Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012460.D
Acq On : 26 Oct 2017 00:49
Operator : SJ/JU
Sample : I5873-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 26 06:13:32 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	660094	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	2558197	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	1532856	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.26	188	2893560	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	2834377	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	3078994	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	25278	1.96	ng/uL	0.00
5) Phenol-d5	7.05	99	603040	10.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	417070	12.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	488110	11.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	646522	13.72	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	280046	17.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	260671	15.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	524024	11.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	1599488	34.69	ng/ul	-0.01
43) Dimethylphthalate-d6	13.93	166	1537691	11.48	ng/ul	0.01
46) Acenaphthylene-d8	14.23	160	1898165	11.98	ng/ul	0.02
51) 4-Nitrophenol-d4	14.72	143	273286	13.73	ng/ul	0.00
57) Fluorene-d10	15.52	176	1267972	11.19	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.63	200	78452	5.60	ng/ul	0.00
70) Anthracene-d10	17.36	188	1816664	13.17	ng/ul	0.00
76) Pyrene-d10	19.64	212	1856138	14.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1854653	12.68	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.04	77	473341	15.79	ng/ul#	1
6) Phenol	7.08	94	96118	1.67	ng/ul	90
14) Acetophenone	8.84	105	283097	3.82	ng/ul	89
17) Hexachloroethane	8.99	117	719815	40.19	ng/ul#	1
20) Nitrobenzene	9.07	77	124162	2.69	ng/ul#	27
21) Isophorone	9.60	82	189255	1.94	ng/ul#	1
24) 2,4-Dimethylphenol	9.89	107	123960	2.40	ng/ul#	72
28) Naphthalene	10.73	128	3727095	29.38	ng/ul	97
32) Caprolactam	11.72	113	482376	34.92	ng/ul	83
33) 4-Chloro-3-methylphenol	11.87	107	597639	12.47	ng/ul#	28
34) 2-Methylnaphthalene	12.44	142	5365566	52.09	ng/ul	99
40) 1,1'-Biphenyl	13.38	154	1200476	9.82	ng/ul	99
42) 2-Nitroaniline	13.59	65	22904	1.03	ng/ul#	57
45) 2,6-Dinitrotoluene	14.09	165	31586	1.50	ng/ul#	24
47) Acenaphthylene	14.26	152	160549	1.06	ng/ul#	1
48) 3-Nitroaniline	14.43	138	45018	2.28	ng/ul#	29
49) Acenaphthene	14.59	153	407444	3.93	ng/ul#	90
54) 2,4-Dinitrotoluene	14.87	165	73298	2.32	ng/ul#	1
58) Fluorene	15.57	166	633206	4.89	ng/ul#	74
64) N-Nitrosodiphenylamine	15.78	169	1000596	11.90	ng/ul#	50
69) Phenanthrene	17.30	178	4368501	27.92	ng/ul	98
71) Anthracene	17.30	178	4368501	27.01	ng/ul	96
74) Fluoranthene	19.31	202	260991	1.47	ng/ul#	50

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012460.D
Acq On : 26 Oct 2017 00:49
Operator : SJ/JU
Sample : I5873-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 26 06:13:32 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	19.67	202	660839	4.10	ng/ul#	83
81) Bis(2-ethylhexyl)phthalate	21.34	149	2679767	27.74	ng/ul#	83

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012460.D
Acq On : 26 Oct 2017 00:49
Operator : SJ/JU
Sample : I5873-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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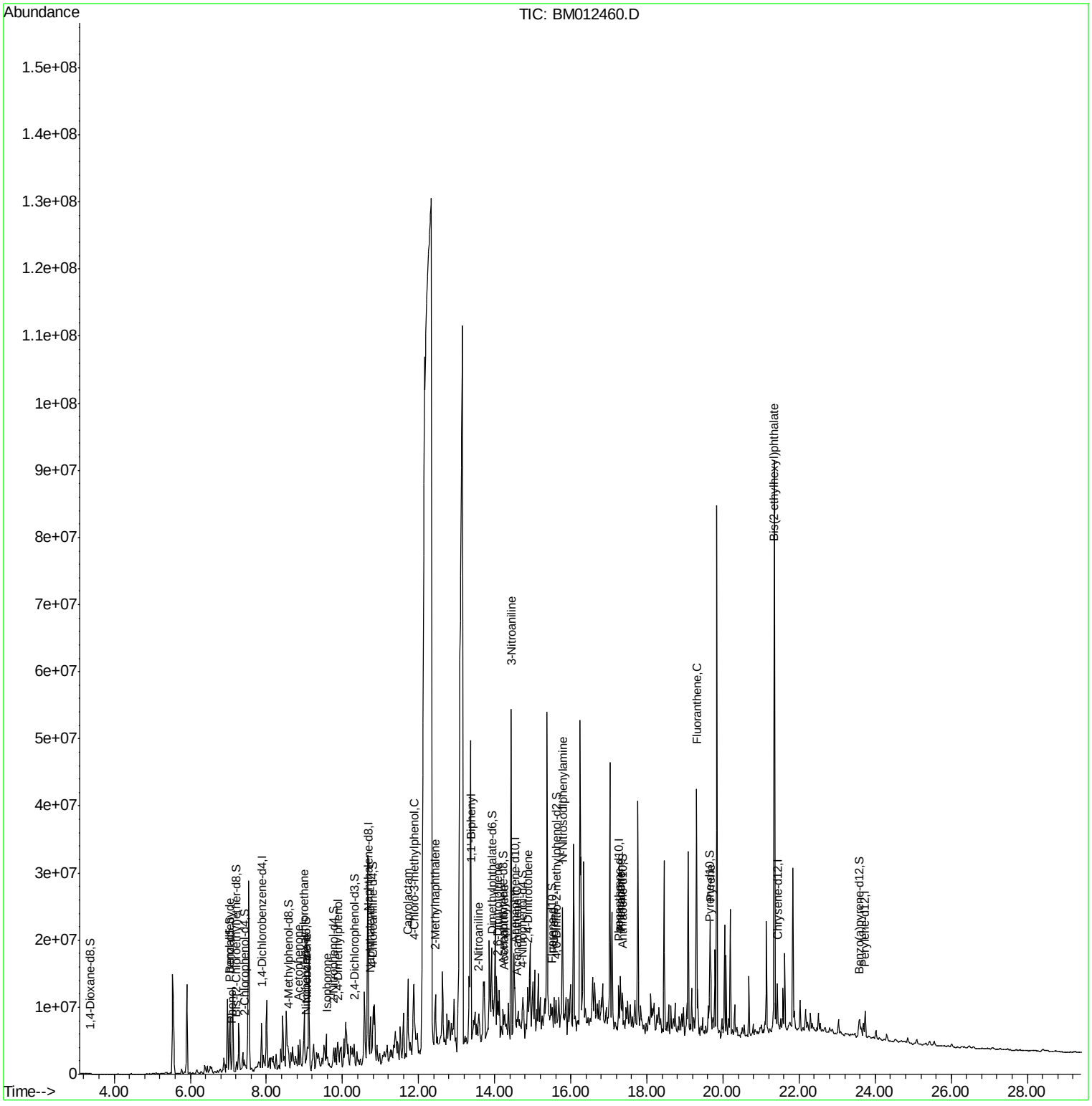
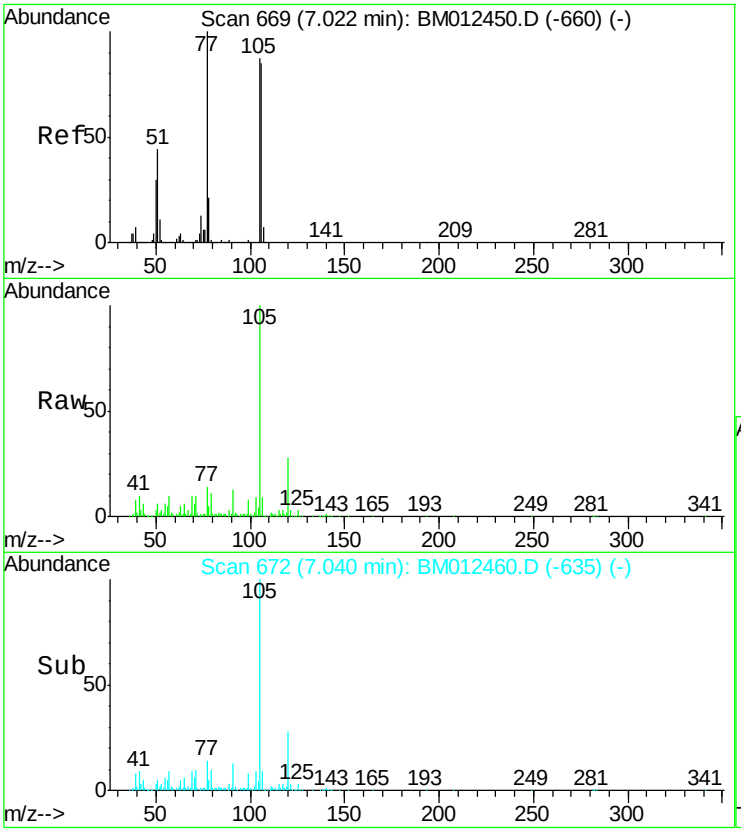
ClientSampleId :

Quant Time: Oct 26 06:13:32 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration



