Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012076.D
Acq On : 11 Oct 2017 19:07
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 12 01:22:53 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 01:21:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	287681	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1237264	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	756494	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1636815	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1403702	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1358883	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	25216	4.15	ng/uL	0.00
5) Phenol-d5	7.00	99	645377	26.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	623057	42.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	480280	24.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	486371	22.73	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	270488	30.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	277306	27.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	506192	25.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	287350	13.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1606008	24.50	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1989953	25.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	187766	16.39	ng/ul	0.00
57) Fluorene-d10	15.48	176	1385943	23.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	135145	12.27	ng/ul	0.00
70) Anthracene-d10	17.33	188	2076189	25.74	ng/ul	0.00
76) Pyrene-d10	19.63	212	2039070	32.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1635937	25.03	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.98	77	204597	16.588	ng/ul#	1
6) Phenol	7.03	94	26617	1.087	ng/ul#	26
14) Acetophenone	8.65	105	95158	3.039	ng/ul#	75
15) N-Nitroso-di-n-propylamine	8.61	70	211839	13.222	ng/ul#	62
16) 4-Methylphenol	8.60	108	54892	2.633	ng/ul	83
17) Hexachloroethane	8.95	117	400004	51.382	ng/ul#	1
20) Nitrobenzene	9.04	77	218550	10.267	ng/ul#	44
21) Isophorone	9.56	82	566345	14.268	ng/ul#	1
23) 2-Nitrophenol	9.76	139	32592	3.125	ng/ul#	1
24) 2,4-Dimethylphenol	9.85	107	193332	8.642	ng/ul	86
25) Bis(2-Chloroethoxy)methane	10.05	93	45448	1.865	ng/ul#	1
28) Naphthalene	10.69	128	1201176	19.353	ng/ul#	95
32) Caprolactam	11.65	113	30675	4.834	ng/ul	96
33) 4-Chloro-3-methylphenol	11.96	107	21703	1.032	ng/ul#	23
34) 2-Methylnaphthalene	12.30	142	185436	3.918	ng/ul	96
44) Dimethylphthalate	13.94	163	700996	11.114	ng/ul	100
47) Acenaphthylene	14.21	152	133408	1.786	ng/ul#	96
49) Acenaphthene	14.55	153	178997	3.463	ng/ul	99
53) Dibenzofuran	14.89	168	178616	2.381	ng/ul	96
58) Fluorene	15.53	166	296509	4.733	ng/ul	98
69) Phenanthrene	17.27	178	3475369	38.600	ng/ul	99
71) Anthracene	17.36	178	845560	9.230	ng/ul	98
72) Carbazole	17.64	167	90750	1.144	ng/ul#	80

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012076.D
Acq On : 11 Oct 2017 19:07
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 12 01:22:53 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 01:21:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Fluoranthene	19.29	202	5700253	51.889	ng/ul#	90
77) Pyrene	19.66	202	5537282	71.144	ng/ul#	90
80) Benzo(a)anthracene	21.40	228	2796301	34.773	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.31	149	1149797	25.350	ng/ul	99
82) Chrysene	21.45	228	2745110	35.928	ng/ul	97
85) Benzo(b)fluoranthene	23.03	252	3594994	43.524	ng/ul#	95
86) Benzo(k)fluoranthene	23.03	252	3594994	43.596	ng/ul#	93
88) Benzo(a)pyrene	23.63	252	2509223	31.616	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.10	276	1814690	21.367	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.10	278	505045	7.237	ng/ul#	83
91) Benzo(g,h,i)perylene	26.83	276	1704198	24.257	ng/ul#	92

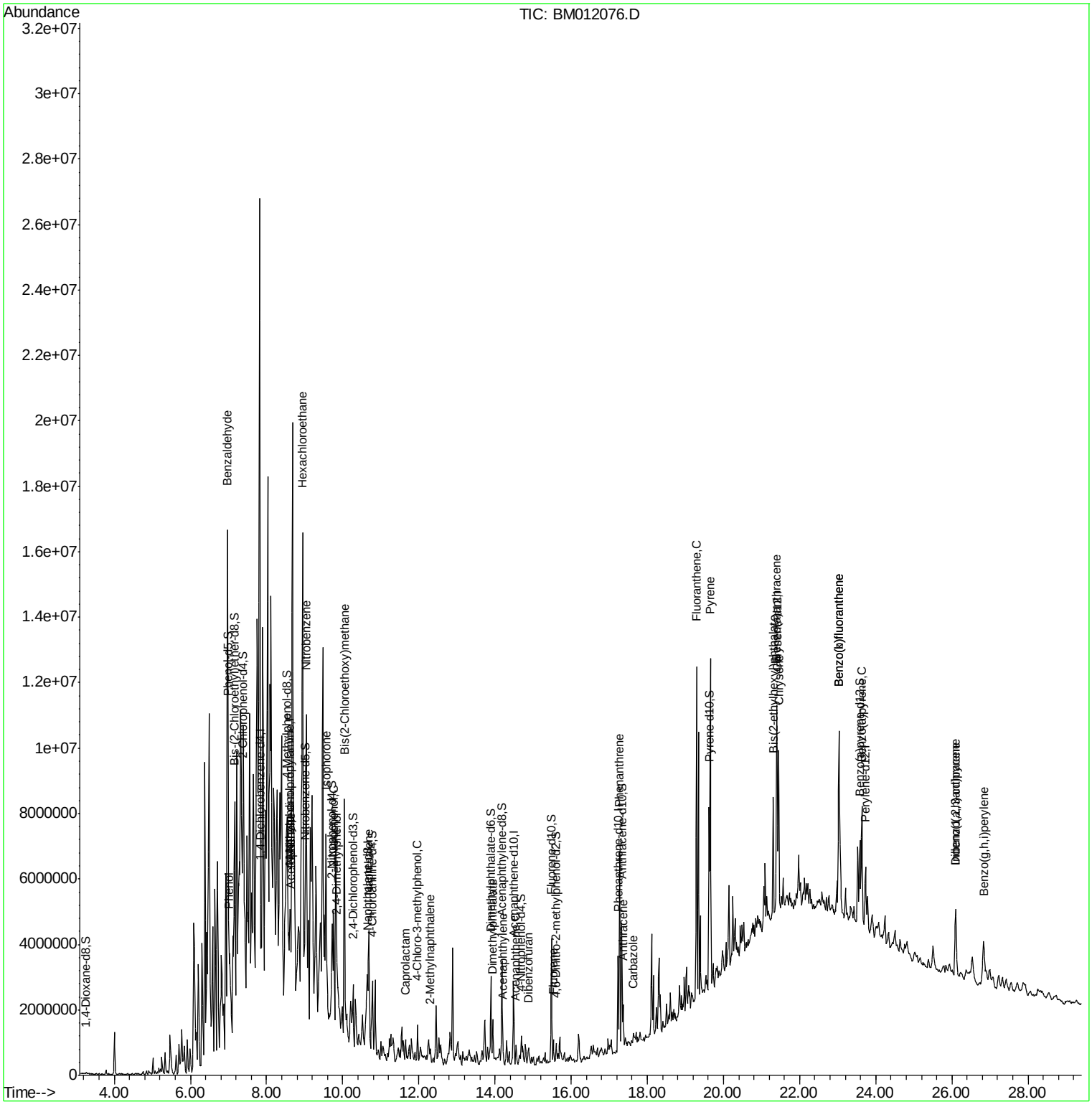
(#) = qualifier out of range (m) = manual integration (+) = signals summed

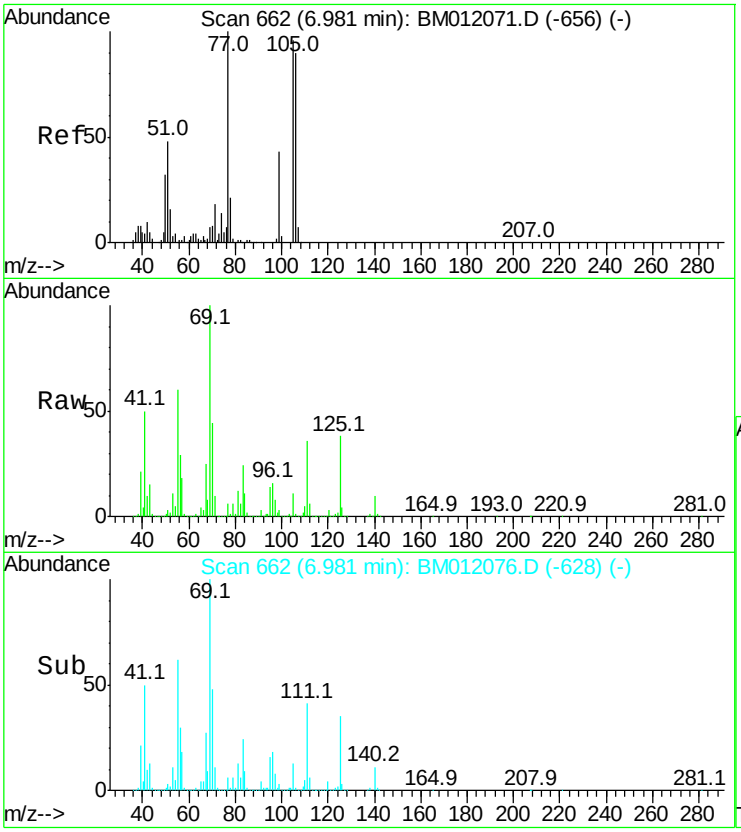
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012076.D
Acq On : 11 Oct 2017 19:07
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 12 01:22:53 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 01:21:53 2017
Response via : Initial Calibration



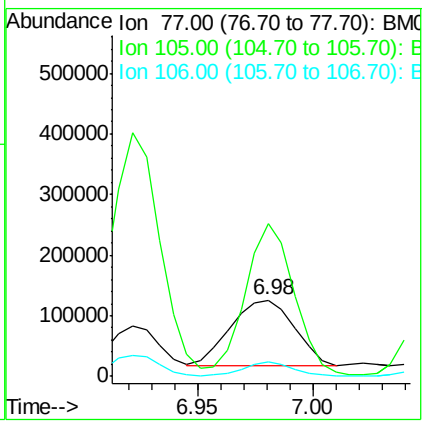


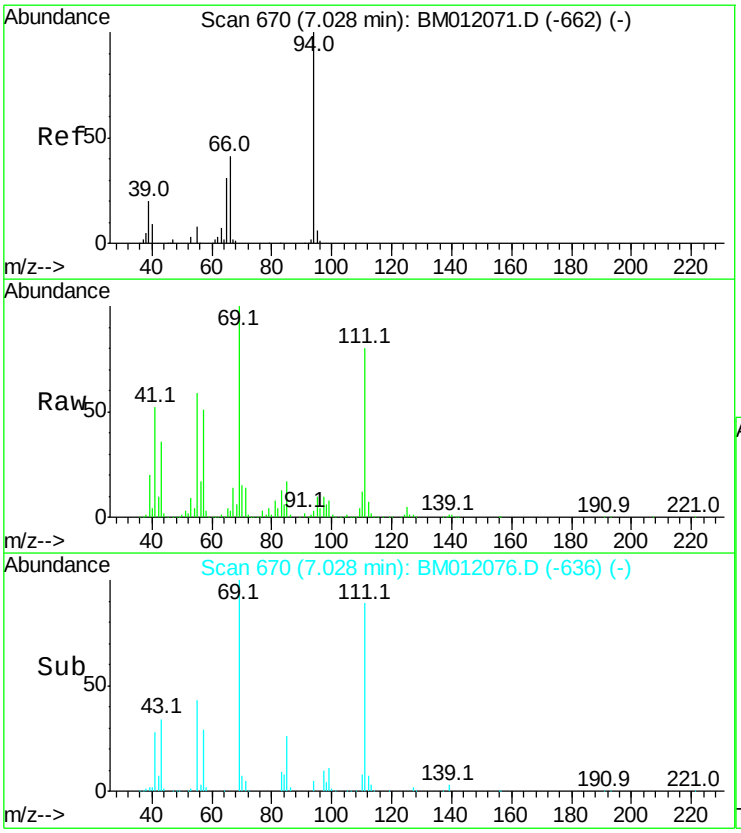
#4
Benzaldehyde
Concen: 16.588 ng/ul
RT: 6.98 min Scan# 662
Delta R.T. 0.00 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 204597

