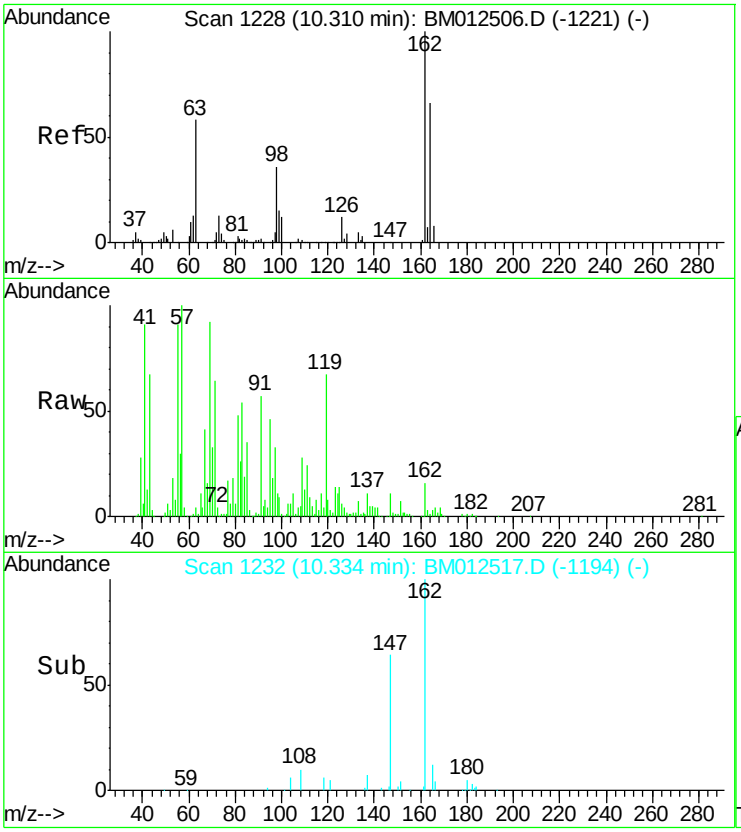


#25
Bis(2-Chloroethoxy)methane
Concen: 3.14 ng/ul
RT: 10.09 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Tgt Ion: 93 Resp: 158296

Ion	Ratio	Lower	Upper
93	100		
95	150.0	28.5	42.7#
123	50.7	8.9	13.3#



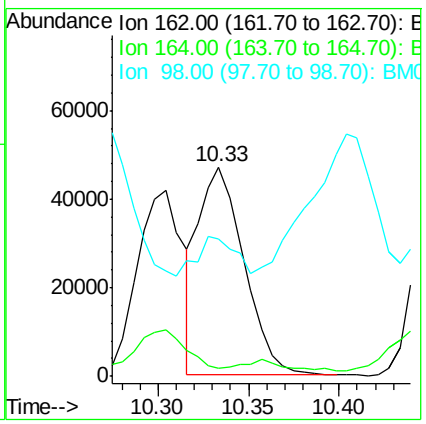


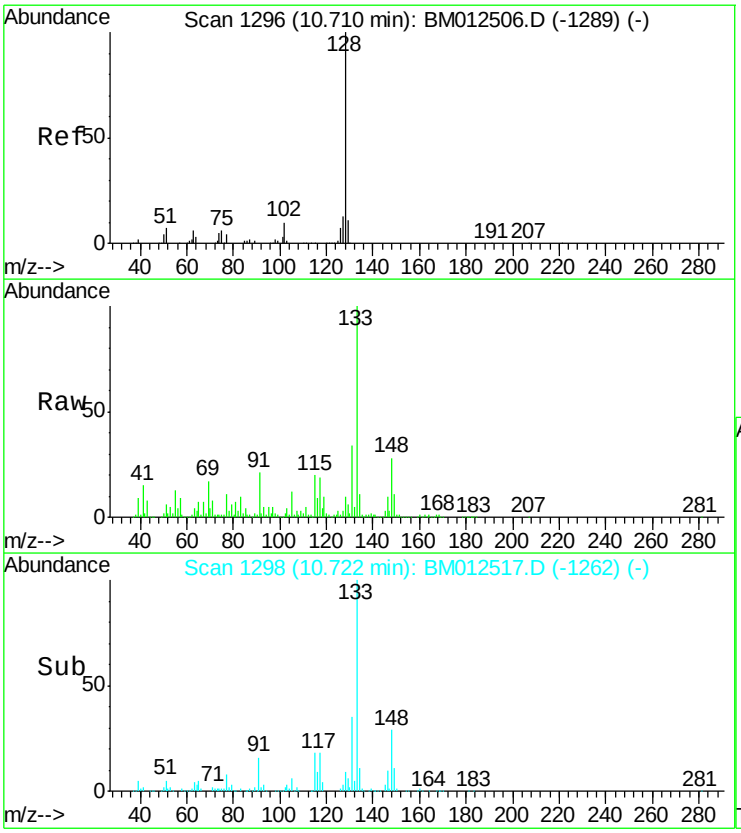
#27
2,4-Dichlorophenol
Concen: 2.07 ng/ul
RT: 10.33 min Scan# 1232
Delta R.T. 0.02 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 81386

