Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070615\
Data File : BM001871.D
Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 08 05:34:34 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 05:33:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	91056	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	347964	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	186074	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	369790	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	368839	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	379706	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	3462	1.81	ng/uL	0.00
5) Phenol-d5	6.83	99	79112	11.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	46289	11.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	65325	11.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	61003	10.87	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	32456	13.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	33092	12.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	67987	12.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	57590	10.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	180884	13.11	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	229347	12.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	15615	6.13	ng/ul	0.00
57) Fluorene-d10	15.32	176	165220	12.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	9650	4.27	ng/ul	0.00
70) Anthracene-d10	17.17	188	256631	14.90	ng/ul	0.00
78) Pyrene-d10	19.47	212	250284	16.02	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	237583	14.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.88	88	14169	6.50	ng/uL#	1
17) Hexachloroethane	8.77	117	3093	1.35	ng/ul#	1
28) Naphthalene	10.50	128	46635	2.65	ng/ul	97
32) Caprolactam	11.47	113	2260	1.38	ng/ul#	27
34) 2-Methylnaphthalene	12.13	142	58383	4.59	ng/ul	96
44) Dimethylphthalate	13.78	163	104780	6.95	ng/ul	98
47) Acenaphthylene	14.04	152	52383	2.84	ng/ul	93
49) Acenaphthene	14.39	153	17766	1.44	ng/ul	96
53) Dibenzofuran	14.72	168	23790	1.35	ng/ul	91
58) Fluorene	15.37	166	16835	1.15	ng/ul#	94
69) Phenanthrene	17.12	178	286645	14.30	ng/ul	97
71) Anthracene	17.20	178	80075	3.89	ng/ul	98
74) Carbazole	17.47	167	28148	1.56	ng/ul#	91
76) Fluoranthene	19.13	202	451336	18.82	ng/ul	99
79) Pyrene	19.50	202	443233	21.66	ng/ul	99
82) Benzo(a)anthracene	21.25	228	306007	14.20	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.17	149	11056	1.10	ng/ul#	95
84) Chrysene	21.30	228	301915	14.78	ng/ul	97
87) Benzo(b)fluoranthene	22.83	252	577369	26.12	ng/ul	99
88) Benzo(k)fluoranthene	22.83	252	281897	13.20	ng/ul	98
90) Benzo(a)pyrene	23.40	252	388548	18.07	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.74	276	387328	15.19	ng/ul	96
92) Dibenzo(a,h)anthracene	25.74	278	96544	4.49	ng/ul#	91

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070615\
Data File : BM001871.D
Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 08 05:34:34 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 05:33:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(g,h,i)perylene	26.44	276	356155	16.61	ng/ul	98

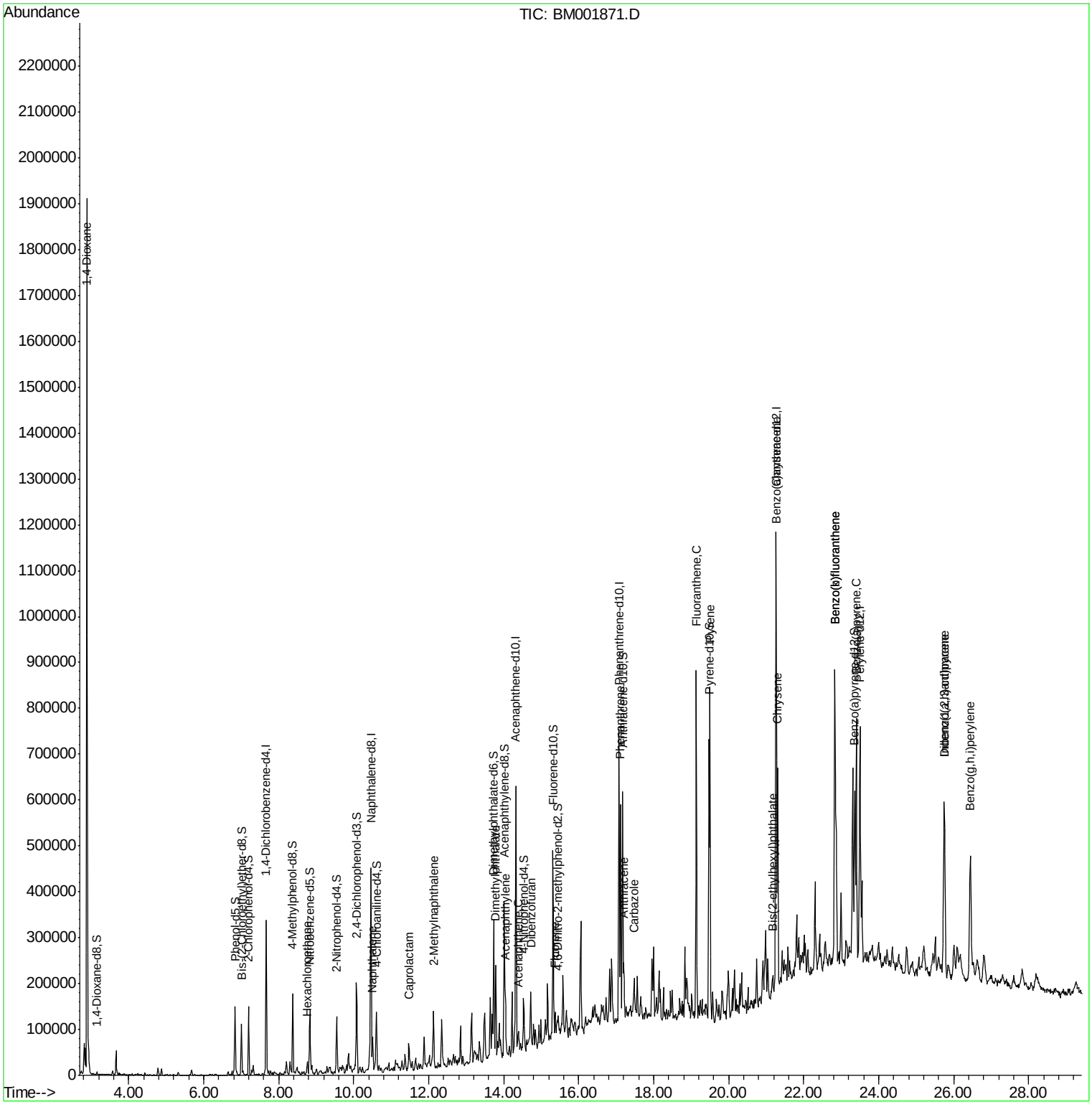
(#) = qualifier out of range (m) = manual integration (+) = signals summed

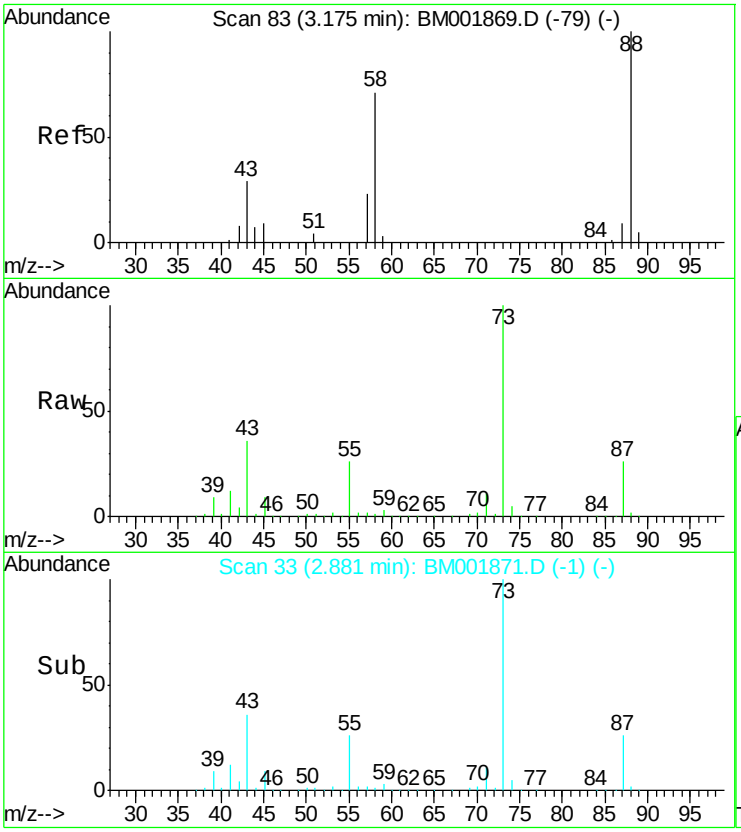
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070615\
Data File : BM001871.D
Acq On : 07 Jul 2015 19:44
Operator : TP/UM
Sample : G2861-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 08 05:34:34 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 05:33:09 2015
Response via : Initial Calibration