Ion	Ratio	Lower	Upper
77	100		
105	200.1	66.1	99.1#
106	18.6	67.8	101.6#

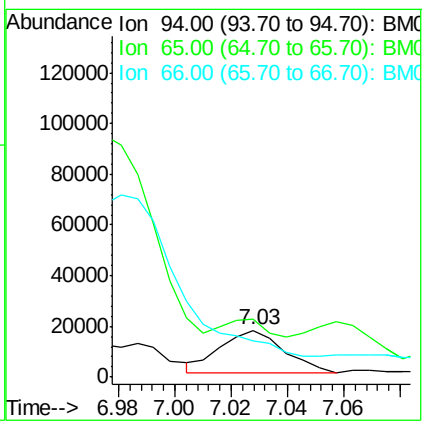


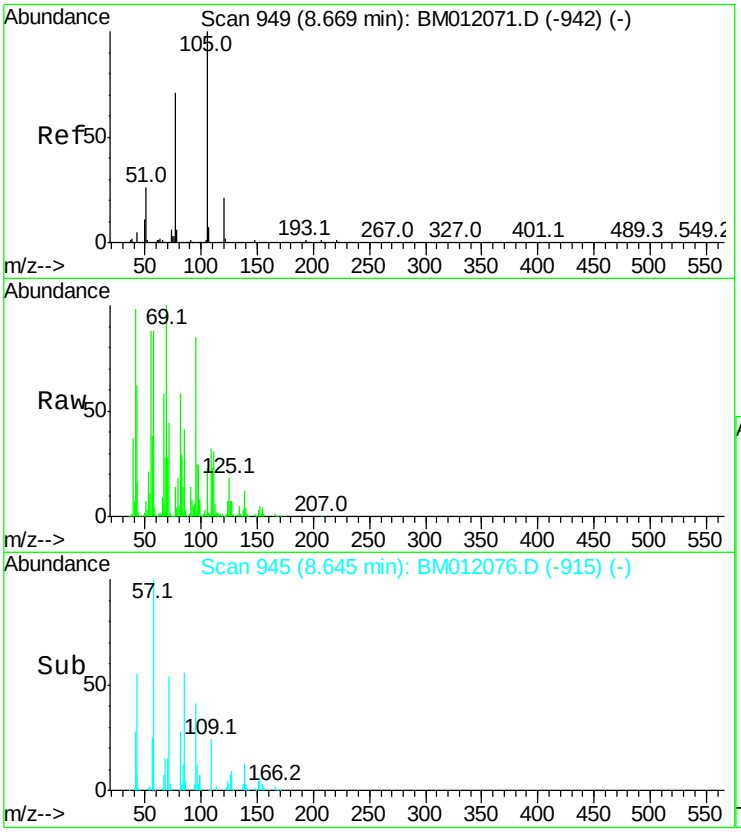


#6
Phenol
Concen: 1.087 ng/ul
RT: 7.03 min Scan# 670
Delta R.T. 0.00 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Tgt Ion: 94 Resp: 26617

Ion	Ratio	Lower	Upper
94	100		
65	125.0	28.2	42.4#
66	78.6	47.2	70.8#



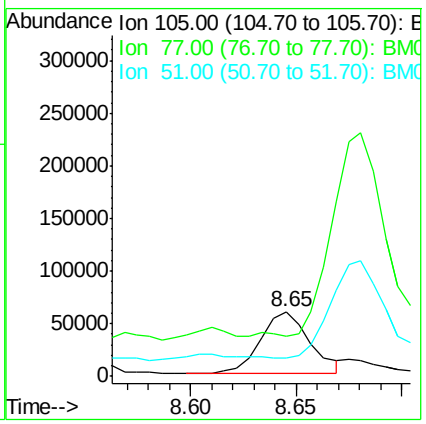


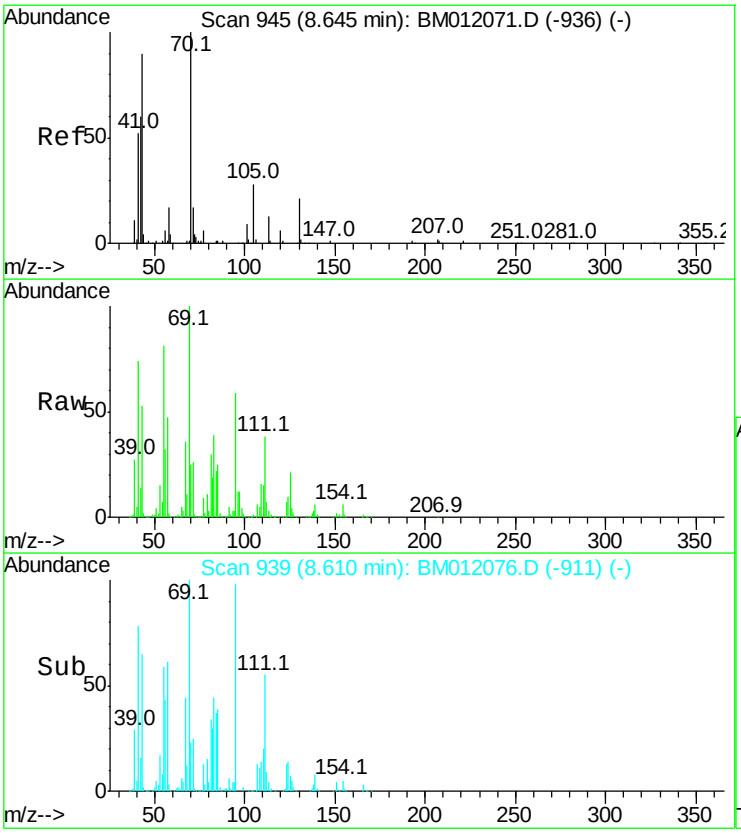
#14
Acetophenone
Concen: 3.039 ng/ul
RT: 8.65 min Scan# 945
Delta R.T. -0.02 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 95158

Ion	Ratio	Lower	Upper
105	100		
77	61.2	74.2	111.4#
51	28.9	23.4	35.2

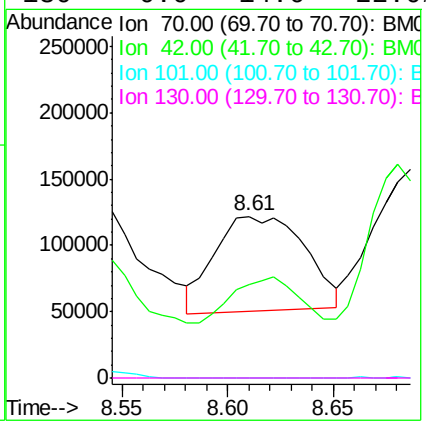


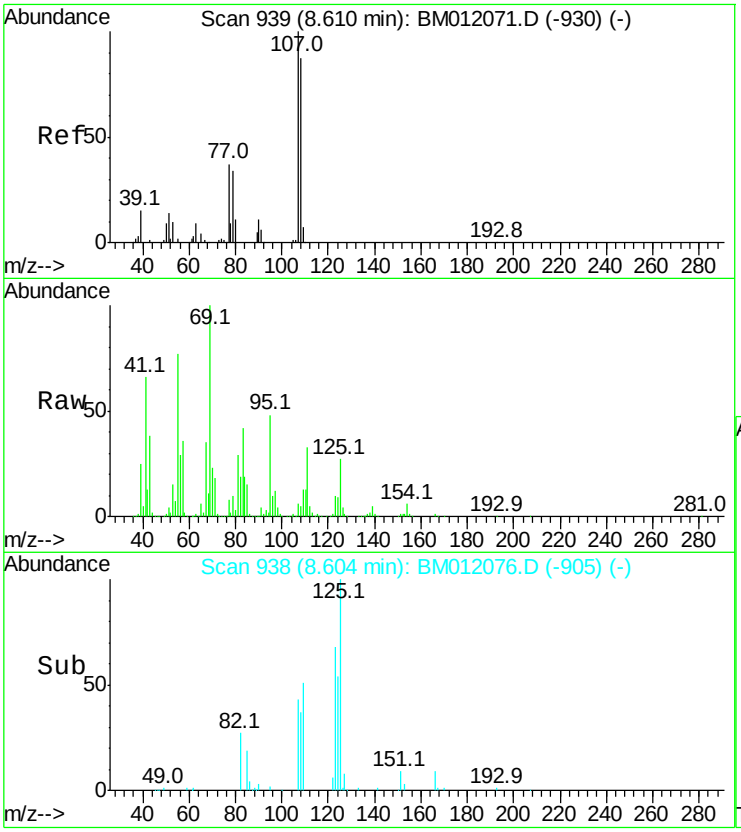


#15
N-Nitroso-di-n-propylamine
Concen: 13.222 ng/ul
RT: 8.61 min Scan# 939
Delta R.T. -0.04 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Tgt Ion: 70 Resp: 211839

Ion	Ratio	Lower	Upper
70	100		
42	58.0	76.0	114.0#
101	0.0	6.7	10.1#
130	0.0	14.6	22.0#



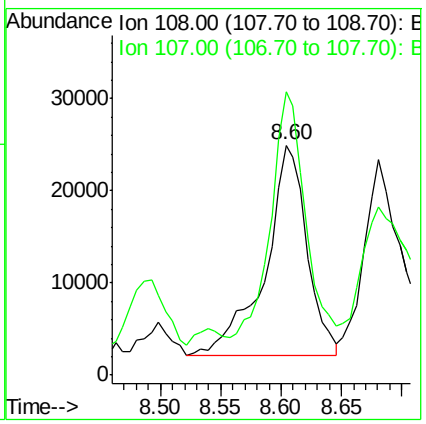


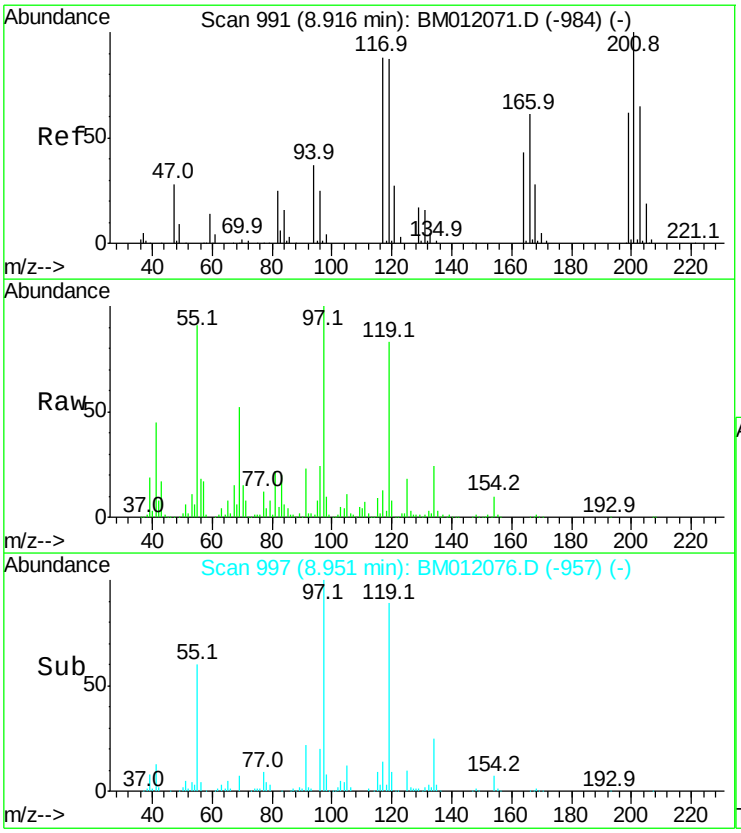
#16
4-Methylphenol
Concen: 2.633 ng/ul
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 54892

Ion	Ratio	Lower	Upper
108	100		
107	123.3	84.9	127.3

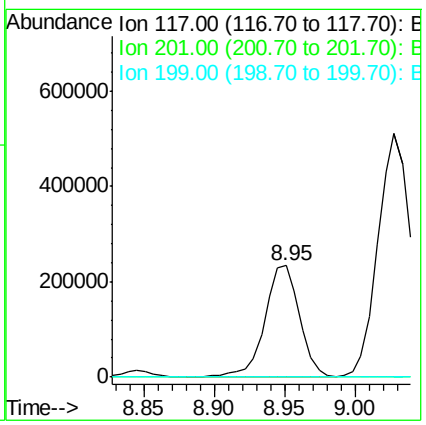


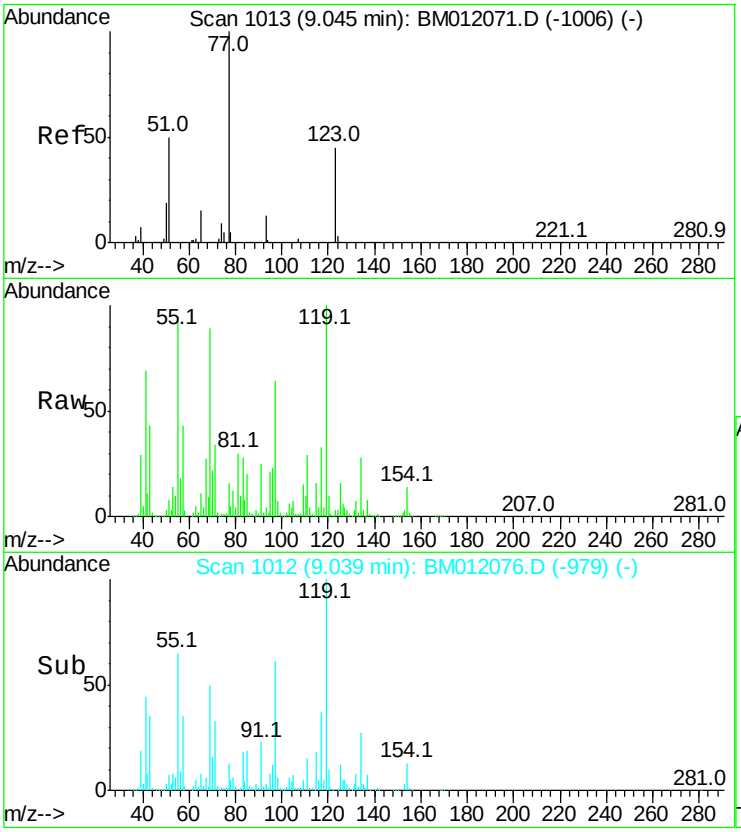


#17
Hexachloroethane
Concen: 51.382 ng/ul
RT: 8.95 min Scan# 997
Delta R.T. 0.04 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Tgt Ion:117 Resp: 400004

