Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002826.D
Acq On : 02 Oct 2015 04:40
Operator : UM/IZ
Sample : G3798-24MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G67MS

Quant Time: Oct 02 06:04:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 05:57:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	77172	20.00	ng/ul	0.00
18) Naphthalene-d8	11.55	136	331647	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.28	164	166520	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.00	188	337334	20.00	ng/ul	0.00
78) Chrysene-d12	22.08	240	337907	20.00	ng/ul	0.00
86) Perylene-d12	24.67	264	349186	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.76	96	4126	2.48	ng/uL	0.00
5) Phenol-d5	7.81	99	81096	13.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.97	67	44269	13.46	ng/ul	0.00
9) 2-Chlorophenol-d4	8.20	132	74211	13.63	ng/ul	0.00
13) 4-Methylphenol-d8	9.39	113	65958	13.68	ng/ul	0.00
19) Nitrobenzene-d5	9.88	128	33485	13.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.61	143	34022	12.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.16	165	60267	12.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.67	131	62733	11.17	ng/ul	0.00
44) Dimethylphthalate-d6	14.66	166	175965	14.05	ng/ul	0.00
47) Acenaphthylene-d8	14.99	160	226642	13.56	ng/ul	0.00
52) 4-Nitrophenol-d4	15.46	143	20377	9.16	ng/ul	0.00
58) Fluorene-d10	16.26	176	150580	13.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.38	200	6633	4.03	ng/ul	0.00
71) Anthracene-d10	18.09	188	219643	13.64	ng/ul	0.00
79) Pyrene-d10	20.33	212	223787	14.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.50	264	253707	14.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	10555	5.74	ng/uL#	1
6) Phenol	7.83	94	77379	12.80	ng/ul	99
10) 2-Chlorophenol	8.24	128	67931	12.30	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.49	70	39823	11.68	ng/ul	96
33) 4-Chloro-3-methylphenol	12.77	107	57674	12.26	ng/ul	98
45) Dimethylphthalate	14.71	163	144891	11.38	ng/ul	100
48) Acenaphthylene	15.02	152	20790	1.18	ng/ul	98
50) Acenaphthene	15.34	153	161046	13.83	ng/ul	99
53) 4-Nitrophenol	15.47	109	11277	8.95	ng/ul	98
54) Dibenzofuran	15.67	168	36776	2.33	ng/ul	100
55) 2,4-Dinitrotoluene	15.63	165	40789	11.08	ng/ul	97
59) Fluorene	16.31	166	53709	4.15	ng/ul	99
69) Pentachlorophenol	17.64	266	9504	6.23	ng/ul	98
70) Phenanthrene	18.04	178	1343867	68.87	ng/ul	99
72) Anthracene	18.13	178	206230	10.38	ng/ul	98
75) Carbazole	18.39	167	160553	9.26	ng/ul	99
77) Fluoranthene	20.00	202	2644244	131.24	ng/ul	100
80) Pyrene	20.36	202	2330460	108.58	ng/ul	97
81) Butylbenzylphthalate	21.16	149	9796	1.01	ng/ul	95
83) Benzo(a)anthracene	22.07	228	989246	49.25	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.90	149	43903	3.03	ng/ul#	99
85) Chrysene	22.12	228	1111593	58.67	ng/ul	96
88) Benzo(b)fluoranthene	23.88	252	1475918	70.36	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002826.D
Acq On : 02 Oct 2015 04:40
Operator : UM/IZ
Sample : G3798-24MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G67MS

Quant Time: Oct 02 06:04:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 05:57:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	23.88	252	340070	17.12	ng/ul	97
91) Benzo(a)pyrene	24.56	252	961760	47.73	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.40	276	738846	31.43	ng/ul#	91
93) Dibenzo(a,h)anthracene	27.38	278	178501	8.99	ng/ul#	88
94) Benzo(g,h,i)perylene	28.24	276	673274	34.02	ng/ul	98

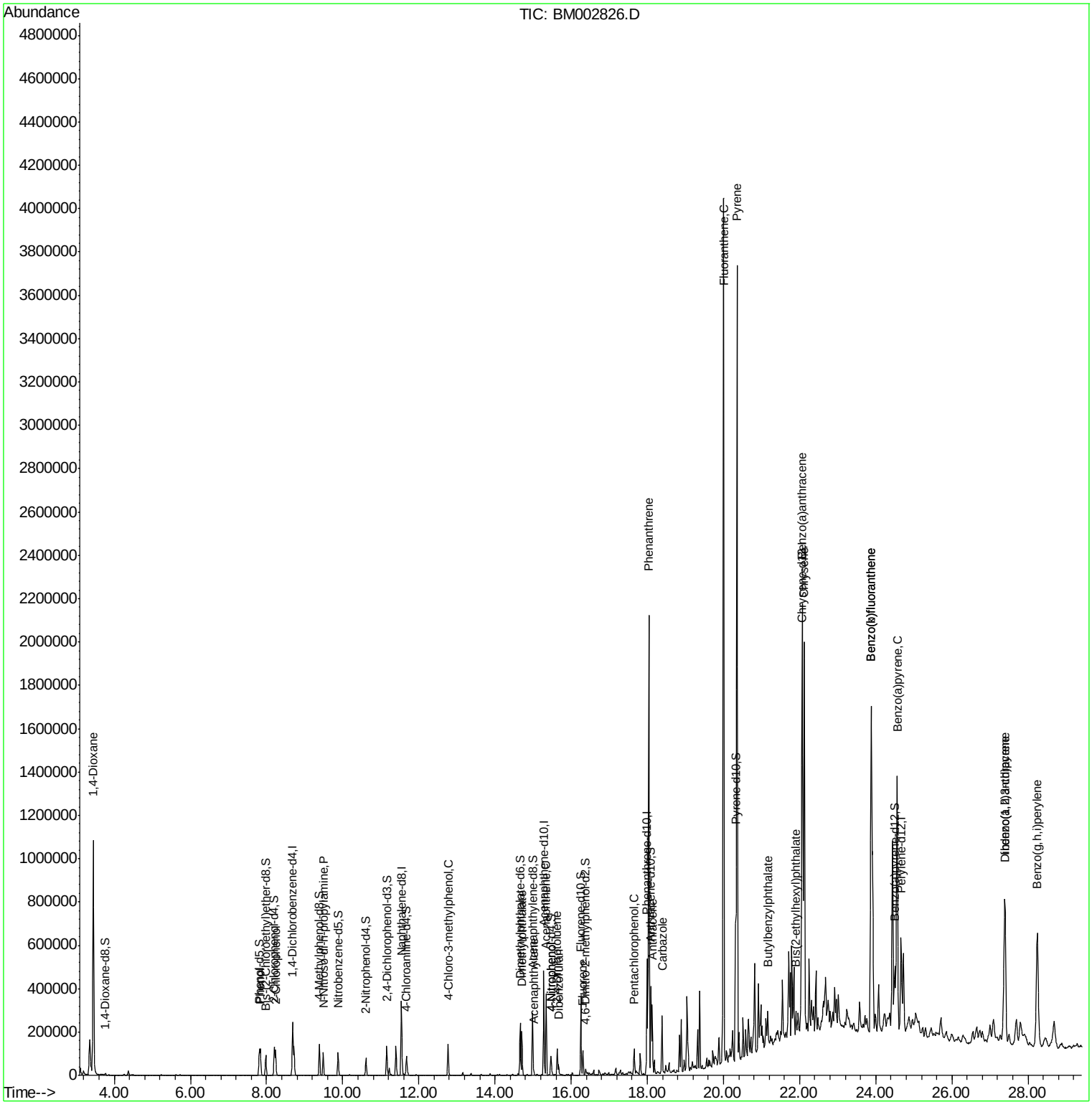
(#) = qualifier out of range (m) = manual integration (+) = signals summed

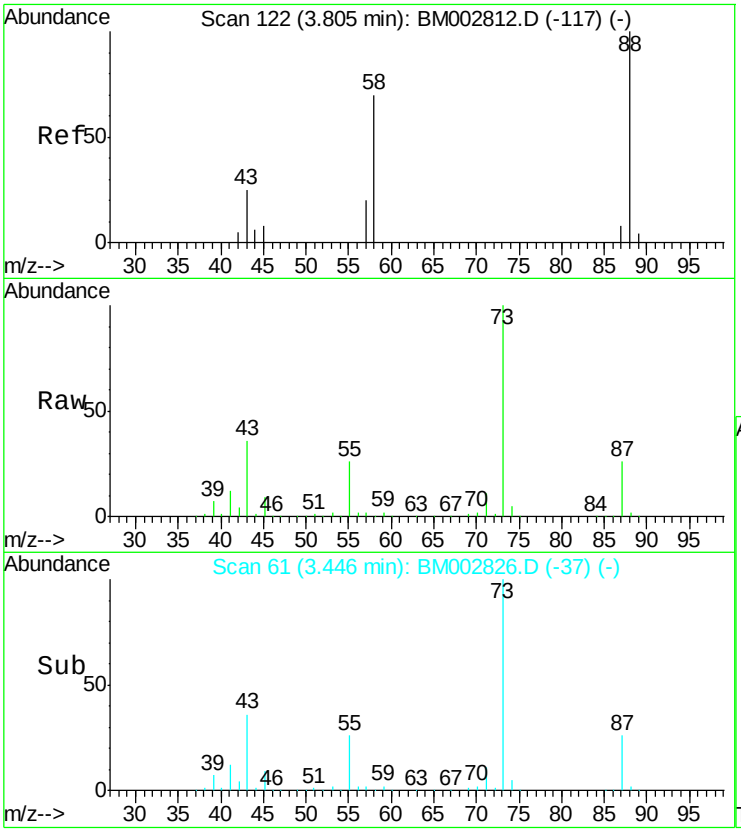
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002826.D
Acq On : 02 Oct 2015 04:40
Operator : UM/IZ
Sample : G3798-24MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9G67MS

Quant Time: Oct 02 06:04:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 05:57:21 2015
Response via : Initial Calibration



