Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071416\
Data File : BM006418.D
Acq On : 14 Jul 2016 19:17
Operator : UM/SJ
Sample : PB92088BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK88

Quant Time: Jul 15 04:35:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 15 04:34:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	86854	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	364793	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	229099	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	566901	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	756086	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	804514	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	15061	7.30	ng/uL	0.00
5) Phenol-d5	6.80	99	242126	34.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	152476	35.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	197936	34.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	193041	34.13	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	93119	33.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	109577	35.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	188102	31.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	255716	41.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	664900	35.46	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	773334	33.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	109480	33.61	ng/ul	0.00
57) Fluorene-d10	15.27	176	560866	33.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	95116	29.00	ng/ul	0.00
70) Anthracene-d10	17.12	188	925268	34.53	ng/ul	0.00
76) Pyrene-d10	19.42	212	1106444	32.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	1303482	35.43	ng/ul	0.00
Target Compounds						Qvalue
8) Bis(2-Chloroethyl)ether	7.06	93	714	0.13	ng/ul#	78
12) 2,2'-oxybis(1-Chloropropan	8.33	45	1379	0.15	ng/ul#	69
15) N-Nitroso-di-n-propylamine	8.33	70	5339	1.14	ng/ul#	1
20) Nitrobenzene	8.77	77	654	0.09	ng/ul#	42
21) Isophorone	9.49	82	11526	0.88	ng/ul#	73
45) 2,6-Dinitrotoluene	13.69	165	3593	0.95	ng/ul#	34
58) Fluorene	15.27	166	1371	0.08	ng/ul#	8
64) N-Nitrosodiphenylamine	15.40	169	876	0.05	ng/ul#	24
69) Phenanthrene	17.07	178	323	0.01	ng/ul#	61
71) Anthracene	17.15	178	406	0.01	ng/ul#	61
72) Carbazole	17.43	167	260	0.01	ng/ul#	60
73) Di-n-butylphthalate	17.99	149	1702	0.05	ng/ul#	78
74) Fluoranthene	19.09	202	1112	0.03	ng/ul#	74
77) Pyrene	19.45	202	1678	0.04	ng/ul#	70
78) Butylbenzylphthalate	20.36	149	241	0.01	ng/ul#	80
80) Benzo(a)anthracene	21.22	228	2865	0.06	ng/ul#	66
81) Bis(2-ethylhexyl)phthalate	21.14	149	3343	0.12	ng/ul#	81
82) Chrysene	21.26	228	1406	0.03	ng/ul#	59
84) Di-n-octyl phthalate	22.00	149	971	0.02	ng/ul#	1
85) Benzo(b)fluoranthene	22.77	252	415	0.01	ng/ul#	20
86) Benzo(k)fluoranthene	22.77	252	415	0.01	ng/ul#	20
88) Benzo(a)pyrene	23.29	252	4740	0.10	ng/ul#	64

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071416\
Data File : BM006418.D
Acq On : 14 Jul 2016 19:17
Operator : UM/SJ
Sample : PB92088BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK88

Quant Time: Jul 15 04:35:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 15 04:34:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071416\
Data File : BM006418.D
Acq On : 14 Jul 2016 19:17
Operator : UM/SJ
Sample : PB92088BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
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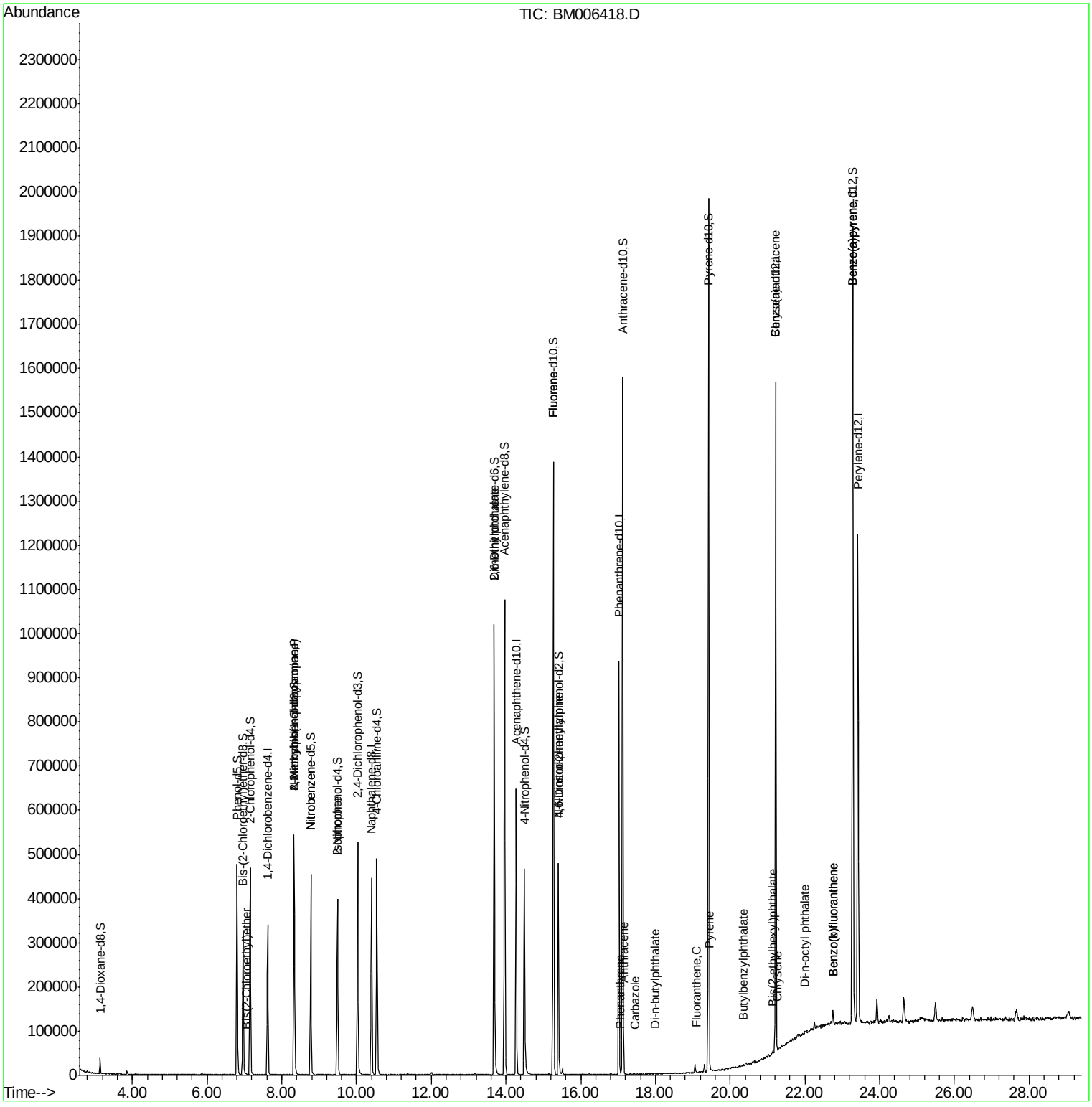
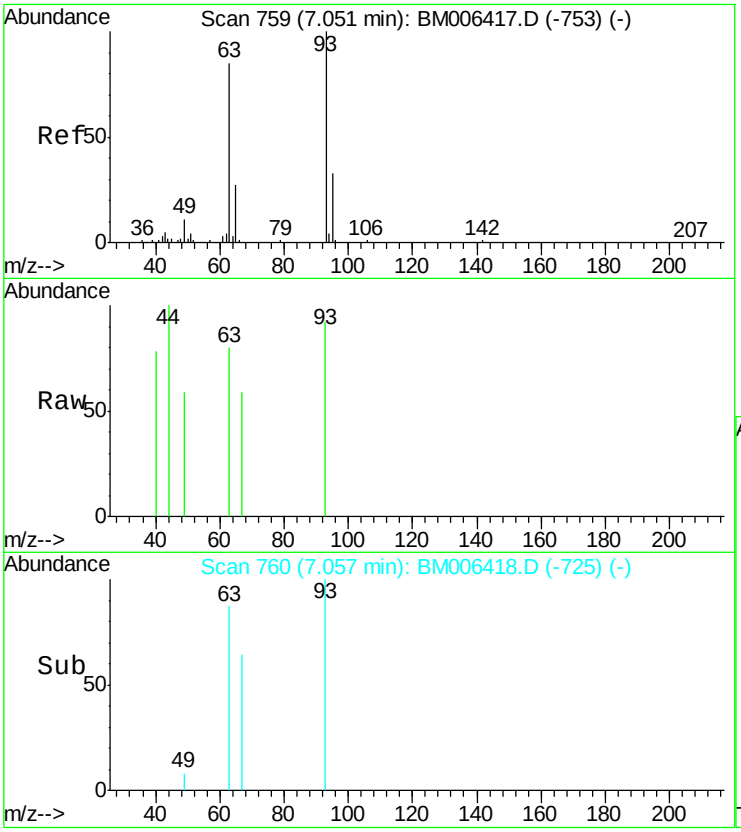
Quant Time: Jul 15 04:35:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 15 04:34:07 2016
Response via : Initial Calibration