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



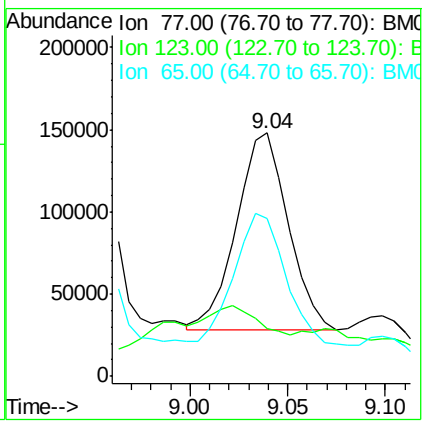


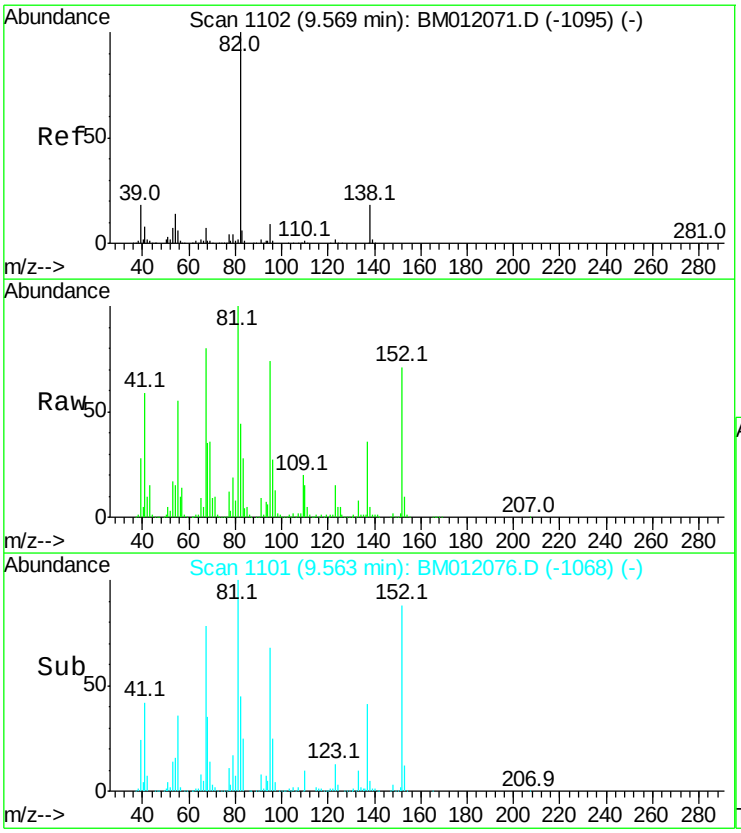
#20
Nitrobenzene
Concen: 10.267 ng/ul
RT: 9.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 218550

Ion	Ratio	Lower	Upper
77	100		
123	19.8	31.0	46.6#
65	64.7	12.2	18.2#

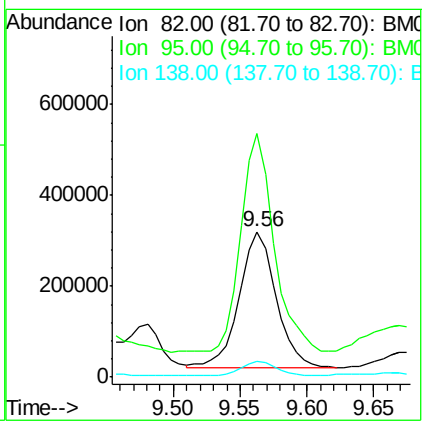


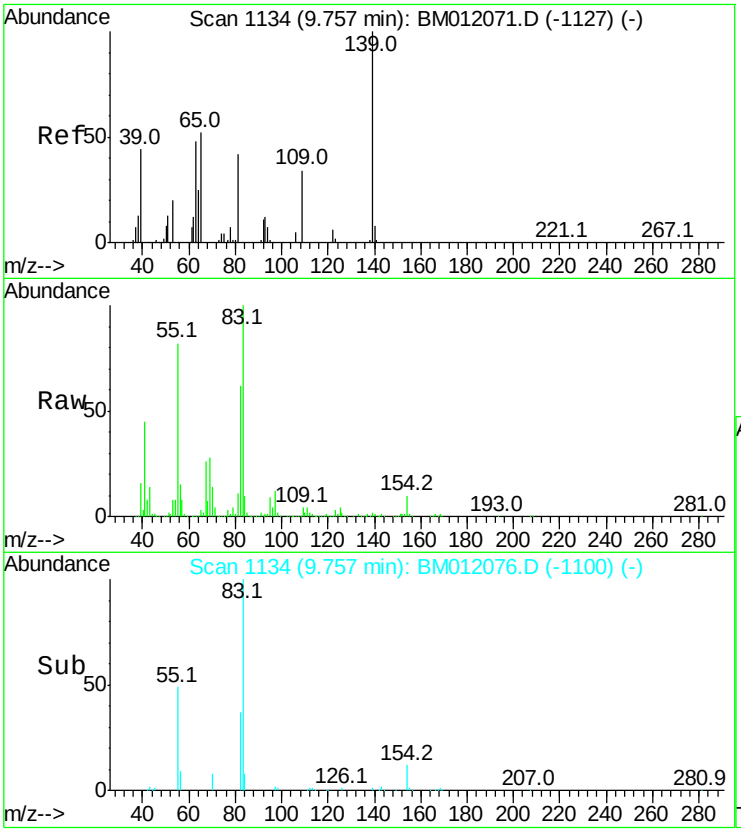


#21
Isophorone
Concen: 14.268 ng/ul
RT: 9.56 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Tgt Ion: 82 Resp: 566345

Ion	Ratio	Lower	Upper
82	100		
95	167.2	7.8	11.8#
138	10.6	11.9	17.9#



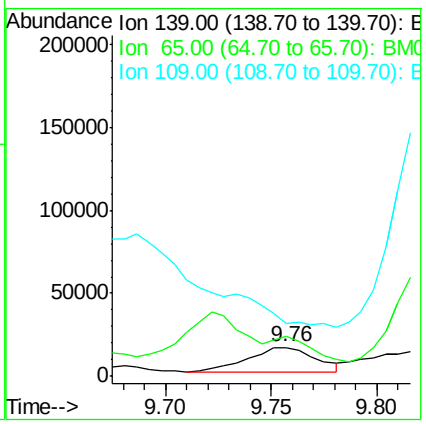


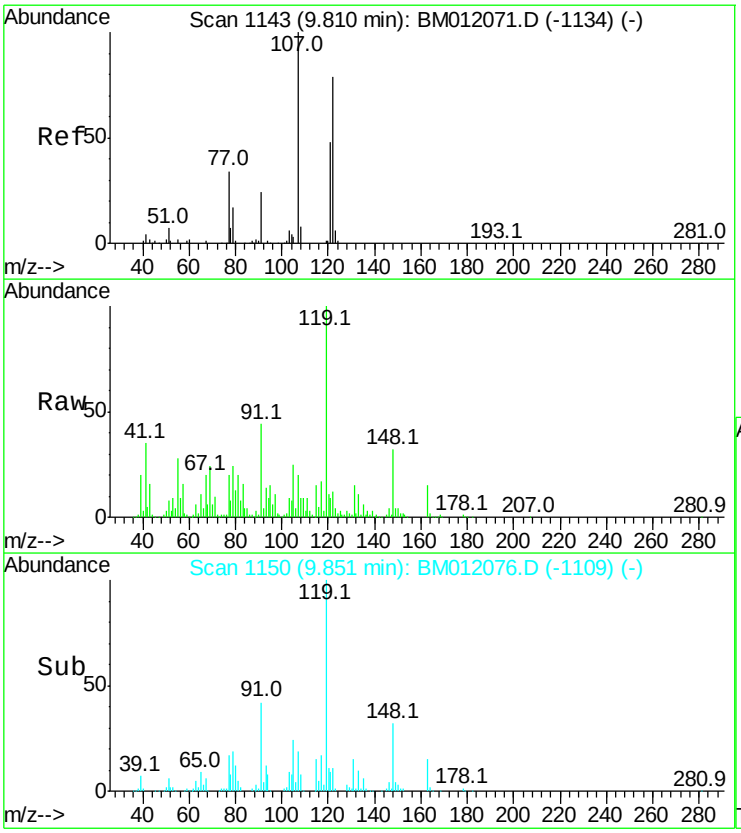
#23
2-Nitrophenol
Concen: 3.125 ng/ul
RT: 9.76 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 32592

Ion	Ratio	Lower	Upper
139	100		
65	138.5	55.4	83.0#
109	182.6	42.2	63.2#

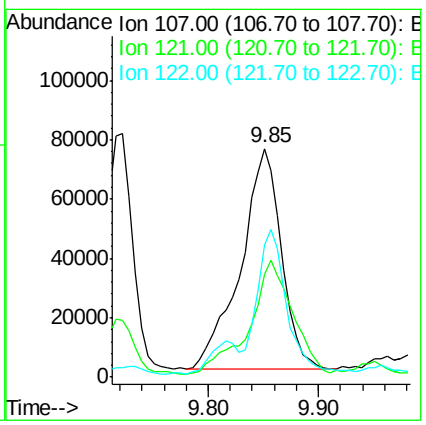


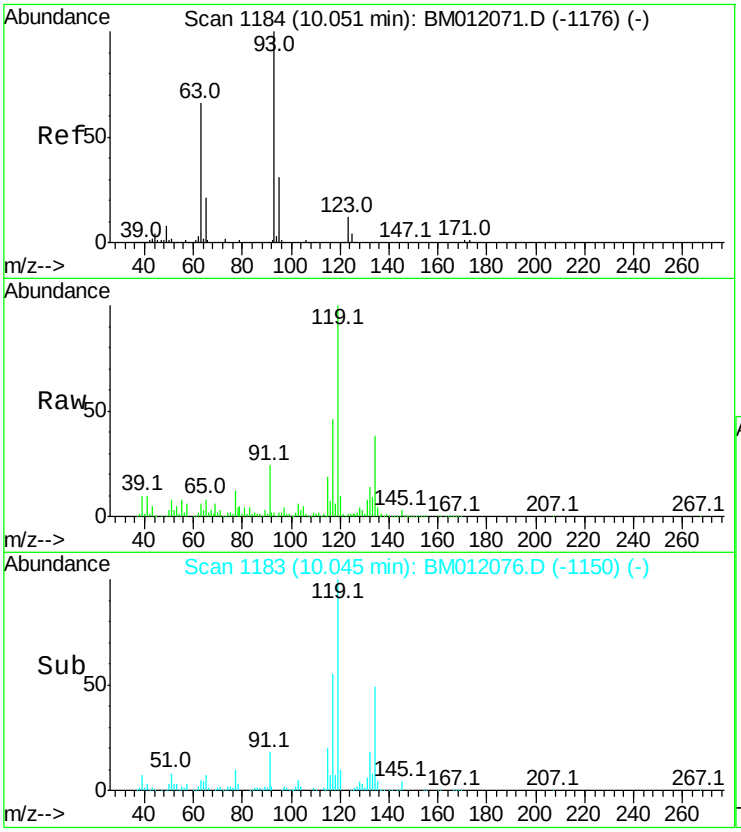


#24
2,4-Dimethylphenol
Concen: 8.642 ng/ul
RT: 9.85 min Scan# 1150
Delta R.T. 0.04 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Tgt Ion:107 Resp: 193332