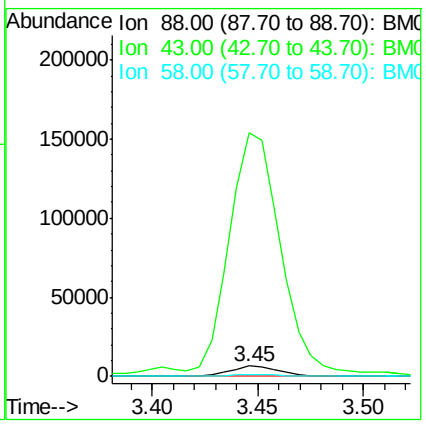


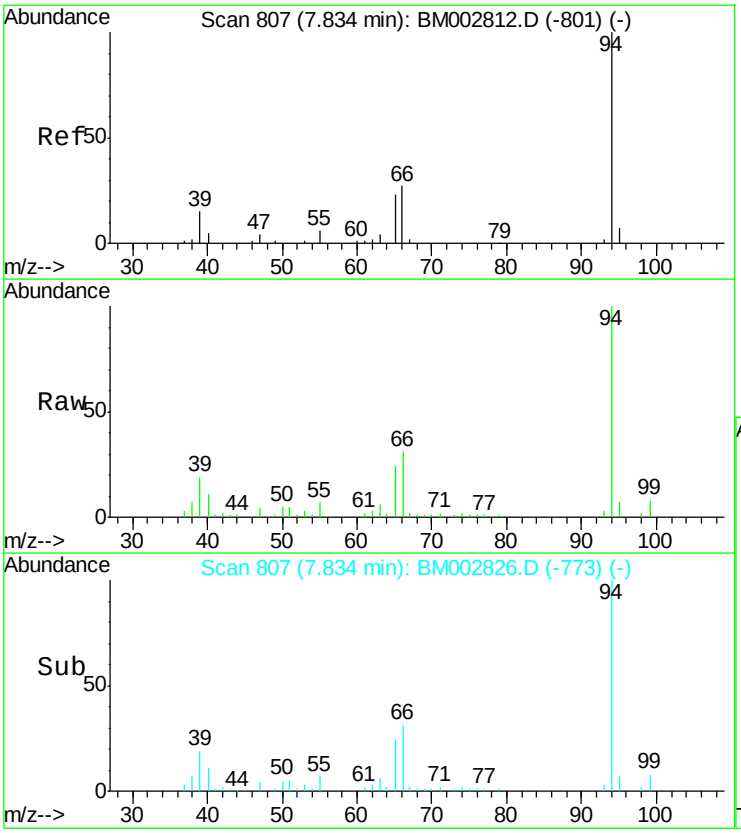
#2
1,4-Dioxane
Concen: 5.74 ng/uL
RT: 3.45 min Scan# 61
Delta R.T. -0.36 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Instrument :
BNA_M
ClientSampleId :
D9G67MS

Tgt Ion: 88 Resp: 10555

Ion	Ratio	Lower	Upper
88	100		
43	2384.4	26.2	39.4#
58	21.2	58.5	87.7#

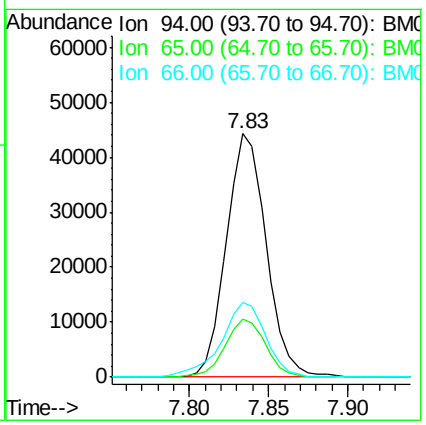


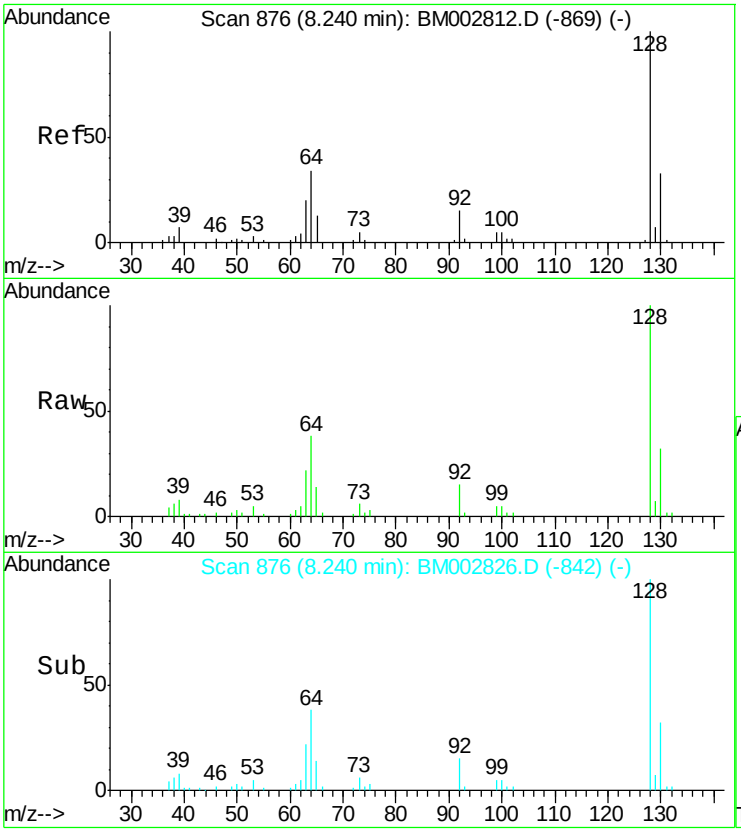


#6
Phenol
Concen: 12.80 ng/ul
RT: 7.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Tgt Ion: 94 Resp: 77379

Ion	Ratio	Lower	Upper
94	100		
65	23.7	19.4	29.2
66	30.9	25.2	37.8



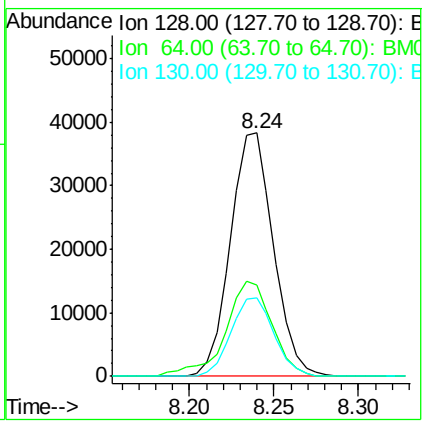


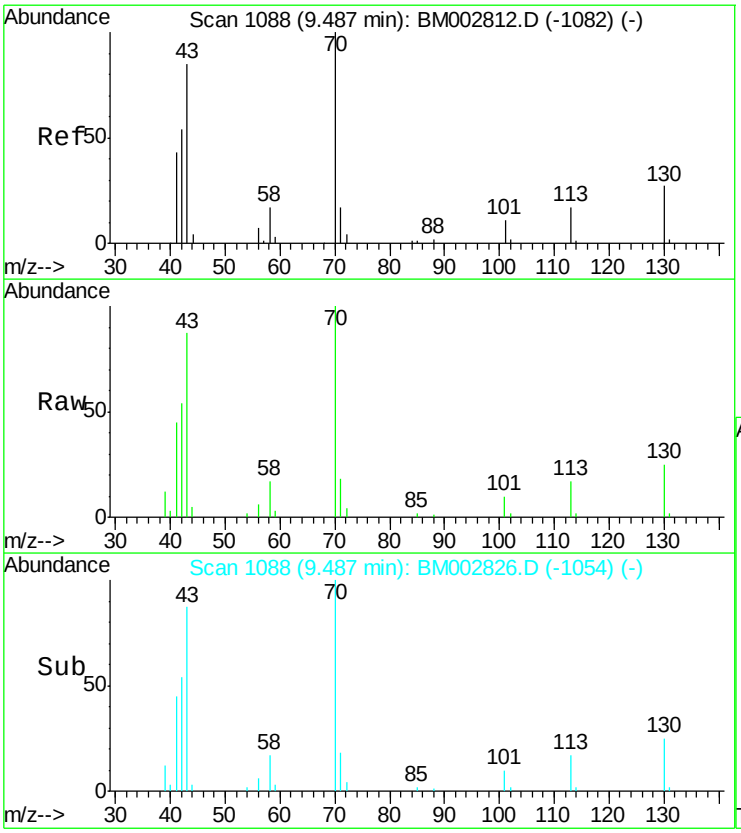
#10
2-Chlorophenol
Concen: 12.30 ng/ul
RT: 8.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Instrument :
BNA_M
ClientSampleId :
D9G67MS

Tgt Ion:128 Resp: 67931

Ion	Ratio	Lower	Upper
128	100		
64	37.6	32.1	48.1
130	32.3	25.8	38.6

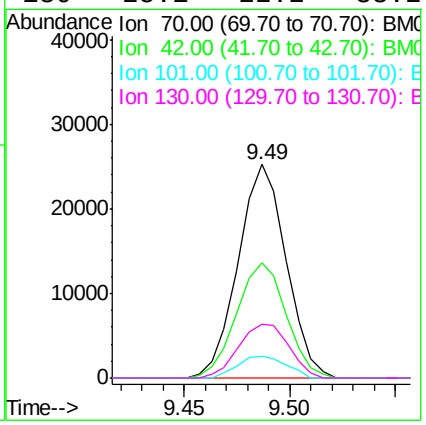


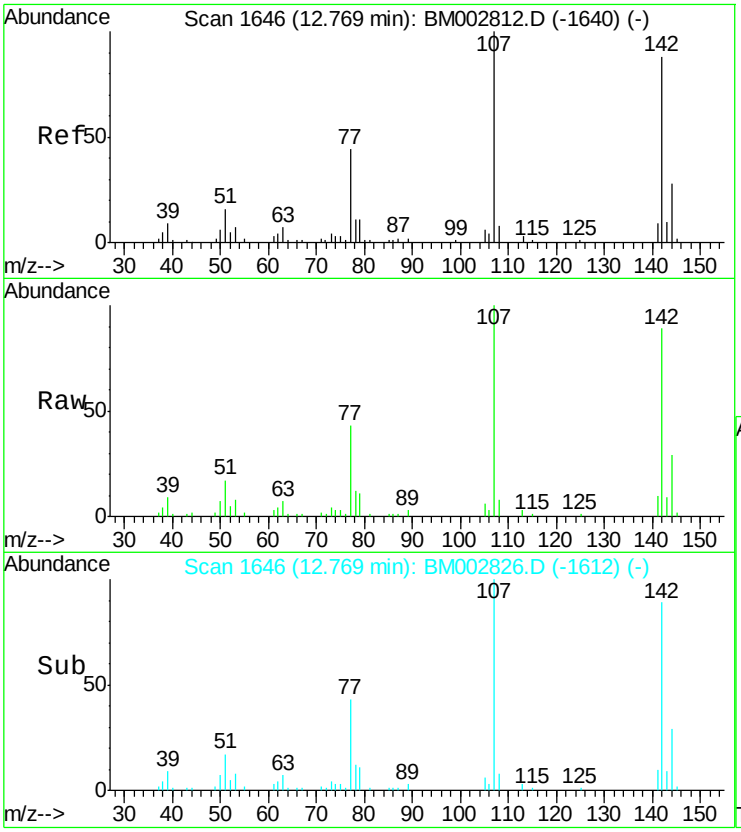


#15
N-Nitroso-di-n-propylamine
Concen: 11.68 ng/ul
RT: 9.49 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Tgt Ion: 70 Resp: 39823

Ion	Ratio	Lower	Upper
70	100		
42	54.1	45.2	67.8
101	10.0	9.1	13.7
130	25.1	22.2	33.2