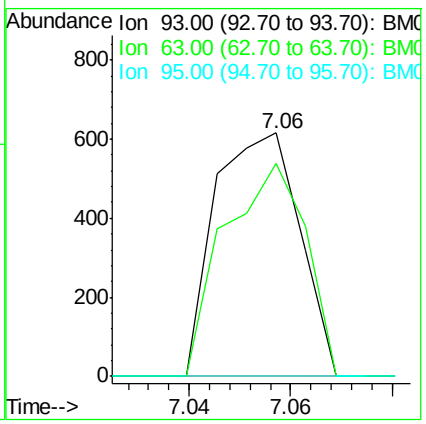


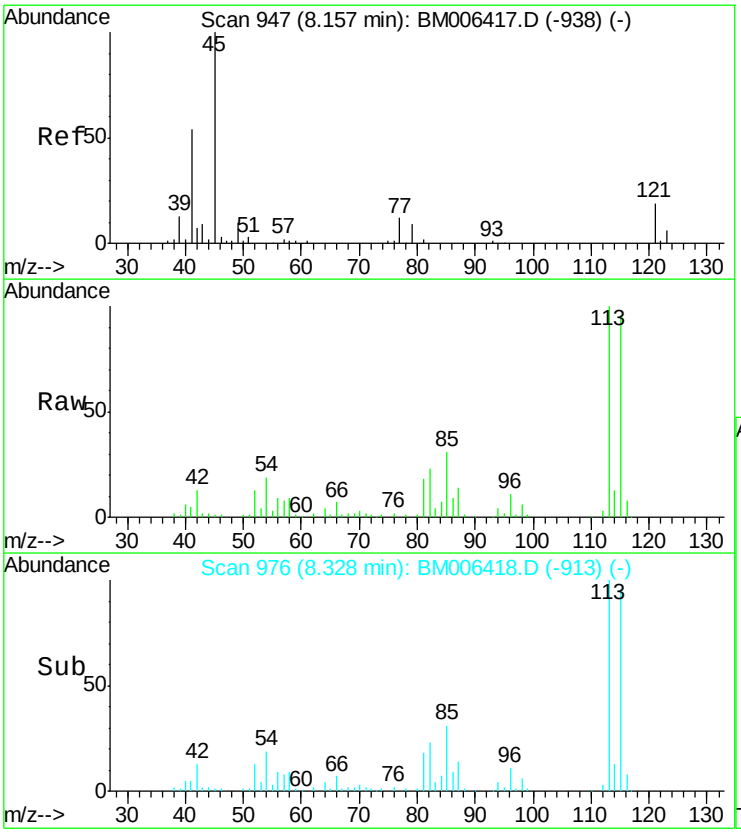
#8
Bis(2-Chloroethyl)ether
Concen: 0.13 ng/ul
RT: 7.06 min Scan# 760
Delta R.T. 0.01 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Instrument :
BNA_M
ClientSampleId :
SBLK88

Tgt Ion: 93 Resp: 714

Ion	Ratio	Lower	Upper
93	100		
63	87.3	64.2	96.4
95	0.0	26.0	39.0#

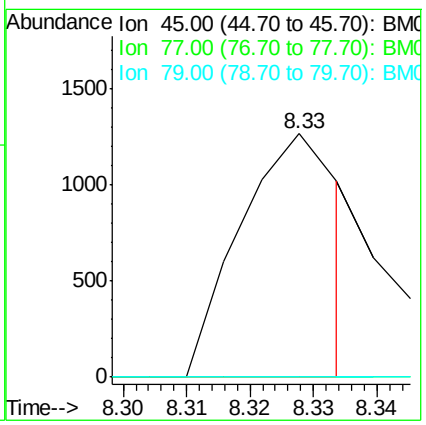


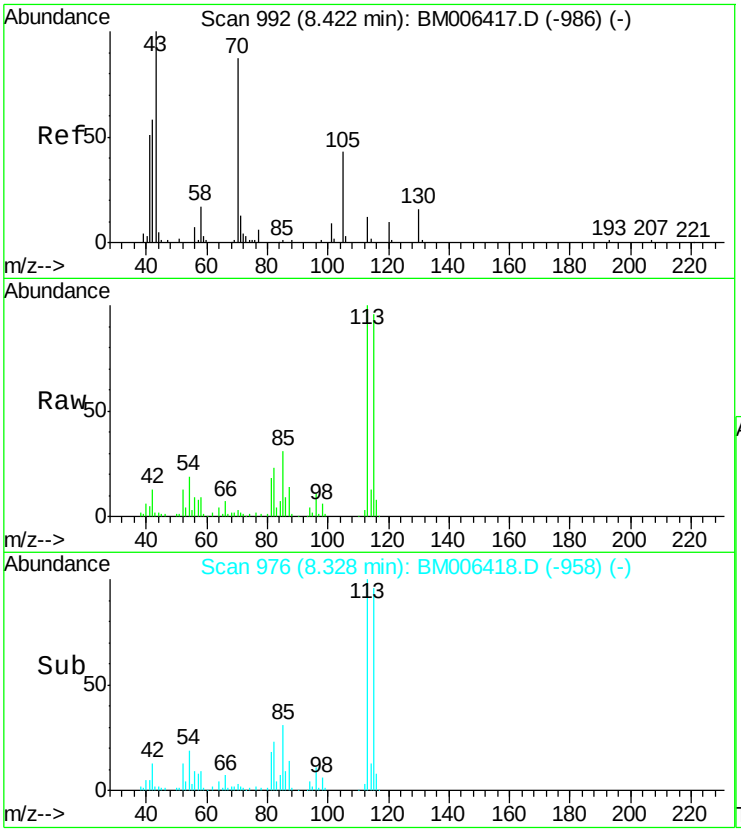


#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.15 ng/ul
RT: 8.33 min Scan# 976
Delta R.T. 0.17 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Tgt Ion: 45 Resp: 1379

Ion	Ratio	Lower	Upper
45	100		
77	0.0	11.0	16.4#
79	0.0	8.2	12.4#



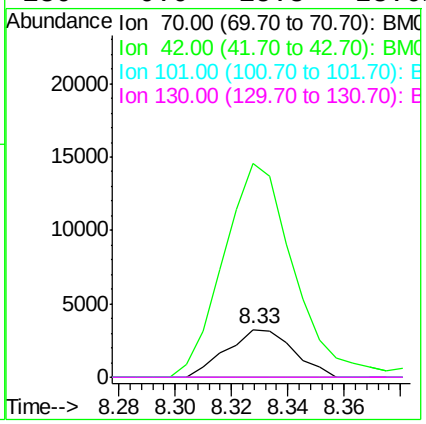


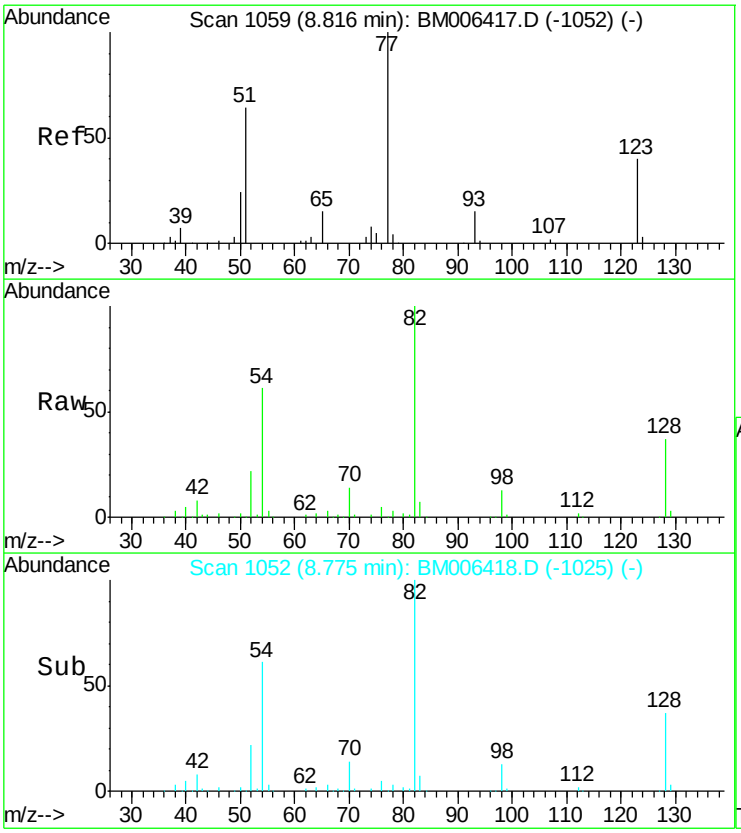
#15
N-Nitroso-di-n-propylamine
Concen: 1.14 ng/ul
RT: 8.33 min Scan# 976
Delta R.T. -0.09 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Instrument :
BNA_M
ClientSampleId :
SBLK88