Ion	Ratio	Lower	Upper
107	100		
121	45.0	31.9	47.9
122	58.2	57.8	86.6



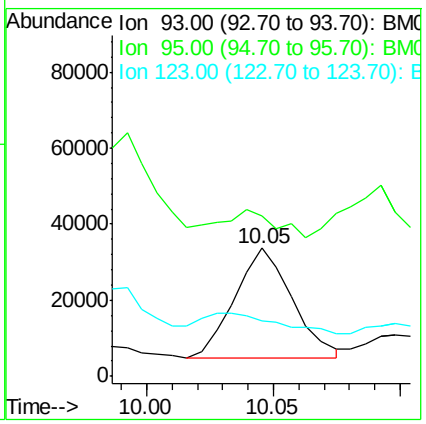


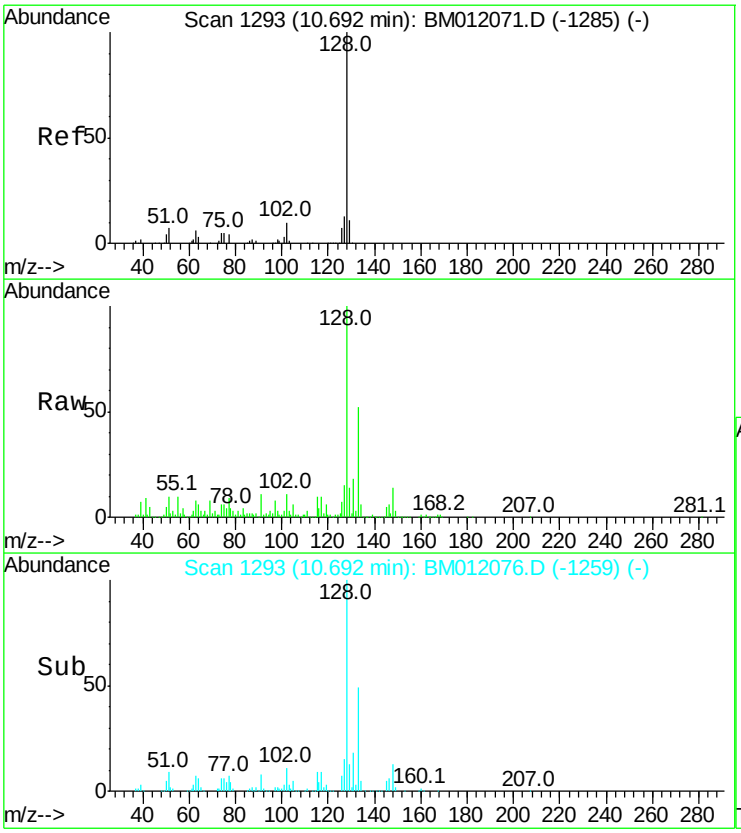
#25
Bis(2-Chloroethoxy)methane
Concen: 1.865 ng/ul
RT: 10.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 45448

Ion	Ratio	Lower	Upper
93	100		
95	125.6	28.5	42.7#
123	43.8	8.9	13.3#

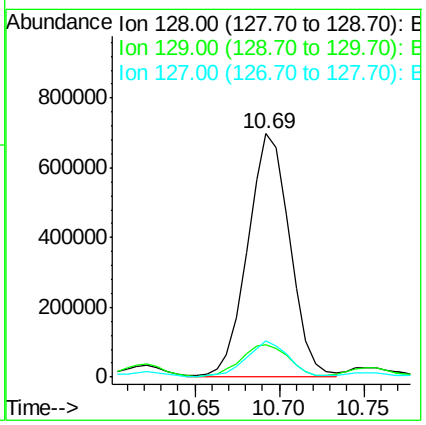


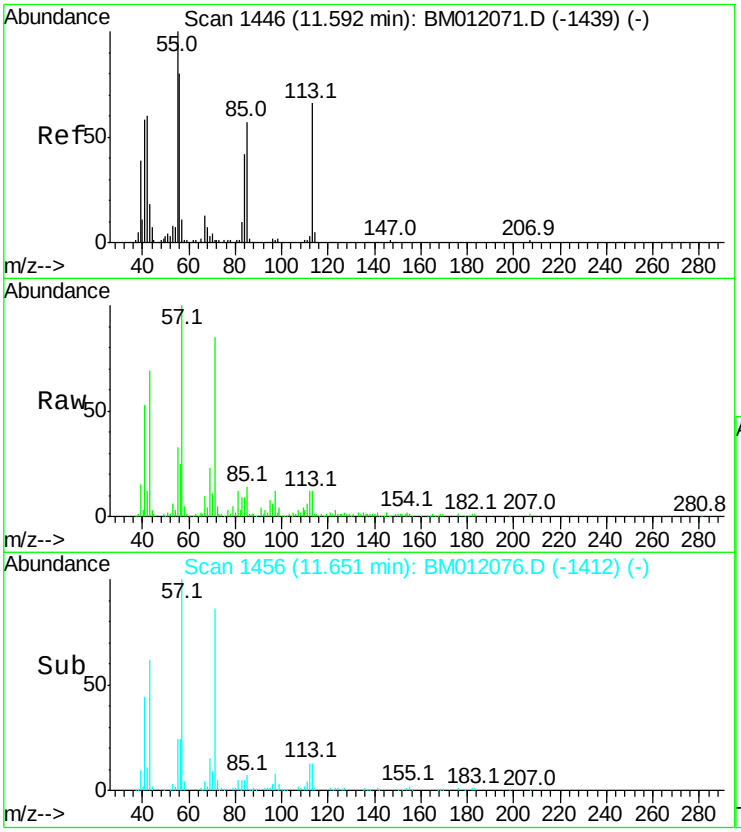


#28
Naphthalene
Concen: 19.353 ng/ul
RT: 10.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Tgt Ion:128 Resp: 1201176

Ion	Ratio	Lower	Upper
128	100		
129	13.5	8.8	13.2#
127	14.7	10.6	16.0



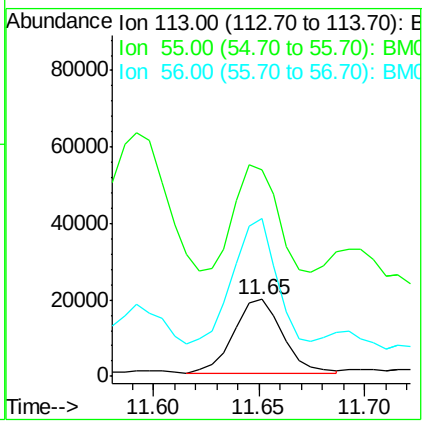


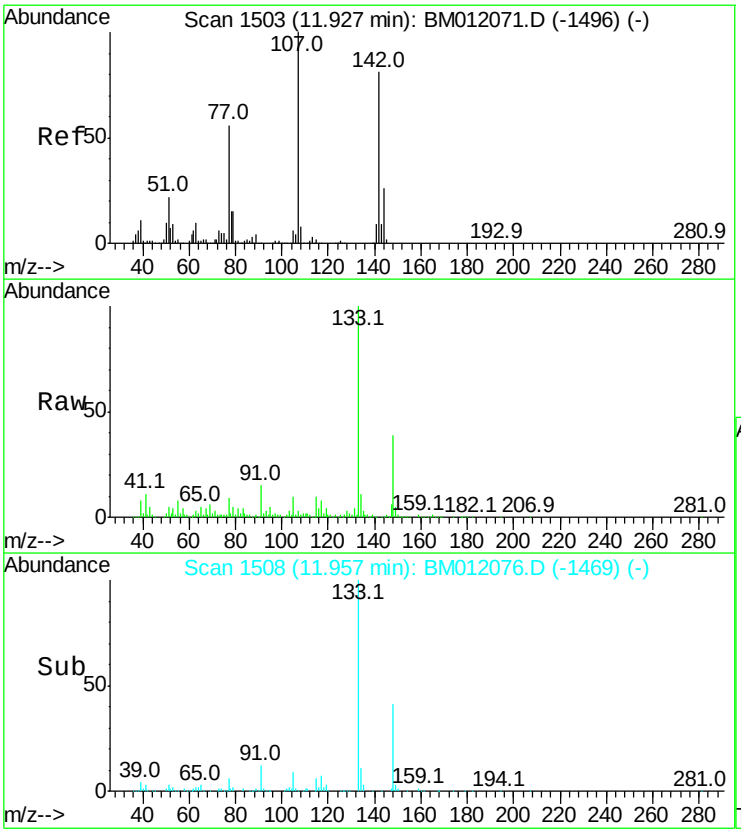
#32
Caprolactam
Concen: 4.834 ng/ul
RT: 11.65 min Scan# 1456
Delta R.T. 0.06 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 30675

Ion	Ratio	Lower	Upper
113	100		
55	268.2	208.0	312.0
56	204.4	160.0	240.0

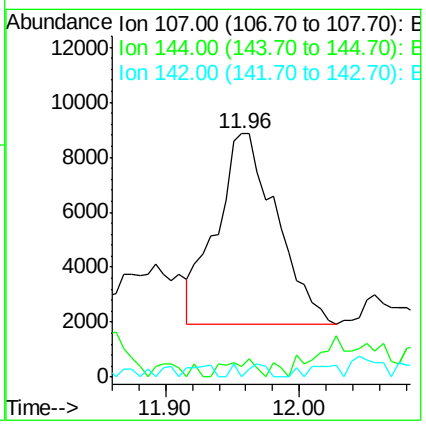


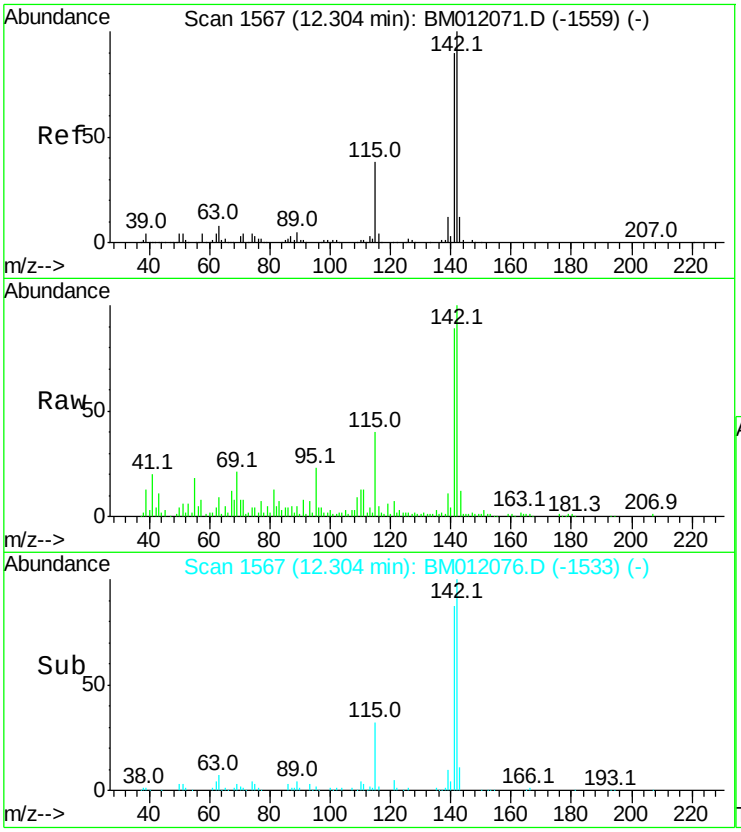


#33
4-Chloro-3-methylphenol
Concen: 1.032 ng/ul
RT: 11.96 min Scan# 1508
Delta R.T. 0.03 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Tgt Ion:107 Resp: 21703

Ion	Ratio	Lower	Upper
107	100		
144	4.5	20.4	30.6#
142	0.0	60.5	90.7#



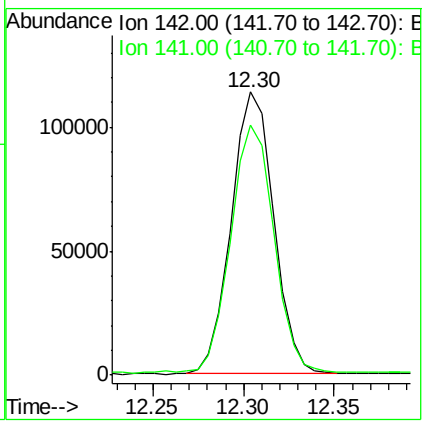


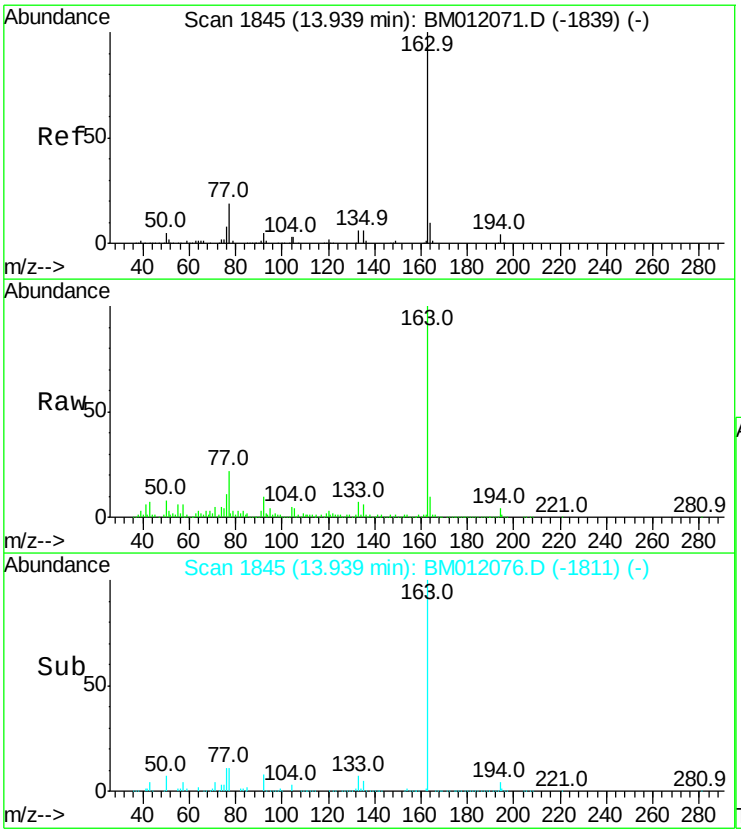
#34
2-Methylnaphthalene
Concen: 3.918 ng/ul
RT: 12.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 185436