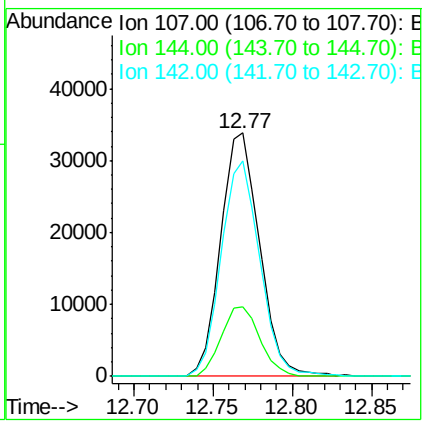


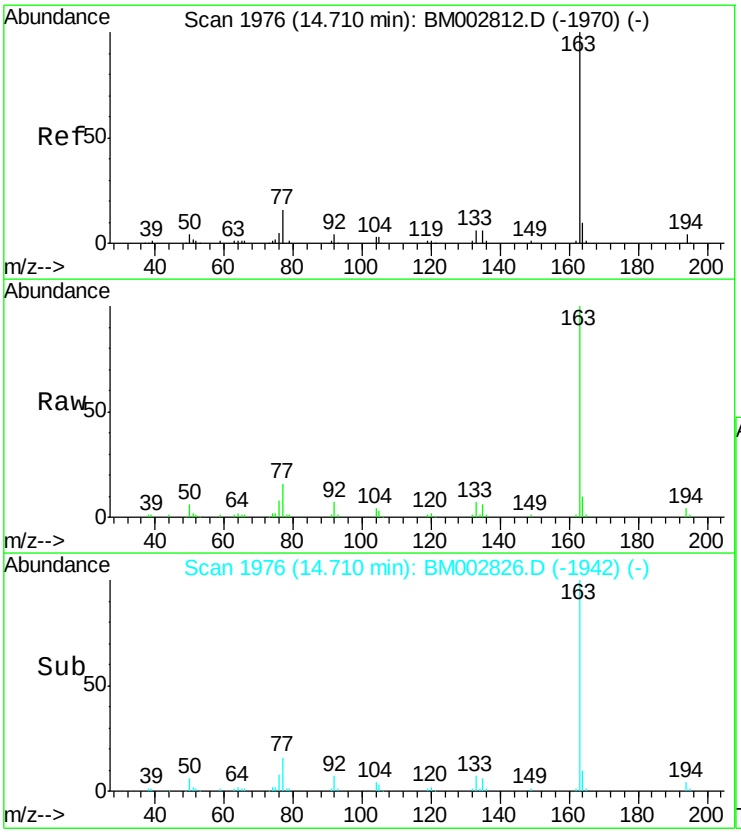
#33
4-Chloro-3-methylphenol
Concen: 12.26 ng/ul
RT: 12.77 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Instrument :
BNA_M
ClientSampleId :
D9G67MS

Tgt Ion:107 Resp: 57674

Ion	Ratio	Lower	Upper
107	100		
144	28.7	21.9	32.9
142	88.6	69.8	104.8

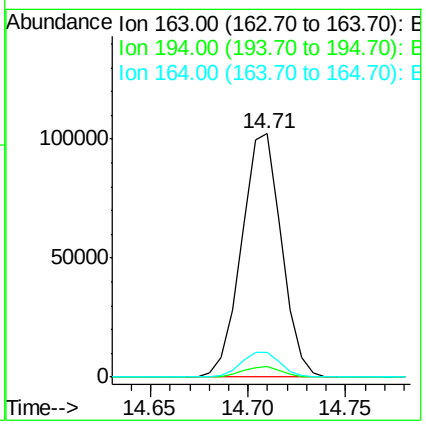


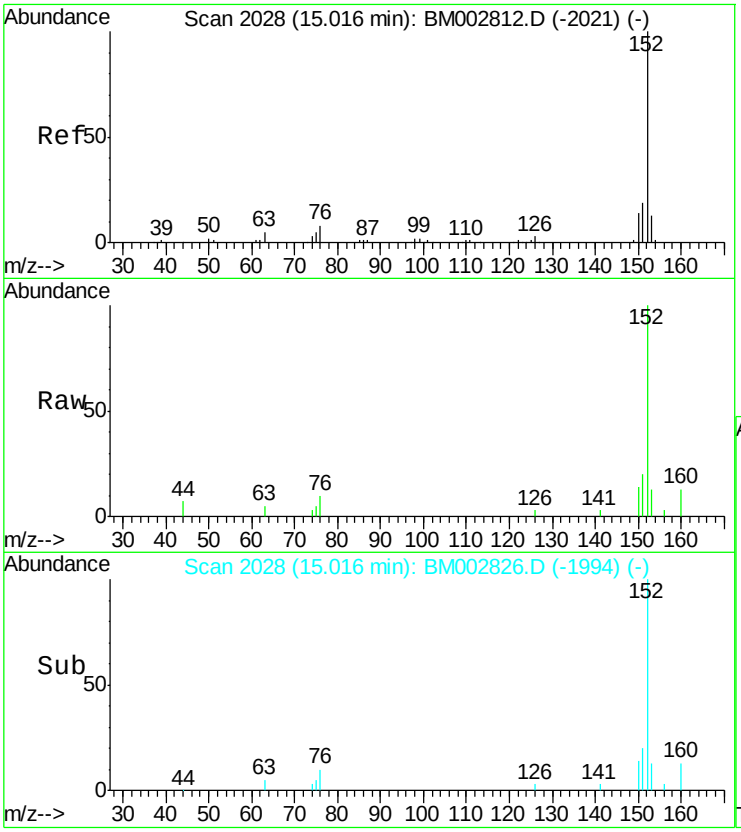


#45
Dimethylphthalate
Concen: 11.38 ng/ul
RT: 14.71 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Tgt Ion:163 Resp: 144891

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	10.1	8.1	12.1



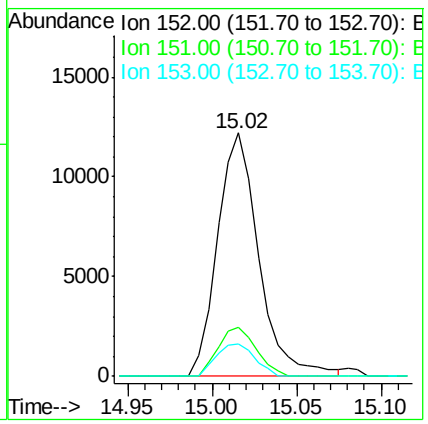


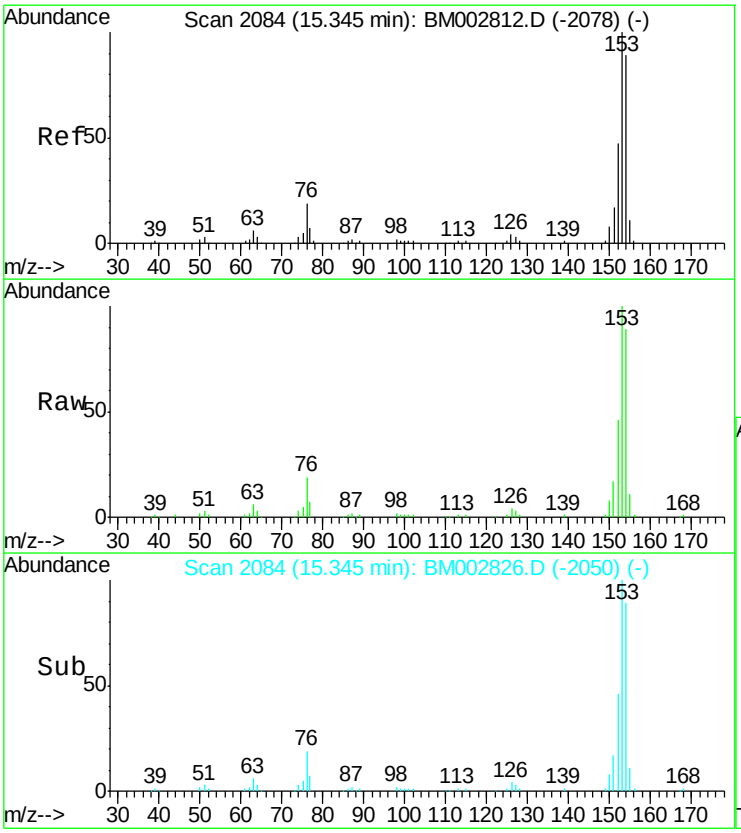
#48
Acenaphthylene
Concen: 1.18 ng/ul
RT: 15.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Instrument :
BNA_M
ClientSampleId :
D9G67MS

Tgt Ion:152 Resp: 20790

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.6	23.4
153	13.4	10.4	15.6

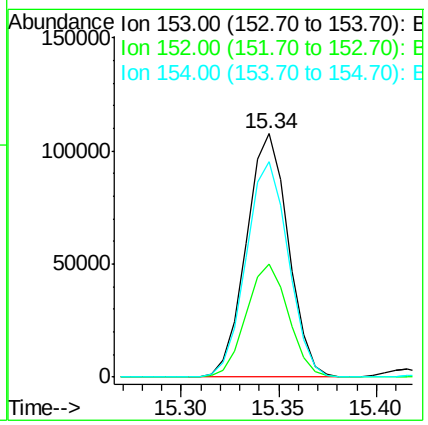


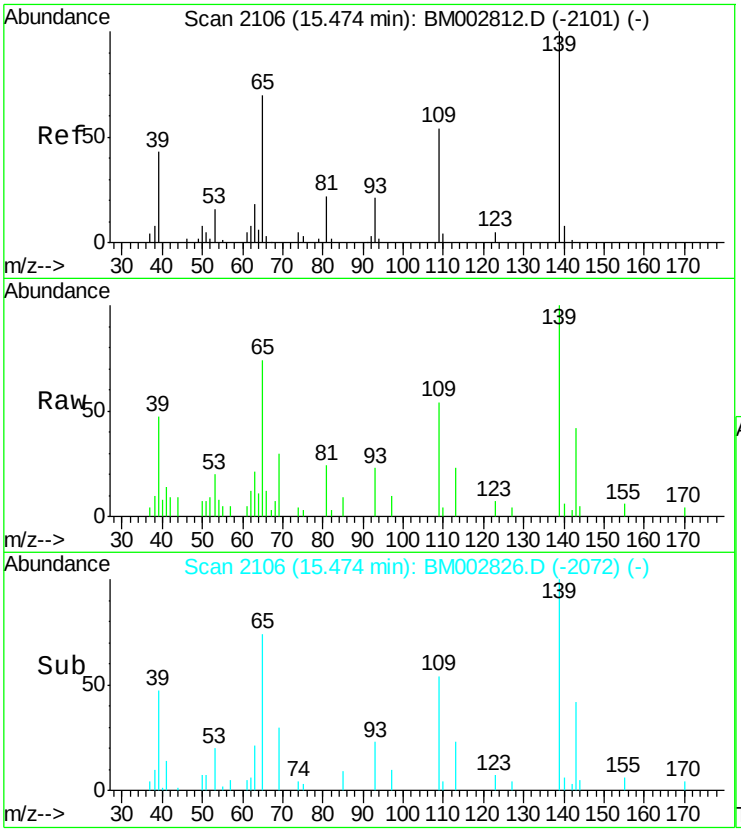


#50
Acenaphthene
Concen: 13.83 ng/ul
RT: 15.34 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Tgt Ion:153 Resp: 161046

Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.2	55.8
154	88.5	71.9	107.9



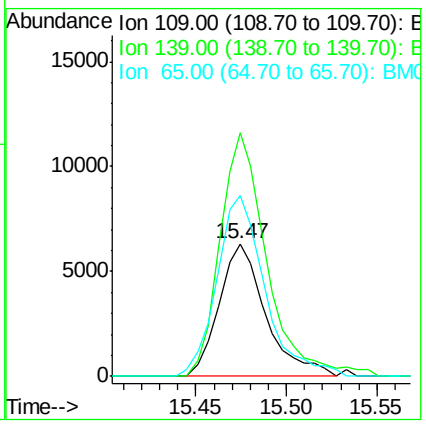


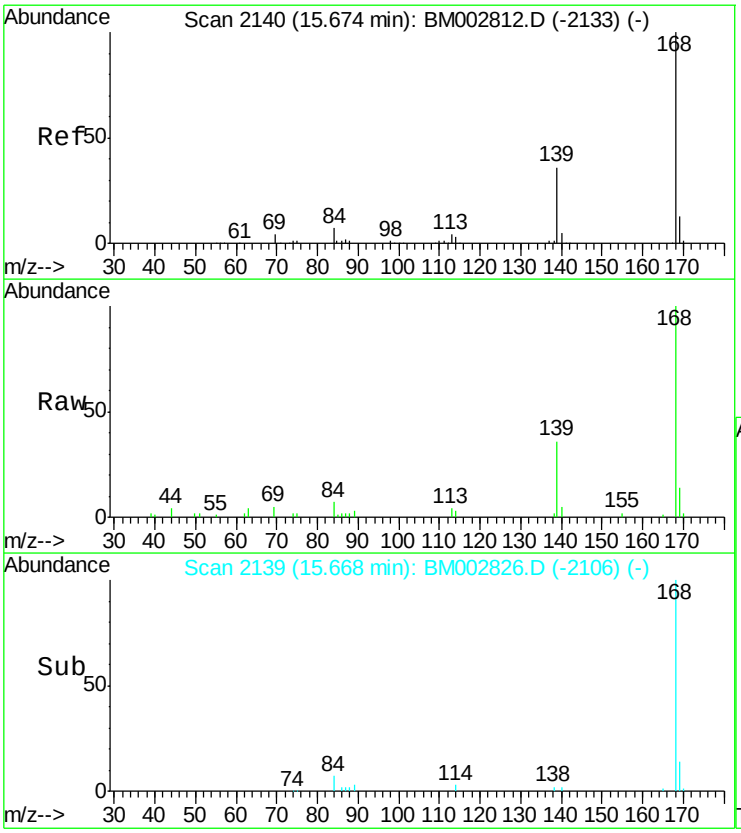
#53
4-Nitrophenol
Concen: 8.95 ng/ul
RT: 15.47 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Instrument :
BNA_M
ClientSampleId :
D9G67MS

Tgt Ion:109 Resp: 11277

Ion	Ratio	Lower	Upper
109	100		
139	183.6	143.4	215.2
65	136.5	110.3	165.5

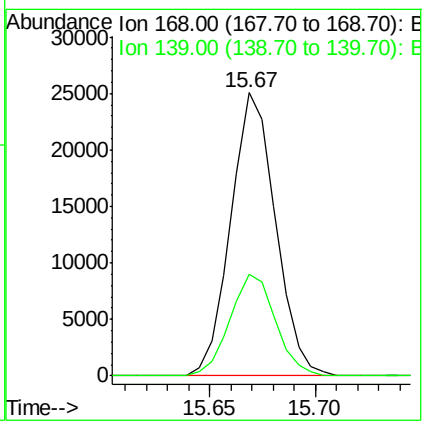


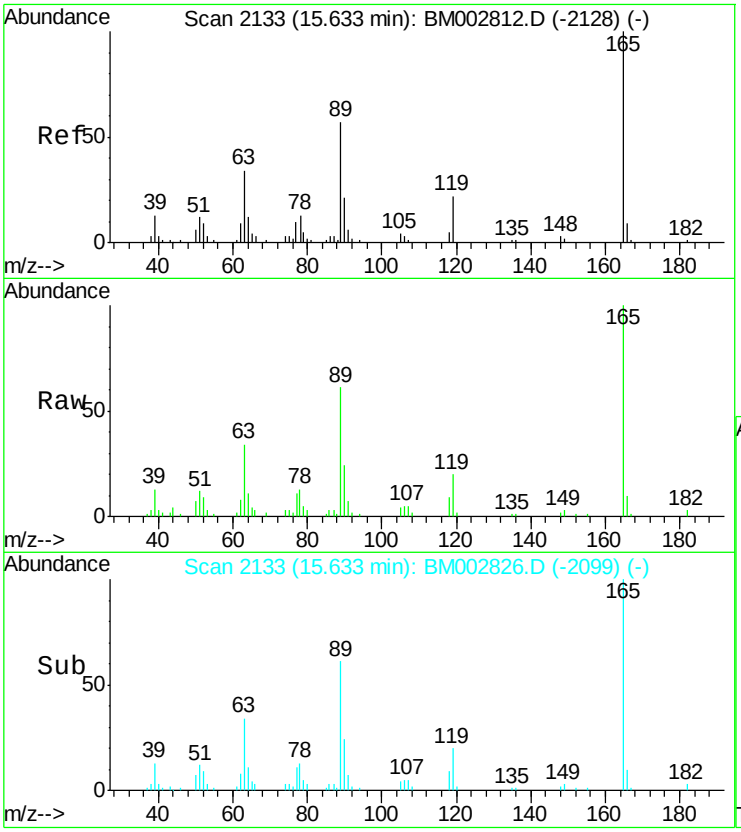


#54
Dibenzofuran
Concen: 2.33 ng/ul
RT: 15.67 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Tgt Ion:168 Resp: 36776

Ion	Ratio	Lower	Upper
168	100		
139	35.7	28.7	43.1



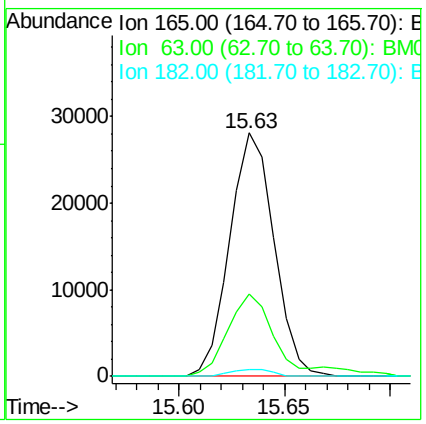


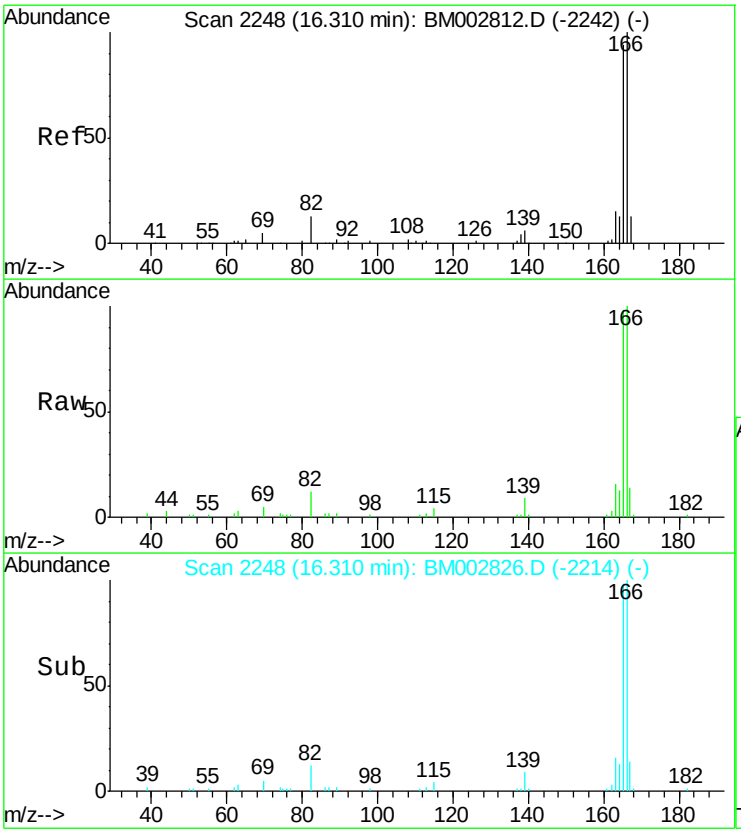
#55
2,4-Dinitrotoluene
Concen: 11.08 ng/ul
RT: 15.63 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Instrument :
BNA_M
ClientSampleId :
D9G67MS

Tgt Ion:165 Resp: 40789

Ion	Ratio	Lower	Upper
165	100		
63	33.8	25.4	38.2
182	2.7	2.6	3.8

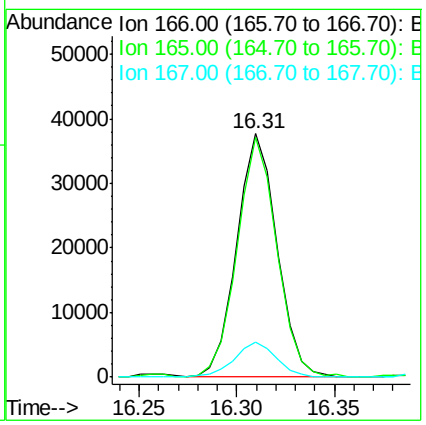


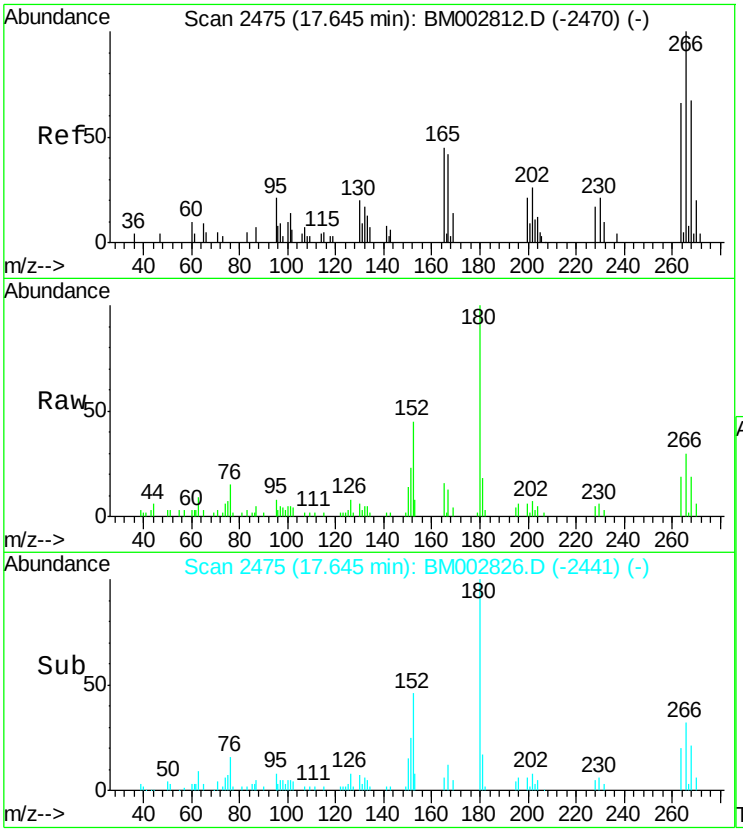


#59
Fluorene
Concen: 4.15 ng/ul
RT: 16.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Tgt Ion:166 Resp: 53709

