Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012848.D
Acq On : 09 Nov 2017 11:30
Operator : SJ/JU
Sample : I6096-05MSD 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-52(0-1)-102317MSD

Quant Time: Nov 09 13:55:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	138781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	554716	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	307938	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	110525	20.00	ng/ul	0.10
77) Chrysene-d12	21.37	240	539632	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	624897	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	1895	0.74	ng/uL	0.00
5) Phenol-d5	6.99	99	37110	3.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	20856	3.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	31921	3.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	30426	3.41	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	17027	4.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	14886	3.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	33497	3.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	9488	1.02	ng/ul	-0.02
43) Dimethylphthalate-d6	13.85	166	101599	3.99	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	111948	3.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	10262	2.51	ng/ul	0.01
57) Fluorene-d10	15.43	176	81187	3.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.29	188	110525	20.70	ng/ul	0.00
78) Pyrene-d10	19.58	212	99725	3.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	117860	3.99	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.95	77	10778	1.962	ng/ul#	1
6) Phenol	7.01	94	37185	3.508	ng/ul#	87
10) 2-Chlorophenol	7.37	128	27519	3.106	ng/ul	97
14) Acetophenone	8.60	105	35366	2.637	ng/ul#	38
15) N-Nitroso-di-n-propylamine	8.60	70	18603	2.885	ng/ul	93
17) Hexachloroethane	8.90	117	27696	7.765	ng/ul#	7
28) Naphthalene	10.64	128	82719	2.983	ng/ul	99
33) 4-Chloro-3-methylphenol	11.89	107	28721	3.152	ng/ul	99
44) Dimethylphthalate	13.90	163	34138	1.350	ng/ul	98
49) Acenaphthene	14.50	153	62369	2.997	ng/ul	95
52) 4-Nitrophenol	14.69	109	6492	1.802	ng/ul	97
54) 2,4-Dinitrotoluene	14.82	165	15146	2.035	ng/ul#	96
67) Atrazine	16.86	200	1715	1.287	ng/ul#	47
68) Pentachlorophenol	16.85	266	11480	12.393	ng/ul	88
69) Phenanthrene	17.23	178	103756	17.175	ng/ul	98
79) Pyrene	19.62	202	199656	6.201	ng/ul#	93
82) Benzo(a)anthracene	21.36	228	69685	2.134	ng/ul#	86
83) Bis(2-ethylhexyl)phthalate	21.28	149	56172	3.284	ng/ul#	88
84) Chrysene	21.41	228	84134	2.843	ng/ul#	88
87) Benzo(b)fluoranthene	22.97	252	112489	2.946	ng/ul#	78
90) Benzo(a)pyrene	23.56	252	73096	2.012	ng/ul#	75
91) Indeno(1,2,3-cd)pyrene	25.99	276	62848	1.435	ng/ul#	84
93) Benzo(g,h,i)perylene	26.70	276	62613	1.735	ng/ul#	88

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012848.D
Acq On : 09 Nov 2017 11:30
Operator : SJ/JU
Sample : I6096-05MSD 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317MSD

Quant Time: Nov 09 13:55:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012848.D
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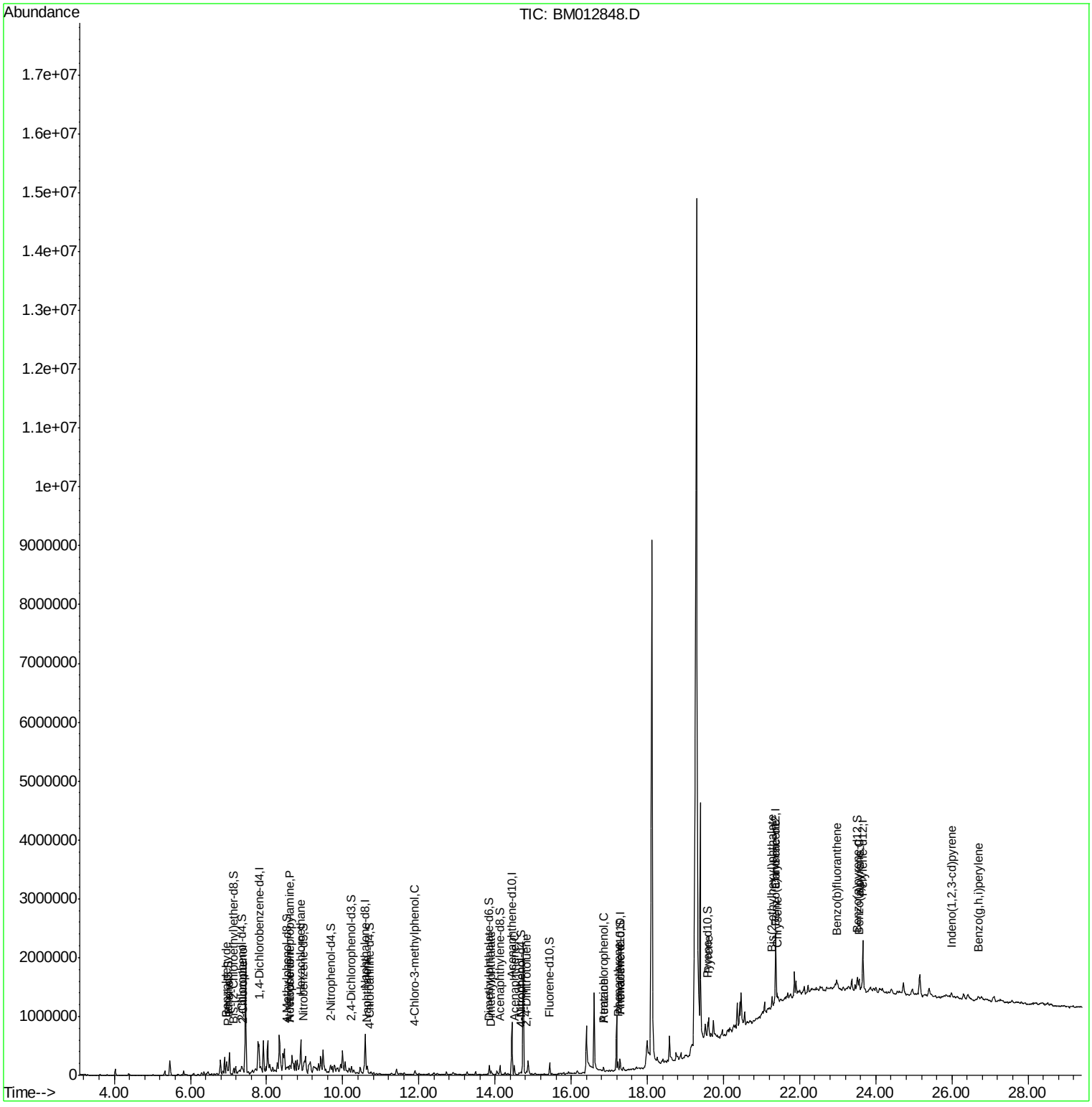
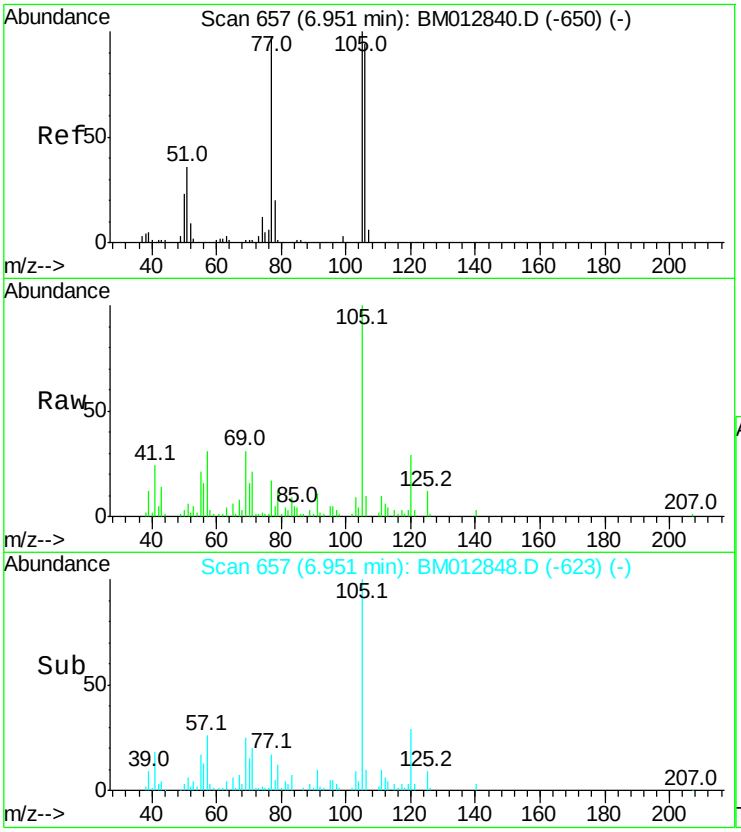
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration



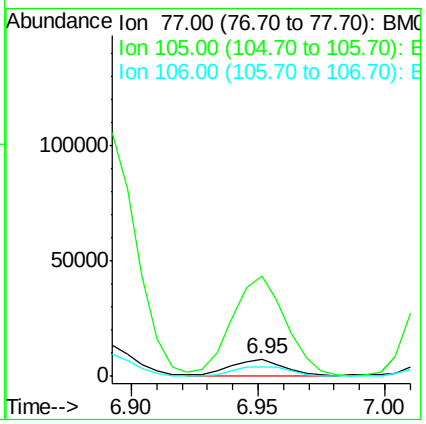


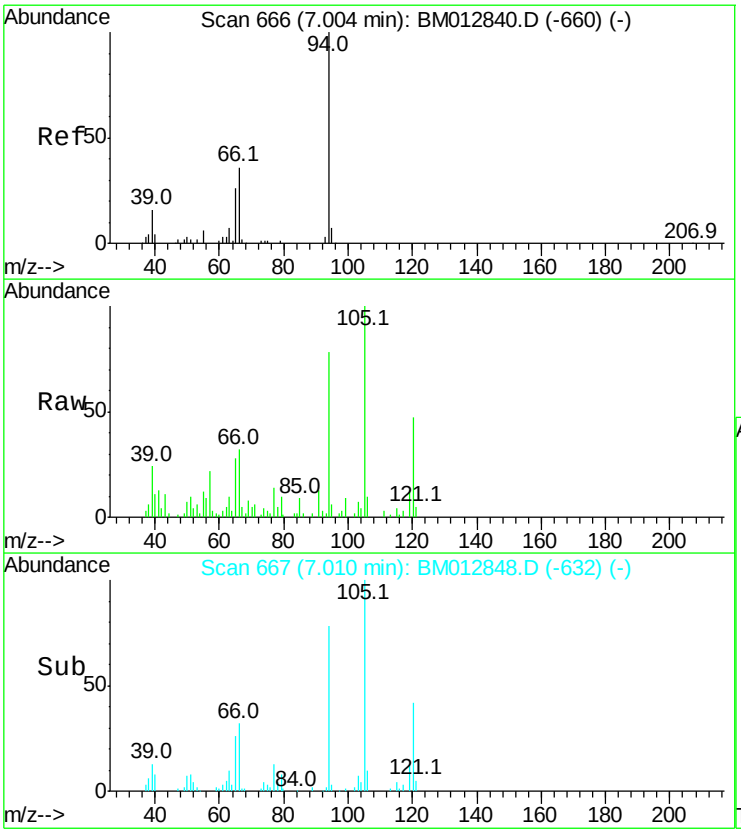
#4
Benzaldehyde
Concen: 1.962 ng/ul
RT: 6.95 min Scan# 657
Delta R.T. 0.00 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317MSD

Tgt Ion: 77 Resp: 10778

Ion	Ratio	Lower	Upper
77	100		
105	582.6	80.6	120.8#
106	55.9	77.7	116.5#

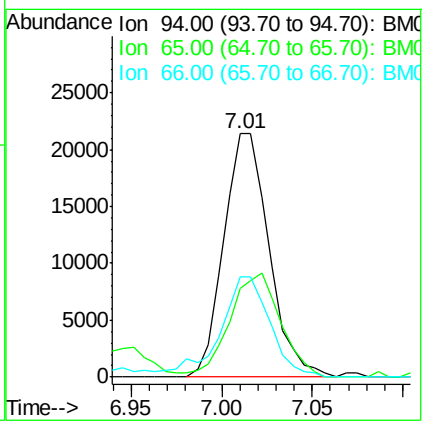


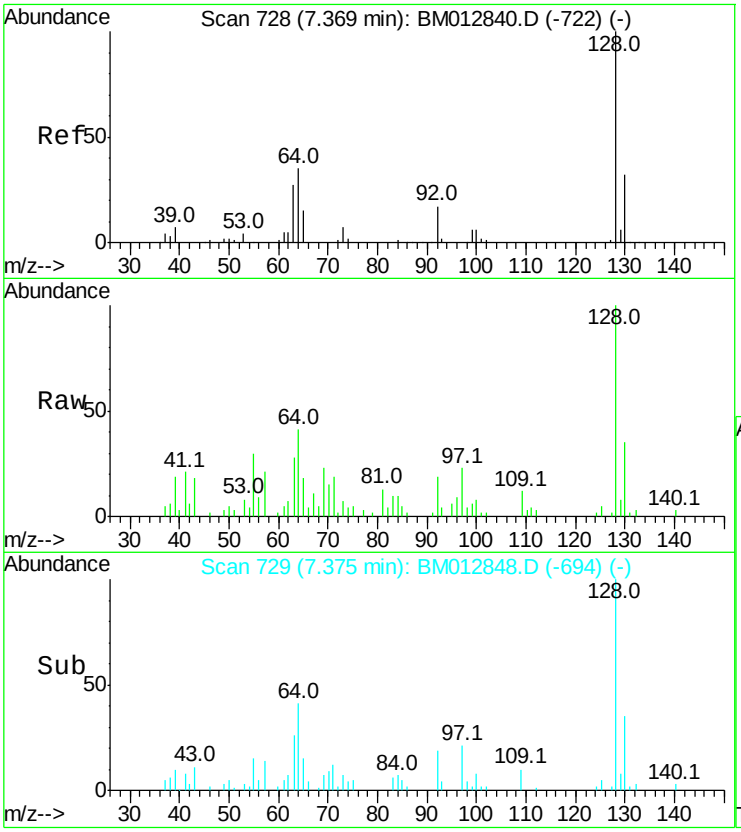


#6
Phenol
Concen: 3.508 ng/ul
RT: 7.01 min Scan# 667
Delta R.T. 0.01 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Tgt Ion: 94 Resp: 37185

Ion	Ratio	Lower	Upper
94	100		
65	36.6	21.0	31.6#
66	41.1	29.3	43.9



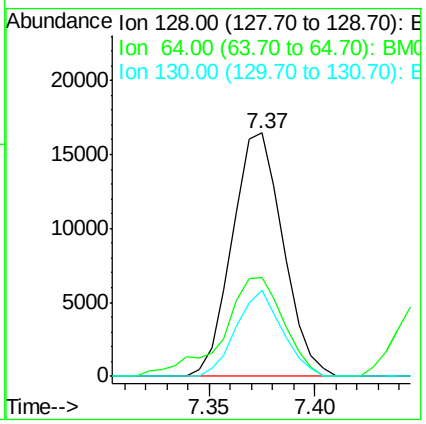


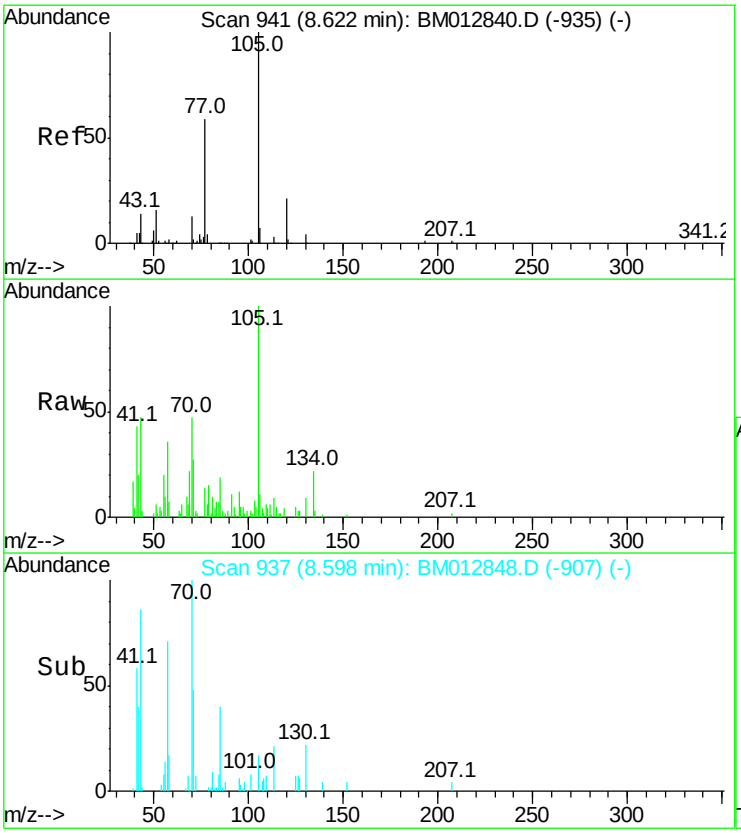
#10
2-Chlorophenol
Concen: 3.106 ng/ul
RT: 7.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317MSD