Ion	Ratio	Lower	Upper
142	100		
141	88.5	74.1	111.1

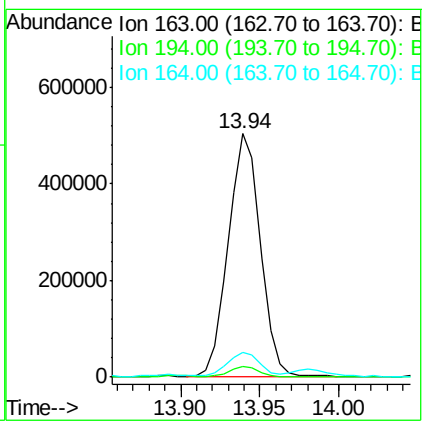


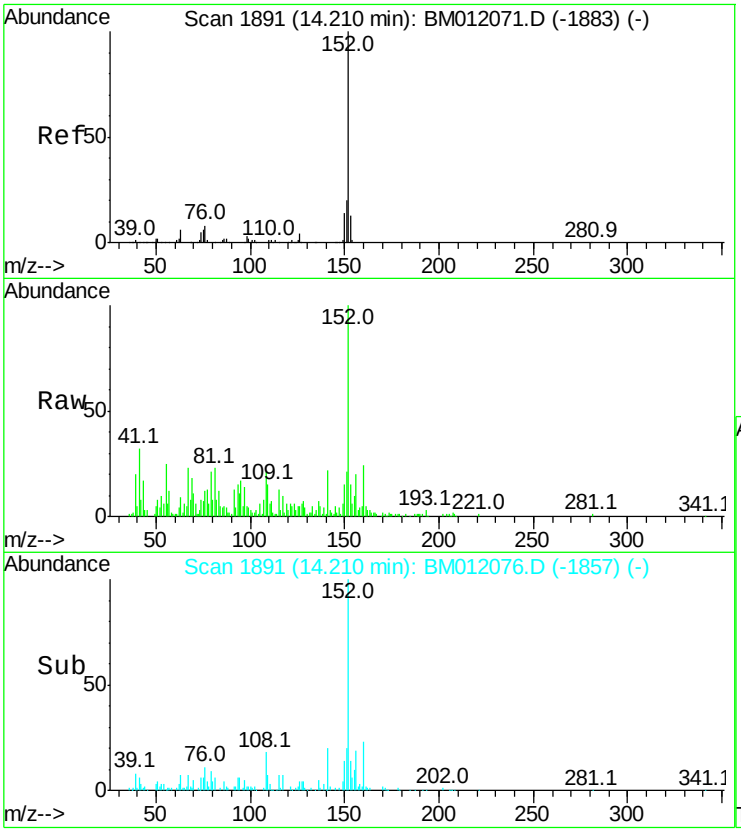


#44
Dimethylphthalate
Concen: 11.114 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Tgt Ion:163 Resp: 700996

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.3	8.2	12.4



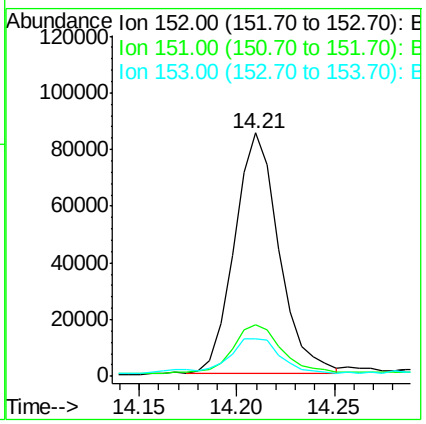


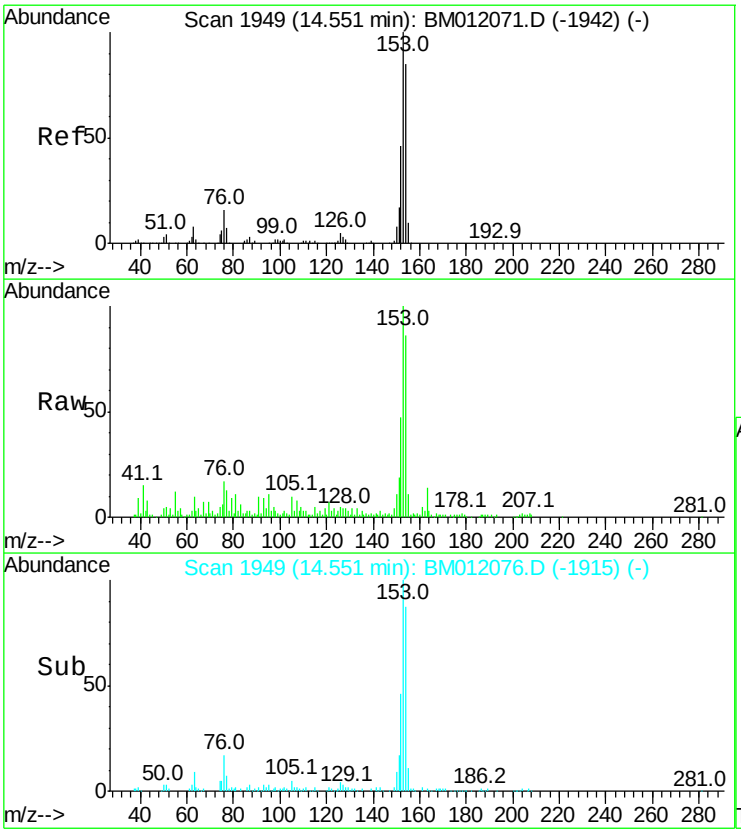
#47
Acenaphthylene
Concen: 1.786 ng/ul
RT: 14.21 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 133408

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	15.5	10.2	15.4#

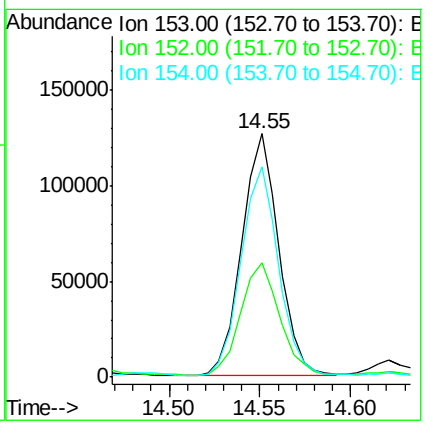


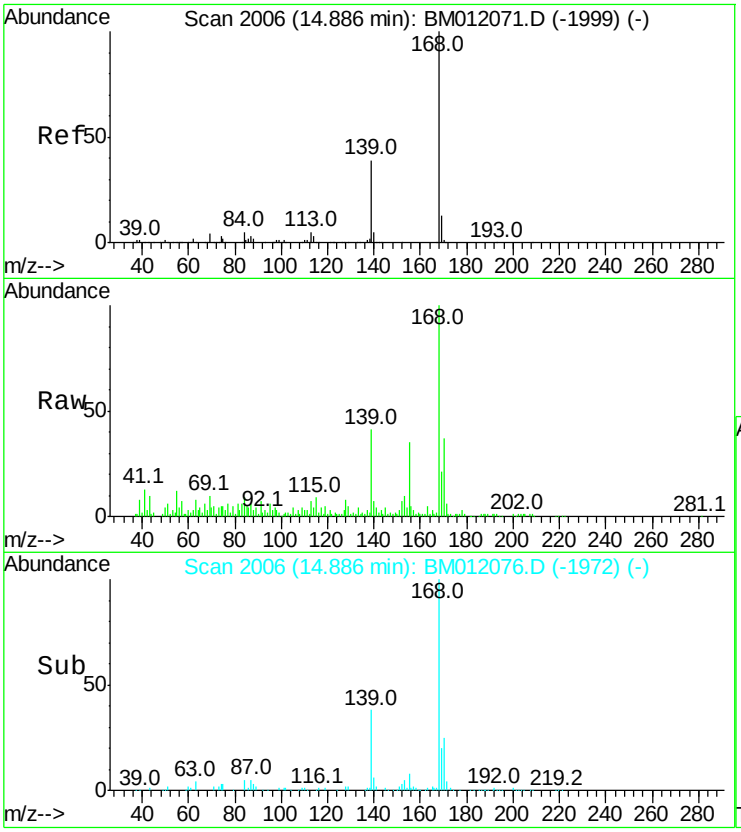


#49
Acenaphthene
Concen: 3.463 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Tgt Ion:153 Resp: 178997

Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.6	56.4
154	86.4	70.4	105.6



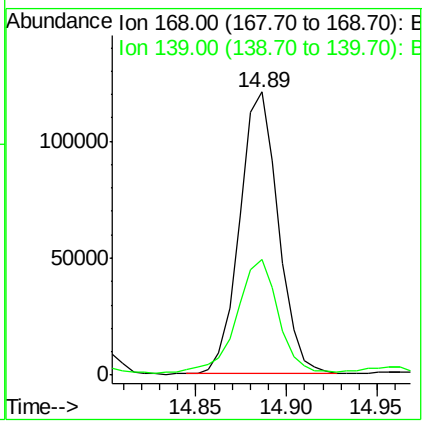


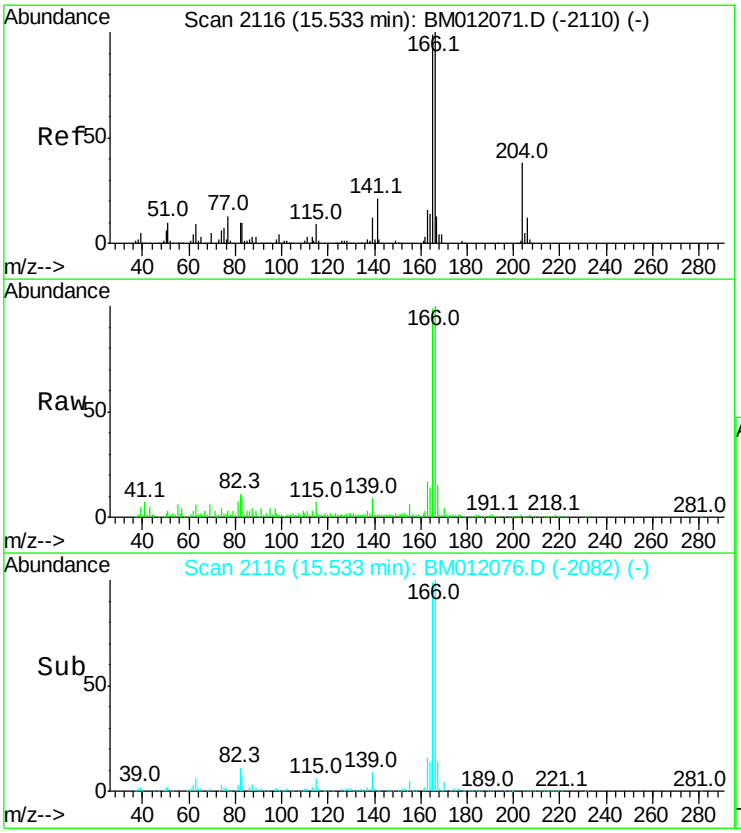
#53
Dibenzofuran
Concen: 2.381 ng/ul
RT: 14.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 178616