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.0	117.0
167	14.4	10.6	16.0



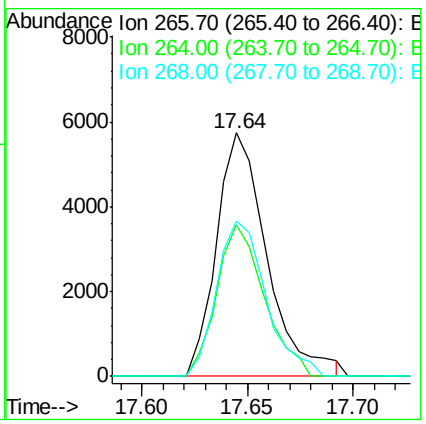


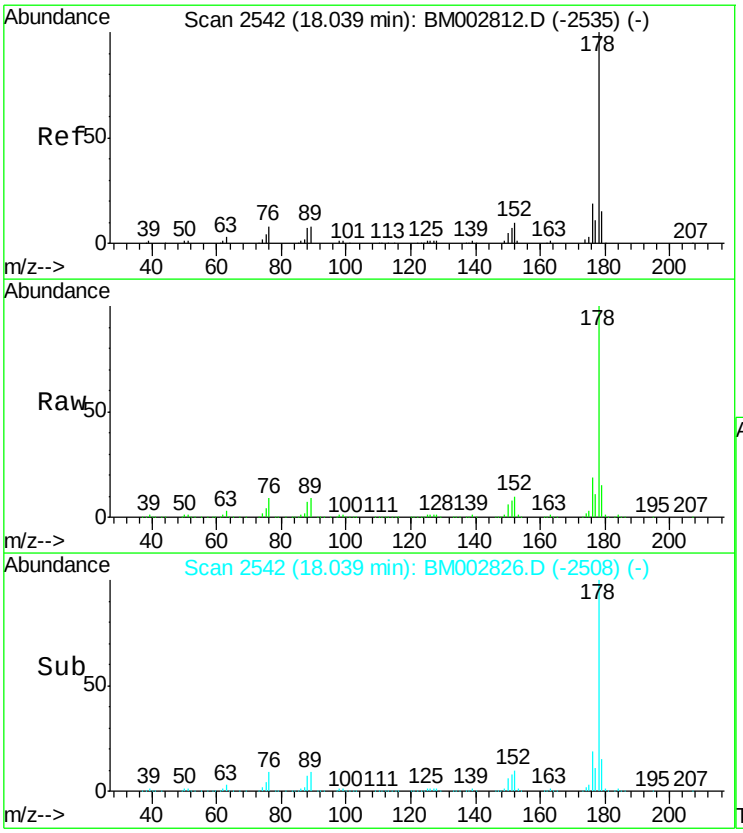
#69
Pentachlorophenol
Concen: 6.23 ng/ul
RT: 17.64 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Instrument :
BNA_M
ClientSampleId :
D9G67MS

Tgt Ion:266 Resp: 9504

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.4	74.2
268	63.7	49.1	73.7

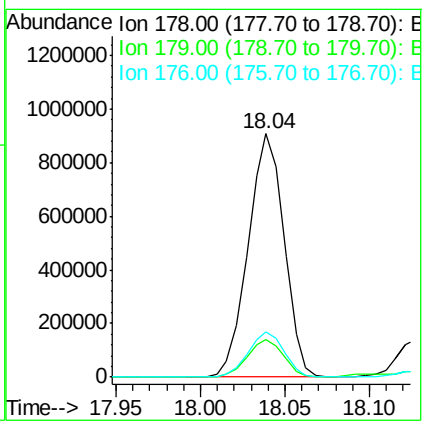


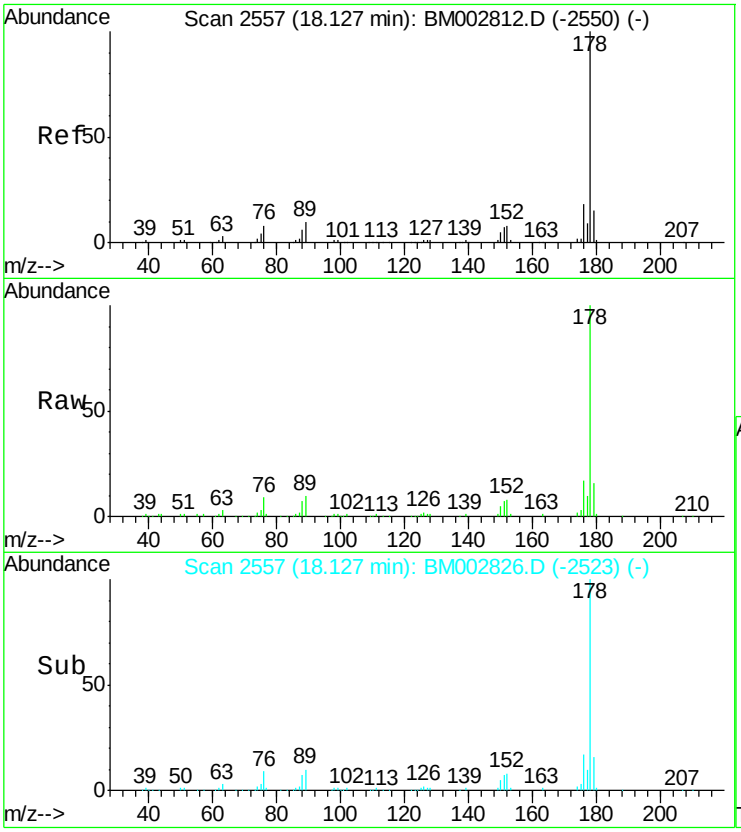


#70
Phenanthrene
Concen: 68.87 ng/ul
RT: 18.04 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Tgt Ion:178 Resp: 1343867

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.0	18.0
176	18.6	14.6	22.0



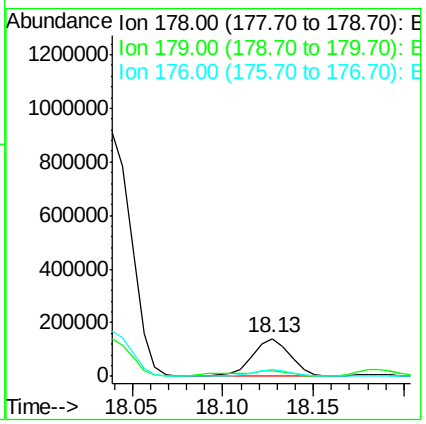


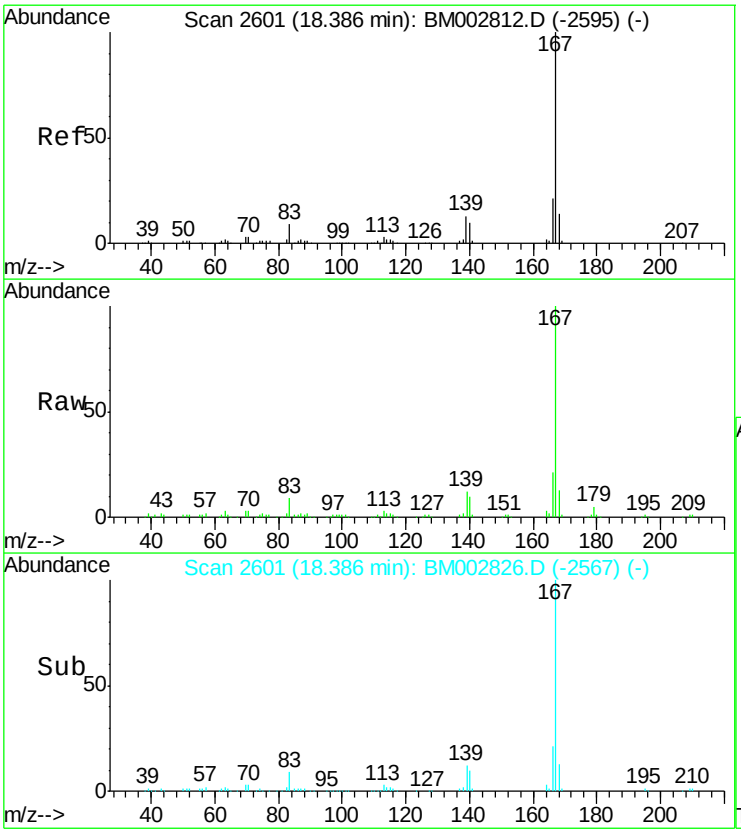
#72
Anthracene
Concen: 10.38 ng/ul
RT: 18.13 min Scan# 2557
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Instrument :
BNA_M
ClientSampleId :
D9G67MS

Tgt Ion:178 Resp: 206230

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.9	17.9
176	17.4	14.4	21.6

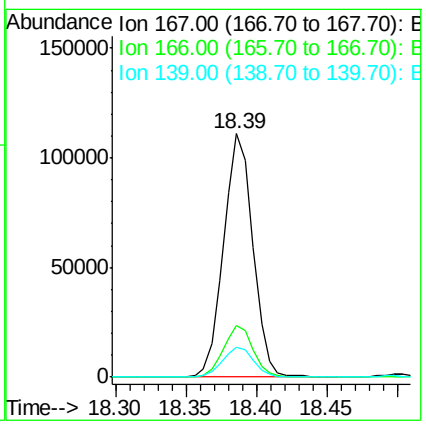


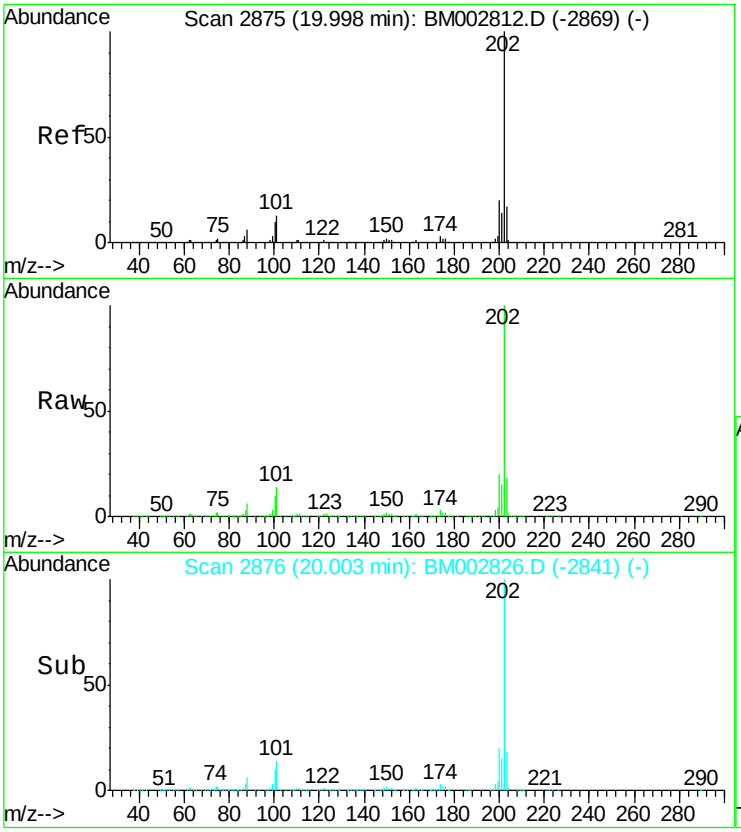


#75
Carbazole
Concen: 9.26 ng/ul
RT: 18.39 min Scan# 2601
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Tgt Ion:167 Resp: 160553

Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.8	25.2
139	12.4	10.1	15.1



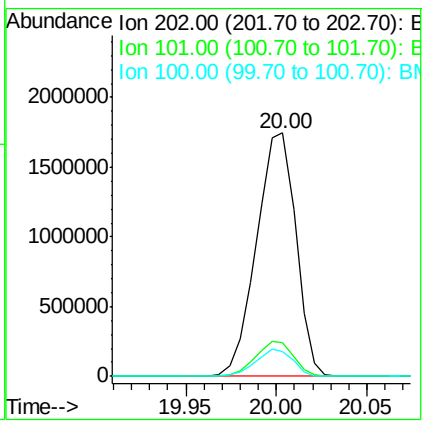


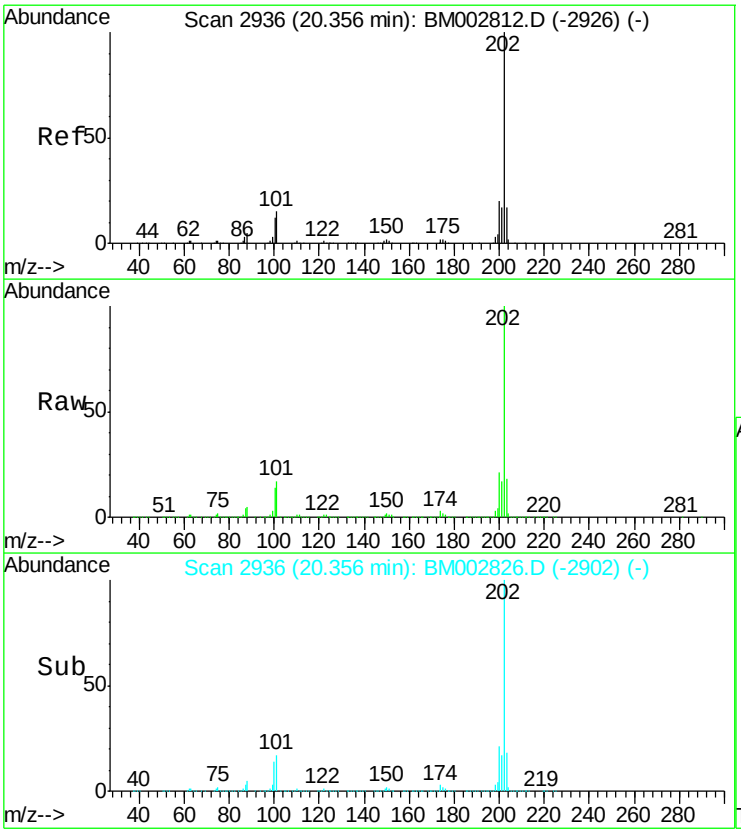
#77
Fluoranthene
Concen: 131.24 ng/ul
RT: 20.00 min Scan# 2876
Delta R.T. 0.01 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Instrument :
BNA_M
ClientSampleId :
D9G67MS

Tgt Ion:202 Resp: 2644244

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.0	16.4
100	10.3	8.3	12.5

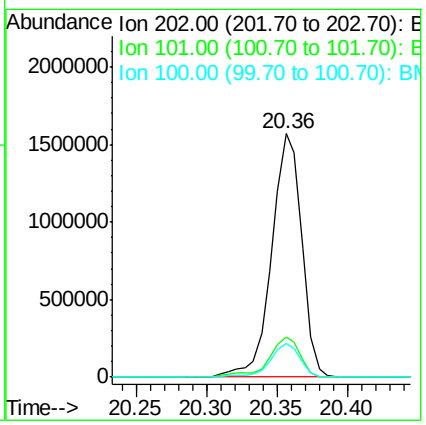


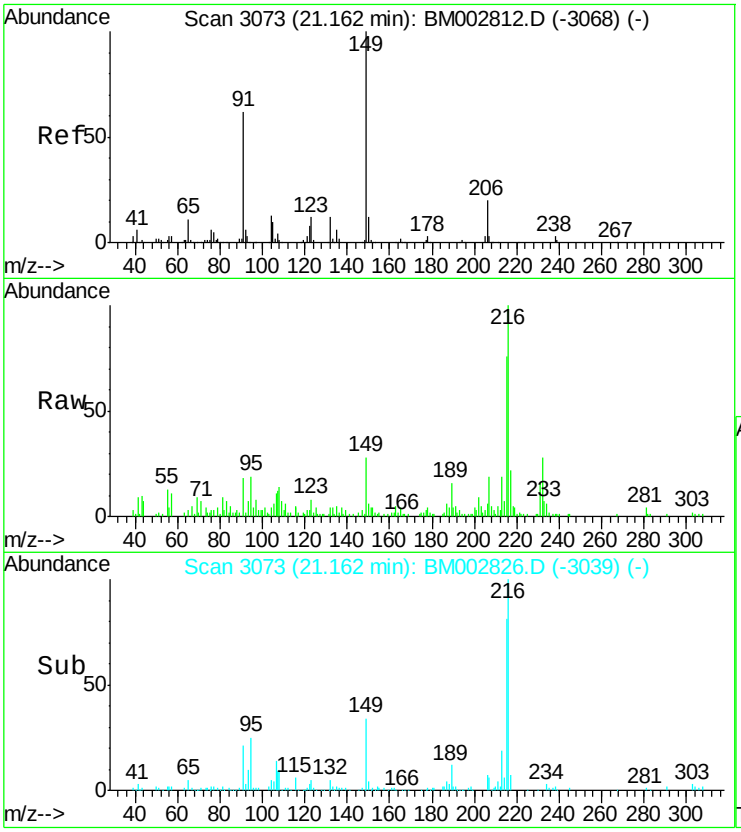


#80
Pyrene
Concen: 108.58 ng/ul
RT: 20.36 min Scan# 2936
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Tgt Ion:202 Resp: 2330460

Ion	Ratio	Lower	Upper
202	100		
101	16.5	12.1	18.1
100	13.7	10.2	15.4



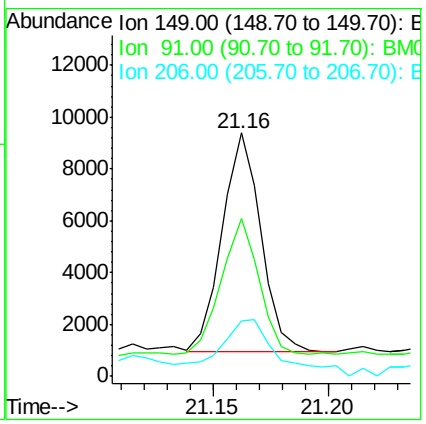


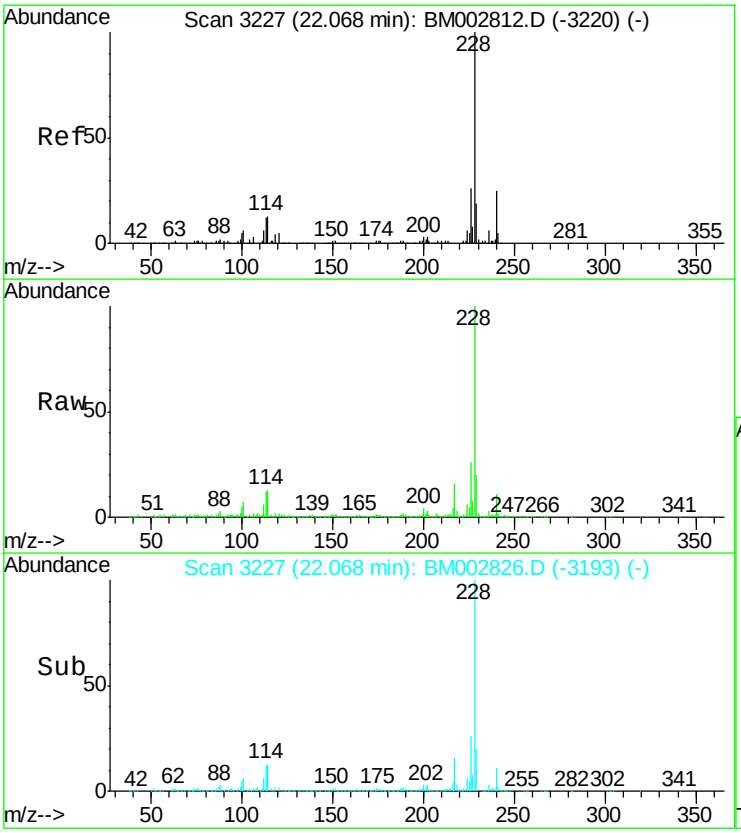
#81
Butylbenzylphthalate
Concen: 1.01 ng/ul
RT: 21.16 min Scan# 3073
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Instrument :
BNA_M
ClientSampleId :
D9G67MS

Tgt Ion:149 Resp: 9796

Ion	Ratio	Lower	Upper
149	100		
91	65.1	49.0	73.6
206	22.7	16.0	24.0

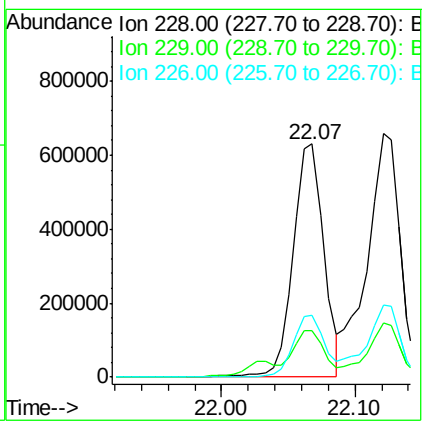


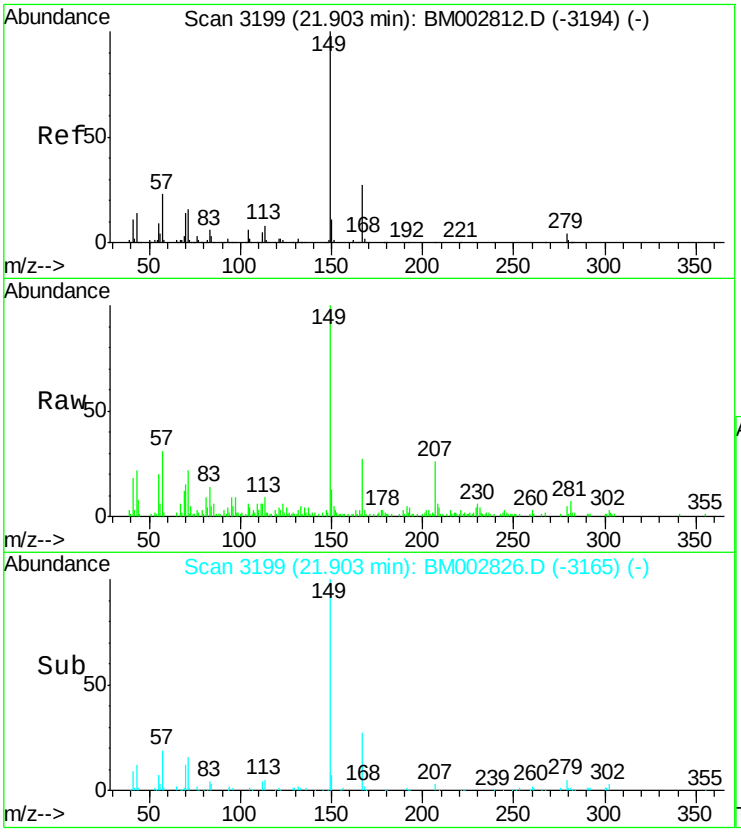


#83
Benzo(a)anthracene
Concen: 49.25 ng/ul
RT: 22.07 min Scan# 3227
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Tgt Ion:228 Resp: 989246