Ion	Ratio	Lower	Upper
162	100		
164	3.9	47.8	71.6#
98	65.4	23.0	34.4#

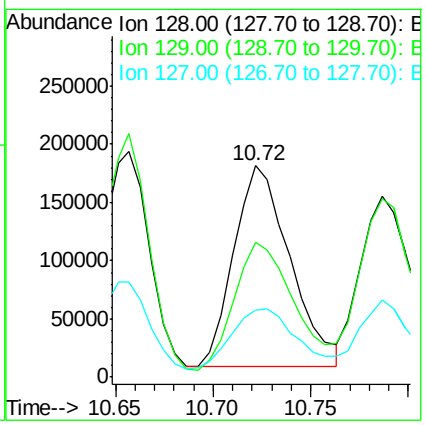


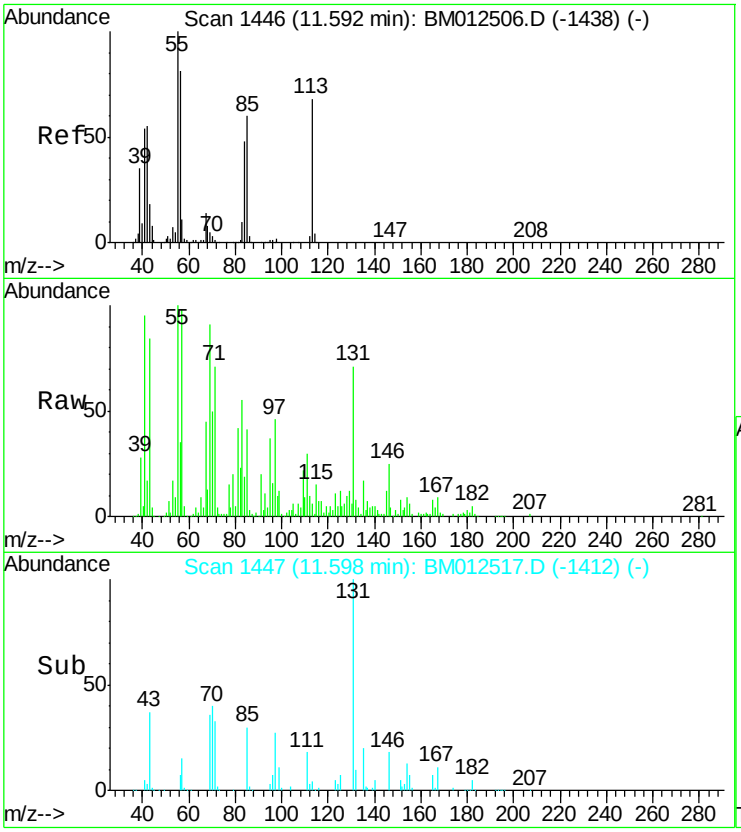


#28
Naphthalene
Concen: 2.95 ng/ul
RT: 10.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Tgt Ion:128 Resp: 344731

Ion	Ratio	Lower	Upper
128	100		
129	63.8	8.8	13.2#
127	31.8	10.6	16.0#



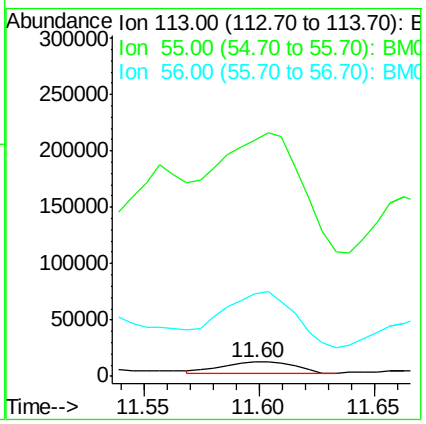


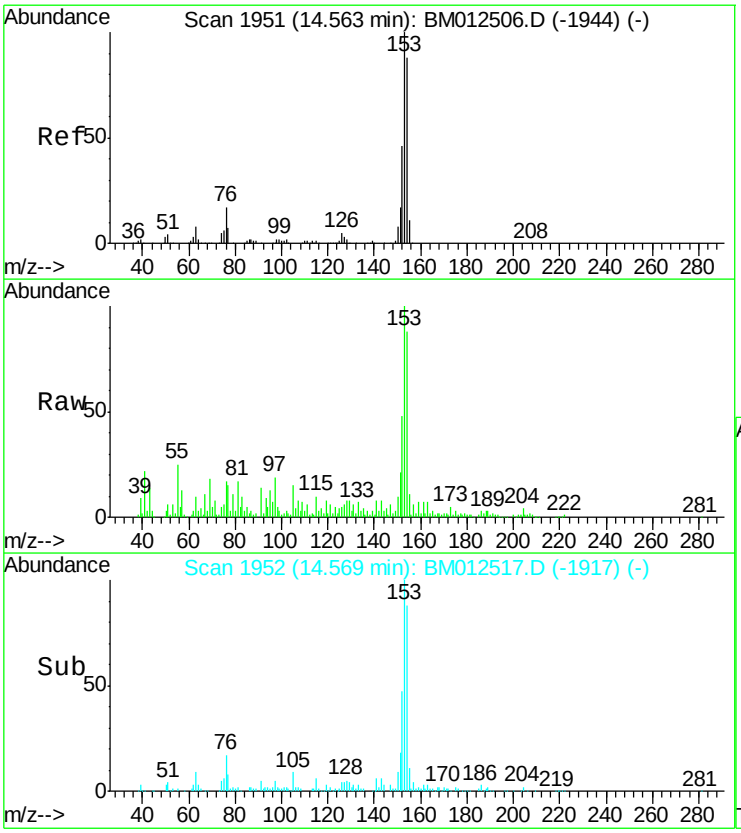
#32
Caprolactam
Concen: 1.78 ng/ul
RT: 11.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 22667

Ion	Ratio	Lower	Upper
113	100		
55	1634.4	208.0	312.0#
56	574.9	160.0	240.0#

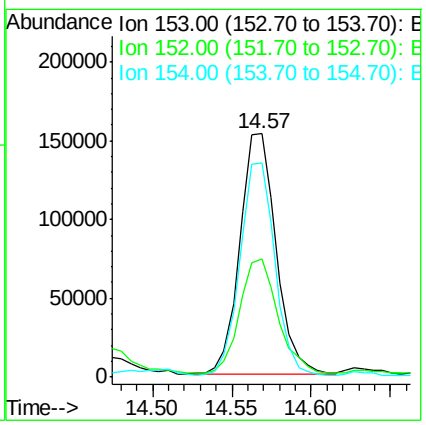


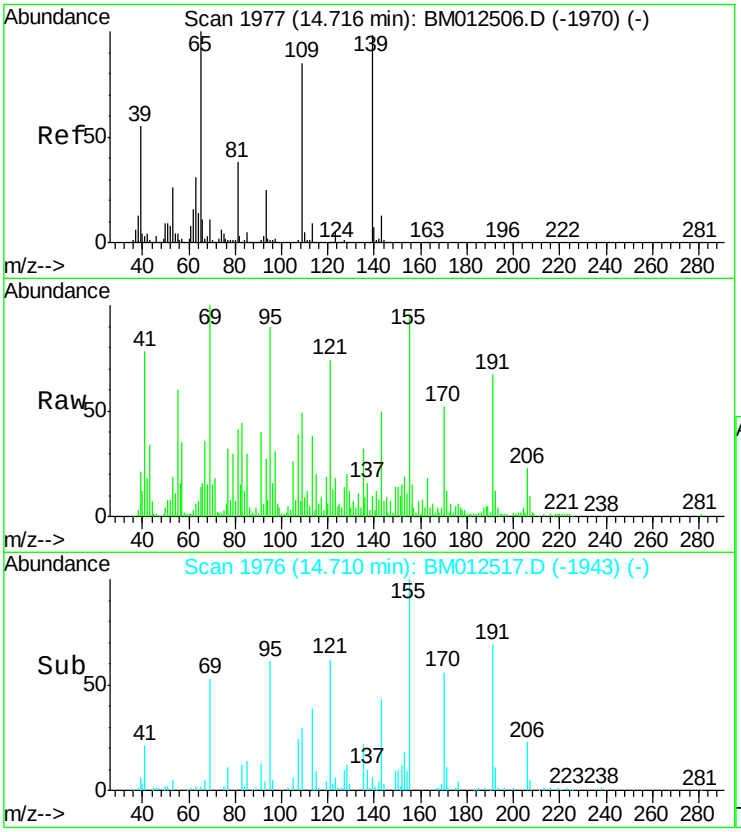


#49
Acenaphthene
Concen: 2.83 ng/ul
RT: 14.57 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Tgt Ion:153 Resp: 241399