Tgt Ion: 70 Resp: 5339

Ion	Ratio	Lower	Upper
70	100		
42	445.6	50.6	75.8#
101	0.0	7.9	11.9#
130	0.0	15.8	23.6#

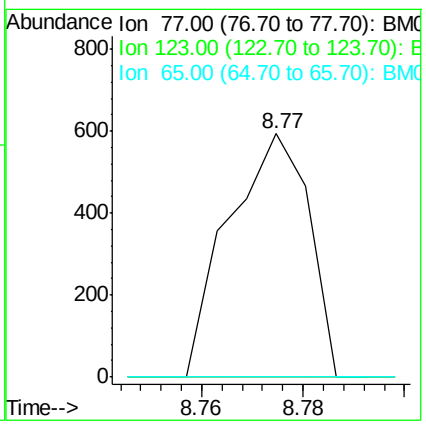


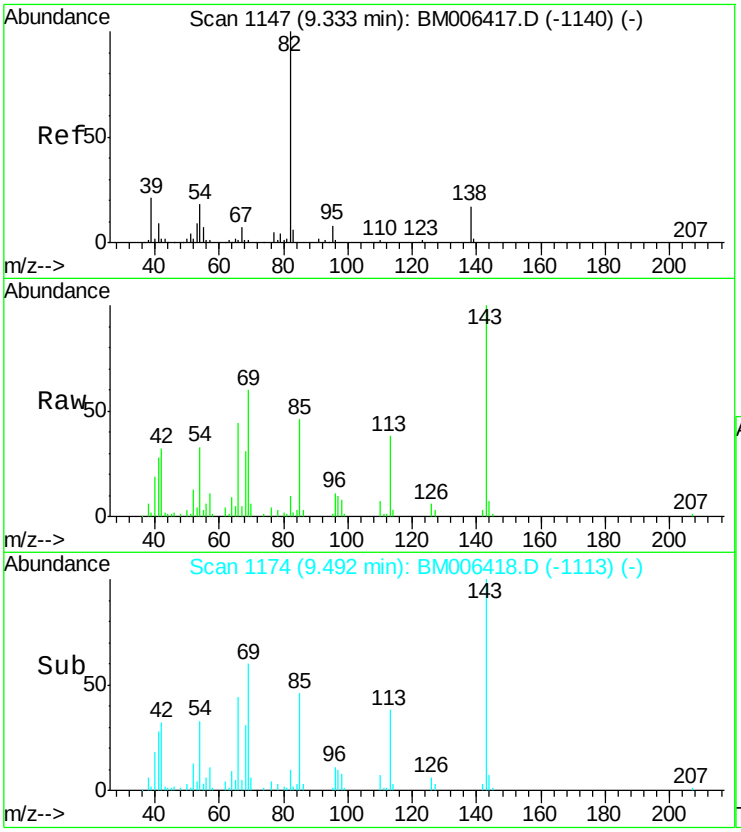


#20
Nitrobenzene
Concen: 0.09 ng/ul
RT: 8.77 min Scan# 1052
Delta R.T. -0.04 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Tgt Ion: 77 Resp: 654

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.4#
65	0.0	11.5	17.3#



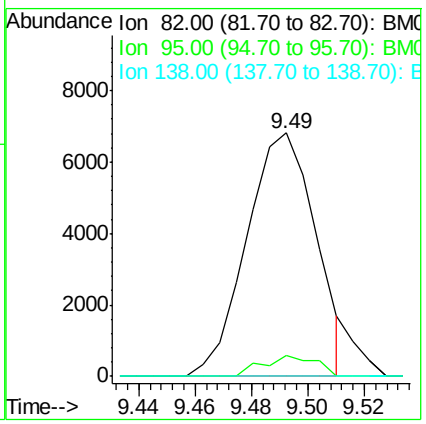


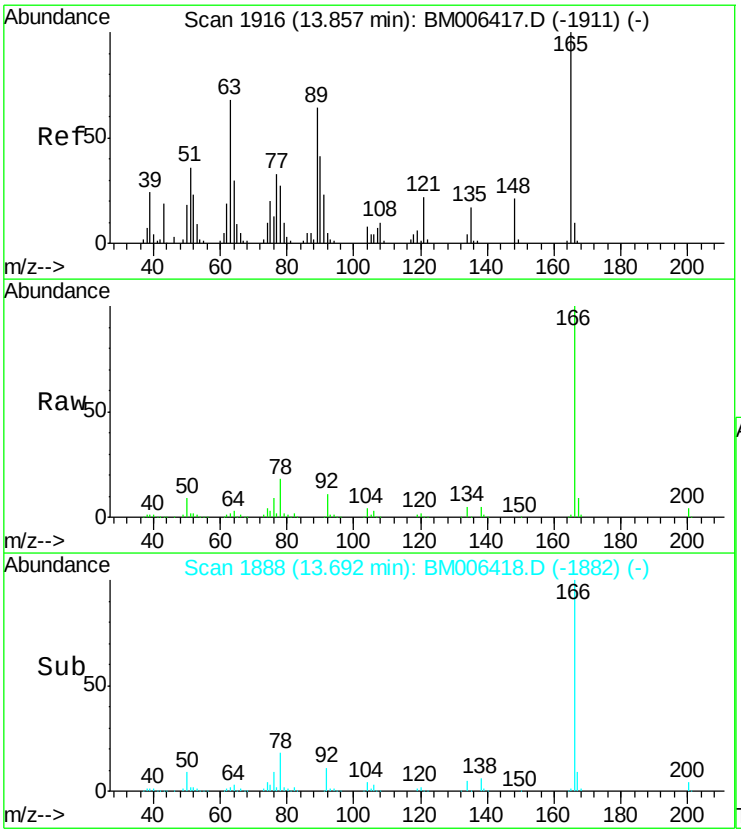
#21
Isophorone
Concen: 0.88 ng/ul
RT: 9.49 min Scan# 1174
Delta R.T. 0.16 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Instrument :
BNA_M
ClientSampleId :
SBLK88

Tgt Ion: 82 Resp: 11526

Ion	Ratio	Lower	Upper
82	100		
95	8.7	6.0	9.0
138	0.0	13.0	19.4#

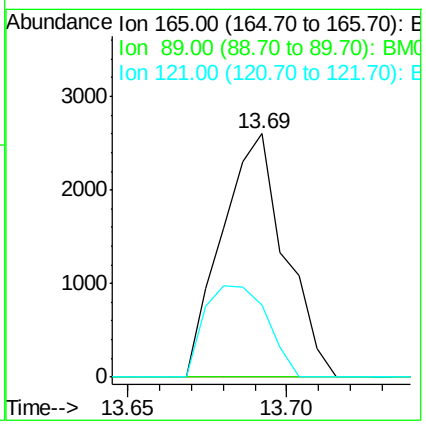


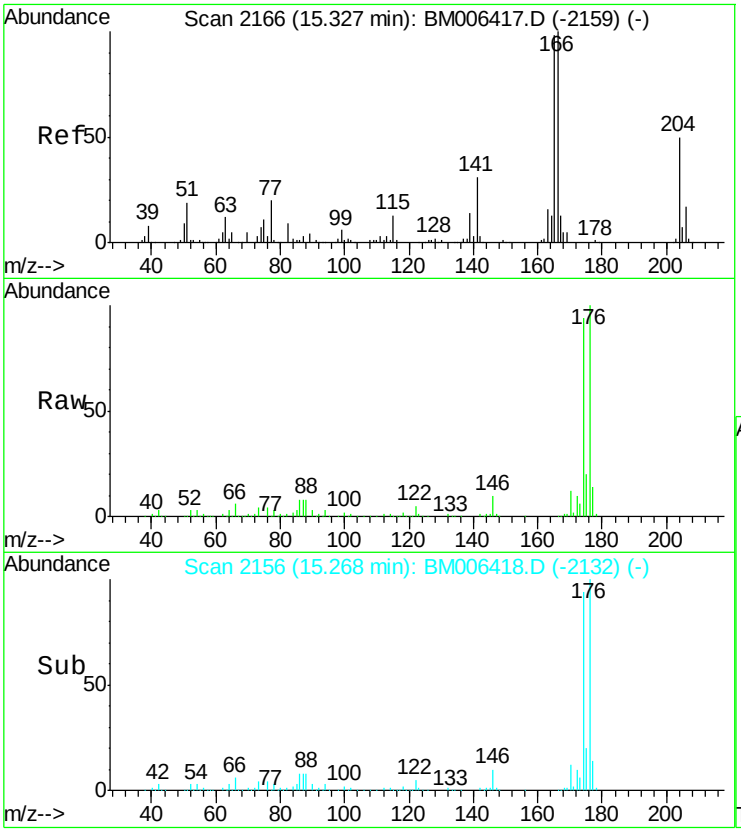


#45
2,6-Dinitrotoluene
Concen: 0.95 ng/ul
RT: 13.69 min Scan# 1888
Delta R.T. -0.16 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Tgt Ion:165 Resp: 3593