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.1	24.1
226	26.5	20.9	31.3



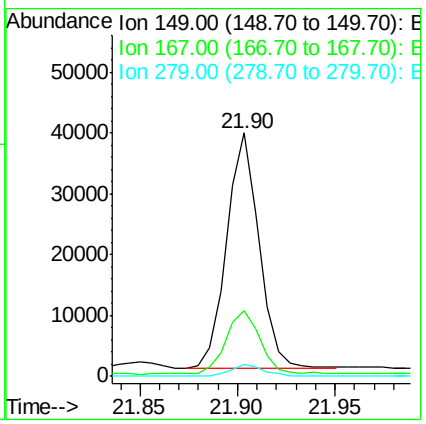


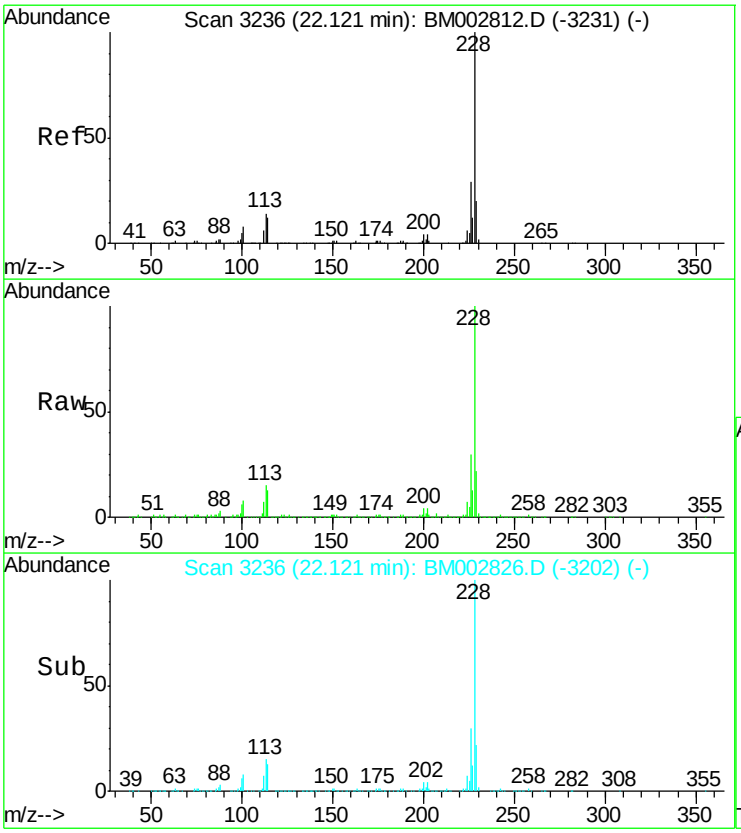
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.03 ng/ul
RT: 21.90 min Scan# 3199
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Instrument :
BNA_M
ClientSampleId :
D9G67MS

Tgt Ion:149 Resp: 43903

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.7	32.5
279	4.7	3.0	4.6#

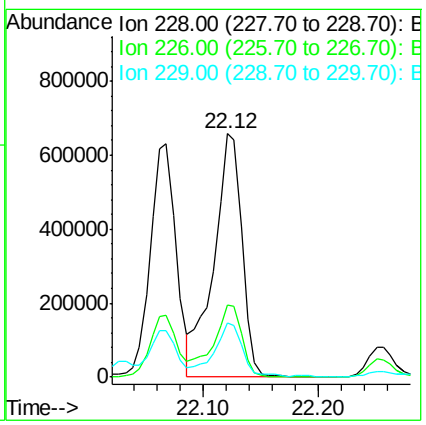


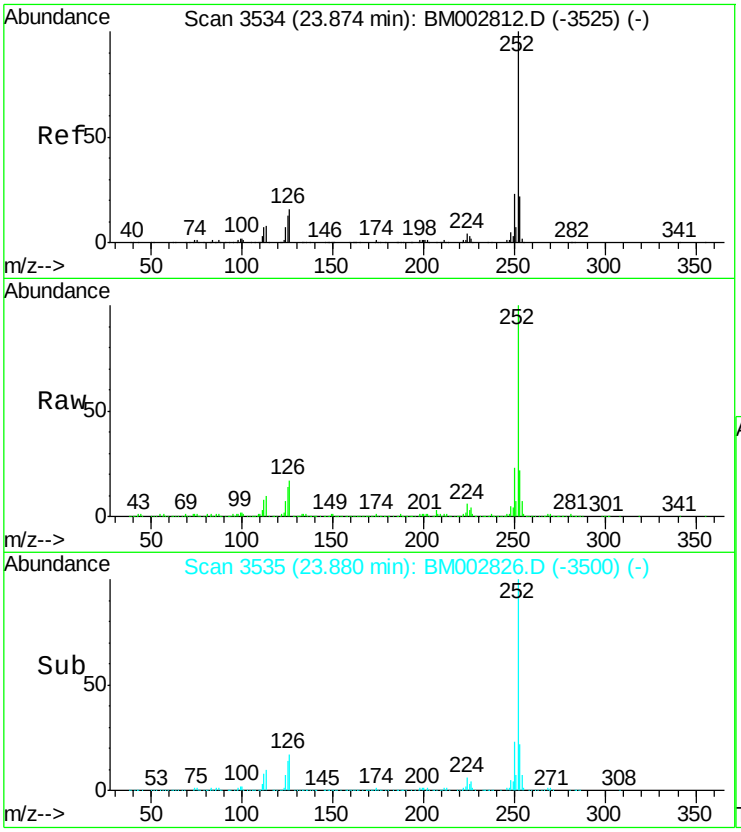


#85
Chrysene
Concen: 58.67 ng/ul
RT: 22.12 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Tgt Ion:228 Resp: 1111593

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.4	33.6
229	22.1	15.4	23.2



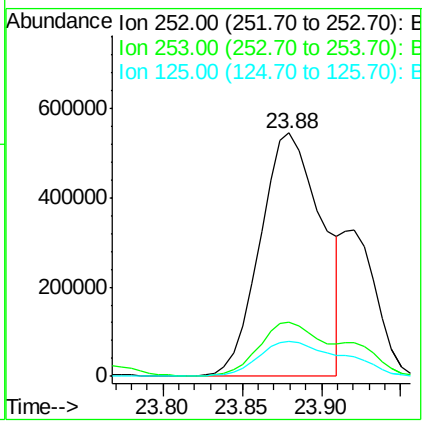


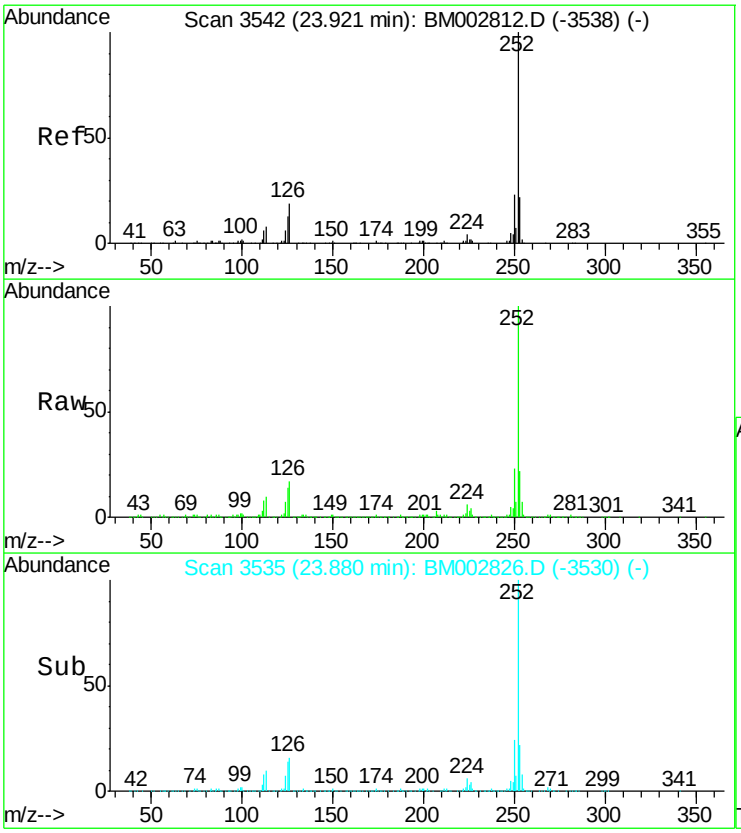
#88
Benzo(b)fluoranthene
Concen: 70.36 ng/ul
RT: 23.88 min Scan# 3535
Delta R.T. 0.01 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Instrument :
BNA_M
ClientSampleId :
D9G67MS