Ion	Ratio	Lower	Upper
153	100		
152	48.3	37.6	56.4
154	87.9	70.4	105.6



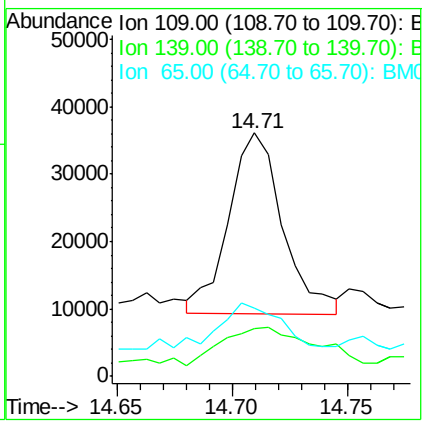


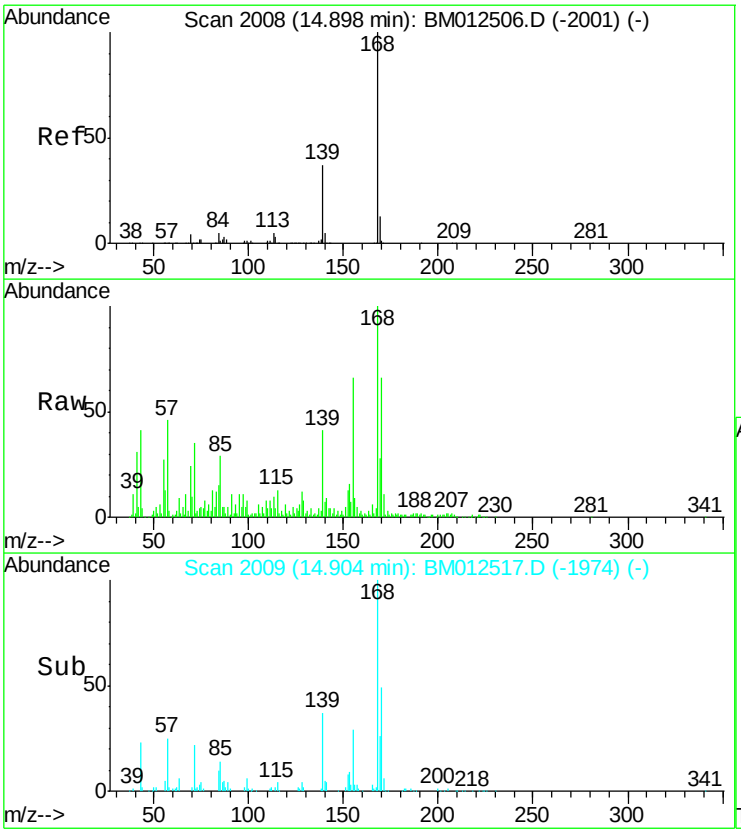
#52
4-Nitrophenol
Concen: 2.62 ng/ul
RT: 14.71 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 43596

Ion	Ratio	Lower	Upper
109	100		
139	19.7	80.0	120.0#
65	28.2	120.0	180.0#

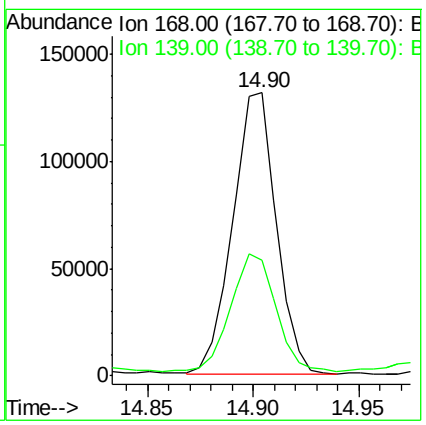


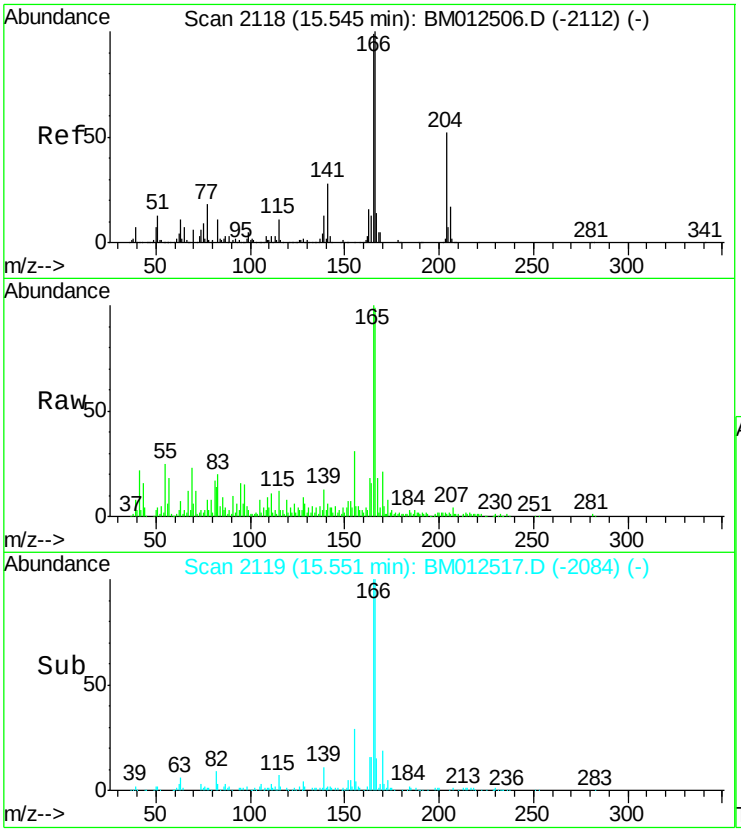


#53
Dibenzofuran
Concen: 1.50 ng/ul
RT: 14.90 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Tgt Ion:168 Resp: 188747