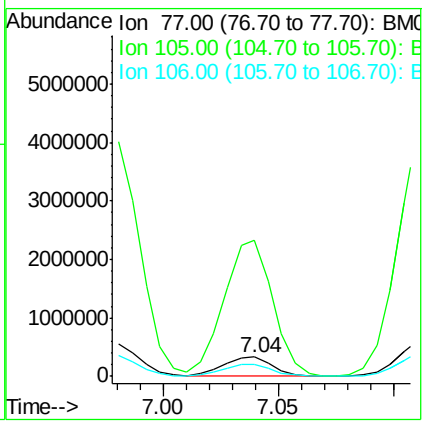


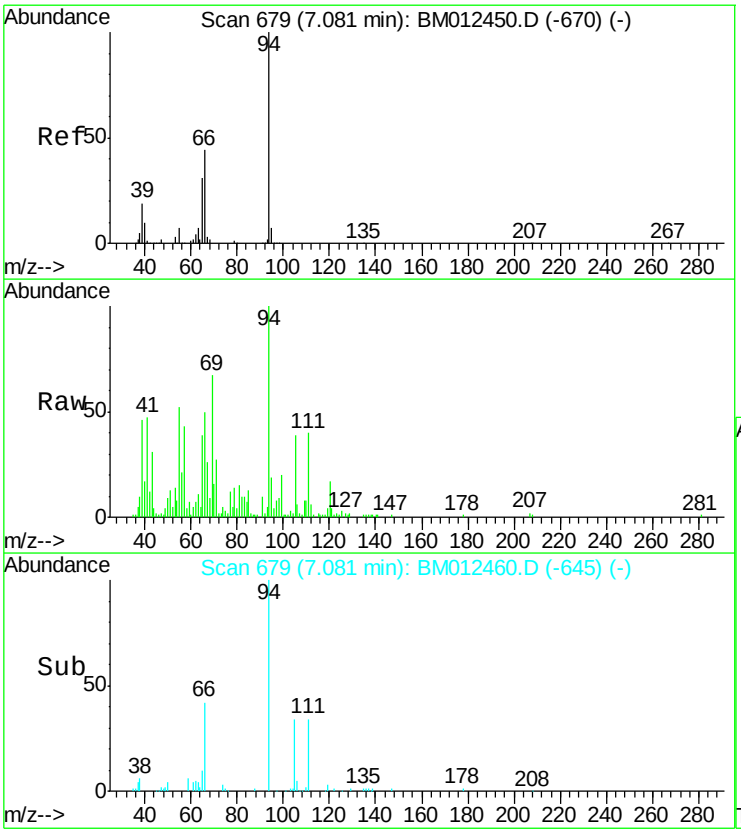
#4
Benzaldehyde
Concen: 15.79 ng/ul
RT: 7.04 min Scan# 672
Delta R.T. 0.02 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 473341

Ion	Ratio	Lower	Upper
77	100		
105	715.6	66.1	99.1#
106	62.3	67.8	101.6#

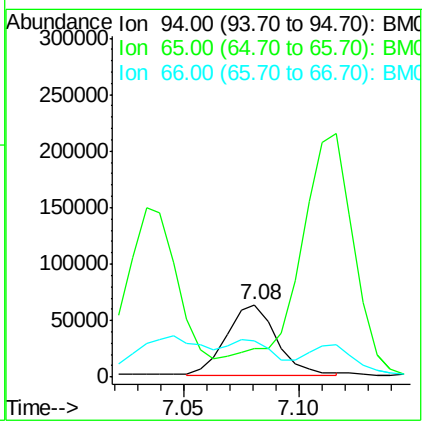


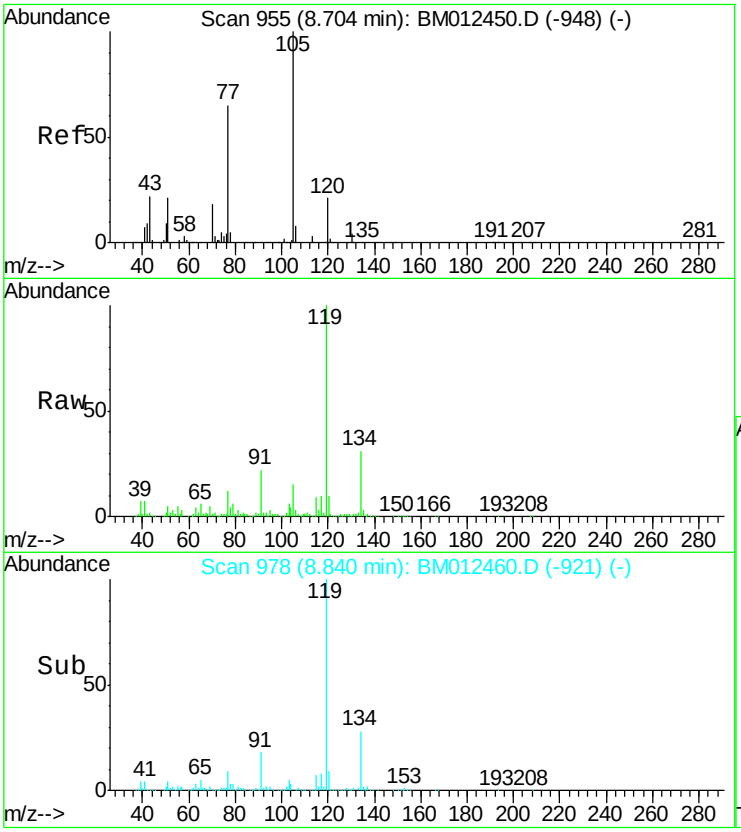


#6
Phenol
Concen: 1.67 ng/ul
RT: 7.08 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Tgt Ion: 94 Resp: 96118

Ion	Ratio	Lower	Upper
94	100		
65	39.3	28.2	42.4
66	50.4	47.2	70.8



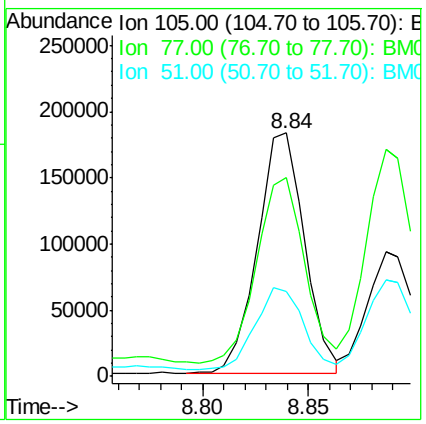


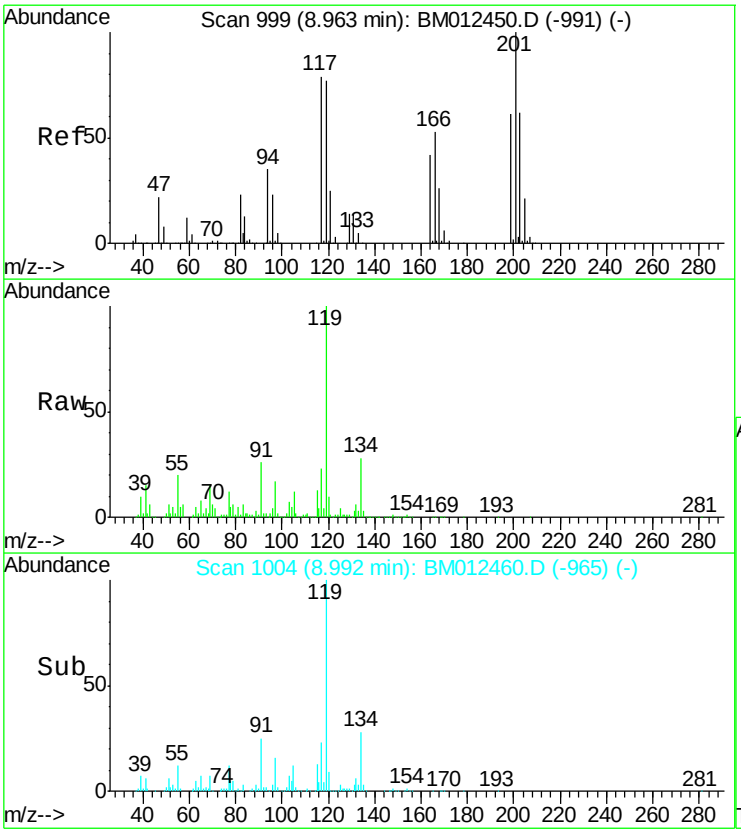
#14
Acetophenone
Concen: 3.82 ng/ul
RT: 8.84 min Scan# 978
Delta R.T. 0.14 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 283097

Ion	Ratio	Lower	Upper
105	100		
77	81.4	74.2	111.4
51	34.8	23.4	35.2

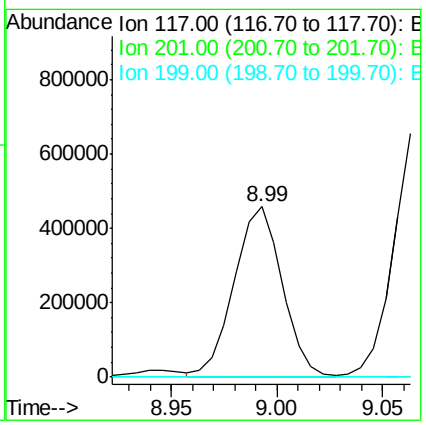


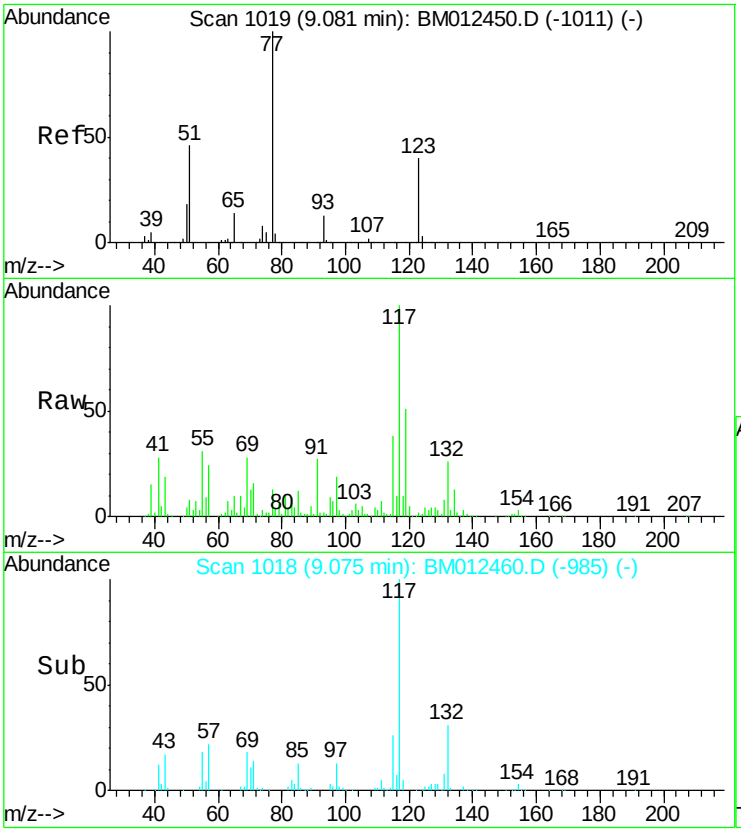


#17
Hexachloroethane
Concen: 40.19 ng/ul
RT: 8.99 min Scan# 1004
Delta R.T. 0.03 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Tgt Ion:117 Resp: 719815