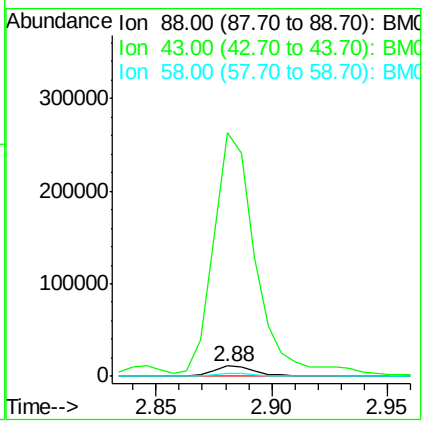


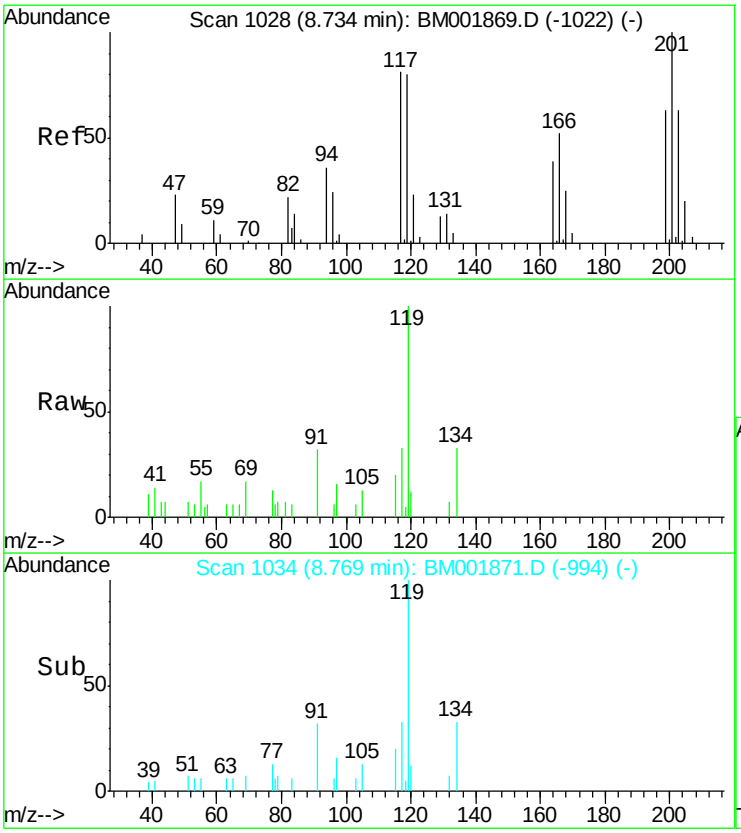
#2
1,4-Dioxane
Concen: 6.50 ng/uL
RT: 2.88 min Scan# 33
Delta R.T. -0.29 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 14169

Ion	Ratio	Lower	Upper
88	100		
43	2256.0	24.2	36.4#
58	32.4	56.2	84.2#

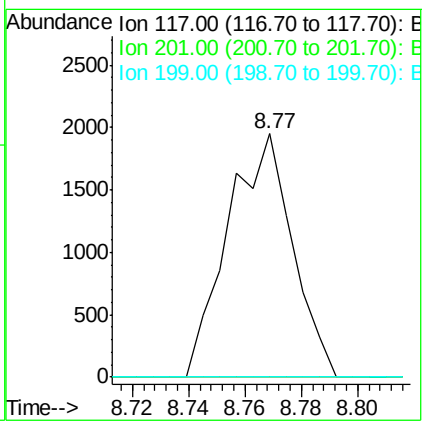


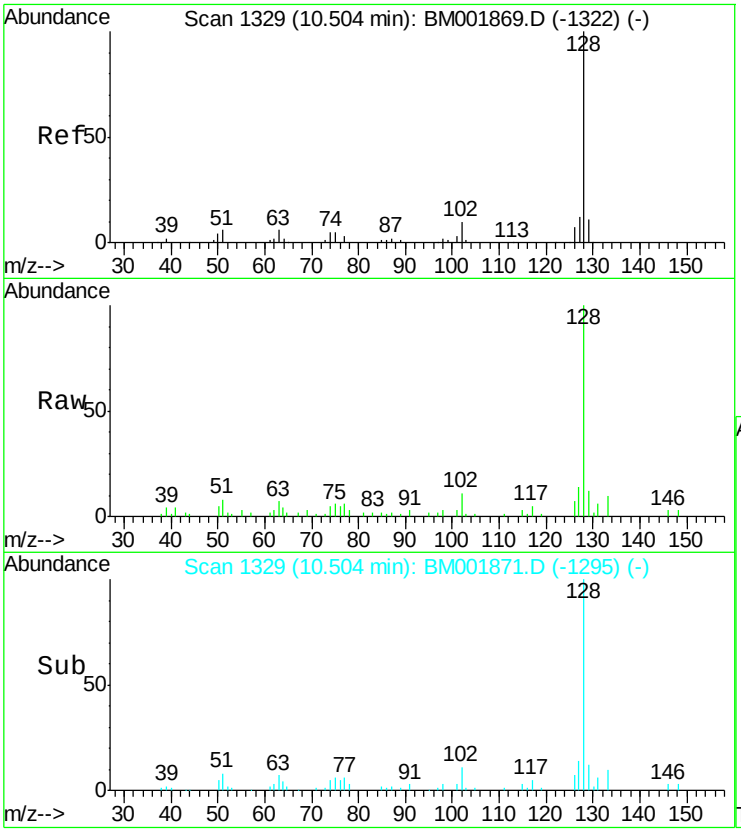


#17
Hexachloroethane
Concen: 1.35 ng/ul
RT: 8.77 min Scan# 1034
Delta R.T. 0.04 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Tgt Ion:117 Resp: 3093

Ion	Ratio	Lower	Upper
117	100		
201	0.0	92.1	138.1#
199	0.0	60.6	90.8#



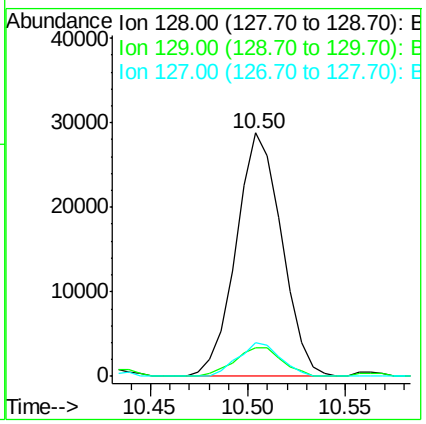


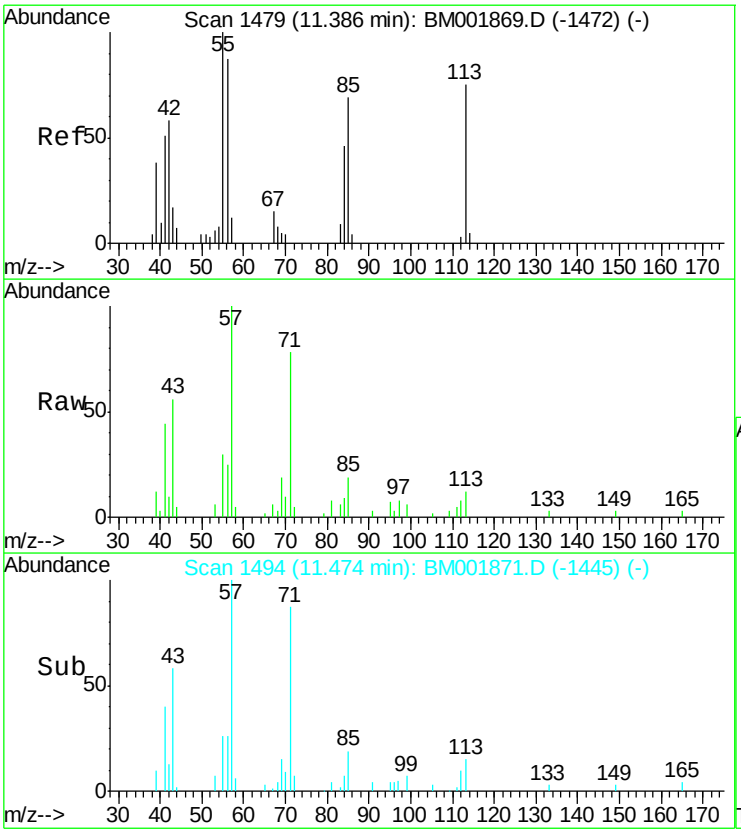
#28
Naphthalene
Concen: 2.65 ng/ul
RT: 10.50 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 46635