Ion	Ratio	Lower	Upper
165	100		
89	0.0	52.1	78.1#
121	29.7	17.3	25.9#



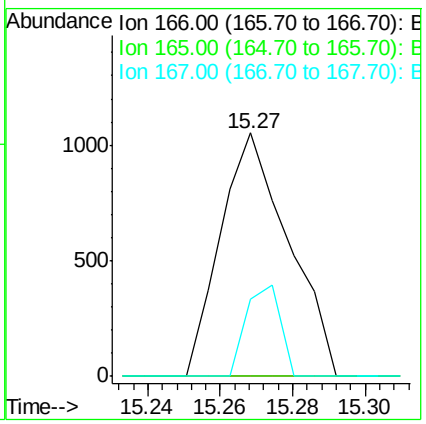


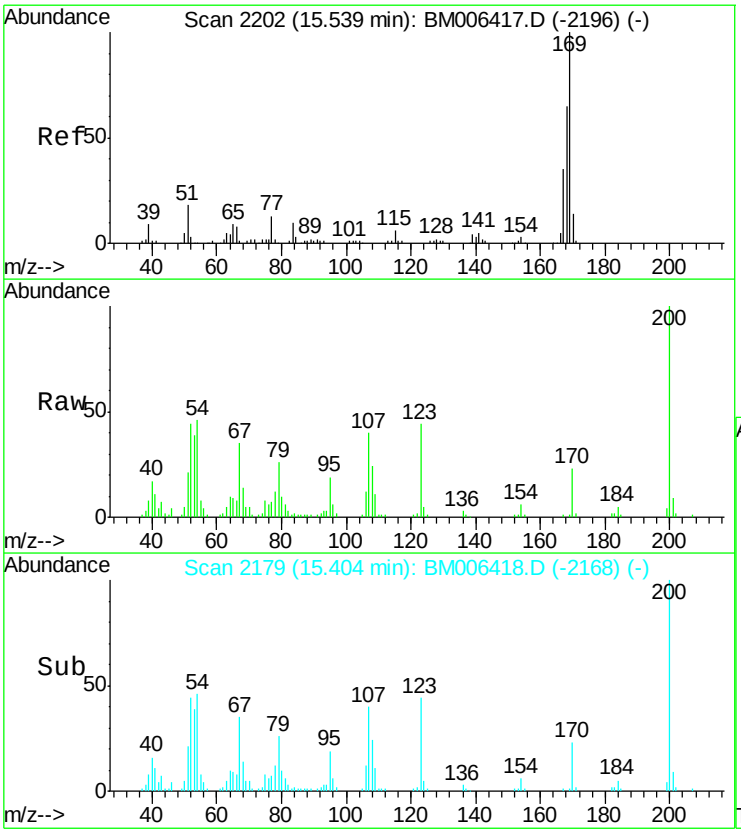
#58
Fluorene
Concen: 0.08 ng/ul
RT: 15.27 min Scan# 2156
Delta R.T. -0.06 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Instrument :
BNA_M
ClientSampleId :
SBLK88

Tgt Ion:166 Resp: 1371

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.5	116.3#
167	31.9	10.8	16.2#

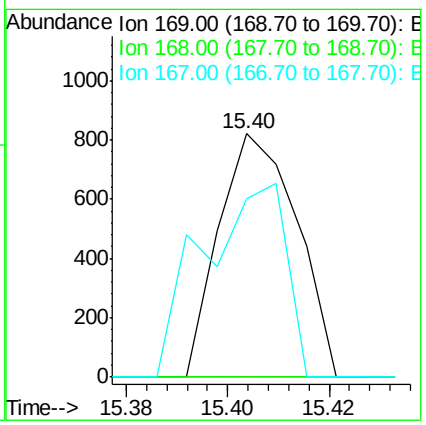


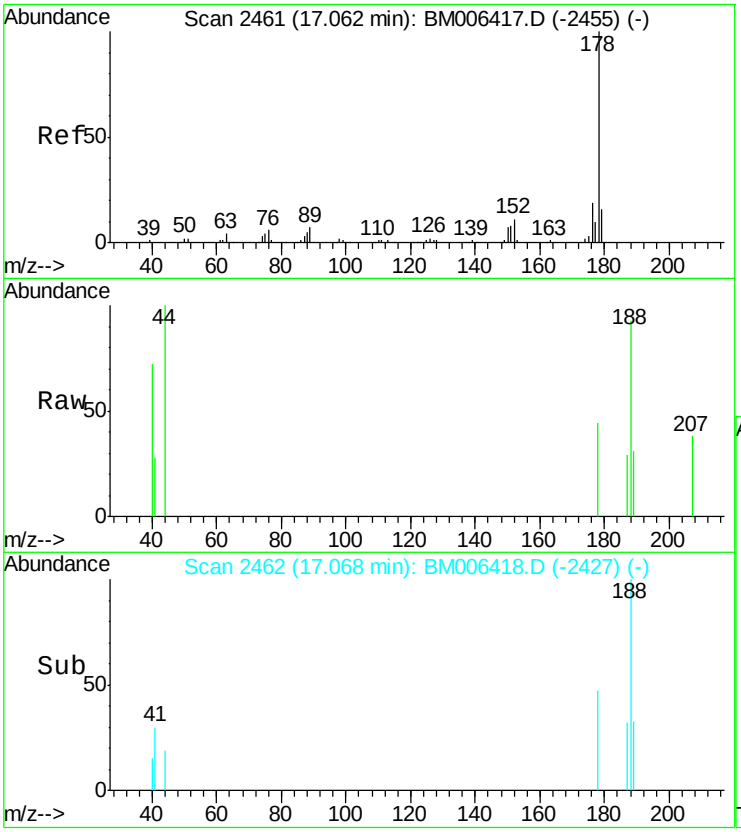


#64
N-Nitrosodiphenylamine
Concen: 0.05 ng/ul
RT: 15.40 min Scan# 2179
Delta R.T. -0.14 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Tgt Ion:169 Resp: 876

Ion	Ratio	Lower	Upper
169	100		
168	0.0	52.9	79.3#
167	73.1	28.7	43.1#



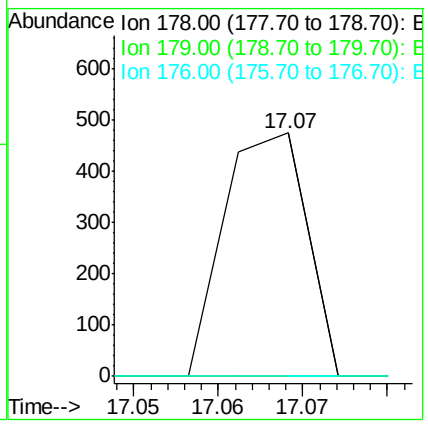


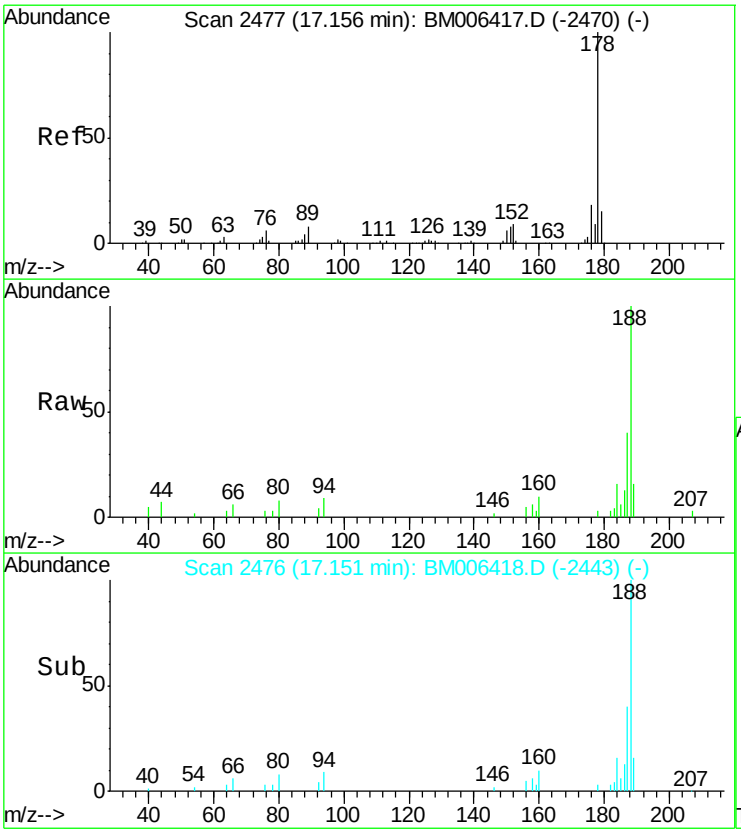
#69
Phenanthrene
Concen: 0.01 ng/ul
RT: 17.07 min Scan# 2462
Delta R.T. 0.01 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Instrument :
BNA_M
ClientSampleId :
SBLK88