Ion	Ratio	Lower	Upper
168	100		
139	40.7	30.8	46.2



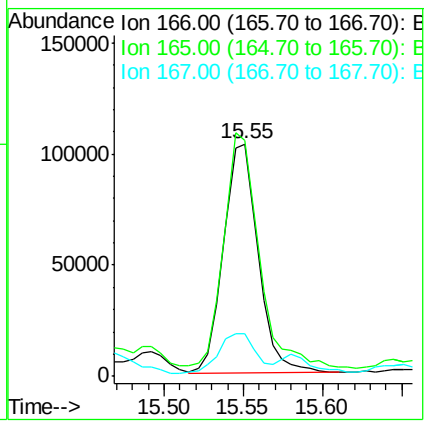


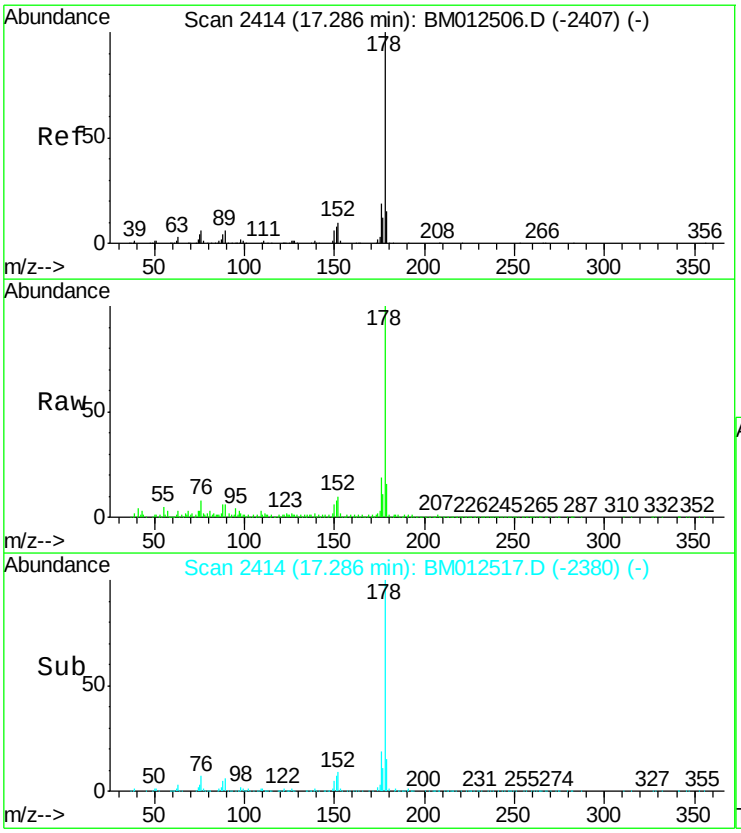
#58
Fluorene
Concen: 1.47 ng/ul
RT: 15.55 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 156389

Ion	Ratio	Lower	Upper
166	100		
165	101.5	77.9	116.9
167	18.2	10.6	16.0#

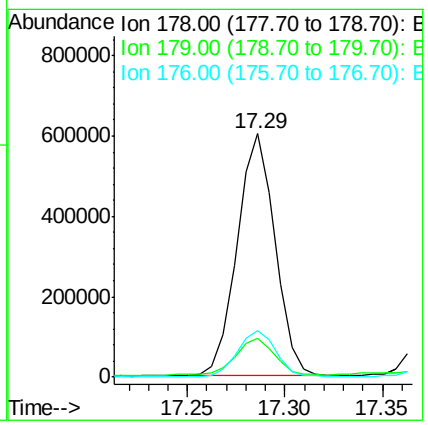


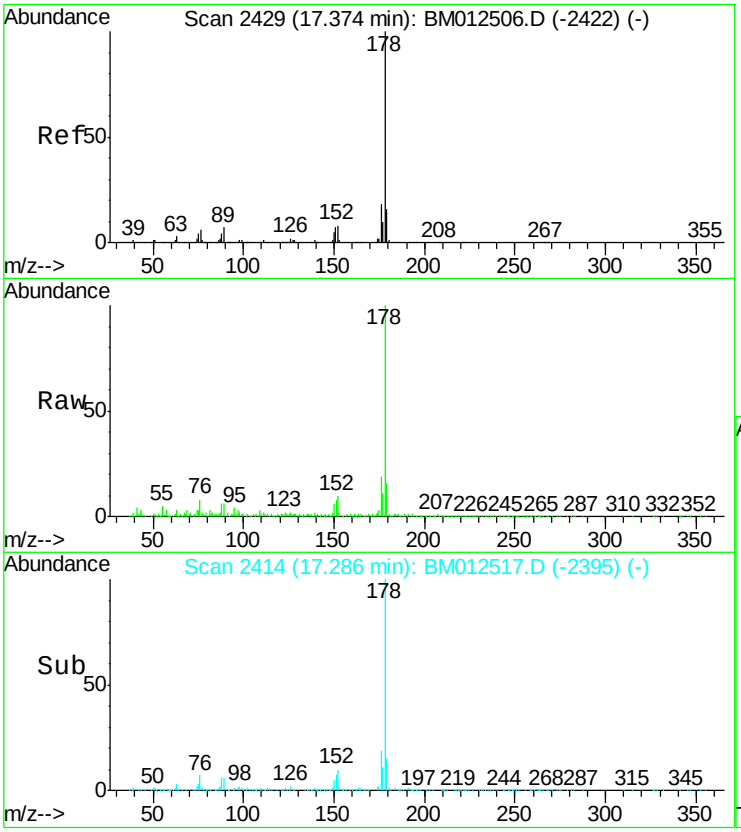


#69
Phenanthrene
Concen: 5.96 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Tgt Ion:178 Resp: 808939