Tgt Ion:128 Resp: 27519

Ion	Ratio	Lower	Upper
128	100		
64	40.7	31.9	47.9
130	35.3	25.6	38.4

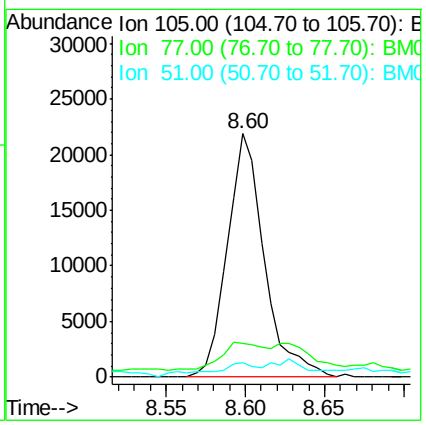


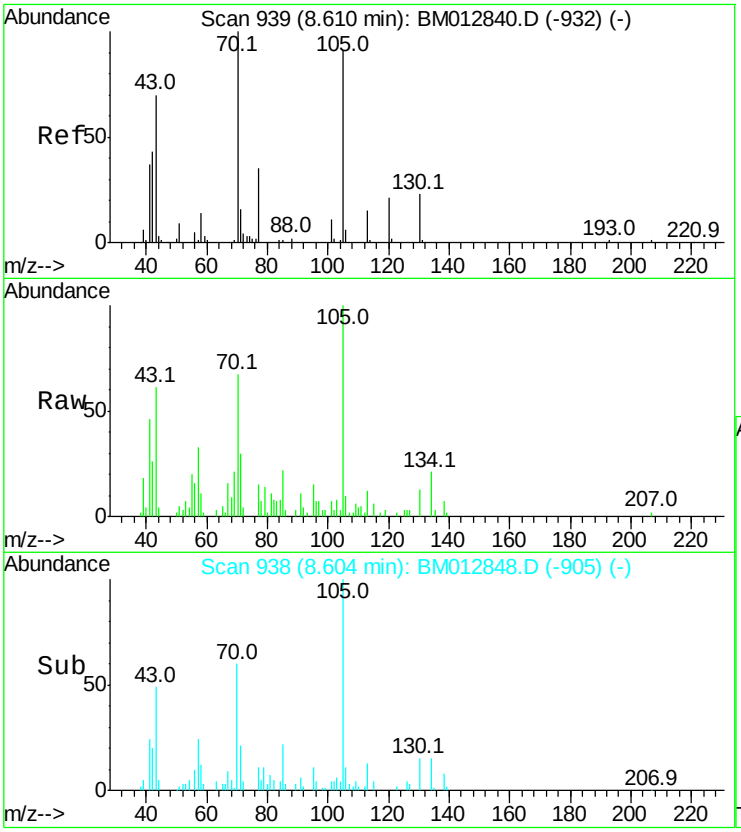


#14
Acetophenone
Concen: 2.637 ng/ul
RT: 8.60 min Scan# 937
Delta R.T. -0.02 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Tgt Ion:105 Resp: 35366

Ion	Ratio	Lower	Upper
105	100		
77	13.9	59.0	88.4#
51	6.2	16.4	24.6#



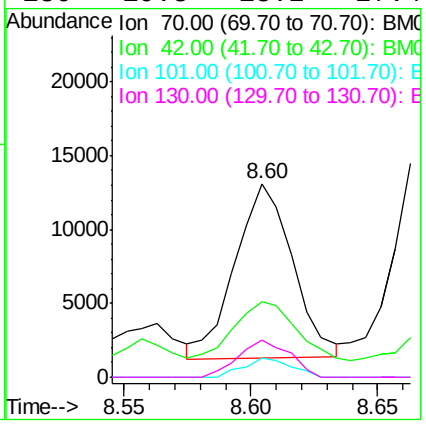


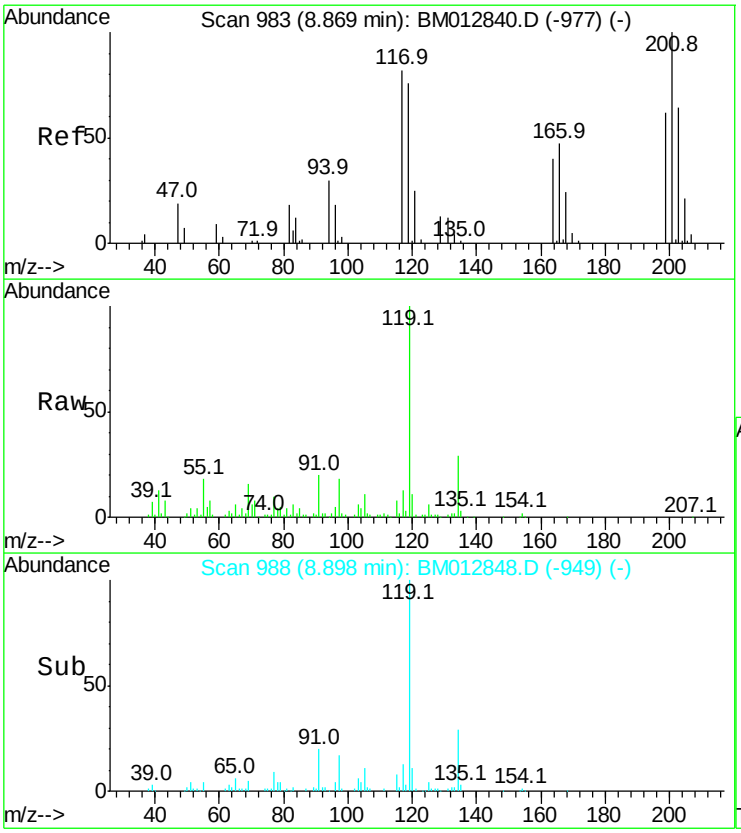
#15
N-Nitroso-di-n-propylamine
Concen: 2.885 ng/ul
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317MSD

Tgt Ion: 70 Resp: 18603

Ion	Ratio	Lower	Upper
70	100		
42	38.7	35.4	53.0
101	10.2	8.4	12.6
130	19.3	18.2	27.4

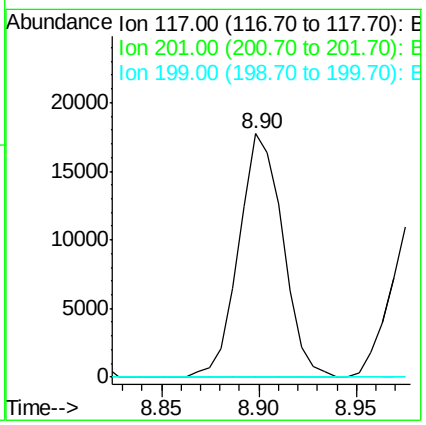


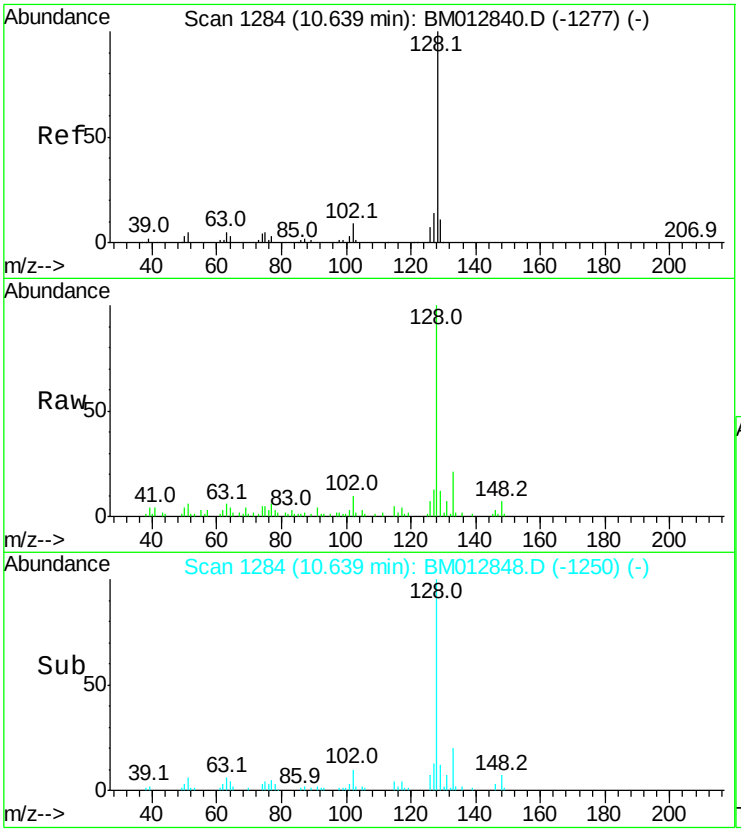


#17
Hexachloroethane
Concen: 7.765 ng/ul
RT: 8.90 min Scan# 988
Delta R.T. 0.03 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Tgt Ion:117 Resp: 27696