Tgt Ion:178 Resp: 323

Ion	Ratio	Lower	Upper
178	100		
179	0.0	11.9	17.9#
176	0.0	15.2	22.8#

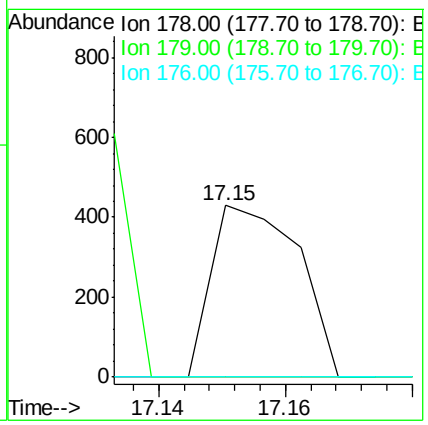


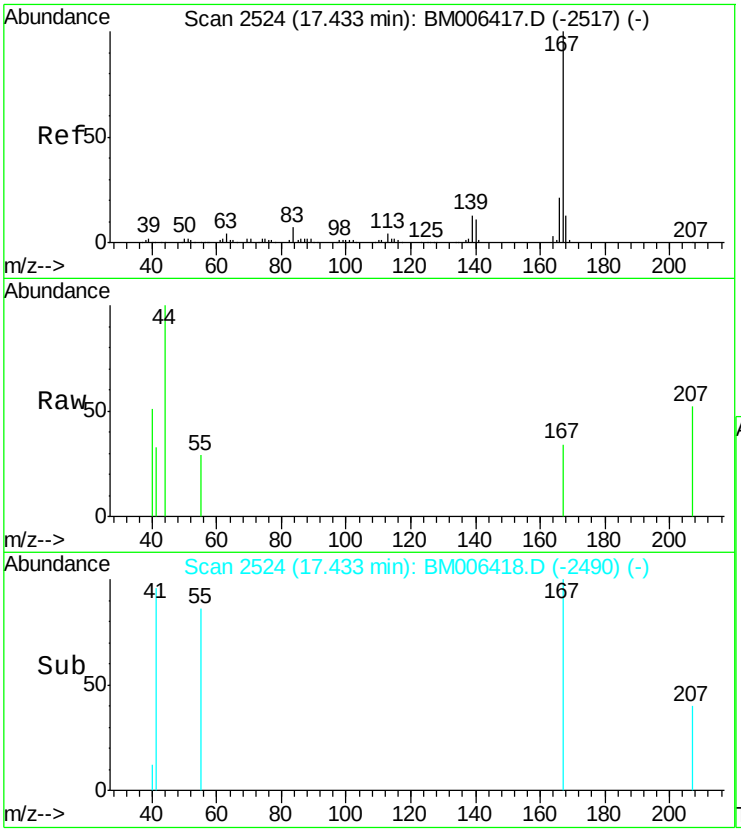


#71
Anthracene
Concen: 0.01 ng/ul
RT: 17.15 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Tgt Ion:178 Resp: 406

Ion	Ratio	Lower	Upper
178	100		
179	0.0	12.0	18.0#
176	0.0	15.0	22.6#



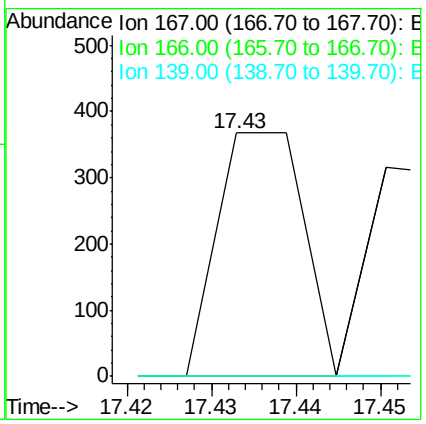


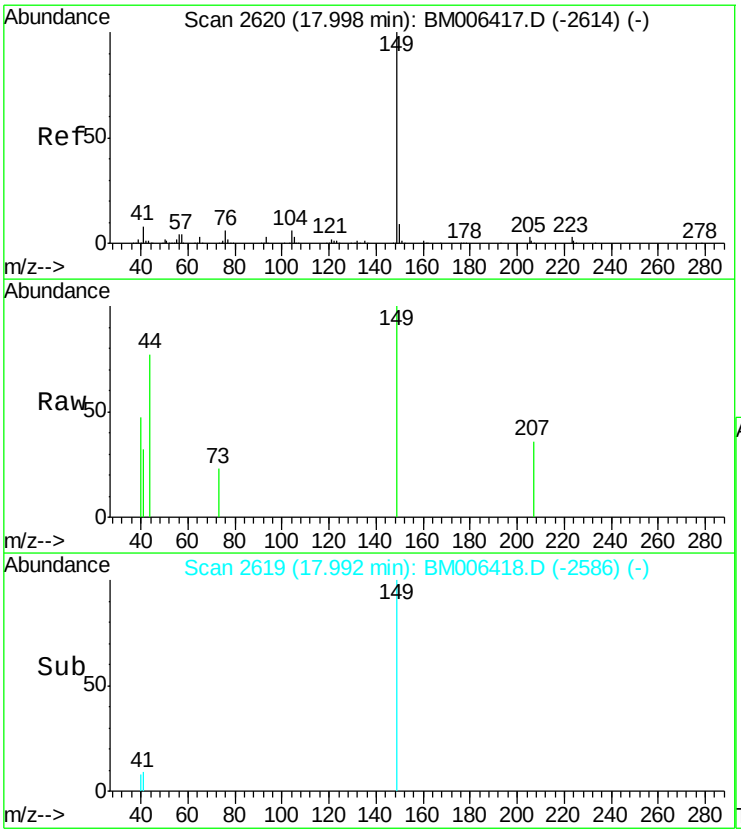
#72
Carbazole
Concen: 0.01 ng/ul
RT: 17.43 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Instrument :
BNA_M
ClientSampleId :
SBLK88

Tgt Ion:167 Resp: 260

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.0	25.6#
139	0.0	10.2	15.4#

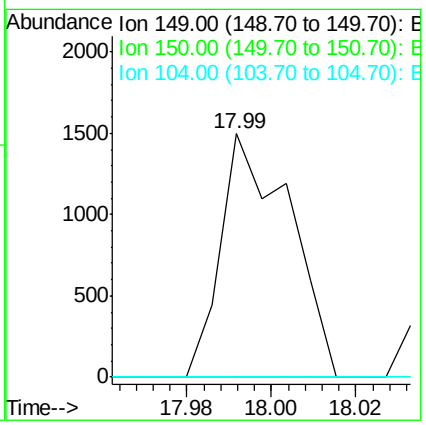


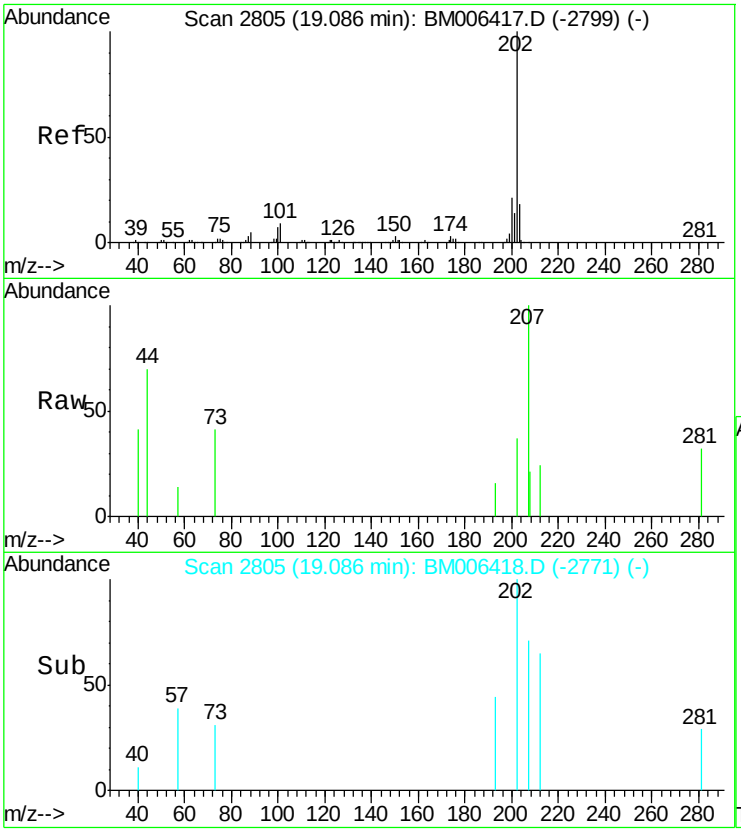


#73
Di-n-butylphthalate
Concen: 0.05 ng/ul
RT: 17.99 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Tgt Ion:149 Resp: 1702