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	19.1	14.9	22.3



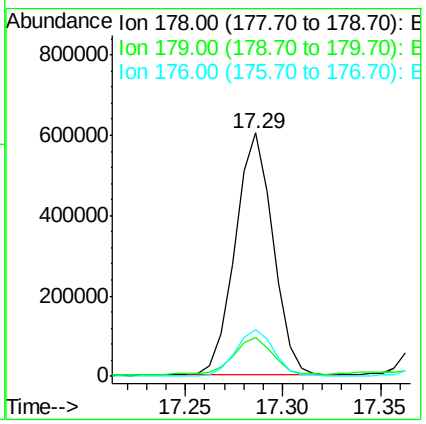


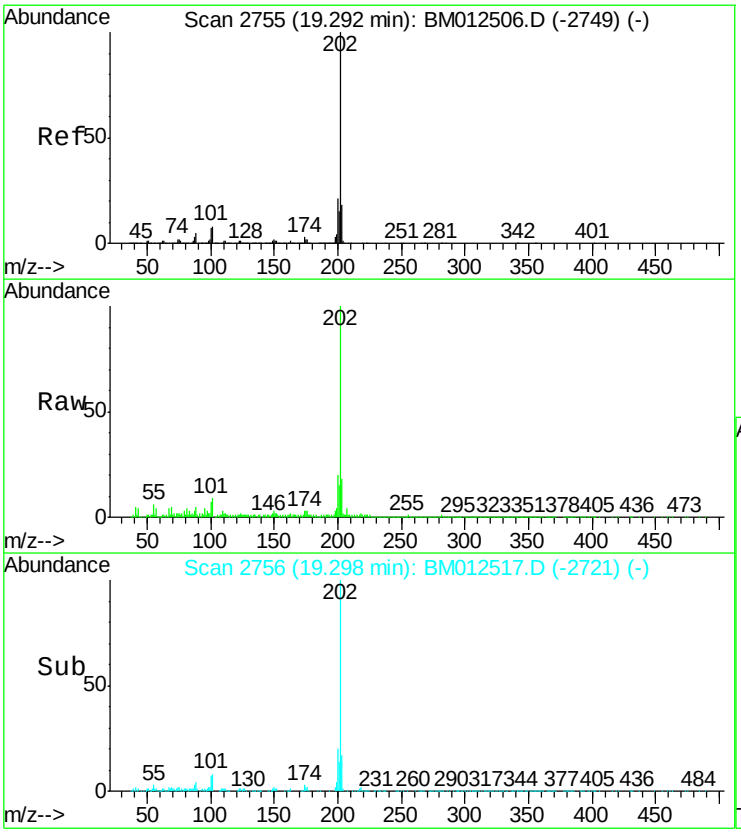
#71
Anthracene
Concen: 5.77 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. -0.09 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 808939

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.7	17.5
176	19.1	14.6	21.8

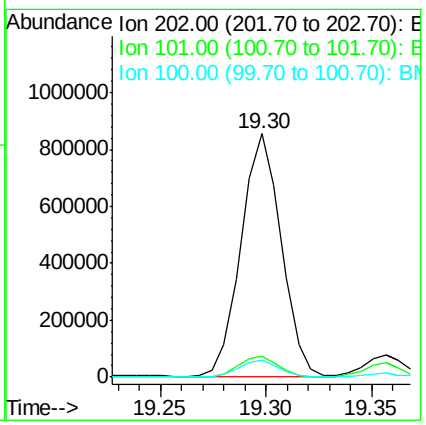


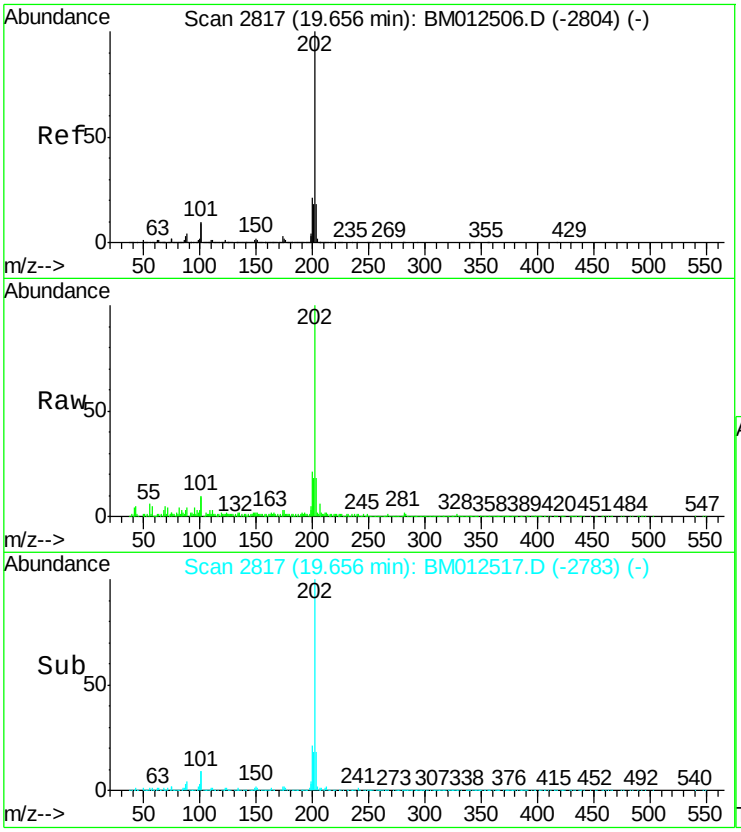


#74
Fluoranthene
Concen: 7.31 ng/ul
RT: 19.30 min Scan# 2756
Delta R.T. 0.01 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Tgt Ion:202 Resp: 1123921

Ion	Ratio	Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	7.1	3.4	5.2#



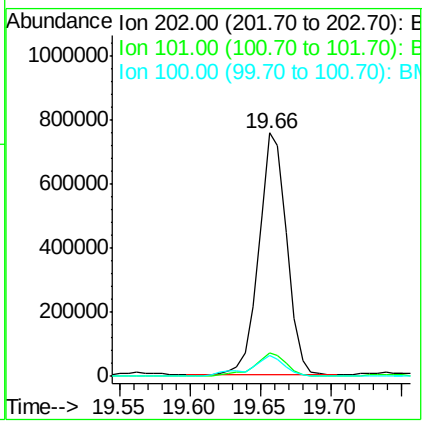


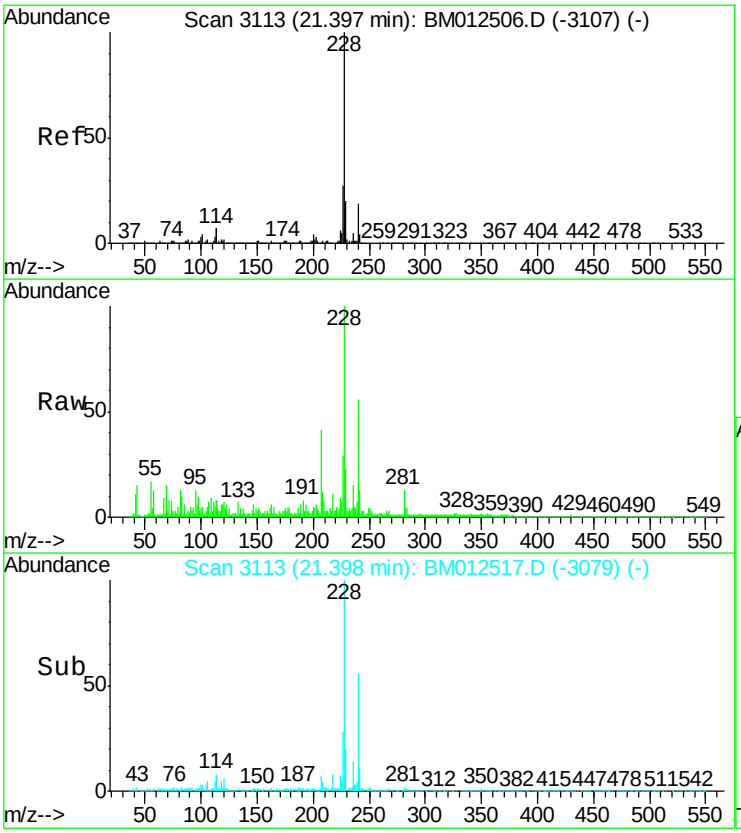
#77
Pyrene
Concen: 6.68 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1057709