Ion	Ratio	Lower	Upper
117	100		
201	0.0	81.5	122.3#
199	0.0	50.6	76.0#



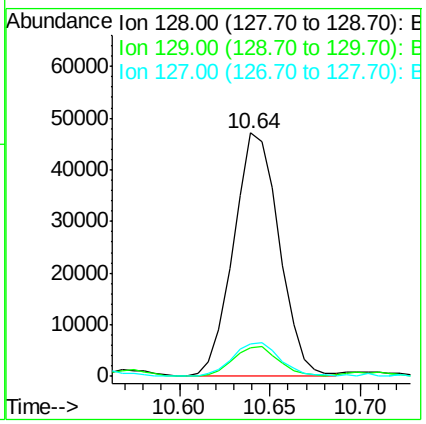


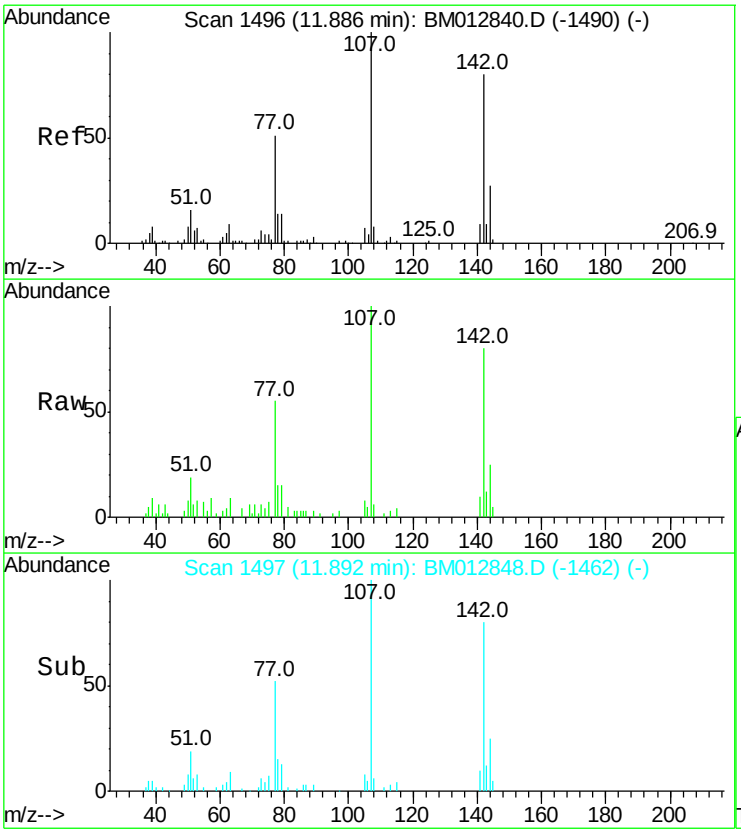
#28
Naphthalene
Concen: 2.983 ng/ul
RT: 10.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317MSD

Tgt Ion:128 Resp: 82719

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	13.4	10.5	15.7

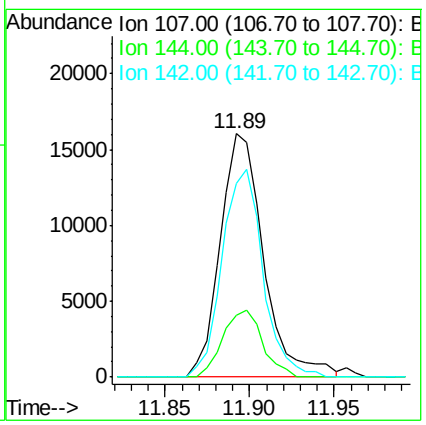


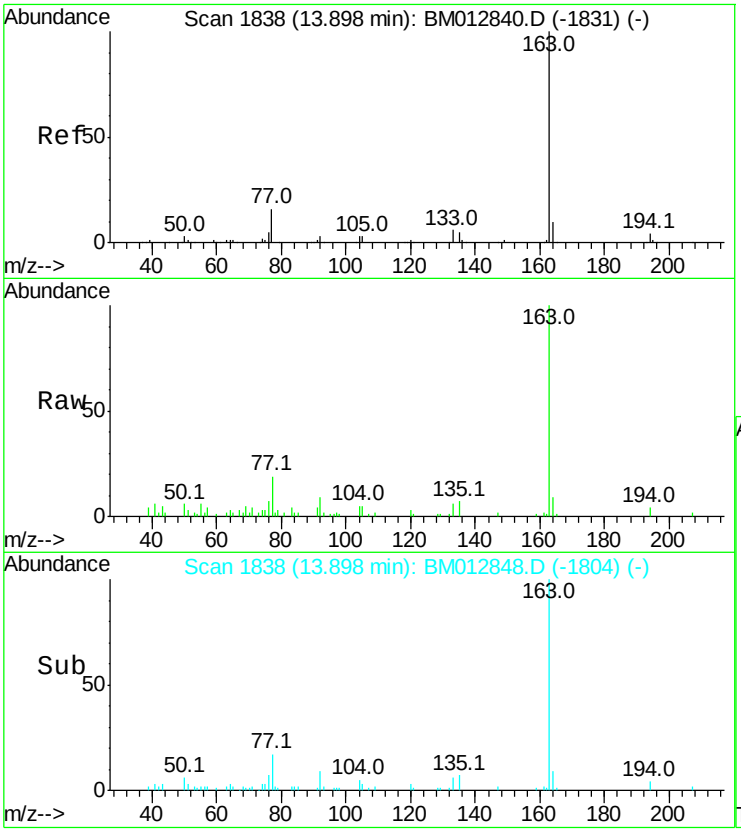


#33
4-Chloro-3-methylphenol
Concen: 3.152 ng/ul
RT: 11.89 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Tgt Ion:107 Resp: 28721

Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.4	30.6
142	79.6	62.5	93.7



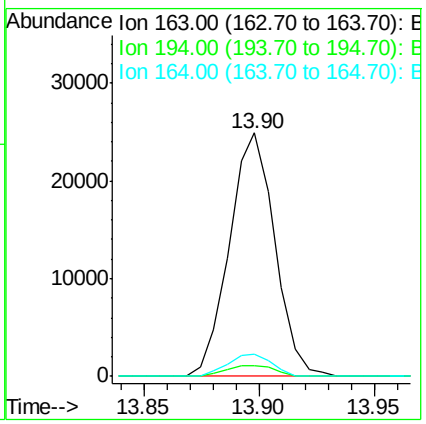


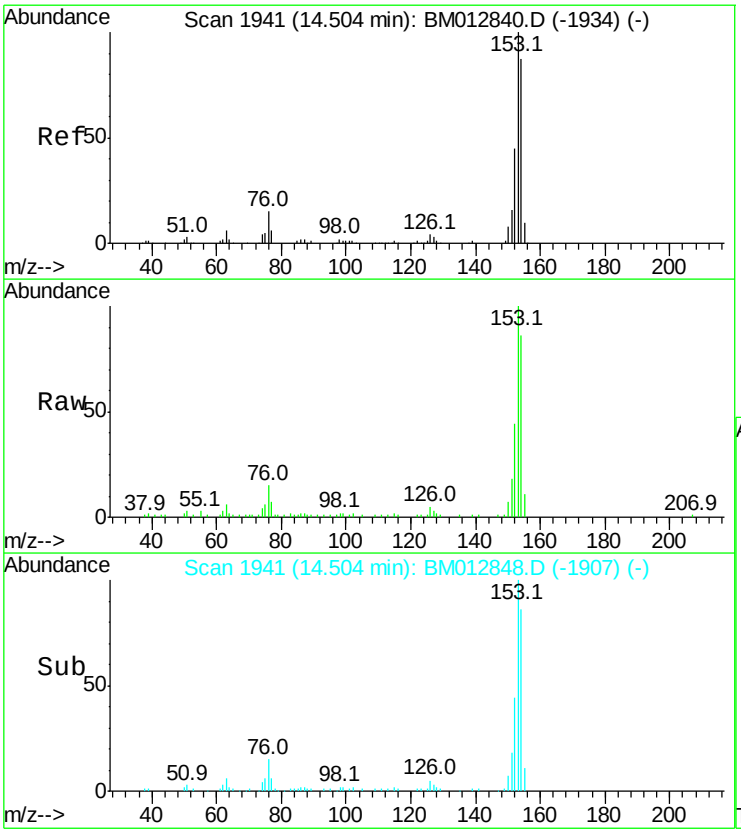
#44
Dimethylphthalate
Concen: 1.350 ng/ul
RT: 13.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317MSD

Tgt Ion:163 Resp: 34138

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	9.0	7.8	11.8

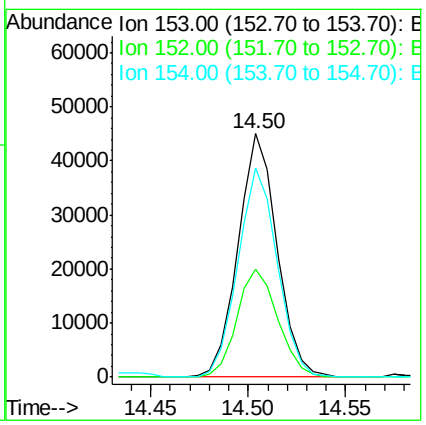


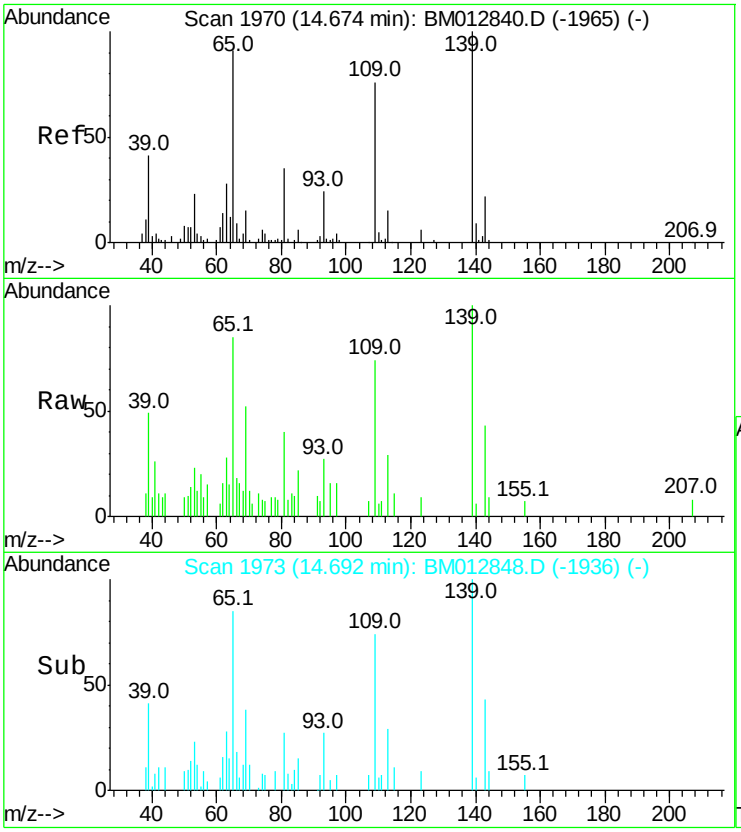


#49
Acenaphthene
Concen: 2.997 ng/ul
RT: 14.50 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Tgt Ion:153 Resp: 62369

