Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012454.D
Acq On : 25 Oct 2017 21:11
Operator : SJ/JU
Sample : I5719-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 26 06:11:45 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	7.88	152	457062	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1908874	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1216275	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	2742973	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2187694	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2198588	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	30054	3.36	ng/uL	0.00
5) Phenol-d5	7.05	99	637679	16.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	458197	20.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	505972	17.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	443264	13.58	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	314580	26.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	256419	20.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	512748	15.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	803175	23.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	2034082	19.14	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2436334	19.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	7600	0.48	ng/ul	0.00
57) Fluorene-d10	15.50	176	1749324	19.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	3404	0.26	ng/ul	0.00
70) Anthracene-d10	17.35	188	2545914	19.48	ng/ul	0.00
76) Pyrene-d10	19.64	212	2459798	24.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1992373	19.07	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.03	77	144123	6.94	ng/ul#	1
6) Phenol	7.08	94	212011	5.33	ng/ul#	85
14) Acetophenone	8.69	105	188915	3.68	ng/ul#	31
17) Hexachloroethane	8.99	117	1069363	86.23	ng/ul#	1
20) Nitrobenzene	9.07	77	128675	3.74	ng/ul#	25
21) Isophorone	9.60	82	106439	1.46	ng/ul#	1
24) 2,4-Dimethylphenol	9.89	107	40434	1.05	ng/ul#	75
28) Naphthalene	10.73	128	475901	5.03	ng/ul#	93
32) Caprolactam	11.71	113	11826	1.15	ng/ul	82
34) 2-Methylnaphthalene	12.33	142	130210	1.69	ng/ul	97
44) Dimethylphthalate	13.97	163	946566	9.01	ng/ul	99
69) Phenanthrene	17.30	178	413065	2.78	ng/ul	100
74) Fluoranthene	19.30	202	544265	3.24	ng/ul#	94
77) Pyrene	19.67	202	495706	3.98	ng/ul#	95
80) Benzo(a)anthracene	21.41	228	301324	2.30	ng/ul#	89
82) Chrysene	21.46	228	339081	2.91	ng/ul#	88
85) Benzo(b)fluoranthene	23.04	252	481571	3.54	ng/ul#	85
86) Benzo(k)fluoranthene	23.04	252	481571	3.76	ng/ul#	83
88) Benzo(a)pyrene	23.63	252	336996	2.60	ng/ul#	84
89) Indeno(1,2,3-cd)pyrene	26.07	276	285373	1.87	ng/ul#	95
91) Benzo(g,h,i)perylene	26.80	276	265176	2.15	ng/ul#	90

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012454.D
Acq On : 25 Oct 2017 21:11
Operator : SJ/JU
Sample : I5719-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 26 06:11:45 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)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012454.D
Acq On : 25 Oct 2017 21:11
Operator : SJ/JU
Sample : I5719-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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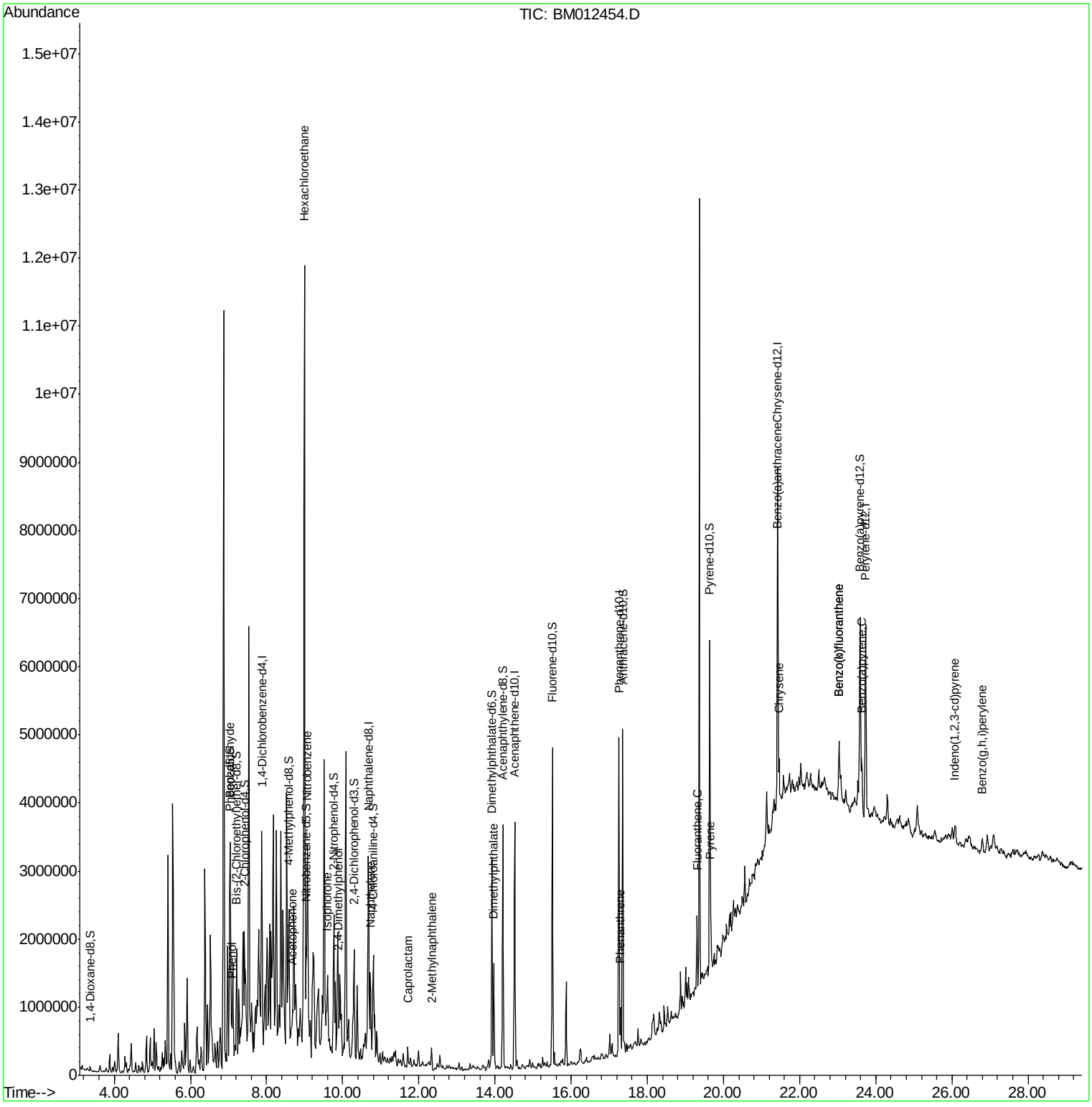
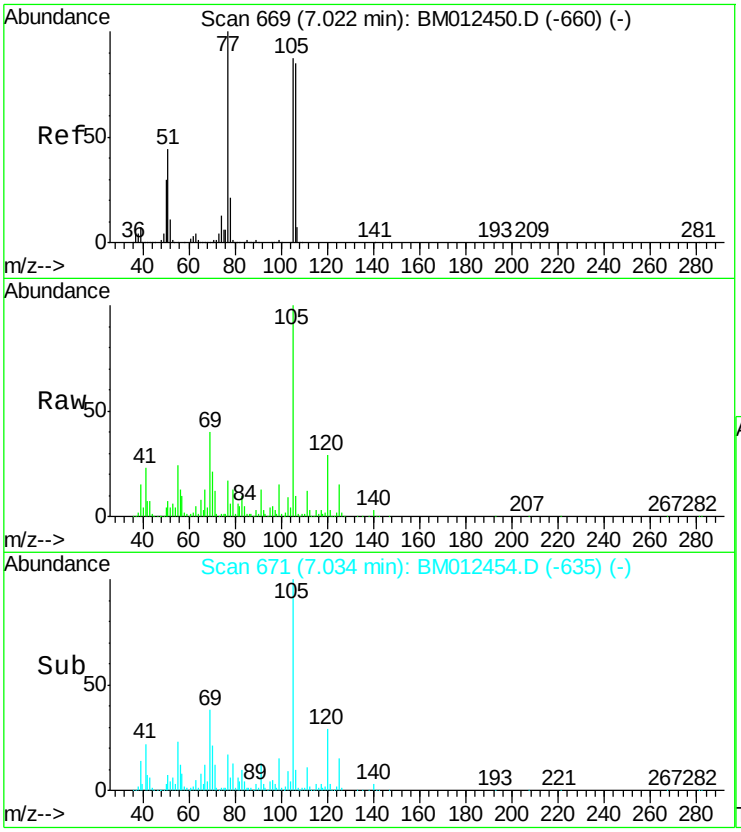
ClientSampleId :