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



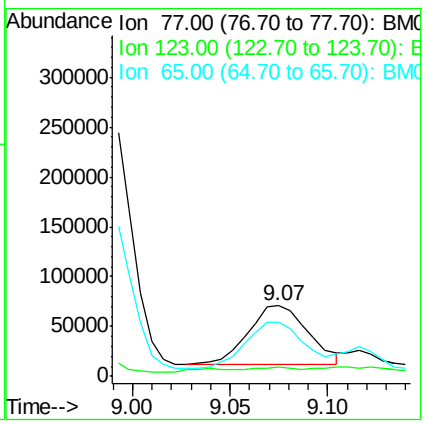


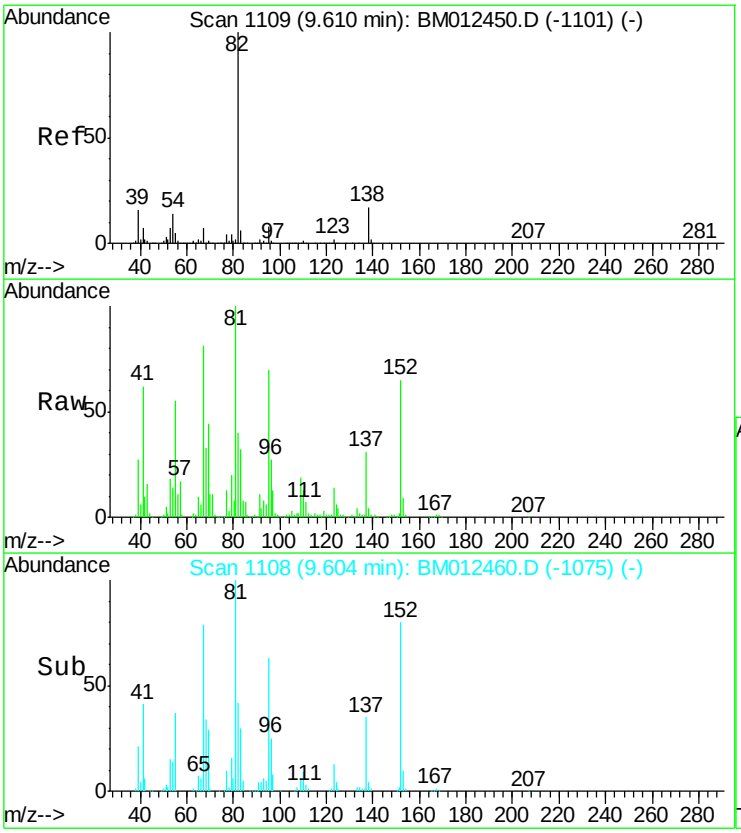
#20
Nitrobenzene
Concen: 2.69 ng/ul
RT: 9.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 124162

Ion	Ratio	Lower	Upper
77	100		
123	12.8	31.0	46.6#
65	77.4	12.2	18.2#

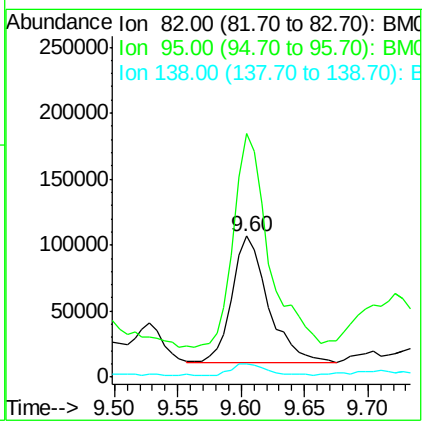


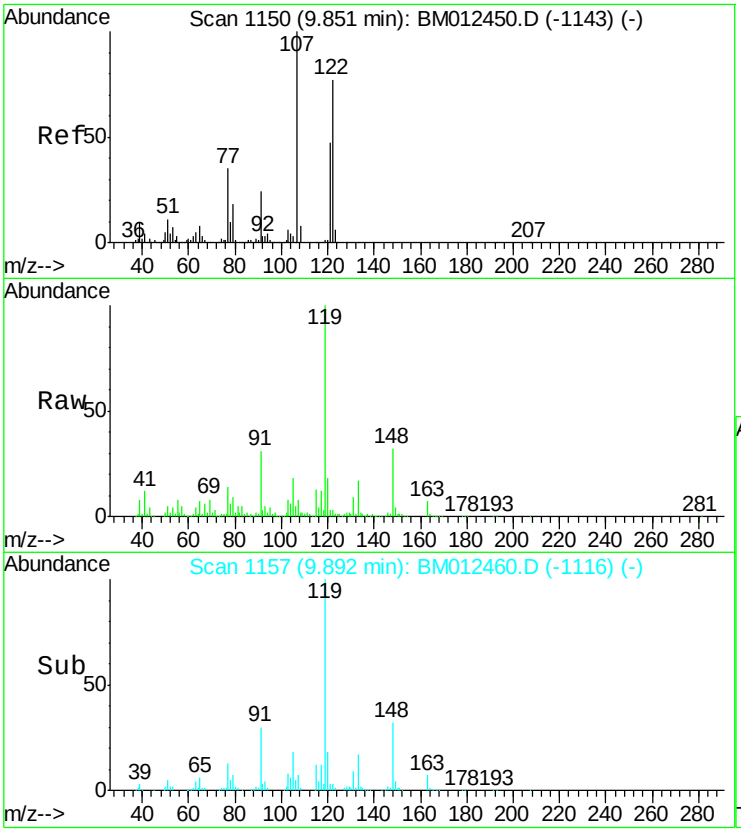


#21
Isophorone
Concen: 1.94 ng/ul
RT: 9.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Tgt Ion: 82 Resp: 189255

Ion	Ratio	Lower	Upper
82	100		
95	173.1	7.8	11.8#
138	9.8	11.9	17.9#



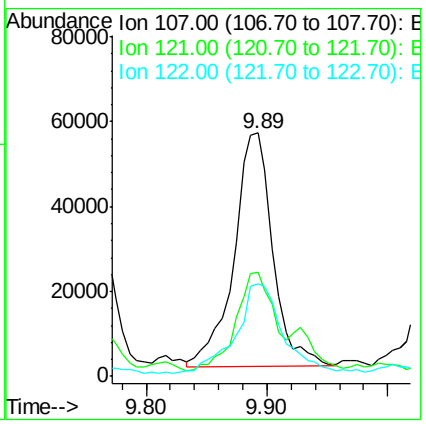


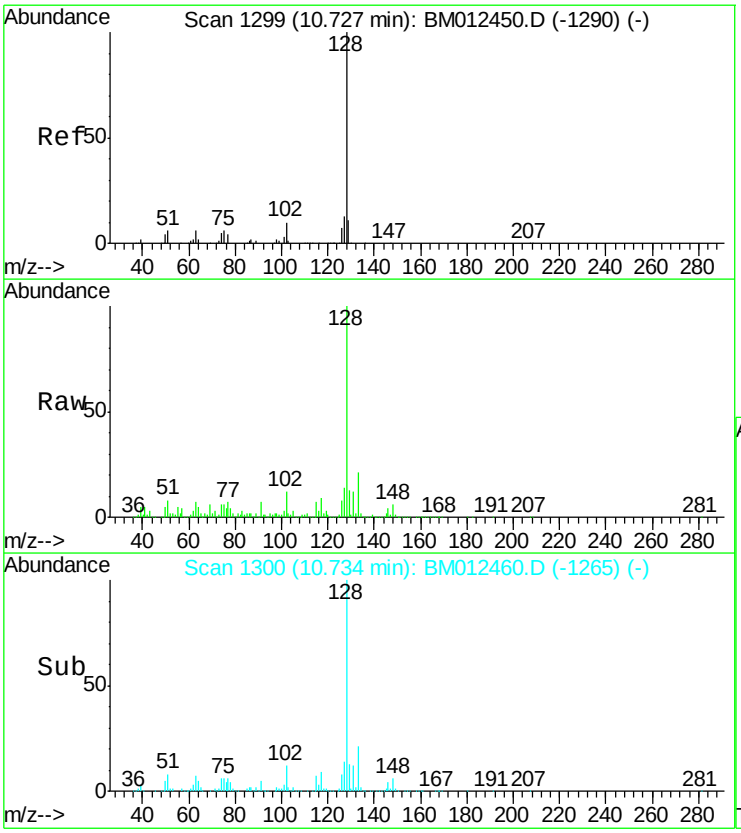
#24
2,4-Dimethylphenol
Concen: 2.40 ng/ul
RT: 9.89 min Scan# 1157
Delta R.T. 0.04 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 123960