Ion	Ratio	Lower	Upper
153	100		
152	44.4	38.3	57.5
154	85.7	71.8	107.8



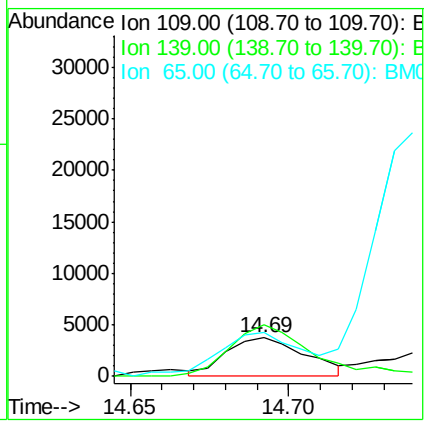


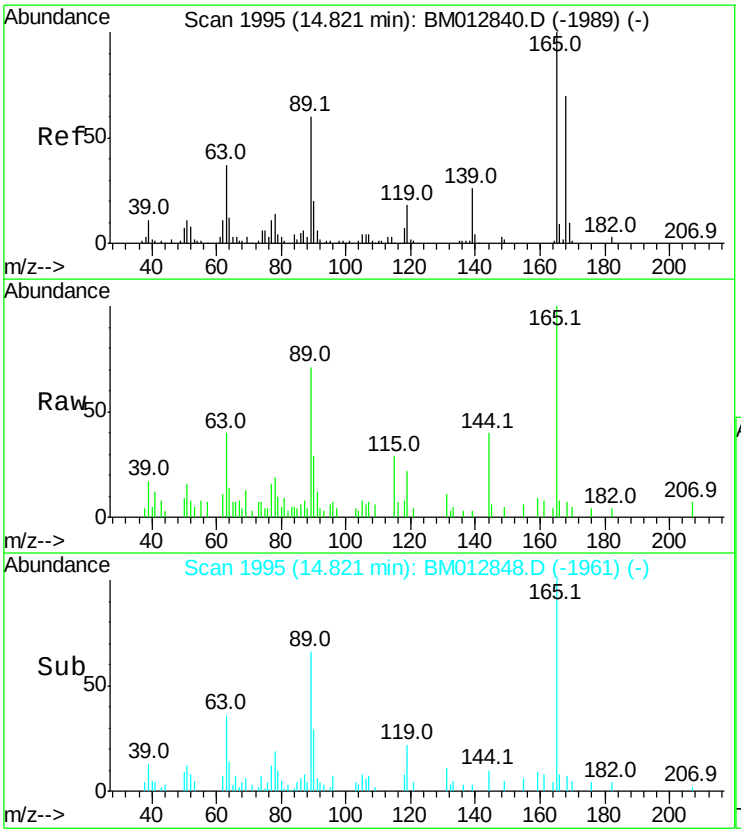
#52
4-Nitrophenol
Concen: 1.802 ng/ul
RT: 14.69 min Scan# 1973
Delta R.T. 0.02 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317MSD

Tgt Ion:109 Resp: 6492

Ion	Ratio	Lower	Upper
109	100		
139	134.5	103.7	155.5
65	114.2	89.4	134.2

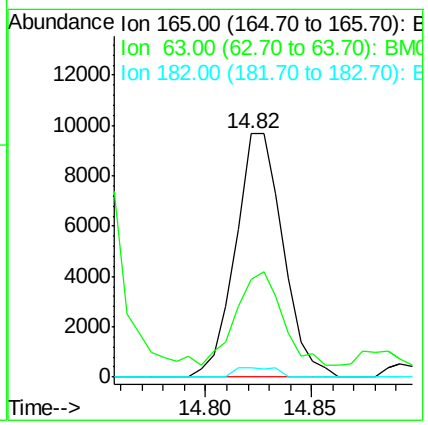


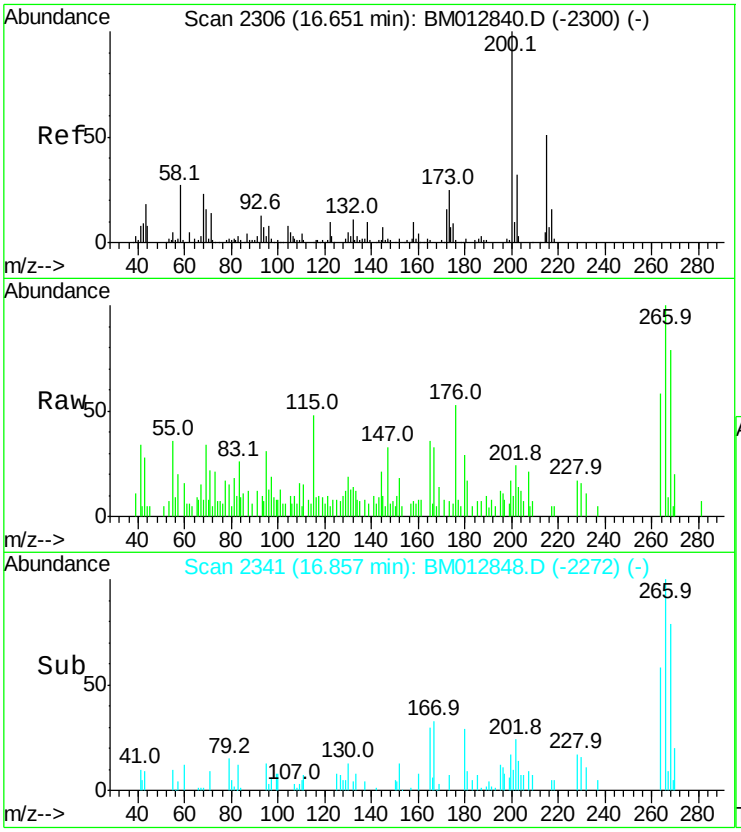


#54
2,4-Dinitrotoluene
Concen: 2.035 ng/ul
RT: 14.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Tgt Ion:165 Resp: 15146

Ion	Ratio	Lower	Upper
165	100		
63	39.9	29.8	44.6
182	3.7	2.2	3.4#



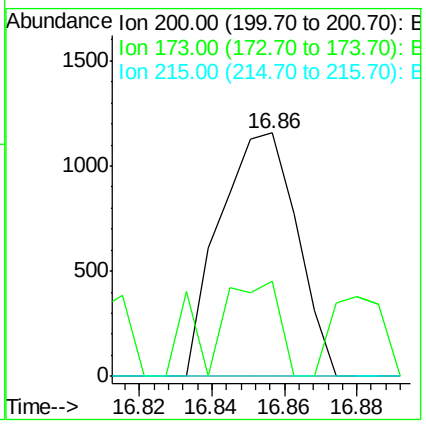


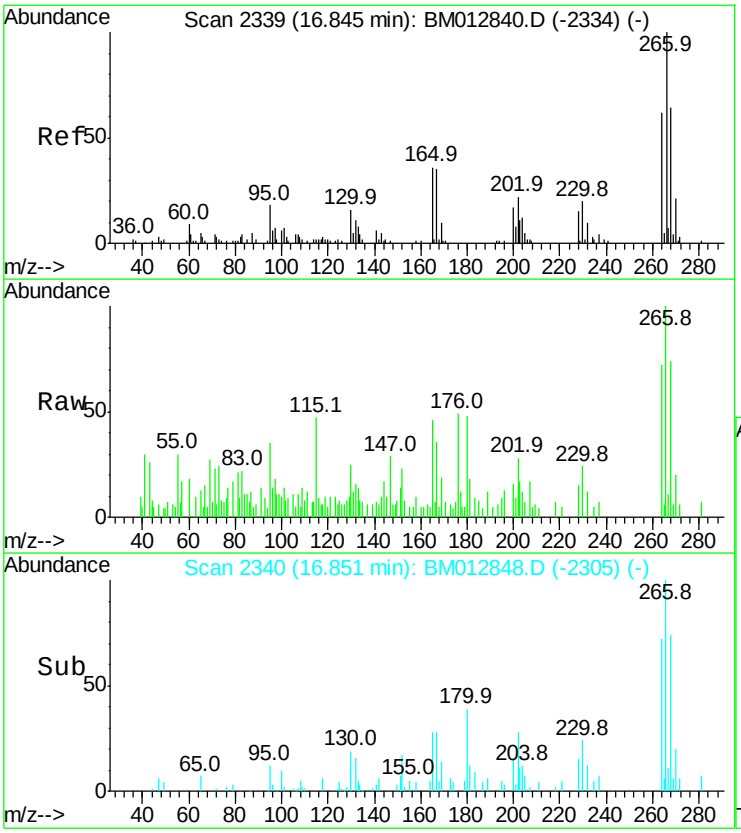
#67
Atrazine
Concen: 1.287 ng/ul
RT: 16.86 min Scan# 2341
Delta R.T. 0.21 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317MSD