Quant Time: Oct 26 06:11:45 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



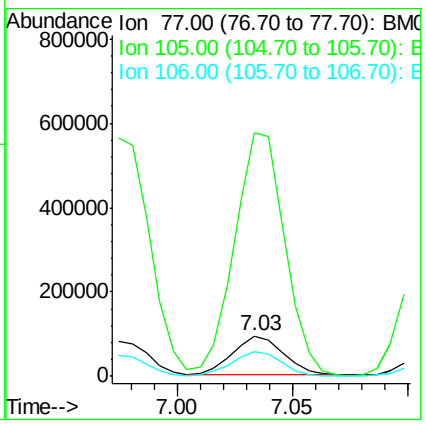


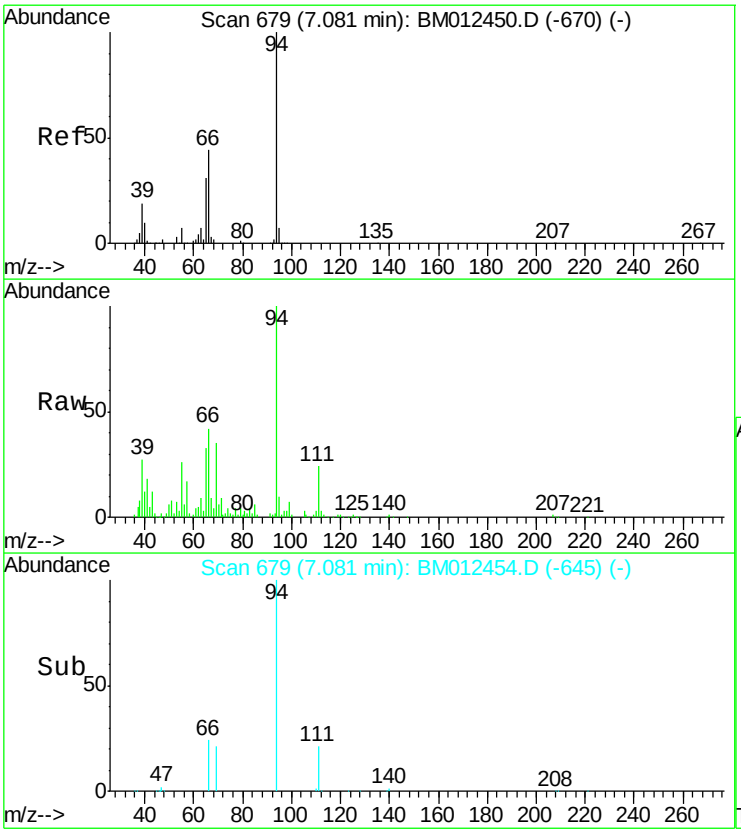
#4
Benzaldehyde
Concen: 6.94 ng/ul
RT: 7.03 min Scan# 671
Delta R.T. 0.01 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 144123

Ion	Ratio	Lower	Upper
77	100		
105	598.7	66.1	99.1#
106	59.4	67.8	101.6#

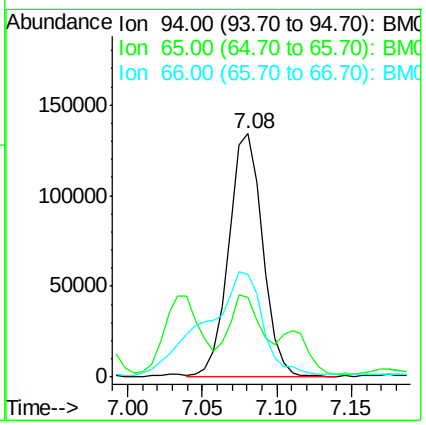


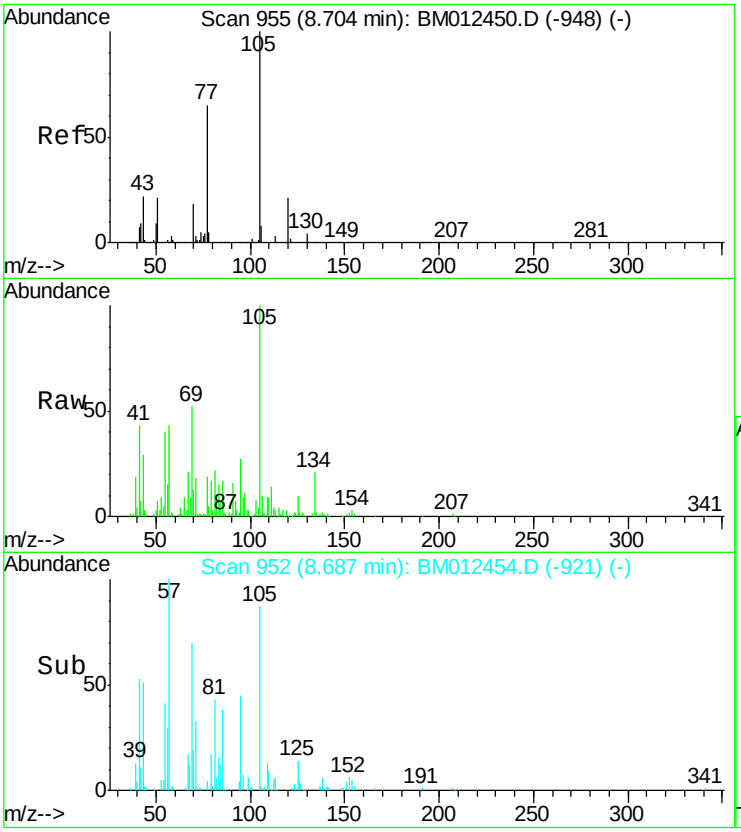


#6
Phenol
Concen: 5.33 ng/ul
RT: 7.08 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Tgt Ion: 94 Resp: 212011

Ion	Ratio	Lower	Upper
94	100		
65	32.9	28.2	42.4
66	42.5	47.2	70.8#



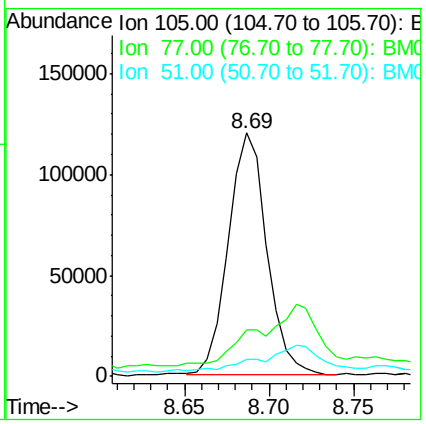


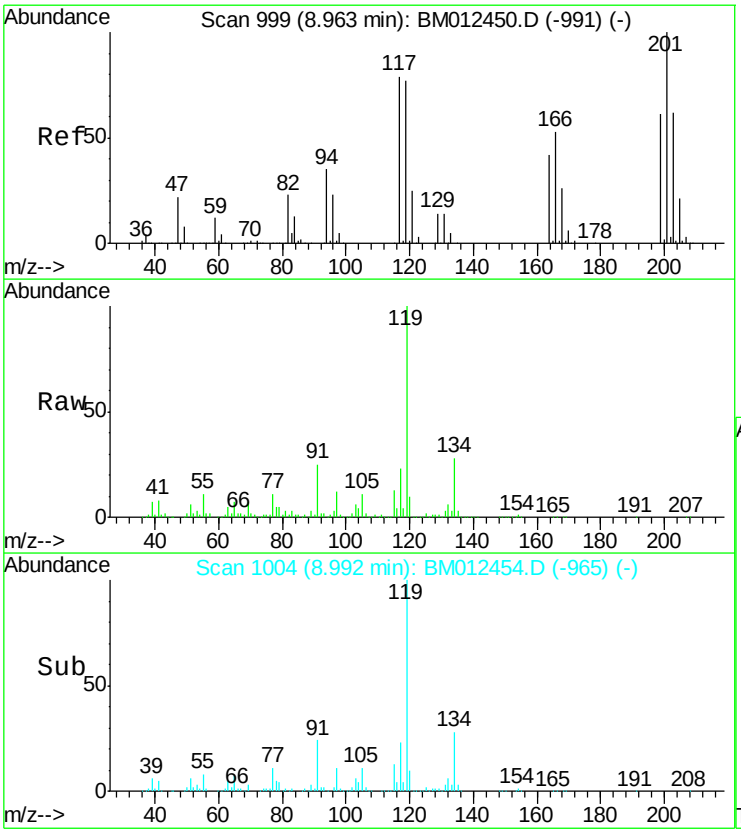
#14
Acetophenone
Concen: 3.68 ng/ul
RT: 8.69 min Scan# 952
Delta R.T. -0.02 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 188915