Ion	Ratio	Lower	Upper
107	100		
121	42.7	31.9	47.9
122	37.9	57.8	86.6#

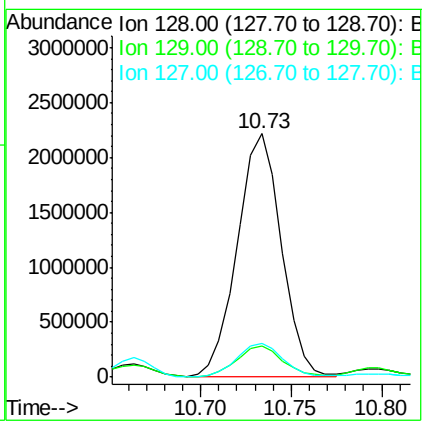


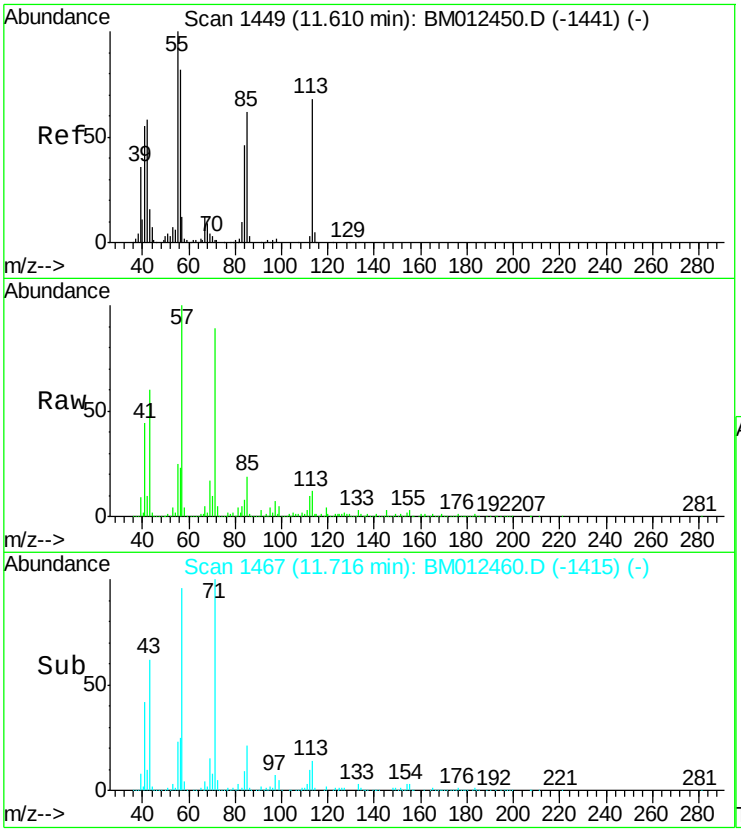


#28
Naphthalene
Concen: 29.38 ng/ul
RT: 10.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Tgt Ion:128 Resp: 3727095

Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.8	13.2
127	13.9	10.6	16.0



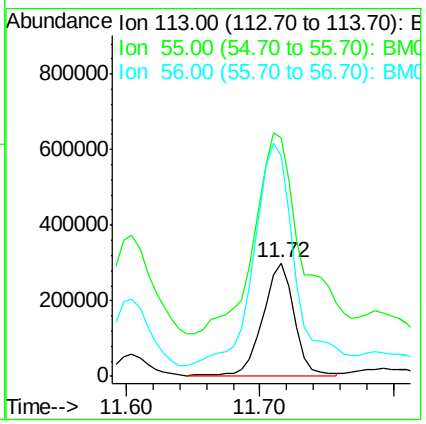


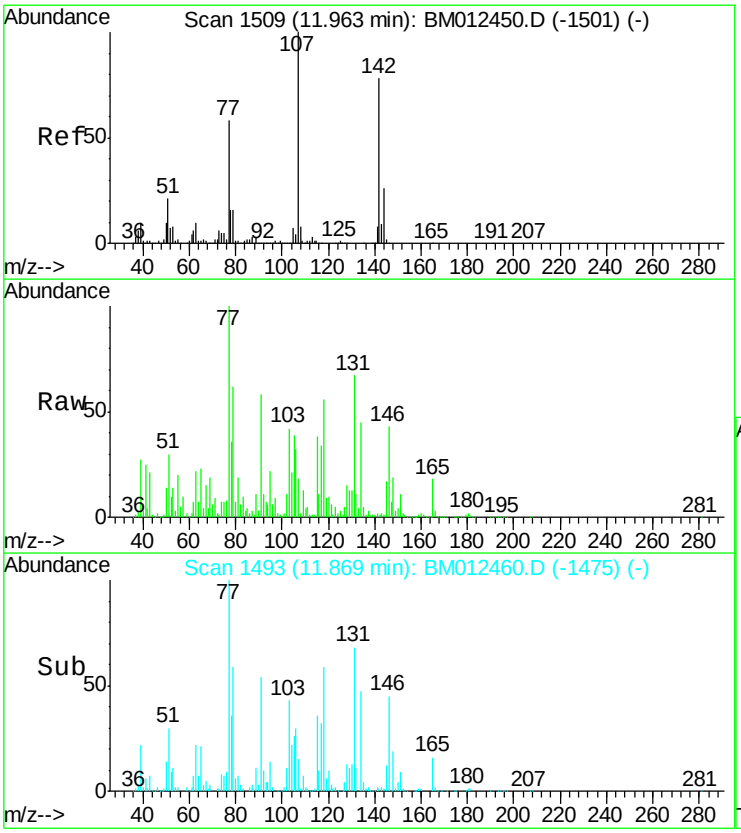
#32
Caprolactam
Concen: 34.92 ng/ul
RT: 11.72 min Scan# 1467
Delta R.T. 0.11 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 482376

Ion	Ratio	Lower	Upper
113	100		
55	210.4	208.0	312.0
56	195.1	160.0	240.0

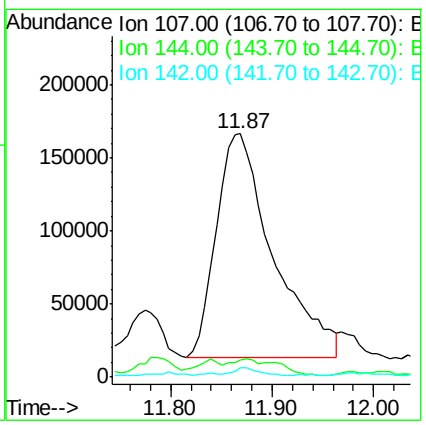


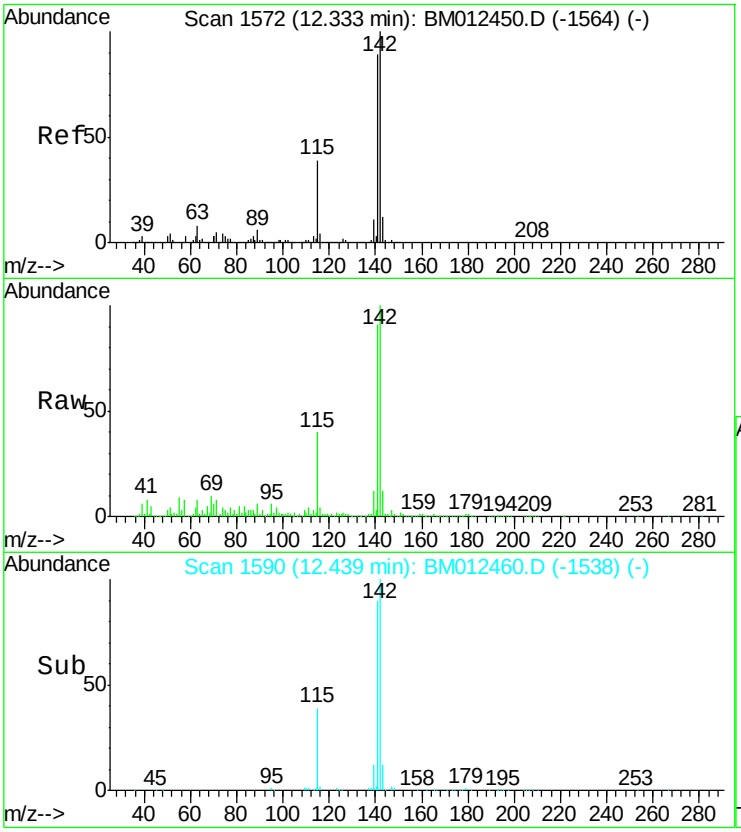


#33
4-Chloro-3-methylphenol
Concen: 12.47 ng/ul
RT: 11.87 min Scan# 1493
Delta R.T. -0.09 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Tgt Ion:107 Resp: 597639

Ion	Ratio	Lower	Upper
107	100		
144	7.0	20.4	30.6#
142	3.7	60.5	90.7#



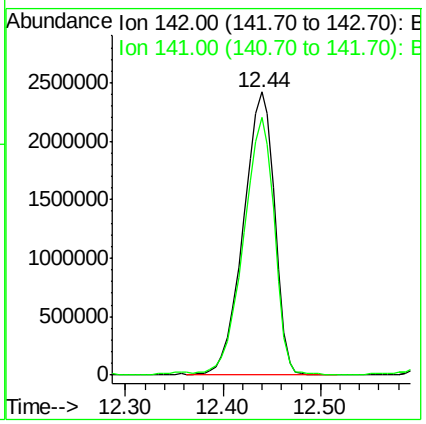


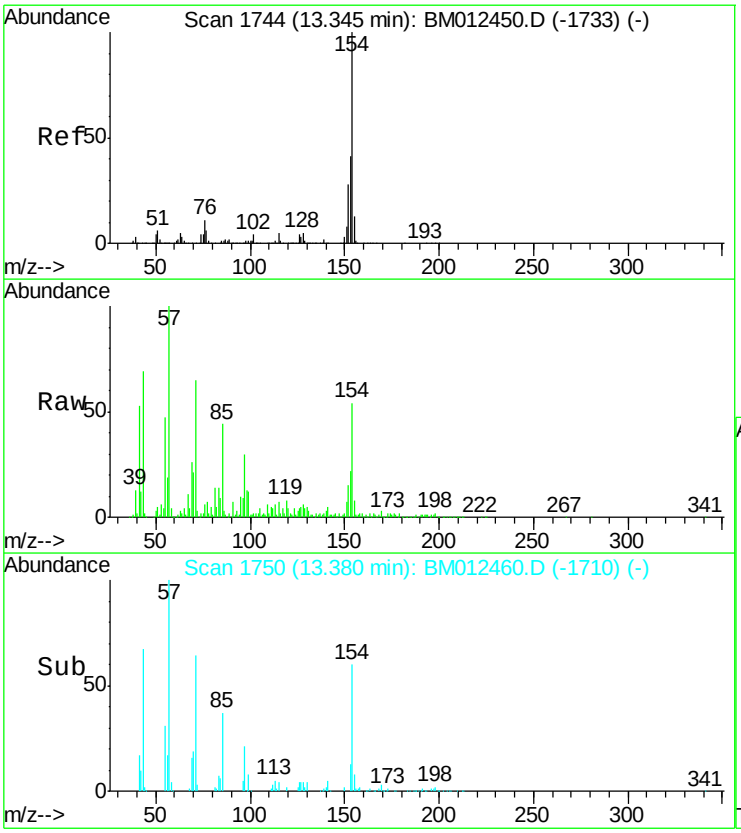
#34
2-Methylnaphthalene
Concen: 52.09 ng/ul
RT: 12.44 min Scan# 1590
Delta R.T. 0.11 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 5365566