Tgt Ion:200 Resp: 1715

Ion	Ratio	Lower	Upper
200	100		
173	39.1	21.6	32.4#
215	0.0	37.0	55.4#

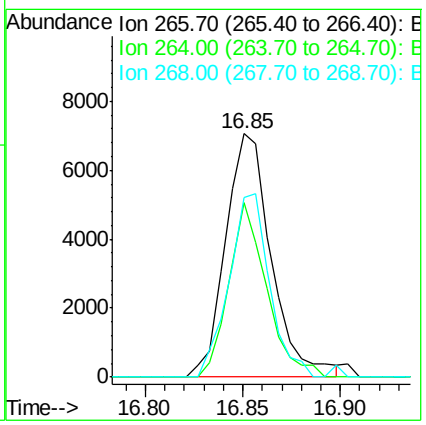


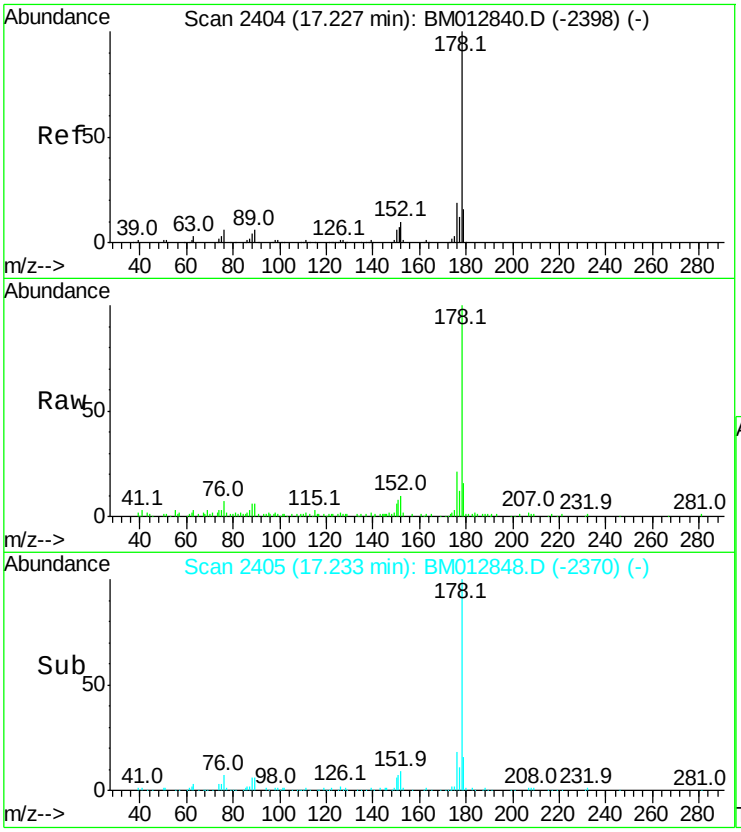


#68
Pentachlorophenol
Concen: 12.393 ng/ul
RT: 16.85 min Scan# 2340
Delta R.T. 0.01 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Tgt Ion:266 Resp: 11480

Ion	Ratio	Lower	Upper
266	100		
264	71.5	50.5	75.7
268	73.9	50.9	76.3



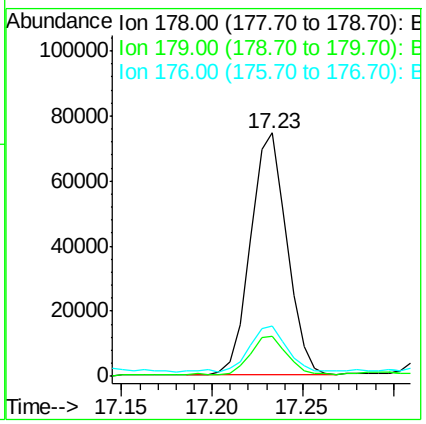


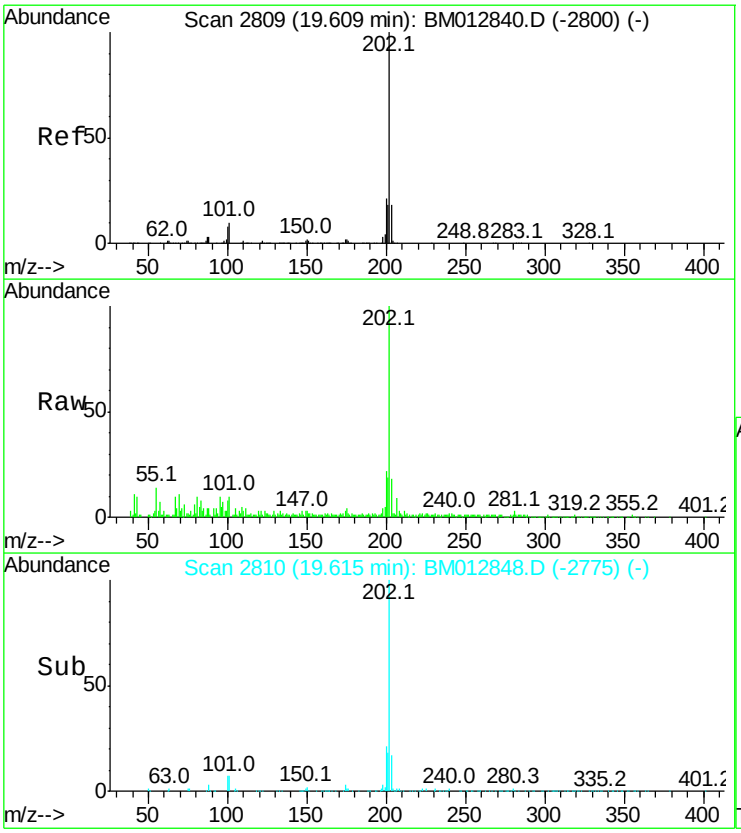
#69
Phenanthrene
Concen: 17.175 ng/ul
RT: 17.23 min Scan# 2405
Delta R.T. 0.01 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317MSD

Tgt Ion:178 Resp: 103756

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.4
176	20.5	15.6	23.4

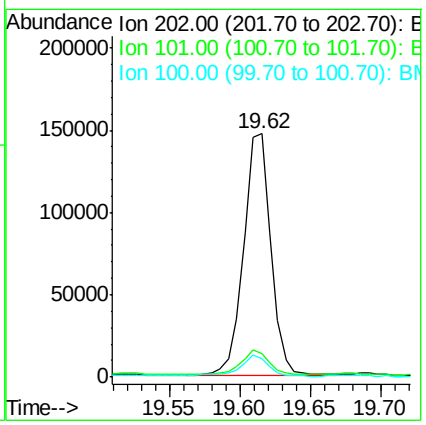


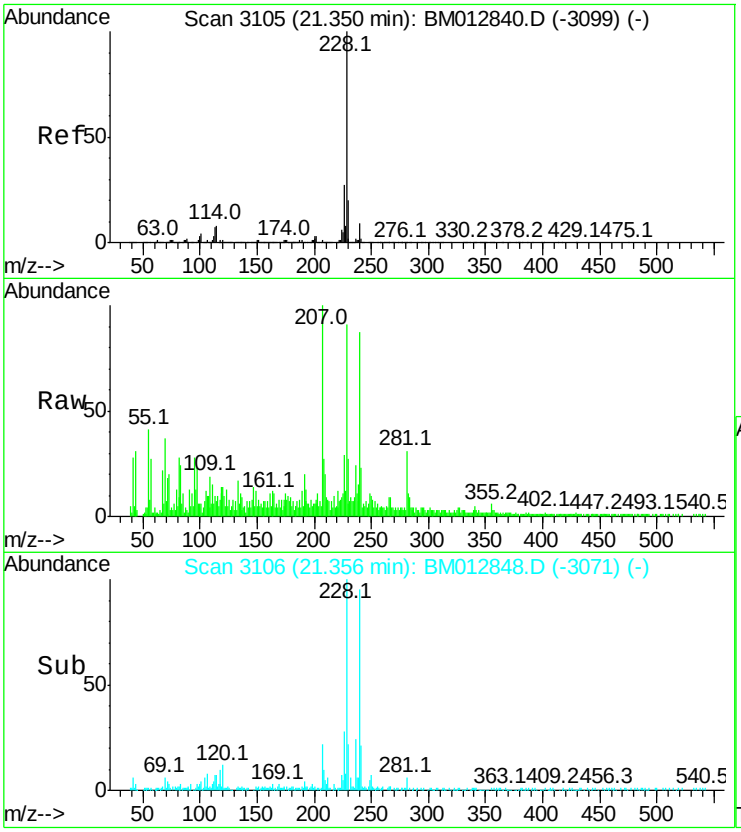


#79
Pyrene
Concen: 6.201 ng/ul
RT: 19.62 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Tgt Ion:202 Resp: 199656