Ion	Ratio	Lower	Upper
105	100		
77	19.0	74.2	111.4#
51	6.8	23.4	35.2#

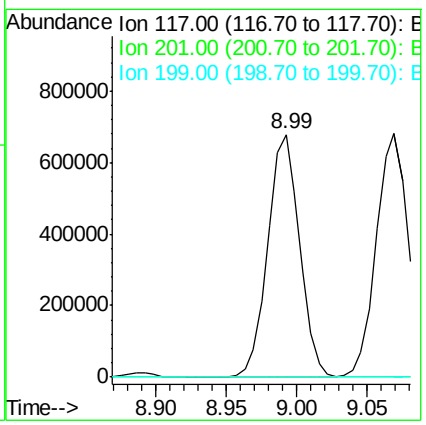


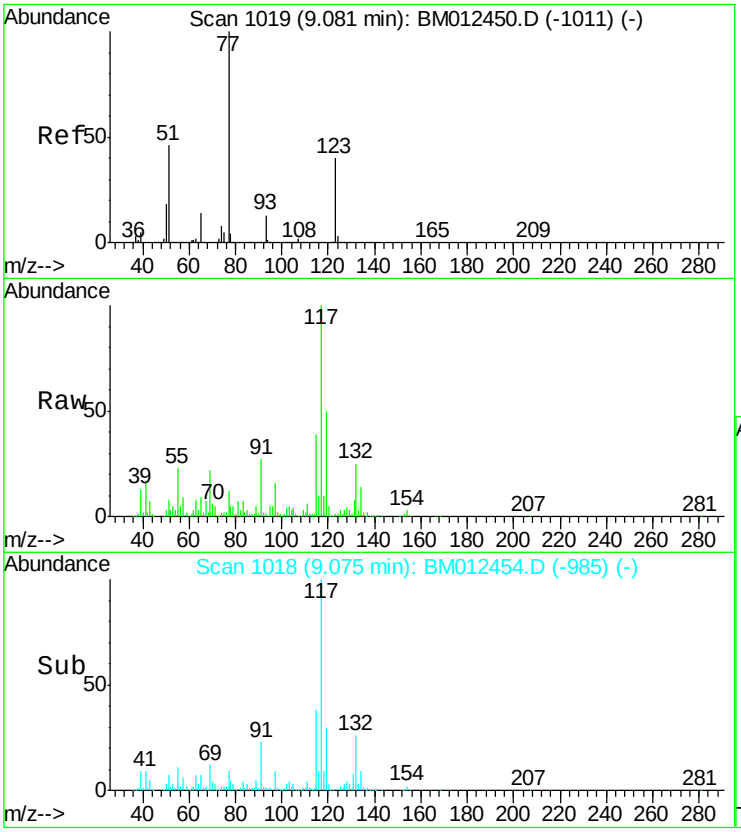


#17
Hexachloroethane
Concen: 86.23 ng/ul
RT: 8.99 min Scan# 1004
Delta R.T. 0.03 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Tgt Ion:117 Resp: 1069363

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



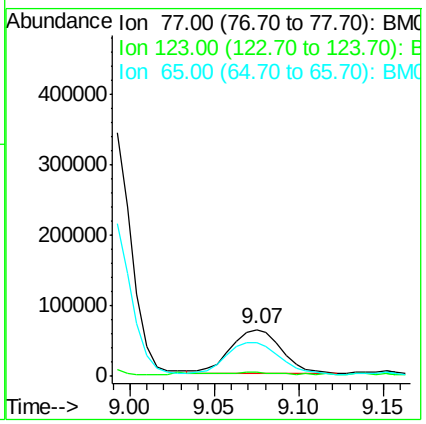


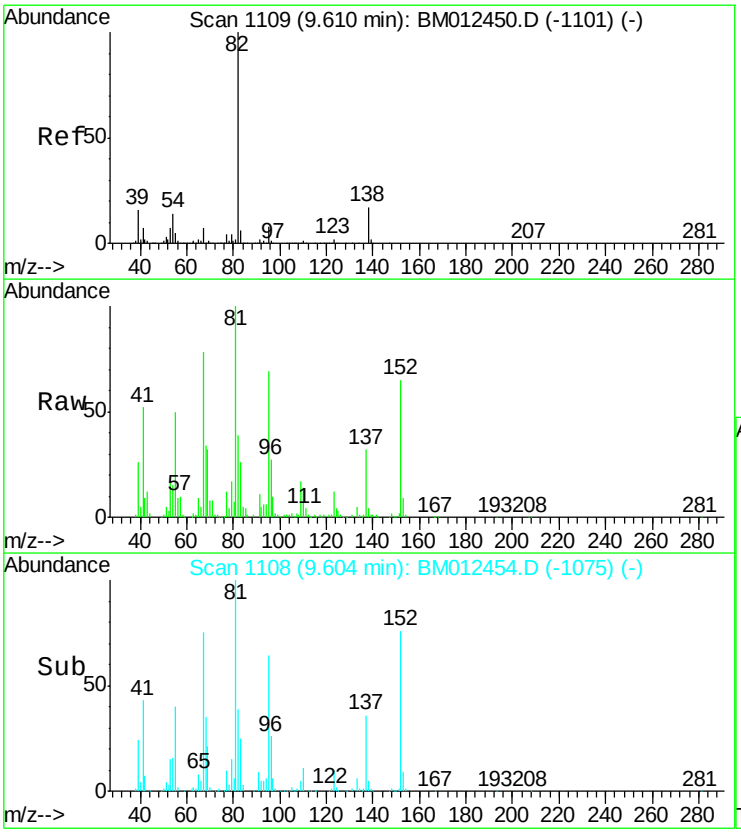
#20
Nitrobenzene
Concen: 3.74 ng/ul
RT: 9.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 128675

Ion	Ratio	Lower	Upper
77	100		
123	7.9	31.0	46.6#
65	72.7	12.2	18.2#

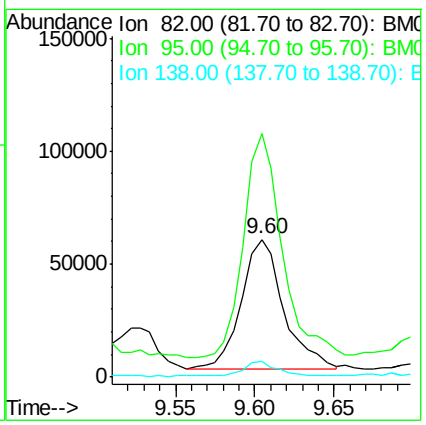


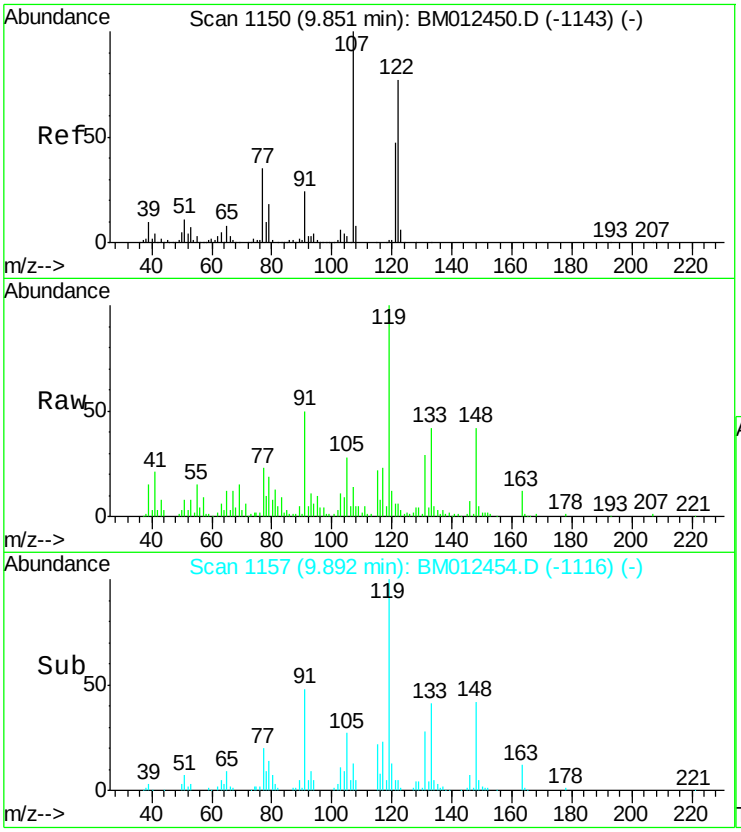


#21
Isophorone
Concen: 1.46 ng/ul
RT: 9.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Tgt Ion: 82 Resp: 106439