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.7	13.1
127	13.7	10.0	15.0

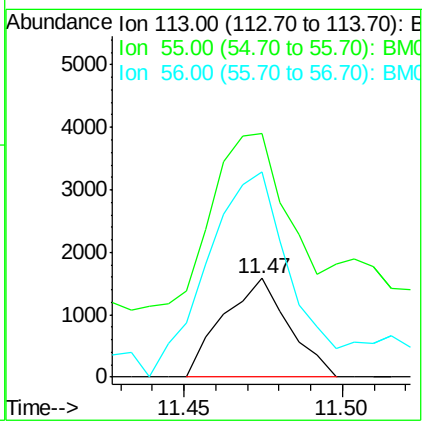


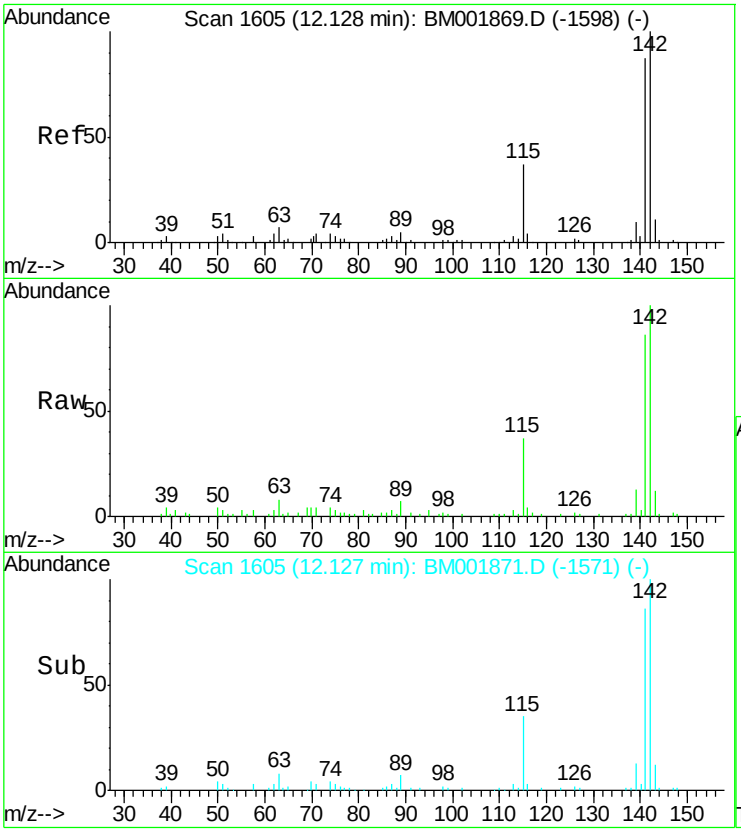


#32
Caprolactam
Concen: 1.38 ng/ul
RT: 11.47 min Scan# 1494
Delta R.T. 0.09 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Tgt Ion:113 Resp: 2260

Ion	Ratio	Lower	Upper
113	100		
55	247.0	123.3	184.9#
56	208.2	98.6	147.8#



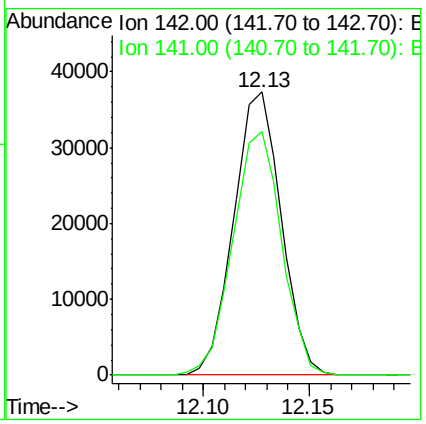


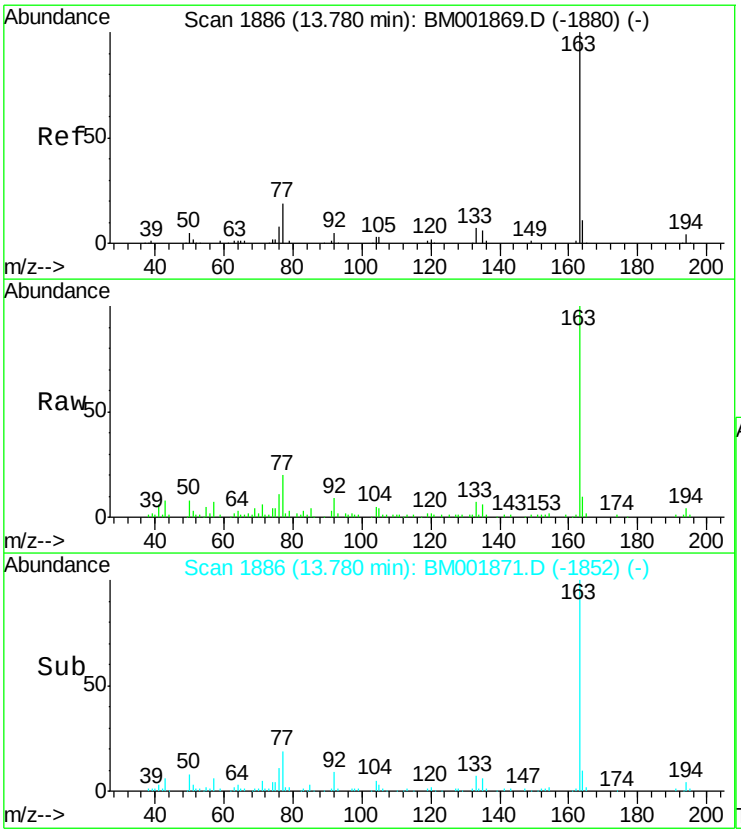
#34
2-Methylnaphthalene
Concen: 4.59 ng/ul
RT: 12.13 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 58383

Ion	Ratio	Lower	Upper
142	100		
141	86.1	71.6	107.4

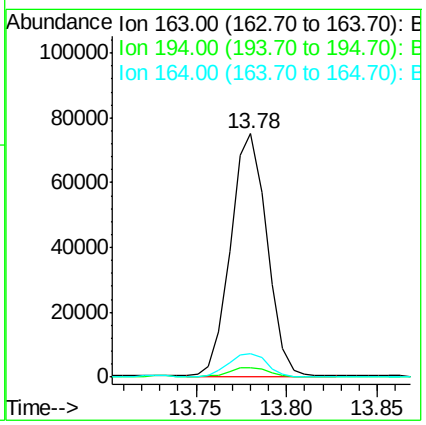


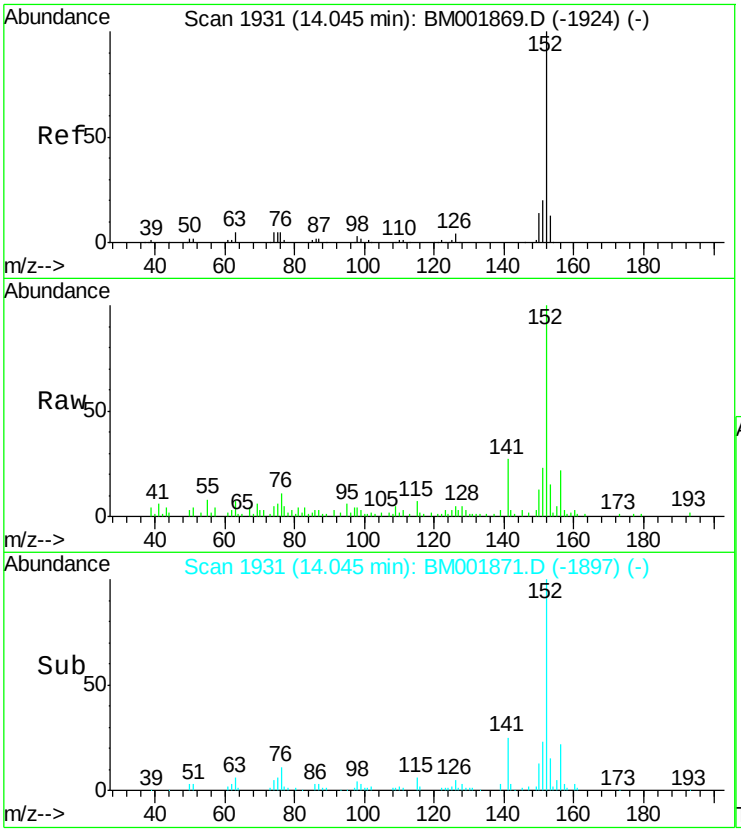


#44
Dimethylphthalate
Concen: 6.95 ng/ul
RT: 13.78 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Tgt Ion:163 Resp: 104780

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.6	5.4
164	9.6	8.0	12.0



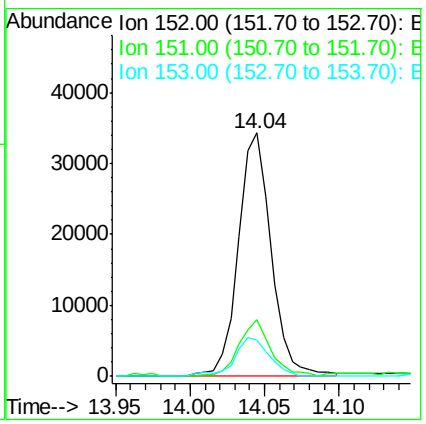


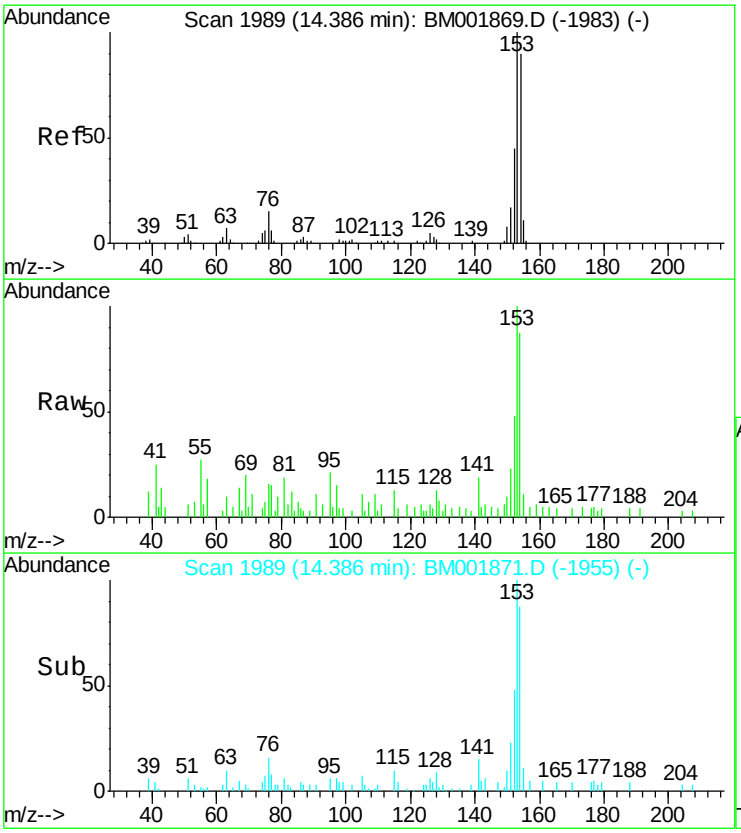
#47
Acenaphthylene
Concen: 2.84 ng/ul
RT: 14.04 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 52383