Ion	Ratio	Lower	Upper
202	100		
101	9.9	10.2	15.2#
100	7.7	8.5	12.7#



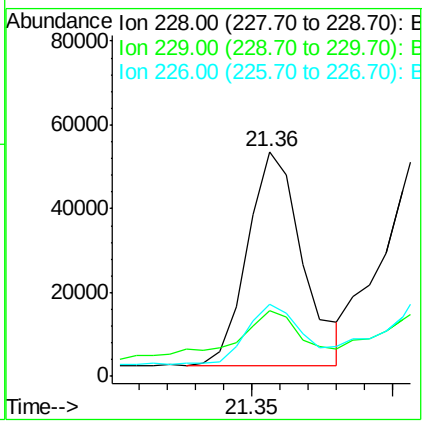


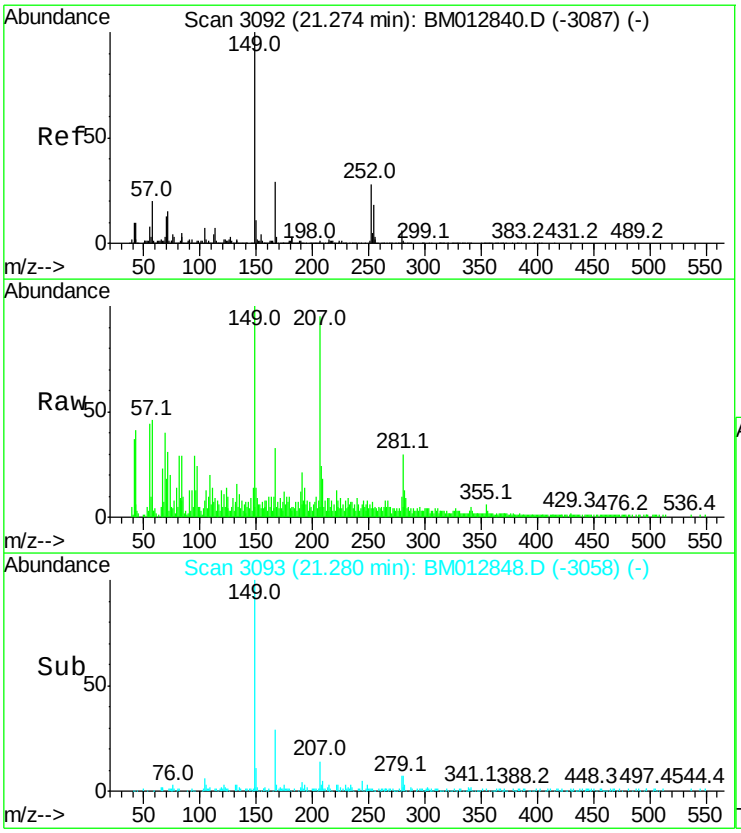
#82
Benzo(a)anthracene
Concen: 2.134 ng/ul
RT: 21.36 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317MSD

Tgt Ion:228 Resp: 69685

Ion	Ratio	Lower	Upper
228	100		
229	29.4	15.7	23.5#
226	32.0	21.8	32.6

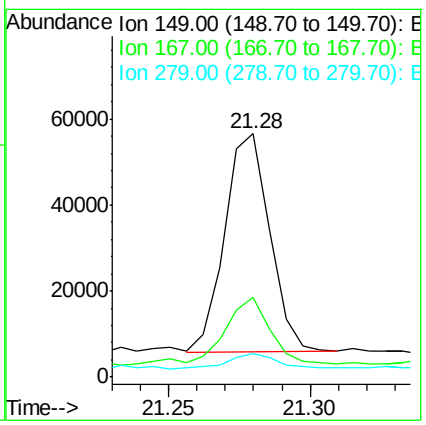


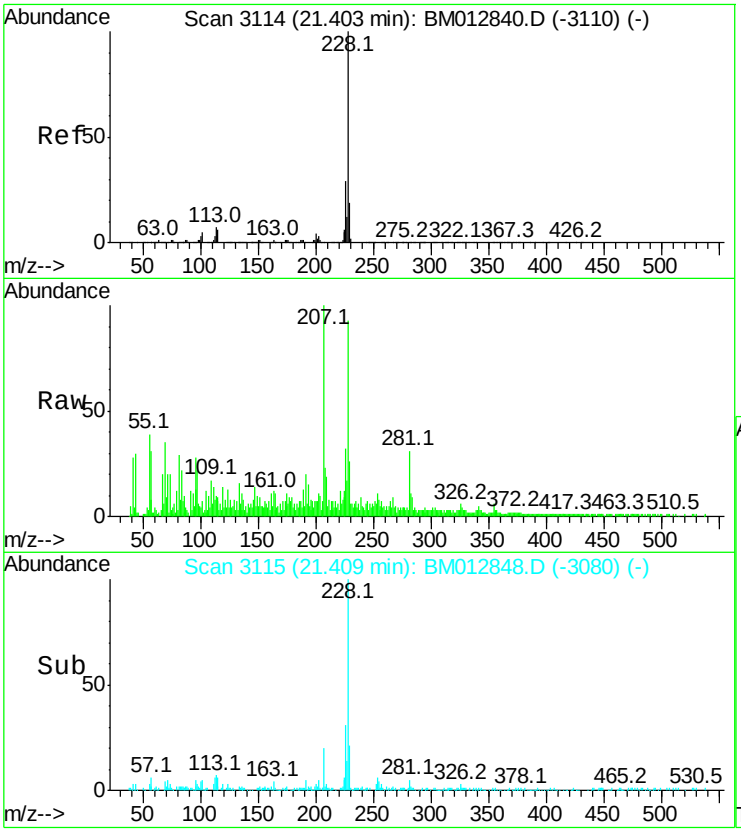


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.284 ng/ul
RT: 21.28 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Tgt Ion:149 Resp: 56172

Ion	Ratio	Lower	Upper
149	100		
167	32.8	21.6	32.4#
279	9.6	3.0	4.4#



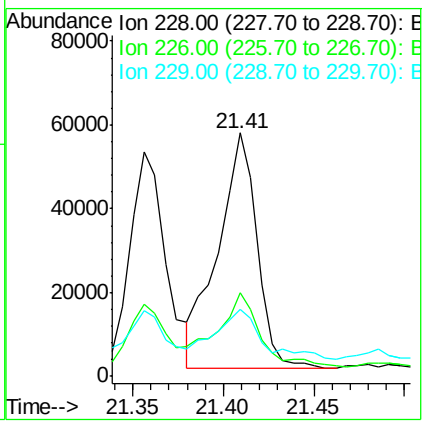


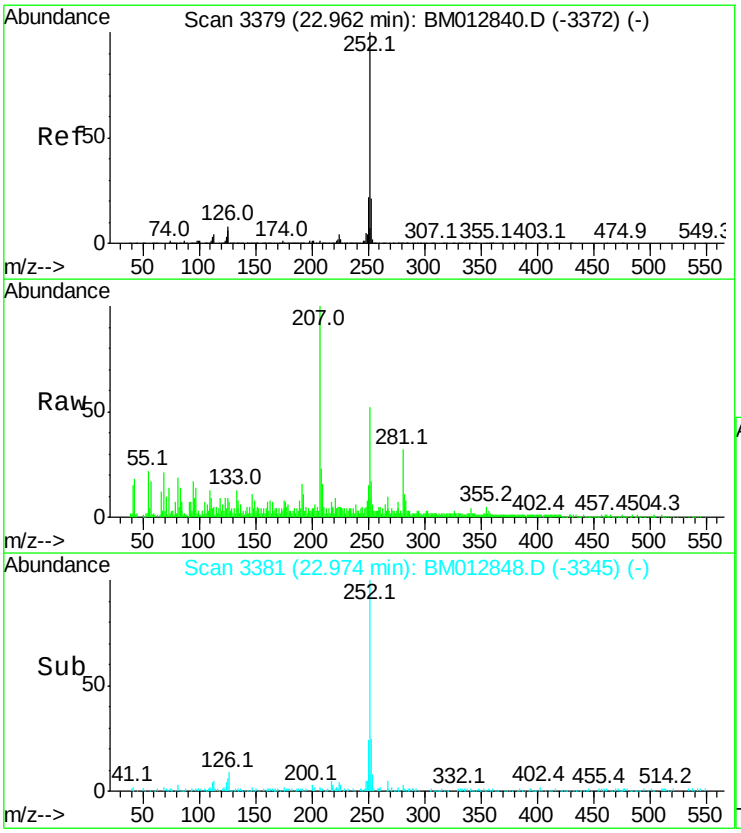
#84
Chrysene
Concen: 2.843 ng/ul
RT: 21.41 min Scan# 3115
Delta R.T. 0.01 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317MSD