Ion	Ratio	Lower	Upper
142	100		
141	91.2	74.1	111.1

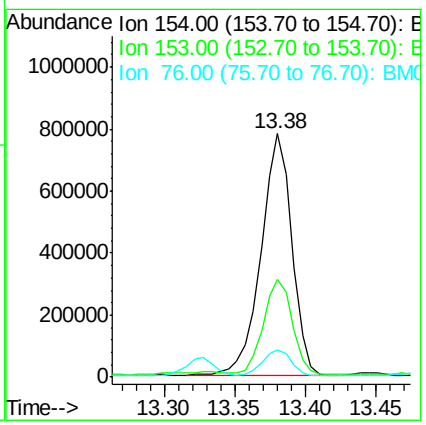


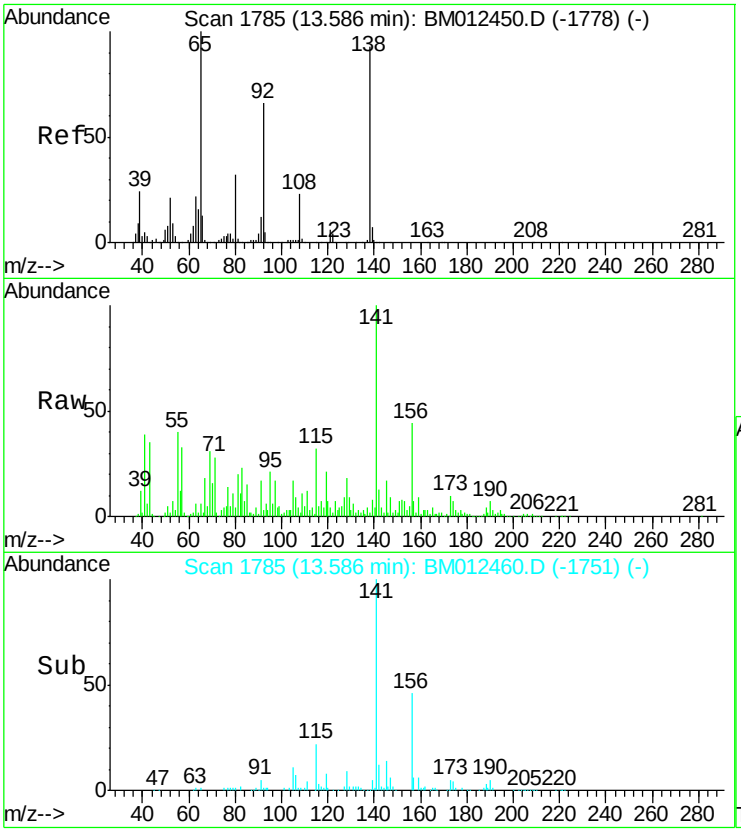


#40
1,1'-Biphenyl
Concen: 9.82 ng/ul
RT: 13.38 min Scan# 1750
Delta R.T. 0.04 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Tgt Ion:154 Resp: 1200476

Ion	Ratio	Lower	Upper
154	100		
153	40.3	32.6	48.8
76	11.4	8.5	12.7



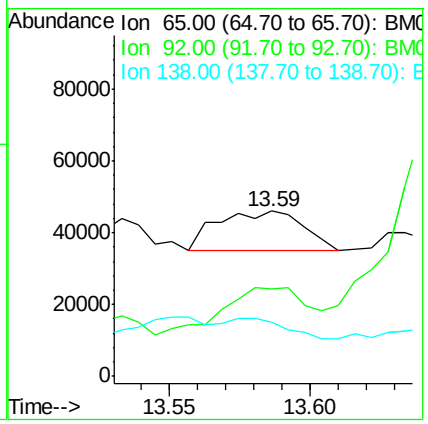


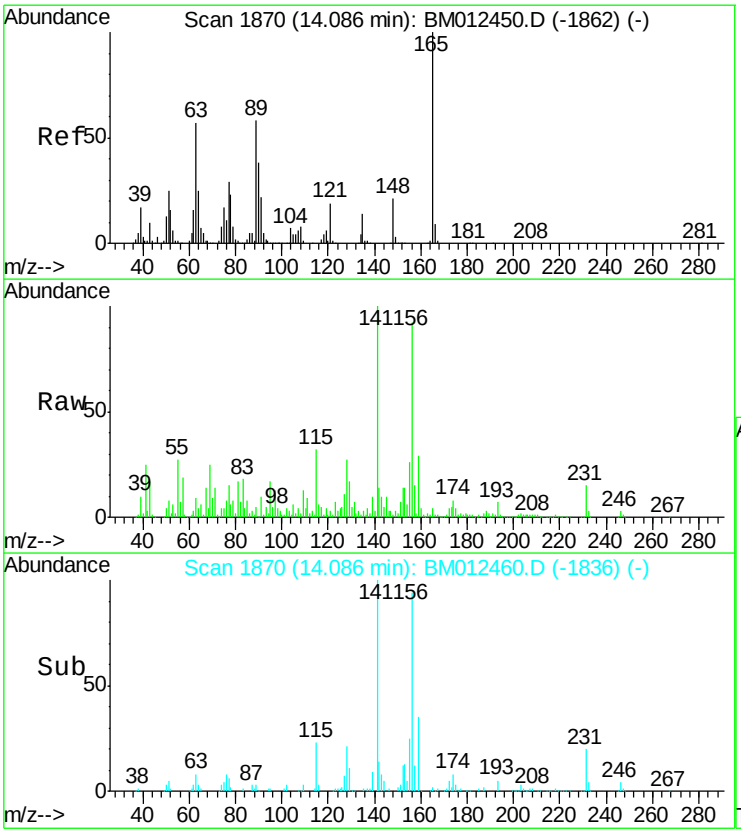
#42
2-Nitroaniline
Concen: 1.03 ng/ul
RT: 13.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 65 Resp: 22904

Ion	Ratio	Lower	Upper
65	100		
92	53.0	51.8	77.6
138	32.6	74.2	111.4#

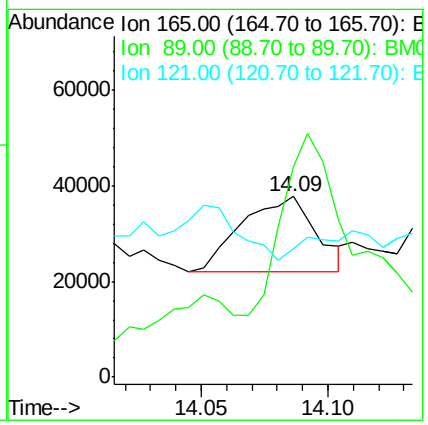


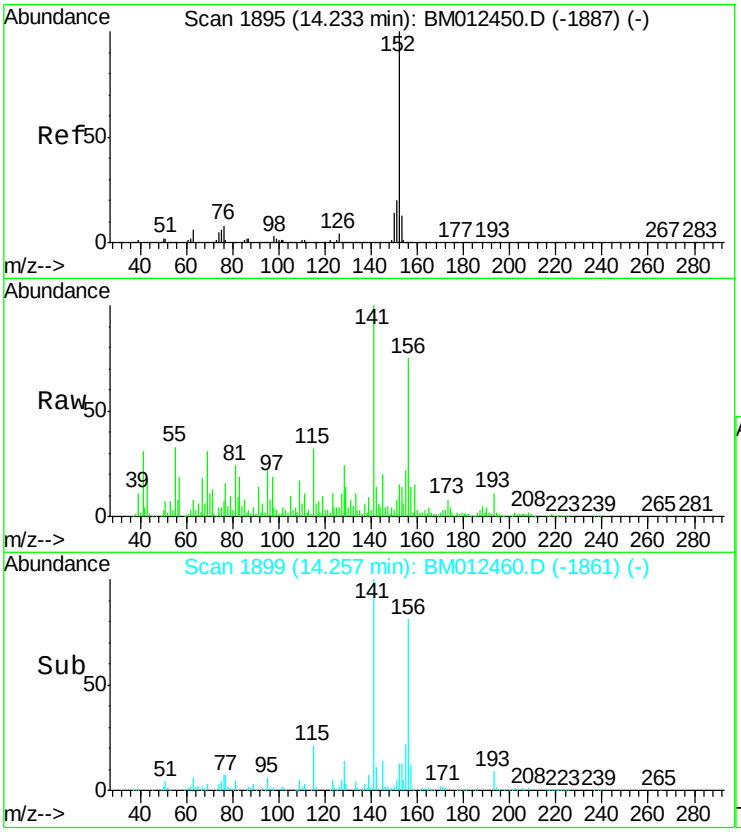


#45
2,6-Dinitrotoluene
Concen: 1.50 ng/ul
RT: 14.09 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Tgt Ion:165 Resp: 31586