Tgt Ion:252 Resp: 1475918

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	14.4	10.6	15.8

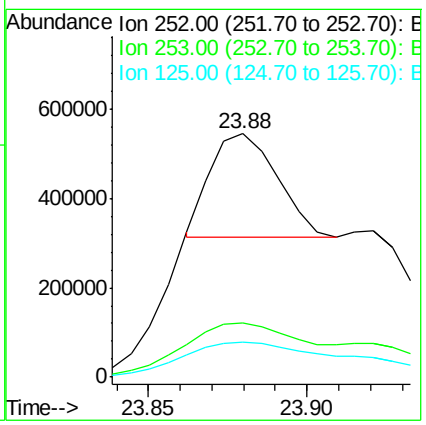


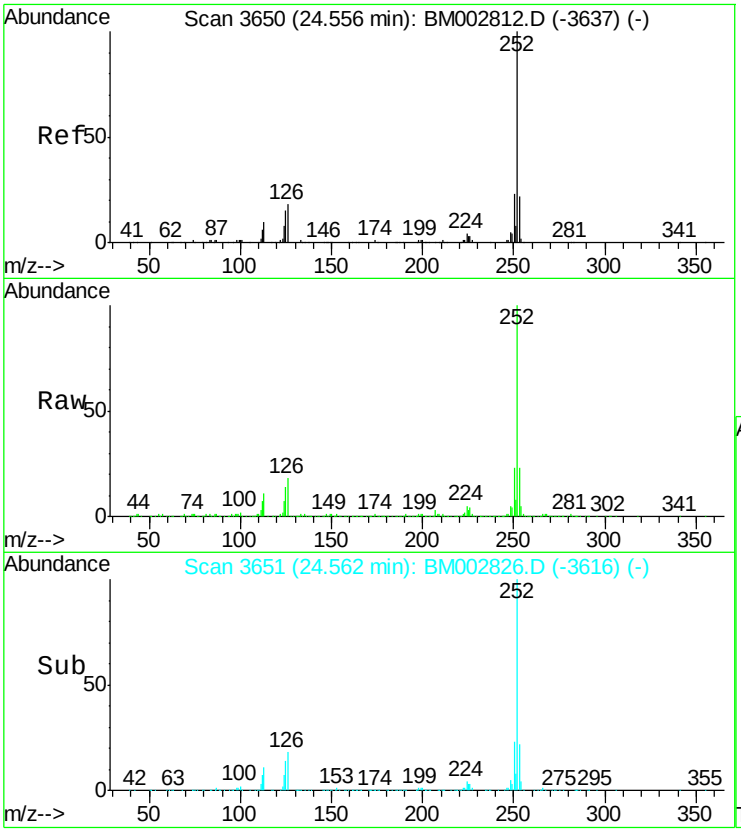


#89
Benzo(k)fluoranthene
Concen: 17.12 ng/ul
RT: 23.88 min Scan# 3535
Delta R.T. -0.04 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Tgt Ion:252 Resp: 340070

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	14.4	10.0	15.0



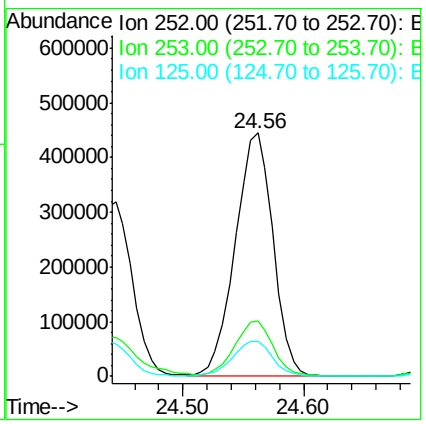


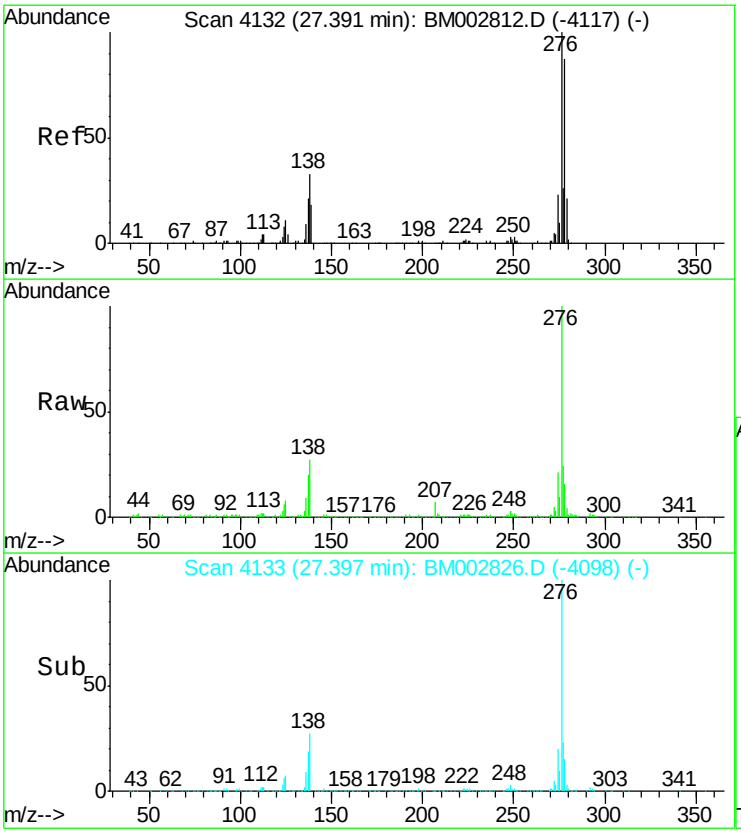
#91
Benzo(a)pyrene
Concen: 47.73 ng/ul
RT: 24.56 min Scan# 3651
Delta R.T. 0.01 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Instrument :
BNA_M
ClientSampleId :
D9G67MS

Tgt Ion:252 Resp: 961760

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	14.4	11.4	17.2

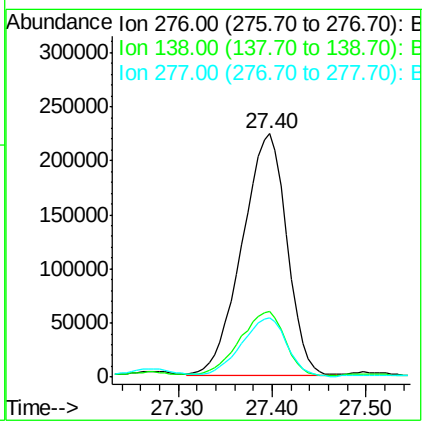


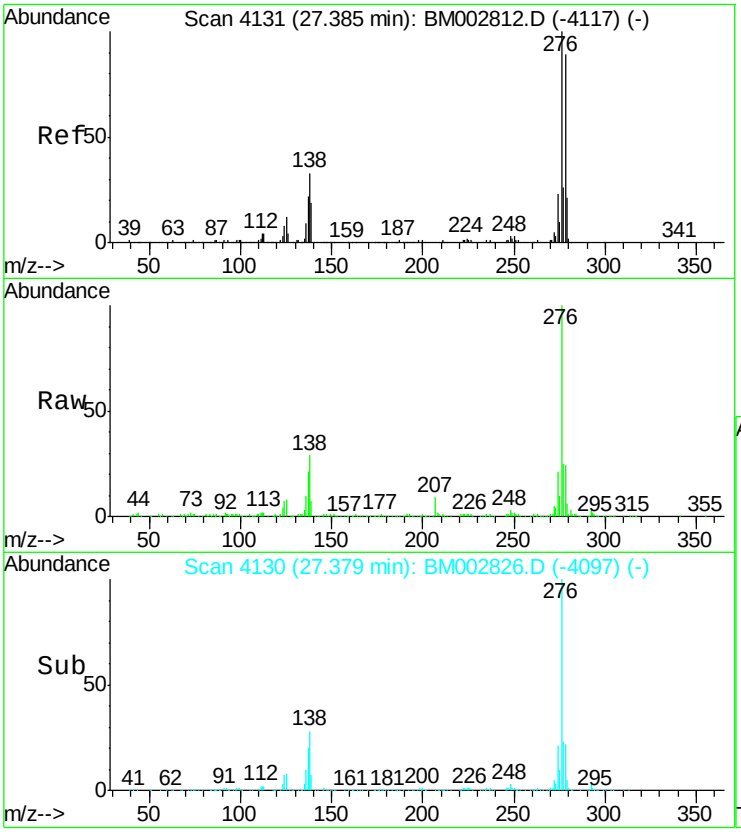


#92
Indeno(1,2,3-cd)pyrene
Concen: 31.43 ng/ul
RT: 27.40 min Scan# 4133
Delta R.T. 0.01 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Tgt Ion:276 Resp: 738846

Ion	Ratio	Lower	Upper
276	100		
138	27.0	27.7	41.5#
277	24.1	20.2	30.4



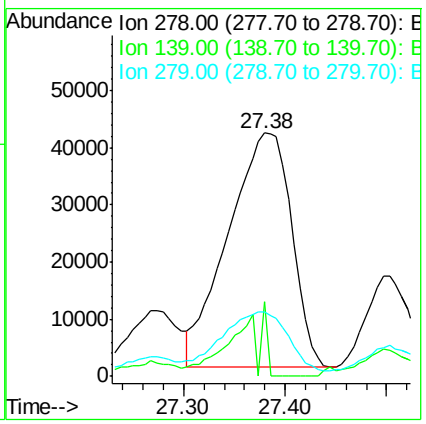


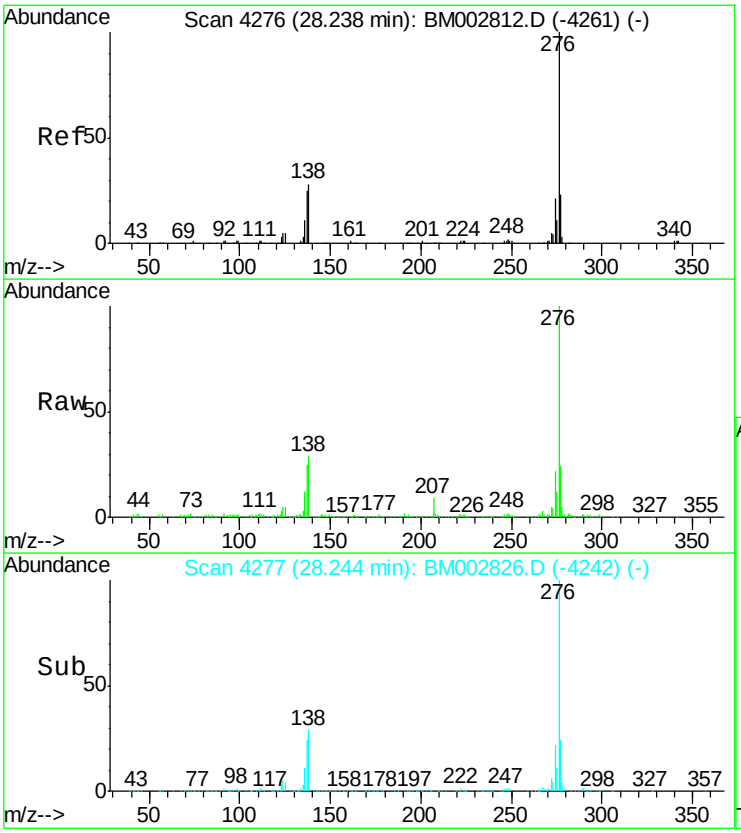
#93
Dibenzo(a,h)anthracene
Concen: 8.99 ng/ul
RT: 27.38 min Scan# 4130
Delta R.T. -0.01 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Instrument :
BNA_M
ClientSampleId :
D9G67MS

Tgt Ion:278 Resp: 178501

Ion	Ratio	Lower	Upper
278	100		
139	30.5	17.0	25.6#
279	26.6	19.0	28.6





#94
Benzo(g,h,i)perylene
Concen: 34.02 ng/ul
RT: 28.24 min Scan# 4277
Delta R.T. 0.01 min
Lab File: BM002826.D
Acq: 02 Oct 2015 04:40

Tgt Ion:276 Resp: 673274

Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.8	32.8
277	24.4	18.9	28.3