Ion	Ratio	Lower	Upper
168	100		
139	40.9	30.8	46.2

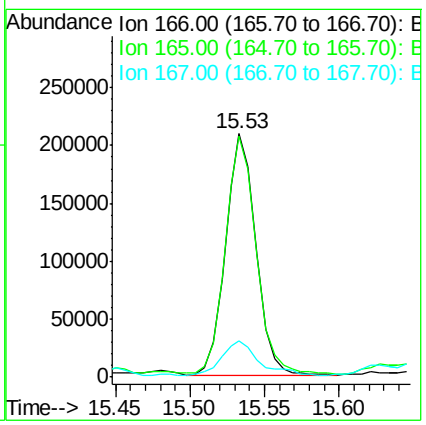


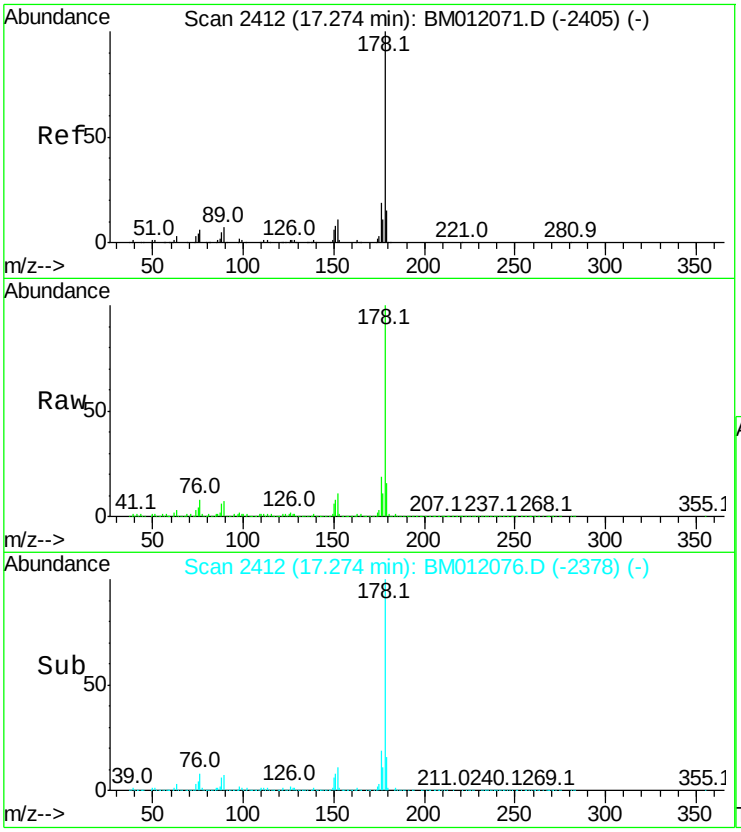


#58
Fluorene
Concen: 4.733 ng/ul
RT: 15.53 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Tgt Ion:166 Resp: 296509

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.9	116.9
167	14.6	10.6	16.0



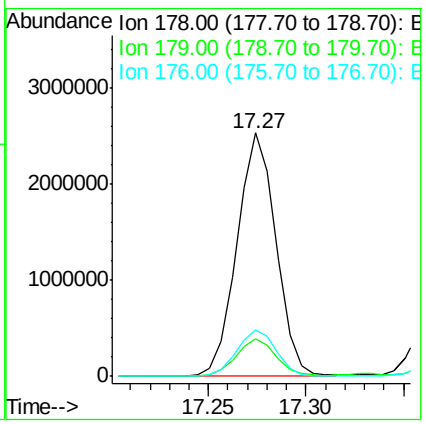


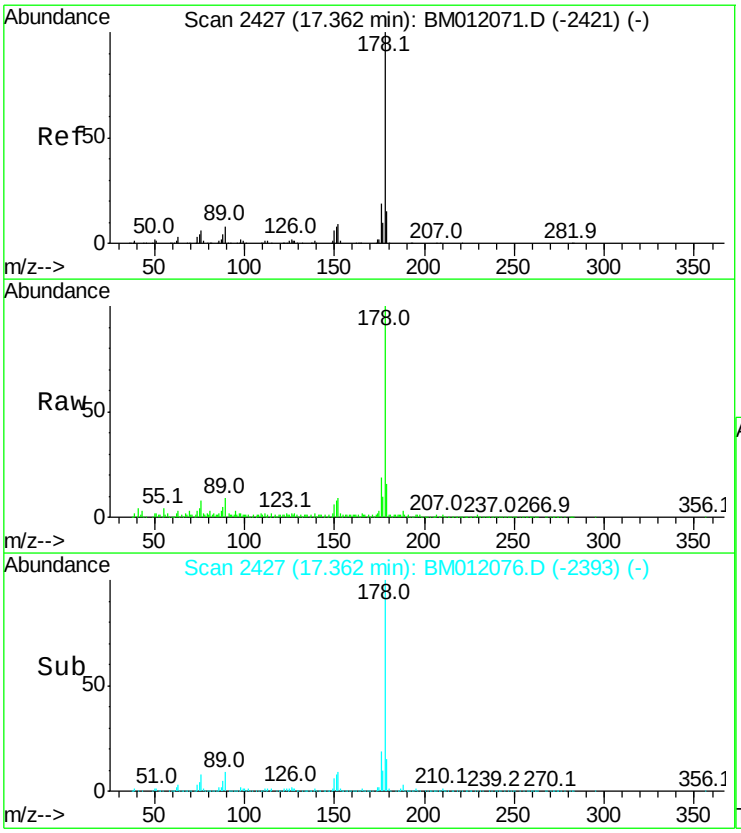
#69
Phenanthrene
Concen: 38.600 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3475369

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.2	14.9	22.3

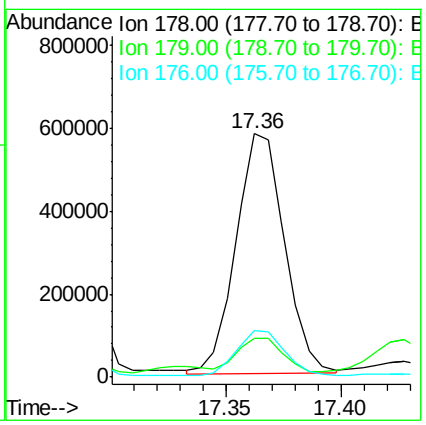


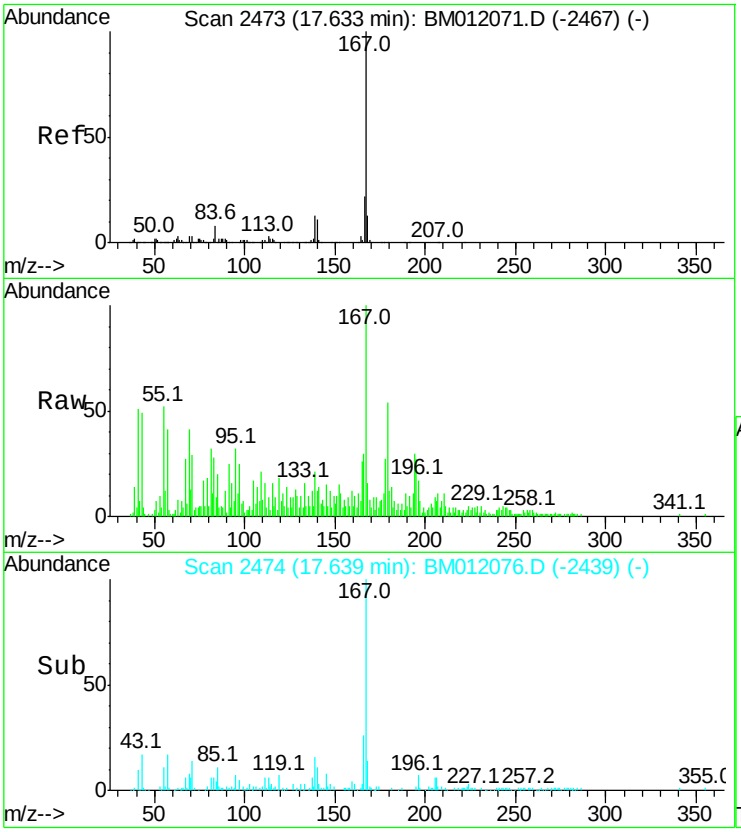


#71
Anthracene
Concen: 9.230 ng/ul
RT: 17.36 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Tgt Ion:178 Resp: 845560

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.7	17.5
176	18.8	14.6	21.8



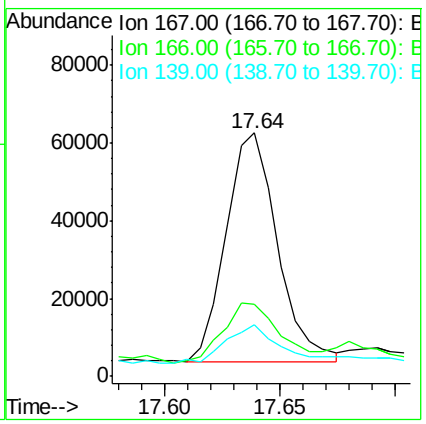


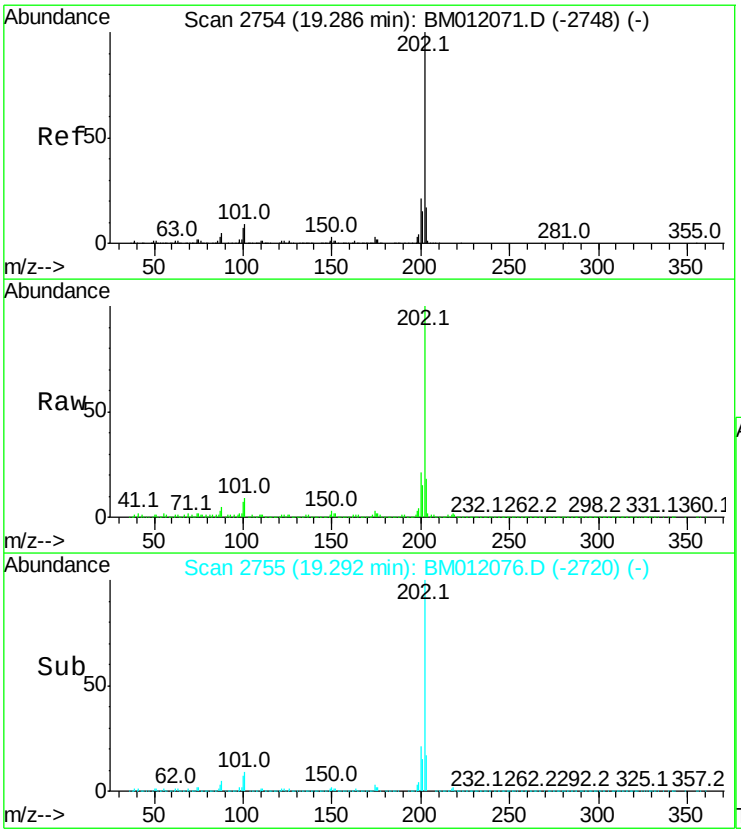
#72
Carbazole
Concen: 1.144 ng/ul
RT: 17.64 min Scan# 2474
Delta R.T. 0.01 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 90750

Ion	Ratio	Lower	Upper
167	100		
166	29.8	17.1	25.7#
139	21.2	10.0	15.0#

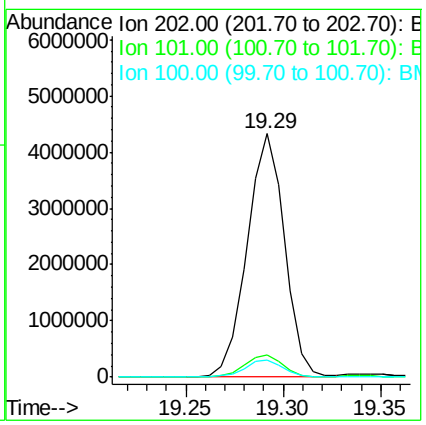


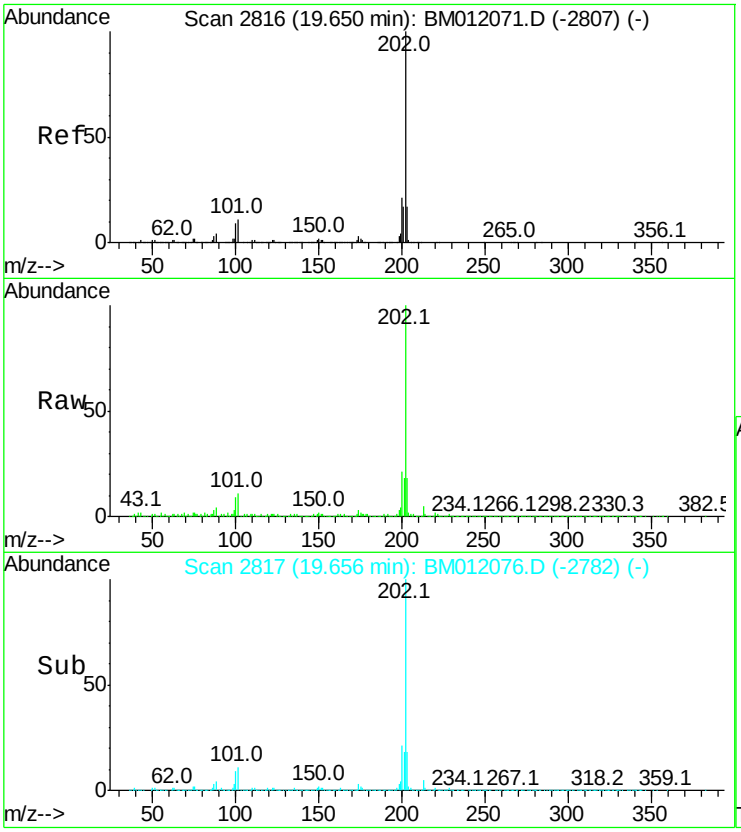


#74
Fluoranthene
Concen: 51.889 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. 0.01 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Tgt Ion:202 Resp: 5700253