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.1	10.7#
104	0.0	4.4	6.6#



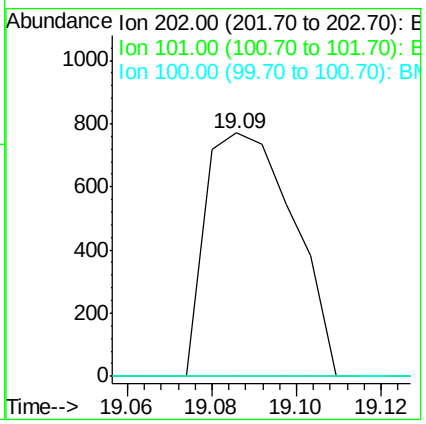


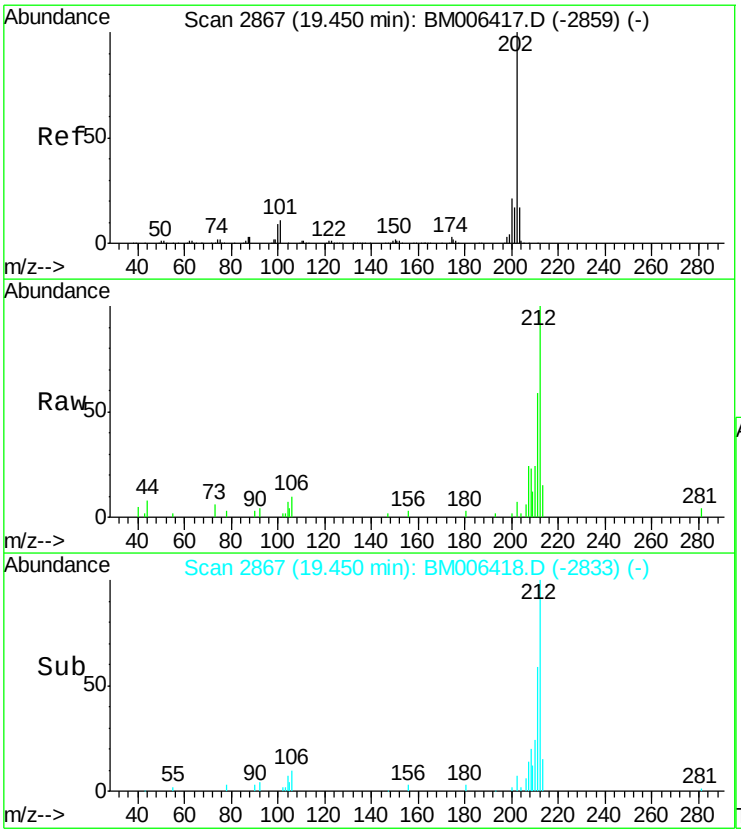
#74
Fluoranthene
Concen: 0.03 ng/ul
RT: 19.09 min Scan# 2805
Delta R.T. 0.00 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Instrument :
BNA_M
ClientSampleId :
SBLK88

Tgt Ion:202 Resp: 1112

Ion	Ratio	Lower	Upper
202	100		
101	0.0	8.6	12.8#
100	0.0	6.4	9.6#

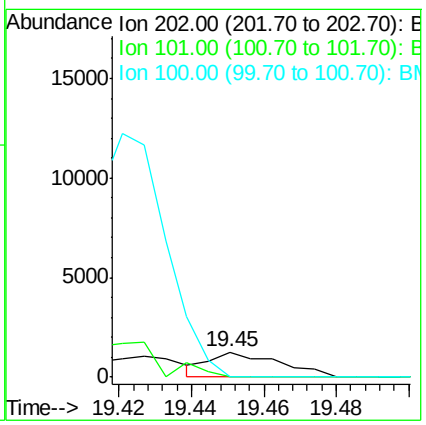


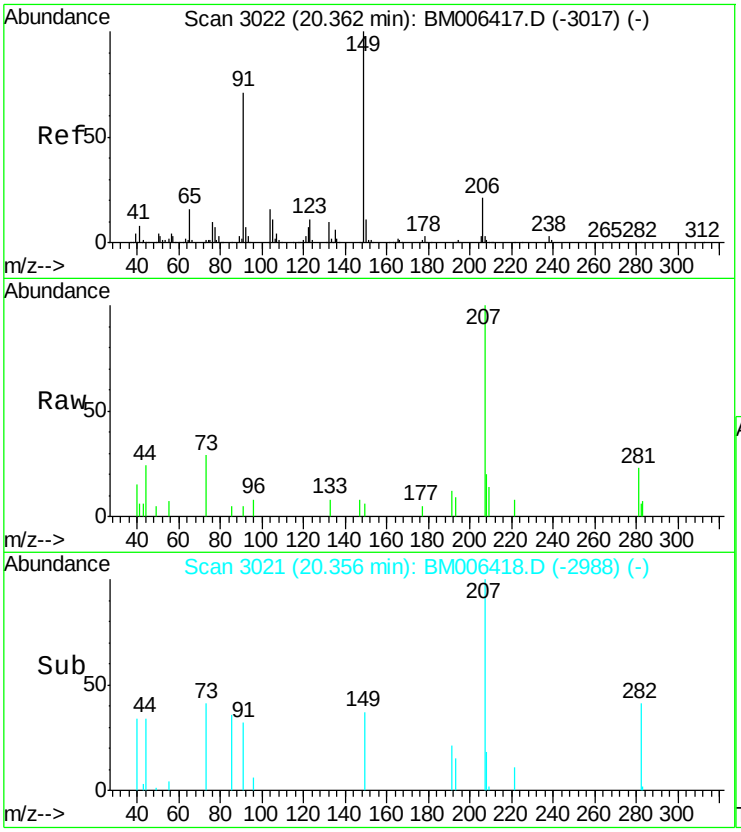


#77
Pyrene
Concen: 0.04 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Tgt Ion:202 Resp: 1678

Ion	Ratio	Lower	Upper
202	100		
101	0.0	10.0	15.0#
100	0.0	7.9	11.9#



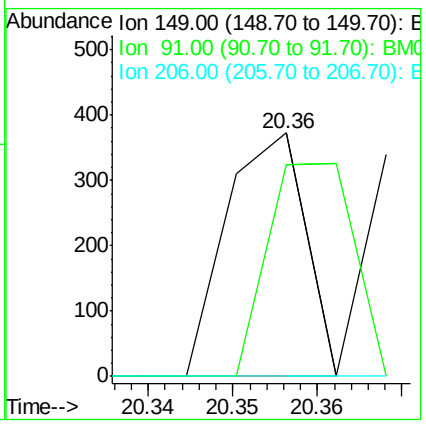


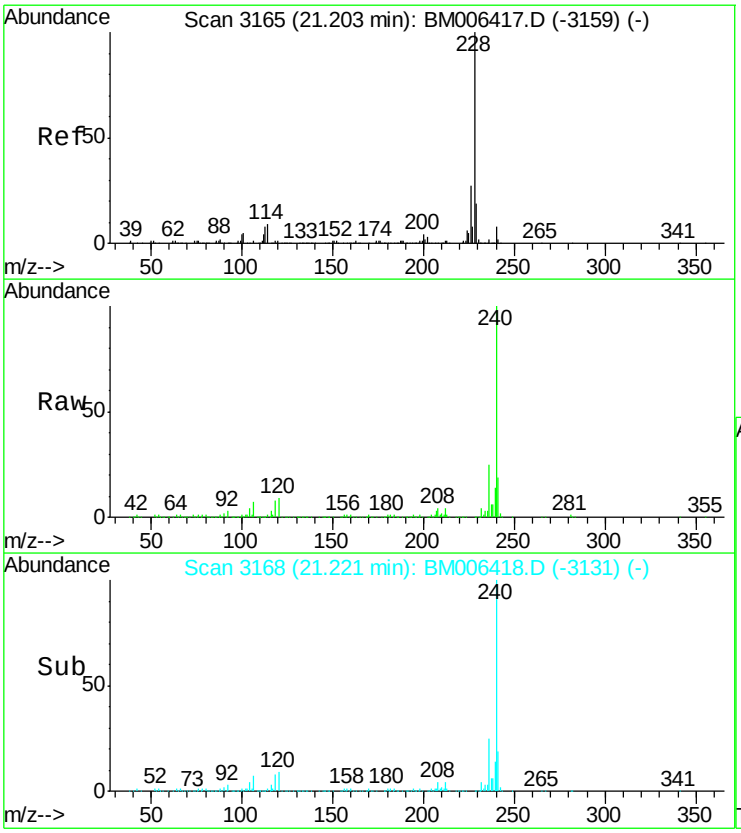
#78
Butylbenzylphthalate
Concen: 0.01 ng/ul
RT: 20.36 min Scan# 3021
Delta R.T. -0.01 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Instrument :
BNA_M
ClientSampleId :
SBLK88