Ion	Ratio	Lower	Upper
202	100		
101	9.6	5.1	7.7#
100	8.8	4.9	7.3#

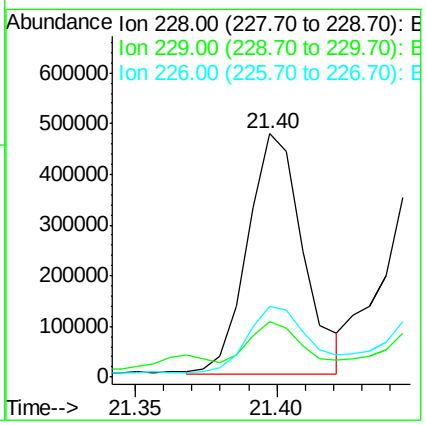


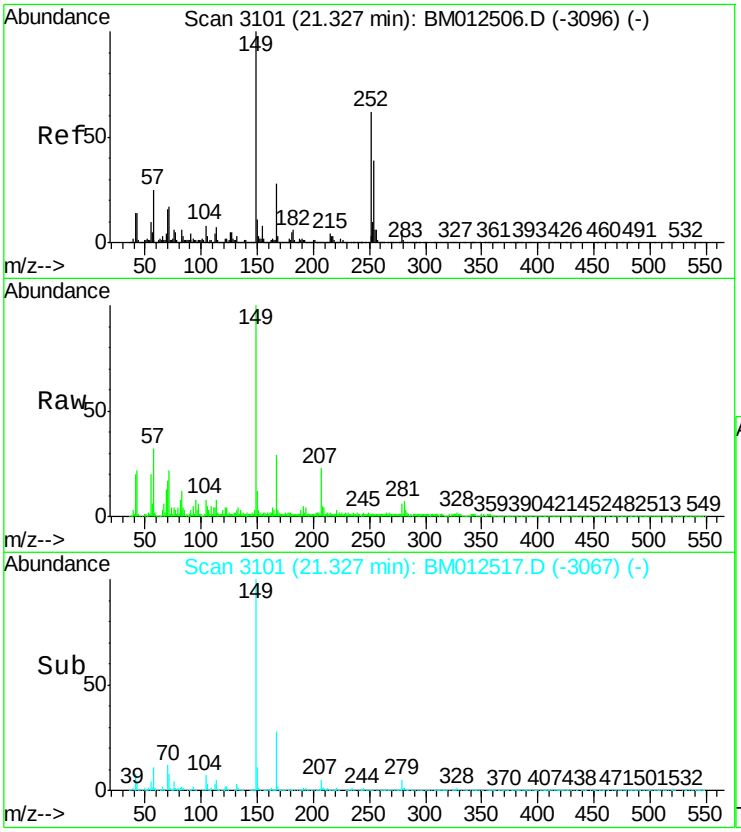


#80
Benzo(a)anthracene
Concen: 3.88 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Tgt Ion:228 Resp: 646571

Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.4	23.0
226	28.9	21.4	32.0



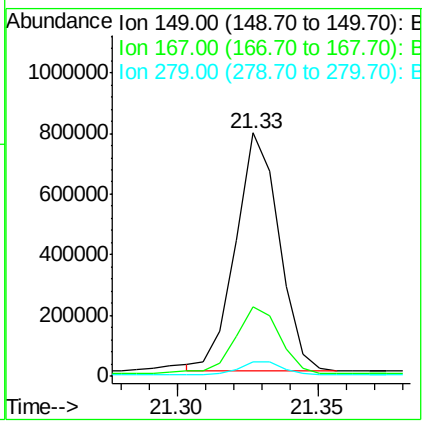


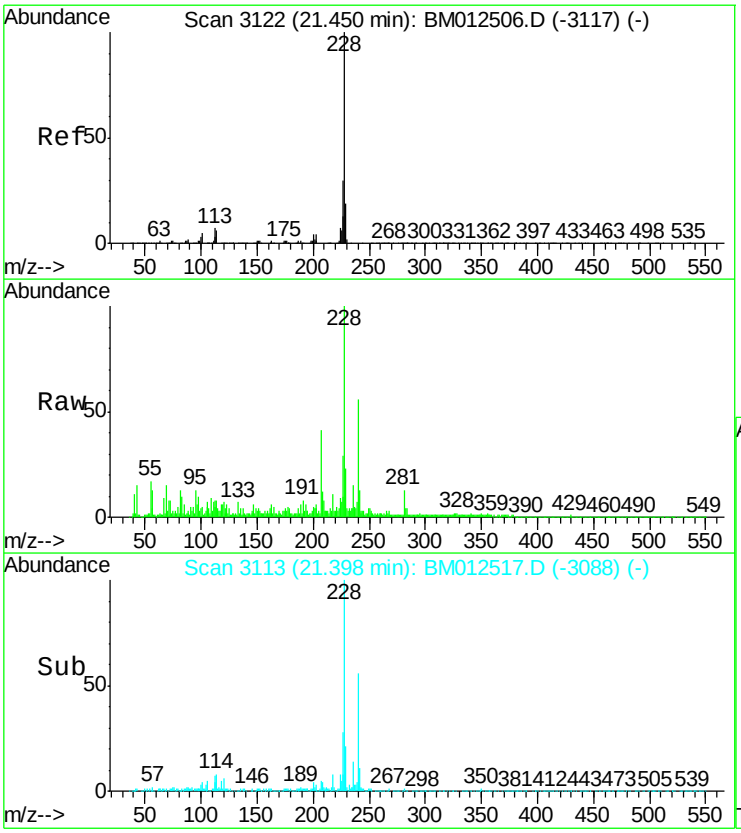
#81
Bis(2-ethylhexyl)phthalate
Concen: 8.80 ng/ul
RT: 21.33 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 834983