Ion	Ratio	Lower	Upper
152	100		
151	23.1	15.9	23.9
153	14.8	10.0	15.0

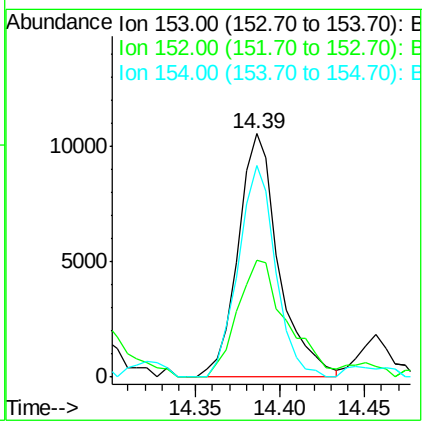


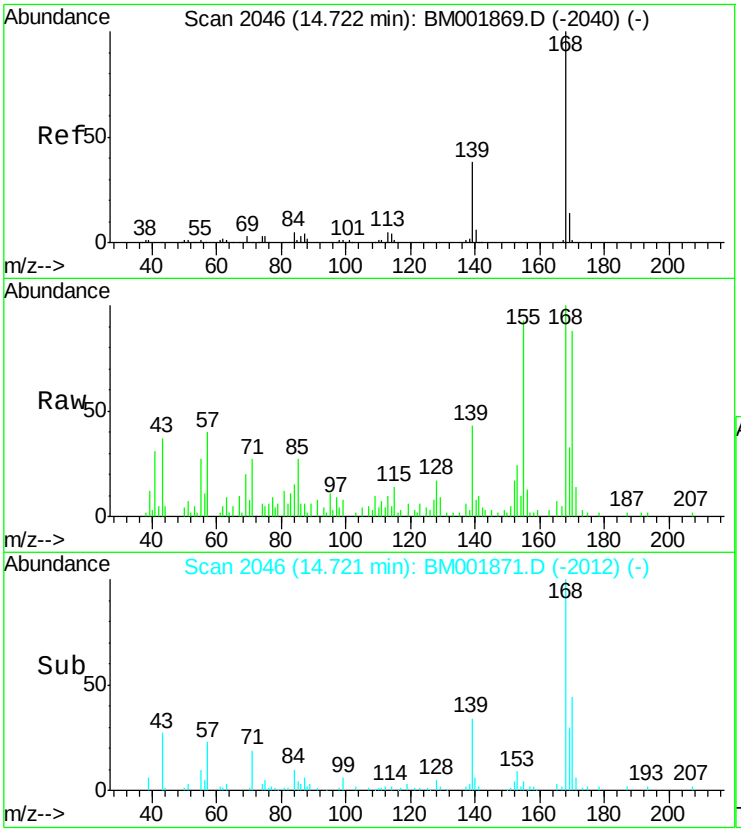


#49
Acenaphthene
Concen: 1.44 ng/ul
RT: 14.39 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Tgt Ion:153 Resp: 17766

Ion	Ratio	Lower	Upper
153	100		
152	48.2	36.6	55.0
154	86.7	72.6	108.8



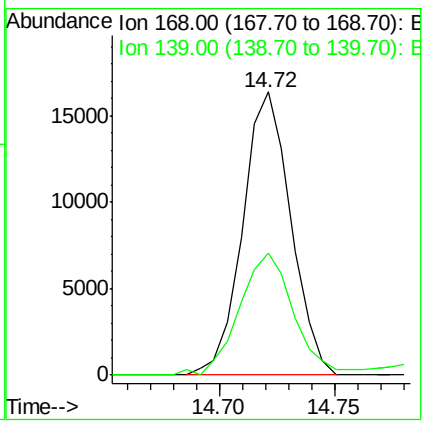


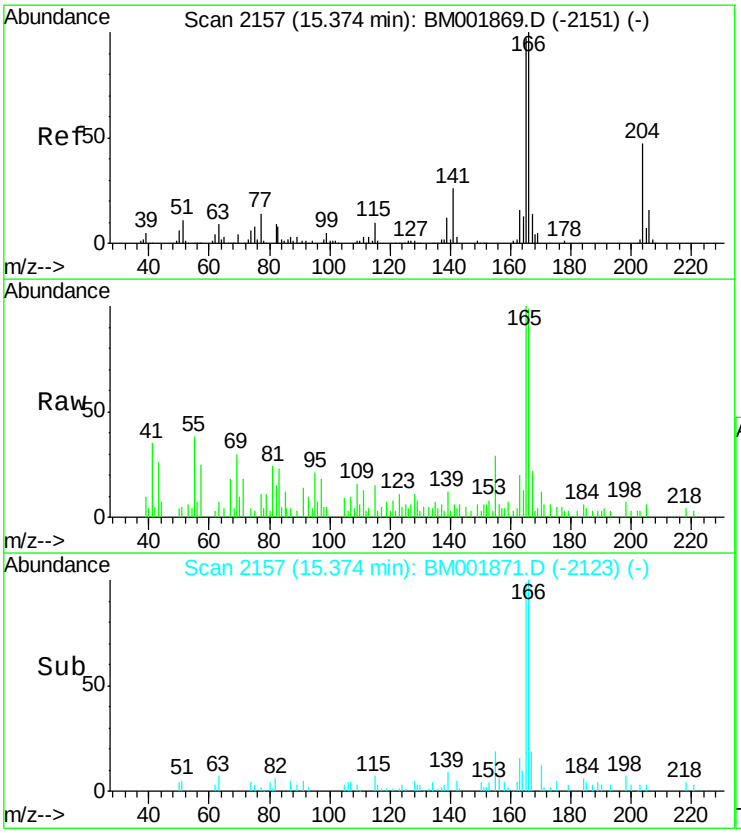
#53
Dibenzofuran
Concen: 1.35 ng/ul
RT: 14.72 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 23790

Ion	Ratio	Lower	Upper
168	100		
139	42.9	30.1	45.1

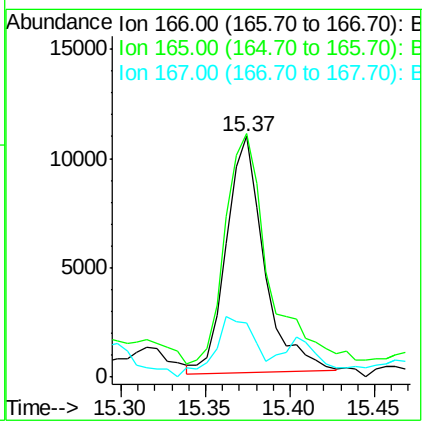


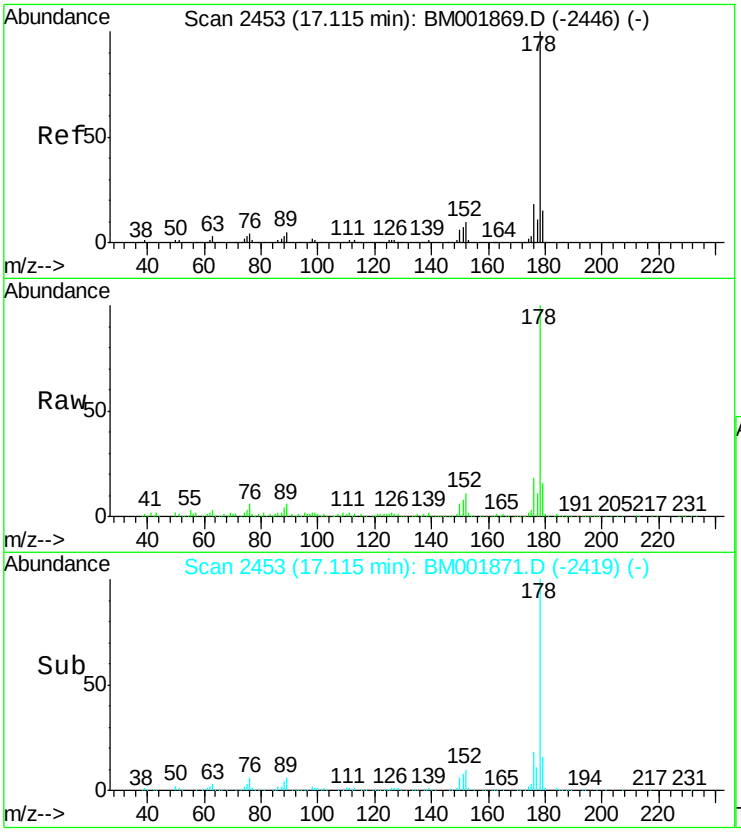


#58
Fluorene
Concen: 1.15 ng/ul
RT: 15.37 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Tgt Ion:166 Resp: 16835