Ion	Ratio	Lower	Upper
165	100		
89	116.7	52.6	79.0#
121	70.9	14.6	22.0#



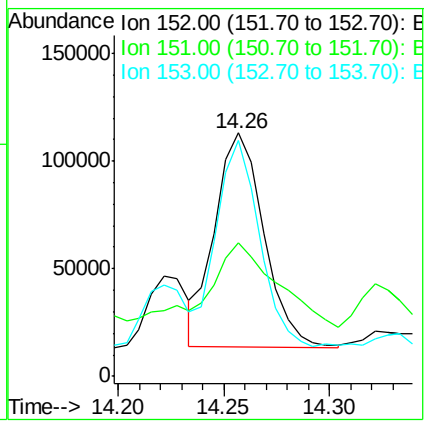


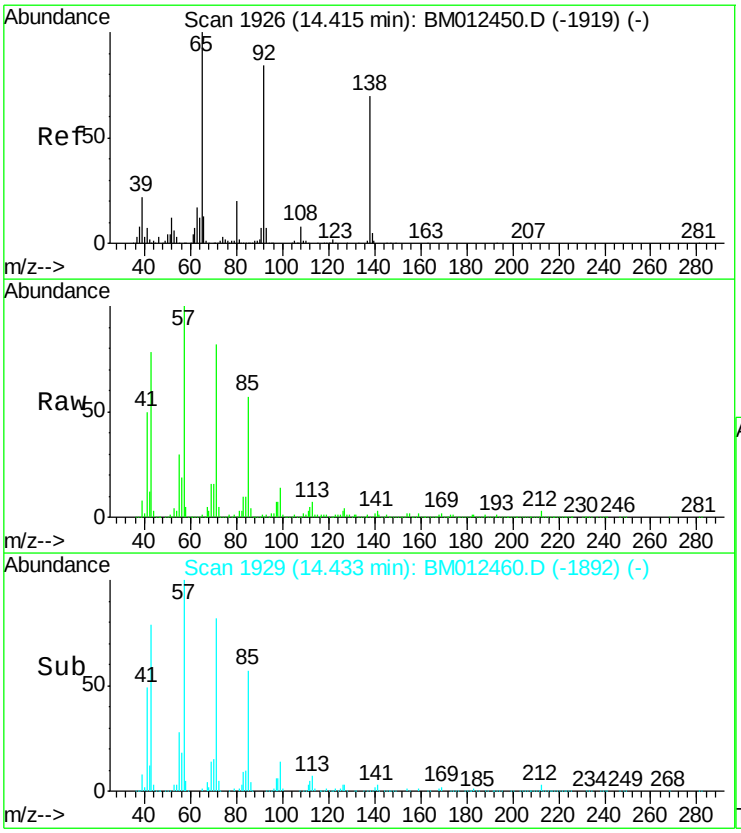
#47
Acenaphthylene
Concen: 1.06 ng/ul
RT: 14.26 min Scan# 1899
Delta R.T. 0.02 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 160549

Ion	Ratio	Lower	Upper
152	100		
151	54.8	16.3	24.5#
153	96.8	10.2	15.4#

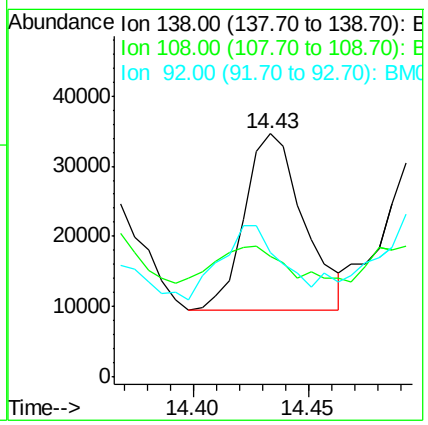


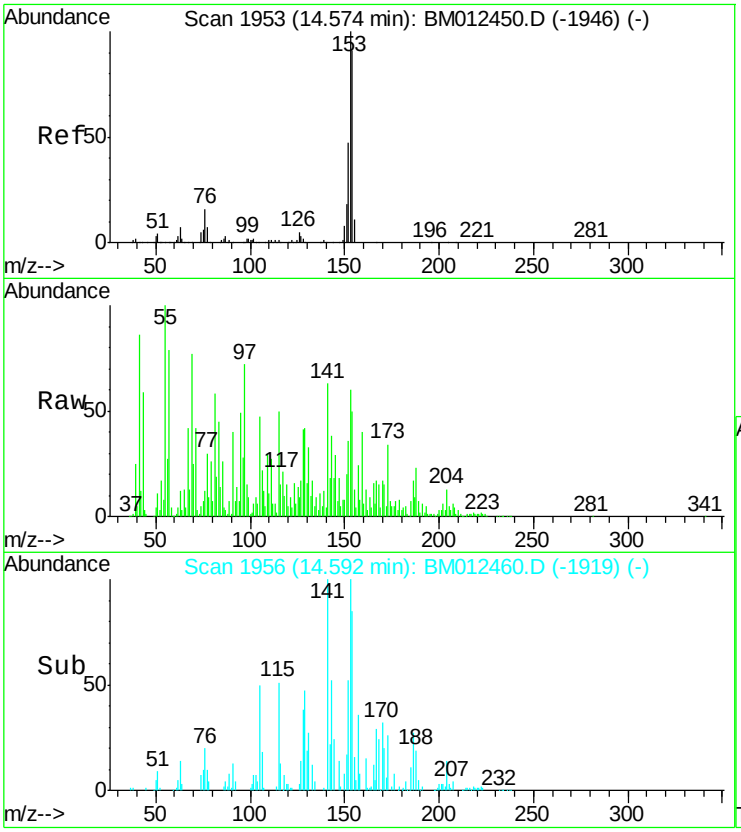


#48
3-Nitroaniline
Concen: 2.28 ng/ul
RT: 14.43 min Scan# 1929
Delta R.T. 0.02 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Tgt Ion:138 Resp: 45018

Ion	Ratio	Lower	Upper
138	100		
108	49.7	9.9	14.9#
92	51.2	105.0	157.4#



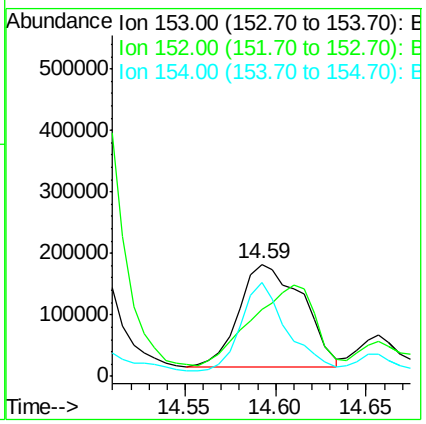


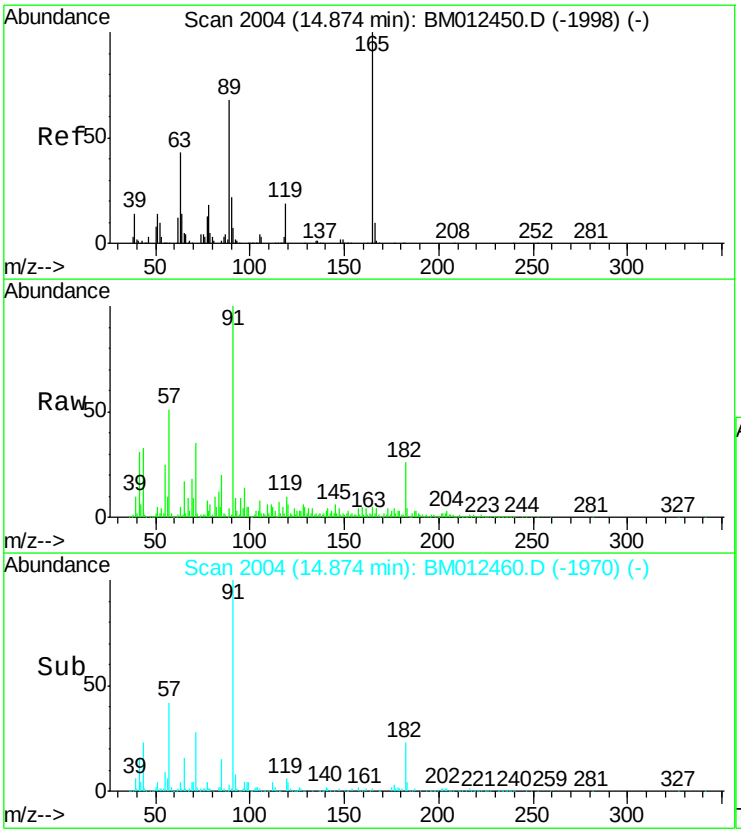
#49
Acenaphthene
Concen: 3.93 ng/ul
RT: 14.59 min Scan# 1956
Delta R.T. 0.02 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 407444