Tgt Ion:149 Resp: 241

Ion	Ratio	Lower	Upper
149	100		
91	87.1	60.9	91.3
206	0.0	17.2	25.8#

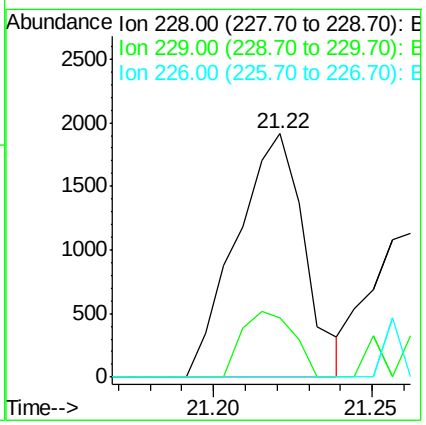


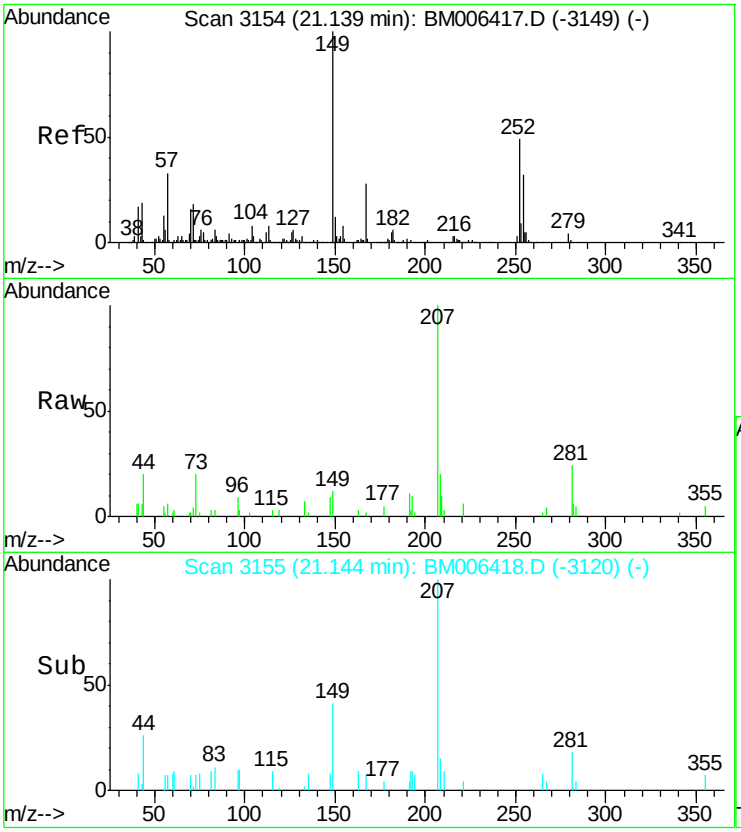


#80
Benzo(a)anthracene
Concen: 0.06 ng/ul
RT: 21.22 min Scan# 3168
Delta R.T. 0.02 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Tgt Ion:228 Resp: 2865

Ion	Ratio	Lower	Upper
228	100		
229	24.1	15.6	23.4#
226	0.0	21.4	32.2#



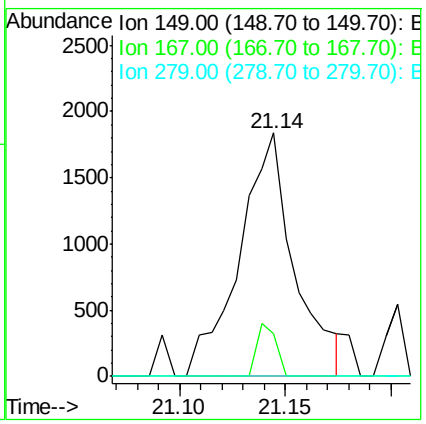


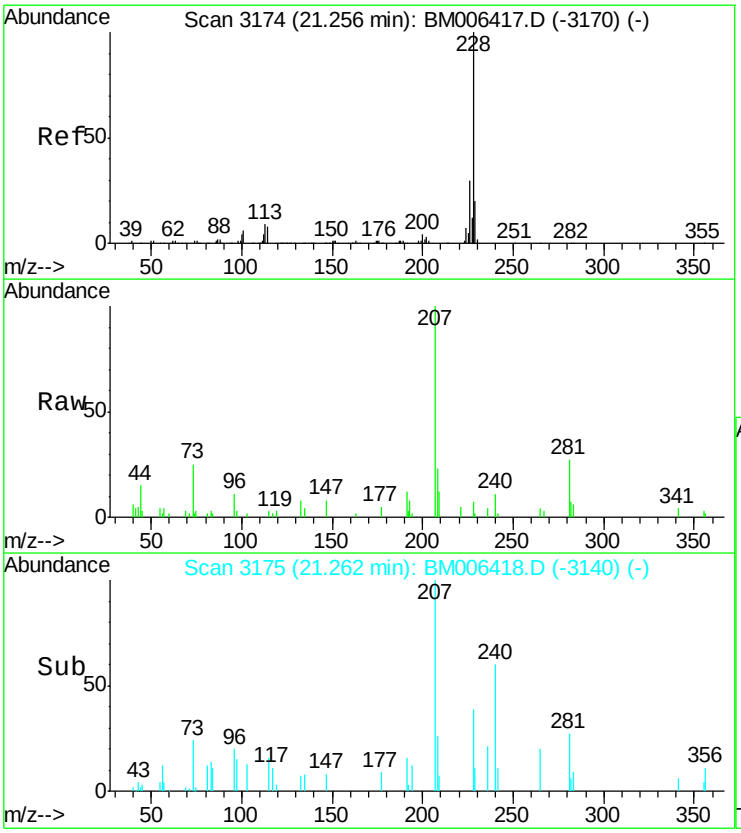
#81
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng/ul
RT: 21.14 min Scan# 3155
Delta R.T. 0.01 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Instrument :
BNA_M
ClientSampleId :
SBLK88

Tgt Ion:149 Resp: 3343

Ion	Ratio	Lower	Upper
149	100		
167	17.5	22.2	33.2#
279	0.0	3.1	4.7#

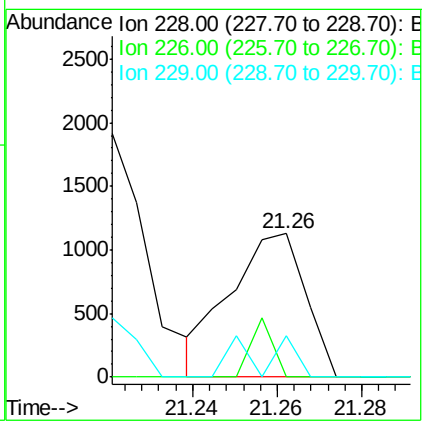


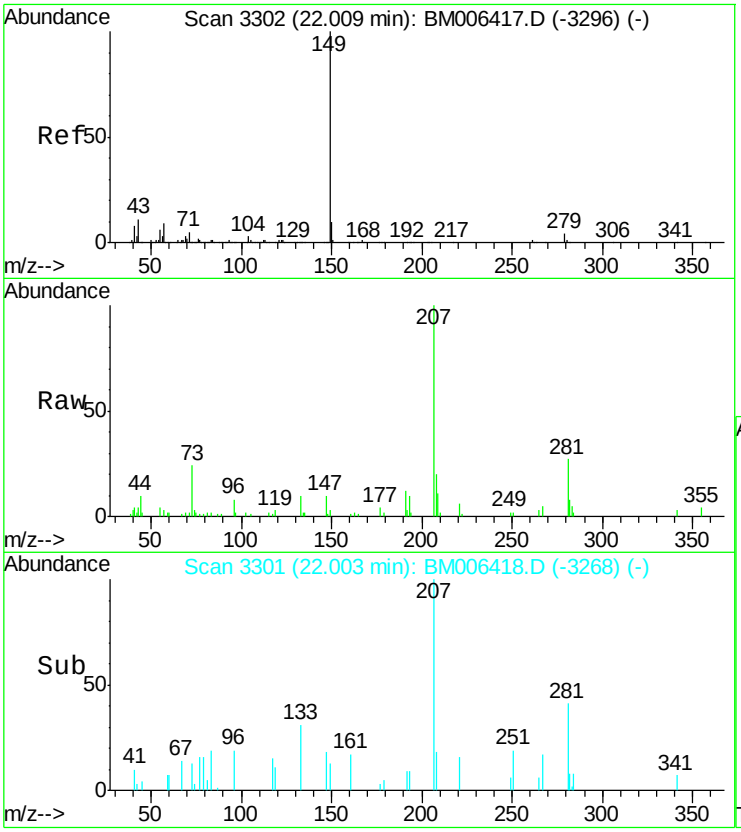


#82
Chrysene
Concen: 0.03 ng/ul
RT: 21.26 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Tgt Ion:228 Resp: 1406

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.3	34.9#
229	29.1	15.8	23.8#