Ion	Ratio	Lower	Upper
82	100		
95	177.2	7.8	11.8#
138	11.1	11.9	17.9#



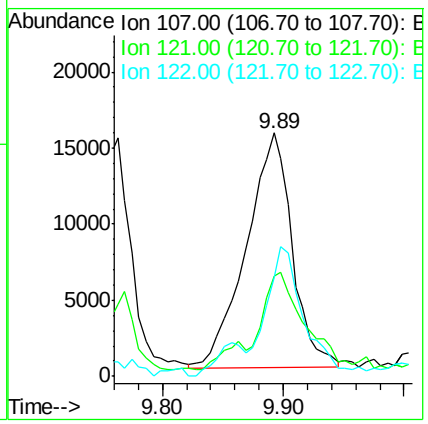


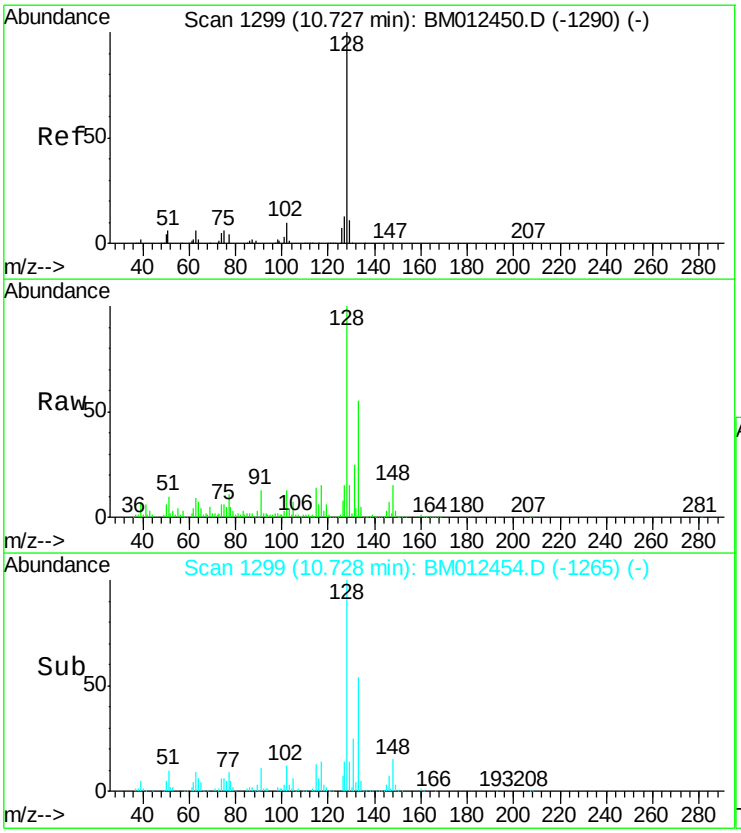
#24
2,4-Dimethylphenol
Concen: 1.05 ng/ul
RT: 9.89 min Scan# 1157
Delta R.T. 0.04 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 40434

Ion	Ratio	Lower	Upper
107	100		
121	41.0	31.9	47.9
122	40.5	57.8	86.6#

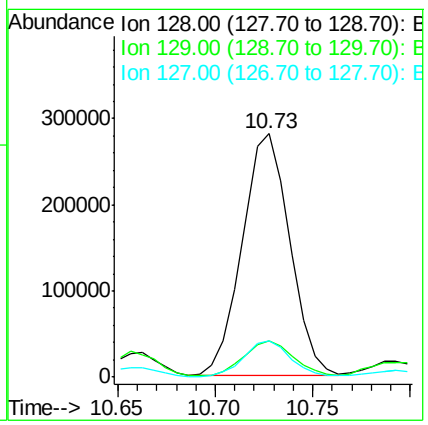


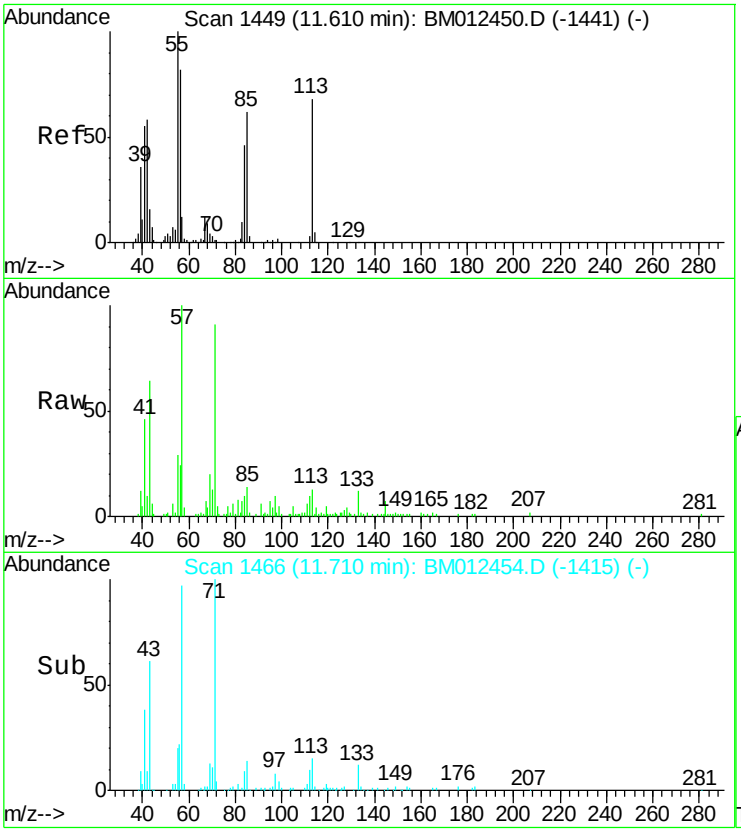


#28
Naphthalene
Concen: 5.03 ng/ul
RT: 10.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Tgt Ion:128 Resp: 475901