Ion	Ratio	Lower	Upper
166	100		
165	101.1	77.4	116.2
167	22.5	11.3	16.9#



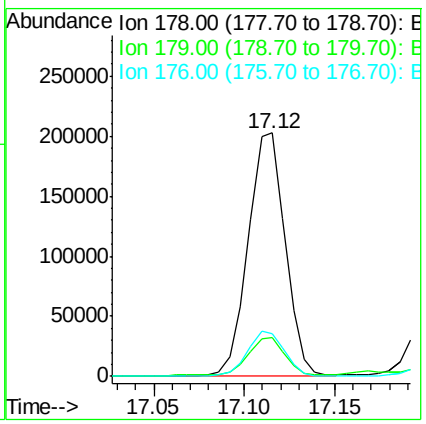


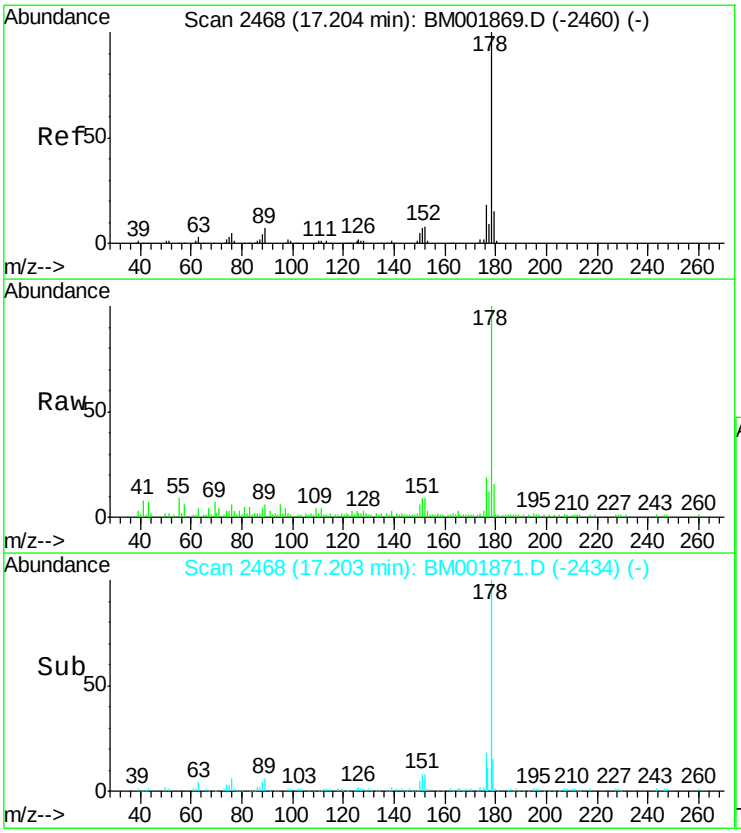
#69
Phenanthrene
Concen: 14.30 ng/ul
RT: 17.12 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 286645

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.9	17.9
176	17.6	15.2	22.8

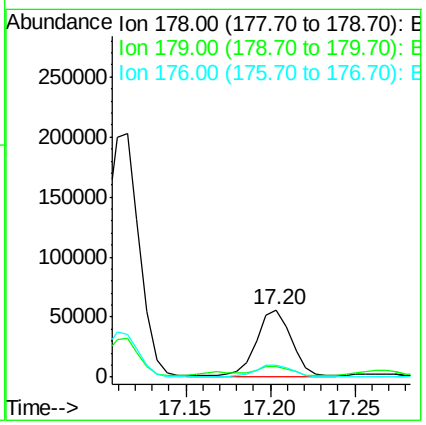


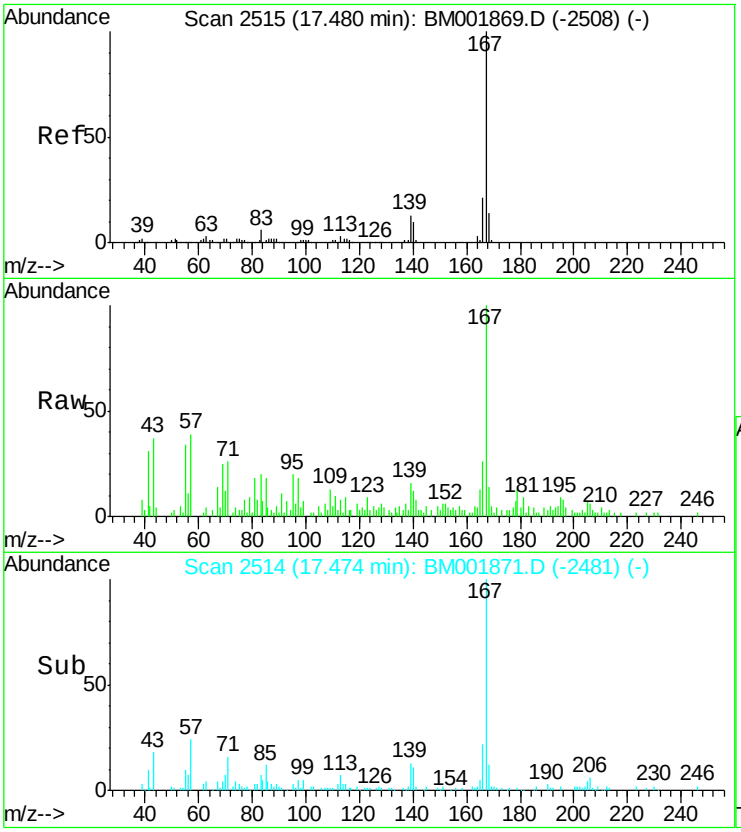


#71
Anthracene
Concen: 3.89 ng/ul
RT: 17.20 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Tgt Ion:178 Resp: 80075

Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.8	17.8
176	18.6	14.4	21.6



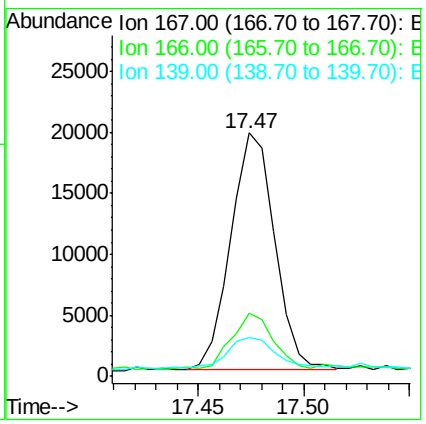


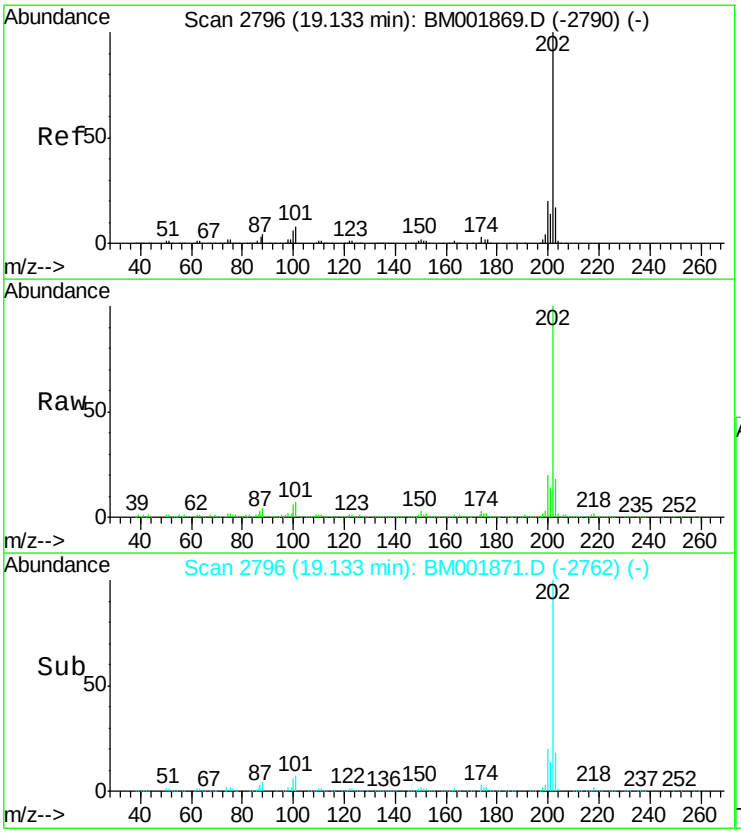
#74
Carbazole
Concen: 1.56 ng/ul
RT: 17.47 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 28148