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.8	34.2
279	5.9	4.9	7.3

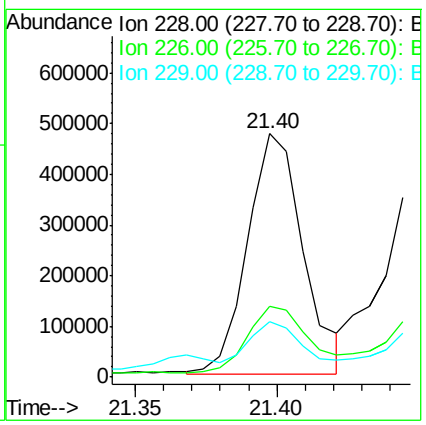


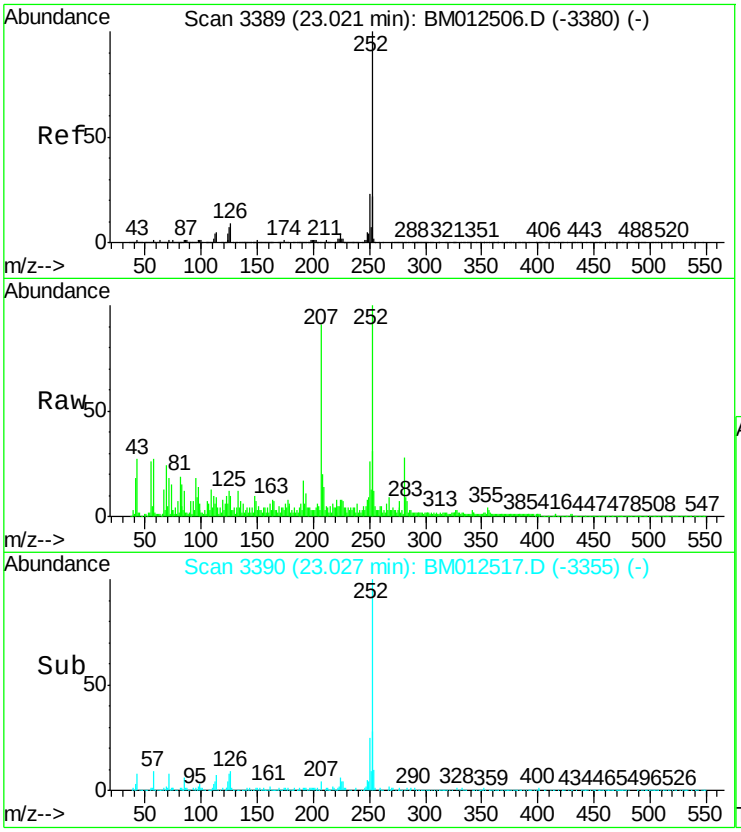


#82
Chrysene
Concen: 4.36 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.05 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Tgt Ion:228 Resp: 646571

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	22.7	15.5	23.3



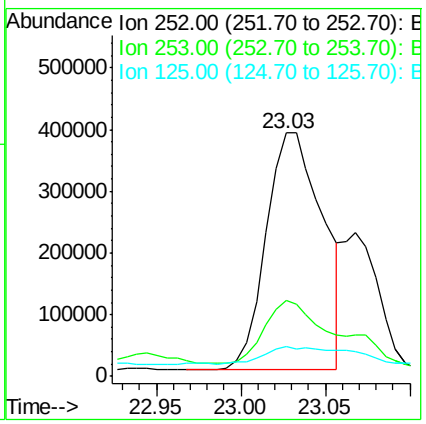


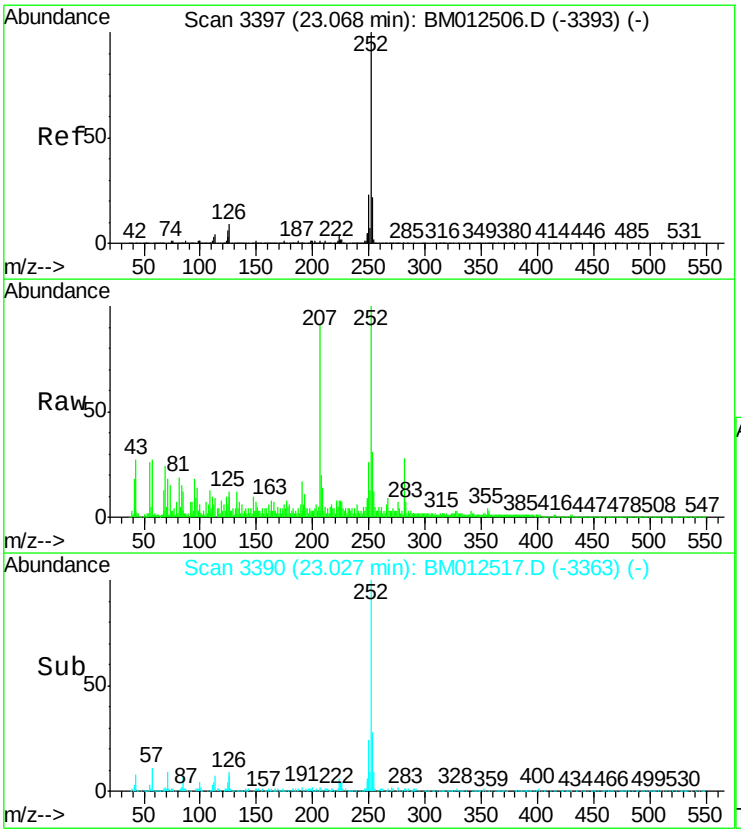
#85
Benzo(b)fluoranthene
Concen: 4.57 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 898247

Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.9	26.9#
125	12.0	3.6	5.4#

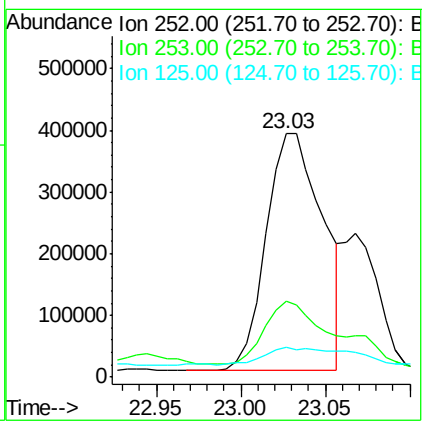


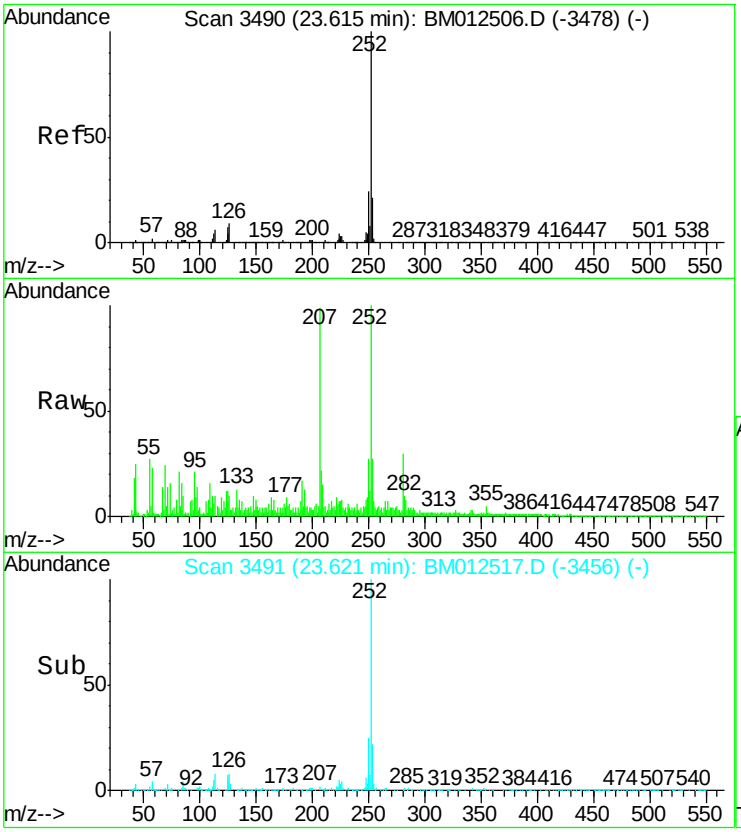


#86
Benzo(k)fluoranthene
Concen: 4.86 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.04 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Tgt Ion:252 Resp: 898247

Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.1	25.7#
125	12.0	3.4	5.2#



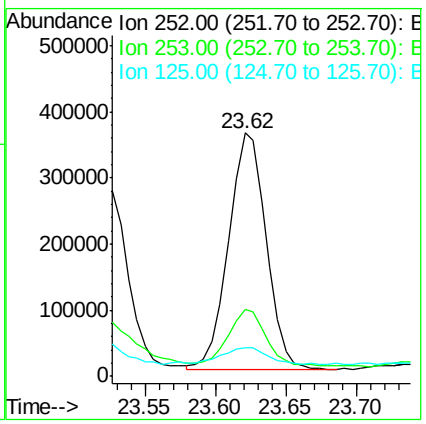


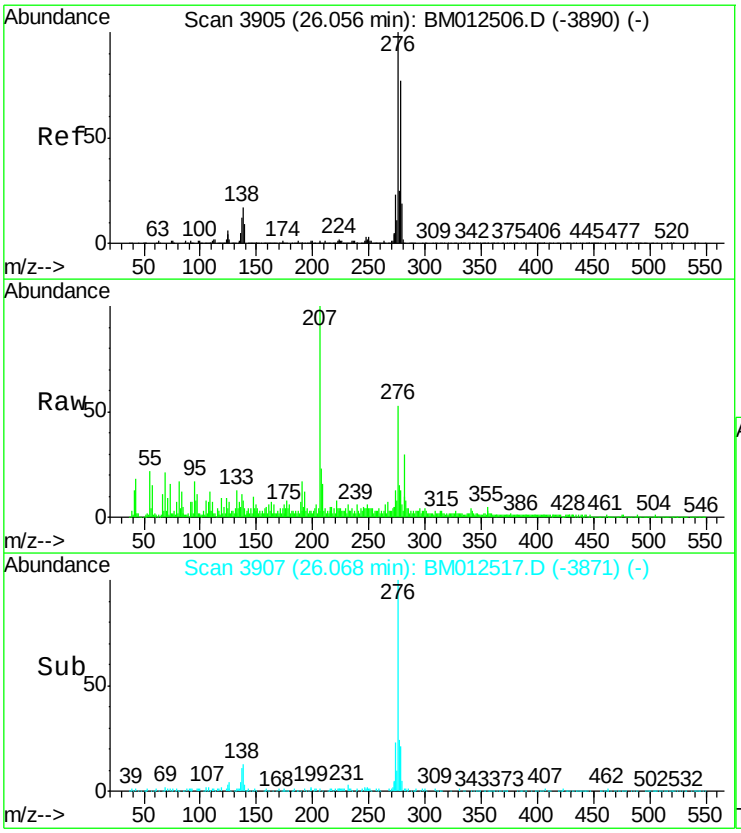
#88
Benzo(a)pyrene
Concen: 3.55 ng/ul
RT: 23.62 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 664532

Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.2	27.2#
125	11.6	4.0	6.0#

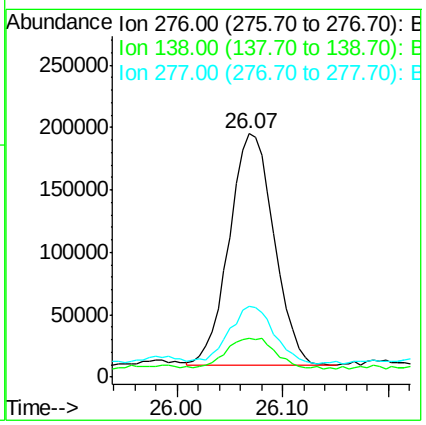


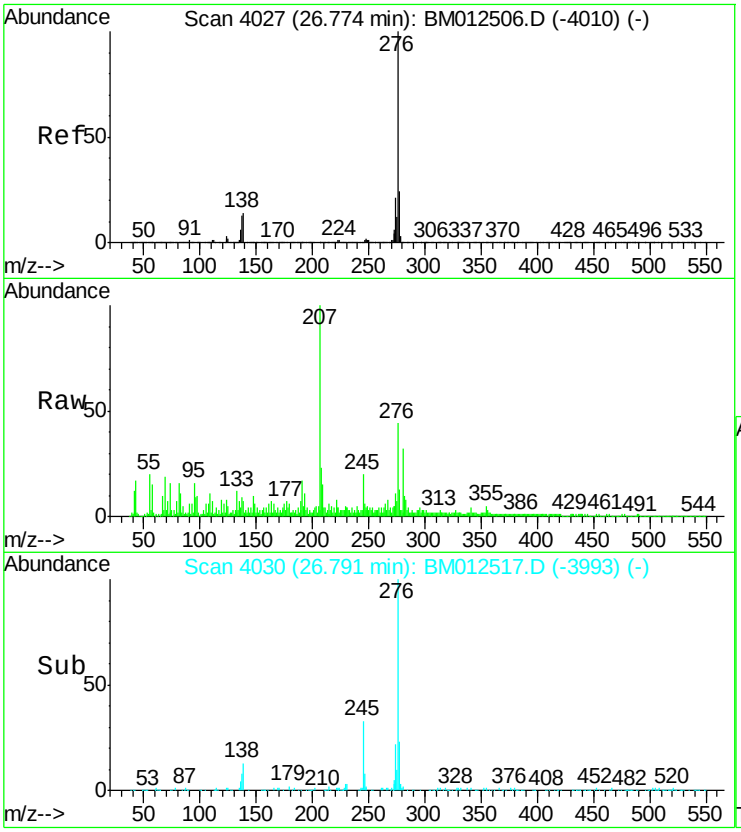


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.46 ng/ul
RT: 26.07 min Scan# 3907
Delta R.T. 0.01 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Tgt Ion:276 Resp: 542779

Ion	Ratio	Lower	Upper
276	100		
138	16.0	9.3	13.9#
277	29.1	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 2.66 ng/ul
RT: 26.79 min Scan# 4030
Delta R.T. 0.02 min
Lab File: BM012517.D
Acq: 28 Oct 2017 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 475299

Ion	Ratio	Lower	Upper
276	100		
138	16.4	8.5	12.7#
277	29.3	18.6	28.0#