Ion	Ratio	Lower	Upper
128	100		
129	14.9	8.8	13.2#
127	14.8	10.6	16.0



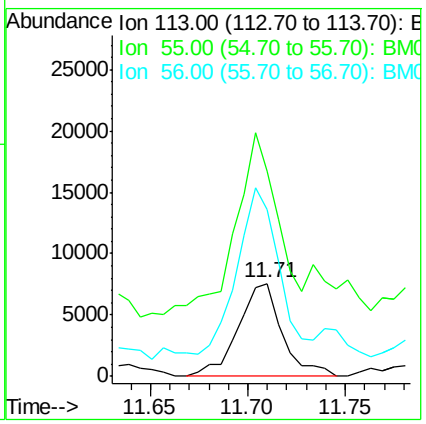


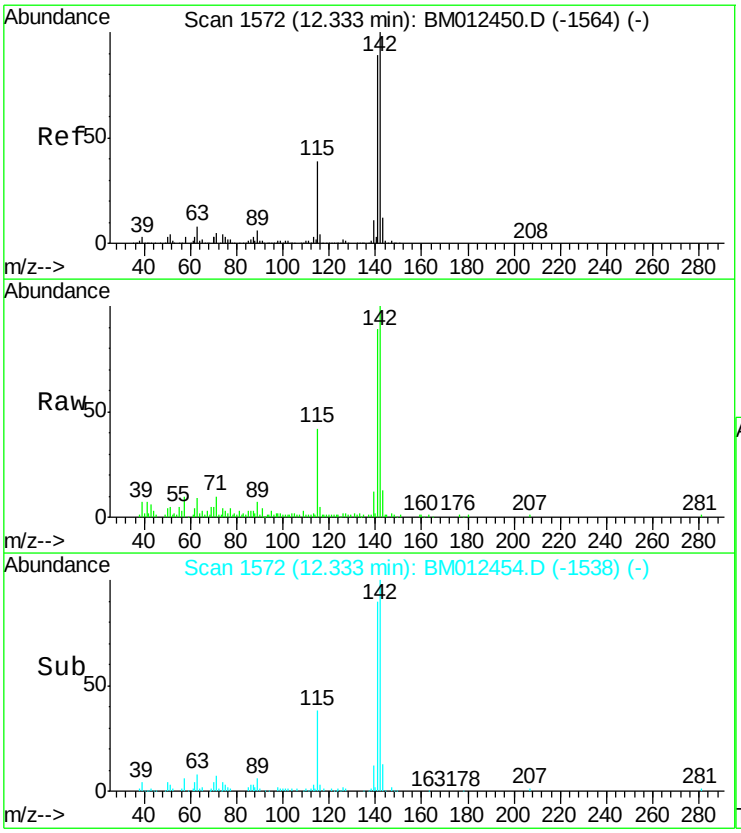
#32
Caprolactam
Concen: 1.15 ng/ul
RT: 11.71 min Scan# 1466
Delta R.T. 0.10 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 11826

Ion	Ratio	Lower	Upper
113	100		
55	221.0	208.0	312.0
56	179.0	160.0	240.0

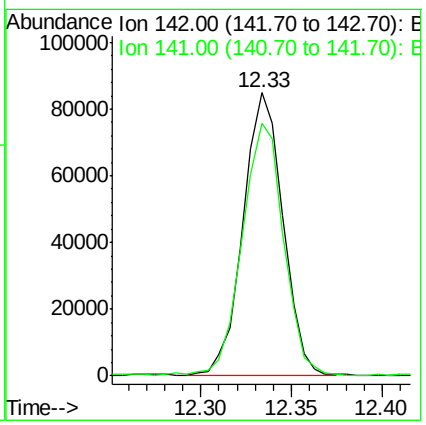


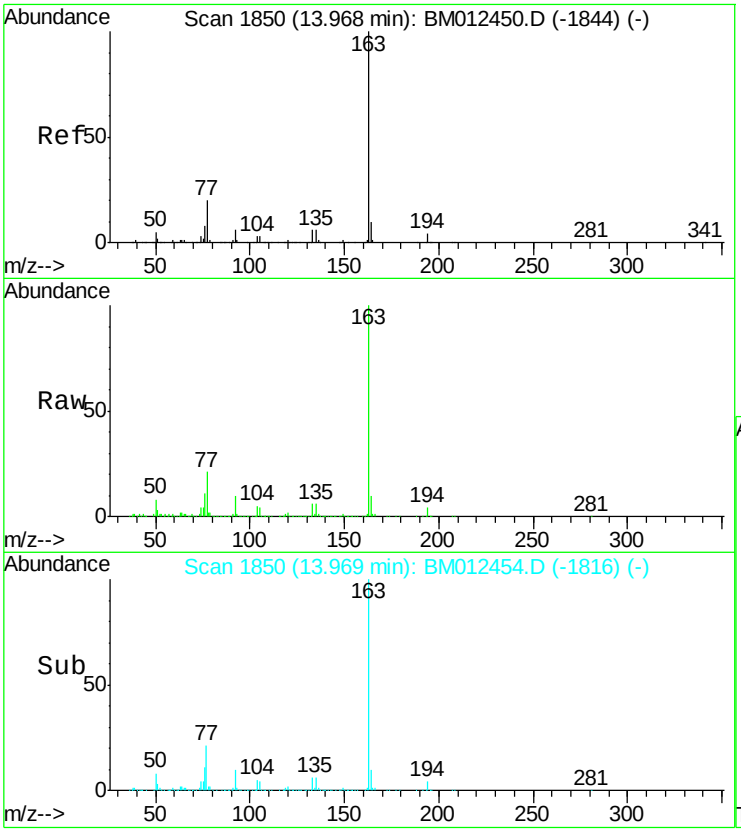


#34
2-Methylnaphthalene
Concen: 1.69 ng/ul
RT: 12.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Tgt Ion:142 Resp: 130210

Ion	Ratio	Lower	Upper
142	100		
141	89.4	74.1	111.1



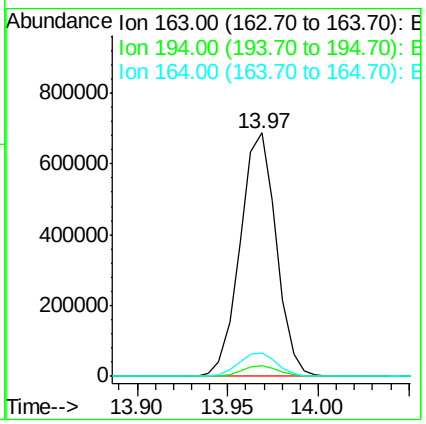


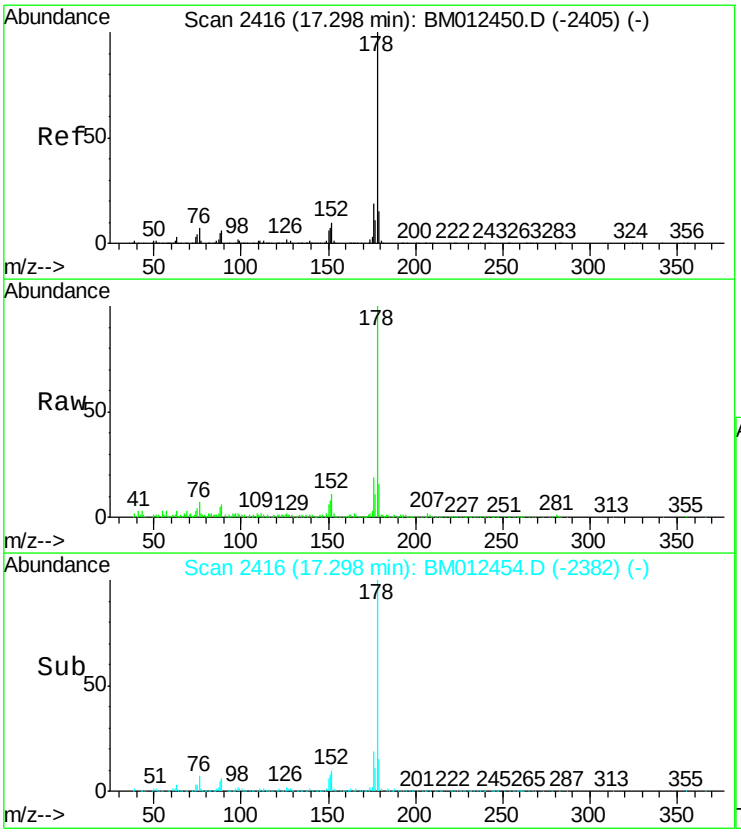
#44
Dimethylphthalate
Concen: 9.01 ng/ul
RT: 13.97 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 946566