Ion	Ratio	Lower	Upper
167	100		
166	25.8	17.4	26.2
139	16.1	10.1	15.1#

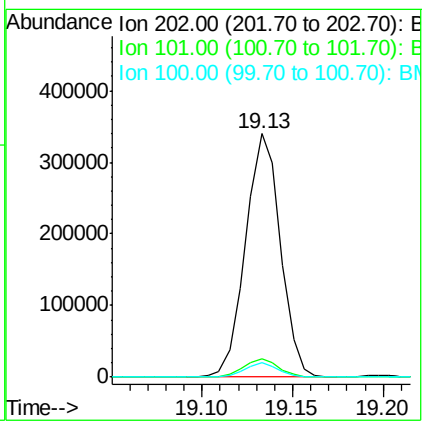


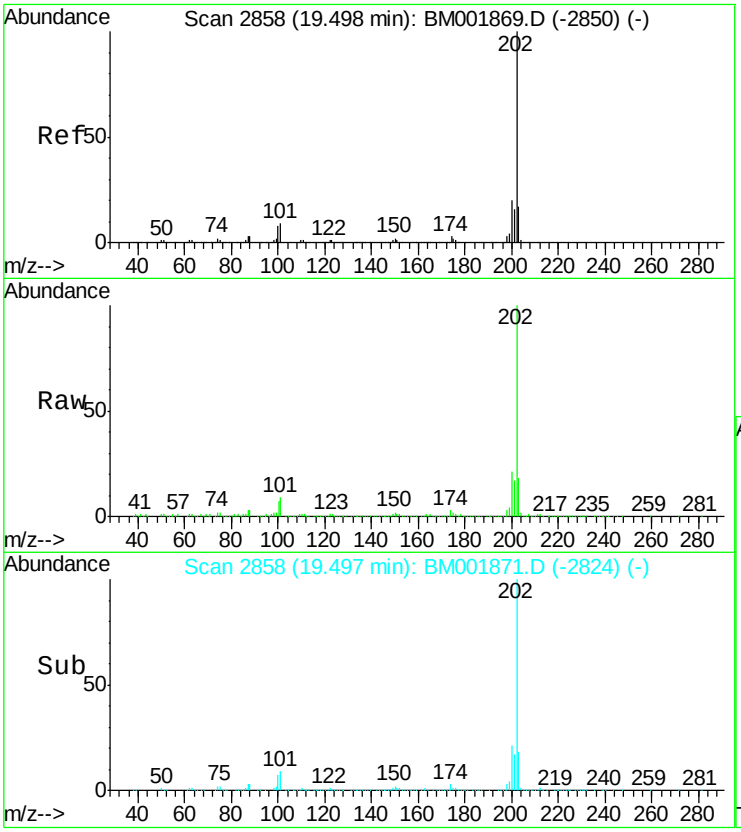


#76
Fluoranthene
Concen: 18.82 ng/ul
RT: 19.13 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Tgt Ion:202 Resp: 451336

Ion	Ratio	Lower	Upper
202	100		
101	7.3	6.1	9.1
100	5.9	4.8	7.2



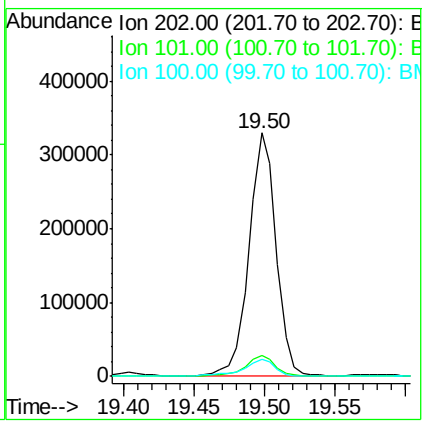


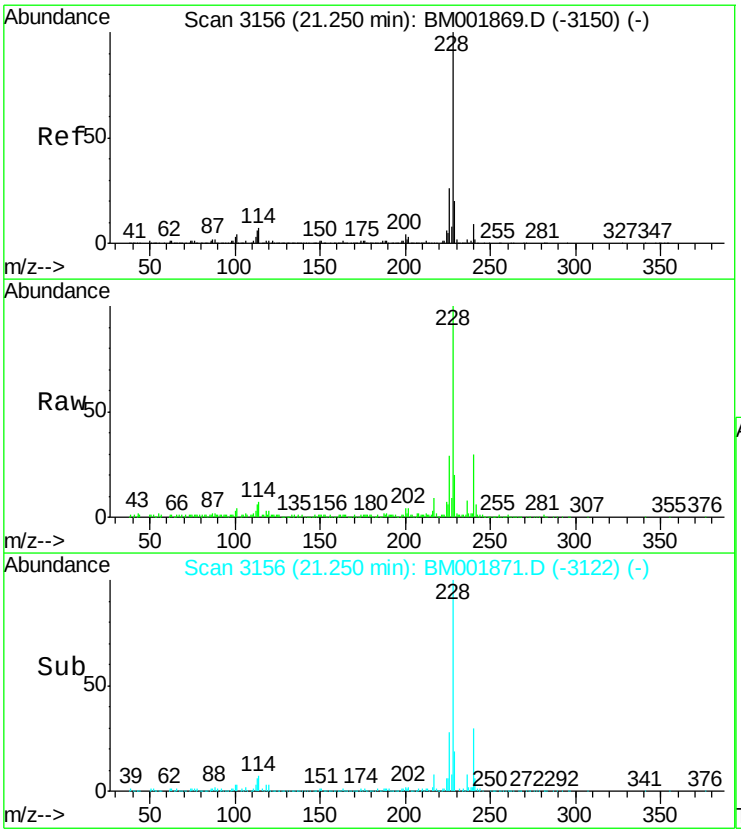
#79
Pyrene
Concen: 21.66 ng/ul
RT: 19.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 443233

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.9	10.3
100	7.0	6.2	9.2

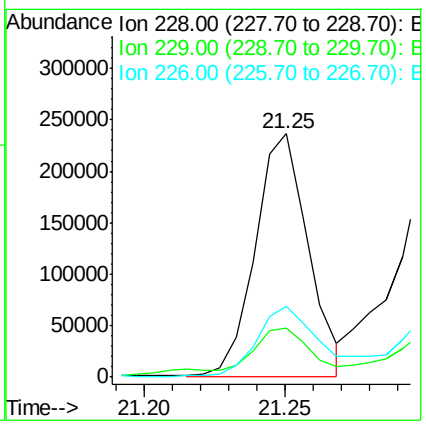


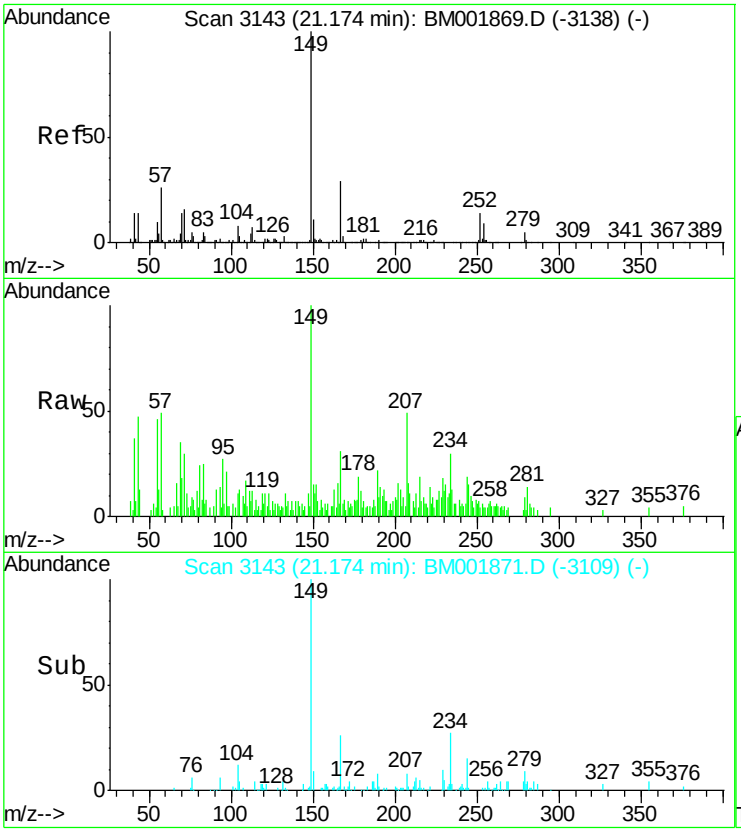


#82
Benzo(a)anthracene
Concen: 14.20 ng/ul
RT: 21.25 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Tgt Ion:228 Resp: 306007

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.0
226	29.0	20.6	30.8



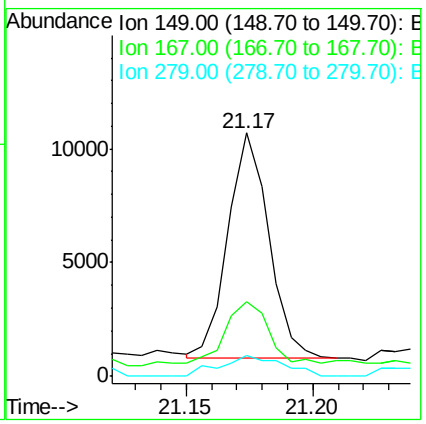


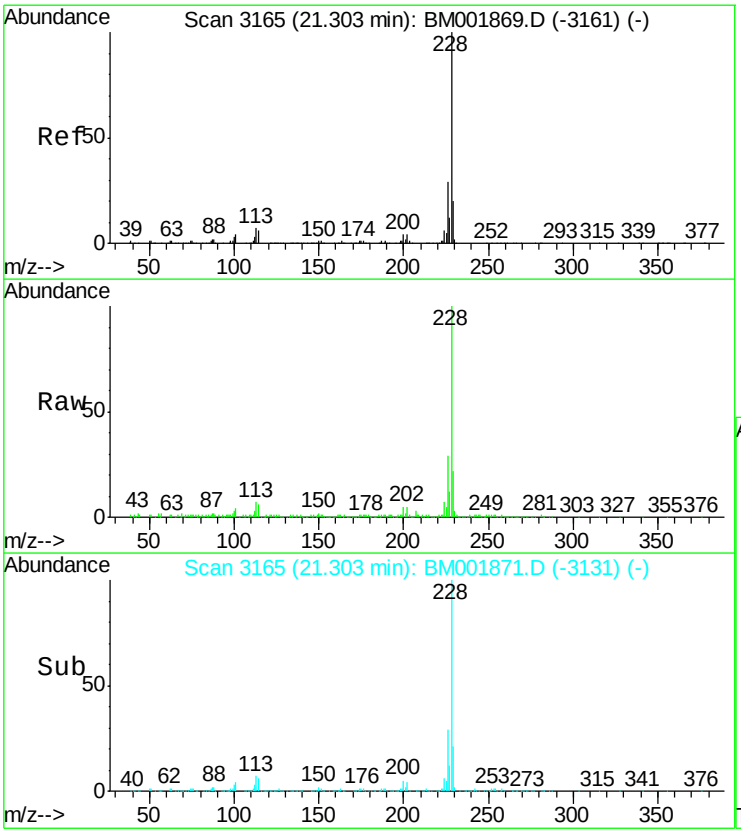
#83
Bis(2-ethylhexyl)phthalate
Concen: 1.10 ng/ul
RT: 21.17 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 11056