Ion	Ratio	Lower	Upper
202	100		
101	9.2	4.6	7.0#
100	7.3	3.4	5.2#



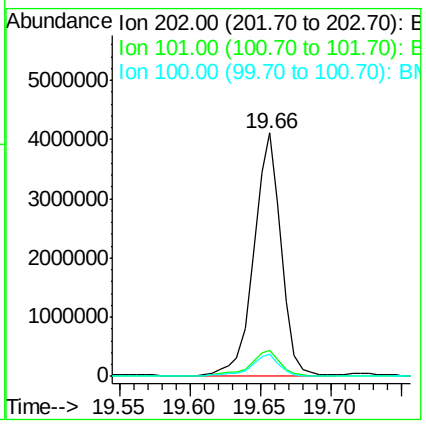


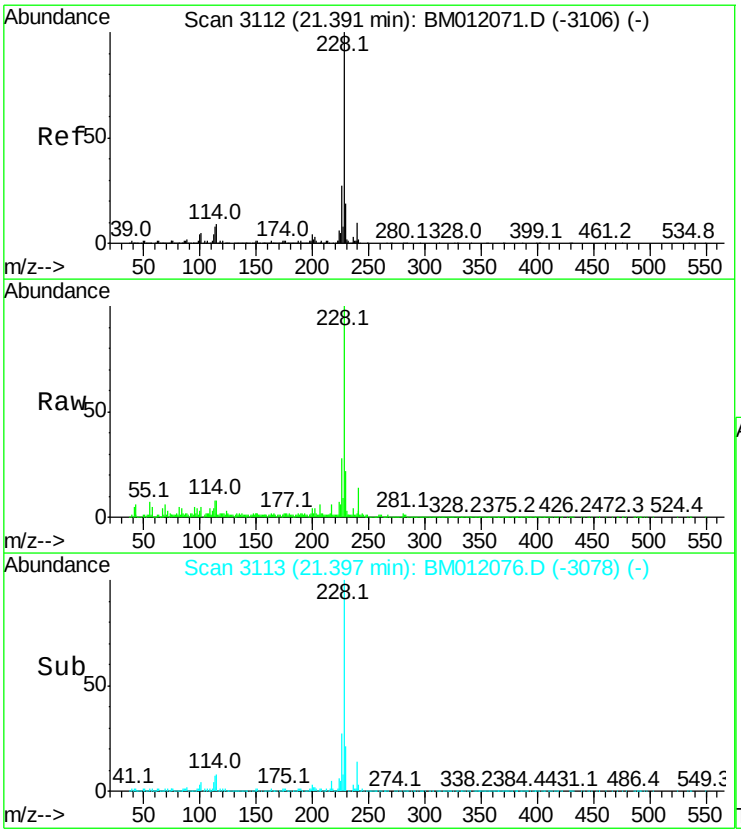
#77
Pyrene
Concen: 71.144 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.01 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 5537282

Ion	Ratio	Lower	Upper
202	100		
101	10.6	5.1	7.7#
100	9.0	4.9	7.3#

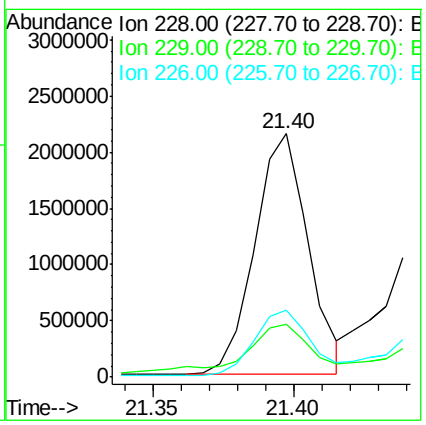


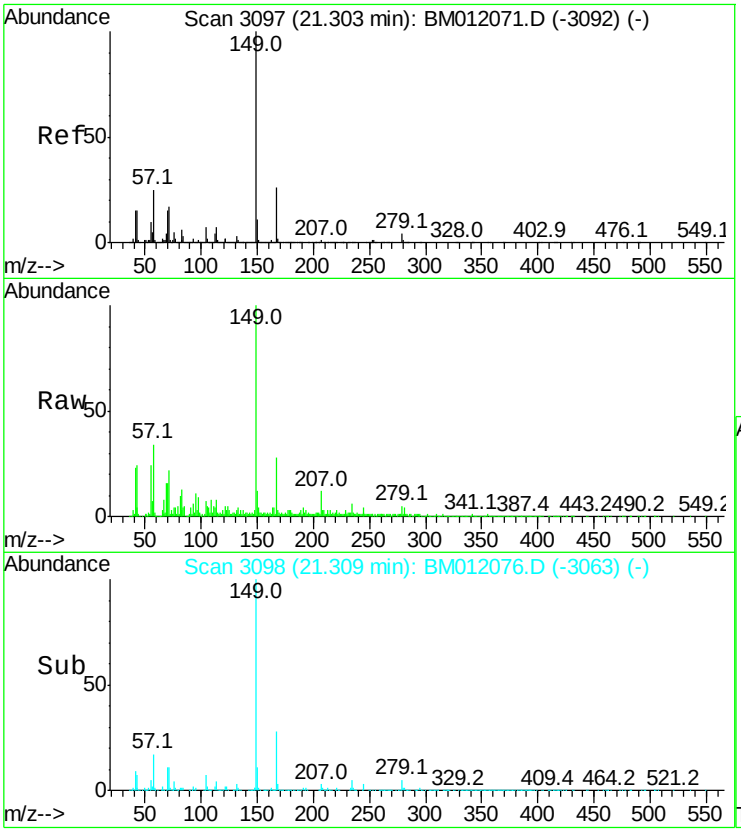


#80
Benzo(a)anthracene
Concen: 34.773 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.01 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Tgt Ion:228 Resp: 2796301

Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.4	23.0
226	27.6	21.4	32.0



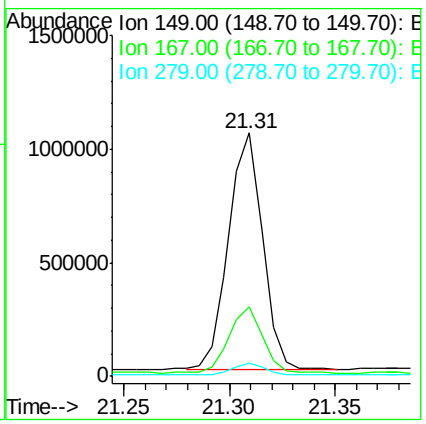


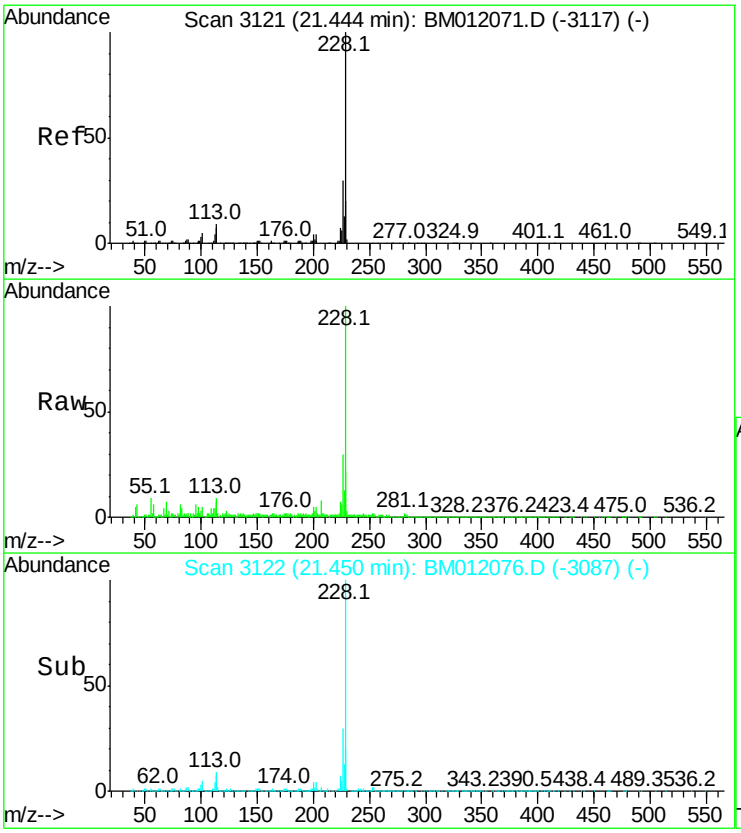
#81
Bis(2-ethylhexyl)phthalate
Concen: 25.350 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1149797

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.8	34.2
279	5.3	4.9	7.3

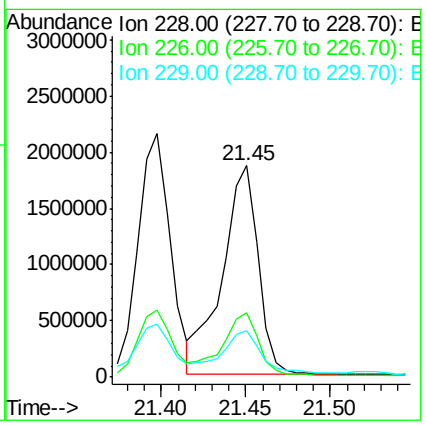


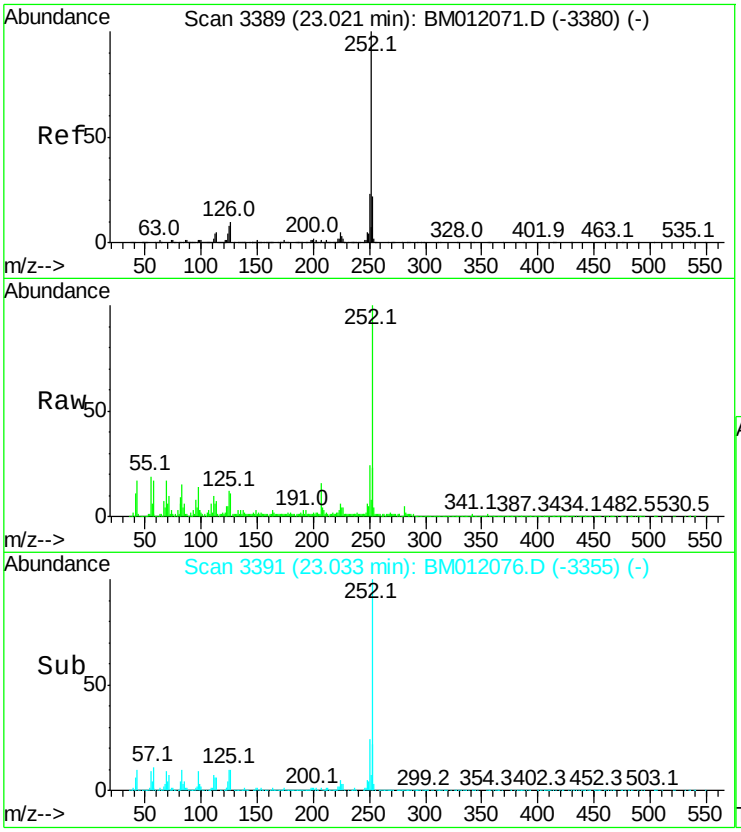


#82
Chrysene
Concen: 35.928 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.01 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Tgt Ion:228 Resp: 2745110

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	21.8	15.5	23.3



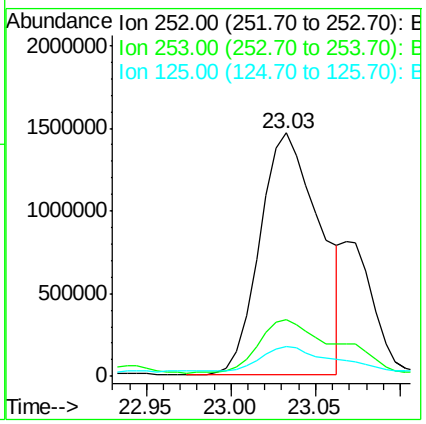


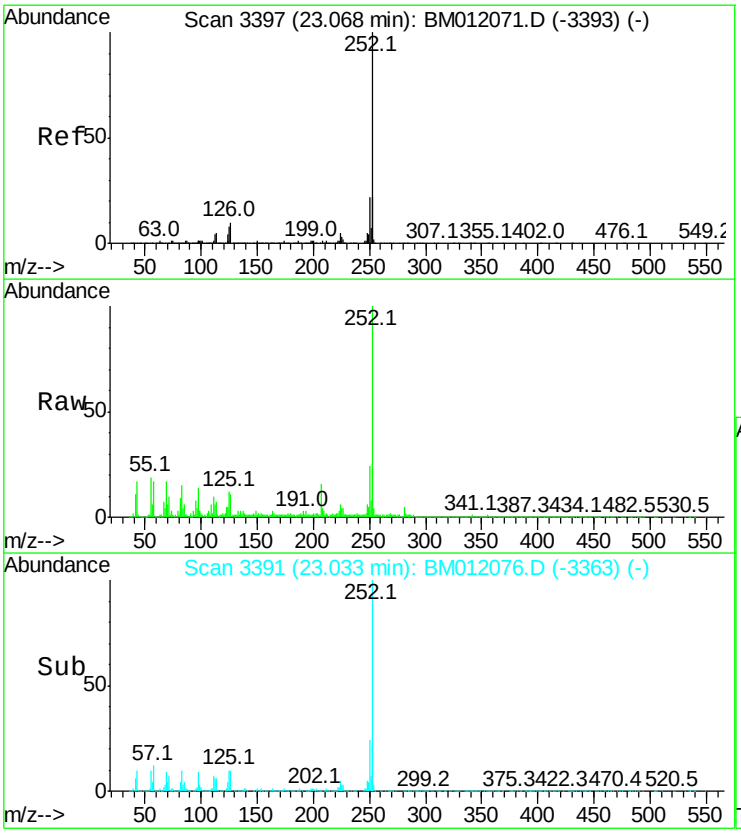
#85
Benzo(b)fluoranthene
Concen: 43.524 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3594994