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.9	8.2	12.4

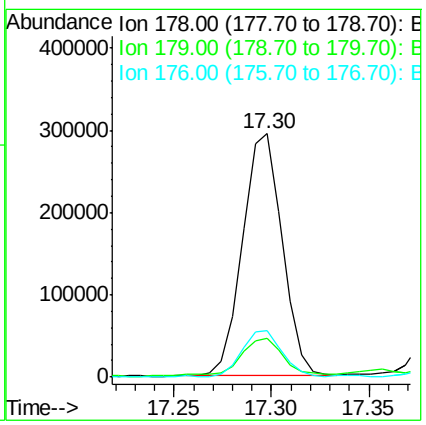


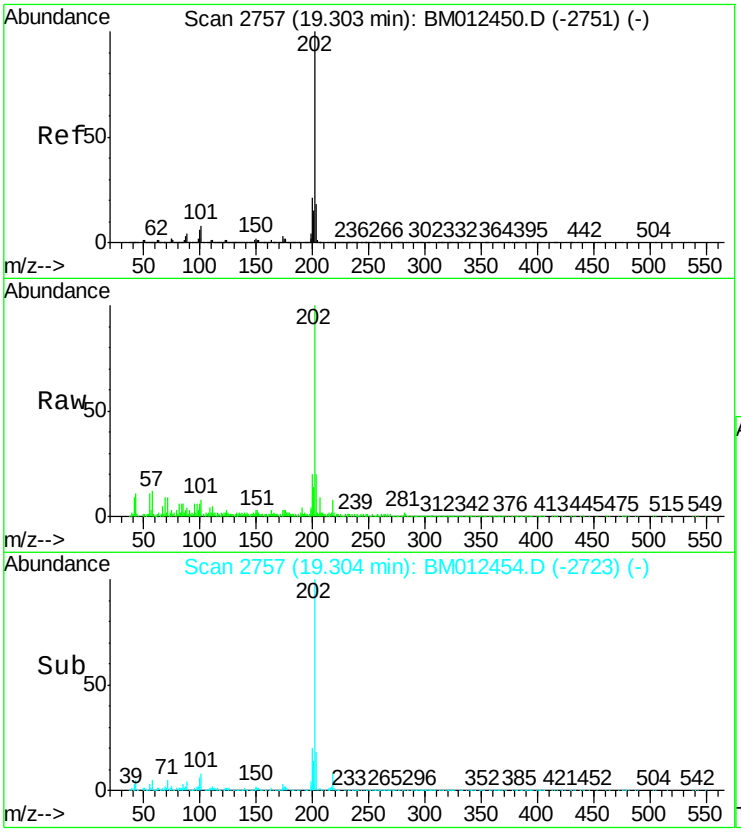


#69
Phenanthrene
Concen: 2.78 ng/ul
RT: 17.30 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Tgt Ion:178 Resp: 413065

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	18.8	14.9	22.3



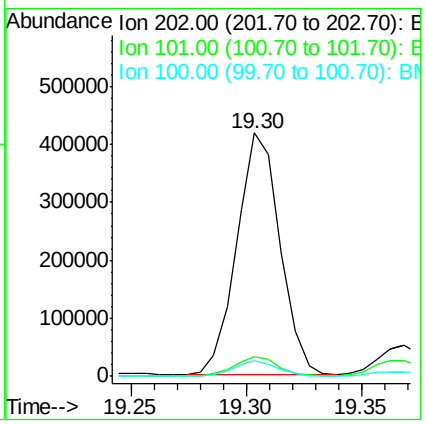


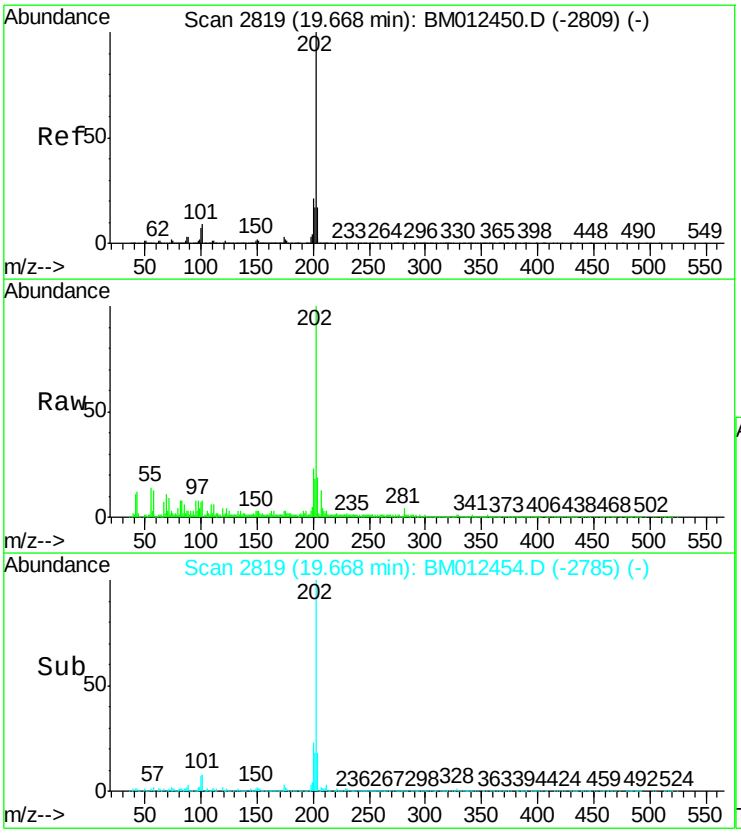
#74
Fluoranthene
Concen: 3.24 ng/ul
RT: 19.30 min Scan# 2757
Delta R.T. 0.00 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 544265

Ion	Ratio	Lower	Upper
202	100		
101	8.0	4.6	7.0#
100	6.3	3.4	5.2#

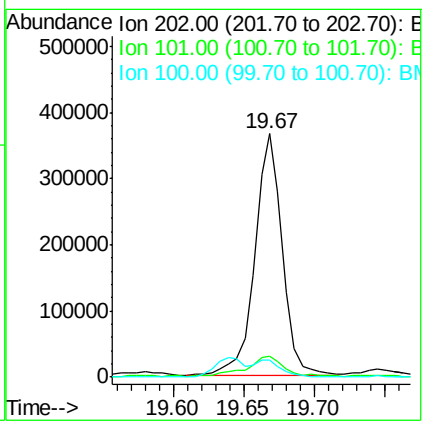


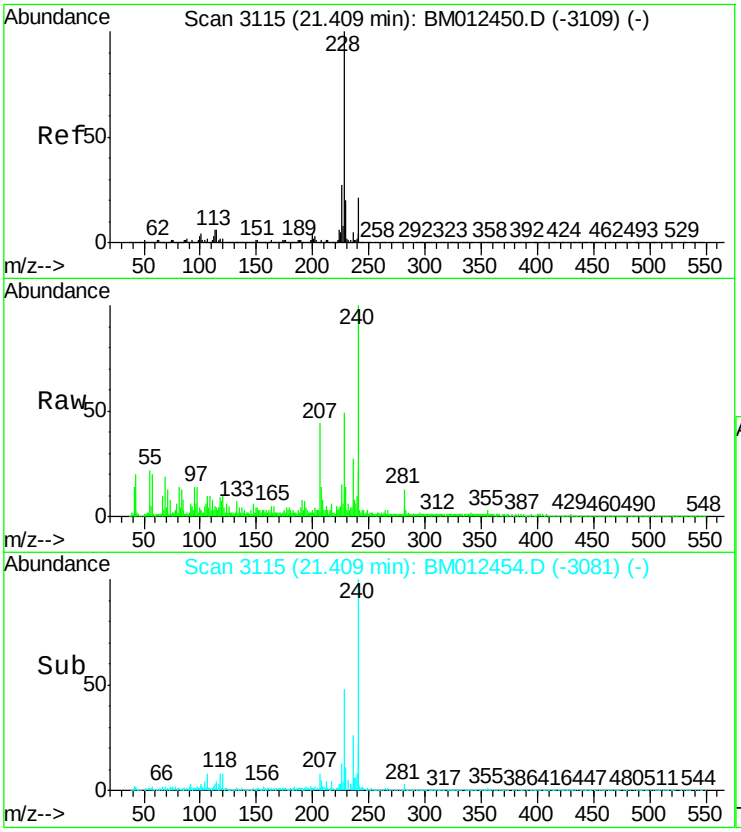


#77
Pyrene
Concen: 3.98 ng/ul
RT: 19.67 min Scan# 2819
Delta R.T. 0.00 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Tgt Ion:202 Resp: 495706