Ion	Ratio	Lower	Upper
149	100		
167	30.7	22.7	34.1
279	8.5	3.8	5.8#

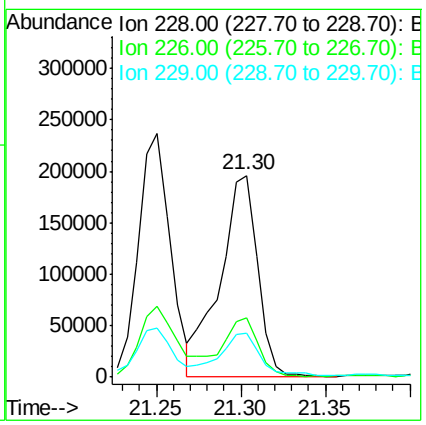


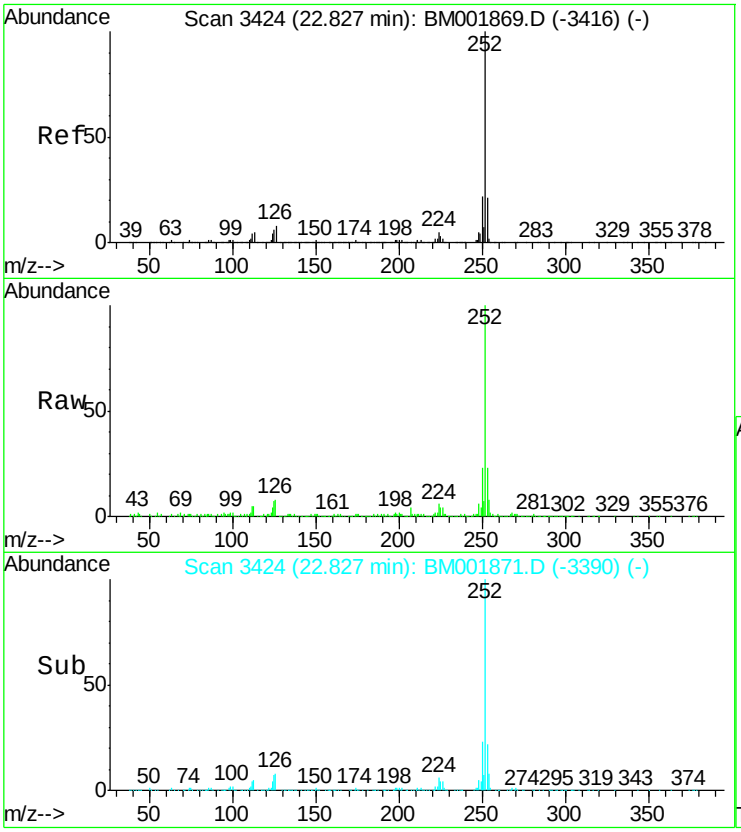


#84
Chrysene
Concen: 14.78 ng/ul
RT: 21.30 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Tgt Ion:228 Resp: 301915

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.4
229	21.8	15.4	23.2



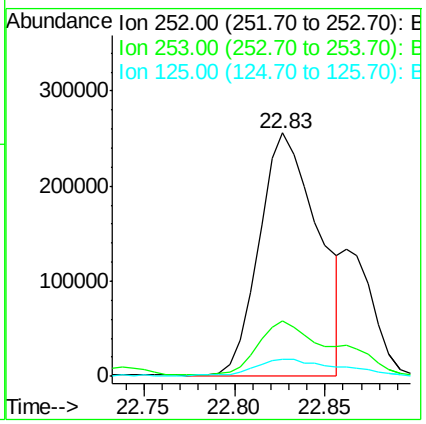


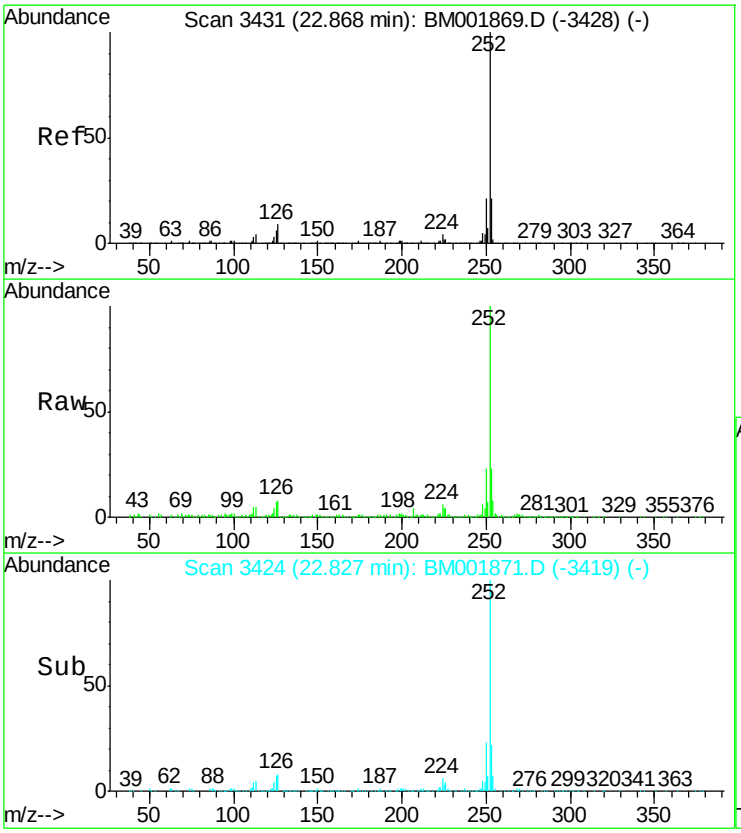
#87
Benzo(b)fluoranthene
Concen: 26.12 ng/ul
RT: 22.83 min Scan# 3424
Delta R.T. -0.00 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 577369

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	7.2	5.3	7.9

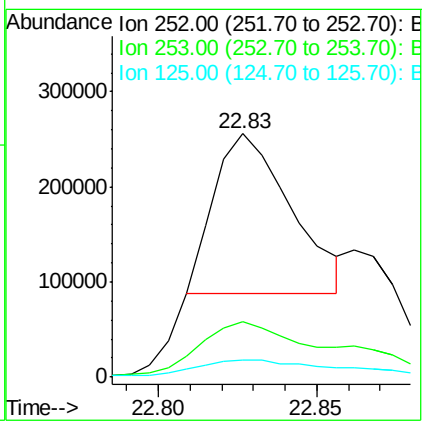


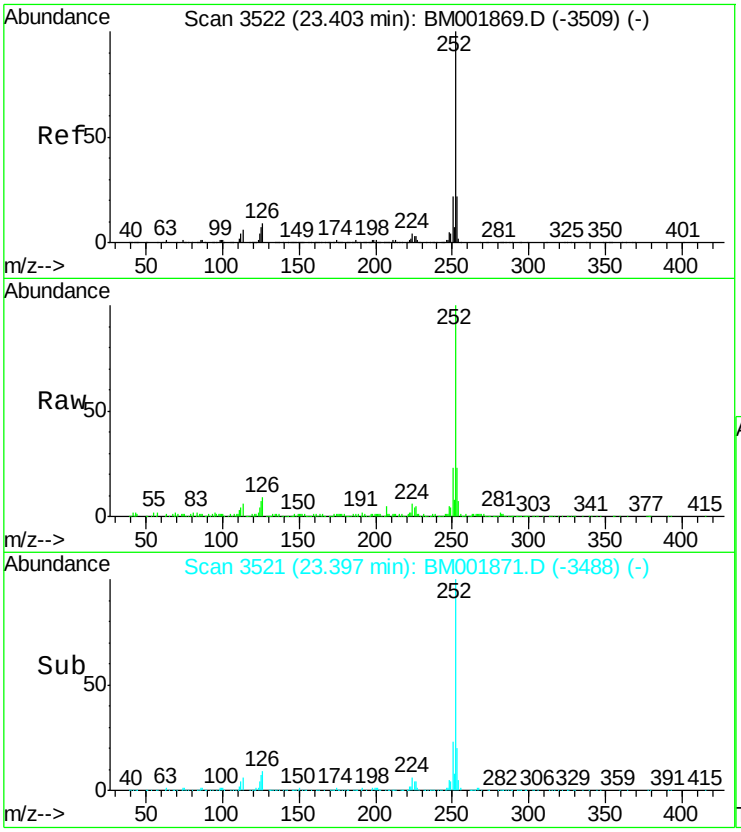


#88
Benzo(k)fluoranthene
Concen: 13.20 ng/ul
RT: 22.83 min Scan# 3424
Delta R.T. -0.04 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Tgt Ion:252 Resp: 281897