Ion	Ratio	Lower	Upper
153	100		
152	59.4	37.6	56.4#
154	83.5	70.4	105.6

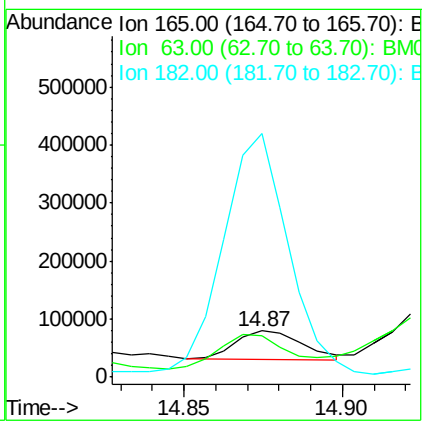


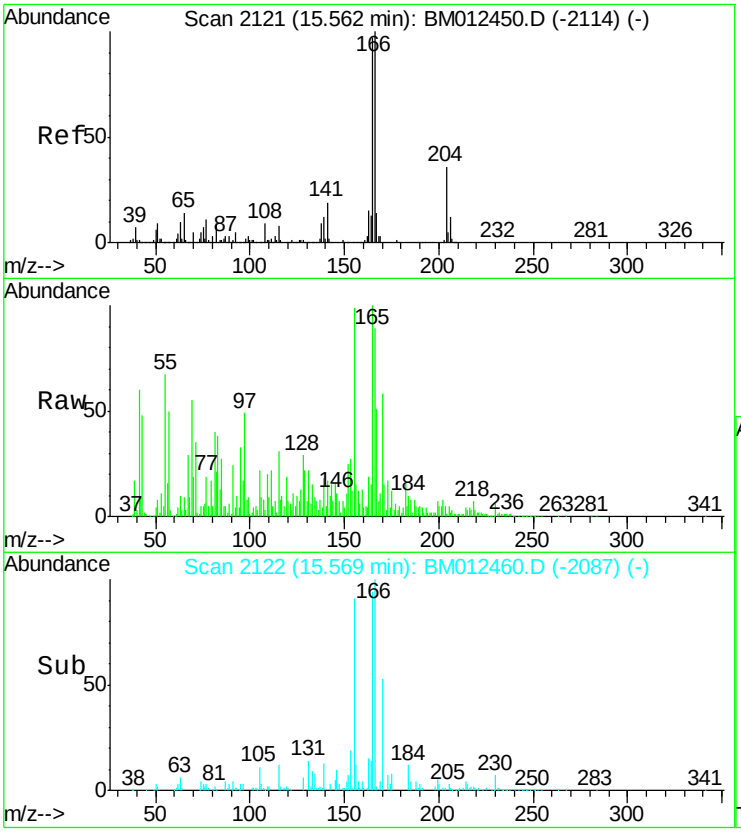


#54
2,4-Dinitrotoluene
Concen: 2.32 ng/ul
RT: 14.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Tgt Ion:165 Resp: 73298

Ion	Ratio	Lower	Upper
165	100		
63	89.9	45.8	68.8#
182	528.8	2.6	4.0#



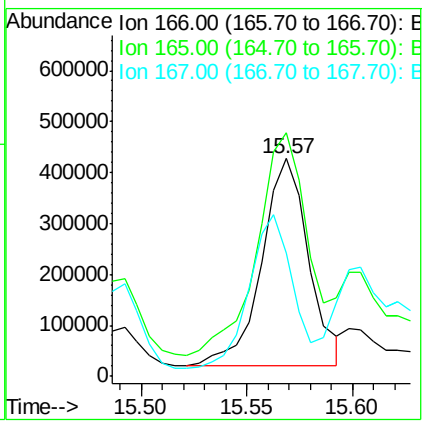


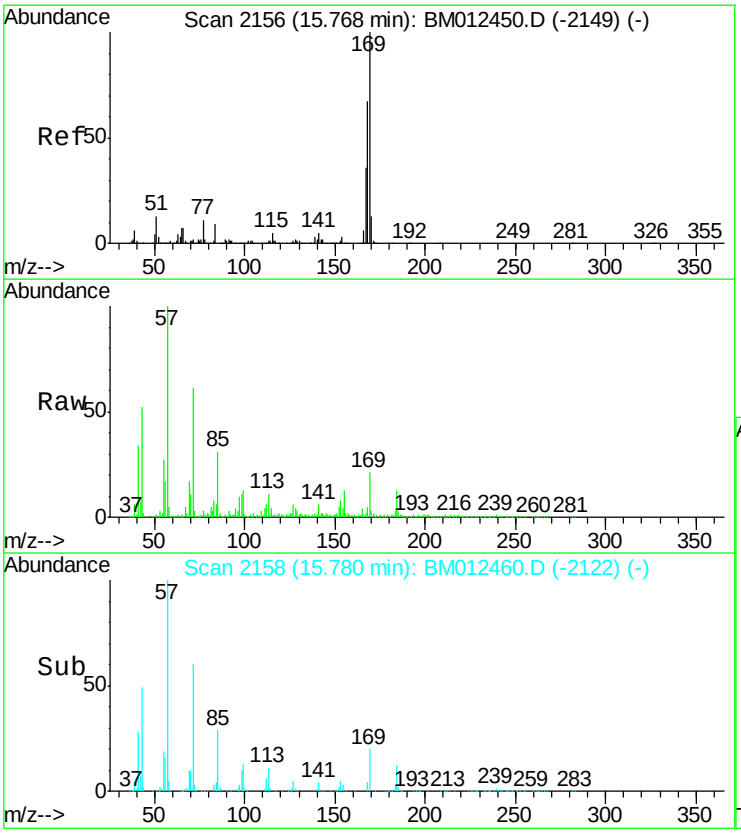
#58
Fluorene
Concen: 4.89 ng/ul
RT: 15.57 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 633206

Ion	Ratio	Lower	Upper
166	100		
165	112.0	77.9	116.9
167	56.9	10.6	16.0#

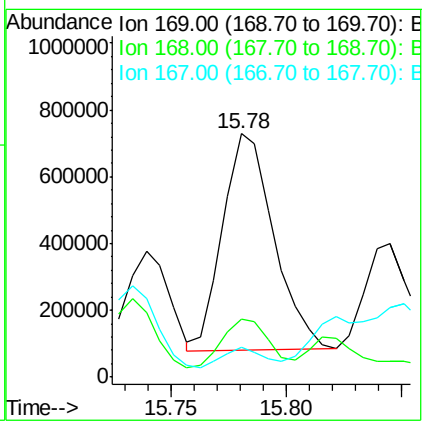


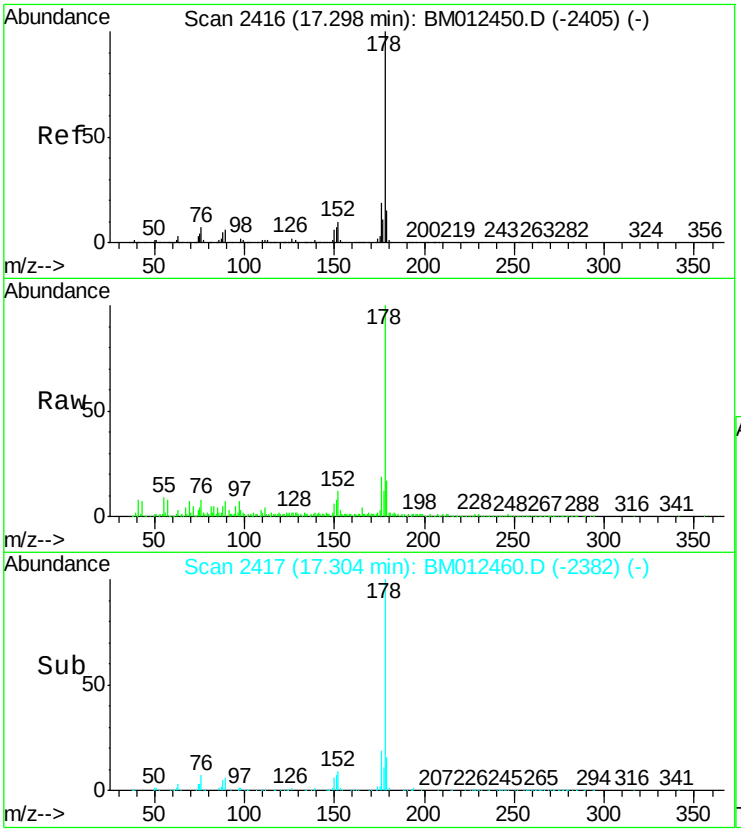


#64
N-Nitrosodiphenylamine
Concen: 11.90 ng/ul
RT: 15.78 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Tgt Ion:169 Resp: 1000596

Ion	Ratio	Lower	Upper
169	100		
168	23.7	54.0	81.0#
167	12.1	29.1	43.7#



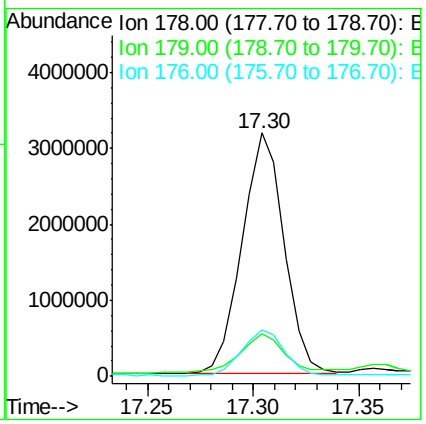


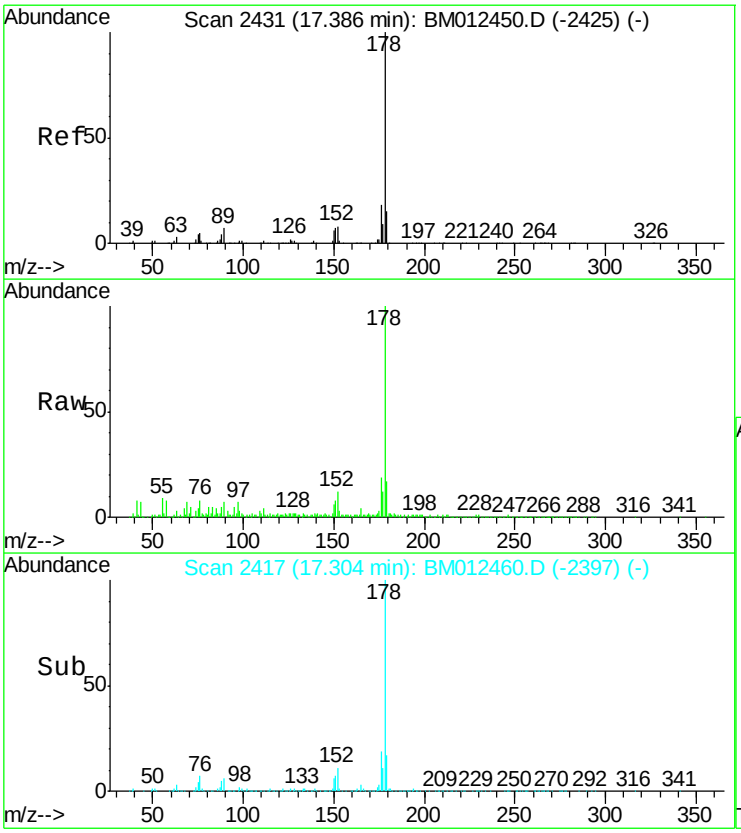
#69
Phenanthrene
Concen: 27.92 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. 0.01 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 4368501