Tgt Ion:228 Resp: 84134

Ion	Ratio	Lower	Upper
228	100		
226	34.5	24.0	36.0
229	27.6	15.6	23.4#

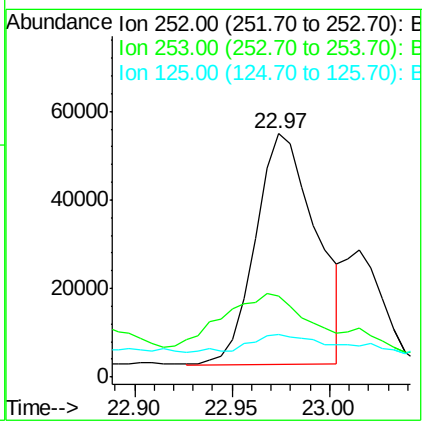


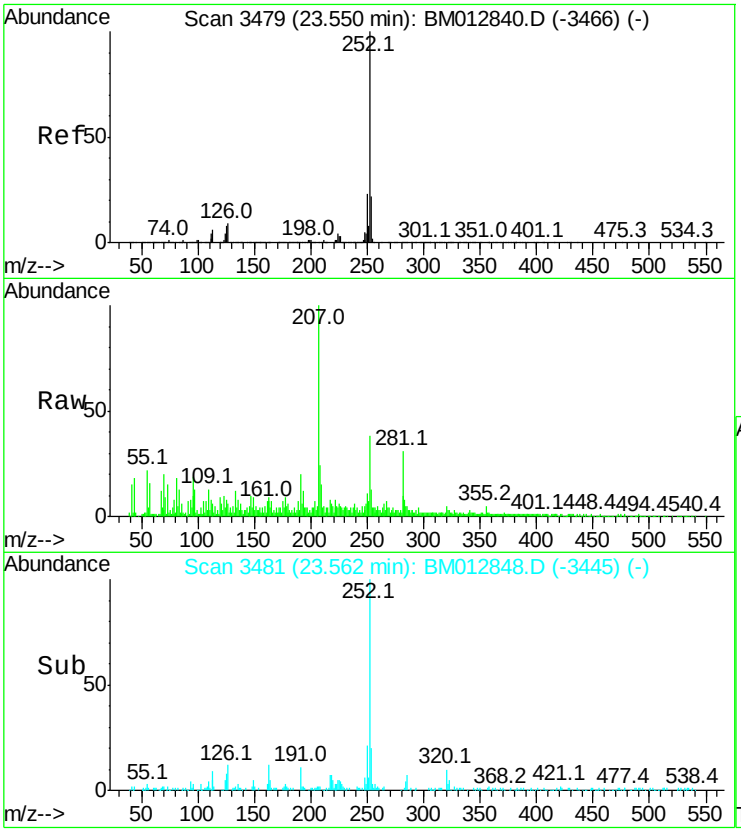


#87
Benzo(b)fluoranthene
Concen: 2.946 ng/ul
RT: 22.97 min Scan# 3381
Delta R.T. 0.01 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Tgt Ion:252 Resp: 112489

Ion	Ratio	Lower	Upper
252	100		
253	33.2	17.5	26.3#
125	17.7	8.5	12.7#



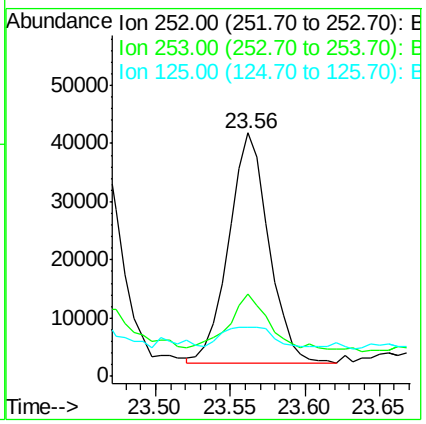


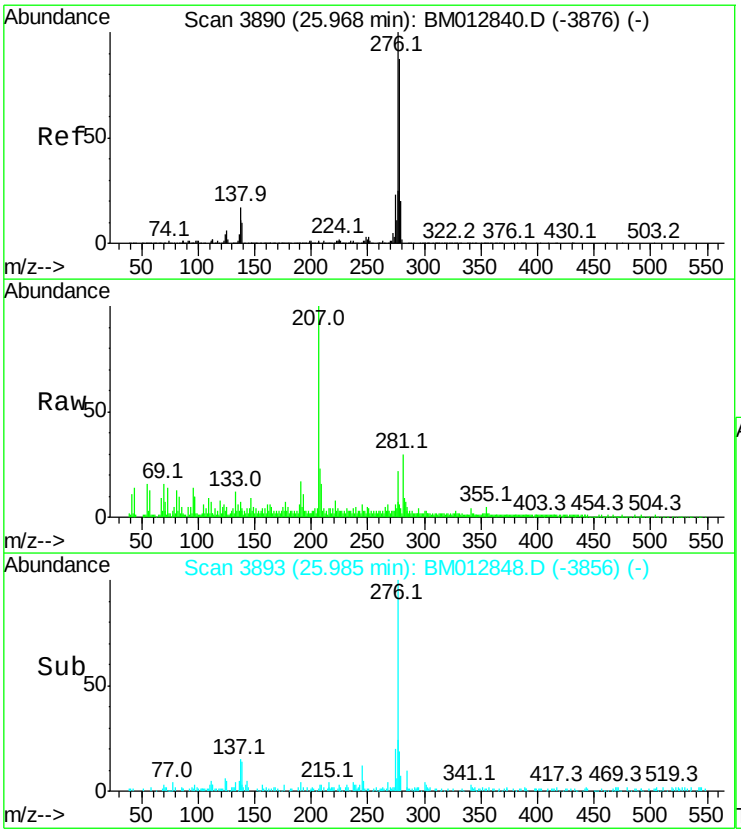
#90
Benzo(a)pyrene
Concen: 2.012 ng/ul
RT: 23.56 min Scan# 3481
Delta R.T. 0.01 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317MSD

Tgt Ion:252 Resp: 73096

Ion	Ratio	Lower	Upper
252	100		
253	34.0	17.2	25.8#
125	20.2	9.0	13.6#

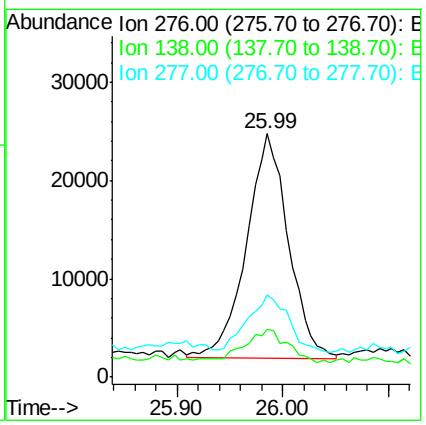


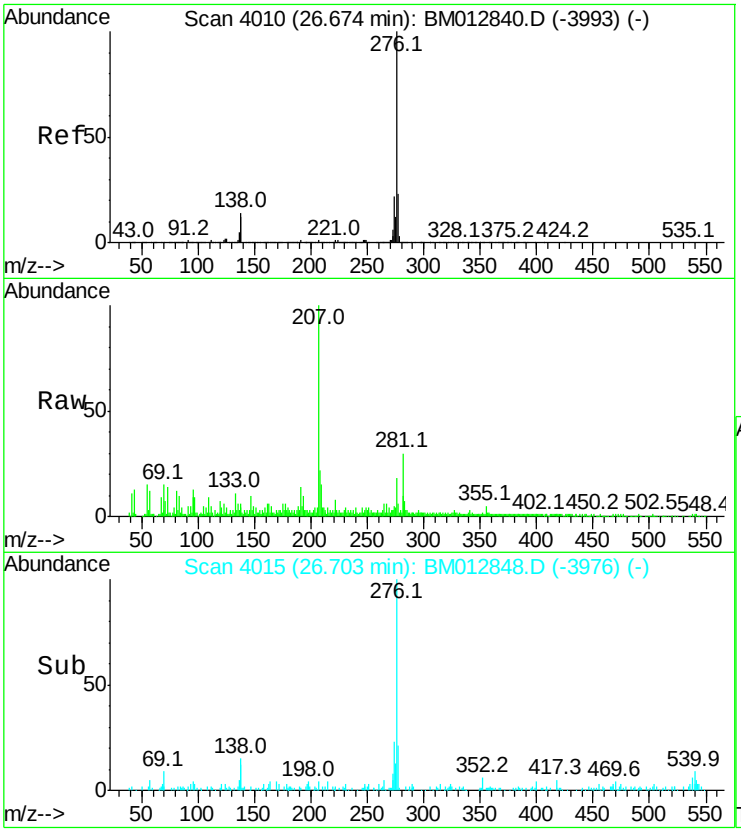


#91
Indeno(1,2,3-cd)pyrene
Concen: 1.435 ng/ul
RT: 25.99 min Scan# 3893
Delta R.T. 0.02 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Tgt Ion:276 Resp: 62848

Ion	Ratio	Lower	Upper
276	100		
138	19.7	22.3	33.5#
277	33.7	20.2	30.2#





#93
Benzo(g,h,i)perylene
Concen: 1.735 ng/ul
RT: 26.70 min Scan# 4015
Delta R.T. 0.03 min
Lab File: BM012848.D
Acq: 09 Nov 2017 11:30

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317MSD

Tgt Ion:276 Resp: 62613

Ion	Ratio	Lower	Upper
276	100		
138	22.3	18.9	28.3
277	34.5	19.2	28.8#