Ion	Ratio	Lower	Upper
202	100		
101	8.4	5.1	7.7#
100	7.2	4.9	7.3



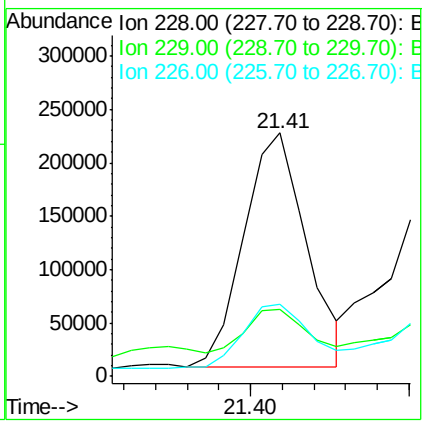


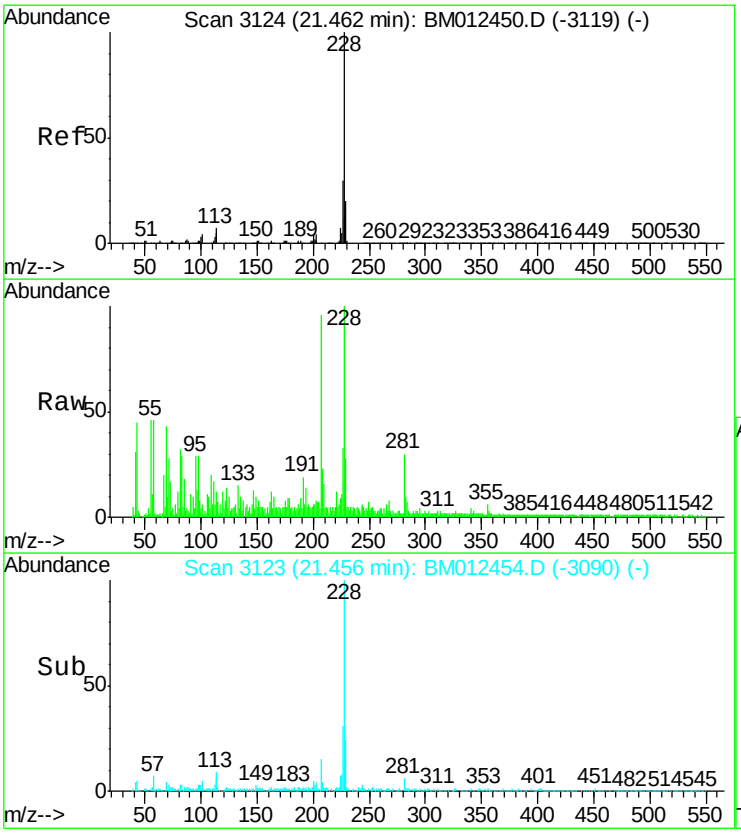
#80
Benzo(a)anthracene
Concen: 2.30 ng/ul
RT: 21.41 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 301324

Ion	Ratio	Lower	Upper
228	100		
229	27.7	15.4	23.0#
226	29.8	21.4	32.0

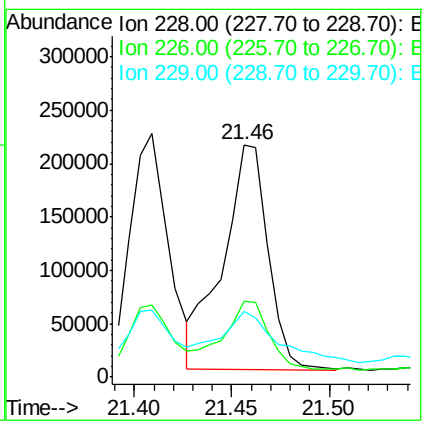


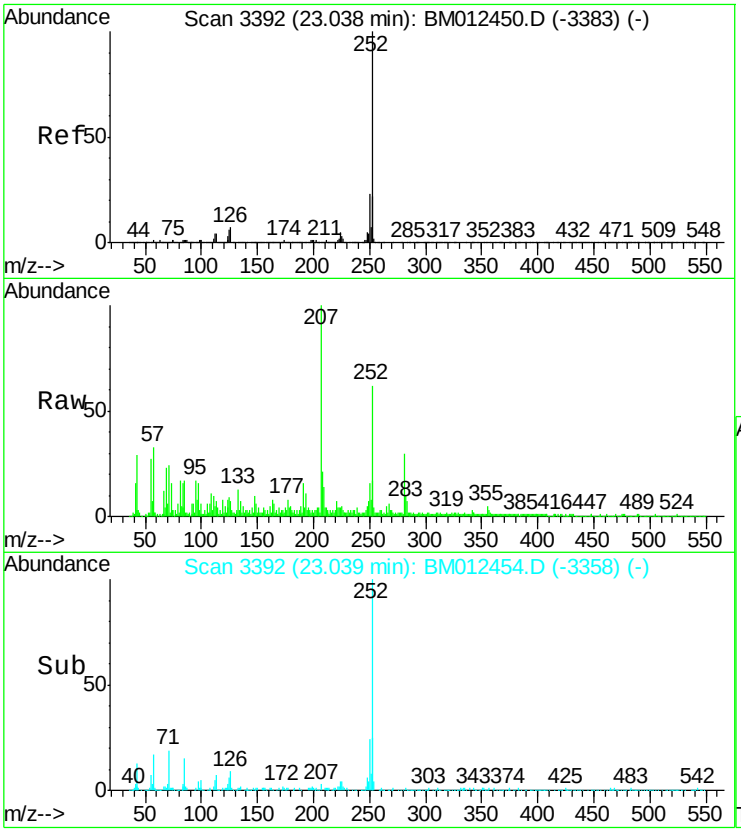


#82
Chrysene
Concen: 2.91 ng/ul
RT: 21.46 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Tgt Ion:228 Resp: 339081

Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.4	35.2
229	28.4	15.5	23.3#



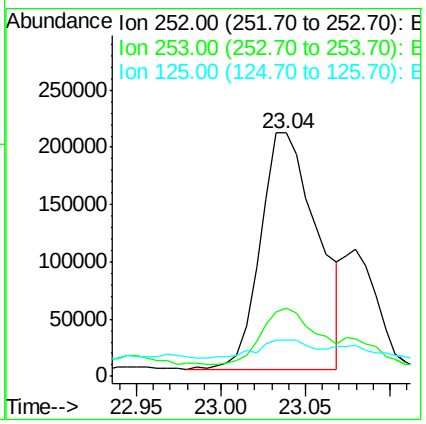


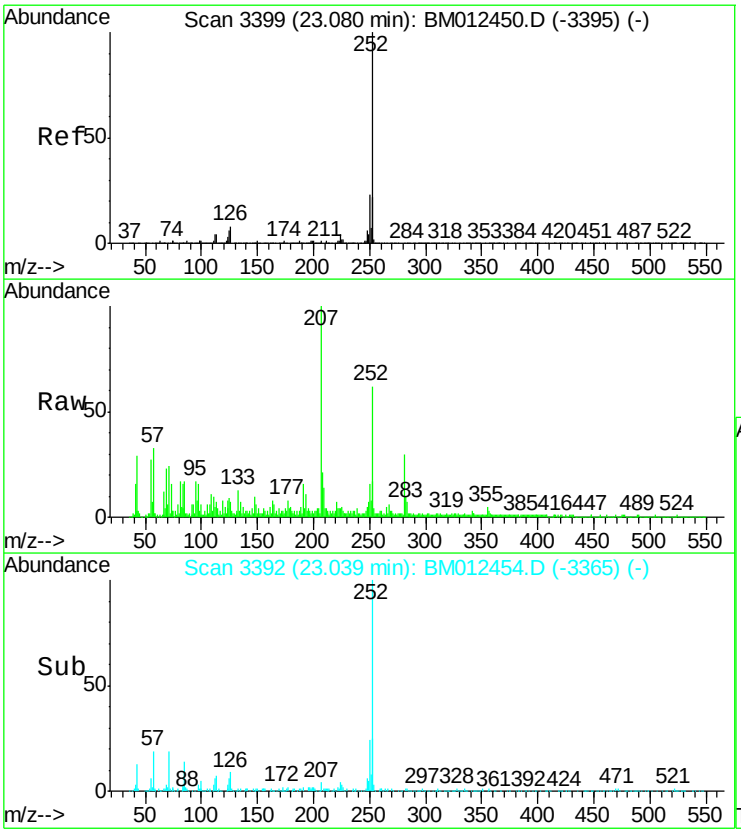
#85
Benzo(b)fluoranthene
Concen: 3.54 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. 0.00 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 481571

Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.9	26.9#
125	14.7	3.6	5.4#

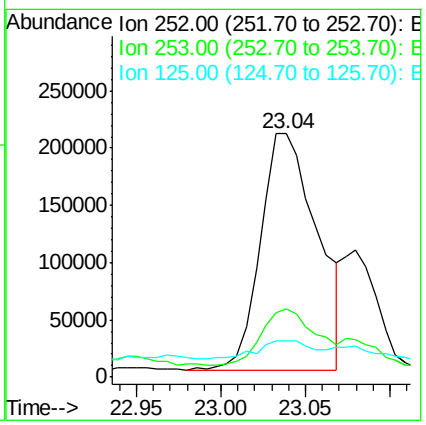


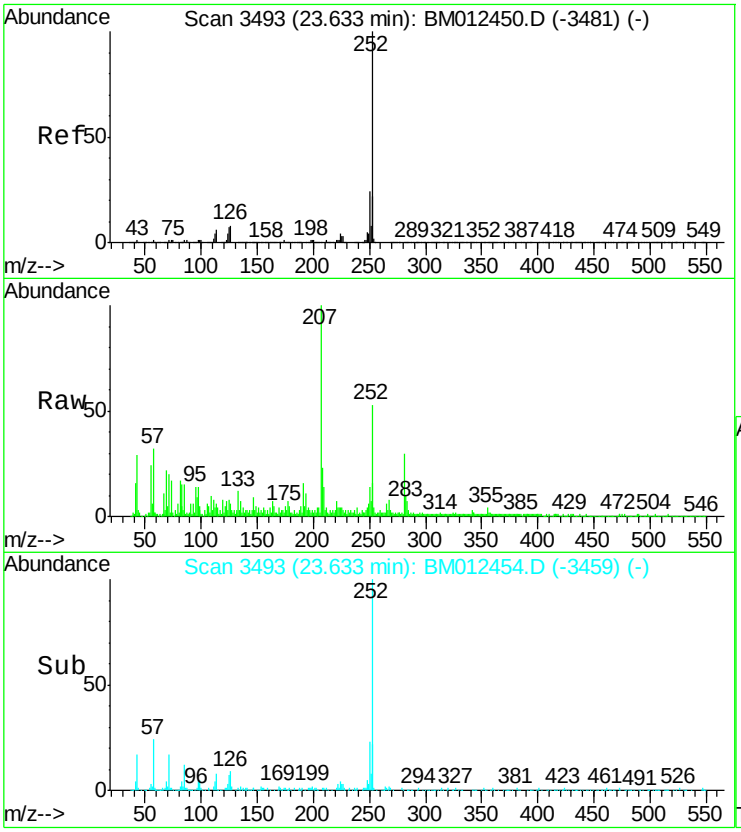


#86
Benzo(k)fluoranthene
Concen: 3.76 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. -0.04 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Tgt Ion:252 Resp: 481571

Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.1	25.7#
125	14.7	3.4	5.2#



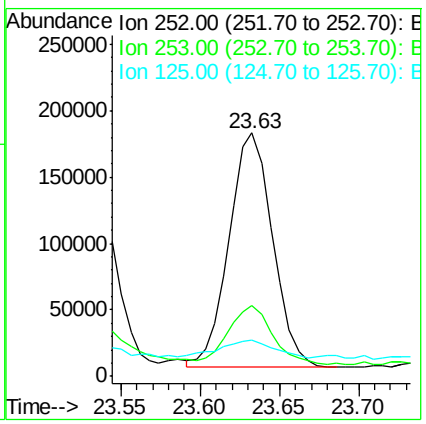


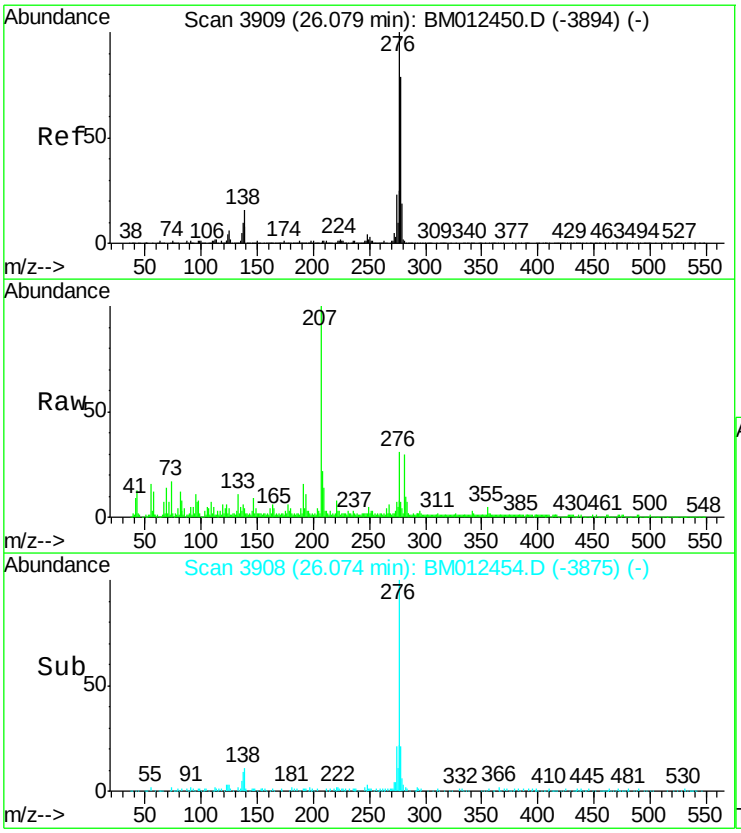
#88
Benzo(a)pyrene
Concen: 2.60 ng/ul
RT: 23.63 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 336996

Ion	Ratio	Lower	Upper
252	100		
253	29.1	18.2	27.2#
125	15.1	4.0	6.0#

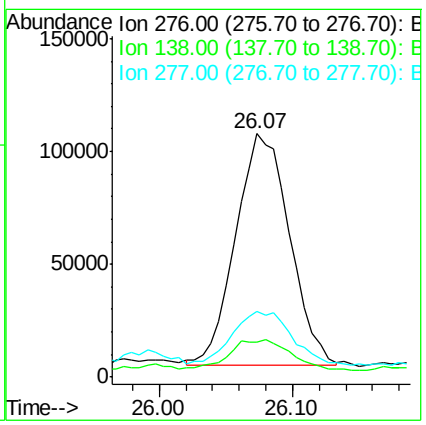


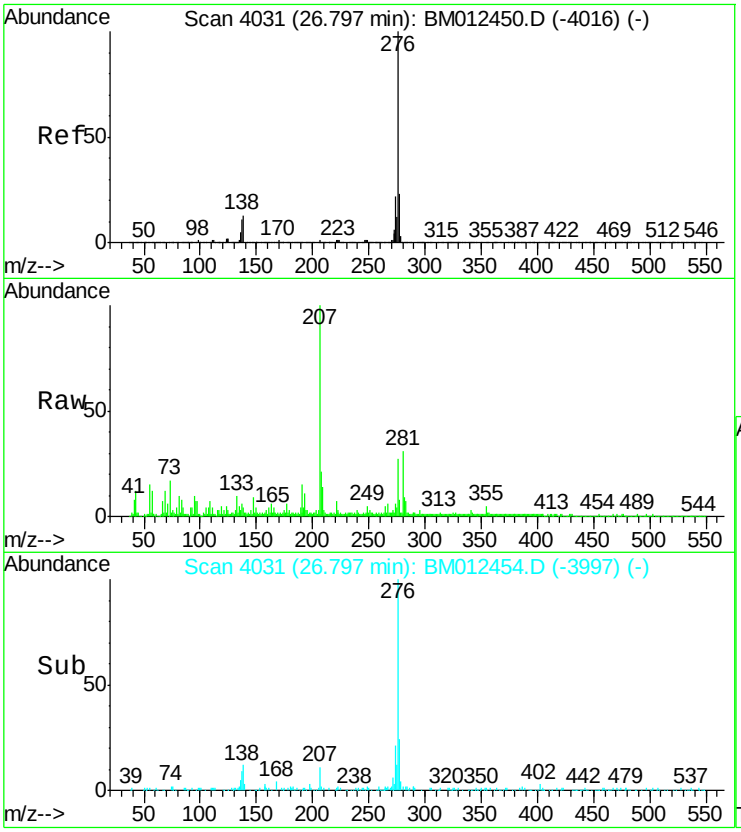


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.87 ng/ul
RT: 26.07 min Scan# 3908
Delta R.T. -0.01 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Tgt Ion:276 Resp: 285373

Ion	Ratio	Lower	Upper
276	100		
138	14.3	9.3	13.9#
277	27.1	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 2.15 ng/ul
RT: 26.80 min Scan# 4031
Delta R.T. 0.00 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 265176

Ion	Ratio	Lower	Upper
276	100		
138	14.5	8.5	12.7#
277	28.4	18.6	28.0#