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.6	19.0
176	19.1	14.9	22.3

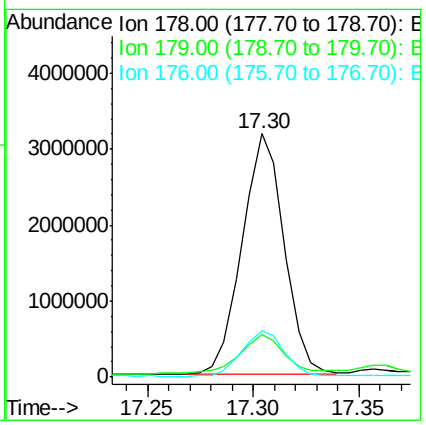


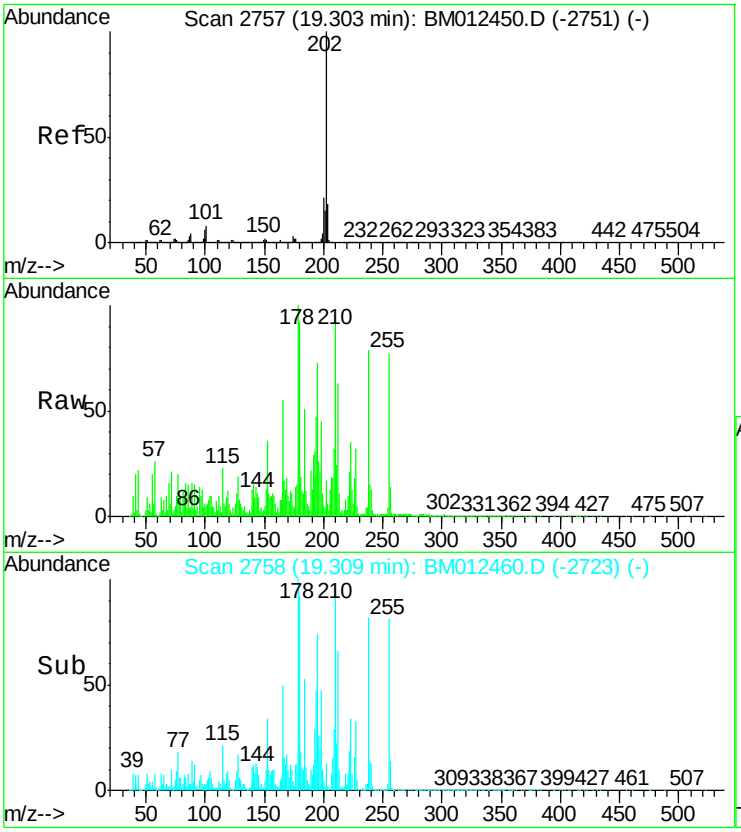


#71
Anthracene
Concen: 27.01 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. -0.08 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Tgt Ion:178 Resp: 4368501

Ion	Ratio	Lower	Upper
178	100		
179	17.4	11.7	17.5
176	19.1	14.6	21.8



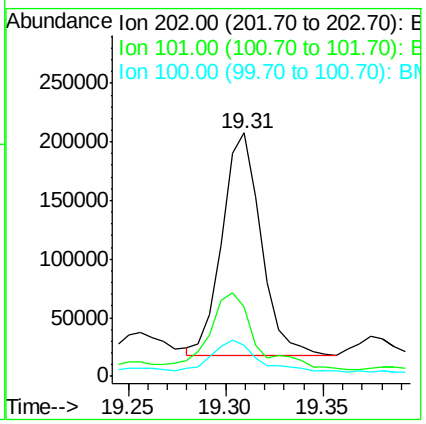


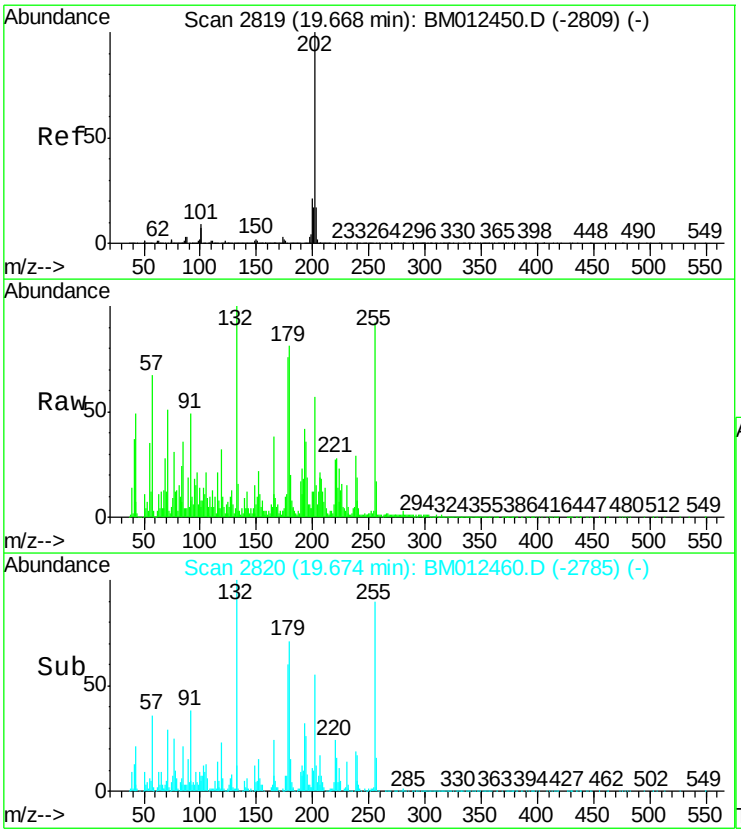
#74
Fluoranthene
Concen: 1.47 ng/ul
RT: 19.31 min Scan# 2758
Delta R.T. 0.01 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 260991

Ion	Ratio	Lower	Upper
202	100		
101	28.7	4.6	7.0#
100	12.6	3.4	5.2#

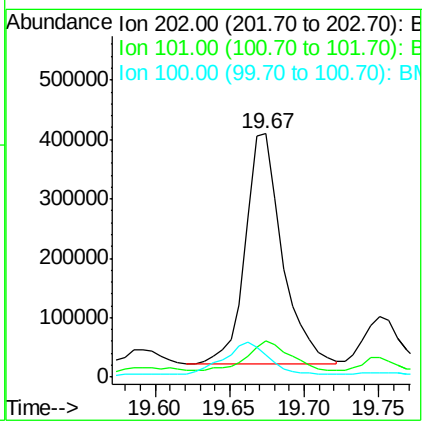


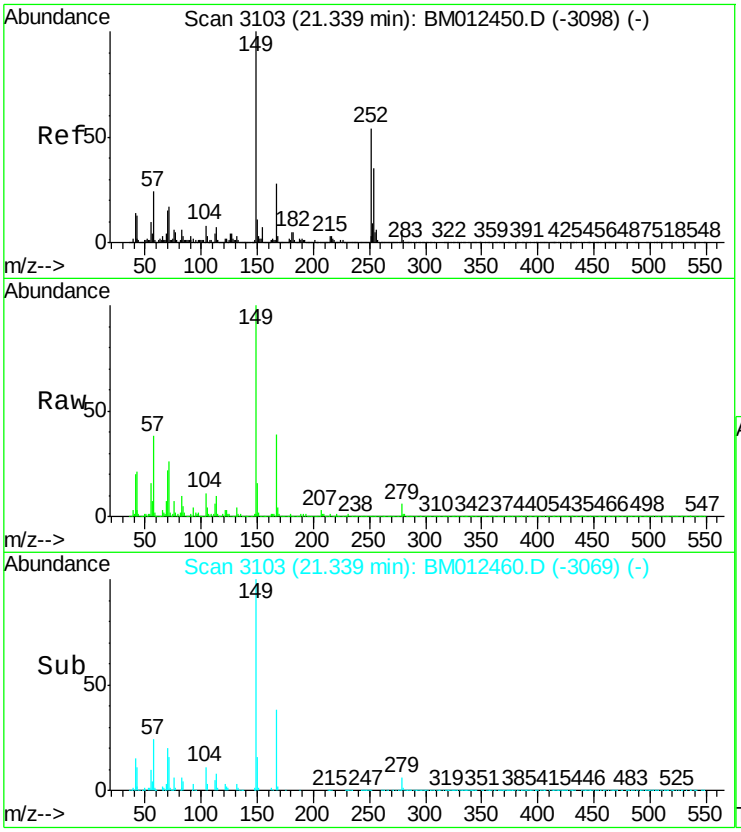


#77
Pyrene
Concen: 4.10 ng/ul
RT: 19.67 min Scan# 2820
Delta R.T. 0.01 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Tgt Ion:202 Resp: 660839

Ion	Ratio	Lower	Upper
202	100		
101	14.7	5.1	7.7#
100	9.0	4.9	7.3#





#81
Bis(2-ethylhexyl)phthalate
Concen: 27.74 ng/ul
RT: 21.34 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BM012460.D
Acq: 26 Oct 2017 00:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 2679767

Ion	Ratio	Lower	Upper
149	100		
167	39.2	22.8	34.2#
279	6.3	4.9	7.3