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	12.1	3.6	5.4#

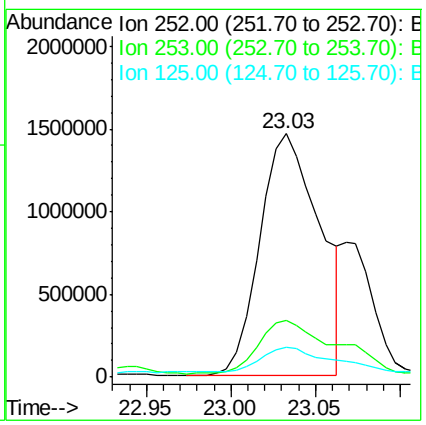


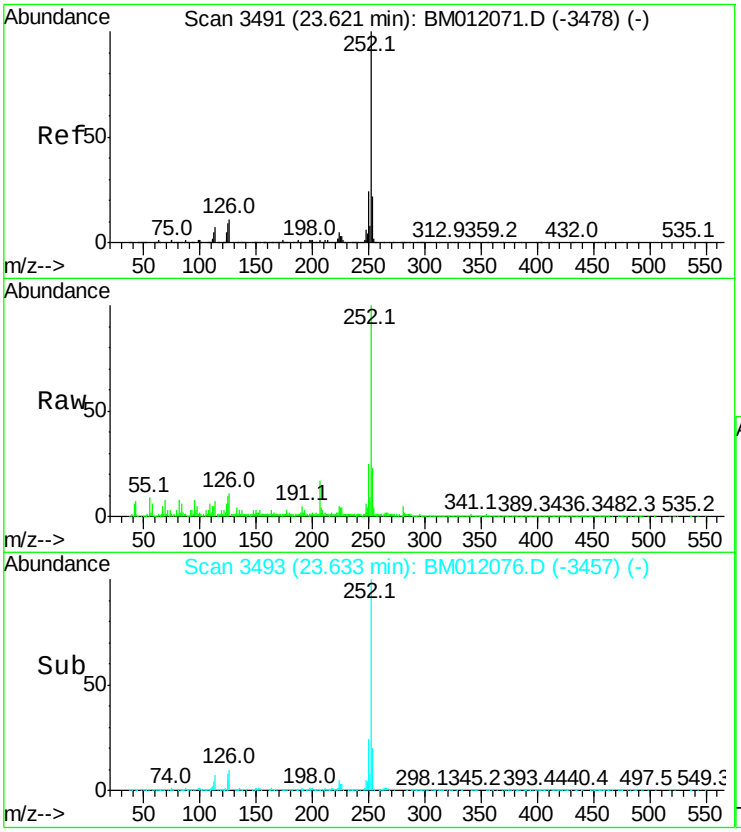


#86
Benzo(k)fluoranthene
Concen: 43.596 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. -0.04 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Tgt Ion:252 Resp: 3594994

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	12.1	3.4	5.2#



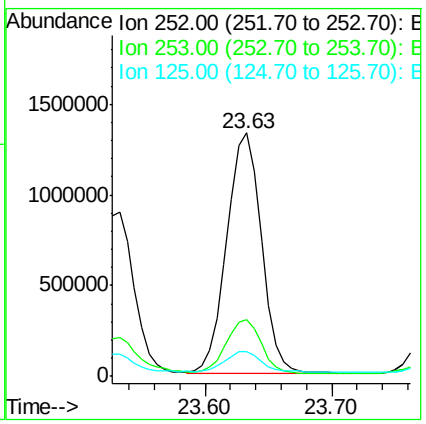


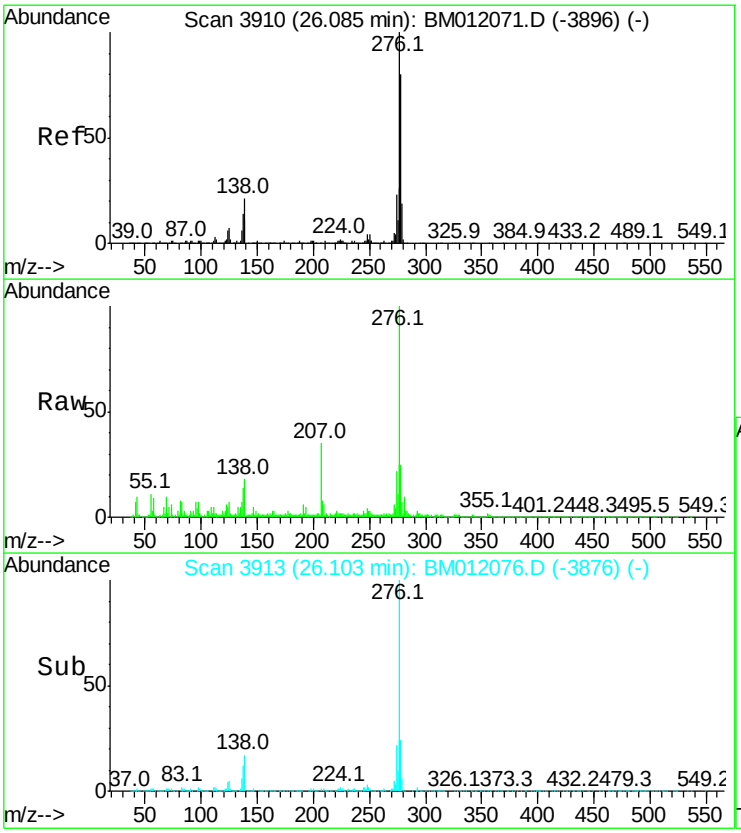
#88
Benzo(a)pyrene
Concen: 31.616 ng/ul
RT: 23.63 min Scan# 3493
Delta R.T. 0.01 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2509223

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	10.2	4.0	6.0#

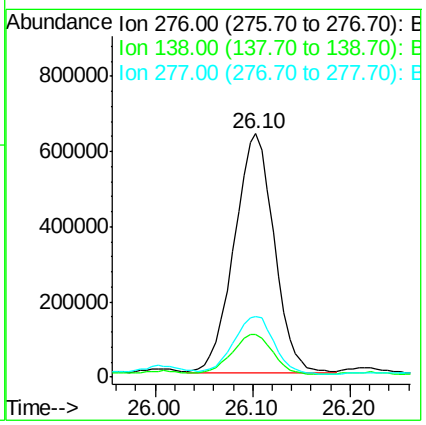


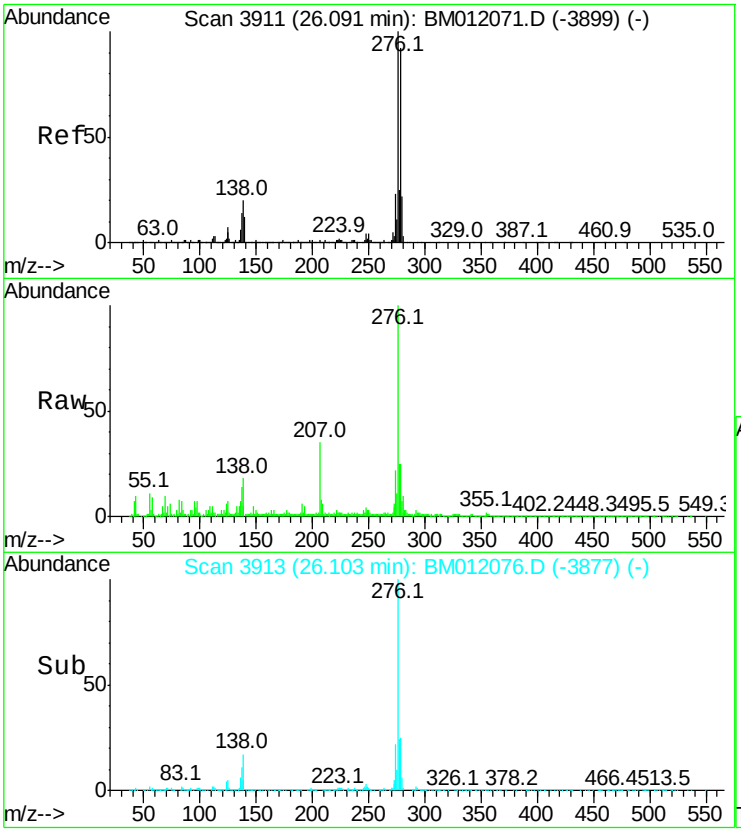


#89
Indeno(1,2,3-cd)pyrene
Concen: 21.367 ng/ul
RT: 26.10 min Scan# 3913
Delta R.T. 0.02 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Tgt Ion:276 Resp: 1814690

Ion	Ratio	Lower	Upper
276	100		
138	17.5	9.3	13.9#
277	25.1	19.9	29.9



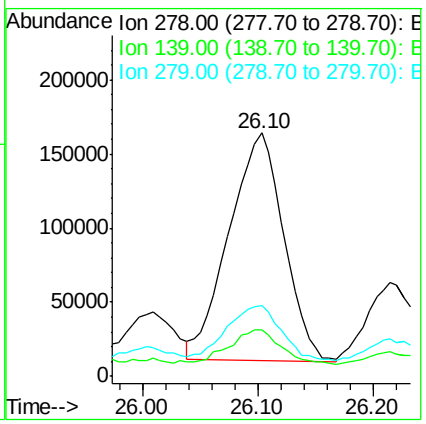


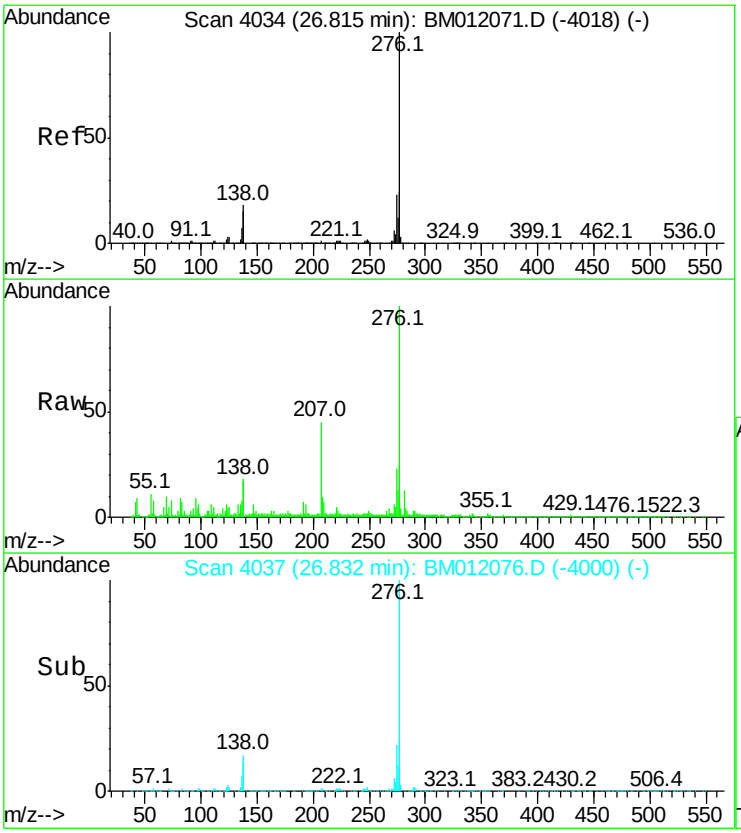
#90
Dibenzo(a,h)anthracene
Concen: 7.237 ng/ul
RT: 26.10 min Scan# 3913
Delta R.T. 0.01 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 505045

Ion	Ratio	Lower	Upper
278	100		
139	19.3	5.8	8.8#
279	28.8	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 24.257 ng/ul
RT: 26.83 min Scan# 4037
Delta R.T. 0.02 min
Lab File: BM012076.D
Acq: 11 Oct 2017 19:07

Tgt Ion:276 Resp: 1704198

Ion	Ratio	Lower	Upper
276	100		
138	18.1	8.5	12.7#
277	24.9	18.6	28.0