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	7.2	5.3	7.9



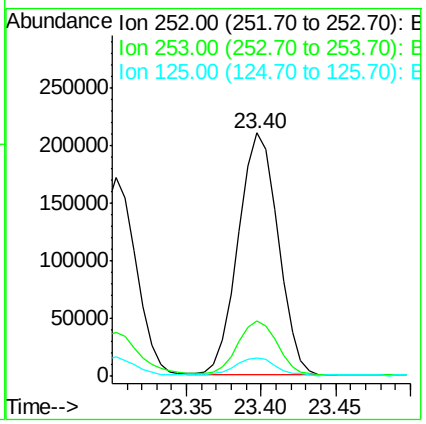


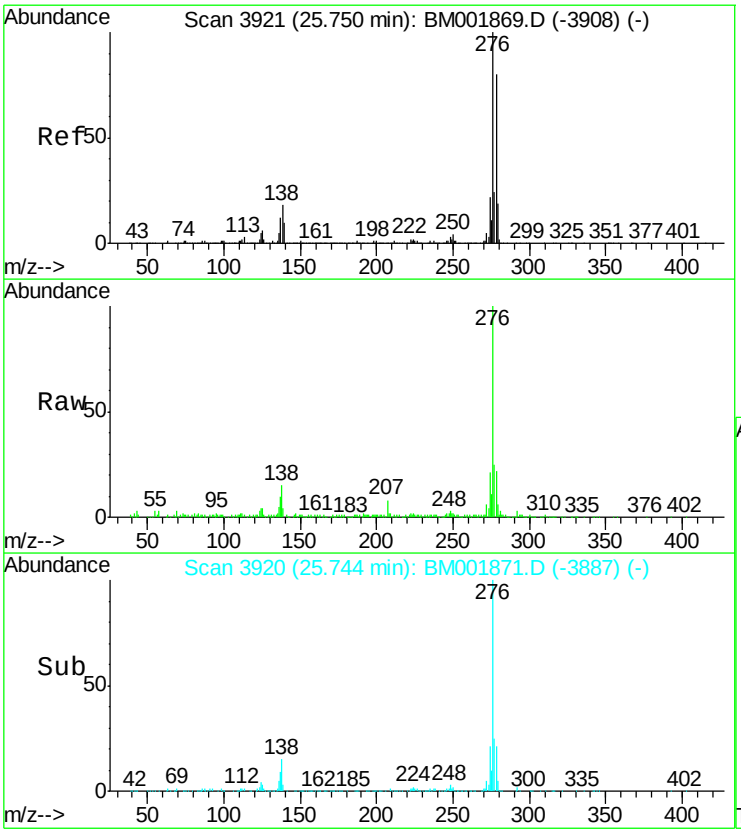
#90
Benzo(a)pyrene
Concen: 18.07 ng/ul
RT: 23.40 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 388548

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	7.3	6.0	9.0

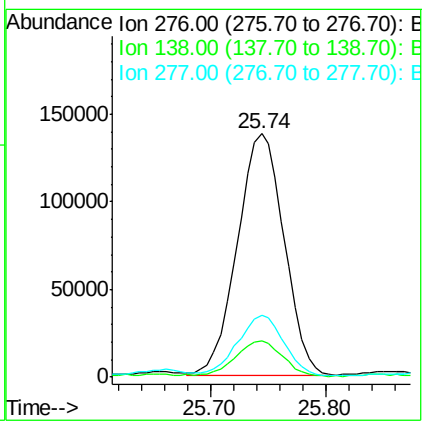


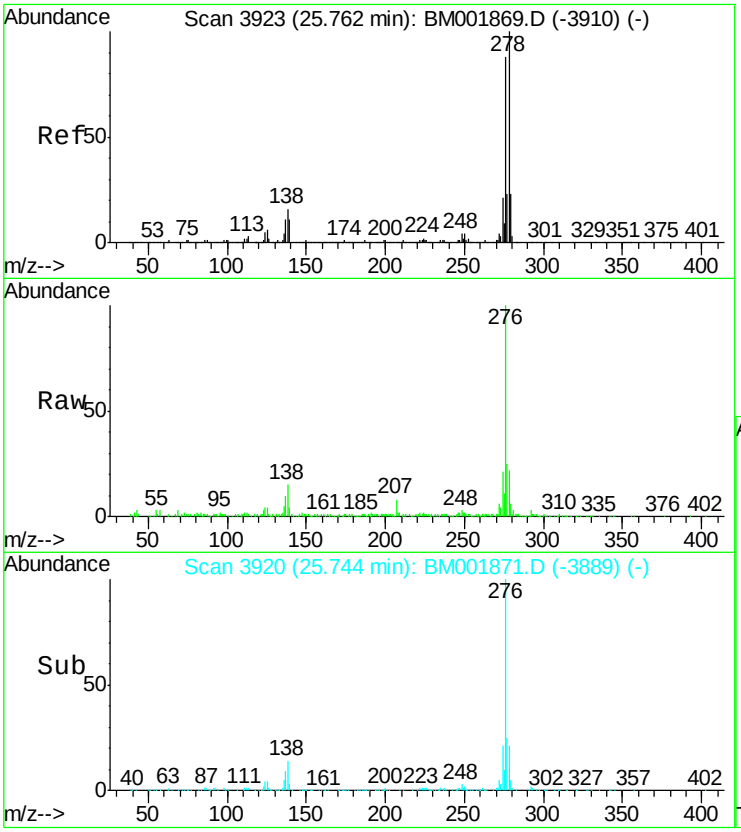


#91
Indeno(1,2,3-cd)pyrene
Concen: 15.19 ng/ul
RT: 25.74 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Tgt Ion:276 Resp: 387328

Ion	Ratio	Lower	Upper
276	100		
138	15.0	14.7	22.1
277	25.4	19.7	29.5



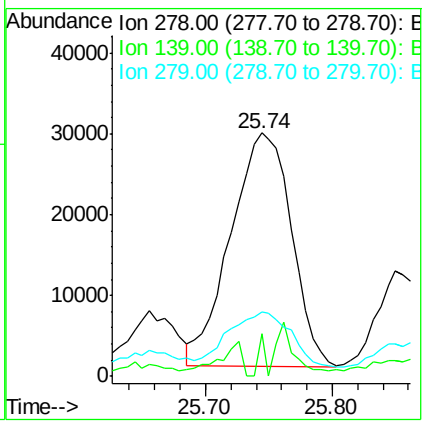


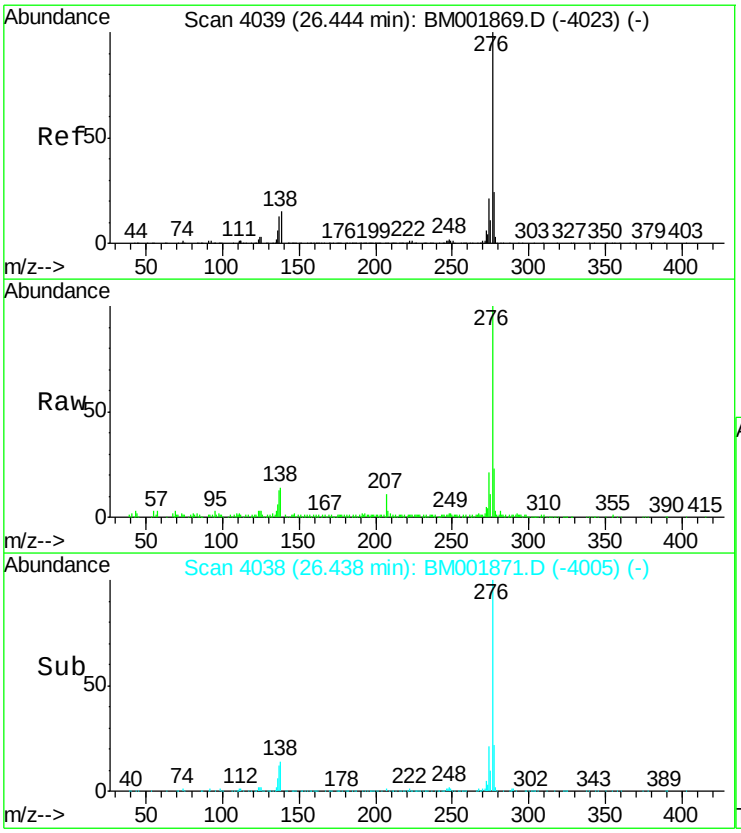
#92
Dibenzo(a,h)anthracene
Concen: 4.49 ng/ul
RT: 25.74 min Scan# 3920
Delta R.T. -0.02 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 96544

Ion	Ratio	Lower	Upper
278	100		
139	17.7	9.2	13.8#
279	26.3	19.1	28.7





#93
Benzo(g,h,i)perylene
Concen: 16.61 ng/ul
RT: 26.44 min Scan# 4038
Delta R.T. -0.01 min
Lab File: BM001871.D
Acq: 07 Jul 2015 19:44

Tgt Ion:276 Resp: 356155

Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.6	19.0
277	22.7	18.7	28.1