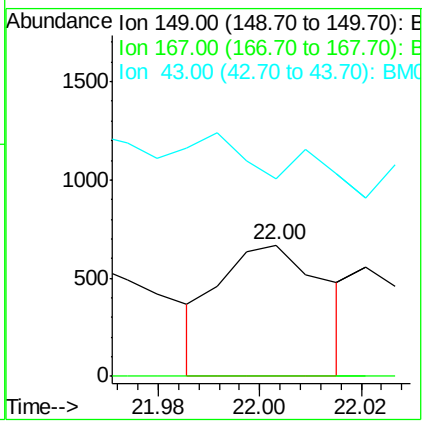


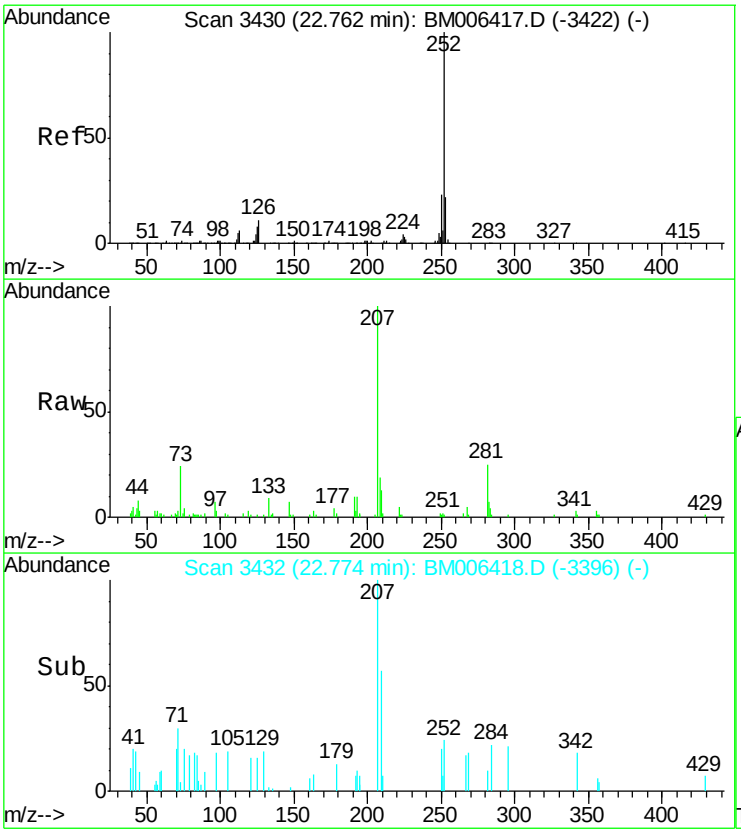
#84
Di-n-octyl phthalate
Concen: 0.02 ng/ul
RT: 22.00 min Scan# 3301
Delta R.T. -0.01 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Instrument :
BNA_M
ClientSampleId :
SBLK88

Tgt Ion:149 Resp: 971

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	150.8	9.1	13.7#

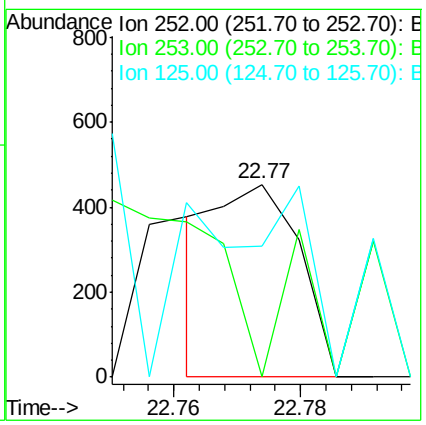


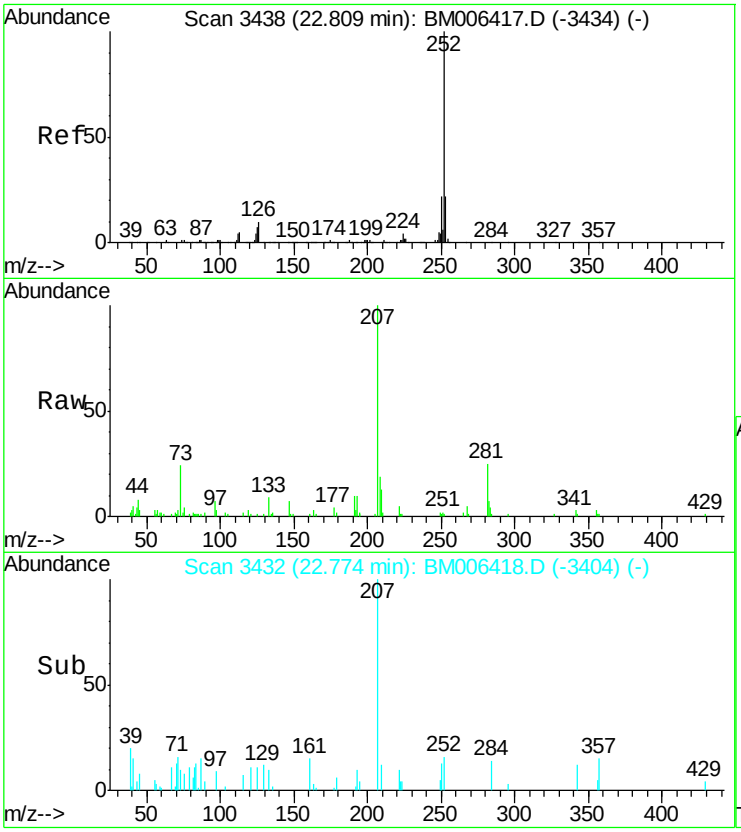


#85
Benzo(b)fluoranthene
Concen: 0.01 ng/ul
RT: 22.77 min Scan# 3432
Delta R.T. 0.01 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Tgt Ion:252 Resp: 415

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	68.0	6.7	10.1#



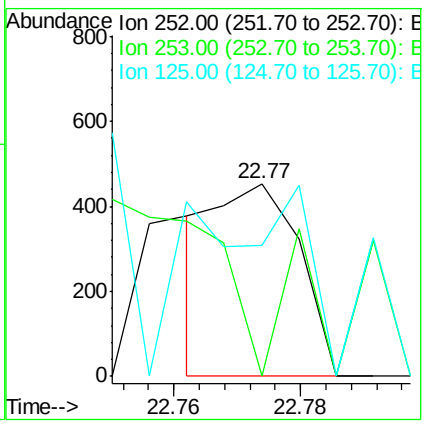


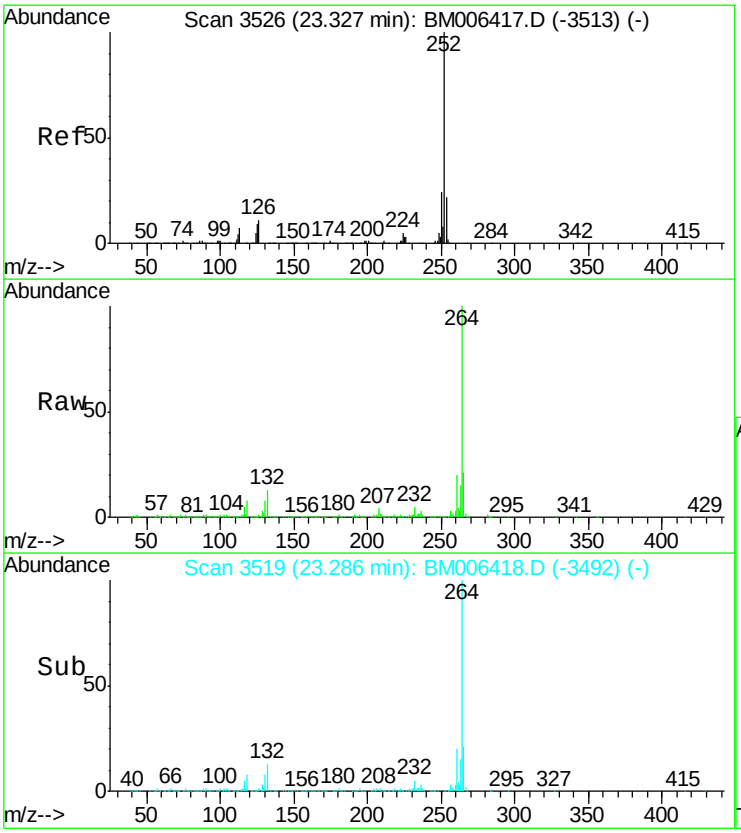
#86
Benzo(k)fluoranthene
Concen: 0.01 ng/ul
RT: 22.77 min Scan# 3432
Delta R.T. -0.04 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Instrument :
BNA_M
ClientSampleId :
SBLK88

Tgt Ion:252 Resp: 415

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.3	25.9#
125	68.0	7.0	10.4#





#88
Benzo(a)pyrene
Concen: 0.10 ng/ul
RT: 23.29 min Scan# 3519
Delta R.T. -0.04 min
Lab File: BM006418.D
Acq: 14 Jul 2016 19:17

Tgt Ion:252 Resp: 4740

Ion	Ratio	Lower	Upper
252	100		
253	37.2	17.4	26.2#
125	25.3	7.6	11.4#